THE STAR

MODIFICATION 13 PLANNING SUBMISSION

AIR QUALITY REPORT

PREPARED BY

WSP

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06.04.17	B	41	Draft Report Issue	Alyce Sala Tenna	Ronan Kellaghan	Jason Watson	
21.04.17	C	41	Final Report Issue	Alyce Sala Tenna	Ronan Kellaghan	Jason Watson	
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18/06/18	F	41	Incorporated residential apartments in tower	Jason Watson		Jason Watson	

1 EXECUTIVE SUMMARY

The Star Entertainment Group Limited (SEGL) is a leading operator of integrated resorts catering to both local and international visitors and is the operator of The Star Sydney (The Star). Consistent with SEGL's licence obligation to operate the site to an international standard, SEGL is proposing to advance a revitalisation of the existing complex.

The Star is embarking on a five year redevelopment journey to create a landmark, exemplar integrated resort within the City of Sydney. This proposed redevelopment will occur through the lodgement of two S75W applications with the Department of Planning and Environment, identified as Modification 14 and Modification 13. Modification 14 has been approved by the Department. Modification 13 will involve the design of a new Ritz-Carlton Hotel Tower and associated podium treatment.

The Star is proposing to attain the highest standard of built form outcomes for the site through the proposed redevelopment, by encouraging innovation and best practice approaches to achieve an environmentally sustainable development that positively contributes to the overall architecture of both Pyrmont and the City of Sydney. This will be done through the implementation of advanced ESD initiatives, improved people and movement connections, upgrades to the external appearance and presentation of the facility and improved integration with the adjacent urban fabric

Regarding air quality, the proposed development has been assessed against the Secretary's Environmental Assessment Requirements (SEARs)

The current approval, MP 08_0098 (Modification 14), was assessed against these relevant policies, guidelines and approval conditions. To determine if the proposed Modification 13 works can be built to have limited environmental impact beyond that already approved, these same air quality criteria are used. It is considered that in assessing compliance with these criteria, the proposal will demonstrate limited environmental impact in line with the SEARs Key Issues.

Air pollutant emissions as a result of Modification 13 were assessed for potential impacts. Construction, ventilation systems for the carpark and commercial system were assessed qualitatively. The gas turbines were assessed from results modelled for the gas turbines. Potential sources to air were identified as:

- Dust emissions during construction.
- Nitrogen dioxide (NO_2) as a result of the carpark's ventilation system
- Odour as a result of operation of the commercial ventilation system
- NO_2, sulphur dioxide (SO_2), carbon monoxide (CO), total volatile organic compounds (tVOCs) and particulate matter less than 2.5 microns in diameter ($PM_{2.5}$) from the gas turbines.

The air quality assessment concluded the following:

- Dust issues associated with The Star is unlikely to occur due to types of construction activities planned and implementation of dust mitigation measures.
- Operation of the commercial exhaust vent and the basement carpark's ventilation system were not considered to pose an air quality or odour issue.
- No surrounding or pre-existing activities were deemed to impact The Star's air quality environment.
- Air quality impacts from the surrounding environment and operation of the site upon the residential tower are considered a low risk.
- Air quality for NO_2, SO_2, CO, and $PM_{2.5}$ at 10 sensitive receptors locations from operations of the gas turbines are anticipated to meet air quality criteria objectives.

It is noted that mitigation measures have been proposed as part of the proposed development, including:

- As a proactive measure to reduce emissions from the diesel generators during maintenance, the following management practices will be implemented:

- Generator testing will be staggered. Only one generator will be turned on and tested at a time.
- Generators will only be tested at 50% load.

- Construction related mitigation measures.

Based on the above, it is concluded that the proposal (Modification 13) has limited impact upon the surrounding (at the nearest sensitive receivers) air quality environment.

DEFINITIONS

2 DEFINITIONS

AS – Australian Standard

BoM – Bureau of Meteorology

CO – Carbon monoxide

C100 - Capstone C1000 microturbines

DEC – Department of Environment and Conservation NSW

DoPE - The Department of Planning and Environment

EPA - Environmental Protection Authority

g/s – Grams per second

kW – Kilowatts

m^3 – Cubic metres

m/s – Metres per second

NEPM – National Environment Protection Method

NO_x – Oxides of nitrogen

NO_2 – Nitrogen dioxide

NPI - National Pollutant Inventory

$PM_{2.5}$ – Particulate matter 2.5 microns in diameter or less

PM_{10} – Particulate matter 10 microns in diameter or less

Ppm - Parts per million

SEARs - Secretary's Environmental Assessment Requirements

SO_2 – Sulphur dioxide

TAPM – The Air Pollution Model

tVOC – Total volatile organic compounds

$\mu g/m^3$ - Micrograms per cubic metre

μ - Micron

3 MODIFICATION 13 PROPOSED WORKS

Modification 13 includes the following proposed works:

3.1 NEW RITZ-CARLTON HOTEL AND RESIDENTIAL TOWER

- Demolition of part of the existing building in the northern portion of the site, including part of the Pirrama Road façade and part of the Jones Bay Road façade.
- Construction of a new Tower, 237.0 metres AHD (approximate, 234 metres from Pirrama Road);
- Residential uses across 35 levels, comprising:
  - A residential vehicular drop off lobby on Level B2
  - A residential lobby on Level 00 to be accessed from Jones Bay Road;
  - Residential communal space on Level 07 to be accessed via Level 08; and
  - 204 residential apartments located from Levels 05 to 06 and from Levels 08 to 38, featuring one-bedroom, two-bedroom and three-bedroom unit types (Note – no Level 13)
- Hotel uses across 31 levels, comprising:
  - A hotel arrival lobby on Level B2 to be accessed from the new Ritz-Carlton porte-cochere along Pirrama Road;
  - A hotel Sky Lobby for guest check-in on Level 39 and 40, featuring a restaurant, bar and lounge;
  - 220 hotel rooms located from Level 42 to 58 and from Level 60 to 61
  - A hotel spa and gym on Level 07
  - A VIP link to the Sovereign Room on Level 04 and 04 Mezzanine
  - A Ritz-Carlton Club lounge and terrace on Level 59
  - Hotel staff end-of-trip facilities on Level B3
  - Hotel staff arrival point on Level 00
  - Hotel back-of-house and plant on Level B2, 02, 03, 05, 41 and 42
  - A Neighbourhood Centre consisting of the following proposed uses including street level cafe, library, learning / innovation hub, multipurpose function centre, practice rooms (functional use to be finalised in conjunction with a neighbourhood panel)
- A new car-parking stacker system below the new porte-cochere of the Ritz-Carlton Hotel, with a total capacity of 221 spaces, to serve the new hotel and apartments
- Vertical transport associated with the tower and podium; and
- A new drop-off / pick up area (short-term parking) on Jones Bay Road for the proposed apartments.

3.2 LEVEL 07

- A 'Ribbon' at Level 07 connecting the new Hotel and Residential Tower to the existing building along Pirrama Road, comprising:
  - Two pools and associated pool decks (one for the new Hotel, one for The Star); and
  - Two food and beverage premises with associated store rooms and facilities;
- Lift access from the Level 05 Terrace to Level 07;
- Residential communal open space associated with the new residential apartments, comprising pool and landscaped terrace at the base of the Tower adjacent to Jones Bay Road;
- Gym and associated change rooms and facilities for the residents;
- Gym and associated change rooms and facilities for hotel guests; and
- Landscaping treatments.

3.3 LEVEL 05 TERRACE

- Three food and beverage outlets with external areas;
- Completion of the Vertical Transportation drum to connect with Level 05 Terrace;
- Designated event spaces on the Terrace; and
- Landscaping treatment.

3.4 LEVEL 05 ASTRAL HOTEL AND RESIDENCES RECREATIONAL FACILITY UPGRADE

- New pool deck, pool, spa, gym and amenities upgrade for Astral Hotel and Residences.

3.5 LEVEL 04 MEZZANINE / 04 / 03 TOWER TO SOVEREIGN LINK BY ESCALATOR AND LIFT

- Link from the Tower to the Sovereign Resort along the Level 04 Mezzanine, down by escalators to Level 04, and then down by lift to Level 03; and
- Extension of the latter lift above to service Level 00, 01, 03, 04 and 05.

3.6 TOWER TO SOVEREIGN LINK BY ESCALATOR AND LIFT

- Link from the Tower (across Level 04 and Level 04 Mezzanine) to the Sovereign Resort and MUEF at Level 03, connected via Lift G4, Lift VIP 1 and escalators.
- Extension of the lift service to stop at Level 00, 01 and 05 in addition to Level 3, 4 and 4M.

3.7 LEVEL 03 SOVEREIGN COLUMN FAÇADE TREATMENT ALONG PIRRAMA ROAD

- New glazed detail to enclose exposed Level 03 Sovereign columns along the Pirrama Road façade.

3.8 VARIOUS RECONFIGURATION WORKS AROUND VERTICAL DRUM LEVEL 00 TO L5

- Revolving door at L00 main entrance landing Pirrama Road end
- Sliding door at L00 landing at stairs from Light Rail
- Reconfiguring of existing L1 and 2 void edge
- New escalators from L2 to L3 due to revised landing at Level 3
- Infill of L2 atrium void to main entrance at Pirrama Road

3.9 FAÇADE INTEGRATION WORKS

- Upgrades to the Pirrama Road and Jones Bay Road façades to integrate the new Ritz Carlton Hotel and Residential Tower with the existing building.

3.10 INFRASTRUCTURE UPGRADES

- A new plant room located within the podium over Levels 03, 04, 05 and 06 of the proposed Hotel and Residential Tower;
- Relocation of the current Level 03 cooling towers (adjacent to the MUEF) to the Level 09 plant room above the Level 06 plantroom adjacent to the Astral Hotel;
- New capstone microturbine units and associated flues in the proposed plant room at Level 03 between the Darling Hotel and the Astral Residence Tower;
- New capstone microturbine units and associated flues in the new Level 03 plant room at the base of the Tower;
- Relocation of the existing main switch-room to the new plant room on Level 02, south of the demolition cut line;
- Relocation of the existing data recovery centre to the new plant room on Level B1 of the Darling Hotel;
- Relocation of diesel generator flues to the side of the new Level 09 plantroom, adjacent to Astral Hotel

3.11 LEVEL B2 TRANSPORT INTERCHANGE

- Upgrades to the Event Centre Loading Dock;
- Entry into Basement car stacker for the Tower apartments and Ritz-Carlton Hotel;
- New commuter bike parking and hire bike system;
- Upgrade of finishes to light rail station surrounds (but not within Light Rail corridor) and removal of existing wall barrier to the Pirrama Road frontage;
- Upgraded taxi-rank arrangements;
- Designated Star coach parking along Service Road in front of Light Rail station; and
- Realignment of kerbs and line-marking.
- *Note – no works within the Light Rail corridor*

3.12 TRANSPORT IMPROVEMENTS – OTHER LOCATIONS

- Reconfiguration of existing median strips on Jones Bay Road and addition of new median strip on Pyrmont Street, with associated line-marking to enable a new right-hand turning lane into the Astral Hotel Porte-Cochere;
- New Pyrmont Street carpark entry and exit, associated line marking, changes to internal circulation, and reconstruction of the pedestrian footpath along Pyrmont Street; and
- Relocation of existing feeder taxi-rank from Jones Bay Road to the Level B2 transport interchange.

3.13 SITE WIDE LANDSCAPE AND PUBLIC DOMAIN UPGRADES

- Upgrades to street frontages along Pirrama Road (for the Hotel Porte Cochere) and Jones Bay Road (for the residential entry);
- Upgrades to street frontage to Pyrmont Street, due to new car parking entry; and
- Entrance upgrade to the SELS building at the corner of Jones Bay Road and Pyrmont Street.

3.14 LEVEL 00 - RESTAURANT STREET

- Creation of a new destination Restaurant Street by:
  - Incorporating existing Food and Beverage premises on Level 00; and
  - Converting existing retail shops into new Food and Beverage tenancies, including the new Century tenancy at the Jones Bay Road end.

3.15 PIRRAMA ROAD AND JONES BAY ROAD FOOD AND BEVERAGE

- A revised food and beverage tenancy at the existing Pizzaperta outlet along Pirrama Road;
- A new food & beverage tenancy at the Marquee street entry; and
- A small café outlet adjacent to the residential lift lobby at Jones Bay Road
- A new food & beverage tenancy accessed off existing walkway from Jones Bay Road.

3.16 FOOD AND BEVERAGE – OTHER LOCATIONS

- Reconfiguration of Harvest Buffet, including new escalators from Level 00 Food Court to Level 01; and
- Refurbishment of Bistro 80 into the interim Century tenancy

3.17 DARLING HOTEL CORNERS

- Upgrade of the corner plaza at the Union/Edward Street property entry:
  - A new Food and Beverage premises on Level 01 and 02;
  - A new entry foyer leading to the Food Court;

  - A relocated awning enclosure at street level;
- Upgrade of the corner plaza at the Union/Pyrmont Street property entry:
  - A new awning enclosure at for the existing café;
  - Eight (8) luxury display cases at Darling Hotel car park entry; and
  - Two car display areas at Darling Hotel car park entry.

3.18 SITE-WIDE ACOUSTIC STRATEGY

- A site-wide acoustic monitoring strategy applied to assess impact of potential noise generating sources in Mod13.

3.19 SITE-WIDE LIGHTING STRATEGY

- A site-wide lighting strategy integrating and improving the existing lighting across the precinct, with new lighting the proposed Tower, Podium and Ribbon, including:
  - Internal lighting of Hotel and Residential spaces;
  - Illuminated highlights at the Sky Lobby and Club Lounge levels;
  - Integrated lighting on the eastern and western vertical façade slots and angled roof profile;
  - Podium external illumination from awnings, and under retail and lobby colonnades;
  - Landscape lighting on Level 07 open terraces and pool decks;
  - Feature lighting accentuating the wing-like profile of the Ribbon and vertical element;
  - Internal and external lighting to Food and Beverage outlet at Union/Edward Street corner;
  - Façade LED lighting to the heritage SELS Building.

3.20 SPECIAL LIGHTING EVENTS

- Approval for fifty three (53) Special Lighting Event nights per year for the use of permanent installation of moving projector lights on the rooftop of the Astral Hotel.

3.21 SIGNAGE UPGRADES

- Consolidation of existing signage approvals and new signage, including:
  - Approved signs
  - Wayfinding signs;
  - Business identification (including for Food and Beverage outlets); and
  - Signage on the Tower and Podium.

3.22 STORMWATER UPGRADES

- Stormwater upgrade works, including increased pit inlets and pipe capacities at the low points along Pyrmont Street and Edward Street.

THE STAR

INTRODUCTION

4 INTRODUCTION

WSP has been commissioned on behalf of The Star Entertainment Group (the Client) to undertake an air quality assessment for Modification 13, which supports the existing Project Approval MP 08_0098 at the Star Sydney Complex in Pyrmont, NSW (The Star).

The Star is embarking on a five year redevelopment journey to create a landmark, exemplar integrated resort within the City of Sydney. This proposed redevelopment will occur through the lodgement of two S75W applications with the Department of Planning and Environment, identified as Modification 14 and Modification 13. Modification 14 has been approved by the Department. Modification 13 will involve the design of a new Ritz-Carlton Hotel Tower and associated podium treatment.

As part of the approval's requirements for Modification 13, The Department of Planning and Environment (DoPE) issued a Secretary's Environmental Assessment Requirements (SEARs) on 9 May 2016. The SEARs contain the requirement for the assessment of the proposal and have specific requirements for air quality and odour. The SEARs contain the following relevant requirement for air quality:

> 11. Air, Noise and Odour. Address potential air quality, noise and odour impacts, in particular during construction and operation of the development and appropriate mitigation measures.

The SEARs identify the policies and guidelines to be considered within this assessment, and essentially form its terms of reference. Table 4.1 lists the air quality related SEARs and comments on their relevance, and where they are addressed in this report.

TABLE 4.1 AIR QUALITY RELATED SEARS

Requirement / Policy / Guideline	Comment	Section Addressed
Assessment of construction	-	Section 9, 10 and 11
Assessment of the operation of the development	-	Section 7, 9, 10 and 11
Mitigation Measures	-	Section 10
Protection of the Environment operations (Clean Air) Regulation 2010	Assessment of gas turbines against the relevant assessment criteria Best management practices for the emergency diesel generators	Section 7, 9, 10 and 11 Section 9.1.3
Approved Methods for the Modelling and Assessment of Air Pollutants in NSW (2016)	Assessment of gas turbines against the relevant assessment criteria	Section 7, 9, 10 and 11
Environmental Health Risk Assessment Guidelines for Assessing Human Health Risks from Environmental Hazards (Department of Health and Ageing and Health Council)	Following air quality modelling, it was confirmed that there was no exceedance of any air quality assessment criteria. Therefore a health risk assessment was not necessary.	Not applicable

Approved Methods for Sampling and Analysis of Air Pollutants in NSW (2007)	No sampling of emissions from the development are proposed	N/A
Assessment and Management of Odour from Stationary Sources in NSW: Technical Framework (2006)	Potential odour emissions from restaurant exhaust. Assessment based on appropriate exhaust design in accordance with Australian Standard (AS) 1668.1:2015, AS 1668.2: 2012 and AS 3666.1: 2011	Section 9

4.1 OBJECTIVES

The objectives of this air quality assessment were:

- Qualitatively determine if construction activities associated with Modification 13 impact upon the surrounding sensitive receivers.
- Qualitatively determine if the air quality environment surrounding The Star impacts upon the proposed development modification; and
- Determine if operational activities associated with Modification 13 impact upon the surrounding sensitive receivers.

4.2 SCOPE OF WORK

- Description of existing air quality at The Star;
- Identify potential source of emissions which may operationally affect Modification 13;
- Identify potential source of emissions which may affect air quality as a result of Modification 13;
- Identify the sensitive receptors in close proximity to The Star;
- Analysis of meteorological conditions, traffic conditions, existing land uses and existing air quality;
- Quantitative air quality assessment for the operation of gas turbines, including dispersion modelling; and
- Qualitative air quality assessment for the emergency diesel generators and commercial exhaust ventilation system and basement carpark.

THE STAR

STUDY AREA

5 STUDY AREA

5.1 SITE DESCRIPTION

The Star is located within a residential/commercial estate approximately 1.5 km west of the Sydney CBD. The land to the west and south of The Star is zoned as general residential, and the land to the north and east of The Star is zoned as public recreation.

The location of The Star is shown in Figure 1.1 (Appendix A).

5.2 SENSITIVE RECEPTORS

Sensitive receptors are defined as a location where people are likely to work or reside (NSW EPA, 2016). Examples of sensitive receptors include residential dwellings, school, hospital, office or public recreational areas.

The sensitive receptors surrounding The Star are shown in Table 5.1, including their northing and easting UTM coordinates and are illustrated in Figure 6.1 (Appendix A).

TABLE 5.1 SENSITIVE RECEPTOR LOCATIONS

Sensitive receptor	Type	Easting (UTM)	Northing (UTM)	Height (m AHD)
1	Residential	333, 127	6, 250, 815	12
2	Residential	333, 032	6, 250, 831	16
3	Residential	333, 010	6, 250, 890	12
4	Residential	332, 939	6, 251, 028	13
5	Residential	332, 953	6, 251, 077	15
6	Residential	332, 905	6, 251, 107	11
7	Residential	332, 884	6, 251, 143	21
8	Residential	332, 987	6, 251, 153	18
9 (ground level)	Residential	332, 985	6, 251, 107	14
9 (elevated)	Residential	332, 985	6, 251, 107	38
10	Tourist junction	333, 288	6, 251, 156	6

A number of commercial sensitive receivers are also present surrounding the project. These are detailed in Figure 6.1 (Appendix A).

5.3 ROAD NETWORK

The roads surrounding the development are shown in Figure 6.2 (Appendix A).

As part of the approval process for Modification 13, traffic counts were carried out at six locations on the roads to characterise existing traffic conditions and volumes. This was monitored between 22 July to 2 August 2016 during periods of typical traffic flow.

Table 5.2 presents measured traffic counts, percentage heavy vehicles surrounding The Star.

TABLE 5.2 - TRAFFIC VOLUME SURROUNDING STAR

Location	Day (7am to 10pm)		Night (10pm to 7am)	
	Total	% Heavy vehicles	Total	% Heavy vehicles
Jones Bar Road	6,377	5.1	2,603	3.3
Pirrama Rd near Light Rail	8,219	4.7	3,098	2.8
Pirrama Rd near Accenture	5,813	5.6	2,029	1.7
Pyrmont St 50m south of Jones Bay Road	6,821	4.8	2,435	3.2
Harris St 20m south of Jones Bay Road	6,627	5.1	1,243	3.5
Union St 20m east of Edward St	2,058	4.8	810	2.3

5.4 POTENTIAL AIR SOURCES

Activities within the local air shed in and around the site may have potential to contribute to air pollution. This includes the local roads surrounding the site's footprint, power generation used onsite and ventilation systems used to operate The Star.

5.4.1 Industrial Sources

A review of the National Pollution Inventory (NPI) for the suburb of Pyrmont indicated that there are no industrial sources that require further consideration.

5.4.2 Roads and Rail

Motor vehicles are a source of air pollution due to vehicular exhaust emissions and wheel generated dust. These have the potential to impact upon the operation of The Star.

It is noted that the light rail also passes within The Star. The operation of the light rail is not considered a potential air pollutant source.

5.4.3 Power Generation and exhaust vents

Emissions from the Project for power generation and exhaust vents include:

- 6 proposed gas turbines.
- 4 existing emergency diesel generators.
- Diesel storage tank vents.
- Basement carpark exhaust ventilation system.
- Commercial exhaust ventilation system.

Emissions from these sources are discussed in more detail in Section 7.

THE STAR

EXISTING CLIMATE AND AIR QUALITY

6 EXISTING CLIMATE AND AIR QUALITY

6.1 AMBIENT AIR QUALITY DATA

The NSW Office of Environment and Heritage (OEH) operates a network of monitoring stations around the state, which measures various ambient pollutant levels. The closest station to the site is located in Rozelle, which is located approximately 4.8 km north west of The Star and shown in Figure 6.2 (Appendix A). Rozelle monitoring station records particulate matter 10 microns or less in diameter (PM_{10}), particulate matter 2.5 microns or less in diameter ($PM_{2.5}$), NO_2, SO_2 and CO. Ambient air quality concentrations for 2015 are presented in Table 6.1 which matches the meteorological period chosen for modelling.

TABLE 6.1 EPA ROZELLE POLLUTANT MONITORING RESULTS FOR 2015 (µG/M^3)

Air Pollutant	Averaging period	Concentration
$PM_{2.5}$	Maximum 24 hour average	60 (44)
	Annual	17
$PM_{2.5}$	Maximum 24 hour average	33 (19)
	Annual	7
NO_2	1 hour maximum	113
	Annual	20
SO_2	1 hour maximum	73
	Maximum 24 hour average	13
	Annual	2
CO	8 hour maximum	1, 265

1 µg/m^3 – micrograms per cubic metre

PM_{10} recorded an exceedance in daily air quality criteria on the 6 May 2015. This exceedance is mostly likely due to multiple hazard reduction burns being conducted across the Sydney Metropolitan, Illawarra and Blue Mountains areas. This was the only exceedance recorded for PM_{10} throughout 2015, as the second highest daily average PM_{10} was 44 µg/m^3 on the 21 August 2015 and below the PM_{10} air quality criteria. The NSW EPA (2016) allow up to 5 daily PM_{10} exceedances per year to account for random natural events.

On the 21 August 2015, $PM_{2.5}$ 24 hour average concentration was 33 µg/m^3, which can attributed to a smoke hazed as a result hazard reduction burns in NSW national parks. Moreover, at the Rozelle station, the second highest maximum 24 hour average for $PM_{2.5}$ was 19 µg/m^3 on the 14 June 2015, making $PM_{2.5}$ levels compliant with the EPA's criteria, and also more representative of the existing environment.

Annual PM_{10} and $PM_{2.5}$ annual concentrations were both below the relevant criteria during 2015. NO_2, SO_2 and CO concentrations were all within the relevant criteria throughout 2015.

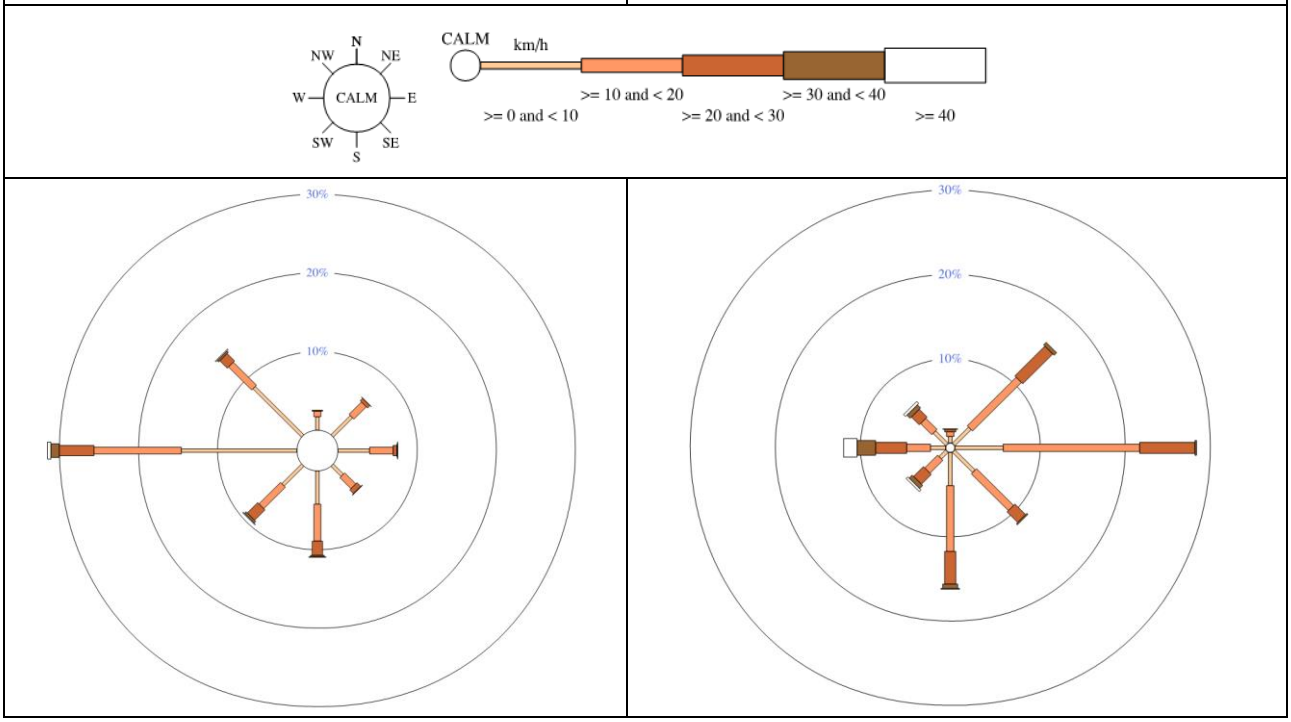
6.2 LOCAL METEOROLOGY

Meteorological data was been obtained from the Bureau of Meteorology (BoM) automatic weather station at Observatory Hill (066062), approximately 1.5 km to the northeast of The Star (Figure 6.2). Long term wind data displayed between 1979 to present (Figure 6.3), indicates that the predominant wind direction in the morning is from the west, and winds

most commonly occurring from the north east to east during the afternoons. Calm conditions are most frequent during the morning hours with 13% compared to 3% in the afternoon.

Wind speeds are generally higher in the afternoon compared to the morning, with an average of 10.6 km/h recorded at 9:00 in comparison to the 15:00 average of 16.6 km/ht. The highest average wind speeds occur during the month of November (19.1 km/h).

FIGURE 6.3 WIND ROSES, SYDNEY OBSERVATORY HILL (1979 TO PRESENT)

9:00 annual observations	15:00 annual observations
	

THE STAR

AIR QUALITY CRITERIA

7 AIR QUALITY CRITERIA

7.1 RELEVANT POLLUTANTS

7.1.1 Gas Generators

Gases produced from gas generators include NO_x, CO, sulphur dioxide (SO_2) and total organic volatile carbons (VOCs). Gas combustion has potential to release particulate emissions in minor concentrations.

7.1.2 Diesel Generators

Particulate matter released from diesel combustion is typically comprised as a 'fine' fraction. Approximately 97% of particulates are classified as $PM_{2.5}$, and can be considered the primary pollutant of concern.

Gases produced from diesel combustion include:

- Nitrogen dioxide (NO_x);
- Carbon monoxide (CO);
- Sulfur Dioxide (SO_2).
- Volatile Organic Compounds (VOC), in particular, Benzene.

7.1.3 Roads

For road traffic, the pollutant species of interest include nitrogen dioxide (NO_2), which is based on emissions of NO_x, as well as CO, VOCs, PM_{10} and $PM_{2.5}$.

7.1.4 Extraction Systems

The basement's carpark has potential to generate NO_2, CO or tVOC based on vehicular activity. This is released via an exhaust ventilation system.

The resturant's new commercial exhaust ventilation system may have potential to vent odourous emissions.

7.2 AIR IMPACT ASSESSMENT CRITERIA

The NSW Environmental Protection Authority's (EPA) has set air quality assessment criteria as part of their *Approved Methods for the Modelling and Assessment of Air Pollutants in NSW* (Approved Methods) (NSW EPA, 2016). Table 7.1 summarises the NSW EPA's air quality criteria for the pollutants considered in this assessment. In general, the criteria in Table 7.1 include the total burden of air pollutants in the local environment, and not just the air pollutants from project specific sources. A discussion of existing air quality levels in the study area is provided in Section 6.1.

TABLE 7.1 NSW EPA AIR QUALITY IMPACT ASSESSMENT CRITERIA (NSW EPA, 2016) (µG/M^3)

Air Pollutant	Averaging period	Criteria
PM_{10}	24 hour average	50
	Annual average	30
$PM_{2.5}$	24 hour average	25
	Annual average	8
NO_2	1 hour	246
	Annual	62
CO	8 hour	30, 000
SO_2	1 hour	570
	1 day	228
	1 year	60
tVOCs (as benzene)	1 hour	29

Note: µg/m^3 – micrograms per cubic metre

Odour assessment criteria needs to be designed to take into account the range in sensitivities to odours within a community. As detailed within NSW EPA (2006) *Technical Framework for Assessment and Management of Odour from stationary sources in NSW*, a summary of odour assessment criteria for various population densities is provided in Table 7.2.

TABLE 7.2 NSW EPA ODOUR ASSESSMENT CRITERIA

Population of affected community	Odour Assessment criteria (OU)
Rural single residence (≤2)	7.0
~ 10	6.0
~ 30	5.0
~125	4.0
~500	3.0
Urban area (≥ 2000) and / or near schools and hospitals	2.0

Based on the urban location of The Star, the adopted odour assessment criterion is 2.0 OU.

THE STAR

ASSESSMENT METHODOLOGY

8 ASSESSMENT METHODOLOGY

This section of the report details the emission scenarios and emission parameters that were used in the atmospheric dispersion modelling in this assessment of the gas turbines used in the central plant system. As the purpose of this report is to investigate the air quality impacts from works associated with Modification 13 only the plume discharge from the 6 gas turbines have been assessed.

8.1 MODEL SELECTION

Local air quality impacts are modelled using AERMOD, the United States Environmental Protection Agency's (US EPA) recommended steady-state plume dispersion model for regulatory purposes. AERMOD replaced the Industrial Source Complex (ISC) model for regulatory purposes in the US in December 2006. Ausplume, a steady state Gaussian plume dispersion model developed by the Victorian EPA and recommended in the Approved Methods for simple near-field applications, is largely based on the ISC model. AERMOD has also replaced Ausplume as the regulatory model for Victoria (EPA Victoria, 2013) and will likely be included as an approved regulatory model in the next update to the Approved Methods (NSW EPA, 2016). Compared to ISC and Ausplume, AERMOD represents an advanced new-generation model, which requires additional meteorological and land use inputs to provide more refined predictions. For example, it uses the Monin-Obukhov length scale rather than Pasquill-Gifford stability categories to account for the effects of atmospheric stratification.

The AERMOD system is composed of two pre-processors that generate the input files required by the AERMOD dispersion model: AERMET (for the preparation of meteorological data) and AERMAP (for the preparation of terrain data).

8.2 METEOROLOGICAL MODEL

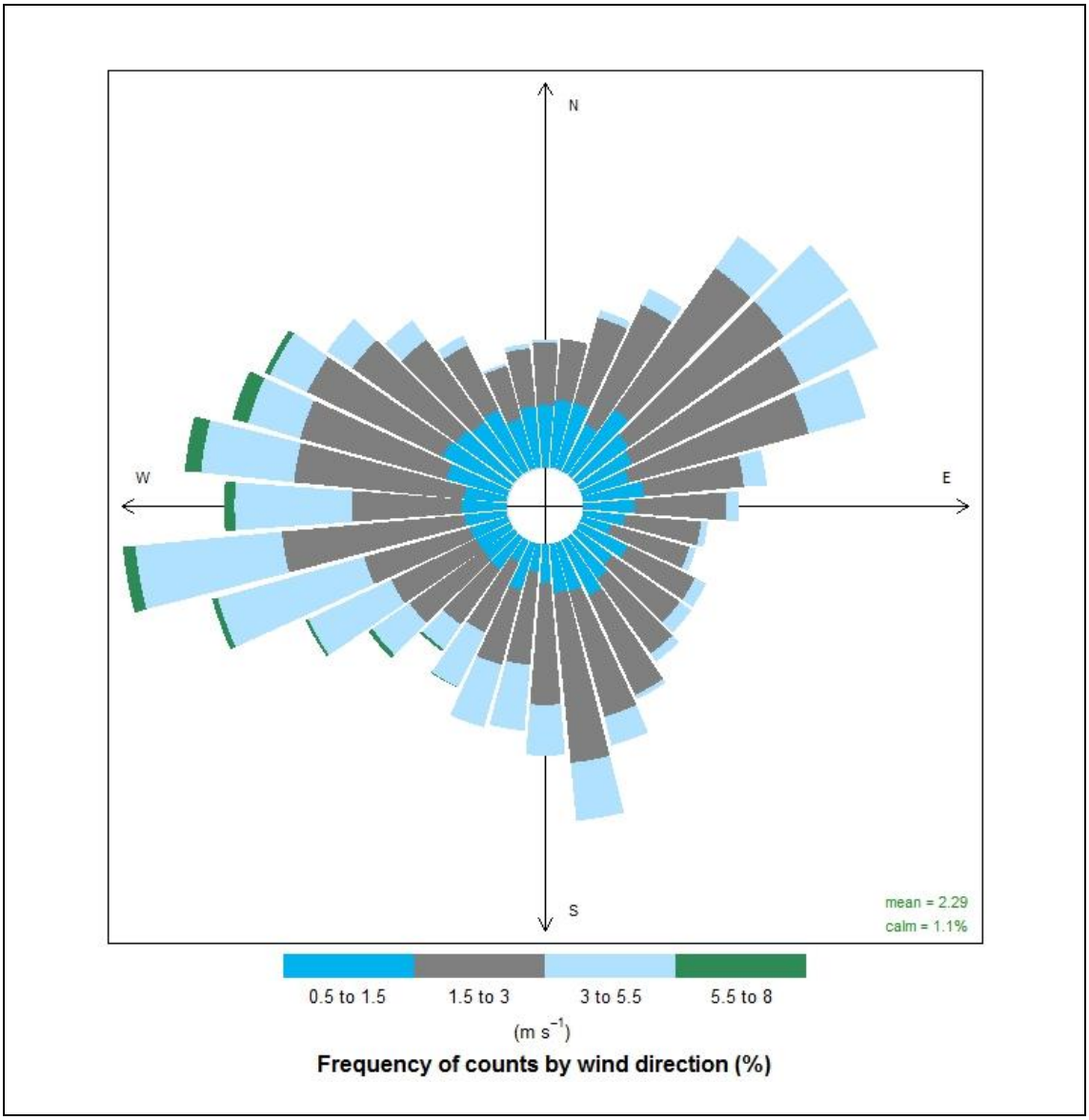
AERMET is typically run using the 'onsite' processing option, based on representative hourly measurements from a representative meteorological monitoring station. However, there are no suitable representative meteorological monitoring data in the vicinity of the Star. The closest BoM station, Observatory Hill, does not measure wind parameters. The next closest, at Fort Denison, is situated in the middle of the harbour and not considered representative for Pyrmont Bay, and similarly, measurements at the Rozelle OEH site cannot be considered representative of the site.

In the absence of suitable observations, the Approved Methods allows for site representative data to be generated using the CSIRO prognostic meteorological model The Air Pollution Model (TAPM). A TAPM modelling runs was therefore configured and run in accordance with the Section 4.5 of the Approved Methods. Observations from BoM monitoring sites (Sydney Airport, Canterbury Racecourse, Sydney Olympic Park) were included in the modelling, however the radius of influence for these sites does not extend far enough to significantly influence the location of the Star.

Rather than use TAPM data as AERMET input files, an AERMOD surface file and profile file were extracted directly from TAPM for modelling.

A wind rose showing wind speed and direction data for the TAPM generated meteorological file is presented in Figure 8.1. The TAPM data captures some of the dominant wind directions seen at Rozelle (northeast, northwest and south/southeast) and also displays winds from most directions, making it suitable for modelling impacts from the proposed gas turbines. The annual mean wind speed is 2.3 m/s and percentage occurrence of wind less than 0.5 m/s is low (1.1%).

FIGURE 8.1 *ANNUAL TAPM EXTRACT WINDROSE*



8.3 TERRAIN MAPPING

Terrain data for the wider modelling domain was sourced from NASA's Shuttle Radar Topography Mission data. This data set provided a high-resolution topography at approximately 30m grid spacing.

Existing buildings and the proposed tower for the Star development were incorporated into AERMOD for modelling building wake effects for the gas turbine stack. Other adjacent buildings (commercial or residential buildings) immediately adjacent to the Star were also included, as they are likely to have an influence on building wake effects.

8.4 BACKGROUND CONCENTRATIONS

NSW EPA (2016) require the highest background concentration of a pollutant, as measured by an appropriate monitoring station to be used to represent the background concentration. The other option is to use one year of monitoring data to contemporaneously with the meteorological data used in dispersion modelling to demonstrate that there are no additional exceedances in air quality criteria. It is necessary to incorporate to the background concentration to the predicted air quality concentration in order to provide a representative comparison against air quality criteria. The background concentrations adopted for this assessment were adopted from air quality monitoring data recorded at Rozelle station in 2015, which is discussed in Section 6. Rozelle station is shown on Figure 6.1 (Appendix A).

It should be noted the highest existing concentration for $PM_{2.5}$ in 2015 was 33 $\mu g/m^3$, which occurred during an extreme event, which already exceeds air quality criteria. To investigate any further exceedances in air quality criteria, the second highest concentration, 19 $\mu g/m^3$ was used for $PM_{2.5}$ background concentration.

8.5 METHODS FOR THE CONVERSION OF NO_X TO NO_2

The emission rates of oxides of nitrogen from the generators are modelled as total NO_x, which includes NO_2, NO and traces of NO_x. The principal species of concern (in terms of human health), is NO_2. While NO_2 will only make up a small proportion of total NO_x emitted by the generators at the point of discharge, the NO_2/NO_x ratio will increase as the plume travel downwind and the NO within the plume is oxidised to form additional NO_2.

Modelling of NO_x conversion to NO_2 used the simplified ambient ratio method, using NO_2/NO_X ratios based on monitoring data from Rozelle. The rations assumed were 0.7 for annual average and 0.9 for 1 hour average, based on the 98th percentile of the monitoring data.

8.6 EMISSION ESTIMATION -OPERATIONS

The section below describes the model scenario used to assess the air quality impacts of The Star based upon equipment and operating hours.

8.6.1 Modelling scenario

The operational scenario assumed that the 6 x Capstone C1000 microturbines (C1000) would operate continuously throughout the year.

8.6.2 Stack characteristics

Stack information and emission characteristics were provided by manufacturers' technical specification (Capstone, 2016 and T.S.F. Engineering Pty Ltd, 2011). Six C1000 gas turbine units were simulated to be released via one stack. The stack characteristics modelled for the operational scenario are provided in Table 8.1.

TABLE 8.1 STACK PARAMETERS OF THE GAS TURBINES

Parameter	Units	Normal operating scenario
Equipment type		C1000 Capstone Microturbine
Number of units	-	6
Number of stacks (all units)	all	1
Capacity	kW[1] per unit	1,000
Stack height	m	3
Stack diameter	m	0.305
Stack area	m^2	0.073
Exit velocity	m/s	10
Temperature	K [2]	553
Actual flow rate	m^3/s	0.735

1. Kilowatts
2. Kelvin

8.6.3 Emission factors

Emission factors for NO_x, CO and VOC were calculated using the equipment specific information available from Capstone (2016) and T.S.F. Engineering Pty Ltd (2011). $PM_{2.5}$ and SO_2 emission factors were derived from the National Pollutant Inventory's (NPI) *Emission estimate technique manual for Fossil Fuel Electric Power Generation* (2012). The NPI (2012) is a guideline which assists with calculating emission rates power generation. Calculated emission rates from the stack are presented in Table 8.2.

TABLE 8.2 AIR POLLUTANT STACK EMISSION RATES (G/S)

Pollutant	Emission factor (kg/MWh)	kW	Emission rate per gas turbine (g/s)	Emission rate per stack (g/s)
NO_x	0.2	200	$5.0x10^{-2}$	0.3
CO	0.5	200	0.1	0.8
SO_2	$7.9x10^{-7}$	200	$2.2x10^{-4}$	$1.3x10^{-3}$
tVOC	$1.5x10^{-2}$	200	$1.3x10^{-2}$	0.1
$PM_{2.5}$	$2.9x10^{-3}$	200	$8.1x10^{-4}$	$4.8x10^{-3}$

Notes

1. Calculated from NPI emission factors for power generation (NPI, 2012).
2. Concentration at stack conditions of 15% Oxygen
3. Based on fuel SO_2 content of 10 ppm (NPI, 2012)

THE STAR

IMPACT ASSESSMENT

9 IMPACT ASSESSMENT

9.1 QUALITATIVE ASSESSMENT

9.1.1 Construction

During construction the main potential impacts would be associated with the generation of particular matter and gaseous emissions. This is typically emitted from construction equipment and associated vehicular traffic. Areas of concern in relation to air quality from construction of The Star are:

- construction of a new hotel and residential accommodation tower at the northeast corner of the site, including new restaurant facilities, office facilities and car parking.
- demolition and additions to the existing building's new hotel tower and new facilities,
- works to provide enhanced access to the light rail station,
- renovations to the existing carparks' located on Pyrmont Street,
- internal building works.

During all works relating to construction, there is a potential for particulate matter to have a nuisance impact on sensitive receivers, such as adjacent residential areas, guests of The Star, or individuals accessing tourist areas and reserves, and commercial and retail business.

Dust generation may be due to the following activities

- vehicle moments causing wheel generated dust.
- works association with upgrades, such as demolition, cutting materials such as concrete slabs or bricks during construction
- loose construction material being transported off-site by localized winds (like stockpiles).
- Excavation for the planned for works associated with the basement carpark.

However, given the well-established nature of the site, activities applied during excavation such as clearing and handling of soils or site grading activities will be short-lived and minimal. Therefore it can be assumed that there will be no significant potential for any dust emissions. Furthermore, the likelihood of air quality impacts during construction would be low, given that activities are localized, and limited to the worksite only.

Construction machinery used during Modification 13 works have potential to emit both dust and exhaust fumes. Mitigation measures will be practiced to control any issues associated with dust emissions (Refer Section 10.1).

9.1.2 Roads

The DPE Development near Rail Corridors and Busy Roads Interim Guideline (2008) provides guidance on the air quality requirements for developments which are located in or adjacent to rail corridors or busy roads. The guideline details the requirements and implementation of the relevant provisions in the State Environmental Planning Policy (Infrastructure) 2007 (Infrastructure SEPP).

The guideline specifies that any development adjacent to a major road, defined as a road which carries an annual average daily traffic (AADT) of more than 40,000 vehicles is also subject to Infrastructure SEPP requirements. The nearest road that has an AADT of more than 40,000 vehicles is the Western Distributor which is at least 500 metres from the proposed development. As this road is not considered adjacent, the busy roads criteria in the guideline will not apply to this development.

9.1.3 Operational impacts

Diesel Generators

Four 2,170 kW back-up diesel generators are located within the existing plant room (level 3). These are pre-existing, and have been in place since the site was originally developed.

Diesel tanks with associated tank vents have also been in place since the original construction.

The only change to the design of the diesel generators for Modification 13 is the location of the stack and height. Due to the construction of the residential tower, the stack is being relocated:

- Existing diesel generators' discharge flue: currently located in the existing Green roof on level 3 have an RL 22.8 m (or 35.8m AHD)
- Diesel generators' discharge flue: proposed shift to the ribbon level on level 5 have an RL 29.8 m (or 45.8 m AHD)

Figure 8.1 (Appendix A) illustrates the change.

The diesel generators only operate as an emergency power supply. These generators are tested on a monthly basis as part of a routine maintenance program.

These generators have been present since construction of the site. The diesel generators are not a new item within Modification 13. Whilst the stack for the diesel generator is being moved, the distance to the nearest sensitive receivers is similar, and the emissions are considered to be of the same order of magnitude to that already approved. They have therefore not been assessed quantitatively within this assessment and are assumed to be an approved activity.

Due to the diesel generators being for emergency purposes, their consideration within any cumulative assessment was also not considered warranted.

As a proactive measure to reduce emissions from the diesel generators during maintenance, the following management practices will be implemented:

- Generator testing will be staggered. Only one generator will be turned on and tested at a time.
- Generators will only be tested at 50% load.

Commercial exhaust ventilation system

Restaurant facilities are planning to expand to include multiple new food and beverage outlets in the redevelopment of The Star. The new food and beverage outlets will incorporate commercial cooking facilities which will require a commercial exhaust ventilation system, which will be vertically discharged from the ribbon roof level.

To minimize risk of nuisance to users of The Star, neighbouring properties, and the general public, the exhaust discharge has been designed in accordance with the Australian Standard (AS) 1668.1:2015, AS 1668.2: 2012 and AS 3666.1: 2011. By incorporating electrostatic filters, water washing and ultraviolet treatment, air emissions will be mitigated. Furthermore, discharge locations will be co-ordinated to ensure an appropriate separation distance to the design footprint, as stipulated by the AS 1668.2: 2012, will minimise risk of exhaust air affecting local sensitive receptors.

Basement carpark

A below ground entrance driveway and carpark will be constructed as a part of Modification 13. It is currently proposed a proprietary car stacking system will be used for the basement carparks' design. There will be an exhaust ventilation system developed in conjunction with the car stacking system as per the AS 1668.2:2012 to release any NO_2, CO or tVOC emissions. These changes are understood to not increase emissions from the already approved underground carpark, and therefore there will be limited air quality impacts to localised sensitive receptors.

9.2 QUANTIATIVE ASSESSMENT

Section 9.2 describes the results predicted from the dispersion modelling of the 6 gas turbines.

The predicted ground level incremental concentrations from dispersion modelling of normal operations are presented in Table 9.1 for the criteria pollutants (excluding NO_2). All other pollutants were less than 2% of the respective air quality criteria, and as such were not assessed for cumulatively impacts. The predicted ground level incremental and cumulative concentrations of NO_2 are shown in Table 9.2..

TABLE 9.1 PREDICTED INCREMENTAL MAXIMUM AIR POLLUTION CONCENTRATIONS FOR NORMAL OPERATION OF THE STAR (µG/M³)

Sensitive receptor	Predicted maximum concentration						
	CO	SO_2			tVOCs	$PM_{2.5}$	
	8 hour	1 hour	24 hour	Annual	1 hour	24 hour	Annual
1	115	0.2	0.1	$9x10^{-3}$	15	0.4	$3x10^{-2}$
2	86	0.2	$8 x10^{-2}$	$7x10^{-3}$	12	0.3	$3x10^{-2}$
3	106	0.2	0.1	$1 x10^{-2}$	13	0.5	$5x10^{-2}$
4	30	0.1	$3 x10^{-2}$	$2x10^{-3}$	8	0.1	$6x10^{-3}$
5	45	0.1	$4 x10^{-2}$	$3x10^{-3}$	8	0.1	$1x10^{-2}$
6	28	0.1	$3 x10^{-2}$	$2x10^{-3}$	5	0.1	$6x10^{-3}$
7	28	0.1	$3 x10^{-2}$	$2x10^{-3}$	5	0.1	$6x10^{-3}$
8	35	0.1	$3 x10^{-2}$	$2x10^{-3}$	7	0.1	$9x10^{-3}$
9 (ground level)	54	0.2	$5 x10^{-2}$	$4x10^{-3}$	10	0.2	$1x10^{-2}$
9 (24 m AHD)	64	0.2	$5 x10^{-2}$	$4x10^{-3}$	13	0.2	$2x10^{-2}$
10	21	$7x10^{-2}$	$2x10^{-2}$	$2x10^{-3}$	5	$7 x10^{-2}$	$6x10^{-3}$
Criteria (µg/m³)	**10,000**	**570**	**228**	**60**	**29**	**25**	**8**

TABLE 9.2 PREDICTED MAXIMUM NO_2 CONCENTRATIONS FOR NORMAL OPERATION OF THE STAR ($\mu g/m^3$)

Sensitive receptor	1 hour		Annual	
	Incremental	Cumulative [1]	Incremental	Cumulative [2]
1	58	171	2.1	22
2	46	159	1.7	2
3	49	162	3.0	3
4	29	142	0.4	0.4
5	30	143	0.7	1
6	19	132	0.4	0.4
7	20	133	0.4	0.4
8	25	138	0.6	1
9 (ground level)	37	150	0.8	1
9 (24 m AHD)	49	162	1.0	1
10	17	130	0.4	0.4
Criteria ($\mu g/m^3$)	**246**		**62**	

Notes:

1. Background 1 hourly NO_2 concentration of 113 $\mu g/m^3$
2. Background annual NO_2 concentration of 20 $\mu g/m^3$

The results of the dispersion modelling indicate for a normal operating scenario predicted ground level concentrations of all pollutants are below the relevant air quality criteria. In most cases concentrations were 2% or below the air quality criteria (Table 9.1).

The pollutant with the highest impact compared to the air quality criteria is NO_2. This was assessed cumulatively with the highest hourly and annual background concentration using data from 2015, and is shown in Table 9.2. The maximum predicted hour average ground level concentration was 171 $\mu g/m^3$ at sensitive receptor 1, which is 69% of the air quality criteria of 246 $\mu g/m^3$. The minimum predicted impact on the air quality under normal operating conditions is 130 $\mu g/m^3$ at sensitive receptor 10, which is 53% of the air quality criteria.

THE STAR

DISCUSSION

10 DISCUSSION

Air pollutant emission sources proposed as part of works associated with Modification 13 may have potential to impact nearby sensitive receptors. Sources emitting air pollutants may be a result of:

- Demolition and construction activities
- Gas turbine combustion
- Diesel generators combustion
- Operation of the basement's carpark exhaust ventilation system
- Operation of the commercial exhaust ventilation system

10.1 IMPACTS FROM CONSTRUCTION

Construction activities were assessed as having potential to generate dust and vehicular emissions during demolition and construction. This is likely to come from vehicle moments, upgrading/installation works and construction materials being transported offsite. However, with implementation of a well-practised mitigation management plan dust issues onsite can be contained and thus controlled to meet air quality objectives.

The following mitigation measures described below will be implemented:

- Vehicles and plant/equipment should be fitted with appropriate emission control equipment and be serviced and maintained in accordance with the manufacturers' specifications.
- Loads comprising loose material entering or leaving a site should be covered.
- Dusty activities should be dampened, particularly during dry weather.
- Drop heights for materials should be minimised to control the fall of materials.
- Cutting of materials such as concrete slabs or bricks should be undertaken with extraction or suppression where possible. Pouring water over material as it is being cut can greatly reduce the amount of dust generated.
- Skips should be securely covered.
- Materials should be removed from site as soon as practicable.

Construction air quality mitigation measures will be developed with the managing contractor leading up to and during the construction phase. The managing contractor is key to the provision to these measures as they will inform the construction processes to be assessed and ensure that all operational and physical air quality mitigation measures will be integrated.

As the Managing Contractor has not yet been appointed for the development, any Construction Air Quality Management Plan (CAQMP) undertaken at this stage would be conceptual only. The Managing Contractor is key to the provision of a CAQMP as they will inform the construction processes to be assessed and ensure that all operational and mitigation measures will be integrated in to the project. As such, a detailed assessment shall be undertaken once a contractor is appointed and additional detailed construction methods are known. Based on the assessment, the managing contractor shall put in place a Construction Air Quality Management Plan (CAQMP) to manage the risk associated with construction air quality issues from the works and incorporate the above mitigation measures.

10.2 IMPACTS FROM OPERATION

10.2.1 Commercial exhaust ventilation system

The commercial exhaust ventilation system which will be installed under Modification 13's work was examined for issues associated with odour in Section 9.1.3. As this ventilation system will use appropriate filters and treatments for discharge release, and also be designed to the appropriate Australian Standard, local nearby sensitive receptors will not be affected by odour.

10.2.2 Basement carpark

Air quality impacts as a result of installation of the basement car stacker's carpark exhaust ventilation system were addressed in Section 9.1.3. As this system will be designed to the Australian Standards, local nearby sensitive receptors will not be affected.

10.2.3 Diesel generators

The diesel generators are already pre-existing, and not an additional element as part of Modification 13's proposed design.

10.2.4 Gas turbines

Detailed modelling of gas turbines emissions for NO_2, CO, SO_2, tVOCs and $PM_{2.5}$ were undertaken to assess potential impacts as a result of power generation. This was assessed at 10 individual sensitive receptors. The modelling results in Section 9.2 indicated that air quality impacts for the operation of the gas turbines will comply with NO_2, CO, SO_2, tVOCs and $PM_{2.5}$ air quality criteria at the nearest sensitive receiver's. A review of each pollutant isopleth indicated that the adjacent commercial receivers were also not impacted by the operation of the gas turbines.

10.3 IMPACTS ON PROPOSED RESIDENTIAL APARTMENTS IN TOWER

It is proposed that level 5 to level 38 of the tower will be for residential use. Based on information provided within this air quality assessment, with regard to the residential tower the following is noted:

- Local road traffic is the dominant road type in the area surrounding the site. The nearest significant road is the western distributor, more than 500 metres from this new residential use. With regard to air quality, the emissions from the surrounding road traffic is therefore considered to be a low risk.
- Air emissions from the commercial exhaust ventilation system and the basement carpark exhaust will be designed in accordance the relevant Australian standard. With regard to air quality, these emissions are therefore considered to be a low risk.
- Emergency diesel generators stacks are located at a distance greater than 50 metres from the residential tower. If the described management practices described within Section 9.1.3 are implemented, with regard to air quality, emissions from this source are therefore considered to be a low risk.

THE STAR

CONCLUSION

11 CONCLUSION

An assessment of the potential air quality impacts associated with changes proposed under Modification 13 to The Star has been conducted in accordance with the Secretary's Environmental Assessment Requirements (SEARs).

The SEARs present one Key Issue which relate to air quality ad odour the proposal. These require the proposal to address and demonstrate the modification will have limited environmental impacts beyond those already assessed as part of MP08_0098. The current approval, MP 08_0098 (Modification 14), was assessed against the relevant policies, guidelines and approval conditions. To determine if the proposed Modification 13 works can be built to have limited environmental impact beyond that already approved, these same air quality criteria are used. It is considered that in assessing compliance with these criteria, the proposal will demonstrate limited environmental impact.

As part of the SEARs approval process for Modification 13, an air quality assessment must identify and address any air quality impacts as a result of the construction and operation works associated with Modification 13. The site, which is located within a residential/commercial estate, has a total of 10 sensitive receptors.

The air quality assessment identified and concluded the following:

- Dust issues associated with demolition and construction activities are unlikely to occur due to the types of construction activities planned and management practises to be implemented by the construction manager onsite. Any arises that are to arise will be controlled with mitigation measures.
- Regarding air quality, no surrounding activities were deemed to impact upon The Star.
- A qualitative assessment for impact to air quality as a result of the commercial exhaust vent and the car stacker's basement carpark ventilation system determined air quality and odour impacts would be unlikely, due to incorporation of ventilation control technologies.
- Air quality impacts from the surrounding environment and operation of the site upon the residential tower are considered a low risk.
- Air quality emissions associated with the proposed 6 gas turbines were modelled at 10 sensitive receptors for NO_2, SO_2, CO, tVOCs and $PM_{2.5}$. This determined the air concentrations for all pollutants emitted were not predicted to impact upon the surrounding sensitive receivers.

It is noted that mitigation measures have been proposed as part of the proposed development, including:

- As a proactive measure to reduce emissions from the diesel generators during maintenance, the following management practices will be implemented:
    - Generator testing will be staggered. Only one generator will be turned on and tested at a time.
    - Generators will only be tested at 50% load.
- Construction related mitigation measures.

Based on the above, it is concluded that the proposal (Modification 13) has limited impact upon the surrounding (at the nearest sensitive receivers) air quality environment.

THE STAR

LIMITATIONS

12 LIMITATIONS

The design criteria and strategies used for this assessment should be considered preliminary only, and will be further developed with the relevant stakeholders during the design period.

This assessment was prepared in June 2018, and is based on the conditions encountered and design information reviewed at the time of the assessment. WSP disclaims any responsibility for any changes that may have occurred after this time.

The assessment should be read in full. No responsibility is accepted for use of any part of this assessment in any other context or for any other purpose by third parties. This report does not purport to give legal advice. Legal advice can only be given by qualified legal practitioners.

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REFERENCES

13 REFERENCES

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THE STAR

APPENDIX A
FIGURES

14 APPENDIX A – FIGURES

Map: 2270557A_GIS_001_A1	Author: RP	
Date: 19/04/2017	Approved by: -	

Data source: © Land and Property Information 2015

0 50 100 m

1:5,000

Coordinate system: GDA 1994 MGA Zone 56

Scale ratio correct when printed at A3

Star City Sydney Air Quality Assessment
Figure 1.1
The Star site location

WSP | PARSONS BRINCKERHOFF

Map: 2270557A_GIS_002_A2	Author: RP		
Date: 18/05/2017	Approved by: -		

Data source: © Land and Property Information 2015

0 25 50 m

1:2,500

Coordinate system: GDA 1994 MGA Zone 56

Scale ratio correct when printed at A3

Star City Sydney Air Quality Assessment
Figure 6.1
Sensitive receptor location map

WSP | PARSONS BRINCKERHOFF

330000 331000 332000 333000 334000

6255000 6254000 6253000 6252000 6251000 6250000 6249000 6248000

DUNOIS STREET
STUART STREET
MARY STREET
VIRET STREET
POINT ROAD
BENT LANE
GREENWICH ROAD
CHISHOLM STREET
MILRAY AVENUE
TRYON AVENUE
SHIRLEY LANE
SHIRLEY ROAD
ROCKLANDS ROAD
HAZELBANK ROAD
CROWS NEST ROAD
WEST STREET
MILLER STREET
WARRINGAH FREEWAY
BENT STREET
ALFRED STREET
BAY ROAD
EDWARD STREET
CARR STREET
PACIFIC HIGHWAY
WALKER STREET
ARTHUR STREET
CLARK ROAD
KIDDSWORTH STREET
THE POINT ROAD
VERNON STREET
WOOLWICH ROAD
WYBALENA ROAD
LEVESINET DRIVE
GALE STREET
MANNS AVENUE
BALLS HEAD ROAD
LARKIN STREET
UNION STREET
LAVENDER STREET
HIGH STREET
McDOUGALL STREET
VICTORIA STREET
BLUES POINT ROAD
ENNIS ROAD
FITZROY STREET
LOUISA ROAD
ST GEORGES CRESCENT
FERRY LANE
PARK AVENUE
ROSEBY STREET
GOW STREET
GROVE STREET
GIPPS STREET
ROWNTREE STREET
SHORT STREET
McKELL STREET
BRADFIELD HIGHWAY
SYDNEY HARBOUR TUNNEL
ELLIOTT STREET
CURTIS ROAD
DUKE STREET
HICKSON ROAD
WINDMILL STREET
HIGH LANE
CUMBERLAND STREET
HARRINGTON STREET
GEORGE STREET
Observatory Hill BoM station
CAHILL EXPRESSWAY
LAWSON STREET
BEATTIE STREET
DARLING STREET
VINCENT STREET
TERRY STREET
BRUCE STREET
REYNOLDS STREET
KENT STREET
PHILLIP STREET
VICTORIA ROAD
MERTON STREET
MANSFIELD STREET
MANNING STREET
Rozelle air quality monitoring station
POINT STREET
PIRRAMA ROAD
BOWMAN STREET
THE PROMENADE
HOSPITAL ROAD
MACQUARIE STREET
PITT STREET
YORK STREET
CLARENCE STREET
CASTLEREAGH STREET
ELIZABETH STREET
SUPPLY ROAD
WHARF ROAD
PARK DRIVE
FOUCART STREET
CECILY STREET
EVANS STREET
GORDON STREET
JAMES CRAIG ROAD
WESTERN DISTRIBUTOR
HARRIS STREET
PYRMONT STREET
DARLING DRIVE
WHEAT ROAD
SUSSEX STREET
GARDEN WAY
JOSEPH STREET
CITY-WEST LINK ROAD
RAILWAY PARADE
THE CRESCENT
COOK STREET
PARK STREET
CROSS CITY TUNNEL
COLLEGE STREET
LILYFIELD ROAD
BRENAN STREET
PIPER STREET
WHITE STREET
YOUNG STREET
ANNANDALE STREET
PIPER LANE
VIEW STREET
ARCADIA ROAD
TOXTETH ROAD
FERRY ROAD
WATTLE STREET
FIG LANE
WENTWORTH PARK ROAD
JONES STREET
BULWARA ROAD
PIER STREET
LIVERPOOL STREET
GOULBURN STREET
CAMPBELL STREET
HAY STREET
RILEY STREET
CROWN STREET
YURONG STREET
DERBYSHIRE ROAD
ILKA STREET
MOORE STREET
JOHNSTON STREET
TRAFALGAR LANE
NELSON LANE
BOOTH STREET
BRIDGE ROAD
GLEBE POINT ROAD
MITCHELL STREET
COWPER STREET
BAY STREET
MOUNTAIN STREET
MARY ANN STREET
ULTIMO ROAD
EDDY AVENUE
ALBION STREET
FOVEAUX STREET
KIPPAX STREET
COOPER STREET
DEVONSHIRE STREET
BELVOIR STREET
GOODLET STREET
JAMES STREET
BOURKE STREET
BAPTIST STREET
REDFERN STREET
MACKENZIE STREET
CATHERINE STREET
EMMA STREET
JOHN STREET
NORTON STREET
BALMAIN ROAD
WHITES CREEK LANE
YOUNG LANE
COLLINS STREET
NELSON STREET
WIGRAM ROAD
WIGRAM LANE
HEREFORD STREET
BOYCE LANE
ST JOHNS ROAD
PYRMONT BRIDGE ROAD
ARUNDEL STREET
BROADWAY
PARK LANE
REGENT STREET
CHALMERS STREET
MANNING ROAD
WESTERN AVENUE
FISHER ROAD
CITY ROAD
SHEPHERD STREET
PINE STREET
ABERCROMBIE STREET
MALLETT STREET
MISSENDEN ROAD
AUSTRALIA STREET
DENISON STREET
ROBERTS LANE
CHURCH STREET
CARILLON AVENUE
LANDER STREET
CLEVELAND STREET
KING STREET
WILSON STREET
GIBBONS STREET
COPE STREET
RENWICK STREET
DOT LANE
ALBION LANE
PARRAMATTA ROAD
CORUNNA ROAD
MACAULAY ROAD
ST MARYS LANE
KINGSTON LANE

Legend

- Observatory Hill BoM station
- Rozelle air quality monitoring station
- The Star boundary

Map: 2270557A_GIS_009_A1	Author: RP
Date: 19/04/2017	Approved by: -

Data source: © Land and Property Information 2015

0 200 400 m

1:20,000

Coordinate system: GDA 1994 MGA Zone 56

Scale ratio correct when printed at A3

Star City Sydney Air Quality Assessment

Figure 6.2

Air quality and meteorological observation stations

WSP | PARSONS BRINCKERHOFF

Map: 2270557A_GIS_003_A2	Author: RP	0 25 50 m	**Star City Sydney Air Quality Assessment**
Date: 19/04/2017	Approved by: -	1:2,500	**Figure 8.1**
Data source: © Land and Property Information 2015		Coordinate system: GDA 1994 MGA Zone 56 Scale ratio correct when printed at A3	Proposed site equipment location map

THE STAR

APPENDIX B
EXAMPLE AERMOD OUTPUT FILE

15 APPENDIX B – EXAMPLE AERMOD OUTPUT FILE

```
** Lakes Environmental AERMOD MPI
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.1.0
** Lakes Environmental Software Inc.
** Date: 17/03/2017
** File: C:\Proj\Star\NOx.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Proj\Star\NOx.isc
   TITLETWO NO2
   MODELOPT CONC BETA LOWWIND2 ARM
   AVERTIME 1 PERIOD
   POLLUTID NO2
   FLAGPOLE 0.00
   RUNORNOT RUN
** NO2 Conversion Options
   ARMRATIO 0.900 0.700
   LOW_WIND 0.4000 0.5657 0.9500
   ERRORFIL NOx.err
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION STCK1        POINT      333077.000  6250900.000       41.300
** DESCRSRC Southern Gas Turbine Stack
   LOCATION STCK4        POINT      333012.000  6251081.000       24.820
** DESCRSRC Diesel Current
   LOCATION STCK5        POINT      333044.000  6251159.000       13.700
** DESCRSRC Diesel Proposed
** Source Parameters **
   SRCPARAM STCK1             0.3    31.500   553.000  10.00000     0.305
   SRCPARAM STCK4            9.52    36.000   781.000  10.00000     0.450
   SRCPARAM STCK5            9.52    36.000   781.000  10.00000     0.450

** Building Downwash **
   BUILDHGT STCK1           40.00    40.00    40.00    40.00    40.00    40.00
   BUILDHGT STCK1           40.00    40.00    40.00    40.00    40.00    40.00
   BUILDHGT STCK1           40.00    40.00    40.00    40.00    40.00    40.00
   BUILDHGT STCK1           40.00    40.00    40.00    40.00    40.00    40.00
   BUILDHGT STCK1           40.00    40.00    40.00    40.00    40.00    40.00
   BUILDHGT STCK1           40.00    40.00    40.00    40.00    40.00    40.00

   BUILDHGT STCK4          190.00   190.00   190.00   190.00   190.00   190.00
   BUILDHGT STCK4          190.00    40.00    40.00    40.00    40.00    40.00
   BUILDHGT STCK4           40.00    40.00    40.00    40.00    40.00   190.00
   BUILDHGT STCK4          190.00   190.00   190.00   190.00   190.00   190.00
   BUILDHGT STCK4          190.00    40.00    40.00    40.00    40.00    40.00
   BUILDHGT STCK4           40.00    40.00    40.00    40.00    40.00   190.00

   BUILDHGT STCK5          190.00   190.00   190.00   190.00   190.00   190.00
   BUILDHGT STCK5          190.00    40.00    40.00    40.00    40.00    40.00
   BUILDHGT STCK5           40.00    40.00    40.00    40.00   190.00   190.00
   BUILDHGT STCK5          190.00   190.00   190.00   190.00   190.00   190.00
   BUILDHGT STCK5          190.00    40.00    40.00    40.00    40.00    40.00
   BUILDHGT STCK5           40.00    40.00    40.00    40.00   190.00   190.00

   BUILDWID STCK1           72.46    73.02    71.35    41.59    50.75    53.87
   BUILDWID STCK1           44.48    74.92    78.69    40.10    40.46    43.15
   BUILDWID STCK1           52.81    60.86    61.30    45.80    45.83    73.00
   BUILDWID STCK1           72.46    73.02    71.35    41.59    50.75    53.87
   BUILDWID STCK1           44.48    74.92    78.69    40.10    40.46    43.15
   BUILDWID STCK1           52.81    60.86    61.30    45.80    45.83    73.00

   BUILDWID STCK4           43.34    47.50    50.23    51.43    51.06    49.15
   BUILDWID STCK4           47.00   120.84   116.42   109.95   103.12    95.67
   BUILDWID STCK4           86.73    75.16    61.30    45.80    41.58    37.92
   BUILDWID STCK4           43.34    47.50    50.23    51.43    51.06    49.15
   BUILDWID STCK4           47.00   120.84   116.42   109.95   103.12    95.67
   BUILDWID STCK4           86.73    75.16    61.30    45.80    41.58    37.92

   BUILDWID STCK5           43.34    47.50    50.23    51.43    51.06    49.15
   BUILDWID STCK5           47.00   120.84   116.42   109.95   103.12    95.67
   BUILDWID STCK5           86.73    75.16    61.30    45.80    37.45    37.92
   BUILDWID STCK5           43.34    47.50    50.23    51.43    51.06    49.15
   BUILDWID STCK5           47.00   120.84   116.42   109.95   103.12    95.67
   BUILDWID STCK5           86.73    75.16    61.30    45.80    37.45    37.92

   BUILDLEN STCK1           20.24    32.18    43.15    76.78    70.99    67.06
   BUILDLEN STCK1           71.22    45.83    38.00    39.21    38.58    71.35
   BUILDLEN STCK1           67.52    61.63   118.63   121.58    74.92    21.96
   BUILDLEN STCK1           20.24    32.18    43.15    76.78    70.99    67.06
   BUILDLEN STCK1           71.22    45.83    38.00    39.21    38.58    71.35
   BUILDLEN STCK1           67.52    61.63   118.63   121.58    74.92    21.96

   BUILDLEN STCK4           40.96    41.40    41.82    40.96    38.86    35.58
   BUILDLEN STCK4           35.85    41.58    50.52    60.22    73.29    89.06
   BUILDLEN STCK4          102.12   112.08   118.63   121.58   120.84    40.04
   BUILDLEN STCK4           40.96    41.40    41.82    40.96    38.86    35.58
   BUILDLEN STCK4           35.85    41.58    50.52    60.22    73.29    89.06
   BUILDLEN STCK4          102.12   112.08   118.63   121.58   120.84    40.04

   BUILDLEN STCK5           40.96    41.40    41.82    40.96    38.86    35.58
   BUILDLEN STCK5           35.85    41.58    50.52    60.22    73.29    89.06
   BUILDLEN STCK5          102.12   112.08   118.63   121.58    43.88    40.04
   BUILDLEN STCK5           40.96    41.40    41.82    40.96    38.86    35.58
   BUILDLEN STCK5           35.85    41.58    50.52    60.22    73.29    89.06
   BUILDLEN STCK5          102.12   112.08   118.63   121.58    43.88    40.04

   XBADJ    STCK1          -46.78   -48.65   -49.03   -40.31   -42.36   -41.43
   XBADJ    STCK1          -36.23   -44.86   -45.99    17.80    13.97    -3.92
   XBADJ    STCK1            2.29     8.42  -194.10  -193.33   -60.77    28.68
   XBADJ    STCK1           26.54    16.46     5.88   -36.47   -28.63   -25.63
   XBADJ    STCK1          -35.00    -0.98     7.99   -57.01   -52.55   -67.43
   XBADJ    STCK1          -69.80   -70.05    75.47    71.75   -14.15   -50.64

   XBADJ    STCK4           41.16    41.39    40.37    38.12    34.71    30.25
   XBADJ    STCK4           24.87   -38.05   -30.74   -24.14   -18.88   -17.97
   XBADJ    STCK4          -16.52   -14.56   -12.16    -9.39    -6.34   -79.71
   XBADJ    STCK4          -82.12   -82.80   -82.19   -79.08   -73.58   -65.83
   XBADJ    STCK4          -60.72    -3.53   -19.78   -36.08   -54.41   -71.08
   XBADJ    STCK4          -85.60   -97.52  -106.47  -112.19  -114.50    39.67

   XBADJ    STCK5           38.90    39.12    38.14    36.00    32.77    28.55
   XBADJ    STCK5           23.46   -39.13   -31.46   -24.48   -18.82   -17.52
   XBADJ    STCK5          -15.68   -13.37   -10.65    -7.61   -72.88   -77.55
   XBADJ    STCK5          -79.86   -80.52   -79.96   -76.97   -71.64   -64.13
   XBADJ    STCK5          -59.30    -2.45   -19.06   -35.74   -54.47   -71.54
   XBADJ    STCK5          -86.44   -98.71  -107.98  -113.97    29.00    37.51

   YBADJ    STCK1          -20.45   -26.51   -31.76    33.78    33.49   -41.23
   YBADJ    STCK1          -41.98    23.31    18.33    20.74    26.85   -27.46
   YBADJ    STCK1          -21.52   -14.94    -4.73   -27.92   -21.94    13.78
   YBADJ    STCK1           20.45    26.51    31.76   -33.78   -33.49    41.23
   YBADJ    STCK1           41.98   -23.31   -18.33   -20.74   -26.85    27.46
   YBADJ    STCK1           21.52    14.94     4.73    27.92    21.94   -13.78
```

```
   YBADJ    STCK4          -20.53    -9.41     2.00    13.35    24.29    34.49
   YBADJ    STCK4           44.28   -54.08   -55.12   -55.23   -55.15   -52.14
   YBADJ    STCK4          -46.83   -40.10   -32.15   -23.34   -17.26    30.99
   YBADJ    STCK4           20.53     9.41    -2.00   -13.35   -24.29   -34.49
   YBADJ    STCK4          -44.28    54.08    55.12    55.23    55.15    52.14
   YBADJ    STCK4           46.83    40.10    32.15    23.34    17.26   -30.99

   YBADJ    STCK5          -20.19    -9.47     1.55    12.51    23.10    32.98
   YBADJ    STCK5           42.49   -56.08   -57.28   -57.48   -57.42   -54.37
   YBADJ    STCK5          -48.95   -42.04   -33.86   -24.75    36.38    30.27
   YBADJ    STCK5           20.19     9.47    -1.55   -12.51   -23.10   -32.98
   YBADJ    STCK5          -42.49    56.08    57.28    57.48    57.42    54.37
   YBADJ    STCK5           48.95    42.04    33.86    24.75   -36.38   -30.27

   SRCGROUP NG       STCK1
   SRCGROUP DiesP    STCK5
   SRCGROUP DiesC    STCK4
   SRCGROUP NGDP     STCK1 STCK5
   SRCGROUP NGDC     STCK1 STCK4
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED NOx.rou
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE t010a_m013013.sfc
   PROFFILE t010a_m013013.PFL
   SURFDATA 0 2015
   UAIRDATA 1 2015
   SITEDATA 1 2015
   PROFBASE 10.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 NG 1ST NOX.AD\01H1G001.PLT 31
   PLOTFILE 1 DiesP 1ST NOX.AD\01H1G002.PLT 32
   PLOTFILE 1 DiesC 1ST NOX.AD\01H1G003.PLT 33
   PLOTFILE 1 NGDP 1ST NOX.AD\01H1G004.PLT 34
   PLOTFILE 1 NGDC 1ST NOX.AD\01H1G005.PLT 35
   PLOTFILE PERIOD NG NOX.AD\PE00G001.PLT 36
   PLOTFILE PERIOD DiesP NOX.AD\PE00G002.PLT 37
   PLOTFILE PERIOD DiesC NOX.AD\PE00G003.PLT 38
   PLOTFILE PERIOD NGDP NOX.AD\PE00G004.PLT 39
   PLOTFILE PERIOD NGDC NOX.AD\PE00G005.PLT 40
   SUMMFILE NOx.sum
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of           26 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 CO W122      21       MODOPT: LowWind2 Beta Option specified on MODELOPT Keyword   Non-DFAULT
 CO W132      21       MODOPT: Minimum sigmav value (SVmin) for LW2/LW3 Beta Opt       0.3 m/s
 CO W133      21       MODOPT: Maximum FRAN value (FRANmax) for LW2/LW3 Beta Opt        0.95
 CO W380      27   ARM_Ratios: This Input Variable is Out-of-Range:              ARM1hr > .80
 CO W380      27   ARM_Ratios: This Input Variable is Out-of-Range:              ARM_Ann >.80
 CO W112      28      LOW_WND: User-specified minimum Sigma-V on LOW_WIND Keyword       0.4000
 CO W113      28      LOW_WND: User-specified minimum WindSpeed on LOW_WIND Keywd       0.5657
 CO W114      28      LOW_WND: User-specified maximum FRAN on the LOW_WIND Keywrd       0.9500
 CO W361      30       COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2 require MULTYEAR Opt
 SO W299     162        SRCQA: SRCGROUP ALL is missing, but is NOT required for     ARM Option
 ME W187     185       MEOPEN: ADJ_U* Beta Option for Low Winds used in AERMET      Non-DFAULT
 ME W181     185       MEOPEN: BULKRN Delta-T & SolarRad option for SBL was used     in AERMET
 MX W184     185       MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL17  1248m
 MX W184     185       MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL18  1497m
 MX W184     185       MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL19  1747m
 MX W184     185       MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL20  1997m
 MX W184     185       MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL21  2246m
 MX W184     185       MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL22  2496m
 MX W184     185       MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL23  2995m
 MX W184     185       MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL24  3494m
 MX W184     185       MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL25  3993m
 MX W184     185       MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL26  4492m
 MX W184     185       MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL27  4992m
 MX W184     185       MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL28  5990m
 MX W184     185       MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL29  6988m
 MX W184     185       MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL30  7986m

 ************************************
 *** SETUP Finishes Successfully ***
 ************************************

♀ *** AERMOD - VERSION  15181 ***   *** C:\Proj\Star\NOx.isc                                                    ***        03/17/17
 *** AERMET - VERSION  15181 ***   *** NO2                                                                     ***       17:07:31
                                                                                                                      PAGE   1
 **MODELOPTs:   NonDFAULT CONC      ELEV      FLGPOL    ARM       BETA      RURAL     LW2       ADJ_U*    BULKRN

                                        ***     MODEL SETUP OPTIONS SUMMARY       ***
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses RURAL Dispersion Only.

 **Model Allows User-Specified Options:
         1. Stack-tip Downwash.
         2. Model Accounts for ELEVated Terrain Effects.
         3. Use Calms Processing Routine.
         4. Use Missing Data Processing Routine.
         5. No Exponential Decay.
         6. Ambient Ratio Method (ARM) Used for NO2 Conversion
               with a  1-hour NO2/NOx Ratio of  0.900
               with an Annual NO2/NOx Ratio of  0.700

 **Other Options Specified:
         LOWWIND2 - Use LowWind2 BETA option
         ADJ_U*   - Use ADJ_U* BETA option for SBL in AERMET
```

BULKRN - Use BULKRN Delta-T and SolarRad option for SBL in AERMET

**Model Accepts FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: NO2

**Note that special processing requirements apply for the 1-hour NO2 NAAQS - check available guidance.
Model will process user-specified ranks of daily maximum 1-hour values averaged across the number of years modeled.
For annual NO2 NAAQS modeling, the multi-year maximum of PERIOD values can be simulated using the MULTYEAR keyword.
Multi-year PERIOD and 1-hour values should only be done in a single model run using the MULTYEAR option with a
single multi-year meteorological data file using STARTEND keyword.

**Model Calculates 1 Short Term Average(s) of: 1-HR
and Calculates PERIOD Averages

**This Run Includes: 3 Source(s); 5 Source Group(s); and 2411 Receptor(s)

with: 3 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 OPENPIT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 15181

**Output Options Selected:
Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 10.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 4.3 MB of RAM.

**Detailed Error/Message File: NOx.err
**File for Summary of Results: NOx.sum

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
STCK1	0	0.30000E+00	333077.0	6250900.0	41.3	31.50	553.00	10.00	0.31	YES	NO	NO	
STCK4	0	0.95200E+01	333012.0	6251081.0	24.8	36.00	781.00	10.00	0.45	YES	NO	NO	
STCK5	0	0.95200E+01	333044.0	6251159.0	13.7	36.00	781.00	10.00	0.45	YES	NO	NO	

*** AERMOD - VERSION 15181 *** *** C:\Proj\Star\NOx.isc *** 03/17/17
*** AERMET - VERSION 15181 *** *** NO2 *** 17:07:31
PAGE 3

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
NG	STCK1 ,
DIESP	STCK5 ,
DIESC	STCK4 ,
NGDP	STCK1 , STCK5 ,
NGDC	STCK1 , STCK4 ,

*** AERMOD - VERSION 15181 *** *** C:\Proj\Star\NOx.isc *** 03/17/17
*** AERMET - VERSION 15181 *** *** NO2 *** 17:07:31
PAGE 4

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	40.0,	72.5,	20.2,	-46.8,	-20.4,	2	40.0,	73.0,	32.2,	-48.6,	-26.5,
3	40.0,	71.3,	43.1,	-49.0,	-31.8,	4	40.0,	41.6,	76.8,	-40.3,	33.8,
5	40.0,	50.8,	71.0,	-42.4,	33.5,	6	40.0,	53.9,	67.1,	-41.4,	-41.2,
7	40.0,	44.5,	71.2,	-36.2,	-42.0,	8	40.0,	74.9,	45.8,	-44.9,	23.3,
9	40.0,	78.7,	38.0,	-46.0,	18.3,	10	40.0,	40.1,	39.2,	17.8,	20.7,
11	40.0,	40.5,	38.6,	14.0,	26.9,	12	40.0,	43.1,	71.3,	-3.9,	-27.5,
13	40.0,	52.8,	67.5,	2.3,	-21.5,	14	40.0,	60.9,	61.6,	8.4,	-14.9,
15	40.0,	61.3,	118.6,	-194.1,	-4.7,	16	40.0,	45.8,	121.6,	-193.3,	-27.9,
17	40.0,	45.8,	74.9,	-60.8,	-21.9,	18	40.0,	73.0,	22.0,	28.7,	13.8,
19	40.0,	72.5,	20.2,	26.5,	20.4,	20	40.0,	73.0,	32.2,	16.5,	26.5,
21	40.0,	71.3,	43.1,	5.9,	31.8,	22	40.0,	41.6,	76.8,	-36.5,	-33.8,
23	40.0,	50.8,	71.0,	-28.6,	-33.5,	24	40.0,	53.9,	67.1,	-25.6,	41.2,
25	40.0,	44.5,	71.2,	-35.0,	42.0,	26	40.0,	74.9,	45.8,	-1.0,	-23.3,
27	40.0,	78.7,	38.0,	8.0,	-18.3,	28	40.0,	40.1,	39.2,	-57.0,	-20.7,
29	40.0,	40.5,	38.6,	-52.5,	-26.9,	30	40.0,	43.1,	71.3,	-67.4,	27.5,
31	40.0,	52.8,	67.5,	-69.8,	21.5,	32	40.0,	60.9,	61.6,	-70.0,	14.9,
33	40.0,	61.3,	118.6,	75.5,	4.7,	34	40.0,	45.8,	121.6,	71.8,	27.9,
35	40.0,	45.8,	74.9,	-14.2,	21.9,	36	40.0,	73.0,	22.0,	-50.6,	-13.8,

SOURCE ID: STCK4

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	190.0,	43.3,	41.0,	41.2,	-20.5,	2	190.0,	47.5,	41.4,	41.4,	-9.4,
3	190.0,	50.2,	41.8,	40.4,	2.0,	4	190.0,	51.4,	41.0,	38.1,	13.4,
5	190.0,	51.1,	38.9,	34.7,	24.3,	6	190.0,	49.1,	35.6,	30.2,	34.5,
7	190.0,	47.0,	35.8,	24.9,	44.3,	8	40.0,	120.8,	41.6,	-38.0,	-54.1,
9	40.0,	116.4,	50.5,	-30.7,	-55.1,	10	40.0,	110.0,	60.2,	-24.1,	-55.2,
11	40.0,	103.1,	73.3,	-18.9,	-55.1,	12	40.0,	95.7,	89.1,	-18.0,	-52.1,
13	40.0,	86.7,	102.1,	-16.5,	-46.8,	14	40.0,	75.2,	112.1,	-14.6,	-40.1,
15	40.0,	61.3,	118.6,	-12.2,	-32.1,	16	40.0,	45.8,	121.6,	-9.4,	-23.3,
17	40.0,	41.6,	120.8,	-6.3,	-17.3,	18	190.0,	37.9,	40.0,	-79.7,	31.0,
19	190.0,	43.3,	41.0,	-82.1,	20.5,	20	190.0,	47.5,	41.4,	-82.8,	9.4,
21	190.0,	50.2,	41.8,	-82.2,	-2.0,	22	190.0,	51.4,	41.0,	-79.1,	-13.4,
23	190.0,	51.1,	38.9,	-73.6,	-24.3,	24	190.0,	49.1,	35.6,	-65.8,	-34.5,
25	190.0,	47.0,	35.8,	-60.7,	-44.3,	26	40.0,	120.8,	41.6,	-3.5,	54.1,
27	40.0,	116.4,	50.5,	-19.8,	55.1,	28	40.0,	110.0,	60.2,	-36.1,	55.2,
29	40.0,	103.1,	73.3,	-54.4,	55.1,	30	40.0,	95.7,	89.1,	-71.1,	52.1,
31	40.0,	86.7,	102.1,	-85.6,	46.8,	32	40.0,	75.2,	112.1,	-97.5,	40.1,
33	40.0,	61.3,	118.6,	-106.5,	32.1,	34	40.0,	45.8,	121.6,	-112.2,	23.3,
35	40.0,	41.6,	120.8,	-114.5,	17.3,	36	190.0,	37.9,	40.0,	39.7,	-31.0,

SOURCE ID: STCK5

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	190.0,	43.3,	41.0,	38.9,	-20.2,	2	190.0,	47.5,	41.4,	39.1,	-9.5,
3	190.0,	50.2,	41.8,	38.1,	1.6,	4	190.0,	51.4,	41.0,	36.0,	12.5,
5	190.0,	51.1,	38.9,	32.8,	23.1,	6	190.0,	49.1,	35.6,	28.6,	33.0,
7	190.0,	47.0,	35.8,	23.5,	42.5,	8	40.0,	120.8,	41.6,	-39.1,	-56.1,
9	40.0,	116.4,	50.5,	-31.5,	-57.3,	10	40.0,	110.0,	60.2,	-24.5,	-57.5,

11	40.0,	103.1,	73.3,	-18.8,	-57.4,	12	40.0,	95.7,	89.1,	-17.5,	-54.4,
13	40.0,	86.7,	102.1,	-15.7,	-48.9,	14	40.0,	75.2,	112.1,	-13.4,	-42.0,
15	40.0,	61.3,	118.6,	-10.7,	-33.9,	16	40.0,	45.8,	121.6,	-7.6,	-24.8,
17	190.0,	37.4,	43.9,	-72.9,	36.4,	18	190.0,	37.9,	40.0,	-77.5,	30.3,
19	190.0,	43.3,	41.0,	-79.9,	20.2,	20	190.0,	47.5,	41.4,	-80.5,	9.5,
21	190.0,	50.2,	41.8,	-80.0,	-1.6,	22	190.0,	51.4,	41.0,	-77.0,	-12.5,
23	190.0,	51.1,	38.9,	-71.6,	-23.1,	24	190.0,	49.1,	35.6,	-64.1,	-33.0,
25	190.0,	47.0,	35.8,	-59.3,	-42.5,	26	40.0,	120.8,	41.6,	-2.4,	56.1,
27	40.0,	116.4,	50.5,	-19.1,	57.3,	28	40.0,	110.0,	60.2,	-35.7,	57.5,
29	40.0,	103.1,	73.3,	-54.5,	57.4,	30	40.0,	95.7,	89.1,	-71.5,	54.4,
31	40.0,	86.7,	102.1,	-86.4,	48.9,	32	40.0,	75.2,	112.1,	-98.7,	42.0,
33	40.0,	61.3,	118.6,	-108.0,	33.9,	34	40.0,	45.8,	121.6,	-114.0,	24.8,
35	190.0,	37.4,	43.9,	29.0,	-36.4,	36	190.0,	37.9,	40.0,	37.5,	-30.3,

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

331623.6, 331673.6, 331723.6, 331773.6, 331823.6, 331873.6, 331923.6, 331973.6, 332023.6, 332073.6,
332123.6, 332173.6, 332223.6, 332273.6, 332323.6, 332373.6, 332423.6, 332473.6, 332523.6, 332573.6,
332623.6, 332673.6, 332723.6, 332773.6, 332823.6, 332873.6, 332923.6, 332973.6, 333023.6, 333073.6,
333123.6, 333173.6, 333223.6, 333273.6, 333323.6, 333373.6, 333423.6, 333473.6, 333523.6, 333573.6,
333623.6, 333673.6, 333723.6, 333773.6, 333823.6, 333873.6, 333923.6, 333973.6, 334023.6, 334073.6,
334123.6, 334173.6, 334223.6, 334273.6, 334323.6, 334373.6, 334423.6, 334473.6, 334523.6, 334573.6,

*** Y-COORDINATES OF GRID ***
(METERS)

6250040.2, 6250090.2, 6250140.2, 6250190.2, 6250240.2, 6250290.2, 6250340.2, 6250390.2, 6250440.2, 6250490.2,
6250540.2, 6250590.2, 6250640.2, 6250690.2, 6250740.2, 6250790.2, 6250840.2, 6250890.2, 6250940.2, 6250990.2,
6251040.2, 6251090.2, 6251140.2, 6251190.2, 6251240.2, 6251290.2, 6251340.2, 6251390.2, 6251440.2, 6251490.2,
6251540.2, 6251590.2, 6251640.2, 6251690.2, 6251740.2, 6251790.2, 6251840.2, 6251890.2, 6251940.2, 6251990.2,

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 331623.56	331673.56	331723.56	331773.56	331823.56	331873.56	331923.56	331973.56	332023.56
6251990.22	23.80	27.30	33.80	41.70	43.30	41.90	40.70	41.30	40.90
6251940.22	17.30	22.20	31.70	40.40	42.20	41.50	42.10	42.20	41.10
6251890.22	14.80	18.30	27.00	34.40	37.10	38.10	37.60	36.20	35.40
6251840.22	11.90	14.90	18.70	26.60	32.10	33.20	29.00	24.80	25.80
6251790.22	10.10	11.80	16.80	21.20	24.60	25.60	18.70	15.30	15.60
6251740.22	10.10	11.30	16.10	19.10	19.40	16.80	8.30	5.70	5.40
6251690.22	9.80	10.40	10.60	11.70	10.70	7.60	6.70	4.10	3.90
6251640.22	8.00	8.80	7.00	6.90	6.00	4.60	4.90	4.00	4.00
6251590.22	5.60	7.90	7.20	7.60	5.70	3.90	3.40	4.00	4.00
6251540.22	6.60	7.10	5.90	5.90	3.90	2.50	2.80	3.40	0.00
6251490.22	12.50	6.60	3.10	3.00	3.00	3.40	1.80	0.00	0.00
6251440.22	18.20	6.90	1.50	2.10	3.50	1.30	0.30	0.00	0.00
6251390.22	14.20	6.40	1.90	1.70	1.50	0.00	0.00	0.00	0.10
6251340.22	5.80	3.20	1.50	0.00	0.00	0.00	0.00	2.30	4.00
6251290.22	3.30	2.20	0.70	0.00	0.00	0.00	1.10	5.60	3.70
6251240.22	3.10	3.70	2.10	1.30	2.30	1.80	2.60	4.60	4.50
6251190.22	3.10	5.60	6.50	5.10	4.40	3.90	6.20	8.80	8.50
6251140.22	3.20	7.10	8.80	5.80	3.60	8.60	14.90	12.80	8.90
6251090.22	4.00	9.30	10.20	8.00	8.30	12.20	16.00	13.10	8.60
6251040.22	6.30	9.00	12.90	12.70	11.80	12.00	11.70	9.00	7.10
6250990.22	4.80	7.10	9.80	11.10	9.80	7.60	5.00	3.50	4.80
6250940.22	2.80	3.90	5.70	6.10	6.70	5.80	5.20	0.40	2.00
6250890.22	1.20	3.80	3.60	3.10	4.00	5.50	4.80	1.40	1.90
6250840.22	1.90	4.40	3.20	2.30	2.30	1.80	1.60	0.60	1.10
6250790.22	2.60	6.10	2.30	0.80	2.00	0.00	0.00	0.00	0.00
6250740.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250690.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250640.22	0.00	0.30	0.00	0.80	3.90	3.20	2.90	2.90	1.00
6250590.22	0.70	12.20	13.00	12.80	11.20	7.20	6.00	6.80	10.30
6250540.22	7.60	10.90	14.50	18.20	13.20	8.70	0.50	1.10	12.00
6250490.22	8.50	11.50	16.30	20.00	20.00	17.10	11.50	12.00	18.90
6250440.22	10.30	14.60	18.30	23.30	27.50	28.00	26.70	24.20	24.00
6250390.22	10.30	13.10	17.30	24.10	29.60	33.80	32.40	29.60	28.30
6250340.22	11.80	14.30	17.80	23.40	27.80	32.40	33.20	31.70	30.70
6250290.22	15.30	18.00	19.50	23.40	26.80	29.50	32.10	33.80	35.00
6250240.22	15.90	20.00	22.60	26.00	29.40	31.10	32.90	34.90	34.10
6250190.22	18.80	23.20	28.10	30.20	31.40	32.30	32.40	33.00	32.00
6250140.22	21.60	28.30	31.90	35.10	34.40	33.10	31.90	31.00	30.00
6250090.22	23.20	31.40	33.20	35.60	38.20	36.10	33.10	33.40	31.00
6250040.22	21.70	33.60	35.80	36.90	39.10	37.80	33.80	33.20	34.10

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 332073.56	332123.56	332173.56	332223.56	332273.56	332323.56	332373.56	332423.56	332473.56
6251990.22	37.90	32.30	28.40	25.50	22.20	20.50	20.90	20.90	21.90
6251940.22	35.50	29.70	26.70	21.80	20.00	18.00	17.00	19.40	23.50
6251890.22	32.20	27.00	24.40	17.70	15.10	12.90	13.80	15.70	16.40
6251840.22	24.80	17.80	14.10	10.20	8.40	7.80	10.90	10.80	8.60
6251790.22	11.50	5.50	4.60	4.00	4.00	4.00	4.10	4.20	4.00
6251740.22	4.30	1.90	4.70	8.30	8.10	5.80	3.20	2.90	4.80
6251690.22	3.10	6.30	13.20	9.70	0.90	0.00	0.00	0.00	0.30
6251640.22	4.20	9.90	10.40	0.00	0.00	0.00	0.00	0.00	0.00
6251590.22	2.80	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251540.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251490.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251440.22	0.00	0.00	1.60	4.20	2.80	0.40	0.00	0.00	0.00
6251390.22	2.10	3.00	3.50	4.10	5.50	4.40	0.00	0.00	0.00
6251340.22	5.00	3.40	2.50	7.80	19.40	24.30	0.90	0.00	0.00
6251290.22	2.40	3.50	2.90	5.00	20.40	28.50	0.70	0.70	0.70
6251240.22	4.20	3.90	2.20	1.60	14.00	16.20	1.40	2.40	2.20
6251190.22	6.80	4.20	4.10	2.30	9.70	5.50	0.60	3.40	3.50
6251140.22	5.90	2.70	1.80	3.40	5.30	0.00	0.80	4.60	7.20
6251090.22	4.30	0.30	1.10	2.50	0.30	0.00	2.80	4.60	10.80
6251040.22	2.50	-0.20	3.30	0.00	0.00	0.00	1.20	6.10	15.10
6250990.22	3.20	0.00	0.90	0.00	0.00	1.10	3.70	12.50	22.40
6250940.22	2.40	-0.20	0.00	0.00	0.30	2.10	8.00	24.60	31.40
6250890.22	5.40	1.00	0.00	0.00	0.00	0.60	7.60	25.30	28.60
6250840.22	0.00	0.00	0.00	0.00	0.00	0.80	10.10	18.40	20.60
6250790.22	0.00	0.00	0.00	0.00	0.00	1.50	10.50	18.90	17.30
6250740.22	0.00	0.00	0.00	0.00	0.00	0.00	1.10	8.30	5.60
6250690.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	2.10
6250640.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30
6250590.22	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250540.22	15.40	1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250490.22	16.40	12.80	4.50	0.30	0.80	0.00	0.00	0.00	0.00
6250440.22	21.50	15.60	8.30	3.00	4.60	4.40	0.00	0.00	0.00
6250390.22	25.60	16.20	8.00	4.20	7.50	8.70	3.30	0.10	0.00
6250340.22	27.80	16.70	8.70	4.20	7.00	6.80	8.50	4.10	0.20
6250290.22	30.00	18.30	8.10	7.20	9.80	9.00	10.90	9.20	2.70

6250240.22	28.30	18.60	14.00	11.90	14.40	14.70	12.10	12.70	16.20
6250190.22	28.10	23.70	23.40	20.20	19.40	16.80	11.80	8.20	11.60
6250140.22	30.00	30.00	27.00	26.90	23.60	16.30	8.30	1.50	3.40
6250090.22	31.90	33.40	31.20	30.20	22.10	14.20	7.30	4.70	5.70
6250040.22	34.30	33.20	33.10	31.80	24.30	14.80	8.80	7.60	8.60

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 332523.56	332573.56	332623.56	332673.56	332723.56	332773.56	332823.56	332873.56	332923.56
6251990.22	15.00	5.00	5.20	6.90	7.20	6.10	6.00	14.20	13.50
6251940.22	17.50	6.80	10.40	8.80	0.00	0.00	0.00	0.00	1.10
6251890.22	10.60	6.60	8.10	6.20	0.00	0.00	0.00	0.00	0.00
6251840.22	5.30	5.20	5.60	2.00	0.00	0.00	0.00	0.00	0.00
6251790.22	4.10	5.80	7.40	2.60	0.00	0.00	0.00	0.00	0.00
6251740.22	7.00	7.30	6.90	1.50	0.00	0.00	0.00	0.00	0.00
6251690.22	5.60	7.70	4.50	0.00	0.00	0.00	0.00	0.00	0.00
6251640.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251590.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251540.22	0.00	0.00	0.00	0.00	0.00	0.50	0.90	0.10	0.00
6251490.22	0.00	0.00	0.00	0.10	4.90	3.90	2.80	1.00	0.00
6251440.22	0.00	0.00	0.50	6.50	6.90	8.70	8.80	1.40	1.40
6251390.22	0.00	0.00	1.30	1.70	6.20	9.70	16.50	16.60	9.00
6251340.22	0.00	0.80	0.10	1.10	1.20	3.10	18.70	23.20	14.40
6251290.22	5.90	10.60	12.60	7.20	5.20	9.20	25.80	27.80	22.30
6251240.22	7.20	12.80	15.70	16.90	19.30	17.60	26.20	24.60	17.60
6251190.22	8.80	18.10	16.90	19.10	17.70	18.40	24.40	26.20	18.30
6251140.22	13.10	22.20	20.60	20.50	16.40	20.30	20.80	19.90	18.80
6251090.22	18.90	24.40	25.40	24.30	22.10	24.00	19.30	16.90	20.00
6251040.22	23.50	27.80	29.00	28.00	29.50	30.20	24.90	23.20	23.90
6250990.22	29.80	29.80	26.70	27.40	28.30	28.90	25.30	24.70	23.70
6250940.22	33.60	27.00	21.70	23.50	29.60	30.10	27.20	25.20	23.20
6250890.22	28.90	24.10	17.60	16.60	25.00	28.60	26.80	24.20	22.00
6250840.22	23.80	24.00	18.80	15.30	20.00	25.10	25.40	21.80	21.20
6250790.22	16.50	19.80	18.30	16.50	18.70	23.30	25.70	21.30	19.80
6250740.22	5.60	11.60	13.80	16.80	15.00	16.50	18.00	16.50	17.90
6250690.22	2.00	5.40	8.30	11.80	12.40	11.20	11.00	14.80	17.80
6250640.22	2.70	5.10	3.40	4.00	6.00	7.20	9.60	12.70	16.20
6250590.22	0.00	0.00	1.40	3.10	4.00	5.00	6.50	13.10	16.90
6250540.22	0.00	0.00	0.00	1.00	3.30	4.00	4.20	8.20	12.40
6250490.22	0.00	0.00	0.00	0.10	1.50	3.90	7.00	8.60	10.70
6250440.22	0.00	0.00	0.00	0.00	0.80	5.30	9.90	9.00	9.90
6250390.22	0.00	0.00	0.00	0.00	0.80	3.40	5.70	5.90	8.20
6250340.22	0.00	0.00	0.10	1.80	3.20	4.50	4.80	6.20	7.00
6250290.22	0.00	0.80	2.00	3.20	4.20	6.90	9.90	7.40	6.00
6250240.22	4.50	1.00	3.40	5.40	6.10	6.90	9.90	8.20	6.10
6250190.22	6.50	3.80	6.70	9.50	9.60	5.90	4.80	5.70	5.30
6250140.22	8.20	9.20	8.00	10.20	13.60	9.70	4.00	6.30	8.00
6250090.22	9.40	9.70	9.10	9.70	11.90	8.90	4.00	4.50	3.80
6250040.22	13.20	15.00	14.00	11.70	9.10	9.10	9.50	8.00	4.10

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 332973.56	333023.56	333073.56	333123.56	333173.56	333223.56	333273.56	333323.56	333373.56
6251990.22	14.50	13.00	14.50	10.40	0.10	0.00	0.00	0.00	0.00
6251940.22	0.90	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
6251890.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251840.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251790.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251740.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251690.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251640.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251590.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251540.22	0.40	1.00	1.70	0.60	0.10	0.00	0.00	0.00	0.00
6251490.22	1.40	4.00	3.00	2.60	0.00	0.00	0.00	0.00	0.00
6251440.22	2.60	4.60	2.90	2.40	2.40	0.40	0.00	0.00	0.00
6251390.22	4.80	3.70	2.80	4.10	4.80	1.60	0.00	0.00	0.00
6251340.22	5.50	3.60	6.90	8.90	8.80	4.70	0.00	0.00	0.00
6251290.22	8.70	3.60	6.40	8.60	8.10	7.00	5.80	0.00	0.00
6251240.22	10.80	6.90	5.90	10.00	5.50	5.80	6.40	0.90	0.00
6251190.22	13.20	13.40	9.50	11.60	7.40	6.00	3.90	0.60	0.00
6251140.22	17.60	17.60	12.60	10.70	6.30	4.20	2.50	1.30	1.00
6251090.22	23.70	21.70	14.30	9.20	4.10	1.00	2.80	4.20	3.30
6251040.22	27.50	31.70	25.30	12.50	5.90	3.10	3.20	5.80	9.30
6250990.22	24.80	36.00	30.20	16.50	9.10	5.10	5.70	6.30	6.10
6250940.22	22.40	33.20	36.90	24.40	9.40	4.80	9.60	9.60	6.10
6250890.22	20.40	30.10	41.60	27.70	12.50	9.90	13.00	12.20	8.10
6250840.22	20.20	25.10	25.60	17.70	13.60	11.30	12.10	12.70	9.30
6250790.22	20.30	19.70	18.40	17.50	15.20	15.90	17.50	13.00	10.90
6250740.22	20.00	18.40	20.80	24.10	25.70	27.40	22.00	11.10	11.00
6250690.22	18.30	18.50	25.40	31.30	29.40	31.00	30.80	22.50	19.50
6250640.22	15.90	16.20	25.30	29.80	27.70	32.10	33.60	24.10	16.60
6250590.22	17.40	19.20	21.40	24.60	30.60	33.40	33.10	23.60	14.80
6250540.22	16.90	26.70	25.90	24.00	28.80	30.90	28.60	17.50	11.80
6250490.22	17.00	29.10	30.10	24.90	25.30	25.10	21.00	14.10	14.60
6250440.22	13.70	23.70	29.50	28.30	24.60	23.20	13.80	11.20	14.80
6250390.22	12.40	19.80	29.40	29.80	30.90	34.40	25.00	11.70	16.80
6250340.22	10.30	19.50	25.10	25.30	31.80	38.20	36.10	21.80	17.10
6250290.22	8.60	16.90	22.50	23.10	27.20	33.80	36.00	21.00	12.10
6250240.22	6.70	15.90	21.40	23.00	23.80	27.40	28.90	21.70	8.60
6250190.22	7.50	14.20	18.50	21.30	24.90	27.30	29.60	20.10	8.40
6250140.22	10.50	15.60	18.40	23.30	26.80	26.10	24.90	21.60	15.70
6250090.22	9.90	17.40	19.90	23.40	26.50	25.40	23.40	23.70	16.50
6250040.22	6.70	22.10	25.90	26.50	25.20	26.00	25.50	22.30	15.20

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 333423.56	333473.56	333523.56	333573.56	333623.56	333673.56	333723.56	333773.56	333823.56
6251990.22	0.00	-1.60	0.60	2.30	2.80	2.50	7.50	18.40	25.00
6251940.22	0.00	0.00	0.90	1.90	1.80	4.00	5.60	14.80	26.20
6251890.22	0.00	1.10	-0.10	3.00	4.10	4.60	6.60	16.50	26.00
6251840.22	0.00	4.50	3.10	3.70	8.00	8.60	8.30	17.20	25.90
6251790.22	0.10	8.80	7.30	4.20	7.60	8.10	6.70	18.30	25.70
6251740.22	0.00	0.80	2.90	4.20	6.10	6.40	5.90	16.30	32.10
6251690.22	0.00	0.00	1.40	3.70	6.10	5.00	8.00	22.90	52.00
6251640.22	0.00	0.00	0.50	0.30	3.60	3.50	9.70	17.40	46.50
6251590.22	0.00	0.00	0.50	-0.10	2.70	3.80	9.90	21.00	44.80
6251540.22	0.00	0.00	0.50	1.70	2.10	4.30	8.90	20.90	57.00
6251490.22	0.00	0.00	0.50	3.10	4.00	5.90	6.20	21.30	69.60
6251440.22	0.00	0.00	0.00	0.30	3.90	6.50	7.30	16.50	49.60
6251390.22	0.00	0.00	0.00	0.30	3.40	6.50	8.20	12.60	30.60
6251340.22	0.00	0.00	0.00	0.40	4.60	7.40	8.20	12.30	20.70
6251290.22	0.00	0.00	0.00	0.20	3.10	5.10	7.50	12.60	16.50
6251240.22	0.00	0.00	0.00	0.10	1.80	2.60	6.00	14.30	18.10
6251190.22	0.00	0.00	0.00	0.20	2.00	4.30	8.10	21.50	29.30
6251140.22	0.00	0.00	0.00	0.20	2.50	4.30	7.00	27.40	37.80
6251090.22	1.40	0.00	0.00	0.70	6.50	3.20	4.70	26.00	43.90

6251040.22	7.10	0.20	0.00	5.80	12.00	8.10	7.70	21.60	49.80
6250990.22	6.80	1.40	2.50	6.70	7.50	9.60	12.60	20.20	43.70
6250940.22	4.80	3.70	4.10	4.30	4.60	5.10	8.40	15.20	33.30
6250890.22	4.90	5.60	5.10	2.80	-0.60	-0.50	3.70	16.10	34.90
6250840.22	6.00	6.30	4.40	3.00	3.60	2.90	2.50	14.70	38.90
6250790.22	7.00	3.60	1.80	4.10	5.00	3.60	2.60	13.60	40.70
6250740.22	7.50	1.60	1.50	2.30	6.30	6.50	7.30	15.50	31.20
6250690.22	6.50	3.40	9.70	10.80	11.80	12.90	14.40	20.30	36.00
6250640.22	7.80	5.80	18.30	21.40	17.80	13.50	12.80	21.20	54.00
6250590.22	6.30	-2.90	0.70	12.30	12.50	11.90	15.30	19.60	43.50
6250540.22	7.60	-1.10	3.50	9.40	11.60	7.40	8.50	7.60	25.60
6250490.22	14.20	5.40	5.00	6.00	3.70	-0.60	2.20	7.70	35.10
6250440.22	18.30	10.60	8.60	6.50	10.00	10.80	8.10	5.90	26.70
6250390.22	19.00	12.70	9.80	7.00	10.60	13.90	11.20	9.00	26.70
6250340.22	14.60	12.30	8.20	3.60	7.10	9.30	11.40	13.50	21.90
6250290.22	10.20	11.20	10.10	5.90	5.00	6.80	12.10	11.40	13.70
6250240.22	9.60	14.80	12.50	9.50	6.00	7.90	11.40	14.80	12.50
6250190.22	9.40	17.40	15.30	11.50	7.70	9.60	10.70	14.50	13.20
6250140.22	11.50	16.60	15.60	11.60	9.00	7.50	9.40	12.00	12.40
6250090.22	9.50	13.60	15.50	12.80	10.40	7.50	9.00	8.80	14.90
6250040.22	11.20	11.50	14.30	13.40	10.90	9.50	9.80	10.40	14.90

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 333873.56	333923.56	333973.56	334023.56	334073.56	334123.56	334173.56	334223.56	334273.56
6251990.22	31.30	42.10	44.40	40.70	41.00	37.60	29.00	21.10	16.60
6251940.22	38.40	44.40	45.10	40.60	36.40	33.60	30.40	22.10	16.60
6251890.22	34.30	44.00	43.60	39.80	36.80	34.60	30.40	23.70	18.20
6251840.22	33.10	42.20	39.40	37.30	38.80	37.30	29.30	21.40	17.90
6251790.22	36.60	41.80	37.10	36.10	37.00	35.10	28.30	21.40	18.60
6251740.22	48.40	37.10	35.50	36.10	33.80	45.40	51.80	43.60	33.20
6251690.22	81.90	78.80	53.00	34.20	32.20	45.80	67.00	66.80	57.20
6251640.22	88.80	106.00	59.70	36.40	28.90	29.70	48.20	56.80	52.70
6251590.22	71.30	71.00	75.60	50.70	24.10	31.80	69.80	65.20	49.10
6251540.22	80.30	88.50	92.40	90.70	32.20	42.40	65.40	55.40	50.80
6251490.22	89.80	84.20	93.20	74.10	43.90	58.30	73.10	56.80	49.80
6251440.22	72.10	69.20	73.20	65.30	43.10	61.40	76.00	54.40	51.30
6251390.22	53.00	72.10	81.00	55.60	50.20	73.30	86.40	63.30	58.50
6251340.22	35.30	61.60	67.30	63.60	62.50	72.00	70.60	67.00	68.20
6251290.22	29.80	66.30	71.00	63.10	57.80	54.40	54.90	56.50	58.90
6251240.22	32.80	65.10	67.70	59.60	53.40	50.70	57.10	59.90	63.90
6251190.22	39.90	59.50	60.70	53.90	57.70	63.90	66.40	65.10	74.20
6251140.22	40.60	53.00	56.40	56.90	58.70	59.90	58.50	61.60	70.90
6251090.22	50.80	56.50	56.10	56.80	56.20	53.90	56.70	59.10	67.80
6251040.22	67.10	61.80	58.60	53.80	51.20	58.00	77.80	84.90	81.30
6250990.22	60.30	60.10	57.50	53.50	63.00	79.00	90.80	90.20	92.20
6250940.22	54.30	61.20	57.50	56.80	66.70	75.60	77.10	74.10	80.30
6250890.22	51.70	53.90	54.80	59.90	59.80	59.80	69.10	68.40	70.00
6250840.22	51.90	55.70	53.10	59.00	62.30	64.60	72.50	64.50	62.10
6250790.22	48.60	57.00	50.60	54.20	63.50	67.80	67.70	66.40	76.70
6250740.22	34.40	55.00	56.40	50.80	66.40	65.20	64.60	83.00	99.20
6250690.22	52.30	58.00	58.10	58.30	58.40	57.30	54.00	70.40	86.90
6250640.22	90.20	72.80	61.40	57.00	56.40	51.00	46.00	54.10	70.20
6250590.22	87.40	72.80	58.40	49.50	56.20	54.60	47.60	62.10	78.30
6250540.22	61.40	64.20	47.70	41.90	44.50	43.60	47.00	76.80	74.40
6250490.22	76.50	70.20	48.70	41.60	42.90	38.40	57.20	83.60	71.90
6250440.22	43.50	46.90	40.30	38.40	41.00	48.20	62.20	77.20	68.10
6250390.22	36.60	35.50	34.50	40.40	39.70	43.10	52.80	53.40	62.80
6250340.22	33.20	28.70	34.90	48.20	45.30	46.80	54.80	63.80	59.20
6250290.22	30.40	29.90	33.60	45.90	45.00	43.00	56.70	76.00	51.30
6250240.22	16.20	30.50	34.80	40.20	41.20	37.10	39.50	58.10	55.00
6250190.22	16.00	30.70	39.90	39.50	35.00	33.50	35.90	47.70	55.00
6250140.22	22.80	32.90	42.90	35.90	28.80	33.40	32.30	37.90	46.30
6250090.22	30.70	35.90	39.80	33.80	27.70	26.50	29.60	48.50	59.10
6250040.22	26.40	34.50	34.30	35.80	30.70	22.50	34.30	67.40	65.40

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 334323.56	334373.56	334423.56	334473.56	334523.56	334573.56
6251990.22	13.00	9.60	8.00	12.00	11.20	11.00
6251940.22	14.40	6.10	3.50	4.90	2.40	8.40
6251890.22	16.80	7.60	3.00	5.20	2.20	3.30
6251840.22	13.40	6.40	5.60	6.10	7.00	6.00
6251790.22	13.00	13.00	12.50	10.30	12.20	9.00
6251740.22	23.10	20.90	18.70	14.10	16.20	14.20
6251690.22	42.90	31.50	30.10	29.60	33.50	32.00
6251640.22	42.70	48.60	48.70	41.40	39.40	37.80
6251590.22	47.90	72.20	61.20	41.50	36.70	38.00
6251540.22	49.60	68.50	58.80	54.70	51.60	41.10
6251490.22	63.80	73.10	49.50	54.60	83.30	57.20
6251440.22	61.90	55.20	54.70	77.70	94.20	78.50
6251390.22	53.70	51.40	66.50	82.60	90.00	93.30
6251340.22	57.10	65.80	75.90	75.30	73.20	86.50
6251290.22	55.90	65.80	73.40	77.00	71.00	85.60
6251240.22	67.90	65.80	70.60	75.80	75.60	86.50
6251190.22	74.10	65.60	71.50	86.50	92.50	80.20
6251140.22	74.70	71.90	70.30	67.40	68.30	65.00
6251090.22	71.40	68.20	68.80	63.90	69.50	64.10
6251040.22	64.80	56.10	60.80	71.20	73.00	67.20
6250990.22	79.50	60.20	61.90	71.40	74.60	63.50
6250940.22	74.20	71.20	76.00	71.90	69.10	56.60
6250890.22	79.80	82.10	71.00	56.90	62.30	64.70
6250840.22	74.60	81.60	66.80	54.20	49.00	57.30
6250790.22	76.80	78.50	65.30	55.10	41.10	49.50
6250740.22	87.00	78.40	63.40	45.30	42.40	47.90
6250690.22	81.40	78.00	62.70	45.60	45.90	50.90
6250640.22	82.50	93.20	66.30	46.20	47.40	50.50
6250590.22	92.40	91.20	59.20	41.30	44.60	44.60
6250540.22	61.20	60.40	54.10	46.30	45.70	46.10
6250490.22	49.40	44.50	47.50	44.40	47.80	46.10
6250440.22	58.80	43.70	46.70	46.50	43.80	40.70
6250390.22	72.40	53.30	47.80	47.10	42.00	36.90
6250340.22	64.30	70.40	63.70	48.90	44.20	40.70
6250290.22	53.00	77.50	65.90	47.40	42.20	38.40
6250240.22	60.10	57.10	48.60	44.80	38.80	36.00
6250190.22	65.10	59.00	48.50	46.10	41.90	38.50
6250140.22	60.00	63.10	52.50	40.60	46.60	42.20
6250090.22	61.30	62.10	51.70	41.60	44.70	42.20
6250040.22	55.50	54.00	48.10	49.10	47.20	43.00

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 331623.56	331673.56	331723.56	331773.56	331823.56	331873.56	331923.56	331973.56	332023.56
6251990.22	48.00	45.00	45.00	41.70	43.30	41.90	40.70	41.30	40.90
6251940.22	50.00	45.00	45.00	45.00	42.20	41.50	42.10	42.20	41.10
6251890.22	50.00	45.00	45.00	45.00	43.00	38.10	41.00	43.00	42.00

6251840.22	48.00	45.00	45.00	45.00	43.00	38.00	43.00	43.00	43.00
6251790.22	45.00	45.00	45.00	45.00	45.00	43.00	45.00	45.00	45.00
6251740.22	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
6251690.22	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
6251640.22	43.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
6251590.22	32.00	32.00	43.00	43.00	45.00	45.00	45.00	43.00	43.00
6251540.22	32.00	32.00	32.00	7.00	3.90	41.00	43.00	41.00	43.00
6251490.22	32.00	32.00	32.00	31.00	3.00	3.40	1.80	0.00	0.00
6251440.22	22.00	32.00	32.00	31.00	3.50	4.00	0.30	0.00	0.00
6251390.22	29.00	32.00	32.00	22.00	1.50	0.00	0.00	0.00	6.00
6251340.22	32.00	32.00	31.00	22.00	0.00	0.00	0.00	6.00	4.00
6251290.22	32.00	30.00	29.00	0.00	0.00	17.00	5.00	5.60	3.70
6251240.22	29.00	3.70	5.00	6.00	17.00	17.00	17.00	17.00	4.50
6251190.22	3.10	5.60	6.50	5.10	17.00	17.00	17.00	17.00	8.50
6251140.22	3.20	7.10	8.80	5.80	17.00	17.00	17.00	16.00	8.90
6251090.22	10.00	9.30	10.20	8.00	11.00	17.00	16.00	17.00	17.00
6251040.22	9.00	9.00	12.90	12.70	11.80	12.00	11.70	17.00	17.00
6250990.22	4.80	12.00	13.00	11.10	9.80	10.00	17.00	17.00	4.80
6250940.22	2.80	12.00	13.00	11.00	6.70	5.80	5.20	17.00	2.00
6250890.22	1.20	3.80	3.60	3.10	4.00	5.50	4.80	1.40	1.90
6250840.22	8.00	4.40	3.20	2.30	2.30	1.80	1.60	0.60	5.00
6250790.22	8.00	6.10	2.30	0.80	2.00	0.00	0.00	0.00	0.00
6250740.22	8.00	8.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00
6250690.22	14.00	20.00	34.00	35.00	35.00	35.00	35.00	35.00	35.00
6250640.22	20.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00
6250590.22	35.00	14.00	13.00	20.00	35.00	35.00	35.00	35.00	33.00
6250540.22	7.60	10.90	20.00	20.00	35.00	35.00	35.00	35.00	35.00
6250490.22	12.00	34.00	34.00	32.00	35.00	35.00	35.00	35.00	30.00
6250440.22	13.00	25.00	34.00	34.00	27.50	35.00	35.00	35.00	24.00
6250390.22	34.00	35.00	35.00	34.00	34.00	33.80	32.40	29.60	28.30
6250340.22	18.00	34.00	35.00	34.00	34.00	32.40	33.20	31.70	30.70
6250290.22	18.00	18.00	35.00	28.00	26.80	29.50	32.10	33.80	35.00
6250240.22	36.00	35.00	36.00	35.00	29.40	31.10	32.90	34.90	34.10
6250190.22	36.00	36.00	35.00	36.00	35.00	32.30	32.40	33.00	32.00
6250140.22	36.00	29.00	31.90	35.10	34.40	33.10	31.90	31.00	30.00
6250090.22	36.00	33.00	33.20	35.60	38.20	38.00	33.10	33.40	31.00
6250040.22	37.00	35.00	35.80	36.90	39.10	40.00	33.80	33.20	34.10

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 332073.56	332123.56	332173.56	332223.56	332273.56	332323.56	332373.56	332423.56	332473.56
6251990.22	37.90	41.00	39.00	25.50	25.00	20.50	22.00	20.90	21.90
6251940.22	42.00	42.00	41.00	41.00	20.00	18.00	17.00	19.40	23.50
6251890.22	42.00	42.00	42.00	42.00	42.00	20.00	13.80	23.00	24.00
6251840.22	43.00	43.00	43.00	43.00	43.00	42.00	14.00	24.00	24.00
6251790.22	45.00	45.00	44.00	44.00	43.00	42.00	24.00	24.00	24.00
6251740.22	45.00	45.00	44.00	43.00	42.00	5.80	3.20	24.00	4.80
6251690.22	45.00	43.00	19.00	19.00	43.00	42.00	0.00	0.00	11.00
6251640.22	43.00	42.00	19.00	43.00	42.00	19.00	0.00	0.00	10.00
6251590.22	43.00	43.00	43.00	42.00	33.00	33.00	33.00	33.00	0.00
6251540.22	43.00	42.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00
6251490.22	19.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00
6251440.22	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00
6251390.22	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00
6251340.22	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00
6251290.22	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	35.00
6251240.22	33.00	33.00	33.00	33.00	33.00	33.00	35.00	35.00	35.00
6251190.22	6.80	33.00	33.00	33.00	33.00	33.00	35.00	35.00	35.00
6251140.22	5.90	33.00	33.00	33.00	33.00	35.00	35.00	35.00	35.00
6251090.22	17.00	33.00	33.00	33.00	35.00	35.00	35.00	35.00	35.00
6251040.22	17.00	33.00	33.00	35.00	35.00	35.00	35.00	35.00	35.00
6250990.22	3.20	0.00	34.00	35.00	35.00	35.00	35.00	35.00	35.00
6250940.22	2.40	-0.20	35.00	35.00	35.00	35.00	35.00	35.00	34.00
6250890.22	6.00	1.00	34.00	35.00	35.00	35.00	35.00	34.00	34.00
6250840.22	6.00	0.00	34.00	35.00	35.00	35.00	35.00	35.00	35.00
6250790.22	0.00	0.00	33.00	35.00	35.00	35.00	35.00	34.00	35.00
6250740.22	0.00	0.00	0.00	34.00	35.00	35.00	35.00	35.00	35.00
6250690.22	32.00	17.00	0.00	33.00	34.00	35.00	35.00	35.00	35.00
6250640.22	35.00	35.00	27.00	0.00	0.00	34.00	35.00	35.00	35.00
6250590.22	35.00	35.00	35.00	33.00	0.00	0.00	0.00	34.00	34.00
6250540.22	17.00	35.00	35.00	35.00	35.00	0.00	0.00	0.00	0.00
6250490.22	29.00	35.00	35.00	35.00	35.00	35.00	0.00	0.00	0.00
6250440.22	29.00	35.00	35.00	35.00	35.00	8.00	9.00	0.00	0.00
6250390.22	27.00	35.00	35.00	35.00	35.00	8.70	11.00	19.00	19.00
6250340.22	35.00	35.00	35.00	35.00	35.00	6.80	8.50	19.00	19.00
6250290.22	35.00	35.00	35.00	35.00	35.00	26.00	10.90	19.00	19.00
6250240.22	35.00	35.00	35.00	35.00	32.00	14.70	12.10	18.00	19.00
6250190.22	32.00	33.00	29.00	32.00	32.00	32.00	32.00	32.00	19.00
6250140.22	30.00	30.00	27.00	26.90	32.00	33.00	34.00	34.00	33.00
6250090.22	31.90	33.40	31.20	32.00	34.00	34.00	34.00	34.00	33.00
6250040.22	34.30	33.20	33.10	31.80	34.00	34.00	36.00	34.00	17.00

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 332523.56	332573.56	332623.56	332673.56	332723.56	332773.56	332823.56	332873.56	332923.56
6251990.22	24.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00
6251940.22	24.00	33.00	33.00	35.00	35.00	35.00	35.00	111.00	111.00
6251890.22	24.00	24.00	24.00	35.00	35.00	35.00	35.00	111.00	111.00
6251840.22	24.00	24.00	24.00	34.00	35.00	35.00	35.00	111.00	111.00
6251790.22	24.00	24.00	7.40	8.00	34.00	34.00	34.00	111.00	111.00
6251740.22	7.00	7.30	6.90	10.00	0.00	0.00	111.00	111.00	111.00
6251690.22	10.00	11.00	11.00	11.00	0.00	0.00	111.00	111.00	111.00
6251640.22	11.00	11.00	11.00	10.00	0.00	0.00	111.00	111.00	111.00
6251590.22	0.00	11.00	0.00	0.00	0.00	0.00	111.00	111.00	111.00
6251540.22	33.00	0.00	11.00	11.00	30.00	30.00	30.00	111.00	111.00
6251490.22	33.00	33.00	11.00	30.00	30.00	30.00	30.00	111.00	111.00
6251440.22	33.00	33.00	30.00	11.00	30.00	30.00	30.00	111.00	111.00
6251390.22	33.00	33.00	33.00	30.00	30.00	30.00	30.00	30.00	30.00
6251340.22	33.00	33.00	33.00	30.00	32.00	30.00	30.00	30.00	30.00
6251290.22	33.00	15.00	15.00	30.00	32.00	30.00	30.00	27.80	30.00
6251240.22	33.00	21.00	15.70	21.00	19.30	30.00	26.20	30.00	30.00
6251190.22	35.00	19.00	16.90	19.10	17.70	28.00	24.40	26.20	30.00
6251140.22	35.00	22.20	28.00	22.00	32.00	32.00	27.00	27.00	38.00
6251090.22	35.00	24.40	25.40	24.30	32.00	32.00	32.00	43.00	43.00
6251040.22	35.00	27.80	29.00	28.00	29.50	32.00	32.00	23.20	43.00
6250990.22	35.00	29.80	26.70	27.40	28.30	28.90	25.30	24.70	43.00
6250940.22	35.00	35.00	35.00	31.00	29.60	30.10	27.20	25.20	43.00
6250890.22	35.00	35.00	35.00	35.00	32.00	32.00	26.80	43.00	43.00
6250840.22	35.00	24.00	35.00	35.00	32.00	25.10	25.40	43.00	43.00
6250790.22	35.00	24.00	21.00	31.00	26.00	26.00	27.00	43.00	43.00
6250740.22	35.00	35.00	24.00	16.80	27.00	27.00	27.00	43.00	43.00
6250690.22	35.00	35.00	27.00	17.00	26.00	27.00	43.00	43.00	43.00
6250640.22	35.00	22.00	27.00	27.00	27.00	27.00	27.00	12.70	16.20
6250590.22	34.00	22.00	15.00	3.10	4.00	27.00	31.00	14.00	31.00
6250540.22	0.00	0.00	0.00	1.00	3.30	31.00	31.00	31.00	31.00
6250490.22	0.00	0.00	0.00	0.10	1.50	31.00	31.00	31.00	31.00
6250440.22	0.00	0.00	0.00	0.00	8.00	10.00	9.90	31.00	31.00
6250390.22	19.00	19.00	0.00	0.00	0.80	6.00	31.00	31.00	38.00
6250340.22	19.00	19.00	19.00	1.80	3.20	4.50	31.00	31.00	40.00
6250290.22	19.00	19.00	19.00	3.20	4.20	6.90	9.90	31.00	40.00
6250240.22	19.00	19.00	19.00	5.40	6.10	6.90	9.90	8.20	40.00
6250190.22	19.00	19.00	6.70	9.50	12.00	14.00	4.80	5.70	40.00
6250140.22	19.00	9.20	8.00	10.20	13.60	12.00	14.00	29.00	29.00
6250090.22	17.00	17.00	23.00	9.70	11.90	12.00	29.00	29.00	29.00
6250040.22	17.00	15.00	23.00	23.00	22.00	9.10	12.00	29.00	29.00

♀ *** AERMOD - VERSION 15181 *** *** C:\Proj\Star\NOx.isc *** 03/17/17
*** AERMET - VERSION 15181 *** *** NO2 *** 17:07:31
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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	332973.56	333023.56	333073.56	333123.56	333173.56	333223.56	333273.56	333323.56	333373.56
6251990.22	31.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251940.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251890.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251840.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251790.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251740.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251690.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251640.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251590.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251540.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251490.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251440.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251390.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251340.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251290.22	38.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251240.22	38.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251190.22	43.00	43.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251140.22	43.00	43.00	43.00	111.00	111.00	111.00	111.00	111.00	111.00
6251090.22	43.00	43.00	43.00	111.00	111.00	111.00	111.00	111.00	111.00
6251040.22	43.00	38.00	43.00	43.00	111.00	111.00	111.00	111.00	111.00
6250990.22	43.00	36.00	43.00	43.00	111.00	111.00	111.00	111.00	111.00
6250940.22	43.00	43.00	43.00	43.00	93.00	111.00	111.00	111.00	111.00
6250890.22	43.00	43.00	41.60	43.00	93.00	93.00	93.00	111.00	111.00
6250840.22	43.00	43.00	43.00	43.00	93.00	93.00	93.00	93.00	111.00
6250790.22	43.00	43.00	43.00	43.00	93.00	93.00	93.00	93.00	93.00
6250740.22	43.00	43.00	43.00	43.00	31.00	32.00	93.00	93.00	93.00
6250690.22	43.00	43.00	33.00	31.30	29.40	33.00	92.00	93.00	93.00
6250640.22	43.00	43.00	33.00	33.00	36.00	36.00	33.60	93.00	93.00
6250590.22	31.00	33.00	33.00	33.00	30.60	33.40	34.00	93.00	93.00
6250540.22	31.00	31.00	31.00	30.00	28.80	30.90	93.00	93.00	93.00
6250490.22	31.00	31.00	30.10	29.00	37.00	92.00	93.00	93.00	93.00
6250440.22	31.00	31.00	29.50	29.00	40.00	92.00	93.00	93.00	93.00
6250390.22	40.00	31.00	29.40	29.80	39.00	39.00	93.00	93.00	93.00
6250340.22	40.00	31.00	31.00	40.00	40.00	38.20	40.00	93.00	93.00
6250290.22	40.00	40.00	40.00	40.00	40.00	40.00	40.00	93.00	93.00
6250240.22	40.00	40.00	40.00	40.00	40.00	40.00	40.00	93.00	93.00
6250190.22	40.00	40.00	40.00	40.00	40.00	27.30	31.00	93.00	93.00
6250140.22	29.00	29.00	18.40	26.00	26.80	26.10	31.00	31.00	93.00
6250090.22	29.00	29.00	29.00	23.40	26.50	25.40	23.40	23.70	93.00
6250040.22	29.00	29.00	29.00	26.50	25.20	26.00	25.50	31.00	92.00

♀ *** AERMOD - VERSION 15181 *** *** C:\Proj\Star\NOx.isc *** 03/17/17
*** AERMET - VERSION 15181 *** *** NO2 *** 17:07:31
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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	333423.56	333473.56	333523.56	333573.56	333623.56	333673.56	333723.56	333773.56	333823.56
6251990.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251940.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251890.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251840.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251790.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251740.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251690.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251640.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251590.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251540.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251490.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251440.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251390.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251340.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251290.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251240.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251190.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251140.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251090.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251040.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	102.00
6250990.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	102.00
6250940.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6250890.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	107.00
6250840.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	107.00
6250790.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	107.00
6250740.22	107.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	107.00
6250690.22	107.00	109.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00
6250640.22	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00
6250590.22	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00
6250540.22	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00
6250490.22	93.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00
6250440.22	93.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00
6250390.22	93.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00
6250340.22	93.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00
6250290.22	93.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00
6250240.22	93.00	93.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00
6250190.22	93.00	93.00	93.00	107.00	107.00	107.00	107.00	107.00	107.00
6250140.22	93.00	93.00	93.00	107.00	107.00	107.00	107.00	107.00	107.00
6250090.22	93.00	93.00	93.00	107.00	107.00	107.00	107.00	107.00	107.00
6250040.22	93.00	93.00	93.00	93.00	107.00	107.00	107.00	107.00	107.00

♀ *** AERMOD - VERSION 15181 *** *** C:\Proj\Star\NOx.isc *** 03/17/17
*** AERMET - VERSION 15181 *** *** NO2 *** 17:07:31
PAGE 18

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	333873.56	333923.56	333973.56	334023.56	334073.56	334123.56	334173.56	334223.56	334273.56
6251990.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251940.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251890.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251840.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251790.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251740.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251690.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251640.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251590.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251540.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251490.22	111.00	111.00	109.00	111.00	111.00	111.00	111.00	111.00	111.00
6251440.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251390.22	111.00	111.00	111.00	111.00	111.00	111.00	90.00	111.00	111.00
6251340.22	111.00	111.00	111.00	111.00	111.00	111.00	102.00	109.00	102.00
6251290.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00	111.00
6251240.22	111.00	111.00	111.00	111.00	111.00	111.00	111.00	102.00	102.00
6251190.22	111.00	111.00	111.00	111.00	111.00	102.00	102.00	93.00	77.00
6251140.22	111.00	111.00	111.00	111.00	102.00	102.00	102.00	93.00	93.00
6251090.22	111.00	102.00	102.00	102.00	102.00	107.00	107.00	102.00	93.00
6251040.22	68.00	92.00	93.00	107.00	107.00	107.00	93.00	93.00	93.00
6250990.22	91.00	92.00	102.00	107.00	102.00	93.00	90.80	90.20	92.20
6250940.22	102.00	92.00	107.00	107.00	102.00	102.00	102.00	102.00	102.00
6250890.22	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00
6250840.22	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00

6250790.22	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00
6250740.22	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	102.00
6250690.22	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00
6250640.22	90.20	93.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00
6250590.22	93.00	93.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00
6250540.22	93.00	93.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00
6250490.22	93.00	93.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00
6250440.22	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00
6250390.22	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00
6250340.22	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00
6250290.22	107.00	107.00	107.00	107.00	107.00	107.00	107.00	76.00	107.00
6250240.22	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00
6250190.22	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00
6250140.22	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00
6250090.22	107.00	107.00	107.00	107.00	107.00	107.00	107.00	107.00	87.00
6250040.22	107.00	107.00	107.00	107.00	107.00	107.00	107.00	87.00	87.00

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 334323.56	334373.56	334423.56	334473.56	334523.56	334573.56
6251990.22	111.00	111.00	111.00	111.00	111.00	111.00
6251940.22	111.00	111.00	111.00	111.00	111.00	111.00
6251890.22	111.00	111.00	111.00	111.00	111.00	111.00
6251840.22	111.00	111.00	111.00	111.00	111.00	111.00
6251790.22	111.00	111.00	111.00	111.00	111.00	111.00
6251740.22	111.00	111.00	111.00	111.00	111.00	111.00
6251690.22	111.00	111.00	111.00	111.00	111.00	111.00
6251640.22	111.00	111.00	111.00	111.00	111.00	111.00
6251590.22	111.00	101.00	101.00	111.00	111.00	111.00
6251540.22	111.00	101.00	111.00	111.00	101.00	111.00
6251490.22	111.00	101.00	111.00	101.00	101.00	101.00
6251440.22	111.00	111.00	111.00	101.00	101.00	101.00
6251390.22	111.00	111.00	101.00	101.00	101.00	101.00
6251340.22	111.00	101.00	101.00	101.00	101.00	101.00
6251290.22	111.00	101.00	101.00	101.00	101.00	101.00
6251240.22	101.00	101.00	101.00	101.00	101.00	94.00
6251190.22	75.00	101.00	101.00	93.00	92.50	94.00
6251140.22	93.00	93.00	101.00	101.00	101.00	101.00
6251090.22	93.00	93.00	94.00	101.00	101.00	101.00
6251040.22	107.00	107.00	107.00	93.00	93.00	94.00
6250990.22	93.00	107.00	107.00	93.00	74.60	107.00
6250940.22	107.00	107.00	102.00	107.00	107.00	107.00
6250890.22	107.00	102.00	107.00	107.00	107.00	107.00
6250840.22	107.00	107.00	107.00	107.00	107.00	107.00
6250790.22	107.00	107.00	107.00	107.00	107.00	107.00
6250740.22	107.00	107.00	107.00	107.00	107.00	107.00
6250690.22	107.00	107.00	107.00	107.00	107.00	107.00
6250640.22	107.00	107.00	107.00	107.00	107.00	107.00
6250590.22	107.00	107.00	107.00	107.00	107.00	107.00
6250540.22	107.00	107.00	107.00	107.00	107.00	107.00
6250490.22	107.00	107.00	107.00	107.00	107.00	107.00
6250440.22	107.00	107.00	107.00	107.00	107.00	107.00
6250390.22	107.00	107.00	107.00	107.00	107.00	107.00
6250340.22	107.00	107.00	107.00	107.00	107.00	107.00
6250290.22	107.00	85.00	107.00	107.00	107.00	107.00
6250240.22	107.00	107.00	107.00	107.00	107.00	107.00
6250190.22	87.00	107.00	107.00	107.00	107.00	107.00
6250140.22	87.00	87.00	107.00	107.00	107.00	107.00
6250090.22	87.00	87.00	107.00	107.00	107.00	107.00
6250040.22	87.00	87.00	107.00	87.00	87.00	107.00

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 331623.56	331673.56	331723.56	331773.56	331823.56	331873.56	331923.56	331973.56	332023.56
6251990.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251940.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251890.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251840.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251790.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251740.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251690.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251640.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251590.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251540.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251490.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251440.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251390.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251340.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251290.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251240.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251190.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251140.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251090.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251040.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250990.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250940.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250890.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250840.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250790.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250740.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250690.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250640.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250590.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250540.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250490.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250440.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250390.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250340.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250290.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250240.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250190.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250140.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250090.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250040.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 332073.56	332123.56	332173.56	332223.56	332273.56	332323.56	332373.56	332423.56	332473.56
6251990.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251940.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251890.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251840.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251790.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251740.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251690.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251640.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

6251590.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251540.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251490.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251440.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251390.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251340.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251290.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251240.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251190.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251140.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251090.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251040.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250990.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250940.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250890.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250840.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250790.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250740.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250690.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250640.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250590.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250540.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250490.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250440.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250390.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250340.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250290.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250240.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250190.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250140.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250090.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250040.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 332523.56	332573.56	332623.56	332673.56	332723.56	332773.56	332823.56	332873.56	332923.56
6251990.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251940.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251890.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251840.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251790.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251740.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251690.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251640.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251590.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251540.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251490.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251440.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251390.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251340.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251290.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251240.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251190.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251140.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251090.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251040.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250990.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250940.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250890.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250840.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250790.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250740.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250690.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250640.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250590.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250540.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250490.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250440.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250390.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250340.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250290.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250240.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250190.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250140.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250090.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250040.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 332973.56	333023.56	333073.56	333123.56	333173.56	333223.56	333273.56	333323.56	333373.56
6251990.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251940.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251890.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251840.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251790.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251740.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251690.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251640.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251590.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251540.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251490.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251440.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251390.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251340.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251290.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251240.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251190.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251140.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251090.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251040.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250990.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250940.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250890.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250840.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250790.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250740.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250690.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250640.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250590.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250540.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250490.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250440.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250390.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250340.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250290.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250240.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250190.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250140.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250090.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250040.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 333423.56	333473.56	333523.56	333573.56	333623.56	333673.56	333723.56	333773.56	333823.56
6251990.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251940.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251890.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251840.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251790.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251740.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251690.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251640.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251590.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251540.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251490.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251440.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251390.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251340.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251290.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251240.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251190.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251140.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251090.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251040.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250990.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250940.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250890.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250840.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250790.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250740.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250690.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250640.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250590.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250540.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250490.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250440.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250390.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250340.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250290.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250240.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250190.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250140.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250090.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250040.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 333873.56	333923.56	333973.56	334023.56	334073.56	334123.56	334173.56	334223.56	334273.56
6251990.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251940.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251890.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251840.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251790.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251740.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251690.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251640.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251590.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251540.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251490.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251440.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251390.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251340.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251290.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251240.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251190.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251140.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251090.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6251040.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250990.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250940.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250890.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250840.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250790.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250740.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250690.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250640.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250590.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250540.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250490.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250440.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250390.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250340.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250290.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250240.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250190.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250140.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250090.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6250040.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 334323.56	334373.56	334423.56	334473.56	334523.56	334573.56
6251990.22	0.00	0.00	0.00	0.00	0.00	0.00
6251940.22	0.00	0.00	0.00	0.00	0.00	0.00
6251890.22	0.00	0.00	0.00	0.00	0.00	0.00
6251840.22	0.00	0.00	0.00	0.00	0.00	0.00
6251790.22	0.00	0.00	0.00	0.00	0.00	0.00
6251740.22	0.00	0.00	0.00	0.00	0.00	0.00
6251690.22	0.00	0.00	0.00	0.00	0.00	0.00
6251640.22	0.00	0.00	0.00	0.00	0.00	0.00
6251590.22	0.00	0.00	0.00	0.00	0.00	0.00
6251540.22	0.00	0.00	0.00	0.00	0.00	0.00
6251490.22	0.00	0.00	0.00	0.00	0.00	0.00
6251440.22	0.00	0.00	0.00	0.00	0.00	0.00
6251390.22	0.00	0.00	0.00	0.00	0.00	0.00
6251340.22	0.00	0.00	0.00	0.00	0.00	0.00
6251290.22	0.00	0.00	0.00	0.00	0.00	0.00
6251240.22	0.00	0.00	0.00	0.00	0.00	0.00
6251190.22	0.00	0.00	0.00	0.00	0.00	0.00
6251140.22	0.00	0.00	0.00	0.00	0.00	0.00
6251090.22	0.00	0.00	0.00	0.00	0.00	0.00
6251040.22	0.00	0.00	0.00	0.00	0.00	0.00
6250990.22	0.00	0.00	0.00	0.00	0.00	0.00
6250940.22	0.00	0.00	0.00	0.00	0.00	0.00
6250890.22	0.00	0.00	0.00	0.00	0.00	0.00
6250840.22	0.00	0.00	0.00	0.00	0.00	0.00
6250790.22	0.00	0.00	0.00	0.00	0.00	0.00
6250740.22	0.00	0.00	0.00	0.00	0.00	0.00
6250690.22	0.00	0.00	0.00	0.00	0.00	0.00
6250640.22	0.00	0.00	0.00	0.00	0.00	0.00
6250590.22	0.00	0.00	0.00	0.00	0.00	0.00

```
 6250540.22 |         0.00        0.00        0.00        0.00        0.00        0.00
 6250490.22 |         0.00        0.00        0.00        0.00        0.00        0.00
 6250440.22 |         0.00        0.00        0.00        0.00        0.00        0.00
 6250390.22 |         0.00        0.00        0.00        0.00        0.00        0.00
 6250340.22 |         0.00        0.00        0.00        0.00        0.00        0.00
 6250290.22 |         0.00        0.00        0.00        0.00        0.00        0.00
 6250240.22 |         0.00        0.00        0.00        0.00        0.00        0.00
 6250190.22 |         0.00        0.00        0.00        0.00        0.00        0.00
 6250140.22 |         0.00        0.00        0.00        0.00        0.00        0.00
 6250090.22 |         0.00        0.00        0.00        0.00        0.00        0.00
 6250040.22 |         0.00        0.00        0.00        0.00        0.00        0.00
♀ *** AERMOD - VERSION  15181 ***   *** C:\Proj\Star\NOx.isc                                             ***         03/17/17
 *** AERMET - VERSION  15181 ***   *** NO2                                                              ***         17:07:31
                                                                                                                    PAGE  27
 **MODELOPTs:   NonDFAULT CONC      ELEV      FLGPOL    ARM       BETA      RURAL     LW2       ADJ_U*    BULKRN

                                           *** DISCRETE CARTESIAN RECEPTORS ***
                                         (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                         (METERS)

    ( 333127.0, 6250815.0,      16.7,      43.0,       0.0);        ( 333032.0, 6250831.0,      25.1,      43.0,       0.0);
    ( 333010.0, 6250890.0,      26.0,      43.0,       0.0);        ( 332939.0, 6251028.0,      23.4,      43.0,       0.0);
    ( 332953.0, 6251077.0,      24.3,      38.0,       0.0);        ( 332905.0, 6251107.0,      17.9,      43.0,       0.0);
    ( 332884.0, 6251143.0,      20.5,      27.0,       0.0);        ( 332987.0, 6251153.0,      14.9,      43.0,       0.0);
    ( 332985.0, 6251107.0,      21.8,      43.0,       0.0);        ( 332985.0, 6251107.0,      21.8,      43.0,      38.0);
    ( 333288.0, 6251156.0,       2.1,     111.0,       0.0);
♀ *** AERMOD - VERSION  15181 ***   *** C:\Proj\Star\NOx.isc                                             ***         03/17/17
 *** AERMET - VERSION  15181 ***   *** NO2                                                              ***         17:07:31
                                                                                                                    PAGE  28
 **MODELOPTs:   NonDFAULT CONC      ELEV      FLGPOL    ARM       BETA      RURAL     LW2       ADJ_U*    BULKRN

                                          *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                         (1=YES; 0=NO)

          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1

          NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.


                                    *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
                                                         (METERS/SEC)

                                                 1.54,   3.09,   5.14,   8.23,  10.80,
♀ *** AERMOD - VERSION  15181 ***   *** C:\Proj\Star\NOx.isc                                             ***         03/17/17
 *** AERMET - VERSION  15181 ***   *** NO2                                                              ***         17:07:31
                                                                                                                    PAGE  29
 **MODELOPTs:   NonDFAULT CONC      ELEV      FLGPOL    ARM       BETA      RURAL     LW2       ADJ_U*    BULKRN

                                     *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

   Surface file:   t010a_m013013.sfc                                                                 Met Version:  15181
   Profile file:   t010a_m013013.PFL
   Surface format: FREE
   Profile format: FREE
   Surface station no.:        0                      Upper air station no.:        1
                  Name: UNKNOWN                                         Name: UNKNOWN
                  Year:   2015                                          Year:   2015

 First 24 hours of scalar data
 YR MO DY JDY HR     H0     U*      W*  DT/DZ ZICNV ZIMCH  M-O LEN    Z0  BOWEN ALBEDO  REF WS   WD     HT  REF TA     HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 15 01 01   1 01    4.0  0.129 -9.000 -9.000 -999.  107.     20.1  0.25   1.00   0.20    1.20   69.    10.0  293.6    10.0
 15 01 01   1 02    5.4  0.100 -9.000 -9.000 -999.   73.     15.1  0.25   1.00   0.20    0.90   75.    10.0  293.8    10.0
 15 01 01   1 03    8.0  0.104 -9.000 -9.000 -999.   77.     18.9  0.25   1.00   0.20    1.00   82.    10.0  293.9    10.0
 15 01 01   1 04   10.2  0.121 -9.000 -9.000 -999.   97.     26.3  0.25   1.00   0.20    1.20   82.    10.0  294.0    10.0
 15 01 01   1 05   10.2  0.123 -9.000 -9.000 -999.  100.     30.8  0.25   1.00   0.20    1.20   82.    10.0  294.0    10.0
 15 01 01   1 06   14.8  0.126 -9.000 -9.000 -999.  103.     40.2  0.25   1.00   0.20    1.20   82.    10.0  294.1    10.0
 15 01 01   1 07   42.6  0.142  0.146  0.010  164.  123.    -69.7  0.25   1.00   0.20    1.20   80.    10.0  294.5    10.0
 15 01 01   1 08   99.6  0.183  0.447  0.010  129.  180.    -21.4  0.25   1.00   0.20    1.40   73.    10.0  295.1    10.0
 15 01 01   1 09  157.4  0.225  0.694  0.010  240.  246.    -20.4  0.25   1.00   0.20    1.60   65.    10.0  295.7    10.0
 15 01 01   1 10  149.2  0.230  0.738  0.010  322.  254.    -24.4  0.25   1.00   0.20    1.70   62.    10.0  296.3    10.0
 15 01 01   1 11  251.4  0.279  1.143  0.010  503.  340.    -18.3  0.25   1.00   0.20    2.00   64.    10.0  297.2    10.0
 15 01 01   1 12  385.0  0.341  1.439  0.010  599.  458.    -19.9  0.25   1.00   0.20    2.30   74.    10.0  298.4    10.0
 15 01 01   1 13  407.9  0.388  1.401  0.010  555.  556.    -29.3  0.25   1.00   0.20    2.80   81.    10.0  298.9    10.0
 15 01 01   1 14  385.9  0.410  1.227  0.010  419.  604.    -39.0  0.25   1.00   0.20    3.00   81.    10.0  299.1    10.0
 15 01 01   1 15  361.7  0.413  1.025  0.010  291.  611.    -47.4  0.25   1.00   0.20    3.20   78.    10.0  298.9    10.0
 15 01 01   1 16  323.9  0.444  0.891  0.010  215.  681.    -66.4  0.25   1.00   0.20    3.20   75.    10.0  298.6    10.0
 15 01 01   1 17  241.1  0.398  0.639  0.010  145.  578.    -86.2  0.25   1.00   0.20    3.10   74.    10.0  298.2    10.0
 15 01 01   1 18  138.2  0.363  0.222  0.010   77.  502.   -281.5  0.25   1.00   0.20    2.90   73.    10.0  297.6    10.0
 15 01 01   1 19   50.3  0.317 -9.000 -9.000 -999.  411.    125.2  0.25   1.00   0.20    2.60   74.    10.0  296.6    10.0
 15 01 01   1 20    6.9  0.300 -9.000 -9.000 -999.  379.     64.9  0.25   1.00   0.20    2.50   72.    10.0  295.7    10.0
 15 01 01   1 21   -6.6  0.288 -9.000 -9.000 -999.  356.     53.0  0.25   1.00   0.20    2.40   70.    10.0  295.3    10.0
 15 01 01   1 22   -9.9  0.260 -9.000 -9.000 -999.  304.     44.0  0.25   1.00   0.20    2.20   70.    10.0  295.1    10.0
 15 01 01   1 23   -4.1  0.229 -9.000 -9.000 -999.  252.     45.5  0.25   1.00   0.20    2.00   73.    10.0  294.8    10.0
 15 01 01   1 24    4.3  0.138 -9.000 -9.000 -999.  118.     33.1  0.25   1.00   0.20    1.00   96.    10.0  294.7    10.0
♀ *** AERMOD - VERSION  15181 ***   *** C:\Proj\Star\NOx.isc                                             ***         03/17/17
 *** AERMET - VERSION  15181 ***   *** NO2                                                              ***         17:07:31
                                                                                                                    PAGE  30
 **MODELOPTs:   NonDFAULT CONC      ELEV      FLGPOL    ARM       BETA      RURAL     LW2       ADJ_U*    BULKRN


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 15 01 01 01   10.0 0   69.    1.20   293.7   16.5    0.28    0.40
 15 01 01 01   25.0 0   66.    1.70   293.6   13.1    0.32    0.40
 15 01 01 01   49.9 0   61.    2.50   293.5    9.2    0.33    0.40
 15 01 01 01   74.9 0   58.    3.20   293.4    7.2    0.33    0.40
 15 01 01 01   99.8 0   55.    4.00   293.3    5.4    0.31    0.40
 15 01 01 01  149.7 0   51.    5.30   293.1    3.9    0.29    0.40
 15 01 01 01  199.7 0   48.    6.50   292.8    3.1    0.28    0.40
 15 01 01 01  249.6 0   45.    7.70   292.6    2.5    0.27    0.40
 15 01 01 01  299.5 0   42.    8.60   292.3    3.1    0.37    0.46
 15 01 01 01  349.4 0   41.    9.40   291.8    3.2    0.42    0.52
 15 01 01 01  399.3 0   39.   10.20   291.5    3.1    0.45    0.55
 15 01 01 01  449.2 0   36.   11.20   291.7    2.3    0.37    0.45
 15 01 01 01  499.1 0   33.   11.70   292.0    1.1    0.18    0.40
 15 01 01 01  599.0 0   29.   11.60   292.1    0.5    0.08    0.40
 15 01 01 01  748.7 0   23.   10.70   291.7    0.5    0.08    0.40
 15 01 01 01  998.3 0   12.    9.00   290.5    0.6    0.08    0.40
 15 01 01 01 1247.9 0  358.    7.40   289.1    1.1    0.12    0.40
 15 01 01 01 1497.4 0  343.    6.30   287.6    1.6    0.14    0.40
 15 01 01 01 1747.0 0  329.    6.10   286.0    1.3    0.12    0.40
 15 01 01 01 1996.6 0  318.    6.70   284.3    1.2    0.12    0.40
 15 01 01 01 2246.2 0  307.    7.20   283.0    1.4    0.14    0.40
 15 01 01 01 2495.7 0  296.    7.10   282.1    1.6    0.16    0.40
 15 01 01 01 2994.9 0  280.    6.30   280.2    1.8    0.16    0.40
 15 01 01 01 3494.0 0  276.    6.40   277.8    1.3    0.12    0.40
 15 01 01 01 3993.2 0  275.    7.20   275.3    0.8    0.08    0.40
 15 01 01 01 4492.3 0  271.    8.30   272.4    0.7    0.08    0.40
 15 01 01 01 4991.5 0  269.    9.60   268.9    0.6    0.08    0.40
 15 01 01 01 5989.8 0  266.   12.10   262.0    0.7    0.12    0.40
 15 01 01 01 6988.1 0  267.   14.10   255.9    0.9    0.18    0.40
 15 01 01 01 7986.4 1  268.   16.40   248.9    0.9    0.20    0.40

 F indicates top of profile (=1) or below (=0)
♀ *** AERMOD - VERSION  15181 ***   *** C:\Proj\Star\NOx.isc                                             ***         03/17/17
 *** AERMET - VERSION  15181 ***   *** NO2                                                              ***         17:07:31
                                                                                                                    PAGE  31
 **MODELOPTs:   NonDFAULT CONC      ELEV      FLGPOL    ARM       BETA      RURAL     LW2       ADJ_U*    BULKRN

                              *** THE PERIOD (  8784 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: NG       ***
                                 INCLUDING SOURCE(S):     STCK1       ,

                                   *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART ***
```

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	331623.56	331673.56	331723.56	331773.56	331823.56	331873.56	331923.56	331973.56	332023.56
6251990.22	0.04389	0.04650	0.05090	0.05725	0.05832	0.06204	0.06460	0.06778	0.07031
6251940.22	0.04297	0.04550	0.05059	0.05744	0.06020	0.06332	0.06591	0.06902	0.07245
6251890.22	0.04335	0.04529	0.04920	0.05461	0.05857	0.06201	0.06468	0.06684	0.06979
6251840.22	0.04375	0.04555	0.04773	0.05162	0.05625	0.05954	0.06034	0.06148	0.06514
6251790.22	0.04406	0.04589	0.04839	0.05098	0.05385	0.05639	0.05693	0.05912	0.06262
6251740.22	0.04431	0.04625	0.04890	0.05157	0.05347	0.05479	0.05557	0.05814	0.06144
6251690.22	0.04490	0.04657	0.04836	0.05071	0.05277	0.05469	0.05663	0.05875	0.06167
6251640.22	0.04597	0.04728	0.04861	0.05056	0.05261	0.05518	0.05782	0.06029	0.06280
6251590.22	0.04678	0.04854	0.05042	0.05165	0.05340	0.05541	0.05833	0.06146	0.06470
6251540.22	0.04758	0.04952	0.05156	0.05345	0.05549	0.05673	0.05901	0.06200	0.06530
6251490.22	0.04850	0.05002	0.05209	0.05461	0.05712	0.05945	0.06175	0.06343	0.06626
6251440.22	0.05088	0.05120	0.05254	0.05524	0.05832	0.06134	0.06449	0.06750	0.06952
6251390.22	0.05129	0.05173	0.05388	0.05627	0.05933	0.06189	0.06590	0.06941	0.07399
6251340.22	0.05020	0.05249	0.05526	0.05817	0.06019	0.06337	0.06682	0.07112	0.07585
6251290.22	0.04969	0.05192	0.05442	0.05776	0.06129	0.06544	0.06949	0.07413	0.07682
6251240.22	0.04954	0.05168	0.05442	0.05727	0.06042	0.06382	0.06852	0.07377	0.07981
6251190.22	0.05100	0.05306	0.05547	0.05759	0.06012	0.06378	0.06815	0.07238	0.07724
6251140.22	0.05219	0.05495	0.05771	0.06012	0.06284	0.06650	0.07066	0.07371	0.07623
6251090.22	0.05466	0.05774	0.06042	0.06263	0.06598	0.07039	0.07436	0.07732	0.08053
6251040.22	0.05862	0.06157	0.06506	0.06793	0.07142	0.07502	0.07913	0.08294	0.08736
6250990.22	0.06395	0.06728	0.07103	0.07473	0.07806	0.08144	0.08503	0.08919	0.09439
6250940.22	0.06792	0.07169	0.07559	0.07993	0.08463	0.08895	0.09351	0.09733	0.10416
6250890.22	0.06996	0.07382	0.07797	0.08199	0.08676	0.09217	0.09701	0.10247	0.10905
6250840.22	0.07210	0.07654	0.08058	0.08490	0.08962	0.09521	0.10071	0.10724	0.11461
6250790.22	0.07437	0.07904	0.08265	0.08784	0.09341	0.09870	0.10448	0.11201	0.12032
6250740.22	0.07642	0.08079	0.08558	0.09065	0.09664	0.10383	0.11081	0.11918	0.12803
6250690.22	0.08027	0.08501	0.09073	0.09620	0.10258	0.10936	0.11585	0.12275	0.12951
6250640.22	0.08354	0.08874	0.09371	0.09884	0.10506	0.11044	0.11509	0.12059	0.12546
6250590.22	0.08492	0.09200	0.09655	0.10074	0.10426	0.10707	0.11083	0.11512	0.12139
6250540.22	0.08509	0.08924	0.09361	0.09809	0.09999	0.10217	0.10461	0.10930	0.11818
6250490.22	0.08248	0.08603	0.09039	0.09523	0.09924	0.10294	0.10673	0.11256	0.12131
6250440.22	0.08057	0.08529	0.09016	0.09684	0.10408	0.10974	0.11431	0.11837	0.12439
6250390.22	0.08115	0.08564	0.09085	0.09811	0.10665	0.11609	0.12001	0.12455	0.13194
6250340.22	0.08256	0.08681	0.09171	0.09822	0.10574	0.11600	0.12454	0.13093	0.14119
6250290.22	0.08397	0.08828	0.09292	0.09956	0.10771	0.11654	0.12799	0.13844	0.14956
6250240.22	0.08455	0.09033	0.09620	0.10363	0.11329	0.12165	0.13073	0.14120	0.15075
6250190.22	0.08687	0.09337	0.10195	0.10946	0.11632	0.12295	0.13033	0.14050	0.15146
6250140.22	0.08956	0.09820	0.10604	0.11379	0.11766	0.12349	0.13091	0.14054	0.14900
6250090.22	0.09088	0.10011	0.10551	0.11276	0.12276	0.12830	0.13375	0.14180	0.14569
6250040.22	0.08895	0.10053	0.10764	0.11450	0.12531	0.13071	0.13231	0.13677	0.14107

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NG ***
INCLUDING SOURCE(S): STCK1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	332073.56	332123.56	332173.56	332223.56	332273.56	332323.56	332373.56	332423.56	332473.56
6251990.22	0.07088	0.06967	0.07016	0.07216	0.07573	0.08010	0.08579	0.09225	0.09821
6251940.22	0.07114	0.07027	0.07145	0.07250	0.07553	0.08068	0.08593	0.09323	0.10231
6251890.22	0.07082	0.07082	0.07270	0.07307	0.07576	0.07964	0.08626	0.09315	0.10093
6251840.22	0.06830	0.06896	0.07125	0.07367	0.07671	0.08018	0.08689	0.09348	0.09990
6251790.22	0.06530	0.06811	0.07163	0.07515	0.07873	0.08221	0.08696	0.09360	0.10057
6251740.22	0.06519	0.06891	0.07356	0.07820	0.08226	0.08592	0.08980	0.09490	0.10303
6251690.22	0.06543	0.07026	0.07616	0.08056	0.08406	0.08834	0.09291	0.09759	0.10430
6251640.22	0.06588	0.07106	0.07637	0.08036	0.08619	0.09162	0.09654	0.10190	0.10698
6251590.22	0.06734	0.07070	0.07489	0.08092	0.08713	0.09384	0.10043	0.10593	0.11184
6251540.22	0.06871	0.07249	0.07601	0.08062	0.08721	0.09468	0.10286	0.11021	0.11643
6251490.22	0.06955	0.07394	0.07821	0.08226	0.08715	0.09439	0.10309	0.11255	0.12135
6251440.22	0.07245	0.07531	0.07965	0.08480	0.09004	0.09499	0.10206	0.11230	0.12346
6251390.22	0.07744	0.08050	0.08350	0.08713	0.09211	0.09790	0.10348	0.11081	0.12234
6251340.22	0.08126	0.08576	0.09012	0.09498	0.10284	0.10787	0.10614	0.11389	0.12170
6251290.22	0.08262	0.08897	0.09559	0.10072	0.11199	0.12328	0.11524	0.11801	0.12457
6251240.22	0.08488	0.09136	0.09666	0.10374	0.11829	0.12598	0.12559	0.13367	0.13777
6251190.22	0.08284	0.08978	0.09820	0.10465	0.11655	0.12671	0.13701	0.14828	0.15592
6251140.22	0.08117	0.08709	0.09307	0.10143	0.11121	0.12162	0.13319	0.14974	0.17016
6251090.22	0.08466	0.08904	0.09454	0.10020	0.10738	0.11561	0.12560	0.13958	0.15774
6251040.22	0.09111	0.09697	0.10345	0.10914	0.11620	0.12255	0.13010	0.13915	0.15434
6250990.22	0.09937	0.10508	0.11166	0.11938	0.12759	0.13643	0.14721	0.16237	0.18238
6250940.22	0.11081	0.11653	0.12406	0.13224	0.14080	0.15120	0.16418	0.19056	0.21691
6250890.22	0.11786	0.12422	0.13277	0.14323	0.15415	0.16609	0.18473	0.21978	0.24686
6250840.22	0.12264	0.13177	0.14146	0.15307	0.16610	0.18028	0.20384	0.23230	0.25885
6250790.22	0.12922	0.14007	0.15205	0.16342	0.17792	0.19057	0.21085	0.23495	0.24917
6250740.22	0.13786	0.14672	0.15574	0.16550	0.17487	0.18482	0.19454	0.21114	0.22112
6250690.22	0.13638	0.14379	0.15020	0.15770	0.16531	0.17309	0.18268	0.19365	0.20522
6250640.22	0.13040	0.13591	0.14159	0.14860	0.15557	0.16413	0.17571	0.18873	0.20349
6250590.22	0.12340	0.12879	0.13628	0.14489	0.15432	0.16451	0.17645	0.19467	0.21997
6250540.22	0.12604	0.12962	0.13714	0.14529	0.15526	0.16947	0.18797	0.21495	0.25671
6250490.22	0.12700	0.13267	0.13925	0.14950	0.16386	0.18080	0.21063	0.24552	0.28352
6250440.22	0.13115	0.13796	0.14701	0.15923	0.17746	0.20388	0.23063	0.25611	0.27432
6250390.22	0.13971	0.14588	0.15415	0.17068	0.19382	0.21745	0.23308	0.24509	0.24672
6250340.22	0.14824	0.15205	0.16396	0.17944	0.19787	0.21360	0.22344	0.22157	0.21824
6250290.22	0.15544	0.15807	0.16883	0.18097	0.19623	0.19951	0.20266	0.20163	0.20110
6250240.22	0.15698	0.16128	0.17147	0.17793	0.18418	0.18461	0.18416	0.18791	0.19499
6250190.22	0.15815	0.16563	0.17075	0.17163	0.17161	0.17024	0.17060	0.17194	0.17684
6250140.22	0.15767	0.16217	0.16258	0.16367	0.16146	0.15842	0.15733	0.15904	0.15517
6250090.22	0.15048	0.15487	0.15554	0.15566	0.14963	0.14677	0.14806	0.14605	0.13996
6250040.22	0.14397	0.14574	0.14741	0.14759	0.14154	0.13997	0.13789	0.13223	0.13169

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NG ***
INCLUDING SOURCE(S): STCK1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	332523.56	332573.56	332623.56	332673.56	332723.56	332773.56	332823.56	332873.56	332923.56
6251990.22	0.09951	0.09910	0.10311	0.10754	0.11069	0.11759	0.12499	0.13145	0.12585
6251940.22	0.10482	0.10504	0.10954	0.11262	0.11398	0.12131	0.12991	0.13498	0.13040
6251890.22	0.10518	0.10978	0.11446	0.11837	0.12006	0.12768	0.13645	0.14511	0.13919
6251840.22	0.10708	0.11353	0.12004	0.12332	0.12661	0.13313	0.14407	0.15561	0.15097
6251790.22	0.10909	0.11750	0.12612	0.12976	0.13445	0.13896	0.15059	0.16492	0.16312
6251740.22	0.11193	0.12206	0.13064	0.13640	0.14174	0.14562	0.15828	0.17313	0.17846
6251690.22	0.11368	0.12487	0.13466	0.14273	0.15053	0.15458	0.16556	0.18286	0.19432
6251640.22	0.11509	0.12493	0.13618	0.14740	0.15784	0.16492	0.17334	0.19274	0.20978
6251590.22	0.11827	0.12728	0.13948	0.15229	0.16447	0.17496	0.18103	0.20144	0.22535
6251540.22	0.12357	0.13121	0.14137	0.15616	0.17047	0.18421	0.19237	0.21245	0.23859
6251490.22	0.12868	0.13628	0.14615	0.15884	0.17803	0.19384	0.20797	0.22217	0.25350
6251440.22	0.13405	0.14285	0.15169	0.16508	0.18339	0.20552	0.22474	0.23614	0.26868
6251390.22	0.13587	0.14840	0.15955	0.17004	0.18550	0.21265	0.24508	0.26626	0.29283
6251340.22	0.13381	0.14984	0.16409	0.17656	0.19049	0.21303	0.25898	0.29994	0.32046
6251290.22	0.13508	0.14833	0.16754	0.18322	0.19847	0.22074	0.28014	0.33255	0.36722
6251240.22	0.14109	0.15202	0.16527	0.18656	0.21290	0.23594	0.28435	0.33822	0.38224
6251190.22	0.16608	0.17482	0.17293	0.18595	0.20779	0.24101	0.28516	0.35182	0.40878
6251140.22	0.18714	0.20982	0.21453	0.21666	0.21386	0.23504	0.27851	0.33151	0.43224
6251090.22	0.18416	0.21780	0.25226	0.27700	0.28151	0.27992	0.27863	0.31354	0.48436
6251040.22	0.17462	0.19854	0.22995	0.26814	0.32637	0.37630	0.38813	0.37870	0.37888
6250990.22	0.20548	0.22033	0.23181	0.25850	0.29283	0.35302	0.41656	0.48352	0.50695
6250940.22	0.24129	0.25619	0.27768	0.31454	0.37304	0.42726	0.47833	0.57675	0.74922
6250890.22	0.27597	0.30225	0.32952	0.37719	0.45267	0.52922	0.58790	0.63887	0.70203
6250840.22	0.29132	0.32287	0.34512	0.37428	0.42765	0.49561	0.55361	0.65489	0.89220
6250790.22	0.26757	0.29428	0.31724	0.34503	0.38284	0.44185	0.58398	0.81300	1.13992

6250740.22	0.23692	0.26103	0.28528	0.31787	0.38452	0.52586	0.72269	0.92361	0.91542
6250690.22	0.22232	0.24555	0.28521	0.36902	0.48305	0.60726	0.72474	0.71026	0.59585
6250640.22	0.22976	0.27512	0.34200	0.43198	0.51463	0.56896	0.55032	0.46743	0.47676
6250590.22	0.26409	0.32156	0.38749	0.43732	0.45378	0.44456	0.38433	0.37926	0.44802
6250540.22	0.30653	0.34706	0.37012	0.37435	0.37383	0.33457	0.30898	0.34883	0.40971
6250490.22	0.30949	0.31907	0.31979	0.31644	0.29786	0.27452	0.28718	0.33441	0.36890
6250440.22	0.27937	0.27876	0.27905	0.26995	0.24696	0.24419	0.28438	0.31852	0.31951
6250390.22	0.24554	0.24832	0.24671	0.22813	0.21601	0.23817	0.27215	0.28409	0.27348
6250340.22	0.22174	0.22512	0.21230	0.19988	0.20832	0.23813	0.25700	0.25442	0.24294
6250290.22	0.20350	0.19886	0.18632	0.18596	0.21110	0.23639	0.23881	0.22745	0.21905
6250240.22	0.18735	0.17322	0.17208	0.19006	0.21282	0.22081	0.21916	0.20977	0.20169
6250190.22	0.16544	0.15909	0.17055	0.19413	0.21020	0.20451	0.19632	0.19088	0.18737
6250140.22	0.15054	0.15513	0.17424	0.19311	0.19825	0.18999	0.18199	0.17736	0.17472
6250090.22	0.14401	0.15723	0.17434	0.18282	0.18139	0.17383	0.16766	0.16496	0.16157
6250040.22	0.14233	0.16232	0.17317	0.17059	0.16638	0.16290	0.16007	0.15746	0.15170

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NG ***
INCLUDING SOURCE(S): STCK1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	332973.56	333023.56	333073.56	333123.56	333173.56	333223.56	333273.56	333323.56	333373.56
6251990.22	0.12282	0.11917	0.12081	0.11570	0.11138	0.11029	0.10762	0.10597	0.10411
6251940.22	0.12620	0.12105	0.12222	0.11876	0.11874	0.11655	0.11546	0.11142	0.10957
6251890.22	0.13345	0.12948	0.13039	0.12641	0.12558	0.12352	0.12307	0.11772	0.11575
6251840.22	0.14384	0.13702	0.13837	0.13439	0.13356	0.13167	0.12931	0.12491	0.12331
6251790.22	0.15436	0.14548	0.14738	0.14420	0.14191	0.14037	0.13693	0.13374	0.13100
6251740.22	0.16682	0.15472	0.15684	0.15357	0.15121	0.15062	0.14562	0.14206	0.13800
6251690.22	0.18039	0.16667	0.16700	0.16427	0.16239	0.16051	0.15523	0.15199	0.14602
6251640.22	0.19641	0.17979	0.17915	0.17700	0.17339	0.17005	0.16600	0.16120	0.15638
6251590.22	0.21508	0.19319	0.19042	0.18933	0.18594	0.18129	0.17734	0.17255	0.16911
6251540.22	0.23303	0.20908	0.20359	0.20370	0.20046	0.19201	0.18898	0.18457	0.18060
6251490.22	0.25540	0.23009	0.21767	0.22122	0.21644	0.20808	0.20242	0.19475	0.19159
6251440.22	0.28359	0.25141	0.23379	0.23882	0.23313	0.22622	0.21973	0.21096	0.20898
6251390.22	0.31109	0.27948	0.25481	0.26302	0.25389	0.24582	0.23583	0.23243	0.22354
6251340.22	0.34483	0.31533	0.28224	0.29649	0.28436	0.27145	0.25734	0.25814	0.23058
6251290.22	0.38977	0.35937	0.31582	0.33216	0.31580	0.30174	0.29683	0.27381	0.23217
6251240.22	0.44104	0.42354	0.35880	0.37324	0.35320	0.34267	0.33785	0.28666	0.23245
6251190.22	0.50131	0.50084	0.41497	0.42442	0.40463	0.40368	0.36355	0.29274	0.23282
6251140.22	0.57601	0.57881	0.48850	0.48999	0.48663	0.46561	0.38085	0.28143	0.22785
6251090.22	0.86464	0.67358	0.56957	0.58237	0.60888	0.51337	0.35540	0.26534	0.24430
6251040.22	0.64388	0.78129	0.66888	0.77306	0.71632	0.47315	0.32804	0.32112	0.34508
6250990.22	0.47433	1.27063	1.03571	1.13221	0.72713	0.50380	0.48634	0.49816	0.48380
6250940.22	1.17943	2.38471	4.11773	2.48288	0.98294	0.75282	0.74181	0.66533	0.57803
6250890.22	1.65925	3.42781	3.23013	2.61121	1.79058	0.94986	0.81598	0.69068	0.58904
6250840.22	1.29813	1.45971	3.07956	3.04638	0.99658	0.63831	0.63092	0.59611	0.54126
6250790.22	1.14128	1.29485	1.55065	1.12641	0.98668	0.81843	0.59015	0.47645	0.42464
6250740.22	0.77625	0.71733	0.92399	0.44442	0.56145	0.76363	0.68994	0.51054	0.39739
6250690.22	0.60419	0.67981	0.60138	0.37604	0.32349	0.51767	0.61068	0.54088	0.45512
6250640.22	0.55636	0.58113	0.51331	0.36222	0.22569	0.33582	0.45487	0.45643	0.41391
6250590.22	0.50533	0.48068	0.42844	0.32884	0.21638	0.23163	0.32276	0.36227	0.35513
6250540.22	0.42789	0.42459	0.38398	0.30417	0.20863	0.17722	0.23070	0.27019	0.29628
6250490.22	0.36017	0.37283	0.34787	0.28240	0.20063	0.15126	0.16462	0.20967	0.24583
6250440.22	0.30600	0.31189	0.30928	0.26697	0.19474	0.14355	0.13626	0.16284	0.20130
6250390.22	0.26718	0.27110	0.27887	0.24876	0.19904	0.15228	0.12639	0.13462	0.16531
6250340.22	0.23915	0.24285	0.24395	0.22275	0.19392	0.15792	0.12921	0.12129	0.13557
6250290.22	0.21419	0.21755	0.22015	0.20428	0.18002	0.14669	0.12314	0.10819	0.11747
6250240.22	0.19667	0.19980	0.20286	0.19112	0.16886	0.13583	0.11110	0.09966	0.10417
6250190.22	0.18378	0.18529	0.18572	0.17724	0.16177	0.13240	0.10931	0.09331	0.09428
6250140.22	0.17481	0.17488	0.17364	0.16849	0.15602	0.12865	0.10421	0.08977	0.08783
6250090.22	0.16300	0.16546	0.16359	0.15870	0.14806	0.12409	0.10162	0.08795	0.08255
6250040.22	0.15122	0.15841	0.15833	0.15197	0.13927	0.12037	0.10073	0.08551	0.07842

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NG ***
INCLUDING SOURCE(S): STCK1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	333423.56	333473.56	333523.56	333573.56	333623.56	333673.56	333723.56	333773.56	333823.56
6251990.22	0.10065	0.09756	0.09827	0.09472	0.09087	0.08817	0.08434	0.08489	0.08212
6251940.22	0.10648	0.10445	0.10261	0.09889	0.09572	0.09159	0.08847	0.08568	0.08230
6251890.22	0.11165	0.11237	0.10788	0.10398	0.10095	0.09568	0.09175	0.08634	0.08066
6251840.22	0.11854	0.11976	0.11431	0.10991	0.10545	0.10264	0.09336	0.08561	0.07902
6251790.22	0.12718	0.12712	0.12119	0.11600	0.11151	0.10460	0.09244	0.08343	0.07864
6251740.22	0.13641	0.13134	0.12675	0.12143	0.11669	0.10409	0.08873	0.08181	0.08736
6251690.22	0.14491	0.13878	0.13338	0.12664	0.11758	0.10078	0.08802	0.08755	0.09244
6251640.22	0.15304	0.14660	0.14220	0.13077	0.11502	0.09645	0.09025	0.09121	0.10574
6251590.22	0.16242	0.15678	0.14792	0.12974	0.10933	0.09783	0.09708	0.10252	0.11956
6251540.22	0.17335	0.16825	0.14931	0.12499	0.10833	0.10419	0.10785	0.11489	0.11896
6251490.22	0.18677	0.17102	0.14486	0.12135	0.11369	0.11818	0.12011	0.12193	0.11795
6251440.22	0.19664	0.16864	0.13878	0.12619	0.12980	0.13201	0.12528	0.11990	0.12689
6251390.22	0.19569	0.16195	0.14211	0.14324	0.14270	0.13519	0.12494	0.12035	0.13190
6251340.22	0.19289	0.16212	0.15991	0.15502	0.14516	0.13483	0.13141	0.13231	0.13991
6251290.22	0.19290	0.17846	0.16853	0.15569	0.14655	0.14443	0.14836	0.15268	0.15328
6251240.22	0.20142	0.18477	0.17034	0.16327	0.16357	0.16812	0.17006	0.16836	0.15948
6251190.22	0.20285	0.18763	0.18149	0.18772	0.19255	0.18993	0.18015	0.17798	0.17740
6251140.22	0.21103	0.21090	0.21945	0.21964	0.21147	0.20144	0.19271	0.20341	0.22030
6251090.22	0.25634	0.26398	0.26011	0.24919	0.24116	0.22977	0.22346	0.23970	0.26968
6251040.22	0.34662	0.32961	0.31097	0.29619	0.28541	0.27509	0.26496	0.26904	0.29465
6250990.22	0.45066	0.40793	0.37842	0.35862	0.33601	0.31593	0.29792	0.28959	0.31755
6250940.22	0.51565	0.46321	0.41975	0.38095	0.34797	0.31986	0.29854	0.28484	0.30029
6250890.22	0.50678	0.45133	0.40410	0.36483	0.33047	0.30367	0.28287	0.27218	0.28985
6250840.22	0.47405	0.42010	0.37328	0.33701	0.30703	0.28656	0.26579	0.25574	0.28517
6250790.22	0.40441	0.37732	0.34525	0.31602	0.28901	0.26567	0.24722	0.23583	0.27147
6250740.22	0.34242	0.30909	0.29714	0.28937	0.27814	0.25891	0.24159	0.23070	0.23821
6250690.22	0.35598	0.29748	0.27174	0.25341	0.24390	0.23996	0.23298	0.22667	0.24142
6250640.22	0.35913	0.31957	0.28779	0.25800	0.23293	0.21319	0.20386	0.20623	0.22229
6250590.22	0.32725	0.29221	0.27468	0.26068	0.23281	0.21004	0.19578	0.18669	0.21180
6250540.22	0.29178	0.27193	0.25484	0.24590	0.23318	0.21134	0.19567	0.17696	0.17763
6250490.22	0.26466	0.24926	0.23837	0.22660	0.21300	0.20098	0.19025	0.18121	0.19709
6250440.22	0.22902	0.23127	0.22400	0.21416	0.20538	0.19563	0.18317	0.17348	0.17955
6250390.22	0.19549	0.20573	0.20579	0.20032	0.19690	0.18814	0.17690	0.16690	0.17265
6250340.22	0.16105	0.17926	0.18673	0.18412	0.18111	0.17572	0.16763	0.16241	0.16073
6250290.22	0.13393	0.15475	0.16822	0.17090	0.16777	0.16281	0.16037	0.15282	0.14671
6250240.22	0.11525	0.13275	0.14811	0.15624	0.15675	0.15297	0.15153	0.14814	0.13990
6250190.22	0.10342	0.11429	0.12896	0.14028	0.14502	0.14443	0.14139	0.14039	0.13463
6250140.22	0.09384	0.10268	0.11239	0.12312	0.13102	0.13418	0.13221	0.13017	0.12642
6250090.22	0.08564	0.09299	0.09949	0.10822	0.11722	0.12255	0.12516	0.12155	0.11982
6250040.22	0.07957	0.08495	0.09097	0.09560	0.10327	0.11151	0.11580	0.11514	0.11475

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NG ***
INCLUDING SOURCE(S): STCK1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	333873.56	333923.56	333973.56	334023.56	334073.56	334123.56	334173.56	334223.56	334273.56

6251990.22	0.07739	0.07712	0.06850	0.06906	0.06797	0.06479	0.05960	0.05559	0.05394
6251940.22	0.08201	0.07445	0.07068	0.07194	0.06804	0.06597	0.06313	0.05932	0.05696
6251890.22	0.07794	0.07647	0.07553	0.07509	0.07263	0.07023	0.06742	0.06326	0.06013
6251840.22	0.07754	0.08248	0.08011	0.07816	0.07860	0.07741	0.07098	0.06529	0.06183
6251790.22	0.08480	0.08765	0.08381	0.08348	0.08326	0.08064	0.07300	0.06701	0.06287
6251740.22	0.08718	0.09030	0.09006	0.08912	0.08624	0.08427	0.07646	0.07841	0.07257
6251690.22	0.08618	0.08792	0.09203	0.09338	0.08690	0.08495	0.07433	0.07288	0.07428
6251640.22	0.09273	0.07366	0.09441	0.09700	0.08496	0.08323	0.08512	0.08104	0.08117
6251590.22	0.10550	0.09984	0.09401	0.09457	0.08632	0.09060	0.08592	0.08539	0.08865
6251540.22	0.10693	0.09750	0.09029	0.09044	0.09953	0.10726	0.09369	0.09382	0.09286
6251490.22	0.10452	0.10448	0.09718	0.10454	0.11666	0.10473	0.09900	0.09875	0.09855
6251440.22	0.11642	0.11714	0.11722	0.11725	0.12674	0.11091	0.10439	0.10413	0.10037
6251390.22	0.13711	0.13148	0.12807	0.12949	0.12697	0.11447	0.10524	0.10409	0.10018
6251340.22	0.15684	0.14760	0.13997	0.13300	0.12540	0.11812	0.11201	0.10795	0.10375
6251290.22	0.15873	0.15386	0.14443	0.13737	0.13088	0.12673	0.12262	0.11971	0.11685
6251240.22	0.16621	0.16045	0.15176	0.14698	0.14472	0.14368	0.13797	0.13403	0.12899
6251190.22	0.19143	0.17637	0.17108	0.17117	0.16579	0.15860	0.15238	0.14745	0.13806
6251140.22	0.22379	0.21057	0.20250	0.19537	0.18640	0.17720	0.16922	0.15894	0.14637
6251090.22	0.25269	0.23649	0.22431	0.21140	0.19950	0.18912	0.17531	0.16386	0.14907
6251040.22	0.25996	0.24639	0.23214	0.22074	0.20821	0.18818	0.16325	0.14768	0.14118
6250990.22	0.27346	0.25240	0.23677	0.22249	0.19931	0.17417	0.15171	0.14335	0.13268
6250940.22	0.28000	0.25077	0.23548	0.21943	0.19561	0.17688	0.16475	0.15661	0.14334
6250890.22	0.26984	0.24750	0.22892	0.20899	0.19448	0.18239	0.16533	0.15528	0.14554
6250840.22	0.25507	0.23238	0.21876	0.19925	0.18383	0.17024	0.15575	0.15001	0.14227
6250790.22	0.24252	0.21668	0.20795	0.19080	0.17123	0.15752	0.14824	0.13957	0.12847
6250740.22	0.22723	0.20932	0.19190	0.18349	0.16157	0.15194	0.14224	0.12873	0.10470
6250690.22	0.22148	0.20286	0.18832	0.17477	0.16357	0.15289	0.14484	0.13074	0.11841
6250640.22	0.19265	0.19212	0.18214	0.17176	0.16145	0.15434	0.14928	0.13429	0.12262
6250590.22	0.18222	0.18215	0.17485	0.16950	0.15676	0.14809	0.14428	0.12915	0.12081
6250540.22	0.17598	0.16568	0.16869	0.17130	0.15914	0.15251	0.13999	0.12537	0.11875
6250490.22	0.17302	0.16092	0.15783	0.15932	0.15164	0.14349	0.12911	0.12096	0.11558
6250440.22	0.19100	0.17293	0.16547	0.15111	0.14645	0.13096	0.11967	0.11649	0.11165
6250390.22	0.17695	0.16599	0.15642	0.15601	0.14358	0.13519	0.11865	0.11342	0.10577
6250340.22	0.16406	0.15017	0.14904	0.14339	0.14046	0.13104	0.11701	0.10837	0.10348
6250290.22	0.15418	0.14550	0.14227	0.13812	0.13382	0.13090	0.11503	0.10750	0.10548
6250240.22	0.13498	0.14047	0.13890	0.13802	0.13305	0.12079	0.11987	0.10497	0.10207
6250190.22	0.12974	0.13547	0.14017	0.13362	0.12138	0.11336	0.11050	0.10469	0.09742
6250140.22	0.12906	0.13193	0.13453	0.12482	0.11215	0.11074	0.10376	0.10465	0.09810
6250090.22	0.12828	0.12976	0.12731	0.11748	0.10748	0.10161	0.09935	0.09818	0.08938
6250040.22	0.11759	0.12077	0.11809	0.11352	0.10551	0.09617	0.10007	0.08956	0.08606

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NG ***
INCLUDING SOURCE(S): STCK1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	334323.56	334373.56	334423.56	334473.56	334523.56	334573.56
6251990.22	0.05256	0.05114	0.04968	0.04901	0.04753	0.04662
6251940.22	0.05528	0.05239	0.05048	0.04902	0.04795	0.04791
6251890.22	0.05783	0.05384	0.05167	0.05096	0.04989	0.04950
6251840.22	0.05803	0.05536	0.05407	0.05352	0.05310	0.05216
6251790.22	0.06015	0.05905	0.05839	0.05723	0.05670	0.05495
6251740.22	0.06649	0.06535	0.06346	0.06116	0.06024	0.05835
6251690.22	0.08103	0.07434	0.07185	0.06970	0.06996	0.06743
6251640.22	0.08654	0.07989	0.07760	0.08047	0.07688	0.07370
6251590.22	0.08710	0.07783	0.07705	0.08406	0.07765	0.07586
6251540.22	0.09065	0.08244	0.08098	0.07902	0.07717	0.07981
6251490.22	0.08954	0.08444	0.08635	0.08113	0.07429	0.07546
6251440.22	0.09241	0.09006	0.08723	0.08087	0.07305	0.07677
6251390.22	0.09807	0.09553	0.08941	0.08532	0.08065	0.07682
6251340.22	0.10353	0.09948	0.09589	0.09374	0.09153	0.08600
6251290.22	0.11505	0.10941	0.10496	0.10125	0.09903	0.09221
6251240.22	0.12367	0.12021	0.11445	0.10900	0.10460	0.09682
6251190.22	0.13220	0.12883	0.12088	0.10955	0.10046	0.10167
6251140.22	0.13674	0.12977	0.12296	0.11711	0.11049	0.10552
6251090.22	0.13855	0.13122	0.12308	0.11833	0.10983	0.10546
6251040.22	0.14007	0.13599	0.12636	0.11568	0.10866	0.10458
6250990.22	0.13514	0.13589	0.12718	0.11636	0.10890	0.10665
6250940.22	0.13764	0.13092	0.12163	0.11618	0.11072	0.10894
6250890.22	0.13250	0.12410	0.12183	0.12036	0.11179	0.10490
6250840.22	0.12901	0.11947	0.11802	0.11707	0.11407	0.10394
6250790.22	0.12115	0.11412	0.11211	0.11016	0.11451	0.10237
6250740.22	0.11291	0.11044	0.10726	0.11171	0.10921	0.09910
6250690.22	0.11424	0.10886	0.10508	0.10796	0.10252	0.09431
6250640.22	0.11405	0.10047	0.10339	0.10606	0.09984	0.09334
6250590.22	0.10656	0.10213	0.10378	0.10931	0.10096	0.09623
6250540.22	0.11286	0.10738	0.10392	0.10320	0.09860	0.09407
6250490.22	0.11474	0.11320	0.10517	0.10271	0.09585	0.09269
6250440.22	0.10782	0.11126	0.10347	0.09921	0.09683	0.09415
6250390.22	0.10253	0.10129	0.10002	0.09646	0.09695	0.08944
6250340.22	0.09823	0.09422	0.09115	0.09259	0.09239	0.09089
6250290.22	0.09940	0.09226	0.08828	0.09011	0.09150	0.08651
6250240.22	0.09580	0.09208	0.09118	0.09037	0.08744	0.08231
6250190.22	0.09191	0.08989	0.09041	0.08835	0.08818	0.08282
6250140.22	0.08804	0.08501	0.08546	0.09016	0.08294	0.08370
6250090.22	0.08475	0.08127	0.08273	0.08762	0.08215	0.08204
6250040.22	0.08431	0.08126	0.08171	0.07846	0.07760	0.07873

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NG ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
333127.00	6250815.00	2.09271	333032.00	6250831.00	1.65267
333010.00	6250890.00	3.00849	332939.00	6251028.00	0.39246
332953.00	6251077.00	0.65117	332905.00	6251107.00	0.37946
332884.00	6251143.00	0.35197	332987.00	6251153.00	0.57213
332985.00	6251107.00	0.84139	332985.00	6251107.00	0.98615
333288.00	6251156.00	0.35344			

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DIESP ***
INCLUDING SOURCE(S): STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	331623.56	331673.56	331723.56	331773.56	331823.56	331873.56	331923.56	331973.56	332023.56
6251990.22	1.09874	1.12115	1.14921	1.19761	1.24114	1.27445	1.30953	1.35823	1.42331
6251940.22	1.17482	1.17311	1.18417	1.23079	1.28199	1.32659	1.37124	1.41432	1.46363
6251890.22	1.24141	1.24339	1.23280	1.26551	1.31437	1.36686	1.41825	1.46570	1.51127
6251840.22	1.26884	1.32247	1.32656	1.32617	1.35963	1.41268	1.47162	1.53927	1.59128
6251790.22	1.28603	1.35350	1.39582	1.40481	1.43700	1.48467	1.57630	1.67189	1.72933
6251740.22	1.32836	1.38472	1.44850	1.47496	1.52977	1.60704	1.61026	1.62574	1.68077
6251690.22	1.36849	1.42694	1.48298	1.55471	1.59176	1.60861	1.65841	1.67924	1.73765
6251640.22	1.37179	1.44498	1.48627	1.54684	1.59400	1.63657	1.70159	1.75250	1.82408
6251590.22	1.34543	1.44240	1.50939	1.59203	1.64343	1.69581	1.76192	1.83872	1.91257
6251540.22	1.37276	1.44052	1.49620	1.57893	1.64093	1.71087	1.80639	1.90804	1.95036
6251490.22	1.50262	1.49052	1.49484	1.56845	1.64911	1.73578	1.82167	1.89726	2.00227

6251440.22	1.53041	1.55480	1.56039	1.63988	1.72974	1.78615	1.85969	1.92878	2.04044
6251390.22	1.60533	1.58455	1.60801	1.68963	1.77084	1.84277	1.93944	2.03631	2.14302
6251340.22	1.49033	1.53985	1.60554	1.68079	1.77443	1.87624	1.98354	2.13230	2.27882
6251290.22	1.46345	1.52107	1.57850	1.67793	1.77210	1.87456	1.99448	2.18291	2.28662
6251240.22	1.53221	1.61422	1.67769	1.75437	1.85722	1.95015	2.06923	2.21689	2.34594
6251190.22	1.62546	1.73811	1.84127	1.91914	2.01297	2.11758	2.27478	2.45513	2.59520
6251140.22	1.72256	1.86129	1.98360	2.04803	2.12999	2.32755	2.54894	2.70571	2.79392
6251090.22	1.82904	1.99752	2.12034	2.20577	2.33962	2.54533	2.69502	2.86957	2.96668
6251040.22	1.92638	2.06781	2.24743	2.37283	2.49930	2.64702	2.80190	2.91099	3.05150
6250990.22	1.97068	2.10194	2.25397	2.39324	2.48495	2.58908	2.70591	2.85783	3.09590
6250940.22	1.94569	2.05575	2.19130	2.30933	2.49670	2.64934	2.84187	3.00083	3.30603
6250890.22	1.97317	2.10703	2.25118	2.41335	2.59091	2.82357	3.00832	3.18178	3.41516
6250840.22	2.05402	2.23586	2.38070	2.52769	2.66949	2.84171	2.99913	3.18839	3.33124
6250790.22	2.15384	2.29807	2.39838	2.50626	2.66539	2.78858	2.86699	2.94078	2.98263
6250740.22	2.14125	2.23314	2.36811	2.42824	2.51645	2.55290	2.55755	2.58264	2.61903
6250690.22	2.09535	2.14862	2.23239	2.22158	2.22061	2.26566	2.32399	2.37836	2.46449
6250640.22	1.96497	1.96761	1.99666	2.05682	2.12385	2.17761	2.23978	2.32356	2.36396
6250590.22	1.82451	1.99367	2.04633	2.11259	2.15469	2.18018	2.22010	2.35482	2.49835
6250540.22	1.84097	1.96032	2.02573	2.05833	2.16016	2.20261	2.20399	2.23944	2.40283
6250490.22	1.85147	1.96477	2.01277	2.04593	2.11816	2.17913	2.23473	2.27117	2.29613
6250440.22	1.87921	1.98782	1.99532	1.97122	1.97786	1.97739	2.05543	2.14211	2.23144
6250390.22	1.89931	1.94550	1.94117	1.89720	1.87127	1.91375	1.98589	2.11774	2.28037
6250340.22	1.86416	1.91323	1.87138	1.86256	1.87370	1.92747	2.04288	2.18181	2.32518
6250290.22	1.80477	1.78756	1.81669	1.83963	1.87878	1.99267	2.10987	2.22944	2.31937
6250240.22	1.75296	1.75021	1.80271	1.85725	1.93738	2.05233	2.16472	2.21991	2.24546
6250190.22	1.71100	1.73785	1.78670	1.89045	1.98650	2.07978	2.14453	2.15362	2.20255
6250140.22	1.71666	1.74430	1.82692	1.90756	1.99794	2.06034	2.07841	2.11398	2.13959
6250090.22	1.73686	1.78867	1.85774	1.90735	1.96301	1.98509	2.02214	2.03922	2.08141
6250040.22	1.80810	1.78678	1.84500	1.89237	1.91280	1.93118	1.95829	1.99947	2.01495

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DIESP ***
INCLUDING SOURCE(S): STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	332073.56	332123.56	332173.56	332223.56	332273.56	332323.56	332373.56	332423.56	332473.56
6251990.22	1.47550	1.54424	1.60713	1.66027	1.70748	1.73932	1.76257	1.84192	1.94189
6251940.22	1.51650	1.58185	1.67002	1.75837	1.81951	1.87080	1.90452	1.91602	1.98319
6251890.22	1.55835	1.63508	1.71842	1.85476	1.95031	2.01361	2.06619	2.06882	2.10723
6251840.22	1.64663	1.74196	1.86055	1.86476	1.92802	1.99357	2.12028	2.15062	2.12666
6251790.22	1.76804	1.72186	1.75911	1.81429	1.89504	1.99157	2.08477	2.15341	2.17505
6251740.22	1.72592	1.75568	1.85708	1.97947	2.04613	2.08730	2.14785	2.24369	2.35505
6251690.22	1.78701	1.90745	2.12232	2.12314	2.03338	2.08497	2.17853	2.28836	2.40178
6251640.22	1.89513	2.07190	2.16752	2.06277	2.14656	2.22533	2.29953	2.39159	2.50253
6251590.22	1.96999	2.01780	2.09240	2.17453	2.27216	2.36980	2.46200	2.54201	2.62618
6251540.22	2.03291	2.11901	2.20932	2.30285	2.40692	2.51122	2.61889	2.72463	2.82131
6251490.22	2.11524	2.22850	2.33727	2.44423	2.56001	2.66984	2.77569	2.90047	3.03379
6251440.22	2.16213	2.29050	2.45124	2.64599	2.76176	2.84657	2.97179	3.10800	3.24059
6251390.22	2.28571	2.42570	2.57886	2.72638	2.91936	3.06537	3.14308	3.32811	3.49867
6251340.22	2.42828	2.54260	2.67612	2.94942	3.22464	3.38705	3.32619	3.50807	3.71827
6251290.22	2.41054	2.58872	2.75156	2.97690	3.33304	3.52229	3.49676	3.73730	3.99748
6251240.22	2.48061	2.66152	2.80194	2.96390	3.46854	3.68446	3.62365	3.93915	4.26381
6251190.22	2.71960	2.83864	3.01941	3.16852	3.55946	3.69429	3.83541	4.23955	4.60419
6251140.22	2.92168	3.04730	3.22782	3.47355	3.77654	3.90895	4.22939	4.71521	5.22274
6251090.22	3.07730	3.20376	3.43972	3.70091	3.91075	4.19918	4.72087	5.30005	6.30557
6251040.22	3.16141	3.32230	3.65040	3.91036	4.28251	4.78335	5.41125	6.24800	7.35464
6250990.22	3.32452	3.57027	3.96891	4.32212	4.75001	5.22241	5.83205	6.59979	7.10779
6250940.22	3.57689	3.83658	4.16211	4.50669	4.83717	5.16334	5.60429	5.91895	6.13525
6250890.22	3.69466	3.89589	4.12617	4.27256	4.38662	4.50713	4.70993	4.85430	4.98362
6250840.22	3.43876	3.52495	3.60552	3.64012	3.69514	3.78772	4.01794	4.10265	4.29316
6250790.22	3.01431	3.05977	3.12642	3.17390	3.20619	3.33716	3.62895	3.84746	4.09005
6250740.22	2.68173	2.74185	2.78530	2.89801	3.05833	3.21823	3.34972	3.68602	3.88170
6250690.22	2.50251	2.58885	2.74484	2.86057	2.92625	3.04520	3.26280	3.51099	3.67789
6250640.22	2.48380	2.60803	2.63605	2.72980	2.82316	3.04479	3.25232	3.42592	3.58137
6250590.22	2.41158	2.46427	2.55041	2.66305	2.85704	3.04365	3.20947	3.33223	3.47853
6250540.22	2.43643	2.39974	2.54591	2.69461	2.88156	3.01068	3.10819	3.20449	3.39825
6250490.22	2.39411	2.59950	2.62542	2.76634	2.84944	2.90970	3.00063	3.13932	3.24456
6250440.22	2.41421	2.62859	2.75020	2.71824	2.82244	2.87911	2.94484	3.03729	3.07233
6250390.22	2.42582	2.68983	2.66595	2.66689	2.76652	2.89379	2.89388	2.90554	2.87221
6250340.22	2.46420	2.60670	2.61216	2.57509	2.70515	2.79530	2.91153	2.80277	2.67246
6250290.22	2.37389	2.51342	2.50441	2.55306	2.68446	2.77717	2.78983	2.71368	2.55361
6250240.22	2.31030	2.42947	2.54193	2.58745	2.72677	2.71702	2.66182	2.59115	2.57195
6250190.22	2.24888	2.32689	2.39362	2.51886	2.54172	2.53926	2.49161	2.40435	2.46660
6250140.22	2.19183	2.22802	2.35445	2.39507	2.36674	2.41048	2.28279	2.19730	2.27264
6250090.22	2.11499	2.21140	2.26682	2.24390	2.27711	2.30047	2.18769	2.18473	2.22353
6250040.22	2.09978	2.16245	2.14786	2.13994	2.11929	2.18833	2.14179	2.17076	2.19699

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DIESP ***
INCLUDING SOURCE(S): STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	332523.56	332573.56	332623.56	332673.56	332723.56	332773.56	332823.56	332873.56	332923.56
6251990.22	2.17847	2.14429	2.29970	2.45187	2.56797	2.58790	2.73354	3.12339	3.14226
6251940.22	2.15534	2.20512	2.49878	2.61073	2.49643	2.56255	2.69392	2.89658	3.03082
6251890.22	2.16538	2.22137	2.46702	2.61353	2.60470	2.69052	2.77922	2.99552	3.16479
6251840.22	2.10703	2.22308	2.42705	2.57694	2.71821	2.82597	2.88801	3.11312	3.33515
6251790.22	2.20873	2.30911	2.50676	2.63228	2.82031	2.96974	3.03252	3.23520	3.46934
6251740.22	2.43231	2.46496	2.56049	2.64249	2.88869	3.11560	3.20823	3.33732	3.63557
6251690.22	2.58817	2.67117	2.62157	2.65887	2.92808	3.22067	3.39617	3.47833	3.81736
6251640.22	2.61692	2.70409	2.73362	2.78024	2.96749	3.29272	3.56171	3.64393	3.98392
6251590.22	2.75010	2.86944	2.97021	3.01226	3.07677	3.34153	3.68352	3.88270	4.13417
6251540.22	2.90927	3.03600	3.16862	3.27687	3.32029	3.43033	3.77297	4.07116	4.22770
6251490.22	3.14350	3.24802	3.38007	3.51196	3.77305	3.79359	3.90741	4.19852	4.38249
6251440.22	3.38732	3.54231	3.68032	4.02409	4.16842	4.35580	4.41464	4.23261	4.57038
6251390.22	3.67714	3.86032	4.07246	4.22763	4.53419	4.81043	5.13576	5.10748	4.89477
6251340.22	3.96268	4.23913	4.44369	4.68988	4.81338	4.91778	5.56479	5.46797	5.06900
6251290.22	4.46678	5.01996	5.52451	5.53244	5.65220	6.03297	6.52921	6.19752	4.87260
6251240.22	4.81808	5.53223	6.06730	6.58640	7.07499	7.40159	7.62739	6.70032	4.13702
6251190.22	5.24920	5.97759	6.60519	7.27035	7.97285	8.72058	9.79006	10.86225	10.57357
6251140.22	6.00857	6.76036	7.81201	9.22598	11.05506	12.95231	15.36501	17.96739	23.13436
6251090.22	7.31032	8.45065	9.92944	11.32862	13.17406	15.12824	16.55716	17.81248	25.22743
6251040.22	8.16665	9.03251	10.10496	11.23332	12.01864	12.51935	12.28696	12.90021	16.28744
6250990.22	7.67817	8.21168	8.63911	8.75000	8.94637	9.27530	9.42116	9.05301	8.18186
6250940.22	6.32839	6.43960	6.55742	6.94336	7.02097	7.23568	7.39132	7.08900	6.61869
6250890.22	5.04015	5.31120	5.62398	5.71306	6.08884	6.62907	6.64493	6.48127	5.80371
6250840.22	4.50676	4.81310	5.08556	5.49041	6.03103	5.99721	6.14108	5.80804	5.45440
6250790.22	4.40020	4.58587	5.00827	5.47468	5.52147	5.65481	5.45141	5.35214	5.00542
6250740.22	4.04328	4.56064	5.00208	5.05977	5.20475	5.12829	4.94943	5.03015	4.57355
6250690.22	3.94051	4.28470	4.51597	4.71179	4.74128	4.52089	4.67264	4.62589	4.22183
6250640.22	3.83999	4.09240	4.09959	4.15236	4.07938	4.10790	4.29412	4.20750	3.87417
6250590.22	3.67029	3.71444	3.74495	3.76054	3.66349	3.86668	3.89123	3.93216	3.59969
6250540.22	3.45275	3.49074	3.44787	3.37791	3.51596	3.65330	3.54077	3.48278	3.29054
6250490.22	3.27263	3.20817	3.15682	3.13972	3.29882	3.38776	3.36831	3.22797	3.01451
6250440.22	3.01712	2.98469	2.95031	3.05109	3.17679	3.24022	3.23603	3.04769	2.80279
6250390.22	2.82476	2.77057	2.82279	2.92189	2.98215	2.98911	2.93225	2.75111	2.57276
6250340.22	2.63299	2.64142	2.71234	2.84836	2.86505	2.83998	2.72563	2.59077	2.40807
6250290.22	2.49492	2.57138	2.66579	2.72945	2.74964	2.71901	2.69871	2.48936	2.25686
6250240.22	2.48320	2.47387	2.60003	2.65221	2.64727	2.56268	2.52477	2.38017	2.14495
6250190.22	2.43873	2.45301	2.52724	2.61223	2.59227	2.42208	2.29294	2.20150	2.01669
6250140.22	2.36855	2.47217	2.47854	2.51240	2.53706	2.38876	2.18410	2.11080	1.97517
6250090.22	2.34613	2.35994	2.39875	2.41098	2.36018	2.22739	2.08183	1.97703	1.81008
6250040.22	2.34062	2.37724	2.40141	2.34128	2.20385	2.13424	2.07852	1.94688	1.73355

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DIESP ***
INCLUDING SOURCE(S): STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 332973.56	333023.56	333073.56	333123.56	333173.56	333223.56	333273.56	333323.56	333373.56
6251990.22	2.96408	2.72687	2.53296	2.44869	2.34333	2.25699	2.10048	1.95475	1.99391
6251940.22	2.92661	2.68345	2.48924	2.43820	2.48340	2.36221	2.17213	2.12318	2.12712
6251890.22	3.12318	2.85181	2.66525	2.58597	2.61486	2.45313	2.23765	2.23362	2.22634
6251840.22	3.36720	3.05882	2.89035	2.76215	2.78896	2.57745	2.43298	2.42947	2.32765
6251790.22	3.62633	3.30075	3.12051	3.00075	2.99829	2.68033	2.63278	2.62147	2.44611
6251740.22	3.89059	3.60465	3.39858	3.25838	3.22838	2.94994	2.88069	2.73326	2.60743
6251690.22	4.15434	3.94663	3.72058	3.56406	3.46936	3.27254	3.13849	2.92920	2.61416
6251640.22	4.40454	4.38779	4.09531	3.97317	3.76180	3.65522	3.42476	3.14165	2.71955
6251590.22	4.60172	4.86546	4.60451	4.48449	4.25581	3.97870	3.77176	3.16801	2.87468
6251540.22	4.86233	5.37039	5.31550	5.07193	4.90270	4.50905	3.93905	3.41563	3.10024
6251490.22	5.07283	5.95527	6.22141	5.87361	5.66355	4.99928	4.26359	3.74801	3.45869
6251440.22	5.23172	6.46863	7.53386	7.29391	6.66048	5.48575	4.73846	4.18070	4.11502
6251390.22	5.04673	6.89207	9.43712	9.34138	7.75724	6.37494	5.36365	5.17323	4.96123
6251340.22	4.34983	6.91845	12.74887	12.24309	9.49565	7.61537	6.72222	6.14007	5.54124
6251290.22	3.39526	6.27122	26.13946	24.71296	11.35913	8.51751	7.30034	6.45247	6.18863
6251240.22	2.04823	6.21768	48.92049	26.00974	9.07551	7.57751	8.13183	8.12188	8.20254
6251190.22	17.72253	34.59545	34.83378	6.65012	7.33636	10.14747	11.43611	11.23873	10.80384
6251140.22	30.41850	38.34471	34.80196	23.16295	20.47410	16.21753	15.40588	14.05113	12.77581
6251090.22	25.60089	43.79436	67.21879	47.24929	33.09392	20.02840	17.92799	15.91162	13.85272
6251040.22	13.97009	19.12748	49.75732	54.18724	26.64381	19.94029	17.21820	15.32111	13.83181
6250990.22	6.11028	5.90451	17.09077	24.36611	19.47177	17.13599	15.47585	13.83260	12.32837
6250940.22	5.31595	5.09180	9.03005	14.35507	14.66836	13.72668	13.53510	12.38173	10.93501
6250890.22	4.87320	4.37687	6.77485	10.19607	11.95630	11.53614	11.49262	10.83906	9.72214
6250840.22	4.51339	3.88059	4.83736	7.57481	9.57031	9.57967	9.57639	9.30543	8.51798
6250790.22	4.21643	3.57233	4.03141	5.91237	7.77769	8.15823	8.19613	8.03197	7.64110
6250740.22	3.87130	3.38877	3.58918	4.72589	6.28641	6.86353	6.91908	6.93941	6.73617
6250690.22	3.54333	3.20446	3.29689	4.03958	5.23251	5.82006	6.00765	6.08223	6.06403
6250640.22	3.32899	3.01631	3.06099	3.48259	4.32584	5.05808	5.25128	5.39779	5.41849
6250590.22	3.07308	2.83886	2.84094	3.02931	3.74423	4.41752	4.62472	4.80599	4.91073
6250540.22	2.89810	2.71593	2.67663	2.74508	3.27471	3.81557	4.17676	4.34129	4.41407
6250490.22	2.73204	2.59140	2.56185	2.53501	2.89769	3.35782	3.79263	3.97935	4.06173
6250440.22	2.61399	2.41894	2.40060	2.35580	2.58244	3.01289	3.37706	3.54147	3.69083
6250390.22	2.43725	2.29915	2.27070	2.21206	2.35280	2.70868	2.93164	3.21895	3.32389
6250340.22	2.26166	2.19343	2.14750	2.04709	2.16720	2.45846	2.62728	2.87162	3.02076
6250290.22	2.11699	2.10844	2.02557	1.94330	2.01920	2.22622	2.41701	2.56989	2.73461
6250240.22	1.99223	2.02307	1.94143	1.84446	1.90497	2.00742	2.19753	2.33107	2.39634
6250190.22	1.92953	1.95260	1.86522	1.74804	1.79696	1.85965	2.01662	2.12145	2.14290
6250140.22	1.90536	1.85595	1.78494	1.67611	1.70378	1.74222	1.86099	1.95133	2.06321
6250090.22	1.81156	1.77080	1.70387	1.61098	1.60781	1.63383	1.71456	1.80474	1.89391
6250040.22	1.68678	1.68127	1.62566	1.55070	1.54415	1.55770	1.58886	1.68151	1.77801

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DIESP ***
INCLUDING SOURCE(S): STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 333423.56	333473.56	333523.56	333573.56	333623.56	333673.56	333723.56	333773.56	333823.56
6251990.22	1.98743	1.86877	1.70856	1.70681	1.64538	1.54864	1.51776	1.44151	1.38951
6251940.22	2.02768	1.90411	1.85121	1.72956	1.65130	1.59333	1.53678	1.59646	1.51625
6251890.22	2.11853	1.92945	1.85169	1.76113	1.70593	1.63359	1.63453	1.70397	1.64271
6251840.22	2.19898	2.07245	1.91139	1.83092	1.76202	1.75842	1.80786	1.85349	1.75460
6251790.22	2.24542	2.14902	2.02025	1.86465	1.86198	1.90287	1.98529	1.95948	1.86418
6251740.22	2.30025	2.15087	2.02990	1.98109	2.02562	2.09766	2.04047	2.08882	1.90770
6251690.22	2.36846	2.22900	2.15087	2.16924	2.26015	2.21666	2.18022	2.14693	2.01935
6251640.22	2.52139	2.37721	2.39512	2.40808	2.37995	2.36311	2.40274	2.38036	2.20037
6251590.22	2.68939	2.68003	2.65929	2.59915	2.59937	2.59499	2.63121	2.56941	2.49981
6251540.22	3.01050	2.96910	2.90077	2.90838	2.89958	2.87858	2.97539	2.94811	2.85926
6251490.22	3.45125	3.37398	3.33796	3.34134	3.30230	3.35293	3.33277	3.37089	3.22131
6251440.22	4.02761	3.98242	3.82872	3.82252	3.84794	3.81673	3.73349	3.79098	3.53405
6251390.22	4.78082	4.58779	4.41212	4.25711	4.18688	4.20161	4.18086	4.32895	4.14255
6251340.22	5.29701	5.05611	4.87548	4.80840	4.96312	5.03579	5.03242	5.16143	5.03613
6251290.22	6.13518	6.14937	6.11709	6.04737	6.08281	6.06296	6.06300	6.18130	5.98793
6251240.22	8.14033	7.96998	7.70627	7.42165	7.17875	6.88903	6.71673	6.79755	6.37054
6251190.22	10.20878	9.57268	8.91355	8.30921	7.84441	7.44072	7.14989	6.82266	6.24116
6251140.22	11.45233	10.37256	9.42719	8.57209	7.95851	7.35961	6.91362	6.49123	5.87975
6251090.22	11.93161	10.47500	9.28542	8.40673	7.94676	7.05938	6.57547	6.31478	5.62865
6251040.22	11.93191	10.01881	8.94525	8.41845	7.97732	7.12231	6.52310	6.19865	5.44762
6250990.22	11.06337	9.54608	8.66620	8.09531	7.41383	6.89565	6.48340	5.99726	5.33102
6250940.22	9.85803	8.89662	8.17027	7.54103	6.96567	6.43910	6.12400	5.86856	5.29448
6250890.22	8.78052	8.13450	7.52207	6.87830	6.28648	5.89428	5.66936	5.57889	5.06805
6250840.22	7.84535	7.32208	6.76560	6.32963	5.93480	5.59290	5.31029	5.37211	4.82920
6250790.22	7.02359	6.43109	6.02963	5.80316	5.54326	5.21455	4.96499	5.04668	4.56257
6250740.22	6.30829	5.78069	5.49660	5.22427	5.13569	4.94843	4.75592	4.70692	4.36539
6250690.22	5.61910	5.29936	5.32376	5.09781	4.88698	4.73462	4.57449	4.34573	4.05182
6250640.22	5.17417	4.94433	4.93843	4.74882	4.56802	4.43627	4.24432	4.01167	3.69165
6250590.22	4.61494	4.28525	4.27448	4.43978	4.27575	4.11109	3.98302	3.79718	3.52601
6250540.22	4.28672	3.95786	4.04234	4.10162	4.00120	3.73237	3.65328	3.49026	3.38697
6250490.22	4.11546	3.83533	3.77131	3.72677	3.57844	3.35198	3.27850	3.28365	3.13571
6250440.22	3.72096	3.68426	3.57414	3.47870	3.47471	3.39651	3.21050	3.06522	2.98942
6250390.22	3.37861	3.44476	3.36504	3.22284	3.25489	3.26576	3.11169	2.95933	2.82671
6250340.22	3.12262	3.11645	3.03809	2.93247	2.94901	2.94301	2.93787	2.89640	2.71827
6250290.22	2.77075	2.84984	2.85980	2.75834	2.70669	2.69915	2.74738	2.69266	2.65700
6250240.22	2.49975	2.66924	2.64963	2.60511	2.54240	2.53822	2.56484	2.53806	2.49253
6250190.22	2.28034	2.41804	2.48248	2.45013	2.38832	2.41827	2.39344	2.40849	2.34667
6250140.22	2.11072	2.22190	2.27257	2.25605	2.22488	2.20743	2.21758	2.23697	2.20160
6250090.22	1.87117	2.05114	2.09731	2.12130	2.07427	2.04838	2.06730	2.04999	2.07652
6250040.22	1.76385	1.82855	1.95501	1.98285	1.94418	1.92137	1.93686	1.93876	1.97091

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DIESP ***
INCLUDING SOURCE(S): STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 333873.56	333923.56	333973.56	334023.56	334073.56	334123.56	334173.56	334223.56	334273.56
6251990.22	1.39302	1.39488	1.39747	1.39063	1.40030	1.37376	1.40353	1.43273	1.49459
6251940.22	1.49243	1.49534	1.45432	1.47000	1.43869	1.44999	1.43940	1.48706	1.55448
6251890.22	1.60313	1.55886	1.54153	1.51074	1.50828	1.51242	1.49749	1.56532	1.63310
6251840.22	1.69215	1.63851	1.61977	1.60485	1.57802	1.57029	1.61625	1.71576	1.75344
6251790.22	1.73998	1.74004	1.69262	1.69423	1.70100	1.73096	1.76566	1.83588	1.84735
6251740.22	1.84972	1.83326	1.83072	1.84148	1.85734	1.83913	1.82918	1.83023	1.84966
6251690.22	1.93447	1.96543	1.99418	2.04468	2.04845	2.00080	1.97370	1.96875	1.94352
6251640.22	2.04965	1.84415	2.25132	2.22526	2.26753	2.25433	2.16878	2.15076	2.13505
6251590.22	2.51755	2.48121	2.43543	2.45359	2.53396	2.46412	2.34879	2.30083	2.24885
6251540.22	2.73352	2.53414	2.40428	2.38462	2.68327	2.57079	2.48483	2.43929	2.39494
6251490.22	2.78864	2.83225	2.53677	2.80519	2.84920	2.77511	2.62222	2.66163	2.60269
6251440.22	3.35061	3.30664	3.20179	3.18888	3.19623	3.05691	2.85388	2.94317	2.90234
6251390.22	3.94681	3.70251	3.42467	3.67549	3.63359	3.33937	2.97049	3.28218	3.21164
6251340.22	4.77768	4.43561	4.21648	4.13393	3.99669	3.70695	3.57969	3.48365	3.30922
6251290.22	5.56569	4.83041	4.49670	4.40240	4.25514	4.06847	3.84255	3.61778	3.40110
6251240.22	5.79623	4.97508	4.62560	4.47363	4.26455	4.02515	3.72785	3.48031	3.24975
6251190.22	5.65812	5.00803	4.65733	4.43519	4.11129	3.78424	3.53351	3.34924	3.04082

6251140.22	5.43899	4.92880	4.56031	4.26997	3.97285	3.73240	3.53687	3.30935	3.03843
6251090.22	5.17233	4.76297	4.46308	4.17674	3.92620	3.70619	3.48586	3.28509	3.05022
6251040.22	4.86981	4.64542	4.38432	4.17690	3.94312	3.67642	3.23288	2.91297	2.83723
6250990.22	4.83114	4.54394	4.28236	4.06249	3.75930	3.31342	2.85792	2.72881	2.55691
6250940.22	4.76166	4.41363	4.19093	3.95199	3.65919	3.33626	3.12975	3.01447	2.76750
6250890.22	4.62535	4.34116	4.07938	3.83919	3.62531	3.43606	3.20443	3.04882	2.88438
6250840.22	4.45968	4.18899	3.96449	3.71670	3.48960	3.30782	3.06596	2.99178	2.87114
6250790.22	4.29244	4.02846	3.85649	3.62576	3.39992	3.19662	3.05224	2.91594	2.67983
6250740.22	4.15470	3.84786	3.67127	3.52464	3.28148	3.14726	2.99602	2.64045	2.16199
6250690.22	3.80136	3.64976	3.49439	3.34994	3.19512	3.06849	2.93648	2.74123	2.37148
6250640.22	3.04210	3.28609	3.28670	3.17812	3.05937	2.95312	2.84158	2.70948	2.55033
6250590.22	2.91787	3.10694	3.11846	3.01977	2.90885	2.80502	2.71310	2.60036	2.38729
6250540.22	3.17312	3.05305	2.93473	2.85217	2.74057	2.65459	2.56809	2.37358	2.33320
6250490.22	2.87237	2.86071	2.79173	2.71203	2.59636	2.51839	2.43628	2.15908	2.25966
6250440.22	2.84781	2.74282	2.66172	2.57956	2.47358	2.39591	2.33303	2.15103	2.16917
6250390.22	2.67915	2.60993	2.53226	2.43410	2.36929	2.28061	2.21529	2.14288	2.08972
6250340.22	2.56513	2.50162	2.40620	2.32480	2.24915	2.17780	2.12188	2.08160	2.00874
6250290.22	2.44767	2.36806	2.28715	2.19910	2.13444	2.06959	2.04592	1.92820	1.90337
6250240.22	2.41185	2.25045	2.15930	2.10076	2.03225	1.98100	1.92301	1.91115	1.84229
6250190.22	2.29253	2.12959	2.05905	1.99709	1.94925	1.89458	1.84216	1.78676	1.76447
6250140.22	2.08238	2.00286	1.95205	1.90105	1.88160	1.82008	1.76325	1.70135	1.67069
6250090.22	1.92749	1.87127	1.83771	1.81314	1.78723	1.75827	1.70594	1.65125	1.63897
6250040.22	1.83667	1.76242	1.73739	1.70386	1.68916	1.69981	1.61088	1.63762	1.59632

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DIESP ***
INCLUDING SOURCE(S): STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 334323.56	334373.56	334423.56	334473.56	334523.56	334573.56
6251990.22	1.49404	1.47708	1.45456	1.49791	1.50374	1.48319
6251940.22	1.58020	1.53196	1.52251	1.51835	1.46714	1.50310
6251890.22	1.67134	1.63370	1.57576	1.57518	1.54791	1.55417
6251840.22	1.79323	1.69874	1.69434	1.68944	1.67970	1.63379
6251790.22	1.91177	1.89700	1.87295	1.82220	1.82080	1.76209
6251740.22	1.91657	1.91884	1.92389	1.99029	1.93632	1.92826
6251690.22	1.93715	1.98989	1.97767	1.94651	1.87420	1.83200
6251640.22	2.09994	2.05014	1.98573	1.95901	1.92240	1.88679
6251590.22	2.18924	2.09024	2.08738	2.05584	2.02861	1.96567
6251540.22	2.33405	2.24248	2.21507	2.18185	2.12725	2.10267
6251490.22	2.50790	2.38695	2.43458	2.37303	2.11300	2.26408
6251440.22	2.80414	2.76955	2.69276	2.44143	2.08496	2.28482
6251390.22	3.12508	3.02483	2.81411	2.49490	2.25804	2.10058
6251340.22	3.25364	3.02222	2.76410	2.63426	2.53191	2.21848
6251290.22	3.23241	2.97844	2.74395	2.56294	2.49612	2.17805
6251240.22	3.01842	2.87530	2.68099	2.49085	2.37148	2.10128
6251190.22	2.88564	2.83450	2.63072	2.28235	2.05675	2.17648
6251140.22	2.83369	2.72730	2.61477	2.50785	2.38692	2.29439
6251090.22	2.84887	2.74030	2.60393	2.51743	2.36990	2.29013
6251040.22	2.91691	2.80387	2.64918	2.45587	2.32929	2.26652
6250990.22	2.70142	2.76730	2.62769	2.44295	2.29800	2.27310
6250940.22	2.73250	2.64278	2.46157	2.39792	2.30989	2.23589
6250890.22	2.61439	2.45080	2.48468	2.43219	2.31141	2.20698
6250840.22	2.64584	2.41321	2.48701	2.39711	2.28904	2.19180
6250790.22	2.55197	2.41289	2.42910	2.33772	2.23488	2.13194
6250740.22	2.32296	2.37041	2.39434	2.27876	2.18174	2.08420
6250690.22	2.38064	2.33711	2.34654	2.22836	2.13107	2.04563
6250640.22	2.30226	2.00145	2.27559	2.17519	2.09168	2.00792
6250590.22	2.04781	1.98728	2.22114	2.12632	2.03549	1.95080
6250540.22	2.32605	2.24048	2.15433	2.06390	1.98642	1.90601
6250490.22	2.20679	2.12842	2.06199	1.98723	1.92289	1.85918
6250440.22	2.12002	2.03080	1.96745	1.90092	1.84880	1.78766
6250390.22	1.99123	1.94823	1.88069	1.82126	1.76886	1.72041
6250340.22	1.95675	1.87589	1.83825	1.74727	1.69251	1.64405
6250290.22	1.84716	1.73925	1.76703	1.66612	1.61956	1.57518
6250240.22	1.80608	1.74403	1.67011	1.61173	1.56202	1.51612
6250190.22	1.73874	1.68006	1.60062	1.55167	1.50381	1.46260
6250140.22	1.66995	1.63251	1.55609	1.49003	1.45603	1.41502
6250090.22	1.60054	1.56444	1.50267	1.44276	1.40456	1.36944
6250040.22	1.52382	1.48412	1.43312	1.40678	1.36336	1.32201

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DIESP ***
INCLUDING SOURCE(S): STCK5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
333127.00	6250815.00	6.84453	333032.00	6250831.00	3.81653
333010.00	6250890.00	4.30989	332939.00	6251028.00	13.81908
332953.00	6251077.00	23.03897	332905.00	6251107.00	24.60232
332884.00	6251143.00	18.69949	332987.00	6251153.00	34.46457
332985.00	6251107.00	29.72384	332985.00	6251107.00	40.83980
333288.00	6251156.00	13.97132			

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DIESC ***
INCLUDING SOURCE(S): STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 331623.56	331673.56	331723.56	331773.56	331823.56	331873.56	331923.56	331973.56	332023.56
6251990.22	1.15294	1.17451	1.15750	1.16175	1.19505	1.24594	1.29953	1.35985	1.41520
6251940.22	1.10905	1.19889	1.20897	1.20827	1.24062	1.27999	1.33031	1.38792	1.45880
6251890.22	1.11464	1.18512	1.28452	1.27240	1.30255	1.33925	1.38276	1.44012	1.50807
6251840.22	1.12506	1.18381	1.26547	1.37294	1.37384	1.41567	1.49192	1.58229	1.63411
6251790.22	1.15224	1.20156	1.28690	1.38484	1.48367	1.53591	1.49993	1.50437	1.55466
6251740.22	1.19316	1.24277	1.33141	1.41082	1.45962	1.47719	1.43845	1.46889	1.51852
6251690.22	1.22776	1.27846	1.32706	1.38423	1.42239	1.44083	1.47986	1.51703	1.57251
6251640.22	1.25860	1.31048	1.34001	1.39238	1.43928	1.48228	1.53797	1.58364	1.64424
6251590.22	1.28549	1.35392	1.39929	1.45526	1.49473	1.53452	1.59359	1.66185	1.72472
6251540.22	1.31213	1.38085	1.43704	1.50091	1.54716	1.59571	1.66104	1.73179	1.77314
6251490.22	1.36930	1.38604	1.43278	1.50861	1.58741	1.66904	1.73261	1.79078	1.86460
6251440.22	1.45430	1.41039	1.43805	1.51908	1.61125	1.68149	1.76713	1.86028	1.95627
6251390.22	1.48632	1.47631	1.50690	1.55133	1.62965	1.70157	1.79737	1.89879	2.00760
6251340.22	1.46365	1.51322	1.57191	1.63607	1.71351	1.79487	1.88303	1.99931	2.12019
6251290.22	1.45691	1.52687	1.59809	1.67994	1.76933	1.86486	1.97644	2.13212	2.22506
6251240.22	1.44139	1.52439	1.59675	1.68243	1.78961	1.89064	2.01381	2.16008	2.29381
6251190.22	1.46820	1.56272	1.64758	1.72099	1.80839	1.90513	2.06626	2.22369	2.35880
6251140.22	1.54107	1.65410	1.75851	1.82288	1.90186	2.06048	2.26703	2.36726	2.45153
6251090.22	1.64520	1.78317	1.89070	1.96883	2.08353	2.25446	2.44852	2.54772	2.63604
6251040.22	1.75747	1.88069	2.02934	2.14136	2.25563	2.39445	2.53866	2.65091	2.78695
6250990.22	1.81627	1.93726	2.07778	2.21779	2.33584	2.44731	2.57221	2.72523	2.91646
6250940.22	1.87014	1.98185	2.11721	2.23914	2.37181	2.50514	2.64648	2.74351	2.94584
6250890.22	1.88845	2.00853	2.11443	2.22820	2.36789	2.57349	2.74937	2.91216	3.19885
6250840.22	1.90396	2.05660	2.17354	2.33012	2.49982	2.69409	2.92016	3.15537	3.39060
6250790.22	1.99518	2.17057	2.29968	2.46391	2.64166	2.81306	3.01373	3.17956	3.41391
6250740.22	2.09551	2.23085	2.36136	2.50286	2.65085	2.82461	2.95541	3.07852	3.11602
6250690.22	2.13286	2.24597	2.35547	2.49934	2.55398	2.63988	2.68867	2.71447	2.74456
6250640.22	2.10742	2.19588	2.26090	2.32448	2.35197	2.36931	2.40139	2.46095	2.48778

6250590.22	2.03001	2.11890	2.12043	2.17113	2.20659	2.22558	2.28490	2.33853	2.47226
6250540.22	1.87579	1.95069	2.03173	2.13081	2.16198	2.17003	2.20196	2.27416	2.47814
6250490.22	1.82051	1.91585	2.01729	2.11287	2.19386	2.23989	2.26543	2.31762	2.42705
6250440.22	1.82078	1.90339	2.01454	2.15512	2.21627	2.26024	2.31258	2.33885	2.42424
6250390.22	1.81959	1.91640	2.01998	2.14143	2.13462	2.09776	2.14895	2.25606	2.37045
6250340.22	1.84535	1.92334	1.98619	2.06605	2.06527	2.05843	2.11334	2.23892	2.42298
6250290.22	1.83474	1.88806	1.90279	1.98891	2.03797	2.07764	2.17187	2.29567	2.43951
6250240.22	1.75983	1.82366	1.90277	1.97800	2.00204	2.11773	2.23703	2.36225	2.46884
6250190.22	1.75660	1.85253	1.90382	1.95926	2.05270	2.17005	2.30955	2.37019	2.40749
6250140.22	1.76470	1.84610	1.88327	1.97147	2.09157	2.21402	2.29275	2.32763	2.38345
6250090.22	1.82826	1.84628	1.93721	2.01673	2.09434	2.17182	2.22109	2.25068	2.31586
6250040.22	1.84249	1.88981	1.95676	2.01502	2.06187	2.09957	2.16310	2.19266	2.25046

♀ *** AERMOD - VERSION 15181 *** *** C:\Proj\Star\NOx.isc *** 03/17/17
*** AERMET - VERSION 15181 *** *** NO2 *** 17:07:31
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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DIESC ***
INCLUDING SOURCE(S): STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 332073.56	332123.56	332173.56	332223.56	332273.56	332323.56	332373.56	332423.56	332473.56
6251990.22	1.47480	1.55521	1.61963	1.68630	1.66342	1.69641	1.78972	1.89199	2.04126
6251940.22	1.53744	1.64062	1.72651	1.71993	1.70931	1.70272	1.75697	1.89803	2.12089
6251890.22	1.60444	1.72299	1.80998	1.73880	1.72614	1.70201	1.76195	1.87299	1.99313
6251840.22	1.70889	1.65723	1.68958	1.70925	1.74069	1.76200	1.80535	1.86020	1.92555
6251790.22	1.55468	1.56139	1.62363	1.70728	1.77993	1.83415	1.86490	1.87952	1.94408
6251740.22	1.55794	1.59091	1.67535	1.78859	1.88664	1.94368	1.97876	2.00971	2.04854
6251690.22	1.62488	1.70827	1.84717	1.87458	1.86754	1.96915	2.05906	2.12990	2.16651
6251640.22	1.70890	1.83512	1.91013	1.87076	1.94434	2.02740	2.14698	2.24873	2.32730
6251590.22	1.77736	1.83414	1.90353	1.98082	2.05507	2.13010	2.22710	2.35021	2.45885
6251540.22	1.84891	1.92291	2.00582	2.09121	2.18337	2.27048	2.35166	2.44604	2.56355
6251490.22	1.94257	2.02122	2.11404	2.20598	2.31090	2.41312	2.50930	2.59891	2.69732
6251440.22	2.04867	2.13968	2.25238	2.38546	2.47369	2.55568	2.66570	2.78207	2.89144
6251390.22	2.14278	2.27541	2.40401	2.53289	2.66722	2.76705	2.82821	2.96005	3.10692
6251340.22	2.22871	2.34885	2.48084	2.70456	3.10419	3.41884	3.03850	3.17594	3.33496
6251290.22	2.33126	2.47265	2.60567	2.77585	3.27072	3.55188	3.20492	3.40458	3.60847
6251240.22	2.43445	2.58552	2.72030	2.86951	3.27289	3.53059	3.39709	3.64267	3.86932
6251190.22	2.48950	2.62157	2.78746	2.94131	3.27427	3.39951	3.55872	3.88253	4.16859
6251140.22	2.56123	2.68149	2.83233	3.05979	3.29988	3.42224	3.69982	4.07749	4.49216
6251090.22	2.74098	2.86398	3.05835	3.27609	3.46821	3.69742	4.03773	4.40951	4.97711
6251040.22	2.90435	3.06640	3.31081	3.48247	3.73680	4.00590	4.37985	4.90682	5.89654
6250990.22	3.08825	3.23555	3.46561	3.70342	4.06309	4.50423	5.19468	6.15576	7.48813
6250940.22	3.21193	3.44454	3.76960	4.21017	4.65268	5.23377	6.00834	7.21923	7.80542
6250890.22	3.55774	3.82741	4.13617	4.49122	4.92789	5.35072	5.83572	6.73297	7.12934
6250840.22	3.63778	3.94380	4.19667	4.46926	4.65390	4.87979	5.18800	5.48661	5.65992
6250790.22	3.62898	3.70528	3.81295	3.88021	3.98593	4.11436	4.29420	4.48026	4.58801
6250740.22	3.18795	3.21688	3.27959	3.35505	3.43776	3.49068	3.59222	3.94205	4.08761
6250690.22	2.80067	2.84827	2.92672	2.98254	3.11599	3.30668	3.39854	3.60589	3.85817
6250640.22	2.57514	2.63915	2.77662	2.89067	2.98623	3.08710	3.29536	3.52350	3.66863
6250590.22	2.49756	2.62591	2.65866	2.74398	2.86608	3.04873	3.27012	3.42874	3.62578
6250540.22	2.54818	2.50535	2.55022	2.66932	2.84547	3.03765	3.21012	3.37030	3.54286
6250490.22	2.45630	2.48416	2.57187	2.69255	2.87604	3.00743	3.13008	3.26656	3.45028
6250440.22	2.46099	2.55655	2.62597	2.76520	2.88322	2.97133	3.03349	3.20348	3.27799
6250390.22	2.59449	2.60418	2.68873	2.71127	2.84507	2.93809	3.00341	3.09132	3.12195
6250340.22	2.60092	2.68304	2.63100	2.66090	2.74006	2.86284	2.99584	2.98146	2.89857
6250290.22	2.62687	2.63195	2.57323	2.58356	2.73282	2.82244	2.90768	2.86758	2.73753
6250240.22	2.57472	2.57585	2.53477	2.60570	2.74555	2.84337	2.77267	2.72673	2.74932
6250190.22	2.51166	2.58656	2.65714	2.68114	2.79342	2.72557	2.60673	2.51102	2.54936
6250140.22	2.42488	2.49368	2.60536	2.73199	2.72786	2.57544	2.39189	2.30184	2.35363
6250090.22	2.36612	2.41426	2.54588	2.57806	2.56543	2.39166	2.27753	2.25065	2.30045
6250040.22	2.28831	2.40994	2.45401	2.43151	2.47528	2.25504	2.17617	2.22214	2.23881

♀ *** AERMOD - VERSION 15181 *** *** C:\Proj\Star\NOx.isc *** 03/17/17
*** AERMET - VERSION 15181 *** *** NO2 *** 17:07:31
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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DIESC ***
INCLUDING SOURCE(S): STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 332523.56	332573.56	332623.56	332673.56	332723.56	332773.56	332823.56	332873.56	332923.56
6251990.22	2.02724	2.02201	2.15308	2.31691	2.42255	2.42673	2.37702	2.40499	2.39029
6251940.22	2.11481	2.09213	2.28108	2.40634	2.46206	2.51067	2.46398	2.35280	2.35221
6251890.22	2.02849	2.13562	2.31770	2.45531	2.56635	2.64860	2.62125	2.50122	2.47904
6251840.22	2.00943	2.16334	2.35078	2.49593	2.66754	2.80300	2.80152	2.66217	2.61367
6251790.22	2.05258	2.21524	2.42734	2.57982	2.76805	2.95386	2.99935	2.86889	2.75589
6251740.22	2.15323	2.28949	2.47416	2.64747	2.86594	3.09810	3.21282	3.09343	2.92657
6251690.22	2.24611	2.37337	2.50397	2.69900	2.95780	3.23243	3.42344	3.35265	3.12903
6251640.22	2.36470	2.40412	2.53082	2.75036	3.03879	3.33804	3.61085	3.61112	3.31084
6251590.22	2.54250	2.58371	2.63864	2.81090	3.09491	3.43134	3.76703	3.87337	3.56221
6251540.22	2.69118	2.78582	2.83567	2.90891	3.15277	3.50790	3.90691	4.12226	3.85029
6251490.22	2.82097	2.96490	3.06977	3.12661	3.30687	3.61127	4.01401	4.35195	4.17557
6251440.22	3.00105	3.13560	3.28043	3.49283	3.56735	3.77744	4.18313	4.50218	4.52504
6251390.22	3.24287	3.34453	3.50576	3.65693	3.85758	4.01438	4.51116	5.03425	4.94848
6251340.22	3.47760	3.65695	3.78159	3.93441	4.05983	4.17452	4.80131	5.51407	5.24035
6251290.22	3.89549	4.23256	4.49600	4.45382	4.50184	4.64064	5.53829	5.58263	5.59517
6251240.22	4.23015	4.69653	5.10456	5.41416	5.69411	5.46932	5.85466	5.33528	4.31433
6251190.22	4.62307	5.37293	5.69306	6.19390	6.31834	6.27251	6.33403	5.11029	3.14972
6251140.22	5.10038	6.04161	6.47968	6.99460	7.01876	7.42087	6.66059	5.34532	5.51910
6251090.22	5.80189	6.74542	7.50800	8.57132	9.75947	11.70835	12.11039	14.32439	20.27671
6251040.22	7.19349	8.40906	9.95803	11.83007	13.77541	16.15061	17.91207	23.80445	28.39642
6250990.22	8.69097	9.82218	11.16901	12.69242	14.02357	14.99738	14.71574	20.15108	21.13403
6250940.22	8.60021	9.54233	10.16686	10.50448	10.70144	10.63002	10.79070	11.42882	10.33064
6250890.22	7.40338	7.61726	7.50673	7.67288	8.08884	8.08270	7.84847	6.83474	5.71192
6250840.22	5.75288	5.94610	6.12967	5.97540	6.38277	7.00260	6.84221	6.23008	5.21165
6250790.22	4.84204	5.13039	5.25297	5.55711	6.08959	6.34883	6.34457	5.64352	4.88979
6250740.22	4.29395	4.59360	5.02601	5.52928	5.47787	5.63059	5.36935	5.07943	4.42288
6250690.22	4.01159	4.44564	4.83977	4.98561	5.09325	4.85447	4.73575	4.62712	4.13551
6250640.22	4.00642	4.34635	4.40787	4.48745	4.48830	4.34705	4.42949	4.15761	3.76441
6250590.22	3.85576	4.03310	4.11357	4.11893	3.99783	4.10927	4.04221	3.85043	3.52360
6250540.22	3.73849	3.80187	3.77922	3.73933	3.71889	3.83522	3.64325	3.46864	3.12212
6250490.22	3.51053	3.51655	3.48827	3.40405	3.52397	3.56189	3.43403	3.20449	2.89400
6250440.22	3.30643	3.27132	3.21389	3.24606	3.36080	3.34317	3.25564	3.00710	2.67967
6250390.22	3.04309	3.01371	2.99666	3.09262	3.15030	3.07444	2.96661	2.73962	2.49599
6250340.22	2.85480	2.81872	2.89280	2.98862	2.98172	2.89616	2.75711	2.58166	2.34702
6250290.22	2.66563	2.69913	2.78712	2.86173	2.82799	2.75641	2.67810	2.45370	2.20597
6250240.22	2.57857	2.59984	2.70195	2.72995	2.68274	2.58788	2.51059	2.31079	2.09420
6250190.22	2.51445	2.55304	2.63411	2.63433	2.58468	2.44699	2.30807	2.16049	1.98576
6250140.22	2.43513	2.53026	2.53404	2.53937	2.50074	2.37105	2.19049	2.05579	1.92191
6250090.22	2.39743	2.41293	2.41708	2.40112	2.35404	2.22484	2.08410	1.95320	1.79602
6250040.22	2.37657	2.41360	2.38400	2.31526	2.20492	2.11110	2.02952	1.88810	1.72933

♀ *** AERMOD - VERSION 15181 *** *** C:\Proj\Star\NOx.isc *** 03/17/17
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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DIESC ***
INCLUDING SOURCE(S): STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 332973.56	333023.56	333073.56	333123.56	333173.56	333223.56	333273.56	333323.56	333373.56
6251990.22	2.40837	2.34811	2.31868	2.18700	2.12237	1.97658	1.87200	1.74643	1.77701
6251940.22	2.35589	2.33600	2.29215	2.22821	2.20884	2.06203	1.89427	1.86903	1.88566
6251890.22	2.45893	2.45549	2.41345	2.35957	2.30460	2.14728	1.93433	1.98297	1.99245

6251840.22	2.57311	2.57438	2.55080	2.50553	2.41891	2.20831	2.11962	2.12800	2.04573
6251790.22	2.71579	2.71437	2.69724	2.66360	2.55175	2.30375	2.27175	2.27516	2.12875
6251740.22	2.86736	2.88022	2.85814	2.84984	2.67205	2.50140	2.46223	2.35307	2.23997
6251690.22	3.03421	3.05891	3.07805	3.06301	2.82461	2.69291	2.66264	2.50107	2.31166
6251640.22	3.23661	3.29168	3.35665	3.34949	3.01190	2.95815	2.81614	2.69679	2.37303
6251590.22	3.45317	3.54184	3.68002	3.61467	3.34874	3.22298	3.06037	2.70919	2.45068
6251540.22	3.68125	3.87030	4.09865	3.96930	3.82154	3.58124	3.27268	2.81060	2.57788
6251490.22	3.92795	4.28172	4.68811	4.55262	4.27161	3.96953	3.35095	2.97865	2.77281
6251440.22	4.15183	4.67859	5.41505	5.34849	4.83673	4.18045	3.59922	3.27339	3.10238
6251390.22	4.43746	5.14895	6.24010	6.20039	5.49131	4.62628	4.00398	3.59971	3.60963
6251340.22	4.62345	5.76733	7.89813	7.48324	6.17184	5.20976	4.47214	4.41057	4.29055
6251290.22	4.50564	6.72039	10.34462	9.11196	7.26817	6.04586	5.66023	5.26290	4.92357
6251240.22	3.89751	8.62245	15.89813	11.61944	8.54504	7.30152	6.39427	5.67992	5.36288
6251190.22	2.58283	16.16093	33.68288	15.54796	8.35939	6.88149	6.61872	6.45620	6.54727
6251140.22	13.63072	42.37671	27.74548	6.81951	6.92744	8.14057	8.66634	8.79708	8.65078
6251090.22	37.26782	32.28149	9.21327	9.96558	10.65664	12.03496	12.11654	11.58984	10.72822
6251040.22	36.05449	48.29064	37.40448	26.05076	16.75231	15.75638	14.47327	13.30208	12.26765
6250990.22	27.01415	59.95586	54.77610	38.94977	19.98892	17.11056	15.08652	13.28639	11.67465
6250940.22	7.31644	34.19678	36.92026	27.27150	17.84622	15.25882	14.06558	12.50538	10.88849
6250890.22	4.74938	12.79217	18.36939	17.91756	15.19713	13.81662	12.82431	11.44553	10.02691
6250840.22	4.45077	9.57870	13.84654	12.62638	12.21218	11.66294	11.06748	10.19943	9.14564
6250790.22	4.40847	7.58139	10.48650	10.19621	10.10074	10.15223	9.86236	8.94159	8.20716
6250740.22	4.16898	6.40991	9.04881	9.27023	9.22135	9.20335	8.78001	7.72874	7.29531
6250690.22	3.85059	5.66919	8.19507	8.05741	7.81285	7.76842	7.75422	7.40432	6.94505
6250640.22	3.54534	4.98555	7.19213	7.07098	6.81115	6.78708	6.69856	6.66371	6.08587
6250590.22	3.37705	4.64922	6.12571	6.34994	6.06075	5.88173	5.93276	5.90444	5.43686
6250540.22	3.17859	4.47287	5.65783	5.80295	5.48096	5.28942	5.33012	5.06149	4.80819
6250490.22	2.98049	4.05347	5.08931	5.38874	4.98638	4.84940	4.65175	4.45590	4.46359
6250440.22	2.72966	3.70616	4.64033	4.97760	4.62084	4.37531	3.97697	3.93287	4.09524
6250390.22	2.55092	3.28374	4.22736	4.53813	4.29030	3.96944	4.01487	3.62235	3.81257
6250340.22	2.37872	2.98644	3.90625	4.21721	3.99615	3.67067	3.57350	3.56991	3.46677
6250290.22	2.22657	2.70280	3.48159	3.79627	3.75330	3.41545	3.23197	3.24043	3.03748
6250240.22	2.09634	2.49190	3.15613	3.49128	3.46288	3.25144	3.01503	2.98108	2.71351
6250190.22	1.99503	2.29611	2.80927	3.15617	3.24923	3.03274	2.79305	2.65485	2.47772
6250140.22	1.92848	2.18241	2.59944	2.97591	2.98477	2.84021	2.65818	2.44289	2.38501
6250090.22	1.82887	2.07094	2.40782	2.74370	2.79407	2.64657	2.46139	2.32497	2.17059
6250040.22	1.71208	2.03012	2.34749	2.55563	2.60575	2.46586	2.35811	2.14195	1.93019

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DIESC ***
INCLUDING SOURCE(S): STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	333423.56	333473.56	333523.56	333573.56	333623.56	333673.56	333723.56	333773.56	333823.56
6251990.22	1.79208	1.68704	1.53123	1.54821	1.47783	1.47684	1.41217	1.40388	1.41000
6251940.22	1.84051	1.72553	1.62481	1.56569	1.51677	1.46945	1.38401	1.38113	1.48353
6251890.22	1.88764	1.72057	1.68685	1.61970	1.55459	1.46991	1.41485	1.51359	1.60437
6251840.22	1.94779	1.87655	1.73105	1.64473	1.59884	1.52230	1.52946	1.63171	1.74622
6251790.22	1.96126	1.91597	1.77112	1.69687	1.63274	1.63142	1.68134	1.79283	1.85702
6251740.22	2.00001	1.90443	1.82004	1.71549	1.71502	1.78488	1.83614	1.89669	1.86345
6251690.22	2.10759	1.97520	1.86651	1.83384	1.88889	1.96993	1.95808	2.05114	1.80946
6251640.22	2.17823	2.05323	1.96499	2.00142	2.06923	2.03680	2.05993	2.11005	1.94818
6251590.22	2.28266	2.17087	2.20381	2.24276	2.18297	2.16743	2.19077	2.27906	2.10833
6251540.22	2.44200	2.45495	2.45429	2.37052	2.37133	2.35175	2.37168	2.47041	2.34169
6251490.22	2.76528	2.70228	2.64842	2.62102	2.65193	2.55700	2.62144	2.83802	2.69603
6251440.22	3.10209	2.99274	2.97918	2.94029	2.92546	2.96102	2.98153	3.11334	3.05225
6251390.22	3.52274	3.48580	3.36831	3.37845	3.39872	3.40950	3.36768	3.33427	3.49987
6251340.22	4.13336	4.00631	3.97387	3.82390	3.75325	3.68515	3.62211	3.64326	3.87008
6251290.22	4.71029	4.46512	4.30112	4.16920	4.12085	4.14389	4.15552	4.26975	4.35648
6251240.22	5.15229	5.06322	5.01060	4.95086	4.92654	4.89333	4.91623	5.13739	5.19570
6251190.22	6.50311	6.39331	6.26660	6.14350	6.01867	5.87398	5.79697	6.19072	5.99706
6251140.22	8.30960	7.90818	7.48995	7.09113	6.76398	6.43547	6.18514	6.61080	6.05043
6251090.22	9.80790	8.96865	8.26979	7.66679	7.32148	6.64065	6.21013	6.62280	5.89224
6251040.22	10.84573	9.32493	8.39158	7.89766	7.51129	6.67368	6.15741	6.30653	5.63140
6250990.22	10.41846	8.97542	8.17378	7.61609	6.99125	6.53740	6.20478	6.09459	5.64365
6250940.22	9.66402	8.65191	7.88027	7.20361	6.63657	6.12673	5.83991	5.72526	5.59063
6250890.22	8.90452	8.17517	7.45864	6.74147	6.11375	5.65907	5.41040	5.48361	5.31834
6250840.22	8.25046	7.61034	6.95133	6.39128	5.93704	5.51624	5.17048	5.24625	5.07375
6250790.22	7.45994	6.80856	6.30460	6.00555	5.67315	5.30045	4.97262	5.00761	4.86060
6250740.22	6.71702	6.11080	5.75989	5.48386	5.28725	5.04057	4.84527	4.85733	4.79369
6250690.22	6.01790	5.58079	5.49743	5.27762	5.06686	4.90332	4.72420	4.68110	4.46289
6250640.22	5.50310	5.17667	5.30875	5.14773	4.85960	4.56731	4.38365	4.40792	4.07122
6250590.22	4.95312	4.51972	4.44013	4.55958	4.36786	4.19767	4.12408	4.09451	3.87649
6250540.22	4.59767	4.23860	4.17833	4.16926	4.07093	3.81802	3.71790	3.54755	3.78559
6250490.22	4.38514	4.09325	3.94070	3.82517	3.63997	3.44355	3.37170	3.34811	3.46303
6250440.22	4.16512	3.89076	3.76838	3.60975	3.53893	3.41933	3.27850	3.12115	3.34694
6250390.22	3.86583	3.64699	3.51606	3.37897	3.36035	3.28809	3.12000	2.98428	3.15376
6250340.22	3.43392	3.37290	3.20811	3.07284	3.07406	3.02682	2.94936	2.89586	2.94464
6250290.22	3.01738	3.05170	3.02503	2.89422	2.82420	2.80105	2.81274	2.70884	2.65423
6250240.22	2.76805	2.90065	2.84757	2.75846	2.65886	2.62291	2.63713	2.62018	2.49517
6250190.22	2.51381	2.68816	2.67191	2.60062	2.49615	2.48872	2.44403	2.45956	2.37482
6250140.22	2.35025	2.49128	2.45428	2.40451	2.35381	2.29602	2.28034	2.27215	2.23183
6250090.22	2.12793	2.22291	2.25767	2.22843	2.20261	2.15098	2.13021	2.09090	2.12894
6250040.22	1.97252	2.01501	2.07513	2.06235	2.04662	2.02607	2.00915	1.97852	1.99888

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DIESC ***
INCLUDING SOURCE(S): STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	333873.56	333923.56	333973.56	334023.56	334073.56	334123.56	334173.56	334223.56	334273.56
6251990.22	1.36346	1.31931	1.32500	1.33919	1.33795	1.35172	1.42018	1.43768	1.36233
6251940.22	1.39298	1.39245	1.38678	1.40793	1.43955	1.43489	1.45522	1.46647	1.42893
6251890.22	1.54339	1.48471	1.46535	1.49919	1.47833	1.48321	1.49554	1.55838	1.48759
6251840.22	1.65408	1.55491	1.56791	1.55038	1.52252	1.52650	1.58532	1.60563	1.56957
6251790.22	1.69358	1.64748	1.64624	1.63684	1.60639	1.60142	1.67998	1.72181	1.69643
6251740.22	1.69819	1.76552	1.73590	1.70479	1.73831	1.66690	1.64569	1.67920	1.74713
6251690.22	1.79296	1.77636	1.73929	1.86913	1.89160	1.78613	1.77103	1.76633	1.76575
6251640.22	1.87856	1.71473	1.91834	2.02376	2.12610	2.09199	1.94914	1.90414	1.90094
6251590.22	2.11285	2.12544	2.16044	2.12444	2.35824	2.26742	2.07902	2.06245	2.08434
6251540.22	2.39432	2.31251	2.26451	2.26342	2.48334	2.36064	2.28550	2.25685	2.20094
6251490.22	2.60170	2.64139	2.48280	2.58943	2.59866	2.48375	2.40221	2.35430	2.31917
6251440.22	3.00342	2.93593	2.85100	2.77128	2.75878	2.63515	2.55306	2.52835	2.49428
6251390.22	3.26315	3.14259	3.02212	3.05597	3.00600	2.85579	2.67267	2.75977	2.71360
6251340.22	3.82381	3.56659	3.44887	3.39520	3.32634	3.20080	3.12865	3.08115	2.98487
6251290.22	4.51875	4.07629	3.93059	3.89021	3.80908	3.70488	3.57658	3.43060	3.27094
6251240.22	5.21416	4.64734	4.43112	4.32262	4.18314	4.00708	3.74913	3.53423	3.32652
6251190.22	5.55937	5.00812	4.71683	4.52515	4.22875	3.91068	3.65685	3.45226	3.18565
6251140.22	5.65849	5.10476	4.70989	4.40648	4.10433	3.84378	3.61080	3.37773	3.11568
6251090.22	5.39398	4.95158	4.62354	4.30991	4.03859	3.81358	3.56827	3.33733	3.10198
6251040.22	5.03234	4.77851	4.48782	4.25138	4.01994	3.71865	3.35116	3.08511	2.97323
6250990.22	5.07870	4.75348	4.47499	4.23531	3.90174	3.52879	3.14355	2.98448	2.79399
6250940.22	5.01087	4.63412	4.39338	4.14198	3.81502	3.53649	3.33704	3.18840	2.97371
6250890.22	4.80721	4.49532	4.23105	3.94206	3.71701	3.52199	3.29328	3.12974	2.96363
6250840.22	4.63907	4.34290	4.10768	3.83738	3.59537	3.39763	3.19012	3.06220	2.91480
6250790.22	4.50176	4.17122	3.97706	3.74220	3.49426	3.28753	3.14171	2.98616	2.79761
6250740.22	4.48494	4.06242	3.83164	3.66890	3.38468	3.21398	3.05231	2.81347	2.40582
6250690.22	4.13191	3.91218	3.72354	3.52487	3.33754	3.17072	3.02274	2.83261	2.59426
6250640.22	3.54351	3.64203	3.52291	3.39265	3.22747	3.09046	2.98449	2.80078	2.65452
6250590.22	3.38857	3.45441	3.36599	3.25997	3.09766	2.96692	2.86134	2.69633	2.56237
6250540.22	3.41325	3.27480	3.21421	3.14071	2.99689	2.88304	2.74592	2.59469	2.48809
6250490.22	3.16816	3.08739	3.01292	2.95070	2.84054	2.75779	2.59649	2.44460	2.40474
6250440.22	3.08656	2.95442	2.88472	2.80711	2.68600	2.56551	2.47124	2.37856	2.30621
6250390.22	2.95591	2.87652	2.77645	2.64837	2.55268	2.44851	2.33308	2.26002	2.19838
6250340.22	2.82700	2.78339	2.63010	2.47915	2.39379	2.32063	2.22658	2.16320	2.07870

6250290.22	2.68310	2.61116	2.50239	2.35577	2.29324	2.21809	2.12301	2.08453	1.99022
6250240.22	2.47907	2.47161	2.36565	2.27083	2.19813	2.15219	2.06619	1.96476	1.90614
6250190.22	2.34473	2.35644	2.21573	2.15457	2.12368	2.07549	2.00373	1.87935	1.82009
6250140.22	2.33800	2.21348	2.09963	2.07163	2.08295	1.98226	1.94248	1.85002	1.75799
6250090.22	2.18416	2.09242	2.01098	1.99568	1.99330	1.96621	1.88662	1.72268	1.68537
6250040.22	2.10158	1.98388	1.94424	1.88830	1.88192	1.86233	1.75862	1.68130	1.63336

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DIESC ***
INCLUDING SOURCE(S): STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 334323.56	334373.56	334423.56	334473.56	334523.56	334573.56
6251990.22	1.32820	1.29350	1.27605	1.29337	1.28980	1.28749
6251940.22	1.39055	1.33229	1.30361	1.32094	1.32369	1.34717
6251890.22	1.46714	1.42029	1.39631	1.40538	1.37440	1.34471
6251840.22	1.54759	1.50384	1.48249	1.44930	1.46004	1.44555
6251790.22	1.63649	1.61380	1.60596	1.59568	1.58777	1.53774
6251740.22	1.83727	1.81446	1.77246	1.69696	1.69194	1.64901
6251690.22	1.80225	1.88058	1.86096	1.85119	1.81393	1.80119
6251640.22	1.91583	1.88339	1.87277	1.88872	1.86609	1.83075
6251590.22	2.05755	1.98676	1.94480	1.95150	1.94431	1.88858
6251540.22	2.14195	2.06394	2.02634	1.98936	1.93652	1.93617
6251490.22	2.23841	2.16319	2.15551	2.08759	1.96886	1.98159
6251440.22	2.39714	2.36425	2.30983	2.19330	1.99894	2.10464
6251390.22	2.67804	2.62768	2.51205	2.36858	2.22032	2.10782
6251340.22	2.95325	2.81814	2.66669	2.57263	2.48917	2.28858
6251290.22	3.15390	2.96652	2.79213	2.63564	2.54604	2.31772
6251240.22	3.12355	2.97478	2.78497	2.61517	2.48666	2.27896
6251190.22	3.01064	2.90936	2.71430	2.45064	2.25332	2.27555
6251140.22	2.91875	2.78129	2.64129	2.54764	2.41940	2.30272
6251090.22	2.91944	2.78397	2.63523	2.52082	2.38367	2.28922
6251040.22	2.92508	2.81369	2.65499	2.49357	2.36919	2.27599
6250990.22	2.82784	2.78039	2.63468	2.48254	2.35469	2.26668
6250940.22	2.87781	2.74477	2.58516	2.48147	2.37214	2.27456
6250890.22	2.76582	2.60344	2.54985	2.46055	2.33214	2.22306
6250840.22	2.74092	2.56146	2.51350	2.42077	2.32268	2.19552
6250790.22	2.66709	2.54445	2.46555	2.35833	2.30678	2.16808
6250740.22	2.51981	2.49145	2.49203	2.33136	2.24505	2.12870
6250690.22	2.53704	2.44464	2.35225	2.27146	2.17657	2.06349
6250640.22	2.48369	2.23652	2.30388	2.23137	2.12978	2.03008
6250590.22	2.29859	2.23180	2.26524	2.21343	2.10155	2.00566
6250540.22	2.39662	2.30001	2.19844	2.12863	2.04265	1.96588
6250490.22	2.32371	2.26071	2.15298	2.07043	1.98275	1.91458
6250440.22	2.21861	2.16341	2.07907	2.01038	1.94468	1.88020
6250390.22	2.13800	2.04768	1.99255	1.92334	1.88488	1.85447
6250340.22	2.03080	1.98343	1.90909	1.84518	1.79708	1.75499
6250290.22	1.90878	1.89194	1.82655	1.76223	1.73631	1.70051
6250240.22	1.85570	1.79140	1.72661	1.68824	1.67326	1.64467
6250190.22	1.78496	1.72076	1.66988	1.61739	1.58376	1.56119
6250140.22	1.70686	1.66662	1.60443	1.58497	1.52001	1.48663
6250090.22	1.64321	1.59559	1.54042	1.51941	1.47003	1.43679
6250040.22	1.57278	1.53008	1.48814	1.44150	1.41047	1.39086

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DIESC ***
INCLUDING SOURCE(S): STCK4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
333127.00	6250815.00	11.26175	333032.00	6250831.00	10.20603
333010.00	6250890.00	10.13879	332939.00	6251028.00	27.55075
332953.00	6251077.00	32.85240	332905.00	6251107.00	12.29039
332884.00	6251143.00	4.85776	332987.00	6251153.00	11.08389
332985.00	6251107.00	34.57604	332985.00	6251107.00	71.31285
333288.00	6251156.00	7.93530			

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NGDP ***
INCLUDING SOURCE(S): STCK1 , STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 331623.56	331673.56	331723.56	331773.56	331823.56	331873.56	331923.56	331973.56	332023.56
6251990.22	1.14263	1.16765	1.20011	1.25486	1.29946	1.33649	1.37413	1.42601	1.49362
6251940.22	1.21780	1.21861	1.23475	1.28822	1.34218	1.38991	1.43715	1.48334	1.53608
6251890.22	1.28476	1.28868	1.28200	1.32012	1.37294	1.42888	1.48293	1.53254	1.58106
6251840.22	1.31259	1.36801	1.37429	1.37779	1.41588	1.47222	1.53196	1.60075	1.65642
6251790.22	1.33009	1.39939	1.44421	1.45579	1.49085	1.54106	1.63323	1.73101	1.79195
6251740.22	1.37266	1.43097	1.49740	1.52652	1.58323	1.66184	1.66583	1.68387	1.74221
6251690.22	1.41339	1.47352	1.53135	1.60541	1.64453	1.66329	1.71504	1.73799	1.79932
6251640.22	1.41776	1.49226	1.53489	1.59739	1.64661	1.69175	1.75941	1.81280	1.88688
6251590.22	1.39222	1.49093	1.55981	1.64368	1.69684	1.75122	1.82025	1.90018	1.97727
6251540.22	1.42035	1.49004	1.54775	1.63239	1.69641	1.76761	1.86539	1.97004	2.01566
6251490.22	1.55112	1.54054	1.54693	1.62306	1.70623	1.79523	1.88342	1.96068	2.06853
6251440.22	1.58129	1.60600	1.61293	1.69512	1.78806	1.84749	1.92418	1.99629	2.10996
6251390.22	1.65662	1.63628	1.66188	1.74590	1.83017	1.90466	2.00534	2.10572	2.21701
6251340.22	1.54053	1.59234	1.66080	1.73896	1.83463	1.93961	2.05036	2.20342	2.35468
6251290.22	1.51314	1.57299	1.63293	1.73569	1.83338	1.94000	2.06397	2.25704	2.36344
6251240.22	1.58175	1.66590	1.73211	1.81164	1.91764	2.01398	2.13775	2.29066	2.42575
6251190.22	1.67646	1.79118	1.89673	1.97673	2.07309	2.18136	2.34293	2.52751	2.67244
6251140.22	1.77475	1.91624	2.04131	2.10815	2.19282	2.39405	2.61961	2.77942	2.87015
6251090.22	1.88370	2.05526	2.18076	2.26840	2.40561	2.61571	2.76938	2.94689	3.04721
6251040.22	1.98501	2.12938	2.31249	2.44076	2.57072	2.72204	2.88102	2.99392	3.13886
6250990.22	2.03463	2.16922	2.32500	2.46798	2.56301	2.67052	2.79094	2.94702	3.19029
6250940.22	2.01361	2.12744	2.26689	2.38925	2.58133	2.73829	2.93538	3.09816	3.41019
6250890.22	2.04313	2.18086	2.32915	2.49534	2.67767	2.91574	3.10533	3.28425	3.52421
6250840.22	2.12612	2.31241	2.46128	2.61259	2.75911	2.93693	3.09985	3.29562	3.44584
6250790.22	2.22821	2.37711	2.48103	2.59409	2.75880	2.88728	2.97147	3.05280	3.10295
6250740.22	2.21767	2.31394	2.45369	2.51889	2.61309	2.65673	2.66835	2.70181	2.74705
6250690.22	2.17562	2.23363	2.32312	2.31778	2.32319	2.37502	2.43985	2.50111	2.59400
6250640.22	2.04851	2.05636	2.09037	2.15566	2.22891	2.28806	2.35487	2.44414	2.48943
6250590.22	1.90943	2.08567	2.14288	2.21333	2.25895	2.28725	2.33093	2.46994	2.61974
6250540.22	1.92606	2.04956	2.11933	2.15642	2.26014	2.30478	2.30860	2.34874	2.52101
6250490.22	1.93395	2.05080	2.10316	2.14115	2.21740	2.28207	2.34147	2.38373	2.41743
6250440.22	1.95978	2.07311	2.08548	2.06806	2.08195	2.08713	2.16974	2.26049	2.35582
6250390.22	1.98046	2.03115	2.03202	1.99531	1.97792	2.02984	2.10590	2.24229	2.41231
6250340.22	1.94672	2.00003	1.96309	1.96079	1.97944	2.04346	2.16741	2.31274	2.46637
6250290.22	1.88874	1.87584	1.90961	1.93918	1.98649	2.10921	2.23786	2.36789	2.46893
6250240.22	1.83751	1.84055	1.89891	1.96089	2.05067	2.17397	2.29544	2.36111	2.39621
6250190.22	1.79788	1.83121	1.88865	1.99991	2.10282	2.20273	2.27485	2.29412	2.35401
6250140.22	1.80622	1.84250	1.93296	2.02135	2.11560	2.18383	2.20931	2.25452	2.28859
6250090.22	1.82774	1.88878	1.96325	2.02011	2.08577	2.11339	2.15589	2.18102	2.22710
6250040.22	1.89706	1.88731	1.95264	2.00687	2.03811	2.06189	2.09060	2.13624	2.15601

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NGDP ***
INCLUDING SOURCE(S): STCK1 , STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 332073.56	332123.56	332173.56	332223.56	332273.56	332323.56	332373.56	332423.56	332473.56
6251990.22	1.54637	1.61391	1.67729	1.73243	1.78321	1.81942	1.84837	1.93417	2.04010
6251940.22	1.58765	1.65212	1.74147	1.83088	1.89504	1.95148	1.99045	2.00925	2.08550
6251890.22	1.62917	1.70590	1.79112	1.92783	2.03507	2.09326	2.15245	2.16197	2.20816
6251840.22	1.71493	1.81092	1.93179	1.93843	2.00474	2.07375	2.20717	2.24410	2.22656
6251790.22	1.83335	1.78997	1.83073	1.88943	1.97378	2.07377	2.17173	2.24701	2.27562
6251740.22	1.79111	1.82459	1.93063	2.05767	2.12839	2.17323	2.23764	2.33860	2.45808
6251690.22	1.85244	1.97771	2.19848	2.20370	2.11744	2.17331	2.27143	2.38596	2.50608
6251640.22	1.96102	2.14296	2.24388	2.14313	2.23275	2.31695	2.39607	2.49349	2.60950
6251590.22	2.03733	2.08850	2.16728	2.25544	2.35929	2.46365	2.56244	2.64795	2.73803
6251540.22	2.10162	2.19150	2.28533	2.38347	2.49413	2.60589	2.72175	2.83484	2.93774
6251490.22	2.18479	2.30243	2.41548	2.52649	2.64716	2.76423	2.87878	3.01302	3.15514
6251440.22	2.23458	2.36581	2.53089	2.73079	2.85180	2.94156	3.07385	3.22030	3.36406
6251390.22	2.36315	2.50620	2.66236	2.81352	3.01147	3.16327	3.24656	3.43892	3.62100
6251340.22	2.50954	2.62836	2.76624	3.04440	3.32748	3.49493	3.43233	3.62196	3.83997
6251290.22	2.49316	2.67769	2.84716	3.07762	3.44504	3.64558	3.61200	3.85531	4.12205
6251240.22	2.56549	2.75289	2.89860	3.06764	3.58683	3.81044	3.74924	4.07283	4.40158
6251190.22	2.80244	2.92842	3.11761	3.27317	3.67601	3.82099	3.97241	4.38783	4.76011
6251140.22	3.00285	3.13439	3.32089	3.57499	3.88774	4.03057	4.36259	4.86495	5.39290
6251090.22	3.16196	3.29280	3.53426	3.80110	4.01813	4.31479	4.84646	5.43963	6.46331
6251040.22	3.25253	3.41927	3.75385	4.01950	4.39871	4.90590	5.54136	6.38715	7.50898
6250990.22	3.42388	3.67536	4.08057	4.44150	4.87760	5.35883	5.97926	6.76216	7.29018
6250940.22	3.68770	3.95310	4.28617	4.63893	4.97798	5.31453	5.76847	6.10951	6.35216
6250890.22	3.81252	4.02011	4.25894	4.41579	4.54077	4.67322	4.89466	5.07408	5.23047
6250840.22	3.56141	3.65671	3.74698	3.79320	3.86123	3.96801	4.22178	4.33496	4.55201
6250790.22	3.14953	3.19983	3.27847	3.33732	3.38411	3.52773	3.83980	4.08241	4.33922
6250740.22	2.81960	2.88857	2.94104	3.06351	3.23320	3.40305	3.54427	3.89716	4.10281
6250690.22	2.63889	2.73263	2.89503	3.01827	3.09156	3.21829	3.44548	3.70464	3.88311
6250640.22	2.61420	2.74395	2.77764	2.87840	2.97873	3.20892	3.42803	3.61465	3.78486
6250590.22	2.53498	2.59306	2.68670	2.80794	3.01136	3.20815	3.38591	3.52689	3.69850
6250540.22	2.56247	2.52935	2.68305	2.83989	3.03681	3.18016	3.29616	3.41944	3.65496
6250490.22	2.52111	2.73217	2.76467	2.91584	3.01330	3.09050	3.21126	3.38484	3.52807
6250440.22	2.54536	2.76655	2.89721	2.87747	2.99990	3.08299	3.17547	3.29340	3.34664
6250390.22	2.56553	2.83571	2.82010	2.83757	2.96033	3.11123	3.12696	3.15063	3.11894
6250340.22	2.61244	2.75875	2.77612	2.75453	2.90302	3.00890	3.13497	3.02434	2.89071
6250290.22	2.52933	2.67149	2.67324	2.73403	2.88070	2.97668	2.99249	2.91531	2.75471
6250240.22	2.46728	2.59075	2.71341	2.76538	2.91095	2.90163	2.84598	2.77906	2.76694
6250190.22	2.40703	2.49252	2.56436	2.69048	2.71333	2.70949	2.66221	2.57630	2.64343
6250140.22	2.34949	2.39020	2.51703	2.55874	2.52820	2.56890	2.44011	2.35634	2.42780
6250090.22	2.26547	2.36627	2.42236	2.39956	2.42675	2.44724	2.33574	2.33078	2.36349
6250040.22	2.24376	2.30819	2.29527	2.28753	2.26083	2.32830	2.27968	2.30299	2.32868

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NGDP ***
INCLUDING SOURCE(S): STCK1 , STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 332523.56	332573.56	332623.56	332673.56	332723.56	332773.56	332823.56	332873.56	332923.56
6251990.22	2.27798	2.24339	2.40280	2.55942	2.67866	2.70549	2.85853	3.25484	3.26812
6251940.22	2.26017	2.31016	2.60832	2.72335	2.61041	2.68387	2.82382	3.03157	3.16122
6251890.22	2.27056	2.33115	2.58148	2.73190	2.72477	2.81820	2.91567	3.14062	3.30398
6251840.22	2.21411	2.33662	2.54709	2.70026	2.84482	2.95910	3.03208	3.26873	3.48612
6251790.22	2.31782	2.42661	2.63287	2.76205	2.95476	3.10870	3.18311	3.40012	3.63246
6251740.22	2.54424	2.58702	2.69113	2.77889	3.03043	3.26122	3.36651	3.51045	3.81402
6251690.22	2.70185	2.79604	2.75623	2.80160	3.07861	3.37525	3.56173	3.66119	4.01168
6251640.22	2.73201	2.82902	2.86980	2.92764	3.12533	3.45763	3.73505	3.83667	4.19370
6251590.22	2.86837	2.99671	3.10969	3.16455	3.24123	3.51649	3.86455	4.08414	4.35952
6251540.22	3.03284	3.16720	3.30998	3.43303	3.49076	3.61454	3.96534	4.28362	4.46628
6251490.22	3.27218	3.38429	3.52621	3.67080	3.95108	3.98743	4.11538	4.42069	4.63599
6251440.22	3.52137	3.68516	3.83202	4.18917	4.35181	4.56132	4.63938	4.46875	4.83906
6251390.22	3.81301	4.00872	4.23201	4.39767	4.71970	5.02308	5.38083	5.37374	5.18760
6251340.22	4.09649	4.38897	4.60778	4.86644	5.00387	5.13082	5.82376	5.76791	5.38945
6251290.22	4.60186	5.16829	5.69204	5.71566	5.85066	6.25371	6.80935	6.53006	5.23982
6251240.22	4.95917	5.68426	6.23256	6.77296	7.28788	7.63753	7.91174	7.03854	4.51926
6251190.22	5.41527	6.15241	6.77812	7.45630	8.18064	8.96159	10.07522	11.21407	10.98235
6251140.22	6.19571	6.97018	8.02655	9.44265	11.26892	13.18735	15.64353	18.29890	23.56660
6251090.22	7.49448	8.66845	10.18171	11.60562	13.45558	15.40816	16.83580	18.12602	25.71180
6251040.22	8.34127	9.23104	10.33491	11.50146	12.34501	12.89565	12.67509	13.27891	16.66632
6250990.22	7.88365	8.43201	8.87092	9.00850	9.23920	9.62833	9.83772	9.53652	8.68881
6250940.22	6.56968	6.69579	6.83510	7.25790	7.39401	7.66294	7.86965	7.66575	7.36791
6250890.22	5.31612	5.61345	5.95350	6.09025	6.54151	7.15829	7.23283	7.12014	6.50574
6250840.22	4.79808	5.13597	5.43067	5.86469	6.45867	6.49283	6.69469	6.46293	6.34660
6250790.22	4.66777	4.88016	5.32551	5.81971	5.90431	6.09666	6.03540	6.16514	6.14534
6250740.22	4.28020	4.82167	5.28736	5.37764	5.58927	5.65415	5.67212	5.95376	5.48897
6250690.22	4.16283	4.53025	4.80118	5.08081	5.22433	5.12815	5.39738	5.33616	4.81767
6250640.22	4.06976	4.36752	4.44159	4.58435	4.59401	4.67687	4.84444	4.67492	4.35093
6250590.22	3.93437	4.03599	4.13244	4.19786	4.11727	4.31123	4.27556	4.31142	4.04771
6250540.22	3.75928	3.83780	3.81800	3.75226	3.88979	3.98787	3.84975	3.83161	3.70025
6250490.22	3.58213	3.52724	3.47660	3.45616	3.59669	3.66229	3.65549	3.56239	3.38340
6250440.22	3.29649	3.26345	3.22936	3.32105	3.42375	3.48442	3.52041	3.36620	3.12230
6250390.22	3.07030	3.01890	3.06950	3.15001	3.19816	3.22728	3.20440	3.03520	2.84624
6250340.22	2.85473	2.86654	2.92463	3.04824	3.07337	3.07811	2.98263	2.84519	2.65101
6250290.22	2.69843	2.77023	2.85211	2.91541	2.96073	2.95540	2.93752	2.71680	2.47591
6250240.22	2.67055	2.64710	2.77211	2.84227	2.86009	2.78349	2.74393	2.58994	2.34665
6250190.22	2.60417	2.61209	2.69779	2.80636	2.80247	2.62659	2.48926	2.39238	2.20406
6250140.22	2.51909	2.62730	2.65278	2.70550	2.73531	2.57875	2.36608	2.28816	2.14989
6250090.22	2.49014	2.51718	2.57310	2.59380	2.54157	2.40123	2.24949	2.14198	1.97166
6250040.22	2.48295	2.53956	2.57458	2.51188	2.37023	2.29714	2.23859	2.10433	1.88524

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NGDP ***
INCLUDING SOURCE(S): STCK1 , STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 332973.56	333023.56	333073.56	333123.56	333173.56	333223.56	333273.56	333323.56	333373.56
6251990.22	3.08690	2.84604	2.65377	2.56439	2.45471	2.36728	2.20809	2.06072	2.09802
6251940.22	3.05281	2.80450	2.61145	2.55696	2.60214	2.47876	2.28759	2.23460	2.23670
6251890.22	3.25663	2.98129	2.79564	2.71238	2.74044	2.57665	2.36071	2.35133	2.34210
6251840.22	3.51105	3.19584	3.02872	2.89654	2.92252	2.70912	2.56229	2.55438	2.45096
6251790.22	3.78069	3.44623	3.26789	3.14495	3.14020	2.82070	2.76970	2.75522	2.57711
6251740.22	4.05741	3.75937	3.55542	3.41195	3.37959	3.10056	3.02631	2.87533	2.74542
6251690.22	4.33472	4.11330	3.88758	3.72833	3.63175	3.43305	3.29372	3.08119	2.76018
6251640.22	4.60096	4.56758	4.27445	4.15017	3.93518	3.82528	3.59075	3.30285	2.87593
6251590.22	4.81681	5.05865	4.79493	4.67383	4.44175	4.15999	3.94909	3.34056	3.04379
6251540.22	5.09535	5.57947	5.51910	5.27563	5.10317	4.70106	4.12803	3.60020	3.28085
6251490.22	5.32823	6.18536	6.43908	6.09483	5.88000	5.20735	4.46601	3.94276	3.65028
6251440.22	5.51530	6.72004	7.76765	7.53273	6.89361	5.71197	4.95819	4.39166	4.32401
6251390.22	5.35781	7.17155	9.69193	9.60440	8.01112	6.62076	5.59949	5.40565	5.18477
6251340.22	4.69466	7.23378	13.03111	12.53957	9.78001	7.88682	6.97956	6.39822	5.77182
6251290.22	3.78503	6.63059	26.45528	25.04512	11.67493	8.81926	7.59717	6.72627	6.42080
6251240.22	2.48927	6.64123	49.27929	26.38297	9.42871	7.92018	8.46968	8.40854	8.43499
6251190.22	18.22384	35.09629	35.24875	7.07454	7.74099	10.55115	11.79966	11.53147	11.03666
6251140.22	30.99451	38.92353	35.29046	23.65294	20.96073	16.68313	15.78673	14.33256	13.00367
6251090.22	26.46554	44.46794	67.78835	47.83166	33.70281	20.54177	18.28339	16.17696	14.09702
6251040.22	14.61396	19.90877	50.42621	54.96030	27.36013	20.41344	17.54623	15.64223	14.17690

6250990.22	6.58460	7.17515	18.12649	25.49832	20.19890	17.63979	15.96218	14.33076	12.81217
6250940.22	6.49539	7.38651	13.14778	16.83795	15.65130	14.47950	14.27692	13.04706	11.51303
6250890.22	6.53245	7.80467	10.00498	12.80728	13.74688	12.48600	12.30860	11.52974	10.31118
6250840.22	5.81152	5.34029	7.91692	10.62119	10.56689	10.21798	10.20731	9.90155	9.05924
6250790.22	5.35772	4.86718	5.58205	7.03877	8.76437	8.97665	8.78628	8.50842	8.06574
6250740.22	4.64754	4.10610	4.51316	5.17031	6.84786	7.62717	7.60902	7.44995	7.13355
6250690.22	4.14752	3.88427	3.89827	4.41563	5.55600	6.33773	6.61833	6.62312	6.51915
6250640.22	3.88534	3.59744	3.57430	3.84481	4.55153	5.39390	5.70615	5.85421	5.83239
6250590.22	3.57841	3.31970	3.26937	3.35815	3.96061	4.64915	4.94748	5.16826	5.26586
6250540.22	3.32599	3.14052	3.06061	3.04925	3.48335	3.99279	4.40746	4.61148	4.71035
6250490.22	3.09221	2.96423	2.90972	2.81741	3.09831	3.50908	3.95725	4.18902	4.30756
6250440.22	2.91999	2.73083	2.70988	2.62277	2.77718	3.15644	3.51332	3.70432	3.89212
6250390.22	2.70443	2.57024	2.54958	2.46082	2.55184	2.86096	3.05802	3.35357	3.48920
6250340.22	2.50081	2.43627	2.39145	2.26984	2.36112	2.61638	2.75649	2.99291	3.15633
6250290.22	2.33118	2.32599	2.24572	2.14758	2.19922	2.37291	2.54015	2.67808	2.85208
6250240.22	2.18891	2.22287	2.14429	2.03559	2.07383	2.14325	2.30863	2.43073	2.50051
6250190.22	2.11330	2.13789	2.05095	1.92527	1.95873	1.99204	2.12593	2.21476	2.23718
6250140.22	2.08017	2.03083	1.95857	1.84460	1.85980	1.87087	1.96519	2.04110	2.15104
6250090.22	1.97456	1.93626	1.86746	1.76969	1.75587	1.75792	1.81619	1.89268	1.97646
6250040.22	1.83800	1.83967	1.78400	1.70267	1.68342	1.67807	1.68959	1.76702	1.85643

♀ *** AERMOD - VERSION 15181 *** *** C:\Proj\Star\NOx.isc *** 03/17/17
*** AERMET - VERSION 15181 *** *** NO2 *** 17:07:31
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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NGDP ***
INCLUDING SOURCE(S): STCK1 , STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	333423.56	333473.56	333523.56	333573.56	333623.56	333673.56	333723.56	333773.56	333823.56
6251990.22	2.08808	1.96633	1.80683	1.80153	1.73625	1.63681	1.60210	1.52639	1.47163
6251940.22	2.13416	2.00856	1.95382	1.82845	1.74702	1.68492	1.62525	1.68213	1.59855
6251890.22	2.23017	2.04182	1.95957	1.86511	1.80687	1.72927	1.72628	1.79031	1.72337
6251840.22	2.31752	2.19222	2.02570	1.94083	1.86747	1.86106	1.90123	1.93910	1.83362
6251790.22	2.37261	2.27614	2.14143	1.98065	1.97349	2.00747	2.07773	2.04291	1.94282
6251740.22	2.43667	2.28221	2.15665	2.10253	2.14231	2.20175	2.12920	2.17063	1.99506
6251690.22	2.51337	2.36778	2.28425	2.29788	2.37773	2.31745	2.26824	2.23447	2.11179
6251640.22	2.67443	2.52381	2.53732	2.53885	2.49497	2.45957	2.49299	2.47157	2.30611
6251590.22	2.85181	2.83680	2.80721	2.72890	2.70870	2.69283	2.72829	2.67193	2.61937
6251540.22	3.18385	3.13736	3.05008	3.03338	3.00791	2.98277	3.08324	3.06300	2.97822
6251490.22	3.63802	3.54501	3.48282	3.46268	3.41599	3.47111	3.45288	3.49282	3.33927
6251440.22	4.22425	4.15106	3.96750	3.94871	3.97774	3.94873	3.85877	3.91088	3.66094
6251390.22	4.97652	4.74974	4.55423	4.40035	4.32958	4.33680	4.30580	4.44930	4.27446
6251340.22	5.48991	5.21823	5.03539	4.96342	5.10828	5.17062	5.16383	5.29374	5.17604
6251290.22	6.32809	6.32783	6.28562	6.20305	6.22936	6.20739	6.21136	6.33397	6.14121
6251240.22	8.34175	8.15476	7.87661	7.58492	7.34232	7.05715	6.88679	6.96591	6.53002
6251190.22	10.41163	9.76031	9.09505	8.49693	8.03696	7.63065	7.33004	7.00064	6.41855
6251140.22	11.66336	10.58346	9.64664	8.79173	8.16998	7.56105	7.10633	6.69464	6.10005
6251090.22	12.18794	10.73898	9.54553	8.65592	8.18793	7.28916	6.79894	6.55448	5.89833
6251040.22	12.27853	10.34842	9.25622	8.71465	8.26273	7.39740	6.78805	6.46769	5.74227
6250990.22	11.51402	9.95401	9.04462	8.45393	7.74983	7.21158	6.78132	6.28685	5.64858
6250940.22	10.37368	9.35982	8.59002	7.92199	7.31364	6.75896	6.42254	6.15340	5.59477
6250890.22	9.28730	8.58583	7.92617	7.24313	6.61695	6.19795	5.95224	5.85108	5.35790
6250840.22	8.31940	7.74217	7.13888	6.66664	6.24183	5.87946	5.57608	5.62785	5.11438
6250790.22	7.42799	6.80841	6.37488	6.11919	5.83227	5.48022	5.21221	5.27651	4.83404
6250740.22	6.65071	6.08978	5.79374	5.51363	5.41383	5.20734	4.99751	4.93762	4.60360
6250690.22	5.97508	5.59684	5.59550	5.35122	5.13088	4.97458	4.80746	4.57240	4.29325
6250640.22	5.53330	5.26390	5.22622	5.00682	4.80094	4.64946	4.44817	4.21790	3.91394
6250590.22	4.94219	4.57746	4.54916	4.70046	4.50857	4.32113	4.17880	3.98387	3.73781
6250540.22	4.57850	4.22979	4.29718	4.34751	4.23439	3.94371	3.84895	3.66722	3.56460
6250490.22	4.38011	4.08459	4.00967	3.95338	3.79144	3.55297	3.46875	3.46486	3.33280
6250440.22	3.94998	3.91553	3.79814	3.69286	3.68009	3.59214	3.39368	3.23870	3.16898
6250390.22	3.57410	3.65049	3.57083	3.42316	3.45179	3.45390	3.28860	3.12623	2.99936
6250340.22	3.28367	3.29571	3.22482	3.11659	3.13012	3.11873	3.10550	3.05881	2.87900
6250290.22	2.90468	3.00459	3.02802	2.92924	2.87446	2.86196	2.90775	2.84548	2.80370
6250240.22	2.61500	2.79599	2.79774	2.76135	2.69915	2.69119	2.71638	2.68620	2.63243
6250190.22	2.38376	2.53233	2.61145	2.59040	2.53334	2.56270	2.53483	2.54888	2.48130
6250140.22	2.20456	2.32458	2.38496	2.37917	2.35590	2.34161	2.34979	2.36713	2.32802
6250090.22	1.95681	2.14413	2.19680	2.22952	2.19150	2.17093	2.19246	2.17154	2.19634
6250040.22	1.84342	1.91350	2.04599	2.07845	2.04745	2.03288	2.05266	2.05390	2.08566

♀ *** AERMOD - VERSION 15181 *** *** C:\Proj\Star\NOx.isc *** 03/17/17
*** AERMET - VERSION 15181 *** *** NO2 *** 17:07:31
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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NGDP ***
INCLUDING SOURCE(S): STCK1 , STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	333873.56	333923.56	333973.56	334023.56	334073.56	334123.56	334173.56	334223.56	334273.56
6251990.22	1.47040	1.47200	1.46597	1.45970	1.46827	1.43855	1.46314	1.48833	1.54853
6251940.22	1.57444	1.56979	1.52500	1.54194	1.50673	1.51596	1.50254	1.54638	1.61144
6251890.22	1.68107	1.63534	1.61706	1.58583	1.58091	1.58265	1.56491	1.62857	1.69323
6251840.22	1.76969	1.72099	1.69989	1.68301	1.65662	1.64770	1.68723	1.78104	1.81527
6251790.22	1.82479	1.82770	1.77643	1.77771	1.78426	1.81160	1.83867	1.90289	1.91022
6251740.22	1.93690	1.92355	1.92078	1.93060	1.94358	1.92340	1.90564	1.90863	1.92223
6251690.22	2.02065	2.05335	2.08621	2.13807	2.13535	2.08575	2.04803	2.04163	2.01780
6251640.22	2.14237	1.91781	2.34573	2.32226	2.35249	2.33757	2.25390	2.23180	2.21622
6251590.22	2.62305	2.58104	2.52945	2.54816	2.62029	2.55472	2.43471	2.38623	2.33750
6251540.22	2.84045	2.63164	2.49457	2.47505	2.78279	2.67805	2.57852	2.53311	2.48780
6251490.22	2.89316	2.93673	2.63396	2.90973	2.96586	2.87984	2.72122	2.76038	2.70124
6251440.22	3.46703	3.42378	3.31901	3.30613	3.32297	3.16782	2.95827	3.04730	3.00271
6251390.22	4.08392	3.83399	3.55274	3.80499	3.76056	3.45383	3.07573	3.38626	3.31182
6251340.22	4.93453	4.58321	4.35645	4.26693	4.12209	3.82507	3.69170	3.59160	3.41297
6251290.22	5.72442	4.98427	4.64113	4.53977	4.38602	4.19520	3.96517	3.73749	3.51795
6251240.22	5.96244	5.13553	4.77736	4.62061	4.40928	4.16883	3.86581	3.61435	3.37873
6251190.22	5.84955	5.18440	4.82841	4.60636	4.27708	3.94285	3.68589	3.49669	3.17889
6251140.22	5.66279	5.13937	4.76281	4.46534	4.15925	3.90960	3.70609	3.46829	3.18480
6251090.22	5.42501	4.99946	4.68739	4.38813	4.12569	3.89531	3.66117	3.44895	3.19929
6251040.22	5.12977	4.89181	4.61646	4.39764	4.15133	3.86460	3.39613	3.06065	2.97841
6250990.22	5.10460	4.79634	4.51913	4.28498	3.95861	3.48759	3.00963	2.87216	2.68958
6250940.22	5.04166	4.66440	4.42641	4.17141	3.85480	3.51315	3.29450	3.17108	2.91084
6250890.22	4.89519	4.58865	4.30831	4.04818	3.81980	3.61845	3.36975	3.20409	3.02992
6250840.22	4.71475	4.42137	4.18325	3.91595	3.67342	3.47806	3.22171	3.14179	3.01341
6250790.22	4.53496	4.24514	4.06444	3.81656	3.57114	3.35414	3.20049	3.05551	2.80831
6250740.22	4.38194	4.05718	3.86318	3.70813	3.44305	3.29921	3.13826	2.76918	2.26668
6250690.22	4.02283	3.85262	3.68271	3.52471	3.35868	3.22138	3.08131	2.87197	2.48989
6250640.22	3.23476	3.47821	3.46884	3.34988	3.22082	3.10746	2.99086	2.84377	2.67294
6250590.22	3.10008	3.28908	3.29331	3.18927	3.06561	2.95311	2.85737	2.72952	2.50809
6250540.22	3.34910	3.21873	3.10343	3.02347	2.89972	2.80710	2.70807	2.49895	2.45196
6250490.22	3.04539	3.02164	2.94956	2.87135	2.74800	2.66188	2.56539	2.28004	2.37523
6250440.22	3.03881	2.91575	2.82719	2.73067	2.62004	2.52687	2.45270	2.26752	2.28082
6250390.22	2.85610	2.77591	2.68868	2.59012	2.51287	2.41580	2.33394	2.25630	2.19549
6250340.22	2.72919	2.65178	2.55524	2.46819	2.38961	2.30884	2.23889	2.18997	2.11221
6250290.22	2.60185	2.51356	2.42943	2.33722	2.26826	2.20049	2.16095	2.03570	2.00885
6250240.22	2.54683	2.39092	2.29819	2.23878	2.16530	2.10179	2.04288	2.01612	1.94436
6250190.22	2.42227	2.26507	2.19923	2.13071	2.07064	2.00793	1.95265	1.89145	1.86189
6250140.22	2.21144	2.13480	2.08658	2.02587	1.99375	1.93082	1.86701	1.80600	1.76879
6250090.22	2.05577	2.00103	1.96502	1.93062	1.89470	1.85988	1.80529	1.74943	1.72836
6250040.22	1.95427	1.88318	1.85548	1.81737	1.79467	1.79598	1.71095	1.72717	1.68237

♀ *** AERMOD - VERSION 15181 *** *** C:\Proj\Star\NOx.isc *** 03/17/17
*** AERMET - VERSION 15181 *** *** NO2 *** 17:07:31
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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NGDP ***
INCLUDING SOURCE(S): STCK1 , STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 334323.56	334373.56	334423.56	334473.56	334523.56	334573.56
6251990.22	1.54660	1.52823	1.50424	1.54692	1.55127	1.52981
6251940.22	1.63548	1.58435	1.57300	1.56737	1.51509	1.55101
6251890.22	1.72917	1.68754	1.62743	1.62614	1.59779	1.60367
6251840.22	1.85127	1.75410	1.74841	1.74296	1.73280	1.68594
6251790.22	1.97192	1.95606	1.93134	1.87943	1.87751	1.81704
6251740.22	1.98306	1.98419	1.98734	2.05144	1.99656	1.98661
6251690.22	2.01818	2.06423	2.04952	2.01620	1.94416	1.89943
6251640.22	2.18648	2.13003	2.06333	2.03948	1.99929	1.96049
6251590.22	2.27634	2.16807	2.16443	2.13990	2.10626	2.04153
6251540.22	2.42470	2.32492	2.29605	2.26087	2.20442	2.18248
6251490.22	2.59744	2.47139	2.52093	2.45416	2.18729	2.33954
6251440.22	2.89654	2.85961	2.78000	2.52231	2.15801	2.36159
6251390.22	3.22315	3.12036	2.90352	2.58022	2.33869	2.17740
6251340.22	3.35717	3.12170	2.85998	2.72800	2.62344	2.30448
6251290.22	3.34746	3.08785	2.84891	2.66419	2.59516	2.27025
6251240.22	3.14210	2.99551	2.79543	2.59985	2.47608	2.19810
6251190.22	3.01784	2.96333	2.75160	2.39190	2.15721	2.27815
6251140.22	2.97043	2.85707	2.73773	2.62496	2.49741	2.39990
6251090.22	2.98742	2.87151	2.72701	2.63576	2.47973	2.39559
6251040.22	3.05698	2.93985	2.77553	2.57155	2.43795	2.37110
6250990.22	2.83656	2.90319	2.75486	2.55931	2.40690	2.37975
6250940.22	2.87014	2.77370	2.58320	2.51410	2.42060	2.34482
6250890.22	2.74690	2.57490	2.60652	2.55256	2.42320	2.31188
6250840.22	2.77484	2.53269	2.60502	2.51418	2.40311	2.29574
6250790.22	2.67311	2.52701	2.54121	2.44789	2.34938	2.23431
6250740.22	2.43587	2.48085	2.50159	2.39047	2.29095	2.18330
6250690.22	2.49488	2.44596	2.45162	2.33632	2.23358	2.13994
6250640.22	2.41632	2.10192	2.37898	2.28125	2.19151	2.10127
6250590.22	2.15437	2.08941	2.32492	2.23564	2.13645	2.04703
6250540.22	2.43892	2.34786	2.25825	2.16710	2.08502	2.00008
6250490.22	2.32153	2.24161	2.16717	2.08994	2.01874	1.95188
6250440.22	2.22784	2.14206	2.07091	2.00013	1.94563	1.88181
6250390.22	2.09375	2.04951	1.98070	1.91772	1.86580	1.80985
6250340.22	2.05498	1.97011	1.92940	1.83986	1.78490	1.73494
6250290.22	1.94656	1.83151	1.85532	1.75622	1.71106	1.66169
6250240.22	1.90188	1.83611	1.76129	1.70210	1.64946	1.59843
6250190.22	1.83064	1.76995	1.69103	1.64002	1.59198	1.54541
6250140.22	1.75799	1.71752	1.64156	1.58019	1.53898	1.49873
6250090.22	1.68529	1.64571	1.58540	1.53038	1.48671	1.45148
6250040.22	1.60813	1.56538	1.51483	1.48524	1.44096	1.40074

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NGDP ***
INCLUDING SOURCE(S): STCK1 , STCK5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
333127.00	6250815.00	8.93724	333032.00	6250831.00	5.46921
333010.00	6250890.00	7.31838	332939.00	6251028.00	14.21153
332953.00	6251077.00	23.69014	332905.00	6251107.00	24.98178
332884.00	6251143.00	19.05146	332987.00	6251153.00	35.03669
332985.00	6251107.00	30.56522	332985.00	6251107.00	41.82595
333288.00	6251156.00	14.32477			

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NGDC ***
INCLUDING SOURCE(S): STCK1 , STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 331623.56	331673.56	331723.56	331773.56	331823.56	331873.56	331923.56	331973.56	332023.56
6251990.22	1.19682	1.22101	1.20840	1.21900	1.25336	1.30798	1.36414	1.42764	1.48551
6251940.22	1.15202	1.24439	1.25955	1.26571	1.30081	1.34331	1.39622	1.45694	1.53125
6251890.22	1.15798	1.23041	1.33372	1.32702	1.36112	1.40127	1.44744	1.50695	1.57786
6251840.22	1.16881	1.22935	1.31320	1.42456	1.43009	1.47521	1.55226	1.64377	1.69925
6251790.22	1.19631	1.24745	1.33529	1.43582	1.53752	1.59230	1.55686	1.56349	1.61728
6251740.22	1.23747	1.28902	1.38031	1.46238	1.51309	1.53198	1.49402	1.52703	1.57996
6251690.22	1.27265	1.32504	1.37542	1.43494	1.47516	1.49552	1.53648	1.57577	1.63418
6251640.22	1.30457	1.35776	1.38863	1.44294	1.49189	1.53746	1.59579	1.64393	1.70704
6251590.22	1.33227	1.40246	1.44972	1.50691	1.54813	1.58992	1.65193	1.72331	1.78941
6251540.22	1.35972	1.43037	1.48860	1.55437	1.60265	1.65244	1.72004	1.79379	1.83843
6251490.22	1.41780	1.43606	1.48487	1.56322	1.64453	1.72849	1.79436	1.85421	1.93085
6251440.22	1.50518	1.46159	1.49059	1.57432	1.66957	1.74283	1.83162	1.92778	2.02579
6251390.22	1.53761	1.52804	1.56078	1.60760	1.68898	1.76346	1.86327	1.96819	2.08159
6251340.22	1.51385	1.56572	1.62717	1.69424	1.77370	1.85823	1.94985	2.07043	2.19605
6251290.22	1.50660	1.57878	1.65252	1.73770	1.83062	1.93031	2.04593	2.20624	2.30188
6251240.22	1.49093	1.57607	1.65117	1.73970	1.85004	1.95446	2.08233	2.23386	2.37362
6251190.22	1.51920	1.61578	1.70305	1.77858	1.86851	1.96891	2.13441	2.29607	2.43604
6251140.22	1.59326	1.70905	1.81622	1.88300	1.96469	2.12698	2.33769	2.44097	2.52776
6251090.22	1.69986	1.84090	1.95113	2.03145	2.14951	2.32484	2.52289	2.62505	2.71657
6251040.22	1.81610	1.94226	2.09440	2.20929	2.32706	2.46947	2.61779	2.73385	2.87431
6250990.22	1.88022	2.00454	2.14880	2.29252	2.41390	2.52874	2.65723	2.81443	3.01085
6250940.22	1.93806	2.05354	2.19281	2.31907	2.45645	2.59409	2.73999	2.84084	3.05001
6250890.22	1.95841	2.08236	2.19240	2.31019	2.45465	2.66566	2.84638	3.01464	3.30790
6250840.22	1.97606	2.13314	2.25411	2.41503	2.58944	2.78930	3.02088	3.26261	3.50521
6250790.22	2.00955	2.24962	2.38233	2.55175	2.73507	2.91176	3.11821	3.29157	3.53424
6250740.22	2.17193	2.31164	2.44693	2.59351	2.74749	2.92844	3.06622	3.19769	3.24405
6250690.22	2.21313	2.33099	2.44620	2.59554	2.65656	2.74923	2.80453	2.83721	2.87407
6250640.22	2.19096	2.28462	2.35461	2.42332	2.45704	2.47975	2.51648	2.58154	2.61324
6250590.22	2.11493	2.21090	2.21698	2.27186	2.31084	2.33265	2.39573	2.45365	2.59365
6250540.22	1.96088	2.03993	2.12534	2.22890	2.26196	2.27219	2.30657	2.38346	2.59632
6250490.22	1.90299	2.00188	2.10768	2.20809	2.29310	2.34283	2.37216	2.43018	2.54835
6250440.22	1.90136	1.98868	2.10470	2.25196	2.32036	2.36998	2.42689	2.45722	2.54863
6250390.22	1.90074	2.00205	2.11084	2.23954	2.24127	2.21384	2.26896	2.38061	2.50239
6250340.22	1.92791	2.01015	2.07790	2.16427	2.17101	2.17442	2.23787	2.36984	2.56417
6250290.22	1.91871	1.97634	1.99571	2.08847	2.14569	2.19418	2.29986	2.43411	2.58907
6250240.22	1.84438	1.91399	1.99897	2.08163	2.11534	2.23937	2.36776	2.50345	2.61959
6250190.22	1.84347	1.94589	2.00576	2.06872	2.16903	2.29300	2.43988	2.51069	2.55895
6250140.22	1.85426	1.94430	1.98931	2.08526	2.20923	2.33751	2.42366	2.46817	2.53244
6250090.22	1.91914	1.94639	2.04272	2.12949	2.21710	2.30012	2.35484	2.39247	2.46154
6250040.22	1.93144	1.99034	2.06441	2.12951	2.18718	2.23028	2.29541	2.32943	2.39153

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NGDC ***
INCLUDING SOURCE(S): STCK1 , STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 332073.56	332123.56	332173.56	332223.56	332273.56	332323.56	332373.56	332423.56	332473.56
6251990.22	1.54568	1.62488	1.68978	1.75846	1.73915	1.77651	1.87551	1.98424	2.13947
6251940.22	1.60859	1.71089	1.79796	1.79244	1.78484	1.78341	1.84290	1.99126	2.22320
6251890.22	1.67526	1.79380	1.88267	1.81187	1.80190	1.78165	1.84821	1.96614	2.09406
6251840.22	1.77719	1.72620	1.76083	1.78292	1.81740	1.84219	1.89224	1.95368	2.02545
6251790.22	1.61999	1.62950	1.69526	1.78243	1.85866	1.91636	1.95185	1.97312	2.04465
6251740.22	1.62313	1.65982	1.74891	1.86679	1.96890	2.02961	2.06855	2.10462	2.15157

6251690.22	1.69031	1.77853	1.92333	1.95514	1.95160	2.05749	2.15196	2.22750	2.27081
6251640.22	1.77487	1.90619	1.98650	1.95112	2.03053	2.11902	2.24352	2.35062	2.43427
6251590.22	1.84469	1.90484	1.97841	2.06174	2.14220	2.22394	2.32754	2.45615	2.57070
6251540.22	1.91762	1.99541	2.08183	2.17182	2.27058	2.36515	2.45452	2.55625	2.67998
6251490.22	2.01212	2.09516	2.19225	2.28824	2.39805	2.50750	2.61239	2.71146	2.81866
6251440.22	2.12111	2.21499	2.33204	2.47025	2.56373	2.65068	2.76775	2.89438	3.01490
6251390.22	2.22022	2.35591	2.48751	2.62003	2.75933	2.86496	2.93169	3.07085	3.22925
6251340.22	2.30996	2.43462	2.57095	2.79954	3.20702	3.52671	3.14465	3.28984	3.45666
6251290.22	2.41388	2.56163	2.70126	2.87657	3.38271	3.67516	3.32016	3.52259	3.73304
6251240.22	2.51933	2.67688	2.81696	2.97325	3.39117	3.65658	3.52268	3.77634	4.00709
6251190.22	2.57234	2.71135	2.88566	3.04596	3.39082	3.52622	3.69573	4.03082	4.32450
6251140.22	2.64240	2.76859	2.92540	3.16122	3.41108	3.54386	3.83301	4.22723	4.66232
6251090.22	2.82564	2.95392	3.15289	3.37628	3.57559	3.81303	4.16333	4.54909	5.13485
6251040.22	2.99546	3.16337	3.41426	3.59161	3.85300	4.12845	4.50995	5.04598	6.05088
6250990.22	3.18762	3.34064	3.57726	3.82280	4.19068	4.64066	5.34189	6.31813	7.67051
6250940.22	3.32274	3.56107	3.89366	4.34240	4.79348	5.38497	6.17252	7.40979	8.02232
6250890.22	3.67560	3.95163	4.26894	4.63444	5.08204	5.51681	6.02044	6.95275	7.37619
6250840.22	3.76042	4.07556	4.33813	4.62233	4.81999	5.06008	5.39184	5.71891	5.91877
6250790.22	3.75820	3.84534	3.96501	4.04363	4.16385	4.30493	4.50504	4.71521	4.83717
6250740.22	3.32581	3.36361	3.43533	3.52055	3.61263	3.67550	3.78677	4.15319	4.30873
6250690.22	2.93704	2.99205	3.07691	3.14025	3.28129	3.47977	3.58122	3.79954	4.06339
6250640.22	2.70554	2.77506	2.91821	3.03927	3.14180	3.25122	3.47107	3.71223	3.87212
6250590.22	2.62097	2.75470	2.79494	2.88886	3.02041	3.21324	3.44657	3.62341	3.84575
6250540.22	2.67422	2.63496	2.68736	2.81461	3.00072	3.20712	3.39809	3.58524	3.79957
6250490.22	2.58329	2.61683	2.71112	2.84205	3.03990	3.18823	3.34071	3.51208	3.73380
6250440.22	2.59814	2.69451	2.77298	2.92442	3.06068	3.17521	3.26412	3.45959	3.55230
6250390.22	2.73420	2.75006	2.84287	2.88195	3.03889	3.15554	3.23648	3.33641	3.36867
6250340.22	2.74916	2.83509	2.79496	2.84035	2.93793	3.07644	3.21928	3.20302	3.11682
6250290.22	2.78231	2.79002	2.74206	2.76453	2.92906	3.02195	3.11034	3.06921	2.93863
6250240.22	2.73170	2.73713	2.70624	2.78363	2.92973	3.02797	2.95683	2.91464	2.94431
6250190.22	2.66981	2.75219	2.82789	2.85277	2.96502	2.89581	2.77733	2.68296	2.72620
6250140.22	2.58255	2.65585	2.76793	2.89566	2.88932	2.73386	2.54922	2.46087	2.50880
6250090.22	2.51660	2.56913	2.70142	2.73372	2.71506	2.53844	2.42559	2.39670	2.44041
6250040.22	2.43228	2.55568	2.60141	2.57910	2.61682	2.39501	2.31406	2.35437	2.37050

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NGDC ***
INCLUDING SOURCE(S): STCK1 , STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	332523.56	332573.56	332623.56	332673.56	332723.56	332773.56	332823.56	332873.56	332923.56
6251990.22	2.12675	2.12111	2.25619	2.42446	2.53325	2.54432	2.50201	2.53644	2.51614
6251940.22	2.21963	2.19717	2.39062	2.51896	2.57603	2.63198	2.59389	2.48778	2.48262
6251890.22	2.13367	2.24540	2.43216	2.57369	2.68641	2.77628	2.75770	2.64632	2.61823
6251840.22	2.11651	2.27687	2.47081	2.61926	2.79415	2.93614	2.94560	2.81778	2.76464
6251790.22	2.16167	2.33274	2.55346	2.70958	2.90250	3.09282	3.14994	3.03381	2.91901
6251740.22	2.26516	2.41155	2.60481	2.78388	3.00769	3.24372	3.37109	3.26656	3.10503
6251690.22	2.35980	2.49824	2.63863	2.84174	3.10833	3.38702	3.58900	3.53551	3.32335
6251640.22	2.47979	2.52905	2.66700	2.89776	3.19664	3.50296	3.78419	3.80386	3.52062
6251590.22	2.66077	2.71099	2.77812	2.96319	3.25938	3.60630	3.94806	4.07481	3.78755
6251540.22	2.81475	2.91703	2.97704	3.06597	3.32324	3.69211	4.09928	4.33472	4.08888
6251490.22	2.94965	3.10117	3.21592	3.28545	3.48490	3.80511	4.22198	4.57412	4.42907
6251440.22	3.13509	3.27845	3.43212	3.65791	3.75074	3.98296	4.40787	4.73832	4.79373
6251390.22	3.37873	3.49293	3.66532	3.82697	4.04308	4.22703	4.75623	5.30052	5.24131
6251340.22	3.61142	3.80679	3.94568	4.11097	4.25031	4.38756	5.06029	5.81401	5.56081
6251290.22	4.03057	4.38090	4.66353	4.63704	4.70031	4.86138	5.81843	5.91518	5.96239
6251240.22	4.37124	4.84856	5.26983	5.60072	5.90701	5.70526	6.13901	5.67350	4.69657
6251190.22	4.78915	5.54775	5.86599	6.37984	6.52613	6.51352	6.61919	5.46210	3.55850
6251140.22	5.28752	6.25143	6.69421	7.21126	7.23261	7.65591	6.93910	5.67683	5.95135
6251090.22	5.98605	6.96323	7.76027	8.84832	10.04099	11.98827	12.38903	14.63793	20.76107
6251040.22	7.36811	8.60760	10.18798	12.09821	14.10178	16.52691	18.30020	24.18315	28.77530
6250990.22	8.89644	10.04252	11.40082	12.95092	14.31641	15.35040	15.13230	20.63460	21.64098
6250940.22	8.84150	9.79852	10.44454	10.81901	11.07448	11.05728	11.26903	12.00557	11.07987
6250890.22	7.67935	7.91952	7.83625	8.05007	8.54151	8.61192	8.43637	7.47361	6.41396
6250840.22	6.04420	6.26897	6.47478	6.34967	6.81042	7.49821	7.39582	6.88497	6.10385
6250790.22	5.10960	5.42468	5.57020	5.90214	6.47243	6.79068	6.92856	6.45651	6.02971
6250740.22	4.53087	4.85463	5.31129	5.84715	5.86239	6.15645	6.09204	6.00304	5.33830
6250690.22	4.23391	4.69120	5.12498	5.35463	5.57630	5.46172	5.46049	5.33738	4.73136
6250640.22	4.23618	4.62148	4.74987	4.91944	5.00294	4.91601	4.97981	4.62503	4.24118
6250590.22	4.11985	4.35466	4.50106	4.55624	4.45161	4.55383	4.42655	4.22969	3.97162
6250540.22	4.04502	4.14893	4.14934	4.11368	4.09271	4.16980	3.95224	3.81747	3.53184
6250490.22	3.82002	3.83562	3.80806	3.72049	3.82184	3.83641	3.72121	3.53890	3.26290
6250440.22	3.58580	3.55008	3.49293	3.51601	3.60777	3.58737	3.54001	3.32562	2.99919
6250390.22	3.28863	3.26203	3.24337	3.32075	3.36632	3.31261	3.23876	3.02370	2.76947
6250340.22	3.07654	3.04384	3.10509	3.18851	3.19004	3.13429	3.01411	2.83608	2.58996
6250290.22	2.86914	2.89799	2.97344	3.04769	3.03908	2.99280	2.91691	2.68115	2.42502
6250240.22	2.76592	2.77306	2.87403	2.92001	2.89556	2.80869	2.72975	2.52056	2.29590
6250190.22	2.67988	2.71212	2.80466	2.82846	2.79488	2.65150	2.50439	2.35137	2.17313
6250140.22	2.58568	2.68539	2.70828	2.73248	2.69898	2.56104	2.37248	2.23316	2.09663
6250090.22	2.54144	2.57016	2.59143	2.58395	2.53542	2.39867	2.25175	2.11815	1.95759
6250040.22	2.51891	2.57592	2.55717	2.48585	2.37130	2.27399	2.18959	2.04556	1.88103

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NGDC ***
INCLUDING SOURCE(S): STCK1 , STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	332973.56	333023.56	333073.56	333123.56	333173.56	333223.56	333273.56	333323.56	333373.56
6251990.22	2.53119	2.46728	2.43949	2.30270	2.23374	2.08686	1.97961	1.85240	1.88112
6251940.22	2.48209	2.45705	2.41437	2.34697	2.32758	2.17858	2.00973	1.98045	1.99523
6251890.22	2.59238	2.58498	2.54384	2.48598	2.43018	2.27080	2.05740	2.10069	2.10820
6251840.22	2.71695	2.71140	2.68917	2.63992	2.55247	2.33998	2.24894	2.25291	2.16904
6251790.22	2.87015	2.85985	2.84463	2.80780	2.69366	2.44412	2.40868	2.40890	2.25975
6251740.22	3.03418	3.03494	3.01498	3.00341	2.82326	2.65202	2.60785	2.49513	2.37797
6251690.22	3.21459	3.22558	3.24505	3.22728	2.98699	2.85342	2.81787	2.65307	2.45769
6251640.22	3.43303	3.47147	3.53580	3.52648	3.18528	3.12820	2.98214	2.85799	2.52941
6251590.22	3.66826	3.73503	3.87044	3.80400	3.53469	3.40426	3.23770	2.88174	2.61978
6251540.22	3.91427	4.07938	4.30224	4.17301	4.02201	3.77325	3.46166	2.99517	2.75848
6251490.22	4.18334	4.51180	4.90578	4.77384	4.48806	4.17761	3.55337	3.17340	2.96440
6251440.22	4.43541	4.93000	5.64884	5.58731	5.06986	4.40667	3.81895	3.48435	3.31136
6251390.22	4.74855	5.42843	6.49490	6.46341	5.74520	4.87210	4.23981	3.83214	3.83316
6251340.22	4.96827	6.08266	8.18036	7.77972	6.45620	5.48121	4.72948	4.66872	4.52113
6251290.22	4.89541	7.07976	10.66044	9.44412	7.58397	6.34761	5.95706	5.53670	5.15574
6251240.22	4.33855	9.04599	16.25693	11.99268	8.89823	7.64419	6.73212	5.96658	5.59533
6251190.22	3.08415	16.66178	34.09785	15.97237	8.76402	7.28517	6.98228	6.74894	6.78009
6251140.22	14.20672	42.95552	28.23398	7.30951	7.41407	8.60618	9.04719	9.07851	8.87863
6251090.22	38.13247	32.95506	9.78283	10.54795	11.26552	12.54833	12.47194	11.85518	10.97251
6251040.22	36.69837	49.07193	38.07336	26.82382	17.46863	16.22953	14.80131	13.62320	12.61273
6250990.22	27.48848	61.22650	55.81182	40.08198	20.71606	17.61435	15.57286	13.78455	12.15845
6250940.22	8.49587	36.58149	41.03799	29.75438	18.82916	16.01164	14.80739	13.17071	11.46652
6250890.22	6.40863	16.21997	21.59952	20.52877	16.98771	14.76648	13.64029	12.13621	10.61595
6250840.22	5.74890	11.03841	16.92610	15.67276	13.20876	12.30125	11.69840	10.79555	9.68690
6250790.22	5.54976	8.87624	12.03714	11.32262	11.08742	10.97066	10.45251	9.41804	8.63181
6250740.22	4.94523	7.12724	9.97280	9.71465	9.78280	9.96698	9.46995	8.23929	7.69270
6250690.22	4.45478	6.34900	8.79645	8.43346	8.13633	8.28608	8.36491	7.94520	7.40017
6250640.22	4.10170	5.56668	7.70545	7.43320	7.03684	7.12291	7.15343	7.12013	6.49978
6250590.22	3.88238	5.13005	6.55414	6.67877	6.27713	6.11336	6.25552	6.26671	5.79199
6250540.22	3.60648	4.89747	6.04181	6.10712	5.68959	5.46665	5.56082	5.33168	5.10447
6250490.22	3.34065	4.42630	5.43717	5.67114	5.18701	5.00066	4.81637	4.66557	4.70942
6250440.22	3.03566	4.01806	4.94961	5.24457	4.81558	4.51886	4.11322	4.09571	4.29654
6250390.22	2.81811	3.55483	4.50623	4.78689	4.48934	4.12173	4.14126	3.75697	3.97788
6250340.22	2.61786	3.22928	4.15020	4.43996	4.19007	3.82860	3.70270	3.69120	3.60235
6250290.22	2.44076	2.92035	3.70174	4.00055	3.93332	3.56214	3.35510	3.34862	3.15495
6250240.22	2.29301	2.69170	3.35900	3.68240	3.63174	3.38728	3.12613	3.08074	2.81768
6250190.22	2.17880	2.48140	2.99499	3.33341	3.41101	3.16514	2.90236	2.74816	2.57200

6250140.22	2.10329	2.35729	2.77307	3.14440	3.14079	2.96886	2.76238	2.53267	2.47284
6250090.22	1.99188	2.23641	2.57141	2.90240	2.94213	2.77066	2.56301	2.41292	2.25314
6250040.22	1.86330	2.18853	2.50583	2.70760	2.74502	2.58622	2.45885	2.22746	2.00860

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NGDC ***
INCLUDING SOURCE(S): STCK1 , STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 333423.56	333473.56	333523.56	333573.56	333623.56	333673.56	333723.56	333773.56	333823.56
6251990.22	1.89273	1.78460	1.62950	1.64293	1.56870	1.56501	1.49651	1.48876	1.49213
6251940.22	1.94699	1.82998	1.72743	1.66458	1.61249	1.56104	1.47248	1.46681	1.56584
6251890.22	1.99929	1.83294	1.79473	1.72368	1.65554	1.56559	1.50660	1.59993	1.68503
6251840.22	2.06633	1.99631	1.84537	1.75464	1.70429	1.62494	1.62282	1.71732	1.82525
6251790.22	2.08845	2.04309	1.89231	1.81287	1.74425	1.73602	1.77378	1.87626	1.93567
6251740.22	2.21642	2.03576	1.94680	1.83692	1.83171	1.88897	1.92487	1.97850	1.95081
6251690.22	2.25250	2.11398	1.99989	1.96248	2.00647	2.07071	2.04610	2.13869	1.90190
6251640.22	2.33127	2.19983	2.10719	2.13218	2.18425	2.13325	2.15018	2.20125	2.05391
6251590.22	2.44508	2.32765	2.35173	2.37250	2.29229	2.26527	2.28785	2.38159	2.22790
6251540.22	2.61535	2.62320	2.60360	2.49552	2.47966	2.45594	2.47954	2.58530	2.46065
6251490.22	2.95204	2.87330	2.79328	2.74236	2.76563	2.67518	2.74155	2.95995	2.81398
6251440.22	3.29872	3.16138	3.11796	3.06647	3.05526	3.09303	3.10680	3.23325	3.17914
6251390.22	3.71843	3.64775	3.51042	3.52169	3.54142	3.54469	3.49262	3.45462	3.63178
6251340.22	4.32625	4.16843	4.13379	3.97892	3.89842	3.81998	3.75352	3.77558	4.00998
6251290.22	4.90319	4.64358	4.46965	4.32489	4.26740	4.28832	4.30389	4.42243	4.50976
6251240.22	5.35371	5.24799	5.18095	5.11413	5.09011	5.06145	5.08628	5.30575	5.35518
6251190.22	6.70596	6.58094	6.44809	6.33122	6.21122	6.06391	5.97712	6.36869	6.17446
6251140.22	8.52063	8.11908	7.70940	7.31076	6.97545	6.63691	6.37784	6.81421	6.27073
6251090.22	10.06424	9.23263	8.52991	7.91598	7.56264	6.87042	6.43359	6.86250	6.16192
6251040.22	11.19235	9.65454	8.70255	8.19385	7.79671	6.94877	6.42236	6.57558	5.92605
6250990.22	10.86912	9.38336	8.55219	7.97471	7.32725	6.85333	6.50270	6.38417	5.96121
6250940.22	10.17967	9.11511	8.30002	7.58456	6.98455	6.44659	6.13845	6.01010	5.89092
6250890.22	9.41131	8.62650	7.86274	7.10630	6.44422	5.96275	5.69327	5.75579	5.60819
6250840.22	8.72451	8.03044	7.32462	6.72829	6.24408	5.80279	5.43627	5.50199	5.35893
6250790.22	7.86434	7.18588	6.64985	6.32157	5.96216	5.56612	5.21984	5.24344	5.13208
6250740.22	7.05945	6.41989	6.05703	5.77322	5.56540	5.29948	5.08686	5.08804	5.03190
6250690.22	6.37388	5.87827	5.76917	5.53103	5.31076	5.14328	4.95718	4.90778	4.70431
6250640.22	5.86223	5.49623	5.59654	5.40573	5.09252	4.78050	4.58750	4.61415	4.29351
6250590.22	5.28036	4.81192	4.71480	4.82026	4.60067	4.40771	4.31986	4.28120	4.08829
6250540.22	4.88945	4.51053	4.43317	4.41515	4.30412	4.02936	3.91357	3.72451	3.96322
6250490.22	4.64980	4.34251	4.17907	4.05177	3.85297	3.64454	3.56195	3.52932	3.66012
6250440.22	4.39414	4.12203	3.99238	3.82391	3.74431	3.61496	3.46167	3.29463	3.52649
6250390.22	4.06132	3.85272	3.72185	3.57928	3.55725	3.47624	3.29690	3.15119	3.32641
6250340.22	3.59498	3.55216	3.39485	3.25696	3.25516	3.20255	3.11699	3.05826	3.10537
6250290.22	3.15131	3.20645	3.19326	3.06512	2.99197	2.96386	2.97311	2.86165	2.80094
6250240.22	2.88330	3.03340	2.99568	2.91470	2.81561	2.77588	2.78866	2.76832	2.63506
6250190.22	2.61723	2.80245	2.80087	2.74089	2.64116	2.63315	2.58542	2.59996	2.50944
6250140.22	2.44409	2.59396	2.56668	2.52762	2.48483	2.43019	2.41254	2.40232	2.35826
6250090.22	2.21357	2.31590	2.35716	2.33665	2.31984	2.27354	2.25537	2.21245	2.24876
6250040.22	2.05210	2.09996	2.16610	2.15795	2.14989	2.13758	2.12495	2.09366	2.11364

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NGDC ***
INCLUDING SOURCE(S): STCK1 , STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 333873.56	333923.56	333973.56	334023.56	334073.56	334123.56	334173.56	334223.56	334273.56
6251990.22	1.44084	1.39643	1.39350	1.40826	1.40592	1.41650	1.47978	1.49327	1.41627
6251940.22	1.47500	1.46690	1.45745	1.47988	1.50759	1.50087	1.51836	1.52579	1.48589
6251890.22	1.62133	1.56118	1.54088	1.57428	1.55096	1.55344	1.56297	1.62164	1.54772
6251840.22	1.73162	1.63739	1.64802	1.62854	1.60112	1.60391	1.65630	1.67092	1.63140
6251790.22	1.77838	1.73513	1.73004	1.72032	1.68965	1.68206	1.75298	1.78882	1.75930
6251740.22	1.78537	1.85582	1.82595	1.79391	1.82455	1.75117	1.72216	1.75760	1.81970
6251690.22	1.87914	1.86429	1.83132	1.96252	1.97850	1.87108	1.84537	1.83921	1.84003
6251640.22	1.97129	1.78839	2.01275	2.12076	2.21106	2.17522	2.03426	1.98518	1.98211
6251590.22	2.21835	2.22528	2.25445	2.21901	2.44456	2.35802	2.16495	2.14785	2.17299
6251540.22	2.50125	2.41001	2.35480	2.35386	2.58287	2.46790	2.37919	2.35067	2.29380
6251490.22	2.70621	2.74587	2.57999	2.69398	2.71533	2.58848	2.50121	2.45304	2.41772
6251440.22	3.11984	3.05307	2.96822	2.88853	2.88553	2.74606	2.65745	2.63248	2.59465
6251390.22	3.40026	3.27408	3.15019	3.18546	3.13298	2.97026	2.77791	2.86386	2.81378
6251340.22	3.98065	3.71419	3.58884	3.52820	3.45174	3.31892	3.24066	3.18910	3.08862
6251290.22	4.67748	4.23015	4.07502	4.02757	3.93997	3.83161	3.69920	3.55030	3.38779
6251240.22	5.38037	4.80780	4.58289	4.46960	4.32786	4.15076	3.88710	3.66826	3.45550
6251190.22	5.75080	5.18449	4.88791	4.69632	4.39455	4.06928	3.80923	3.59971	3.32371
6251140.22	5.88228	5.31533	4.91240	4.60185	4.29073	4.02098	3.78002	3.53667	3.26205
6251090.22	5.64667	5.18807	4.84784	4.52131	4.23809	4.00271	3.74357	3.50119	3.25105
6251040.22	5.29230	5.02490	4.71997	4.47212	4.22814	3.90683	3.51441	3.23279	3.11441
6250990.22	5.35215	5.00588	4.71176	4.45780	4.10105	3.70297	3.29526	3.12783	2.92667
6250940.22	5.29087	4.88488	4.62886	4.36141	4.01064	3.71337	3.50179	3.34501	3.11705
6250890.22	5.07705	4.74282	4.45997	4.15105	3.91149	3.70438	3.45861	3.28501	3.10917
6250840.22	4.89414	4.57528	4.32645	4.03663	3.77919	3.56787	3.34586	3.21221	3.05707
6250790.22	4.74429	4.38790	4.18501	3.93300	3.66549	3.44505	3.28996	3.12573	2.92608
6250740.22	4.71218	4.27174	4.02354	3.85239	3.54625	3.36592	3.19455	2.94220	2.51051
6250690.22	4.35339	4.11504	3.91186	3.69965	3.50111	3.32361	3.16758	2.96335	2.71266
6250640.22	3.73616	3.83415	3.70505	3.56441	3.38892	3.24480	3.13377	2.93507	2.77714
6250590.22	3.57079	3.63656	3.54084	3.42947	3.25442	3.11501	3.00561	2.82548	2.68317
6250540.22	3.58923	3.44047	3.38290	3.31202	3.15604	3.03554	2.88591	2.72006	2.60684
6250490.22	3.34118	3.24831	3.17075	3.11002	2.99218	2.90128	2.72561	2.56556	2.52032
6250440.22	3.27756	3.12735	3.05018	2.95822	2.83245	2.69647	2.59091	2.49505	2.41785
6250390.22	3.13286	3.04250	2.93287	2.80438	2.69626	2.58371	2.45173	2.37344	2.30414
6250340.22	2.99105	2.93356	2.77914	2.62254	2.53426	2.45167	2.34359	2.27157	2.18218
6250290.22	2.83728	2.75666	2.64466	2.49389	2.42706	2.34899	2.23804	2.19203	2.09570
6250240.22	2.61405	2.61208	2.50454	2.40885	2.33117	2.27298	2.18606	2.06973	2.00821
6250190.22	2.47447	2.49191	2.35591	2.28818	2.24507	2.18885	2.11422	1.98404	1.91751
6250140.22	2.46706	2.34541	2.23417	2.19645	2.19511	2.09300	2.04624	1.95467	1.85609
6250090.22	2.31245	2.22218	2.13829	2.11316	2.10077	2.06781	1.98597	1.82086	1.77476
6250040.22	2.21917	2.16464	2.06232	2.00182	1.98743	1.95850	1.85869	1.77086	1.71942

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NGDC ***
INCLUDING SOURCE(S): STCK1 , STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 334323.56	334373.56	334423.56	334473.56	334523.56	334573.56
6251990.22	1.38076	1.34464	1.32573	1.34238	1.33733	1.33411
6251940.22	1.44584	1.38468	1.35409	1.36996	1.37164	1.39508
6251890.22	1.52498	1.47413	1.44799	1.45634	1.42429	1.39421
6251840.22	1.60563	1.55920	1.53656	1.50282	1.51314	1.49771
6251790.22	1.69665	1.67285	1.66435	1.65291	1.64447	1.59269
6251740.22	1.90376	1.87981	1.83591	1.75812	1.75217	1.70736
6251690.22	1.88328	1.95493	1.93281	1.92089	1.88389	1.86862
6251640.22	2.00238	1.96328	1.95037	1.96918	1.94298	1.90445
6251590.22	2.14465	2.06460	2.02185	2.03556	2.02197	1.96444
6251540.22	2.23260	2.14637	2.10731	2.06838	2.01369	2.01598
6251490.22	2.32795	2.24763	2.24186	2.16872	2.04315	2.05705
6251440.22	2.48954	2.45431	2.39707	2.27417	2.07199	2.18141

6251390.22	2.77611	2.72321	2.60145	2.45390	2.30097	2.18464
6251340.22	3.05678	2.91762	2.76257	2.66637	2.58070	2.37458
6251290.22	3.26894	3.07594	2.89709	2.73689	2.64507	2.40992
6251240.22	3.24722	3.09498	2.89942	2.72416	2.59126	2.37579
6251190.22	3.14284	3.03819	2.83518	2.56019	2.35378	2.37722
6251140.22	3.05549	2.91107	2.76425	2.66475	2.52988	2.40823
6251090.22	3.05799	2.91518	2.75831	2.63916	2.49349	2.39469
6251040.22	3.06514	2.94968	2.78134	2.60925	2.47785	2.38057
6250990.22	2.96298	2.91628	2.76186	2.59890	2.46359	2.37332
6250940.22	3.01544	2.87569	2.70679	2.59765	2.48286	2.38350
6250890.22	2.89832	2.72754	2.67168	2.58092	2.44393	2.32796
6250840.22	2.86993	2.68094	2.63152	2.53783	2.43675	2.29946
6250790.22	2.78824	2.65856	2.57766	2.46850	2.42128	2.27646
6250740.22	2.63272	2.60189	2.50929	2.44307	2.35426	2.22780
6250690.22	2.65128	2.55349	2.45734	2.37942	2.27908	2.15779
6250640.22	2.59774	2.33699	2.40727	2.33743	2.22962	2.12342
6250590.22	2.40515	2.33393	2.36902	2.32274	2.20251	2.10190
6250540.22	2.50949	2.40739	2.30236	2.23183	2.14125	2.05995
6250490.22	2.43846	2.37391	2.25815	2.17314	2.07860	2.00727
6250440.22	2.32643	2.27467	2.18253	2.10960	2.04151	1.97435
6250390.22	2.24053	2.14896	2.09257	2.01980	1.98183	1.94391
6250340.22	2.12903	2.07765	2.00025	1.93777	1.88947	1.84588
6250290.22	2.00818	1.98420	1.91483	1.85234	1.82781	1.78702
6250240.22	1.95149	1.88348	1.81779	1.77861	1.76071	1.72698
6250190.22	1.87687	1.81065	1.76029	1.70574	1.67194	1.64401
6250140.22	1.79490	1.75163	1.68989	1.67513	1.60296	1.57034
6250090.22	1.72796	1.67686	1.62314	1.60703	1.55218	1.51883
6250040.22	1.65710	1.61134	1.56986	1.51996	1.48807	1.46959

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NGDC ***
INCLUDING SOURCE(S): STCK1 , STCK4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
333127.00	6250815.00	13.35446	333032.00	6250831.00	11.85870
333010.00	6250890.00	13.14728	332939.00	6251028.00	27.94321
332953.00	6251077.00	33.50357	332905.00	6251107.00	12.66985
332884.00	6251143.00	5.20973	332987.00	6251153.00	11.65602
332985.00	6251107.00	35.41742	332985.00	6251107.00	72.29900
333288.00	6251156.00	8.28874			

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NG ***
INCLUDING SOURCE(S): STCK1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 331623.56	331673.56	331723.56	331773.56	331823.56	331873.56	331923.56	331973.56	332023.56
6251990.22	2.01974	2.17339	2.46434	3.71793	4.75255	5.48221	5.50465	4.90331	3.72919
6251940.22	2.30069	2.29222	2.41313	2.82718	4.11366	5.34451	6.26695	6.36350	5.60916
6251890.22	3.92163	3.67138	3.00184	2.83995	2.88779	4.38429	5.79480	6.83699	6.94464
6251840.22	4.66155	4.92350	4.71850	3.64383	3.59683	2.99393	4.33821	5.60143	6.87986
6251790.22	4.30302	5.34560	6.06409	6.07892	5.55495	4.24493	3.46263	3.13607	5.68940
6251740.22	2.77015	4.53904	6.02253	7.20228	7.40527	6.63102	4.60141	4.17034	3.61384
6251690.22	2.22099	2.99742	4.61560	6.15588	7.60227	8.21135	7.81544	6.73660	5.11113
6251640.22	2.16114	2.21636	3.01888	3.86693	6.07234	7.84834	9.24175	9.37284	8.36869
6251590.22	2.50218	2.34292	2.40813	2.89796	3.99332	5.95985	7.92163	9.95181	10.92059
6251540.22	3.01723	3.07037	3.02018	2.83733	2.80786	3.84591	5.07118	7.74168	10.06611
6251490.22	3.20890	3.49480	3.69675	3.73283	3.68740	3.43762	3.47393	4.97610	7.34171
6251440.22	3.43335	3.34634	3.61930	4.16736	4.58530	4.69450	4.55222	4.22256	4.56348
6251390.22	3.69861	3.82079	4.03775	4.26246	4.34530	4.91809	5.58162	5.89188	5.69314
6251340.22	3.51441	3.81766	4.24454	4.71468	5.03858	5.45808	5.67617	5.66465	6.72375
6251290.22	3.22309	3.67358	4.15944	4.68347	5.20951	5.57592	6.26503	6.75067	7.29030
6251240.22	2.64149	2.84878	3.28697	3.88587	4.57344	5.34277	6.22213	7.07454	7.65057
6251190.22	3.67590	3.76225	3.80021	3.78263	3.71448	3.96203	4.56152	5.56560	6.66614
6251140.22	4.71790	4.97248	5.20169	5.38142	5.53951	5.53352	5.66882	5.65342	5.55290
6251090.22	5.38396	5.78230	6.14567	6.46287	6.77716	7.09824	7.40532	7.54694	7.64288
6251040.22	6.02383	6.47009	6.98362	7.32199	7.60920	8.25189	8.86489	9.37937	9.87354
6250990.22	6.42929	7.02511	7.68346	8.32185	8.85019	9.34422	9.83261	10.37351	11.01760
6250940.22	7.93529	8.49675	9.10106	9.67759	10.27134	10.80848	11.35603	11.76043	12.35996
6250890.22	8.72484	9.38301	9.98276	10.58219	11.23479	11.92106	12.51632	13.00446	13.62585
6250840.22	8.96908	9.81417	10.67362	11.55950	12.46550	13.38052	14.29201	15.18534	16.05738
6250790.22	9.75546	10.76558	11.58477	12.47754	13.42402	14.25745	15.09326	15.85966	16.53908
6250740.22	9.59647	10.13111	10.62154	11.05822	11.43298	11.73924	11.97387	12.13042	12.20651
6250690.22	7.17105	7.38373	7.56402	8.14542	9.12448	10.09919	11.02582	11.85599	12.54060
6250640.22	7.17295	7.90820	8.60744	9.24561	9.80392	10.19701	10.76774	11.84513	12.58956
6250590.22	7.26329	7.75142	8.49384	9.41972	10.13044	10.50321	10.78863	10.93914	12.74974
6250540.22	7.24493	7.90814	8.46980	8.89957	8.73702	8.46894	13.06999	17.02234	21.74400
6250490.22	6.32313	6.59322	6.67674	10.58690	13.81645	17.22002	20.44072	23.58167	26.37067
6250440.22	5.86390	9.88099	12.96757	16.83583	20.92147	23.56077	24.36677	23.38346	21.78354
6250390.22	11.36837	13.97172	16.55043	19.17408	20.97276	21.38616	19.50360	16.90251	12.95335
6250340.22	13.52761	14.63825	15.13172	15.27349	14.81224	11.72363	11.69422	9.25578	9.02061
6250290.22	11.80318	11.51291	10.82721	8.92018	9.33929	7.75138	7.82019	7.41177	7.49738
6250240.22	6.80656	7.26962	7.59067	6.36185	6.44111	6.11532	6.10186	6.60548	6.18524
6250190.22	4.92208	5.21882	5.33498	5.09954	5.05620	5.42580	5.33011	6.01154	7.23145
6250140.22	4.22505	4.19113	4.31555	4.70670	4.67682	4.88629	5.72227	7.28867	8.89822
6250090.22	3.43248	3.91772	3.99825	4.22199	4.99063	5.84484	7.32133	8.48620	8.14436
6250040.22	3.18808	3.61268	4.00035	4.62619	5.95627	7.22188	7.53586	7.22361	6.84255

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NG ***
INCLUDING SOURCE(S): STCK1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 332073.56	332123.56	332173.56	332223.56	332273.56	332323.56	332373.56	332423.56	332473.56
6251990.22	3.70292	3.61272	3.68211	6.25166	7.19826	8.27252	7.68788	8.37152	8.79974
6251940.22	3.88385	3.71001	3.74379	5.30262	6.95628	7.94367	8.86069	7.89368	9.76031
6251890.22	5.88554	4.00176	3.88957	3.95669	5.93703	7.60054	8.97479	9.26333	9.28314
6251840.22	7.03625	5.80003	4.11955	3.99709	4.37157	6.68337	8.48787	9.91650	8.99708
6251790.22	6.89622	7.10193	6.21535	4.44666	4.34051	4.87590	7.66906	9.11334	10.36226
6251740.22	5.93405	7.46401	7.94739	7.01323	5.00971	4.81917	6.37073	8.79672	10.47734
6251690.22	4.20314	6.37245	8.39052	8.92999	7.71105	5.46627	5.27194	7.38049	9.90231
6251640.22	6.05045	5.44380	6.80664	8.81747	9.68950	8.51683	6.05377	5.86974	8.59202
6251590.22	10.21384	8.59182	6.44780	6.97062	9.42800	10.58888	9.34985	6.67545	6.44553
6251540.22	11.94820	12.06801	10.50698	7.53547	7.17991	9.95586	11.46623	10.19453	7.32556
6251490.22	9.81804	12.48246	13.75588	12.69584	10.41654	7.70884	10.37543	12.29115	10.97392
6251440.22	6.23839	9.24712	12.34211	14.99179	14.99583	12.61696	8.93763	10.60306	12.92947
6251390.22	5.25460	5.85004	7.58270	11.63748	15.17060	16.81879	15.00674	11.81580	10.61064
6251340.22	7.36751	7.25854	6.51092	7.28914	11.36139	16.00348	17.25690	17.19178	14.02721
6251290.22	7.39999	7.72172	8.80988	9.06796	8.83700	9.74141	12.49970	16.54269	18.67753
6251240.22	8.16822	8.68826	9.33513	9.23147	10.57742	11.51251	10.10339	10.79209	14.87446
6251190.22	7.94987	9.16401	10.06344	10.33061	11.02863	11.53744	11.19057	12.63658	12.33449
6251140.22	5.67329	6.12349	7.53802	9.40454	11.24169	12.56024	13.09418	13.26270	13.52439
6251090.22	7.70828	7.72286	7.67664	7.55345	7.98679	8.44486	10.66925	12.90615	14.95047
6251040.22	10.24896	10.57652	10.90239	10.95793	10.90663	10.69342	9.67238	10.23816	11.03377
6250990.22	11.53287	12.01126	12.95694	13.82496	14.63150	15.35782	16.02272	16.77051	17.75527
6250940.22	12.91323	13.35509	13.86284	14.34087	14.79941	15.16629	15.73931	18.06071	20.91038
6250890.22	14.36693	15.11884	16.04048	16.96318	17.87844	18.42075	18.69803	19.84361	21.22994

6250840.22	16.88801	17.67307	18.84154	19.96621	21.02166	21.70084	22.66558	23.88241	24.38162
6250790.22	17.11560	17.57561	17.90826	18.10532	18.16052	17.85227	17.55999	17.77801	18.39772
6250740.22	12.20005	13.26556	14.33059	15.21669	15.88584	16.34425	17.40177	18.82339	21.06117
6250690.22	13.05211	13.47212	14.67541	15.56147	16.01261	18.74360	24.76680	30.87116	35.70429
6250640.22	13.07851	13.28350	15.61625	20.86227	26.68557	32.07989	35.40769	35.82699	33.38230
6250590.22	16.77454	21.67726	26.67328	30.76081	32.94811	32.71098	30.04936	25.50078	17.72708
6250540.22	26.19619	28.26355	29.26797	28.29764	25.70663	22.12330	15.98458	12.35674	11.50745
6250490.22	26.15629	24.38365	21.58451	15.84721	13.83628	11.07369	10.30177	10.60266	13.39607
6250440.22	19.04730	13.74297	11.48739	9.91677	9.22606	9.83837	9.97107	13.33395	13.66053
6250390.22	10.40876	9.30197	8.22717	8.69590	8.37816	10.49358	12.81071	12.78504	11.94898
6250340.22	8.14785	7.96754	7.60090	7.59854	10.49572	11.94881	11.45409	11.90341	14.01676
6250290.22	7.52631	6.50166	7.67124	10.17106	11.08038	9.83155	11.51579	13.27022	11.70309
6250240.22	6.96919	8.25808	9.85326	9.91093	9.39590	10.87534	12.44578	11.14219	10.44979
6250190.22	9.08090	9.83664	9.16499	8.97092	10.14541	11.74823	10.33646	8.40137	12.85958
6250140.22	9.37706	8.37225	8.74803	9.80456	11.38575	9.73417	7.57992	11.09314	11.14911
6250090.22	7.33038	8.99956	9.36530	11.17708	9.32298	7.04026	9.46184	10.62381	12.91946
6250040.22	8.31382	8.73425	10.46502	9.47596	6.83489	8.04224	9.79443	11.27358	14.10798

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NG ***
INCLUDING SOURCE(S): STCK1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 332523.56	332573.56	332623.56	332673.56	332723.56	332773.56	332823.56	332873.56	332923.56
6251990.22	6.97028	5.80739	9.68527	14.91257	11.24846	8.87015	7.91252	9.32017	8.92451
6251940.22	8.69338	5.98006	7.04170	15.02626	14.16124	9.20453	9.08603	9.75542	9.01762
6251890.22	9.80610	8.02483	6.99873	13.53938	16.95186	10.25795	10.27704	10.31858	9.51026
6251840.22	10.33987	9.85842	7.12508	11.10961	18.47692	13.41483	11.30390	10.68716	10.69729
6251790.22	9.95067	11.29034	9.40291	8.25907	17.92265	17.17146	12.00706	10.81130	11.88617
6251740.22	10.88965	11.69985	11.51946	8.35563	15.37873	20.51977	12.23873	12.05669	13.00496
6251690.22	11.74397	10.81355	12.85856	10.73878	11.93493	21.94577	15.34533	13.60087	13.96116
6251640.22	10.97308	12.26696	12.68840	13.05485	9.62270	20.39307	19.77058	14.81385	14.66017
6251590.22	9.92477	11.93715	12.39806	14.19201	12.14035	16.37877	23.57743	15.43886	15.00040
6251540.22	7.73363	11.21656	13.14944	13.34909	14.62808	11.80931	24.62510	16.45945	15.05021
6251490.22	7.99852	8.88419	12.42440	13.84428	15.45959	13.72876	21.77113	21.60134	16.77557
6251440.22	11.67643	8.69018	10.23169	13.67722	14.27394	16.51949	16.35719	26.14876	17.94800
6251390.22	13.45340	12.38482	9.37711	11.81638	14.91785	16.67571	16.00927	27.62059	18.31718
6251340.22	10.46999	13.94610	13.17436	9.87742	13.51837	15.74839	19.00492	24.10822	23.82790
6251290.22	16.88410	13.02057	14.69971	14.15193	10.51072	15.54028	19.02967	20.08095	30.75278
6251240.22	19.30176	20.08693	16.17838	15.38498	15.88569	12.59212	19.75824	22.02079	30.18976
6251190.22	12.97677	19.08950	22.38319	20.04902	15.71522	16.87054	15.84314	22.26883	23.15989
6251140.22	14.31787	15.85598	16.72847	22.82453	23.04567	17.94611	18.31579	17.82984	22.63526
6251090.22	16.53672	17.83816	17.95805	17.84861	20.66789	26.49850	21.60943	18.73568	28.61874
6251040.22	12.45776	16.42973	19.89716	21.37149	21.78020	22.81432	24.77169	26.74815	30.88547
6250990.22	19.26009	18.96589	17.57972	17.71144	18.79368	20.61113	23.32421	26.90050	30.18706
6250940.22	23.67179	23.28458	24.24578	26.39396	29.80687	31.20324	33.06770	27.24860	23.76444
6250890.22	22.43745	22.58488	22.66696	23.44300	25.36025	26.49041	26.04614	25.40793	24.95345
6250840.22	24.90812	24.66974	23.35116	22.51730	25.56143	30.29979	32.18053	34.24773	30.27258
6250790.22	20.09269	23.07889	24.80807	30.92453	37.42400	40.77411	37.66901	26.71847	20.24182
6250740.22	27.91760	34.57925	38.95400	39.61686	35.17150	27.05923	19.14685	19.72990	24.98778
6250690.22	37.84732	36.59028	32.03616	25.08356	18.99133	17.67812	18.32164	22.48097	26.03296
6250640.22	28.67836	19.36587	15.68197	15.39952	16.63334	17.75196	20.06909	24.62446	26.65352
6250590.22	13.70149	12.60361	15.77843	15.26874	17.18805	17.89982	21.05510	27.74924	25.68678
6250540.22	12.83295	15.52094	14.96635	16.63850	15.65007	18.73595	25.30806	23.06014	24.68625
6250490.22	14.76286	13.97363	16.12135	14.21921	18.74156	22.33469	23.89763	21.49355	24.49851
6250440.22	12.37415	15.57463	13.66498	17.91473	19.03449	23.11696	21.03164	23.68801	30.22533
6250390.22	14.83920	13.09502	16.35517	16.13594	21.01436	20.58684	20.23874	24.65315	31.11604
6250340.22	12.40935	14.36193	15.30394	18.86718	19.74584	18.37374	22.54095	30.71108	27.32344
6250290.22	12.23217	15.03490	16.67657	19.10704	19.18109	19.21648	23.11605	33.80419	24.19174
6250240.22	14.12781	14.60425	18.05145	18.80310	16.26638	21.72337	28.66896	32.61741	25.29333
6250190.22	12.48179	16.46308	17.15075	17.62516	18.22741	22.01562	32.90644	27.90174	25.43793
6250140.22	14.94049	16.80566	17.26137	14.95339	20.68040	25.08316	33.84670	21.80274	24.82892
6250090.22	15.67207	16.14650	15.06981	16.50701	21.12032	28.71748	30.85962	22.14367	22.86016
6250040.22	14.82214	15.68003	13.99472	18.80897	20.54099	30.78442	25.51645	22.60372	20.50785

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NG ***
INCLUDING SOURCE(S): STCK1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 332973.56	333023.56	333073.56	333123.56	333173.56	333223.56	333273.56	333323.56	333373.56
6251990.22	10.49447	9.48857	9.20713	10.90308	10.01252	9.02703	8.12482	8.75123	8.27314
6251940.22	11.15883	10.26985	9.33658	11.46434	10.57826	9.60723	8.76408	9.17780	8.21972
6251890.22	12.06217	11.07177	9.95383	12.18512	11.10724	10.12301	9.43389	9.96368	8.01677
6251840.22	12.93978	11.85728	10.61621	12.90287	11.58485	10.58275	10.40067	10.50242	9.06541
6251790.22	13.75909	12.60453	11.29682	13.61043	11.99601	11.19531	11.23179	10.67858	10.07778
6251740.22	14.48634	13.28761	11.99271	14.30028	12.32479	11.67752	11.83934	10.42511	10.70726
6251690.22	15.08567	13.87651	12.70093	14.96465	12.55460	11.98590	12.45192	10.56727	12.44871
6251640.22	15.51941	14.70626	13.41887	15.59563	12.93832	12.41903	13.07939	11.84901	13.70644
6251590.22	15.75018	15.95051	14.08031	16.09192	13.66108	13.56997	13.15190	12.64251	14.00254
6251540.22	15.64038	17.04288	14.62953	16.23366	14.43023	14.22483	12.48298	14.22519	12.98987
6251490.22	16.53843	18.07307	15.20199	16.32234	15.03066	14.55602	13.19842	14.74066	12.90578
6251440.22	17.69122	19.07051	15.76528	16.30272	15.38448	15.25175	14.07443	13.91698	11.92879
6251390.22	18.52459	20.01897	16.35581	16.19824	15.39665	15.20175	14.65406	13.51277	11.91321
6251340.22	18.83245	20.89162	17.12354	16.02274	15.60222	14.26355	14.43727	12.07088	11.64935
6251290.22	19.92515	21.61317	17.84293	16.45408	16.86611	15.46115	13.68580	12.78279	12.69349
6251240.22	21.39765	22.12287	18.89776	18.66666	17.83035	15.43113	14.27870	12.79895	15.48154
6251190.22	25.43764	22.40551	20.56351	20.68652	17.69551	14.73430	13.47871	16.65204	14.42940
6251140.22	32.66210	23.18566	21.73838	21.57945	17.64248	16.01226	17.49946	16.15736	15.74852
6251090.22	35.98224	27.50684	21.11533	21.57861	17.63514	17.17807	18.24086	14.68861	13.15212
6251040.22	25.85910	33.20355	22.04340	20.79661	18.17191	19.18865	15.05061	14.73542	15.86552
6250990.22	29.84041	56.12643	28.01292	25.88608	19.65284	17.30724	17.43038	14.91311	13.34178
6250940.22	39.83341	56.31806	85.33716	30.59832	18.67163	18.97659	18.67023	21.33259	21.70006
6250890.22	44.08579	56.89146	41.57039	42.00000	47.07737	21.03095	21.39336	21.18122	19.66752
6250840.22	24.28451	35.60816	45.71495	59.90360	47.04033	26.54177	26.42985	21.27715	15.44626
6250790.22	24.51889	35.99051	40.98094	40.30565	37.49664	31.67885	22.77721	19.87902	19.93042
6250740.22	22.61936	29.69123	34.98026	26.07464	29.42076	35.27793	32.48797	24.03873	20.74850
6250690.22	29.16823	26.14609	28.67590	23.22298	25.17563	33.60303	34.60259	32.09856	23.84657
6250640.22	25.21634	28.37691	26.32220	23.29346	21.88065	35.25822	35.40081	29.99325	28.97256
6250590.22	24.01294	29.02454	25.71268	25.88856	17.37975	28.75671	35.13220	30.47459	26.87353
6250540.22	25.66532	29.20827	25.34114	27.24924	15.81728	23.62494	32.54963	26.26562	28.22773
6250490.22	24.35189	27.15838	24.43330	27.57195	17.74531	19.27045	23.07244	28.94408	21.56739
6250440.22	25.86982	24.31012	22.30042	28.09527	18.85021	15.18587	20.51549	25.40661	25.68669
6250390.22	26.09325	22.95532	20.31465	27.94778	20.26641	12.89758	19.28823	19.53568	26.50497
6250340.22	25.09967	22.04689	17.92866	26.16679	19.89349	15.25813	17.66996	20.09356	22.77430
6250290.22	23.25795	20.83039	16.04496	24.85799	18.37364	15.07275	14.18362	18.02375	18.08210
6250240.22	20.86214	20.25222	14.87251	23.89219	19.03217	15.25094	10.45962	15.50596	17.53419
6250190.22	19.71744	19.54924	13.91901	22.59988	20.10389	15.61138	11.38541	12.72863	16.06852
6250140.22	18.30658	19.16245	13.51206	21.92003	21.09540	15.22440	11.28206	10.10062	14.30592
6250090.22	16.09527	18.60289	13.17698	20.70470	21.28865	14.45258	11.10803	7.63232	11.99960
6250040.22	15.02454	18.20628	13.16891	19.80426	20.93352	13.51968	10.83096	8.51275	9.58945

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NG ***
INCLUDING SOURCE(S): STCK1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 333423.56	333473.56	333523.56	333573.56	333623.56	333673.56	333723.56	333773.56	333823.56

6251990.22	7.47936	8.51761	9.48730	7.40526	6.97095	6.88583	6.65127	6.26263	5.95039
6251940.22	8.27516	9.80890	9.53001	7.77732	7.66025	6.99272	6.71303	6.11539	6.33603
6251890.22	8.83552	10.76007	8.95295	7.92123	7.82848	7.51417	6.62079	6.41941	6.10140
6251840.22	10.42995	11.12376	9.06791	8.68693	8.08644	7.43378	6.83214	6.47283	5.27557
6251790.22	11.78687	10.74373	8.96521	8.76637	8.43633	7.49111	6.86216	5.84777	6.35358
6251740.22	12.53871	10.39296	9.70476	9.06684	8.18052	7.52075	6.39643	6.62826	7.79775
6251690.22	12.39172	10.31970	9.65078	9.13485	8.45443	7.26210	7.00343	8.16304	8.57924
6251640.22	11.71798	10.69038	10.01626	9.08580	8.06951	7.47369	8.46438	7.97132	8.88761
6251590.22	11.76891	10.47250	9.70854	9.12666	7.95059	9.16554	8.63444	8.15024	9.96668
6251540.22	11.65053	10.87937	10.16137	8.32020	9.96574	9.44709	8.39496	8.83426	10.88669
6251490.22	11.40088	10.74498	9.34718	10.78668	10.43316	9.09528	8.76086	9.25769	12.78016
6251440.22	11.17763	10.56895	11.42667	11.35347	9.81839	9.47655	10.06717	10.02420	10.31528
6251390.22	11.29321	11.97126	12.34669	10.49957	10.14405	11.36250	10.30673	8.71549	9.60794
6251340.22	12.35737	13.26404	11.12651	11.45863	12.40797	10.30659	9.30122	10.15435	12.68039
6251290.22	14.28582	12.17093	13.09294	12.94589	9.74919	9.68755	12.30294	13.29147	11.37843
6251240.22	13.24839	14.55220	12.79036	10.43792	11.61348	13.98543	13.03661	9.61948	9.53044
6251190.22	15.57049	11.88390	11.18021	13.85320	14.46722	11.44010	10.19002	9.78101	8.38944
6251140.22	11.73012	12.89408	15.23229	13.27732	10.95655	10.04920	8.28131	9.07840	10.84283
6251090.22	15.13892	14.88326	11.73681	10.73640	9.29099	9.78707	10.29260	11.59147	14.03723
6251040.22	12.59129	11.46241	11.18697	11.99019	12.25148	11.91754	11.33469	11.02426	12.61116
6250990.22	13.84249	13.68514	13.90028	14.51421	14.77271	15.08929	15.33214	15.93128	18.09911
6250940.22	21.02193	19.81911	18.48175	17.60485	17.33634	17.03256	16.75649	16.65626	18.76925
6250890.22	18.01316	17.12774	16.31781	15.52465	14.78494	14.23136	13.87596	14.18688	15.86062
6250840.22	12.81012	12.52239	11.92215	11.48301	11.49237	11.43309	11.36028	11.83922	14.22077
6250790.22	17.71014	14.39983	12.71033	12.85612	13.17446	12.73623	11.82014	10.72834	12.52743
6250740.22	15.15430	15.42696	14.82260	13.18657	12.33496	13.00386	14.52885	15.38725	16.73873
6250690.22	21.43954	18.96888	13.86820	13.47196	13.46800	12.59633	11.16535	11.75122	15.49551
6250640.22	25.08612	17.69290	20.96363	18.44724	13.16887	11.78404	11.84434	11.76581	12.30555
6250590.22	25.60950	25.70716	17.72716	17.71472	19.33707	16.31834	11.74021	10.48038	12.38262
6250540.22	25.11709	22.29763	25.30224	19.66918	13.95518	17.05216	17.67001	14.51387	11.22520
6250490.22	27.46186	23.68417	19.06347	24.02467	20.81824	13.77689	12.46533	15.84964	19.72925
6250440.22	20.78746	26.38689	22.42822	18.13235	22.14115	21.20191	15.09971	11.14773	13.37127
6250390.22	22.06998	19.38144	25.40538	21.19348	17.15546	19.71728	20.47016	15.88632	12.30749
6250340.22	24.52291	19.21490	19.47380	24.12782	19.69393	15.71632	16.80006	19.14882	17.14147
6250290.22	23.30452	21.32144	18.53632	19.12262	22.56586	18.12298	14.37389	15.12143	17.23788
6250240.22	19.35599	23.18005	18.08397	17.07971	18.47649	20.92803	16.63122	13.03717	14.09498
6250190.22	16.39578	21.54427	20.75171	16.62308	15.27201	17.64506	19.25992	15.19798	11.48235
6250140.22	16.06487	17.19619	20.78837	17.31774	15.53837	13.41859	16.60025	17.56218	13.65207
6250090.22	14.58887	14.72698	18.22712	18.62066	14.24577	14.08430	11.65809	15.42516	15.95720
6250040.22	12.81443	14.14672	14.22626	17.80086	15.93312	13.65108	12.79277	10.69094	14.33104

♀ *** AERMOD - VERSION 15181 *** *** C:\Proj\Star\NOx.isc *** 03/17/17
*** AERMET - VERSION 15181 *** *** NO2 *** 17:07:31
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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NG ***
INCLUDING SOURCE(S): STCK1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 333873.56	333923.56	333973.56	334023.56	334073.56	334123.56	334173.56	334223.56	334273.56
6251990.22	5.96752	5.20281	4.34589	4.65036	4.86145	4.24660	3.50115	3.55145	3.33597
6251940.22	5.93388	4.84263	5.12693	5.43029	4.71024	4.12482	4.34335	3.84659	3.69654
6251890.22	5.08733	5.64885	6.09196	5.44404	4.80339	5.09448	4.59271	4.40359	4.40559
6251840.22	6.00316	6.79129	6.07305	5.44190	5.95550	5.42705	5.31009	5.05388	4.27915
6251790.22	7.24982	6.88167	6.11701	6.48898	5.92765	6.50490	6.01709	4.70688	3.76208
6251740.22	7.58498	6.87492	7.17504	6.53102	7.20392	7.93793	6.49196	5.21539	4.64416
6251690.22	7.63869	7.51049	8.02922	8.09978	7.55774	6.69864	5.60036	5.29721	5.27705
6251640.22	8.65647	9.52293	10.05281	8.54843	6.18328	5.89902	5.96848	6.52236	7.49013
6251590.22	10.53639	11.12064	9.84203	7.36627	6.13867	6.26432	7.29195	8.01430	8.36618
6251540.22	12.22596	10.38396	9.05611	7.68110	7.97620	10.23038	8.94424	8.37372	6.56885
6251490.22	10.71091	9.07411	7.93672	9.04929	11.86715	10.07731	7.04963	5.76858	5.93142
6251440.22	9.15759	9.70413	10.72204	11.28051	10.71914	7.06869	6.10129	6.66977	6.00814
6251390.22	13.25915	12.12617	9.94186	9.27553	8.19089	6.98987	5.70489	5.55792	5.13194
6251340.22	14.70547	11.03348	8.64837	8.77028	7.90662	6.11398	5.93552	5.98468	5.86186
6251290.22	9.30039	9.91180	8.61041	7.40672	7.20901	7.23951	7.04375	6.69737	6.25612
6251240.22	10.11178	8.25465	8.27711	8.27186	8.06138	7.65182	7.36374	7.00350	6.91217
6251190.22	9.74658	9.37907	8.96408	9.15091	8.93282	8.70337	8.43504	8.17136	7.39518
6251140.22	11.20977	11.37765	11.18698	10.84804	10.25628	9.56101	8.88157	8.01585	6.98238
6251090.22	13.29615	12.23147	11.29352	10.23805	9.22384	8.62203	8.25814	8.02410	7.81829
6251040.22	12.24818	12.62901	12.75895	12.75721	12.55606	12.06468	11.24614	10.92703	10.42883
6250990.22	17.73636	17.22941	16.64472	15.98656	15.20684	14.11544	13.04986	12.45694	11.78301
6250940.22	20.04403	18.94215	17.87612	16.80932	15.67620	14.48862	13.50955	12.62334	11.72681
6250890.22	16.56429	15.66422	14.77204	13.70922	12.85774	12.02009	11.18273	10.39705	9.63779
6250840.22	13.91675	13.38207	13.04170	12.37236	11.76677	11.19397	10.36487	10.22747	9.80557
6250790.22	11.47574	10.52184	9.97187	9.60445	9.14065	8.51833	7.97032	7.63845	7.14880
6250740.22	16.29835	17.47751	15.46043	12.99069	12.39287	10.64691	8.61578	8.26450	6.56870
6250690.22	19.38513	20.32639	19.85819	18.76367	17.19605	15.32315	13.31668	12.22286	10.71877
6250640.22	15.98127	17.21136	16.59146	16.78622	17.07939	16.78943	16.17608	15.19740	13.99888
6250590.22	11.90725	11.14245	10.54283	10.23695	12.39880	12.91122	13.16246	13.94459	14.01300
6250540.22	10.95907	10.53739	10.17158	9.42269	8.44160	7.87239	8.48009	10.58576	11.17009
6250490.22	13.40912	10.51936	10.04029	8.84764	8.51430	7.73719	7.19234	7.40812	7.63555
6250440.22	18.94249	18.08753	14.42688	10.02380	8.63560	7.65319	7.03533	6.58223	5.98815
6250390.22	12.05332	13.82541	15.63079	15.46391	12.15297	8.83698	7.09321	7.09369	6.52731
6250340.22	13.47467	10.58084	9.86677	12.92723	14.24275	12.98075	10.03406	7.18723	6.36641
6250290.22	18.58414	13.48523	10.18953	9.20737	9.13680	11.38380	11.46855	8.89741	8.45867
6250240.22	15.25342	17.52158	14.47925	9.88192	8.70863	7.23390	8.06331	9.27968	9.64667
6250190.22	13.11762	15.17787	17.56062	14.71852	10.04702	7.54339	6.65987	6.28193	7.04815
6250140.22	10.79838	14.10293	14.04492	15.06094	12.40401	9.85851	6.48000	6.19250	5.24456
6250090.22	14.25044	10.94497	13.40525	11.94007	11.81470	11.06583	9.14620	6.31963	5.65212
6250040.22	15.62141	13.42098	9.28888	11.40692	10.45574	9.45024	10.85953	8.30108	6.42442

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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NG ***
INCLUDING SOURCE(S): STCK1 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 334323.56	334373.56	334423.56	334473.56	334523.56	334573.56
6251990.22	3.20412	3.33178	3.11048	2.62395	2.30474	2.26868
6251940.22	3.83052	3.44848	2.79476	2.50701	2.41769	2.33128
6251890.22	3.90253	3.00244	2.78556	2.66550	2.55205	2.41321
6251840.22	3.21371	3.13889	2.90625	2.83739	2.99940	3.19397
6251790.22	3.58653	3.32909	3.16658	3.61972	3.79952	3.60737
6251740.22	3.96136	4.16363	4.50665	4.40692	4.05473	3.38198
6251690.22	6.33385	6.10036	5.69218	4.83876	4.03122	3.02135
6251640.22	7.72060	6.78147	5.44570	4.16318	3.66073	3.49117
6251590.22	6.91731	4.55873	4.20319	4.23831	3.74934	3.37377
6251540.22	4.94351	4.70706	4.48735	4.07450	3.50457	3.07969
6251490.22	5.27074	4.42825	4.22207	3.66264	4.05197	3.71340
6251440.22	4.75563	4.35212	4.39422	4.15955	4.26299	3.94650
6251390.22	5.21132	5.19281	4.90245	4.73605	4.67681	4.27808
6251340.22	5.83075	5.42777	4.97504	4.65141	4.33966	4.29922
6251290.22	5.94758	5.47117	5.29384	5.17937	5.16318	4.66498
6251240.22	6.71434	6.56255	6.18945	5.76090	5.42478	4.72386
6251190.22	6.95454	6.72171	6.06711	5.33309	5.21662	4.92298
6251140.22	6.19424	5.92179	5.65160	5.29847	5.01830	4.59273
6251090.22	7.66874	7.43890	7.17726	6.83046	6.55833	6.09331
6251040.22	9.74090	9.18991	8.45576	7.85050	7.36719	6.73992
6250990.22	11.17502	10.39615	9.60051	8.88281	8.23902	7.40064
6250940.22	10.86853	10.01580	9.28977	8.47098	7.70083	6.89206
6250890.22	9.04414	8.45810	7.65625	7.38491	6.80531	6.46454
6250840.22	8.91800	8.23356	8.19812	7.93816	7.52163	6.93252
6250790.22	6.93736	6.67703	6.66005	6.50517	6.33606	5.97124
6250740.22	6.13231	5.33482	5.17046	4.91621	4.64124	4.27974
6250690.22	9.46635	7.78849	6.21012	4.83935	4.09872	3.48861
6250640.22	12.50150	10.71224	9.48982	7.80993	6.66225	5.08479
6250590.22	12.89339	12.23324	11.59175	10.48331	9.22894	7.98052

6250540.22	10.68741	10.70597	10.53640	10.29621	9.85465	9.19440
6250490.22	6.83441	6.86033	7.65820	7.72775	7.81057	7.75100
6250440.22	5.50323	5.45180	5.12451	5.13469	5.20227	5.05024
6250390.22	5.68661	5.11459	4.86968	4.86821	4.69241	4.25823
6250340.22	6.39336	6.04729	5.59524	4.97377	4.19233	4.24338
6250290.22	6.33262	5.49695	5.85087	5.82957	5.38148	4.67517
6250240.22	8.39922	6.91165	5.13955	5.19765	5.34418	5.18162
6250190.22	7.53452	7.81516	7.17070	5.83582	4.71887	4.51933
6250140.22	5.07604	5.92738	6.74568	6.59150	5.87830	4.84769
6250090.22	5.01288	4.28212	4.60910	5.33495	5.66710	5.44125
6250040.22	4.89625	4.52651	3.77017	3.72508	4.12227	4.57757

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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NG ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
333127.00	6250815.00	57.64216	333032.00	6250831.00	45.87121
333010.00	6250890.00	48.54544	332939.00	6251028.00	28.97387
332953.00	6251077.00	30.42350	332905.00	6251107.00	19.28524
332884.00	6251143.00	20.05478	332987.00	6251153.00	25.32520
332985.00	6251107.00	36.52864	332985.00	6251107.00	48.56572
333288.00	6251156.00	17.26605			

♀ *** AERMOD - VERSION 15181 *** *** C:\Proj\Star\NOx.isc *** 03/17/17
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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: DIESP ***
INCLUDING SOURCE(S): STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 331623.56	331673.56	331723.56	331773.56	331823.56	331873.56	331923.56	331973.56	332023.56
6251990.22	79.26457	143.75982	227.15258	289.64802	288.72449	222.10475	134.20827	154.34346	239.55828
6251940.22	82.78565	86.01444	109.71971	191.29938	275.37426	310.63588	267.87056	176.97767	142.55113
6251890.22	82.36309	86.97401	92.02604	94.85343	151.09931	244.68587	313.97687	307.17681	226.23500
6251840.22	84.37567	88.96636	91.78689	96.58579	101.50407	112.30633	202.49393	296.42580	331.58265
6251790.22	83.58069	87.31927	94.02079	97.56946	103.62231	109.95912	116.18256	155.83143	259.09984
6251740.22	149.95915	99.40326	97.32442	96.71896	102.74862	110.67883	114.35729	119.15739	124.53771
6251690.22	360.79252	297.15298	218.43422	145.49502	106.81560	102.20893	110.77478	117.84816	125.99615
6251640.22	374.33901	423.02511	427.43392	384.04131	303.85212	211.64337	132.40311	114.76158	123.00118
6251590.22	162.72460	238.59929	326.09092	408.66447	459.08487	456.88323	398.52882	302.40254	199.11824
6251540.22	102.97780	111.63999	118.22712	166.00123	247.04525	343.95760	435.30460	489.02957	477.02866
6251490.22	419.98091	342.21886	114.01411	123.45988	132.75893	142.02996	162.74596	249.30398	355.58634
6251440.22	834.97470	779.58117	701.82879	622.88398	534.87117	435.72293	341.64720	155.15259	165.09879
6251390.22	911.51974	954.87750	978.63858	993.04085	982.45500	939.92665	876.73873	789.91317	684.39916
6251340.22	526.62290	606.11915	691.57180	779.39493	870.16979	955.13147	1029.73135	1096.11018	1135.42131
6251290.22	119.92641	124.74923	128.80098	306.07908	370.43313	445.83761	535.78760	645.41933	754.26231
6251240.22	142.28701	152.21892	159.73848	168.11218	178.72445	187.35589	197.68615	209.83015	217.75480
6251190.22	148.59760	160.51792	172.35575	181.47052	191.58256	202.07016	217.12214	233.33982	244.86762
6251140.22	160.18909	171.88854	182.00119	188.01585	194.53147	209.43664	229.20283	241.05621	251.87736
6251090.22	170.77258	188.87724	202.67852	212.82266	226.35021	245.42767	261.47841	274.50504	280.67265
6251040.22	196.96708	214.96472	232.41936	244.04970	251.62884	256.28091	256.23586	257.39545	265.11653
6250990.22	197.08129	193.71261	209.97913	228.37930	240.11446	248.83384	255.68507	264.58348	280.11338
6250940.22	184.47467	198.31268	213.52590	225.27528	236.51312	242.59092	247.50083	240.21623	245.37947
6250890.22	175.08459	185.68090	190.24653	198.51986	208.13060	241.78251	285.02695	318.33417	339.39139
6250840.22	171.27968	196.87420	234.18746	268.76064	296.20152	310.31807	307.39573	284.72260	265.61402
6250790.22	249.13164	272.41709	280.39314	275.83522	258.29071	225.19814	226.60872	222.95343	238.69555
6250740.22	244.89445	229.88055	204.20803	190.10109	190.70345	203.92774	216.60412	224.91877	248.44902
6250690.22	159.11300	174.28922	179.35718	191.77685	192.88533	198.65166	234.44808	289.32720	399.20334
6250640.22	176.34165	180.96207	168.58322	186.44101	226.88058	274.45887	376.67496	443.62469	494.11803
6250590.22	158.67764	190.77603	231.71837	279.44281	373.92698	420.81337	473.80388	522.19244	560.26717
6250540.22	196.76487	242.91834	342.25891	402.44516	458.23663	482.20616	464.29769	460.53411	472.73807
6250490.22	285.42538	347.49277	407.68701	450.66131	476.34802	477.22186	439.71186	386.54063	318.26976
6250440.22	346.08656	398.18257	424.73809	427.96593	405.29134	362.51006	304.23155	264.76693	300.83052
6250390.22	363.34768	381.50017	371.42441	336.60565	285.51930	240.23374	262.10462	314.58269	376.96729
6250340.22	325.89763	307.23954	269.09709	221.47818	241.28281	256.83025	323.76683	373.66511	390.24052
6250290.22	244.90215	207.43699	219.71405	239.01668	271.08185	329.31042	367.32241	372.48399	339.49558
6250240.22	199.00546	221.52265	234.16203	281.80259	331.19056	358.64636	354.50363	316.55275	249.33436
6250190.22	220.46286	236.16655	289.31492	330.11056	348.12241	336.44496	295.23475	237.43764	233.45252
6250140.22	247.19597	294.07556	326.57992	336.13471	318.47933	275.20323	229.04987	224.81327	215.38871
6250090.22	296.52055	321.24630	323.73269	301.05656	256.02489	220.66362	216.48802	204.56704	249.93278
6250040.22	314.73880	310.70803	284.33762	237.52435	212.80274	208.38392	194.18141	238.72146	280.81342

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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: DIESP ***
INCLUDING SOURCE(S): STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 332073.56	332123.56	332173.56	332223.56	332273.56	332323.56	332373.56	332423.56	332473.56
6251990.22	289.03859	248.46351	358.27540	528.44915	435.02634	245.10678	97.78824	97.42517	89.02327
6251940.22	229.68089	297.74628	274.74167	358.54369	541.75659	443.50509	252.45219	107.50167	105.17118
6251890.22	129.05091	216.62678	300.06162	298.64210	356.39993	553.75921	452.19018	260.15256	117.06369
6251840.22	276.53699	173.15271	198.87693	292.69920	314.49700	349.27508	565.39791	459.00087	262.18654
6251790.22	334.11997	319.11522	223.89598	173.84302	276.36519	325.26172	343.19212	574.07785	463.55182
6251740.22	208.21173	311.36583	347.67356	280.74063	166.44325	261.01460	332.99159	337.81182	588.49947
6251690.22	132.64266	156.34859	271.62928	354.92296	334.53499	224.89806	236.80264	333.18732	337.80270
6251640.22	133.34564	147.99682	156.69249	215.87481	336.00068	376.56593	294.15553	214.72509	328.88915
6251590.22	131.81430	135.82559	146.60734	156.65257	164.48370	293.14242	392.34665	362.98479	229.85708
6251540.22	402.49079	290.00003	178.53717	151.38511	164.19611	174.93206	232.72025	374.02468	416.52749
6251490.22	455.65706	511.74072	493.74681	402.50435	273.96789	167.73156	181.61305	192.11817	322.95788
6251440.22	173.90832	247.01169	365.21648	479.05043	538.67167	509.20344	397.56049	252.00943	182.77346
6251390.22	570.93984	450.92601	336.11220	210.27253	244.31880	373.90454	498.50015	563.18424	521.49645
6251340.22	1140.32472	1099.71090	1021.96468	923.21015	785.52734	622.25042	448.92662	304.58175	376.90087
6251290.22	871.43276	998.35481	1115.45353	1226.36243	1316.02649	1334.24081	1292.59715	1205.97579	1057.64466
6251240.22	225.69267	332.14329	415.97747	520.77262	666.23587	818.73226	966.39176	1150.30723	1327.02459
6251190.22	253.76474	260.73111	272.52916	278.80075	305.24208	306.38266	306.64764	324.63583	340.63278
6251140.22	260.43167	268.49737	279.76930	294.36966	310.79756	314.42265	331.08123	356.41095	380.41531
6251090.22	286.31252	291.81127	305.00982	317.23644	322.22541	332.16196	348.96453	362.85895	389.31436
6251040.22	267.55941	275.74417	299.83588	298.71230	306.11251	318.64408	336.64688	370.30062	446.94793
6250990.22	285.69049	284.93086	292.56446	289.81242	353.26921	402.23184	421.04432	404.00502	426.24723
6250940.22	290.78567	335.95288	367.58322	373.31669	347.42377	341.33085	354.04441	357.11394	383.44589
6250890.22	341.66347	313.60218	303.38988	300.44545	289.43318	304.05119	351.41258	550.69298	653.27166
6250840.22	264.24361	257.99921	273.92058	281.82377	330.68866	462.53293	607.12197	702.18922	715.25668
6250790.22	250.34504	258.02758	329.58140	457.84441	531.41655	594.59271	683.00328	675.85576	584.02524
6250740.22	311.22213	430.79508	508.04444	571.96748	600.09194	582.56088	525.79801	460.19249	414.89143
6250690.22	470.20323	531.78131	570.41244	572.93997	531.00867	444.55745	336.62614	422.82005	449.09255
6250640.22	530.00636	541.01336	514.32926	450.38097	359.27761	360.56087	426.15133	408.94823	314.32612
6250590.22	492.54492	439.07870	363.10594	294.91263	377.88901	421.20699	386.78086	292.42971	280.29022
6250540.22	409.46407	285.03712	318.24352	386.49477	409.22487	365.32814	275.06608	272.39806	328.63142
6250490.22	288.68959	366.94124	400.80235	394.33427	344.60338	267.22400	263.76446	320.21109	338.21162
6250440.22	376.20149	421.66773	399.38178	326.54112	268.16364	262.47268	310.37930	335.52925	293.01780
6250390.22	406.93696	390.26579	313.92934	258.04912	258.96884	322.35666	339.25661	300.27287	219.22222
6250340.22	364.30047	299.63467	255.99384	244.79880	305.22960	341.30154	325.59227	242.06420	230.85861
6250290.22	273.77757	254.12763	240.19706	289.94405	337.97807	326.35506	268.24723	235.02517	254.83427
6250240.22	243.27687	237.78193	289.78940	328.70548	331.95645	280.86306	226.54731	262.83466	278.13977
6250190.22	226.32587	275.33210	319.14797	323.56157	282.78017	211.75103	237.92108	256.78640	247.94426
6250140.22	262.12222	305.61891	314.82700	282.93691	218.57503	223.38344	243.57937	229.89556	233.73113
6250090.22	292.82879	305.88634	281.59870	225.61448	210.13920	238.58606	238.04889	211.40128	242.31927
6250040.22	296.82641	279.07834	230.79232	194.14616	220.47037	243.55990	224.02029	230.87501	236.47087

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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: DIESP ***
INCLUDING SOURCE(S): STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 332523.56	332573.56	332623.56	332673.56	332723.56	332773.56	332823.56	332873.56	332923.56
6251990.22	259.95280	420.92683	282.83432	202.22858	449.04887	596.52648	546.48318	382.62873	294.18001
6251940.22	102.31315	346.19273	415.35224	189.17883	298.56032	634.00757	628.39862	356.82611	327.10977
6251890.22	107.65128	200.11019	424.52771	343.83097	208.12907	570.90075	652.97703	397.98255	365.68036
6251840.22	115.54878	107.16239	295.43115	449.31631	236.50502	423.71244	648.89800	540.65166	395.72407
6251790.22	265.28422	125.09811	146.62988	396.88819	405.20654	257.00310	677.86626	663.89925	409.44893
6251740.22	474.89113	173.28125	133.87253	230.29757	467.89733	301.25807	575.47177	719.43958	401.81779
6251690.22	603.52162	484.98833	166.07628	130.50836	344.65169	466.76695	387.62659	714.44614	518.09692
6251640.22	358.13647	614.37209	489.79138	157.86343	165.14310	457.57263	378.56684	720.19625	689.38231
6251590.22	316.32082	382.04419	629.38515	499.59378	155.00501	273.65954	512.40117	563.87849	792.53350
6251540.22	310.25344	328.41334	409.76873	644.51784	509.36818	156.20507	411.94463	462.78117	788.39389
6251490.22	438.40887	393.51268	342.79041	441.91910	663.11359	521.25903	198.69764	526.59548	754.51829
6251440.22	250.39396	417.63374	460.94845	365.97164	492.28973	680.86886	533.56802	335.64247	540.94657
6251390.22	386.16250	223.86517	355.80112	490.29080	425.39993	543.19086	699.57794	545.29804	502.29875
6251340.22	520.14652	589.20774	529.79600	367.86249	463.88471	504.19294	330.49659	711.78794	551.64421
6251290.22	874.47940	656.83949	440.51668	543.78341	615.31879	535.58635	543.19425	438.03178	724.28304
6251240.22	1498.61109	1609.07140	1621.53951	1521.89247	1306.47935	1007.31497	672.38414	641.55827	748.06561
6251190.22	467.48755	632.48854	840.30531	1092.93045	1382.36322	1673.95281	1901.62292	2126.63014	2486.21261
6251140.22	418.88874	438.86716	450.71718	454.11517	438.90845	509.73280	630.72970	629.61667	891.17332
6251090.22	413.69126	446.15789	480.92001	547.81165	528.79385	442.07577	407.67159	469.76648	822.00675
6251040.22	480.37408	461.80424	497.31703	484.69879	491.81307	622.59478	632.95988	706.19424	422.06857
6250990.22	430.72384	428.46150	525.48971	646.33789	708.98695	662.55635	630.36395	435.78375	482.06538
6250940.22	556.81211	655.07026	707.90519	693.58016	596.26798	554.73107	415.51312	311.12402	705.36909
6250890.22	718.13381	713.60553	633.22065	557.17548	484.73006	357.53329	290.14969	351.83368	642.24114
6250840.22	664.18206	550.33890	548.23789	420.95927	350.84209	341.04630	304.57665	607.01140	390.00139
6250790.22	451.22499	524.66037	421.99966	350.24352	369.01838	307.55995	277.69283	670.37782	335.61692
6250740.22	488.81255	395.71502	342.62881	388.34810	318.09365	299.72610	493.68017	499.58771	349.78058
6250690.22	338.95697	305.28244	367.01803	342.54044	304.65677	285.37919	637.78563	356.18499	338.18218
6250640.22	293.22420	355.05501	329.11406	272.51278	267.07171	383.31772	568.75474	350.29009	308.85345
6250590.22	334.76923	331.11198	251.46068	265.16397	268.66272	566.01268	370.96560	358.42430	280.38445
6250540.22	337.18298	264.34846	253.08945	249.93174	291.65865	590.16744	318.37389	325.72081	253.64646
6250490.22	281.42385	246.94359	258.89761	259.21450	479.43688	451.24126	314.59212	302.52580	237.14049
6250440.22	234.31562	257.35436	245.14503	260.81274	570.71127	356.43582	327.19368	282.88467	222.94299
6250390.22	246.76318	253.22094	258.18386	393.06841	505.78626	323.79524	304.67384	248.42277	220.52403
6250340.22	255.46878	239.42980	255.35869	523.52200	347.13762	284.13593	281.95911	219.25661	220.83797
6250290.22	241.57739	254.14912	316.05875	527.78402	341.11514	292.93287	274.10965	209.00851	218.68557
6250240.22	242.74147	248.24072	460.87791	415.28535	325.33513	285.46931	253.19560	211.24966	216.63336
6250190.22	256.13706	250.82845	519.08032	282.49911	268.62102	267.90347	219.38462	203.56875	210.15427
6250140.22	249.93939	395.22303	460.46693	329.18571	280.74119	255.09075	204.75541	203.75040	209.65693
6250090.22	233.35551	486.53122	331.46187	324.18147	274.02445	236.91825	194.18412	201.44180	190.59475
6250040.22	329.49343	479.12247	270.47047	277.99539	257.57641	218.70197	191.31742	208.57482	180.72498

♀ *** AERMOD - VERSION 15181 *** *** C:\Proj\Star\NOx.isc *** 03/17/17
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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: DIESP ***
INCLUDING SOURCE(S): STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 332973.56	333023.56	333073.56	333123.56	333173.56	333223.56	333273.56	333323.56	333373.56
6251990.22	271.53573	316.25403	329.07959	287.89183	374.21056	400.05958	464.62842	350.89708	649.96195
6251940.22	264.41008	331.67885	323.24220	285.09840	405.59107	435.88041	509.21955	464.84830	794.15741
6251890.22	261.31576	352.94174	341.55289	285.31118	458.26047	466.16210	491.24534	651.60201	875.62910
6251840.22	263.79446	375.00770	361.93604	322.80564	480.48299	511.76603	425.77744	833.68911	851.28388
6251790.22	275.66515	397.56491	384.33789	361.48206	474.94122	588.12769	640.20220	949.15889	710.04891
6251740.22	334.14428	420.22861	409.01887	414.39665	527.25587	582.73186	870.23360	933.12274	502.70940
6251690.22	390.60957	442.47191	436.26986	502.25201	570.08726	608.71353	1034.61197	763.76691	560.51264
6251640.22	436.54443	463.56488	466.41643	558.72343	681.23276	897.92604	1033.75657	540.88717	605.91728
6251590.22	461.86521	482.58393	499.80874	592.05634	701.06658	1133.82124	825.75337	657.69042	804.00767
6251540.22	465.42421	499.37008	547.92481	678.91283	906.38697	1160.72424	678.82233	735.38765	893.27619
6251490.22	692.36219	513.56000	599.73952	787.61918	1247.19864	897.76478	726.92996	971.13262	841.41667
6251440.22	866.06775	585.15262	646.92086	887.50666	1344.48437	643.22642	1003.78324	865.59796	507.75069
6251390.22	916.11754	643.28875	698.41029	1401.40819	1008.11216	1045.56855	887.39876	525.28180	471.88390
6251340.22	829.99959	661.95745	906.43502	1608.75128	1139.54968	1066.50005	510.63536	513.13478	393.33104
6251290.22	635.95230	1102.57104	1871.61373	1667.88972	1215.54714	582.40072	531.87709	329.78242	252.25092
6251240.22	881.12991	1192.63447	2273.09675	1577.87458	606.64946	602.76471	640.23865	644.09181	629.85020
6251190.22	1763.81356	953.34520	628.85047	766.45296	476.12068	390.93441	391.66347	415.46684	414.66857
6251140.22	948.24796	756.73003	504.07002	287.21883	320.74372	359.42365	414.11733	420.29358	407.79770
6251090.22	645.02955	604.34412	605.65176	529.40577	480.70493	317.32268	359.01366	372.75020	352.99402
6251040.22	763.07096	341.56704	897.43352	774.08512	425.88230	372.23551	346.88042	333.15598	324.93592
6250990.22	550.96078	330.34805	759.73812	614.64416	465.57824	410.54111	396.34802	347.09620	400.05247
6250940.22	280.88271	358.27874	545.83473	756.68871	535.08927	437.27938	405.64282	451.34977	423.47181
6250890.22	258.62153	363.88728	562.62783	702.81511	568.07214	496.86194	453.71949	386.76377	397.89538
6250840.22	297.05152	355.10150	536.86058	601.75192	739.58619	537.66936	483.80914	410.31744	338.78042
6250790.22	317.47150	341.93883	533.23081	435.28717	752.28349	556.47997	498.52832	448.30385	350.84094
6250740.22	316.39528	326.88700	534.94766	410.18632	557.05981	586.23996	493.83837	432.17042	400.21118
6250690.22	303.24148	310.05197	537.15643	374.80573	390.63114	572.64508	511.77506	458.03629	422.77154
6250640.22	284.91457	292.64777	534.26641	358.49646	382.86438	488.99617	517.73727	433.60787	406.01996
6250590.22	265.30112	275.78070	527.89248	340.29047	361.89987	370.47124	505.96950	460.18306	414.92634
6250540.22	246.32290	259.62606	526.06836	336.86558	330.25055	359.75673	493.22918	529.46990	380.65642
6250490.22	231.35664	250.09115	523.69284	360.54498	302.01103	342.43794	434.74937	575.77417	418.48595
6250440.22	231.05169	240.71678	516.82725	376.91133	299.59854	322.92454	325.83948	526.09759	479.35685
6250390.22	224.07826	233.95409	509.91925	377.04303	307.20839	305.59380	310.04741	432.92653	511.61683
6250340.22	213.70093	229.13647	500.27141	367.26549	302.58396	286.12759	302.58495	321.23013	481.79848
6250290.22	203.85388	224.05460	491.87975	359.88097	287.01873	263.22106	284.55031	265.14122	405.65154
6250240.22	189.13642	219.65001	484.05783	353.43960	272.69523	256.80933	259.98408	256.07539	300.98403
6250190.22	188.27753	215.44848	475.76926	344.01742	261.53171	262.27972	251.94224	243.26298	236.28285
6250140.22	190.72214	211.58086	468.05118	335.92173	252.41716	262.43726	240.64546	228.41352	213.76486
6250090.22	183.52985	207.95901	460.46831	325.46031	255.12771	257.83196	226.94442	211.57668	204.23675
6250040.22	171.98456	204.47410	452.84229	316.75152	255.00587	251.62222	211.61855	213.70188	192.53871

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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: DIESP ***
INCLUDING SOURCE(S): STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 333423.56	333473.56	333523.56	333573.56	333623.56	333673.56	333723.56	333773.56	333823.56
6251990.22	812.06898	615.53488	379.52774	427.65615	435.90199	602.40417	630.32664	593.14444	564.26966
6251940.22	783.29555	467.54898	413.52628	461.59780	577.29836	664.43436	601.25161	590.62870	611.76462
6251890.22	663.15935	393.96934	475.59932	536.36598	692.50241	614.65448	609.18290	640.98148	558.50274
6251840.22	481.20769	491.52057	486.57086	703.49841	646.76196	638.70188	661.71280	564.21135	594.83499
6251790.22	466.61354	544.59794	698.61249	707.37841	667.23234	688.03280	556.68334	633.68067	604.36964
6251740.22	550.30417	649.82826	764.78117	694.54298	712.59490	552.02756	300.82533	608.09434	463.15823
6251690.22	580.40790	804.02534	724.53424	736.52409	543.66102	301.88731	305.09431	428.60430	302.06112
6251640.22	823.16263	760.66907	758.05277	521.81194	306.55109	332.98552	334.05825	305.39196	257.52476
6251590.22	804.85790	785.76726	505.05434	326.32308	355.65377	330.19538	299.28107	242.24282	176.77908
6251540.22	814.32202	481.53713	371.55596	361.07910	339.47907	282.57682	214.63265	186.43951	167.91876
6251490.22	473.53645	401.10603	386.50273	342.86251	262.25632	202.94166	180.75573	175.54355	179.86993
6251440.22	418.16152	408.45370	326.52545	227.57687	192.85573	196.60678	201.75565	197.35232	198.86688
6251390.22	415.09502	296.29687	206.22817	215.09137	208.80939	212.81204	231.02905	247.58939	244.04649
6251340.22	245.79530	229.72346	220.62071	230.22496	246.07742	249.00319	264.47048	310.74670	350.03490
6251290.22	321.71241	385.49153	438.80452	479.08558	508.64434	523.54642	526.74286	522.47305	505.67091

6251240.22	599.93911	559.13220	512.59001	464.36944	418.91008	374.89722	353.24901	356.55581	339.17482
6251190.22	398.15295	373.60214	352.93485	350.18104	352.81924	358.17141	372.04909	400.91078	399.96063
6251140.22	395.62123	389.78596	383.86058	378.73484	381.73244	383.73925	390.85523	427.01482	426.41146
6251090.22	319.45822	284.94962	257.04479	266.37721	289.54499	282.96689	290.56267	330.29769	337.51736
6251040.22	307.81882	281.70792	273.09511	269.27081	259.49085	233.94828	213.47104	206.18769	204.13431
6250990.22	321.53000	266.10497	244.63800	249.31486	250.66066	253.52708	257.87688	249.88557	222.74234
6250940.22	376.86089	311.41375	271.34003	246.74838	250.68844	228.70752	248.01144	276.54810	277.24903
6250890.22	376.16606	352.96155	315.58454	277.73333	290.02448	263.85573	255.23699	283.44096	289.07725
6250840.22	373.78771	350.97452	323.44248	332.20770	316.83374	296.55299	302.49698	356.40303	402.79277
6250790.22	315.19312	341.39613	332.68181	296.81129	307.30863	299.40109	282.94191	366.31318	439.18070
6250740.22	307.04365	286.66963	306.08946	329.20530	312.37234	301.60677	297.84864	296.25689	355.88725
6250690.22	350.48010	266.50776	301.95752	308.82287	352.37747	339.80856	300.34870	309.61466	277.30895
6250640.22	376.67528	315.61517	266.69818	299.73386	287.00020	333.37803	335.04743	292.11133	246.92171
6250590.22	366.41522	318.84992	280.06880	254.35648	288.58108	275.69888	302.86405	318.86008	254.74612
6250540.22	372.13359	326.89503	307.72108	271.09966	241.81887	263.75871	256.63728	254.12119	289.15150
6250490.22	386.00975	329.33672	341.95293	288.32386	239.13541	202.36579	236.36087	242.83120	212.34280
6250440.22	345.06589	359.33442	328.28215	326.41787	269.44559	239.67826	207.30704	230.95193	237.38268
6250390.22	378.85392	349.64285	322.70324	316.97776	313.89714	249.64053	222.35563	194.43532	225.48042
6250340.22	420.90456	305.00649	325.90459	279.74681	304.77909	278.88807	223.57880	208.35940	184.90012
6250290.22	439.39970	330.62849	304.36380	291.69221	254.04079	285.04327	255.21821	208.28441	191.01845
6250240.22	416.25509	363.21904	272.93957	293.00614	265.95738	259.60580	276.06094	227.63235	194.34233
6250190.22	357.19308	383.67338	293.20274	262.50937	265.80115	251.69096	257.59136	254.21071	198.23841
6250140.22	299.76793	370.08962	307.90104	237.95806	253.36559	238.72344	222.25332	245.31588	224.76891
6250090.22	239.87771	325.37743	325.92438	250.28403	217.62925	232.69169	226.05851	202.06823	229.16869
6250040.22	188.63490	274.31604	315.07865	257.45334	204.32131	213.58539	208.19355	206.54809	202.89119

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: DIESP ***
INCLUDING SOURCE(S): STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	333873.56	333923.56	333973.56	334023.56	334073.56	334123.56	334173.56	334223.56	334273.56
				X-COORD (METERS)					
6251990.22	584.02900	530.65102	483.04598	530.78586	509.30633	433.37439	332.92419	248.15833	232.52826
6251940.22	541.48420	518.81684	554.89394	514.70379	421.42482	311.11127	256.27968	227.82567	203.80980
6251890.22	556.23440	575.82552	513.15971	402.34912	275.25533	256.19381	215.39467	203.56398	173.49864
6251840.22	592.90369	504.70152	376.66823	281.98785	246.80729	219.33861	192.96843	153.32704	127.65442
6251790.22	488.35430	345.23602	278.24472	236.47547	211.95577	172.80707	137.38614	134.96528	130.56110
6251740.22	308.38345	267.73022	229.89028	193.07279	149.49007	144.12312	138.59158	136.87479	126.89994
6251690.22	265.69838	217.54742	165.48812	153.54129	149.29103	144.61235	130.77856	122.34941	118.80799
6251640.22	188.06744	164.19827	156.31727	152.45172	139.44855	127.91675	135.18242	143.39547	148.21155
6251590.22	164.91472	155.88332	143.09073	140.75245	156.67789	163.03038	153.60306	148.08846	139.89121
6251540.22	156.68485	148.15689	153.47474	154.73052	167.12437	157.90816	148.10261	154.81182	153.81552
6251490.22	168.99266	165.36325	145.39701	158.02597	186.10356	172.78949	153.30723	159.54998	152.58931
6251440.22	181.45699	186.80713	178.15042	181.23580	189.62206	163.26182	150.16689	149.77740	153.01125
6251390.22	217.44806	183.05544	177.24527	215.26249	244.71923	255.54837	263.69209	303.76776	322.55340
6251340.22	379.34989	386.77496	395.73216	408.36258	412.21280	397.63484	392.32115	385.77272	369.70904
6251290.22	479.78863	426.19437	392.65371	372.62802	348.58118	323.05455	295.98042	269.78633	244.61911
6251240.22	319.03530	295.48450	287.76400	284.53982	276.97844	267.83845	258.97048	249.19806	239.40624
6251190.22	400.92098	393.35751	377.41499	364.99699	348.82170	330.90592	315.16454	301.79751	282.73553
6251140.22	419.54962	410.76941	393.45229	377.39446	360.69857	344.53099	329.88567	313.28390	293.86502
6251090.22	335.90495	330.15161	322.04568	312.60701	303.13145	293.62430	281.91109	270.95754	255.70665
6251040.22	191.66800	198.28570	200.60089	201.46012	200.13703	196.29337	183.24132	173.89690	174.66113
6250990.22	176.82150	165.34925	160.38651	160.40169	152.07702	134.33249	117.33819	114.42734	108.28478
6250940.22	239.69691	205.27059	197.52817	171.07687	146.86745	136.43941	130.04346	126.10227	116.45886
6250890.22	298.86875	242.62309	222.52605	198.55586	185.90093	172.21844	141.05827	134.25896	130.96456
6250840.22	411.31486	359.59964	304.74318	258.54046	208.90449	172.21512	147.72806	154.09556	147.59685
6250790.22	449.74217	434.90345	384.91647	349.65238	305.06846	259.04856	214.21290	172.60123	136.67470
6250740.22	390.82276	438.15635	426.50229	392.64071	367.60476	332.19837	287.62127	231.26883	165.16169
6250690.22	322.71239	368.90712	393.64223	399.52264	388.89753	365.77013	333.32809	302.90198	237.10071
6250640.22	239.01037	244.12203	298.17710	333.03339	353.70366	355.53264	340.81010	328.49664	303.23727
6250590.22	241.55389	206.37094	229.64729	227.11577	268.61988	297.06355	310.27873	319.91738	298.00608
6250540.22	214.77611	207.50068	222.19482	230.51692	211.35027	203.22402	234.31836	253.43803	270.70116
6250490.22	191.70568	191.59293	204.91730	204.56938	213.35684	211.15677	184.91610	175.33307	210.62908
6250440.22	193.41438	199.63495	223.49501	213.84510	180.62395	186.51644	174.79959	153.05995	148.08997
6250390.22	214.79521	190.99397	192.33169	203.01614	200.48251	174.40883	158.86202	167.90696	157.62052
6250340.22	204.06113	207.89097	181.20011	150.29532	174.43586	176.10396	154.21354	139.00965	144.43804
6250290.22	165.74331	191.11891	190.05177	162.95257	137.35489	156.08445	148.91150	128.88694	132.47930
6250240.22	174.54992	151.80813	172.18725	171.17203	156.01531	133.27720	138.75932	132.34772	134.37241
6250190.22	180.08834	154.32661	137.27948	154.43167	161.49146	149.43029	125.91408	116.63377	119.80544
6250140.22	170.10379	158.23907	133.77337	125.34033	146.58894	149.04985	138.95667	117.56820	105.81697
6250090.22	187.43087	147.54940	140.39487	128.45674	119.35783	133.66546	137.67748	122.24079	103.85562
6250040.22	199.48447	160.41397	134.24497	129.95632	118.96946	112.59350	118.24009	107.45272	104.93333

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: DIESP ***
INCLUDING SOURCE(S): STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	334323.56	334373.56	334423.56	334473.56	334523.56	334573.56
				X-COORD (METERS)		
6251990.22	198.61875	186.11924	163.45718	135.12199	112.06983	101.41554
6251940.22	186.00322	149.29992	122.54649	107.52986	104.73341	101.56482
6251890.22	138.33072	116.72341	113.25173	109.50365	108.90380	103.57611
6251840.22	125.84056	119.30804	118.57889	111.72326	106.36540	98.16485
6251790.22	129.07803	120.39802	114.52267	103.91080	104.55484	103.86935
6251740.22	120.65715	111.18372	112.17863	121.38247	126.31408	126.91230
6251690.22	128.41421	136.78367	138.95822	136.01289	128.48906	118.29355
6251640.22	147.88190	139.53050	128.26896	115.51337	113.24406	110.03514
6251590.22	135.60920	124.93351	129.27936	127.18729	120.87747	113.39296
6251540.22	148.76184	133.78455	131.46363	123.47501	113.85962	103.67224
6251490.22	135.53339	129.83577	127.42831	131.68789	130.90148	134.49633
6251440.22	174.40902	195.92777	213.72421	213.85311	211.16951	234.67485
6251390.22	337.09461	345.14301	332.60565	311.37272	296.52308	284.37370
6251340.22	364.26857	336.13353	305.15959	285.65563	267.42832	235.02034
6251290.22	224.05320	198.62257	190.53093	185.89381	181.21443	174.47751
6251240.22	229.79457	220.22311	211.61825	203.11444	194.92108	181.61925
6251190.22	270.51279	261.39518	248.65482	227.28231	208.69990	213.55872
6251140.22	278.19963	267.33165	255.68220	243.09790	230.82283	217.37691
6251090.22	243.92907	235.02301	224.75649	214.40001	205.26949	193.44029
6251040.22	177.94862	171.96751	166.28215	161.47627	156.19306	149.04670
6250990.22	117.65577	124.33351	118.30587	109.29853	102.42679	101.74039
6250940.22	114.63365	110.61278	104.35051	103.93958	101.82622	99.73302
6250890.22	121.79264	115.94909	119.26812	115.64962	110.86630	106.76764
6250840.22	118.99409	114.35057	121.55605	117.59092	113.27348	110.49461
6250790.22	122.27457	114.44329	123.61528	125.56755	122.81712	103.77872
6250740.22	160.63195	139.54487	128.31413	138.74837	131.06353	119.31975
6250690.22	222.70815	197.55390	168.65614	131.51721	126.70811	118.01476
6250640.22	260.30940	214.33764	217.02701	173.67488	147.14812	123.50595
6250590.22	254.68269	240.95602	249.04528	206.79886	178.04269	156.70863
6250540.22	282.38754	276.34816	259.96243	234.25987	211.00318	188.71094
6250490.22	227.77356	236.90092	241.82307	234.50230	223.80753	205.20972
6250440.22	168.14600	178.34978	195.70458	205.16772	206.37683	200.24982
6250390.22	139.95335	143.18057	141.91212	156.14349	164.87768	170.13837
6250340.22	144.51675	135.38251	128.85342	124.31067	120.71247	129.67275
6250290.22	129.34684	120.71312	129.37404	132.71251	120.97103	107.13893
6250240.22	119.48969	110.78725	123.50464	129.73431	128.50292	118.79139
6250190.22	114.51877	112.97740	106.96436	107.13067	116.27228	118.07492
6250140.22	106.28195	104.49226	108.90768	106.04762	91.82303	100.91490
6250090.22	96.79754	96.88230	100.13155	106.12056	97.17195	90.62552
6250040.22	99.43972	96.35368	97.04114	95.51603	92.91180	92.77412

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: DIESP ***

INCLUDING SOURCE(S): STCK5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
333127.00	6250815.00	523.07012	333032.00	6250831.00	402.07268
333010.00	6250890.00	265.37838	332939.00	6251028.00	490.97705
332953.00	6251077.00	513.63994	332905.00	6251107.00	509.18962
332884.00	6251143.00	684.81550	332987.00	6251153.00	1020.31504
332985.00	6251107.00	717.19281	332985.00	6251107.00	1516.84852
333288.00	6251156.00	445.13323			

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: DIESC ***
INCLUDING SOURCE(S): STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 331623.56	331673.56	331723.56	331773.56	331823.56	331873.56	331923.56	331973.56	332023.56
6251990.22	267.46105	269.97264	214.69942	136.58156	113.21428	184.51793	254.28436	259.48513	235.59511
6251940.22	181.08793	256.63129	290.07438	256.14559	177.33121	100.75259	174.64107	255.52907	280.09125
6251890.22	80.17627	146.69699	231.74528	294.11251	291.50960	223.11343	134.94284	162.51882	250.80196
6251840.22	78.74488	83.93465	112.27113	195.72255	279.93640	313.77873	269.18643	177.52019	149.51458
6251790.22	77.49062	82.86738	90.84316	97.24316	154.82249	248.85769	316.17732	306.53348	224.24652
6251740.22	79.83761	84.05175	90.67866	98.26831	103.73224	114.31276	203.07224	295.19908	328.40152
6251690.22	84.68310	82.20113	87.74304	93.42255	99.61969	104.11758	108.99451	155.06982	257.73750
6251640.22	191.23711	127.07207	93.15119	87.94449	94.83907	101.95698	109.56706	115.81551	121.44769
6251590.22	392.50823	346.48896	270.45474	188.00521	117.75195	101.41586	105.78866	115.05404	123.46569
6251540.22	330.25483	400.31157	436.06494	422.97017	360.42322	268.98698	176.75061	117.95165	117.26779
6251490.22	122.45946	182.64534	263.45449	354.23535	431.37261	467.63744	443.79951	364.92698	259.00420
6251440.22	113.31652	112.16131	116.40225	124.42279	184.23187	272.88363	372.82934	456.26238	490.89512
6251390.22	540.39913	448.00206	361.77933	122.47489	132.16478	140.40094	149.04726	180.12551	275.61699
6251340.22	876.18300	845.99290	798.22017	731.38188	652.69200	561.31669	463.70941	370.70622	281.22974
6251290.22	771.98288	840.32831	897.06773	942.86729	972.22020	978.43206	963.81064	935.48448	848.72746
6251240.22	364.03045	433.85070	507.37657	589.93577	684.04652	777.59602	877.27573	978.68446	1058.86065
6251190.22	135.47354	145.31973	153.71490	159.50820	165.57124	171.32096	348.43886	431.53366	524.74882
6251140.22	150.35859	164.23609	176.49668	183.33449	191.04401	208.00698	228.51165	236.94738	240.24663
6251090.22	152.38010	166.33020	178.27471	186.65247	198.26824	215.38784	233.51096	240.96818	245.56250
6251040.22	158.13980	172.00730	188.15676	200.08402	211.34604	224.33027	236.86242	245.84071	256.02763
6250990.22	171.84104	185.60939	200.43413	213.97665	224.09911	232.70392	240.36433	249.15232	261.62578
6250940.22	166.57579	176.52290	187.05960	195.77486	204.20556	214.95952	227.91223	234.85957	250.03508
6250890.22	167.26738	182.00454	193.77643	204.86109	217.27428	229.98735	238.09675	240.62231	246.88913
6250840.22	173.37872	184.46178	190.17920	194.93864	199.18311	206.25770	223.74326	266.15639	303.06504
6250790.22	174.67540	179.01733	184.23989	220.73533	257.17173	282.79526	297.36751	294.22231	271.48858
6250740.22	210.73510	238.97817	260.20725	270.39764	266.41114	247.07587	233.82706	234.83352	230.17816
6250690.22	242.70489	238.70664	222.70295	197.86806	199.63970	197.08343	208.48966	220.15068	226.72009
6250640.22	177.22073	165.99846	176.12335	177.86428	192.57207	200.68358	204.40067	257.35108	305.63825
6250590.22	165.97215	173.53372	179.59331	186.18596	203.11240	246.16638	333.57382	399.62529	474.50813
6250540.22	154.12114	170.46674	195.24644	253.60718	325.26925	369.82182	402.10665	446.82418	513.60445
6250490.22	172.74481	211.81540	303.13828	375.43370	433.89431	468.31418	469.42576	473.32402	477.29047
6250440.22	253.19376	314.14779	379.36880	448.26452	487.48582	495.27141	473.30553	419.68714	346.46618
6250390.22	307.82185	357.23054	404.10099	444.63084	434.03643	393.95401	335.82210	266.46983	298.15170
6250340.22	337.59022	360.38705	367.88712	360.25432	317.91501	259.01336	261.71442	314.05564	382.11827
6250290.22	320.29253	310.33837	280.02191	243.73117	239.06809	255.74350	325.09919	379.95851	400.42826
6250240.22	245.98301	219.67621	212.15215	238.36292	269.34941	331.80411	374.29787	382.50376	349.86264
6250190.22	184.53643	216.29898	234.57195	281.35711	334.71639	365.91127	364.00165	325.83498	255.96110
6250140.22	213.15661	233.80709	290.05077	334.37293	355.47126	345.29907	303.38125	243.54293	240.50639
6250090.22	243.06319	295.77057	331.52918	343.64635	326.70308	282.40335	234.50948	231.10488	223.44379
6250040.22	292.35269	326.51650	330.92638	308.77616	262.67838	225.88053	222.51835	212.49271	260.99613

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: DIESC ***
INCLUDING SOURCE(S): STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 332073.56	332123.56	332173.56	332223.56	332273.56	332323.56	332373.56	332423.56	332473.56
6251990.22	388.70159	500.74894	375.14182	226.35356	86.25666	85.66085	82.03507	85.89313	94.63567
6251940.22	244.48963	394.99927	517.51736	381.62896	227.46144	91.81291	90.16732	83.91863	98.73353
6251890.22	296.12607	253.21938	399.35682	527.58935	383.88824	154.73945	97.11204	96.00716	93.31495
6251840.22	240.78935	301.63737	266.20072	392.07222	534.91097	385.65987	149.89380	102.86022	95.64811
6251790.22	126.92838	213.89714	296.68625	285.38011	389.34881	545.95942	389.57837	143.36748	104.79388
6251740.22	271.63526	168.09735	195.58504	294.43826	308.52402	390.00133	559.76335	394.71865	138.71334
6251690.22	331.36668	316.40334	222.37866	178.91554	278.74184	320.34722	386.36228	572.76475	399.21397
6251640.22	208.86644	313.06739	347.03957	276.62329	163.24777	261.84474	331.39954	384.61943	588.32278
6251590.22	130.06434	156.12608	270.01937	354.72836	334.00355	223.08475	241.85107	337.22784	381.95506
6251540.22	127.31868	136.50266	144.10875	218.67618	338.92336	377.41190	292.51255	218.70562	334.72114
6251490.22	159.34701	131.38204	142.74332	152.78014	162.62303	296.34452	394.41799	362.06734	227.38736
6251440.22	456.73694	362.48104	243.84046	154.34540	161.04465	169.49408	235.59602	376.99599	416.79489
6251390.22	386.72880	480.22172	515.71348	469.79933	357.35825	223.85204	173.34443	183.89172	326.13292
6251340.22	181.68480	188.66588	276.29201	401.54432	512.44440	550.84537	476.65544	342.47455	196.83889
6251290.22	740.72712	623.88028	493.41756	371.67936	274.03807	284.11700	410.11508	527.15721	560.77791
6251240.22	1117.26974	1145.74343	1127.99188	1072.86023	1029.20191	891.41233	676.19450	506.49914	344.19079
6251190.22	629.15688	742.68433	874.46541	1002.58199	1172.69089	1265.87156	1311.37759	1352.86135	1305.77884
6251140.22	245.64756	250.49364	257.41521	289.57132	378.05352	474.86455	610.48473	787.03450	989.83448
6251090.22	250.55324	256.27370	268.11760	279.88514	286.36022	297.05052	314.27981	330.06522	357.58905
6251040.22	262.02533	271.03317	287.44443	293.10461	305.18492	317.80285	332.42977	354.96512	392.25826
6250990.22	269.16968	273.52700	281.11919	284.85633	289.76867	295.64696	320.51305	362.93157	413.43369
6250940.22	263.12095	270.86862	277.49103	280.50160	289.46995	336.23763	396.45341	429.12358	441.60630
6250890.22	255.71360	270.92334	318.88819	352.60260	359.71894	333.85504	356.90481	405.67165	395.16016
6250840.22	323.54440	323.92984	299.12870	303.62162	301.67961	292.39088	320.23352	375.51570	545.47750
6250790.22	270.54521	270.70007	262.58009	271.08978	276.32511	335.05983	488.12330	610.55997	626.62562
6250740.22	241.29818	251.41596	278.94291	338.65007	456.49652	514.81175	546.99077	559.48680	486.17007
6250690.22	268.83923	327.21838	447.21681	507.69387	539.75079	535.26705	488.18442	405.63564	385.12854
6250640.22	415.84537	477.44775	521.01547	532.92479	497.21408	424.79076	328.06037	397.78420	420.17755
6250590.22	486.02951	502.27487	486.68666	434.76128	351.34648	327.79672	401.83109	382.66065	291.12351
6250540.22	525.62641	427.22715	356.55441	273.78764	348.19601	396.81932	363.59647	272.74829	265.20614
6250490.22	403.69775	310.36713	299.05791	360.41160	386.02950	344.88698	259.59771	259.02724	310.65532
6250440.22	281.47271	343.55260	383.56134	379.03204	333.62346	259.86621	251.85206	304.43423	310.59944
6250390.22	379.68105	403.32154	375.77066	311.15700	257.75230	257.52189	302.31220	311.26841	259.41068
6250340.22	417.15735	379.57343	298.34884	244.02919	246.10348	300.15159	326.28344	276.22291	214.99334
6250290.22	375.49781	294.14850	242.13633	238.34536	296.44712	322.35793	296.91946	215.43080	228.34356
6250240.22	281.40410	249.95985	239.64504	288.80304	328.77204	309.13895	234.59141	229.43076	264.85973
6250190.22	250.61845	244.20194	300.09692	331.08893	319.28698	254.63575	218.37996	240.29397	243.31473
6250140.22	234.58244	288.11588	329.22608	326.56820	273.91918	212.40902	224.09417	228.27961	216.33413
6250090.22	273.96003	315.38895	318.61719	278.57779	203.96259	213.90885	228.19747	213.38566	232.32468
6250040.22	302.27515	310.24243	278.74278	216.19495	219.54502	228.58119	220.73935	216.05975	231.44089

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: DIESC ***
INCLUDING SOURCE(S): STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 332523.56	332573.56	332623.56	332673.56	332723.56	332773.56	332823.56	332873.56	332923.56
6251990.22	99.41959	90.03734	164.68172	501.29399	546.81881	485.15549	335.93704	276.45349	236.23055

6251940.22	101.68913	99.15022	91.12325	377.28203	597.63893	572.11792	316.60556	293.25373	234.07924
6251890.22	98.48836	102.87385	102.93185	239.14998	593.71946	618.68979	341.68751	326.25355	235.18731
6251840.22	96.27578	107.75922	110.53629	131.11076	495.97108	598.33793	469.86755	350.48142	233.79517
6251790.22	97.81251	110.06028	119.04331	111.84044	342.80717	648.67547	592.37801	361.28098	254.36524
6251740.22	115.79882	112.01253	128.05562	121.88254	196.39441	621.07379	670.48043	354.84398	303.12429
6251690.22	133.67999	123.42214	125.78486	134.86488	128.79339	483.36616	666.11013	440.00110	349.25447
6251640.22	404.68749	133.93963	119.86521	139.46572	138.65413	300.68812	705.18434	600.04874	386.09987
6251590.22	604.52907	410.17938	140.39555	137.96909	155.98038	154.06368	641.25127	723.02512	406.02237
6251540.22	378.25679	621.34206	415.47953	146.07448	156.00236	157.90334	454.31595	746.97588	402.22591
6251490.22	323.16125	385.62355	638.68002	420.52772	151.97749	171.61681	247.46495	765.64931	584.19882
6251440.22	307.65130	338.51479	416.63234	660.60961	428.14525	166.21148	175.56137	647.60088	769.29091
6251390.22	439.97625	391.33433	357.09694	453.55371	678.27430	433.25819	185.78883	413.79832	848.00688
6251340.22	252.92071	420.38128	459.45072	372.31245	493.94935	693.76625	440.87407	199.31061	863.28880
6251290.22	481.98926	325.04415	362.93629	492.49338	418.63942	570.53477	727.42795	445.67772	672.65194
6251240.22	421.78941	555.78590	587.20993	482.54216	472.90055	505.01268	340.86351	742.75903	443.99548
6251190.22	1209.63637	1040.57600	787.14765	533.32218	580.40847	606.05945	536.13329	430.55588	954.78418
6251140.22	1227.75223	1468.85896	1646.74272	1748.38254	1713.73529	1555.18095	1248.87499	972.59124	729.89923
6251090.22	397.18170	433.83360	444.03853	597.76276	832.46030	1135.84657	1482.40447	2359.29491	2677.11331
6251040.22	436.16902	450.71179	450.16701	478.66953	557.77645	537.94429	513.42110	528.11391	852.88852
6250990.22	444.84262	486.26706	474.64946	494.50648	469.96638	446.20392	500.20992	719.82782	567.04282
6250940.22	466.36106	470.96864	451.00563	512.71518	612.99050	595.93612	616.72531	374.83353	726.24725
6250890.22	415.35492	560.34320	574.68897	576.75681	570.16628	542.24786	424.74679	359.79639	637.40854
6250840.22	654.69113	679.95280	576.66833	539.62596	466.30411	384.45076	293.94162	626.65907	366.55673
6250790.22	591.74910	524.44558	533.67606	398.10410	314.66393	277.29865	271.67427	678.86634	263.39658
6250740.22	384.51589	503.41702	354.52482	310.65001	291.75014	268.55076	508.97573	481.60753	263.99259
6250690.22	458.63216	328.34229	287.92823	313.88198	260.79702	230.99142	650.32096	320.21885	285.18697
6250640.22	311.76184	279.60177	311.81682	256.60069	248.37063	392.67392	561.59556	302.50661	283.61538
6250590.22	269.63264	313.51221	280.14843	251.17028	234.70277	581.37682	345.27449	309.17464	277.79811
6250540.22	314.14633	295.73794	240.74627	236.51450	297.16157	593.84427	281.17975	280.25135	255.40602
6250490.22	305.93806	226.57023	237.72694	236.61732	493.16184	437.23959	297.26737	257.39515	238.27304
6250440.22	244.68917	233.30838	232.65932	243.32860	580.68054	287.79878	304.24989	235.54327	222.66865
6250390.22	226.67087	239.60384	235.72739	403.46368	500.57717	262.82579	280.02561	208.36340	206.74864
6250340.22	235.89620	225.30413	242.78082	535.51474	330.54444	277.63963	258.54866	199.23446	192.72711
6250290.22	234.82060	236.40480	322.98240	529.74018	283.22913	282.03014	247.40563	193.07077	189.17205
6250240.22	223.45830	238.76122	472.11733	404.08154	249.23946	270.75416	222.75262	192.69650	189.06646
6250190.22	240.59112	255.00110	525.59872	262.44341	265.84587	249.91229	190.92531	193.70810	182.79274
6250140.22	241.85337	404.21072	455.45265	277.60077	273.71993	235.69360	182.06881	196.49100	177.90142
6250090.22	225.08376	495.61230	317.89229	248.63496	262.24564	217.09648	180.98181	193.48945	164.04929
6250040.22	337.99152	482.11821	249.97867	247.96733	243.25909	197.20399	185.08085	194.47033	157.84324

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: DIESC ***
INCLUDING SOURCE(S): STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	332973.56	333023.56	333073.56	333123.56	333173.56	333223.56	333273.56	333323.56	333373.56
				X-COORD (METERS)					
6251990.22	306.48252	270.70088	313.90007	273.89877	385.30430	374.79705	445.86089	282.38203	553.74148
6251940.22	312.52296	276.30986	313.97914	298.07205	416.87624	398.17064	455.19653	403.39947	673.43959
6251890.22	325.89265	284.56005	316.67569	333.58257	421.05850	421.04948	411.09891	553.96683	748.29407
6251840.22	339.23529	293.18983	318.22918	371.13408	403.73383	501.66470	373.20613	702.01589	745.33721
6251790.22	351.66422	302.19773	318.45101	410.93542	441.69491	529.06686	544.41306	803.84821	650.97251
6251740.22	362.72057	311.58861	317.17875	470.52843	473.14743	483.74881	727.44234	811.74100	486.10013
6251690.22	371.84165	321.36586	317.79220	497.83187	563.22136	520.24150	866.63161	702.39273	444.62483
6251640.22	378.38297	338.29349	342.73443	487.15560	620.77817	745.42787	891.88435	503.37038	533.05827
6251590.22	381.60596	371.06640	411.22936	544.47697	578.25897	936.99093	762.97470	540.00902	544.65988
6251540.22	381.06463	408.43992	509.06556	626.78255	749.01176	990.59367	538.81877	592.56013	796.56358
6251490.22	376.12035	452.01413	574.84296	736.04171	1013.86249	835.49974	641.51152	770.58803	782.60736
6251440.22	429.67840	497.77024	627.36367	737.47276	1135.93773	657.69275	693.93935	877.93561	758.05745
6251390.22	471.18400	546.14181	682.57752	1127.68161	958.78946	721.88452	950.79789	775.45110	445.11147
6251340.22	533.57578	599.64198	875.99910	1364.13128	690.99024	986.38668	788.00658	461.85469	425.56801
6251290.22	793.83096	657.97007	1217.49058	1104.29495	1012.38129	895.41305	467.89293	469.40898	382.43535
6251240.22	1066.71331	907.67153	1738.07814	1098.33486	1061.81977	513.61642	502.77814	342.40089	235.62537
6251190.22	1110.12028	1487.18158	1661.62436	1343.83349	592.56011	471.07577	263.14882	253.04483	258.36906
6251140.22	645.85736	1135.17487	1340.76854	606.66553	253.17186	268.16939	351.72700	391.13745	401.96476
6251090.22	977.04319	632.84514	225.62923	189.84274	306.27839	382.54467	410.97496	404.90190	394.02619
6251040.22	791.96711	482.15258	415.61113	357.39471	315.86824	353.00761	343.68330	333.53180	338.72234
6250990.22	578.36272	812.71591	686.27753	500.76447	325.00631	308.74995	307.91520	323.93195	321.07838
6250940.22	410.66598	1122.89519	748.69625	484.51613	369.63683	354.69728	333.73081	348.71550	285.50517
6250890.22	302.83760	624.59510	739.84647	588.83051	427.99301	370.19418	448.19672	418.84317	357.42984
6250840.22	313.15405	536.88896	790.92139	590.37727	490.56064	414.05830	363.43287	395.47735	375.95629
6250790.22	519.31856	634.83911	593.15678	724.41457	541.38211	486.70047	406.37855	341.34055	358.27858
6250740.22	473.87499	565.07558	586.86461	763.81427	603.97741	541.07922	475.40199	336.51226	304.99336
6250690.22	427.37343	511.34017	556.09657	565.83793	715.92812	533.52758	477.26371	431.52171	324.01505
6250640.22	386.93679	459.65836	546.82109	595.20399	712.09912	558.10385	496.72574	448.22778	372.11170
6250590.22	364.43913	435.65841	504.57700	614.61768	569.53758	618.81897	465.63262	436.49685	386.25669
6250540.22	340.70881	441.16238	491.63957	586.92412	438.46404	642.65781	502.00524	430.36615	360.47684
6250490.22	321.71715	432.14444	454.13983	531.06583	508.17146	567.54993	567.74988	389.85225	389.13511
6250440.22	297.20896	417.73588	412.37294	472.67784	552.99990	425.18763	518.45362	416.00577	390.34152
6250390.22	278.26162	398.45791	376.74319	475.06282	561.66729	349.17944	541.41462	440.25734	352.09510
6250340.22	258.61982	388.79194	364.53483	463.45268	530.56254	394.49250	428.49819	538.32721	394.34036
6250290.22	240.41592	375.27202	342.47700	432.72232	473.53204	438.06464	342.00008	485.05059	392.88572
6250240.22	222.83064	365.24668	322.12025	401.07993	393.07506	463.95754	295.35385	405.36378	392.03865
6250190.22	209.47675	354.69205	296.60832	358.67378	345.57953	458.99192	291.99005	330.39583	362.48601
6250140.22	168.68460	348.61638	276.50369	331.77499	341.36967	427.50341	323.96134	255.84760	350.74481
6250090.22	163.80504	343.62075	282.31525	293.19046	330.21130	375.32197	341.92811	236.97001	309.65828
6250040.22	154.75732	345.03333	296.86487	259.59661	312.91309	313.08188	353.50727	222.28441	239.53750

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: DIESC ***
INCLUDING SOURCE(S): STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	333423.56	333473.56	333523.56	333573.56	333623.56	333673.56	333723.56	333773.56	333823.56
				X-COORD (METERS)					
6251990.22	699.19184	561.57991	360.29496	355.46174	398.55827	464.92470	591.56506	539.16328	562.85117
6251940.22	689.36942	449.07147	332.43114	407.71748	421.42328	591.18618	570.14733	568.90622	526.34567
6251890.22	606.75719	379.19616	404.76800	421.04889	581.81905	611.82157	568.14308	539.41831	602.72573
6251840.22	467.64294	399.72642	447.62910	554.40753	655.01681	589.65696	546.35763	616.97389	533.43705
6251790.22	394.24269	476.60937	514.89782	673.25476	604.21312	569.41076	617.83662	527.27607	573.22253
6251740.22	461.36299	467.08133	679.00555	628.46907	590.11117	639.91434	502.83562	572.70874	584.41177
6251690.22	505.20717	658.51905	687.17559	611.45431	662.63755	510.18352	575.94789	580.20174	456.55637
6251640.22	616.44072	741.11325	632.10088	669.16280	483.32950	276.60404	527.33587	403.02719	300.25232
6251590.22	782.41999	664.15751	693.43995	462.65365	278.23423	305.65315	313.21583	295.09937	259.04572
6251540.22	701.82030	715.13415	447.15582	300.26603	330.27689	307.05125	282.35912	242.40954	170.23819
6251490.22	737.52645	424.66816	340.97295	343.55395	319.87975	273.64333	210.26360	179.91467	170.93080
6251440.22	417.66337	375.09084	354.19683	321.20058	257.02176	194.16661	182.01305	160.92575	171.88009
6251390.22	387.93520	378.23797	315.09533	229.15243	196.21671	170.58803	187.62126	192.61130	189.91302
6251340.22	390.84324	294.01850	210.86030	197.28103	205.45355	196.76755	186.94535	206.10344	230.24638
6251290.22	254.74236	222.36969	212.14742	189.37628	206.71083	214.61615	216.07915	217.55144	212.90639
6251240.22	220.26439	223.61933	228.33813	230.94658	228.28117	235.98153	253.40007	286.16209	300.04331
6251190.22	274.37765	306.65797	318.22590	322.67753	325.60604	326.49429	328.75971	354.20869	351.37368
6251140.22	393.56292	377.78320	357.39266	337.27355	322.24588	307.11465	294.64361	336.34293	338.59319
6251090.22	382.05578	371.79128	364.12298	358.04163	362.83013	349.56511	346.92770	425.68221	425.94249
6251040.22	336.98815	325.98386	325.31723	334.08837	349.26873	335.43488	331.86376	381.41122	401.41329
6250990.22	307.63059	275.30392	253.92568	236.77752	214.50632	216.07933	227.62806	252.77951	275.31538
6250940.22	264.57711	260.09134	257.05675	246.18885	230.91973	217.81513	207.56891	199.29045	209.96671
6250890.22	286.93921	251.80118	262.43167	246.64081	250.06538	247.83224	242.44981	256.12981	283.77345
6250840.22	335.29077	345.65605	308.60291	260.01016	235.45922	225.38373	236.14399	263.44186	311.31077
6250790.22	333.59756	332.75257	316.60327	298.11055	284.93891	276.95320	259.05604	253.62333	290.56980
6250740.22	332.69265	300.38000	292.42301	293.80054	289.39204	289.26251	303.97806	323.81839	365.24711
6250690.22	282.58913	302.19622	322.98415	282.49018	295.61922	284.49285	282.49967	346.57312	400.64018
6250640.22	265.49949	271.99011	330.13726	365.13775	319.39198	288.76996	285.23282	282.51079	366.13640
6250590.22	314.17445	226.74548	253.38615	275.87669	313.99737	300.10173	271.69765	296.57724	283.32655
6250540.22	339.33383	274.22992	227.52655	264.58797	252.71062	275.78764	282.44011	246.78239	286.81944
6250490.22	366.68380	310.51289	250.66431	223.34836	242.08150	220.99259	237.67921	265.69011	288.29538
6250440.22	357.07702	337.02175	292.29425	231.77743	220.99506	246.18987	226.86189	216.25595	293.53174

6250390.22	380.65205	319.77347	313.77487	265.16564	222.97458	216.24921	233.18882	217.91636	227.66856
6250340.22	356.81462	331.72987	298.40042	275.82024	240.75312	203.61957	196.45753	223.96140	234.66930
6250290.22	304.69982	336.93289	285.82737	280.25224	253.89810	217.06844	193.23838	182.14497	209.08144
6250240.22	335.17832	315.10798	309.38144	253.74533	263.62401	233.61410	198.60020	184.11783	169.83911
6250190.22	343.75586	282.95988	308.57404	269.67255	241.97150	252.47573	213.23602	190.10749	168.15399
6250140.22	351.49333	307.28240	271.34216	278.98644	238.55173	232.71361	228.22046	191.68058	171.06294
6250090.22	321.71125	308.41224	243.29187	264.42224	244.44303	208.74871	223.13477	202.46656	172.88368
6250040.22	298.19402	299.78430	261.17281	223.68829	244.43075	216.65581	192.16569	209.88104	193.11385

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: DIESC ***
INCLUDING SOURCE(S): STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 333873.56	333923.56	333973.56	334023.56	334073.56	334123.56	334173.56	334223.56	334273.56
6251990.22	505.58859	551.31616	509.97161	434.22373	485.85540	480.81028	425.96837	333.04901	213.72555
6251940.22	575.79801	517.04268	467.84527	512.33872	492.92707	422.67327	328.50041	235.16250	217.44144
6251890.22	529.01286	502.03164	536.16878	499.59128	413.08520	309.19286	248.72752	222.94283	189.85601
6251840.22	537.11002	556.36415	499.66797	396.78417	265.97035	251.38830	214.45668	195.81560	168.91984
6251790.22	572.89189	492.76750	373.75005	275.57551	245.07762	212.81492	192.59597	155.27764	127.76249
6251740.22	478.70022	345.04916	275.27603	235.95872	210.13351	176.78908	142.16737	129.49643	126.05299
6251690.22	302.77860	264.68172	230.88711	196.20968	156.00423	138.58290	132.99854	134.52854	128.29104
6251640.22	264.62865	221.10638	172.82905	147.93940	144.31827	145.50570	135.93960	129.07075	116.90423
6251590.22	206.36462	158.16811	151.24621	153.56006	142.54111	134.91373	124.59456	131.84245	142.65355
6251540.22	161.75857	157.79042	143.08553	132.66543	141.09425	153.41102	155.55637	155.21223	147.44955
6251490.22	156.15092	145.00116	149.94043	165.44607	169.68196	159.76164	142.72845	146.63911	147.51792
6251440.22	179.64364	180.57950	170.32764	161.75536	177.03905	168.40319	155.86473	161.86862	154.24195
6251390.22	193.62211	183.06588	173.98061	194.76112	189.95823	164.59939	145.32285	147.78276	136.34497
6251340.22	234.56437	207.76755	189.52170	178.27062	165.65826	166.98252	171.80414	174.20264	173.54360
6251290.22	222.29342	221.87887	224.98150	230.62882	238.67483	236.76060	231.22783	223.76694	214.92257
6251240.22	316.39256	296.34041	287.37319	284.09632	276.94967	266.28889	250.52852	236.02639	221.14221
6251190.22	337.04056	310.51840	292.85767	279.90298	260.46757	240.05205	222.42686	206.88118	199.98311
6251140.22	349.34762	346.84535	336.60388	324.84051	312.83740	300.34473	287.37010	274.64496	261.73686
6251090.22	420.98776	408.05225	391.47851	375.11126	358.71927	342.27718	326.29813	310.21028	293.46846
6251040.22	393.39178	383.84828	370.92480	357.34201	343.16658	328.57848	305.56489	286.84831	277.49857
6250990.22	278.92202	276.42739	271.98436	266.24992	258.48974	243.78964	226.48271	220.95518	212.53242
6250940.22	204.68095	195.84190	192.16992	185.60232	172.62664	158.90414	151.49822	150.23465	147.06200
6250890.22	237.32201	210.49022	184.68702	157.86603	154.83337	152.12319	144.41913	140.87673	135.73165
6250840.22	287.18452	262.22904	246.90623	216.51833	179.73156	158.89691	141.72809	138.78893	132.78973
6250790.22	277.66417	259.09169	262.66389	245.06711	213.03225	189.58339	175.42426	163.15466	131.46560
6250740.22	333.87595	351.13950	298.76271	239.78130	219.73094	199.22835	191.71385	146.56274	115.48119
6250690.22	430.01385	417.42921	381.12741	341.46408	289.96722	249.25122	202.19143	181.15670	146.64181
6250640.22	381.49256	428.59799	414.64055	384.18597	350.76800	304.90699	245.14925	231.40643	215.66294
6250590.22	286.50869	348.41599	370.36257	369.22657	370.94197	348.15877	308.94707	297.16801	272.31477
6250540.22	250.14397	241.06870	259.45915	291.47469	319.61492	328.48502	325.57163	324.17528	301.95790
6250490.22	216.65215	220.97406	243.31342	224.39445	230.65725	259.73714	294.81632	299.49061	303.26600
6250440.22	266.27613	227.29465	236.93861	240.41241	222.48447	193.93183	220.48916	246.15596	262.87350
6250390.22	257.14865	262.60627	237.92464	207.75131	220.24603	212.26539	187.05432	171.49150	194.49310
6250340.22	204.96920	232.78076	242.67848	212.30825	186.54037	191.01212	188.00064	171.62562	158.82114
6250290.22	224.58779	195.59330	199.54612	206.13705	203.97317	183.94637	157.65885	150.72992	171.15458
6250240.22	198.68482	209.67801	183.01586	166.38543	188.19315	195.91382	178.72575	138.96771	149.17999
6250190.22	161.46181	195.95051	190.15386	169.74927	144.38459	169.46843	177.60072	160.10168	135.73147
6250140.22	170.18078	157.57260	173.24488	177.70391	161.82651	133.21944	146.24311	156.32464	148.46132
6250090.22	174.56773	155.36360	140.58997	162.44410	165.73944	150.64392	125.69002	116.85322	121.06354
6250040.22	163.69032	157.76910	143.11938	128.73439	148.26465	149.13693	137.49104	107.38104	101.68848

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: DIESC ***
INCLUDING SOURCE(S): STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 334323.56	334373.56	334423.56	334473.56	334523.56	334573.56
6251990.22	209.41922	187.99382	163.54392	159.36174	139.96093	114.31819
6251940.22	186.98746	169.38877	151.93402	127.14759	108.29522	94.52014
6251890.22	176.44732	144.99027	120.90009	101.46399	96.67665	96.23732
6251840.22	136.81020	111.52779	105.53674	104.95556	103.74266	100.58596
6251790.22	116.16284	114.79304	114.22060	109.74197	104.46315	98.42057
6251740.22	126.17587	120.31767	114.27108	105.69768	98.51022	98.55553
6251690.22	123.29606	113.57877	109.71386	109.05008	116.85292	120.77842
6251640.22	116.88984	125.47297	131.47830	133.07659	129.54335	122.11290
6251590.22	145.54283	138.30438	132.88882	123.43218	110.07974	101.88335
6251540.22	134.73075	122.68750	123.03107	120.08419	115.24503	109.25534
6251490.22	140.92901	133.26023	131.06507	122.45166	110.22194	104.89165
6251440.22	141.58781	132.50493	121.40994	114.77613	116.51811	122.39021
6251390.22	141.07873	144.03702	145.42957	143.28293	140.30524	138.65393
6251340.22	171.65137	171.81850	170.57068	165.58573	158.65307	162.69051
6251290.22	206.91966	195.52754	188.00087	181.14972	168.20013	169.32303
6251240.22	207.09731	194.03179	181.61635	174.46381	172.37784	170.32749
6251190.22	193.75632	185.09892	179.99777	175.13330	168.23892	160.53347
6251140.22	249.34068	237.11805	224.81964	211.86347	200.22623	187.08700
6251090.22	277.84920	263.27389	248.74945	233.84952	221.16862	205.98852
6251040.22	269.41496	255.76741	241.27730	227.99924	215.62522	201.35194
6250990.22	213.14677	205.46499	195.48620	186.66825	178.09102	165.82873
6250940.22	144.60559	140.58116	137.23979	131.93951	126.09657	117.23761
6250890.22	125.89542	119.88898	120.28913	115.85300	110.03326	104.41698
6250840.22	124.15985	117.09287	116.03654	114.28789	109.78415	102.05060
6250790.22	129.31989	126.11961	121.56054	118.58412	118.58978	112.82056
6250740.22	122.58350	125.12965	133.09762	122.84990	114.34699	109.05054
6250690.22	135.39295	133.49904	145.40947	147.38184	134.90319	121.04126
6250640.22	181.45148	144.05255	139.38078	150.05119	140.37718	129.21039
6250590.22	222.44520	197.68007	161.51101	139.75394	134.45293	128.83898
6250540.22	268.02338	238.61302	193.88808	161.98210	137.06150	114.77162
6250490.22	277.34769	250.91695	227.28073	198.58306	177.21579	145.48018
6250440.22	266.18504	255.18744	243.32161	223.54983	199.07381	173.96315
6250390.22	216.36815	222.23133	225.76446	222.69609	210.13408	191.78475
6250340.22	152.54825	172.83301	184.89530	188.30172	191.73287	188.87684
6250290.22	158.27933	134.92349	134.65605	137.50181	147.71782	156.01505
6250240.22	150.34468	147.67709	139.01952	122.35910	112.46543	112.51874
6250190.22	121.83200	134.72161	140.75183	133.53049	120.41446	104.34343
6250140.22	124.65344	106.44581	120.42479	128.62746	124.37317	115.79511
6250090.22	121.88853	114.88598	108.65200	104.97096	112.24523	113.80573
6250040.22	108.28868	114.49446	115.11339	103.95797	95.24112	96.93167

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: DIESC ***
INCLUDING SOURCE(S): STCK4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
333127.00	6250815.00	638.88106	333032.00	6250831.00	524.78048
333010.00	6250890.00	585.51827	332939.00	6251028.00	688.45042
332953.00	6251077.00	989.14215	332905.00	6251107.00	2537.91461
332884.00	6251143.00	798.09551	332987.00	6251153.00	938.42747
332985.00	6251107.00	893.88392	332985.00	6251107.00	1940.05919
333288.00	6251156.00	305.07152			

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NGDP ***
INCLUDING SOURCE(S): STCK1 , STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 331623.56	331673.56	331723.56	331773.56	331823.56	331873.56	331923.56	331973.56	332023.56
6251990.22	80.15727	143.80180	227.19656	289.70262	288.78055	222.15872	134.26063	155.26640	241.39774
6251940.22	83.77563	86.90737	109.76011	191.34865	275.42564	310.68632	267.92088	177.02841	143.70720
6251890.22	83.23741	87.98837	92.94114	95.71151	151.13993	244.72712	314.01687	307.21485	226.27290
6251840.22	85.19180	89.68509	93.67136	98.46353	103.06501	112.34101	202.52693	296.45801	331.61493
6251790.22	84.01610	88.16090	94.75150	99.13675	105.69115	111.92059	117.90234	155.86154	259.12980
6251740.22	150.29964	99.85136	97.69920	97.47978	104.43381	112.87013	116.37640	120.97075	126.12910
6251690.22	361.14954	297.51326	218.79666	145.86072	107.12675	104.48219	113.08557	120.09110	128.04514
6251640.22	374.70937	423.40026	427.80914	384.41884	304.23017	212.02073	132.78180	115.27804	125.53417
6251590.22	163.10590	238.98927	326.48418	409.06232	459.48289	457.28116	398.92807	302.80407	199.52055
6251540.22	103.77280	112.38295	118.88775	166.41401	247.45984	344.37446	435.72556	489.45431	477.45092
6251490.22	420.13256	342.36963	114.98196	124.37662	133.57497	142.71252	163.18685	249.74731	356.03375
6251440.22	835.12871	779.73202	701.97929	623.03436	535.02124	435.87232	341.79572	156.00681	165.75908
6251390.22	911.67204	955.02833	978.78906	993.19109	982.60478	940.07568	876.88677	790.05992	684.54427
6251340.22	526.77360	606.26974	691.72221	779.54499	870.31930	955.28015	1029.87890	1096.25630	1135.56562
6251290.22	119.98545	124.79814	128.84067	306.22899	370.58239	445.98594	535.93468	645.56489	754.40578
6251240.22	142.52203	152.43090	159.92488	168.27211	178.85809	187.46415	197.77108	209.89451	217.80159
6251190.22	148.81953	161.35145	173.17436	182.25499	192.31807	202.74300	217.72327	233.86202	245.30466
6251140.22	160.89568	172.58804	182.68063	188.65392	195.12585	209.55167	229.30978	241.15237	251.96216
6251090.22	171.32872	189.46905	203.30103	213.46879	227.01842	246.11765	262.18599	275.20579	281.35696
6251040.22	197.05806	215.05181	232.50240	244.12850	251.70324	256.35077	256.30104	260.05340	265.73969
6250990.22	197.17194	193.79945	211.19800	229.66993	241.47567	250.26553	257.19654	266.17827	281.79529
6250940.22	186.67735	200.72360	216.16751	228.16335	239.66807	246.02424	251.23415	244.25237	249.74971
6250890.22	179.00585	189.99752	194.97350	200.57710	210.48289	242.61079	285.88639	319.22469	340.31476
6250840.22	173.98282	197.77306	235.12418	269.73768	297.22151	311.38268	308.50698	285.88197	266.30524
6250790.22	250.17985	273.51737	281.53848	277.03199	259.54359	226.37991	228.15471	226.25673	243.01522
6250740.22	246.12740	231.16978	205.55635	192.15593	192.41778	209.22419	222.78709	232.10545	249.30660
6250690.22	160.02945	175.26259	180.39138	192.10151	199.80315	206.53978	235.52194	290.69294	401.06841
6250640.22	176.76802	181.39578	175.42494	186.58126	228.22460	276.24594	379.16827	447.18008	499.15844
6250590.22	158.85476	190.95733	233.38194	281.69309	377.03839	425.10876	479.67074	529.96044	573.01691
6250540.22	196.79852	245.50888	345.84640	407.39305	464.59779	490.16421	477.36767	477.55645	494.48207
6250490.22	289.15572	352.43099	414.10126	461.24821	490.16447	494.44188	460.15258	410.12230	344.64043
6250440.22	351.95046	408.06356	437.70566	444.80176	426.21281	386.07083	328.59832	265.02649	300.83297
6250390.22	374.71605	395.47189	387.97484	355.77974	306.49206	249.02535	262.45514	314.58657	376.97289
6250340.22	339.42524	321.87779	284.22881	236.75167	241.65607	256.83550	323.77277	373.67424	390.26888
6250290.22	256.70532	218.94990	220.10785	239.45548	271.08933	329.31907	367.33641	372.52769	339.67578
6250240.22	199.41908	221.97671	234.67291	281.81299	331.20281	358.66661	354.56442	316.78401	250.08427
6250190.22	220.97485	236.17935	289.32901	330.12739	348.15055	336.52499	295.50822	237.55564	235.88731
6250140.22	247.21274	294.09410	326.60242	336.17332	318.58213	275.52190	229.19517	227.24008	218.52726
6250090.22	296.54429	321.27532	323.78108	301.18185	256.40006	220.84942	218.88007	207.71561	249.94072
6250040.22	314.77459	310.76791	284.48265	237.91706	213.71564	210.71546	197.18738	238.73163	280.82538

♀ *** AERMOD - VERSION 15181 *** *** C:\Proj\Star\NOx.isc *** 03/17/17
*** AERMET - VERSION 15181 *** *** NO2 *** 17:07:31
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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NGDP ***
INCLUDING SOURCE(S): STCK1 , STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 332073.56	332123.56	332173.56	332223.56	332273.56	332323.56	332373.56	332423.56	332473.56
6251990.22	291.87142	251.84213	358.41122	528.57982	435.15173	245.34350	100.01115	99.37161	91.99060
6251940.22	231.74032	300.74565	278.42021	358.66943	541.87877	443.62277	252.69044	109.53199	106.95388
6251890.22	129.09252	217.87894	303.41496	302.59880	356.51815	553.87379	452.30014	260.39394	118.82618
6251840.22	276.57046	173.19279	201.40379	296.38503	318.86857	349.38596	565.50480	459.10271	262.42579
6251790.22	334.14991	319.14666	223.93574	176.80354	280.55964	330.13762	343.29516	574.17644	463.64498
6251740.22	208.23930	311.39323	347.70269	280.77975	166.51303	265.75636	338.40647	337.90639	588.59134
6251690.22	134.41553	156.37335	271.65361	354.94930	334.57301	224.96971	242.07458	339.15077	338.03307
6251640.22	135.71304	150.09090	158.42804	215.89560	336.02388	376.60251	294.22756	220.59483	335.41377
6251590.22	132.24873	138.53947	148.98397	158.58951	166.01595	293.16251	392.38149	363.05521	229.97246
6251540.22	402.91446	290.42437	178.96149	154.21242	166.50134	176.69563	232.73736	374.05729	416.59385
6251490.22	456.10760	512.19342	494.20066	402.95839	274.42129	170.52875	183.71368	193.62981	322.98765
6251440.22	174.38318	247.49278	365.70278	479.54211	539.16171	509.68985	398.04471	252.49110	183.58821
6251390.22	571.08297	451.06675	336.25013	210.64204	244.84757	374.43235	499.02184	563.70358	522.01206
6251340.22	1140.46682	1099.85031	1022.10096	923.34290	785.65688	622.37664	449.04928	304.70229	377.45824
6251290.22	871.57375	998.49290	1115.58819	1226.49317	1316.15379	1334.36828	1292.71894	1206.09306	1057.75508
6251240.22	225.72524	332.28012	416.11058	520.90145	666.36005	818.85518	966.51164	1150.42076	1327.12998
6251190.22	254.11692	261.00375	272.73167	278.94356	305.33820	306.44219	306.68180	324.65377	340.73315
6251140.22	260.50526	268.55985	279.82108	294.41134	310.82993	314.44659	331.09812	356.42216	380.42219
6251090.22	286.97388	292.44157	305.60140	317.78012	322.71171	332.58520	349.32129	363.14759	389.53819
6251040.22	268.16669	276.33184	300.39990	299.24630	306.61198	318.65965	336.65852	370.45345	447.06124
6250990.22	287.45466	286.77344	294.48338	290.26530	353.71297	402.66148	421.42714	404.01189	426.25604
6250940.22	291.46753	336.64866	368.29075	374.03265	348.14375	341.40160	354.14410	357.26685	383.76071
6250890.22	342.62035	314.59011	303.67417	300.83036	290.86708	305.84964	351.85113	551.12611	653.69681
6250840.22	265.16548	260.53243	277.21284	285.76608	331.27183	463.13697	607.78278	703.02393	716.43677
6250790.22	255.35278	262.19494	330.33597	458.71556	532.52429	596.15977	685.38273	679.60381	589.66397
6250740.22	312.23383	432.09326	509.85312	574.63285	604.09865	588.49119	534.19466	475.29996	414.89156
6250690.22	472.87944	535.69405	576.07723	580.88633	541.63980	463.30105	361.39294	422.89236	449.25083
6250640.22	536.97696	550.26862	529.94551	471.24324	385.96318	360.56125	426.31327	409.29837	314.44584
6250590.22	509.31946	460.75596	389.77922	304.36504	377.88995	421.51070	386.82181	292.67149	281.31766
6250540.22	435.66026	313.30068	318.24450	386.49696	409.72176	365.41074	275.48196	273.83713	328.63160
6250490.22	288.90456	366.94306	400.80703	394.36012	344.74821	267.88109	265.59990	320.21142	338.21252
6250440.22	376.20475	421.67694	399.42833	326.76858	269.11472	264.66390	310.37987	335.53032	293.02681
6250390.22	406.95389	390.34260	314.25747	259.30100	261.45313	322.35761	339.25803	300.28030	220.38444
6250340.22	364.42279	300.08267	257.55683	247.48750	305.23110	341.30353	325.59911	242.11970	231.26786
6250290.22	274.39073	256.02848	243.02353	289.94632	337.98087	326.36164	268.29020	237.37099	254.83790
6250240.22	245.52642	240.73815	289.79266	328.70940	331.96343	280.89643	228.75710	262.83865	278.15175
6250190.22	229.47187	275.33662	319.15333	323.56956	282.80726	213.86201	237.92604	256.79498	247.98722
6250140.22	262.12829	305.62606	314.83657	282.96061	218.69406	226.00938	243.58802	229.91792	236.52282
6250090.22	292.83811	305.89813	281.62081	225.70436	212.62684	238.59604	238.06565	211.94658	247.08176
6250040.22	296.84093	279.10066	230.86127	196.62560	220.48214	243.57623	224.05824	234.43838	243.34125

♀ *** AERMOD - VERSION 15181 *** *** C:\Proj\Star\NOx.isc *** 03/17/17
*** AERMET - VERSION 15181 *** *** NO2 *** 17:07:31
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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NGDP ***
INCLUDING SOURCE(S): STCK1 , STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 332523.56	332573.56	332623.56	332673.56	332723.56	332773.56	332823.56	332873.56	332923.56
6251990.22	263.21822	425.08956	287.28351	207.68843	449.16470	596.64761	546.59081	385.79317	301.33052
6251940.22	105.11601	350.39965	420.18027	193.85285	298.67109	634.12320	628.50111	359.90380	334.13363
6251890.22	109.14032	204.24235	429.55452	349.03007	215.60632	571.01237	653.07405	398.08313	372.50381
6251840.22	116.98290	108.99472	300.45520	454.95162	241.75648	423.82157	649.01347	540.74607	402.26373
6251790.22	265.52319	126.81310	151.47954	402.75996	411.04328	257.10815	677.97677	663.98713	413.69386
6251740.22	474.98032	173.36622	135.23381	236.12514	474.24845	306.67486	575.57540	719.52114	405.94290
6251690.22	603.61064	485.07264	166.15454	132.48383	351.29338	473.06190	387.72149	714.54538	518.17931
6251640.22	358.36747	614.45384	489.86663	157.93128	171.71328	464.44928	384.20077	720.28466	689.46222
6251590.22	323.40186	382.27505	629.45554	499.65651	156.13284	280.90848	518.90745	563.95589	792.60931
6251540.22	310.35577	328.64114	409.99832	644.57492	509.41810	156.94865	419.06993	468.13750	788.46300
6251490.22	438.46867	393.59824	343.01579	442.14629	663.15800	521.29704	206.10404	532.51593	754.57571
6251440.22	250.42027	417.68471	461.01513	366.19797	492.51819	680.90172	533.59555	342.19429	545.25820
6251390.22	386.67346	224.37125	355.84168	490.33859	425.43997	543.41635	699.60095	545.31693	507.38960
6251340.22	520.69851	589.75308	530.33279	368.39189	463.91572	504.21742	337.05646	711.80304	551.65641
6251290.22	874.58150	656.93234	440.60022	544.35399	615.87377	536.13158	543.20765	438.04043	724.29220
6251240.22	1498.70685	1609.15699	1621.61479	1521.95766	1306.53528	1007.36307	672.42655	642.11690	748.06914
6251190.22	467.57738	632.56745	840.37305	1092.98737	1382.41007	1673.99087	1901.65404	2126.65652	2486.23619
6251140.22	418.89260	438.86914	450.71801	454.11545	438.90852	509.74535	630.73834	629.62223	891.18733

6251090.22	413.69203	446.15830	480.94607	547.83122	528.80801	442.07578	407.76116	469.79712	822.00676
6251040.22	480.45494	461.80457	487.31727	484.69896	491.81399	622.64213	632.98841	706.19424	422.07502
6250990.22	430.73573	428.53728	525.61902	646.43242	709.04874	662.59122	630.36396	436.66822	482.20981
6250940.22	557.09720	655.29494	708.08096	693.71303	596.37313	554.73110	421.66479	316.35544	705.45217
6250890.22	718.55946	714.06215	633.79953	557.17582	484.73047	372.22205	307.99868	351.98803	642.27531
6250840.22	666.01714	553.24481	548.23982	420.95945	350.84218	341.04630	304.87631	607.12073	390.08740
6250790.22	459.36475	524.67329	422.00213	350.24438	369.01838	308.16807	277.69284	670.69348	335.62192
6250740.22	488.86692	395.72906	342.63209	388.34811	318.09393	300.61708	494.28148	504.47896	358.33822
6250690.22	339.00461	305.62687	367.01806	342.54097	305.82961	285.37969	639.38746	364.62518	354.79981
6250640.22	293.87067	355.05506	329.11476	273.88100	267.10353	385.28595	580.27265	360.28042	323.90848
6250590.22	334.76933	331.11276	252.95258	265.18969	268.66577	574.67931	383.43670	373.92697	283.74849
6250540.22	337.18381	264.36251	254.99980	249.94044	298.38226	605.87132	319.07263	341.49043	260.31952
6250490.22	281.43441	248.87077	258.90100	260.03085	492.85462	466.31947	328.39960	312.93286	244.29766
6250440.22	236.22507	257.35596	245.14676	263.25138	586.84360	357.15652	341.15294	286.06368	232.99733
6250390.22	246.76444	253.23098	259.86396	408.60160	518.22809	324.51172	315.98423	253.63527	225.37466
6250340.22	255.47358	239.43255	259.28365	537.86979	352.62205	296.35892	289.80099	226.83616	226.76772
6250290.22	241.59946	256.90137	330.86269	537.79172	341.80644	303.07539	276.68432	213.26805	226.87571
6250240.22	244.74893	253.54097	472.50491	420.55630	326.00854	292.36341	257.28690	214.54768	225.64458
6250190.22	260.04300	263.33038	524.48191	286.36026	277.60446	273.17657	225.13274	209.27291	219.93493
6250140.22	256.36498	404.31666	465.08573	329.82818	286.79000	258.00715	210.99959	209.65767	220.21348
6250090.22	242.05460	491.37047	334.77370	324.79943	278.71439	239.98739	201.65577	206.44790	201.25904
6250040.22	334.26037	482.92219	273.40570	278.59216	260.63804	223.00240	201.81953	214.37040	191.46764

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NGDP ***
INCLUDING SOURCE(S): STCK1 , STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	332973.56	333023.56	333073.56	333123.56	333173.56	333223.56	333273.56	333323.56	333373.56
6251990.22	272.94414	319.41789	335.61931	289.65813	374.46041	400.43317	464.64975	350.92601	650.38022
6251940.22	265.85882	334.98884	330.06613	286.87782	405.80853	436.27511	509.23857	465.22365	794.61896
6251890.22	262.89457	356.50918	348.90030	287.16806	458.47670	466.57978	491.26226	652.01465	876.13983
6251840.22	265.44751	378.84095	369.84232	323.40677	480.69916	511.77648	426.14073	834.14435	851.85033
6251790.22	286.87571	401.67018	392.83859	362.29845	475.34355	588.13664	640.60021	949.66264	710.67843
6251740.22	345.17875	424.61027	418.14865	414.59471	527.68094	582.73978	870.67122	933.68160	504.62229
6251690.22	401.28692	447.13246	446.06426	502.44769	570.53710	609.08504	1035.09463	764.38861	562.47953
6251640.22	446.68168	468.50484	476.90976	558.91496	681.23642	898.33074	1034.29031	542.64007	608.56977
6251590.22	471.23741	487.76578	510.97096	592.47368	701.07107	1134.26311	826.34565	659.99369	804.82409
6251540.22	466.52824	504.73907	559.60977	679.35244	906.72240	1161.20216	680.78520	736.26716	894.13319
6251490.22	692.42750	519.13380	611.91985	787.62134	1247.54031	898.26295	729.65302	972.06203	841.41669
6251440.22	866.12376	587.47412	659.53439	887.73477	1344.82210	643.22643	1004.78823	865.59798	508.64691
6251390.22	916.15468	646.00754	711.35321	1401.61820	1008.45287	1045.56856	888.46687	526.09501	472.85388
6251340.22	830.02691	665.10058	906.43794	1608.94311	1139.54968	1067.65769	511.34196	514.16334	394.30186
6251290.22	635.95968	1102.59890	1884.68833	1668.10543	1216.77999	583.44791	532.96859	330.82104	252.38245
6251240.22	881.13500	1192.64692	2273.17872	1577.87458	607.96317	602.86157	640.34250	644.20789	629.99197
6251190.22	1763.83524	953.53311	628.85049	767.23126	476.19455	391.01585	391.66347	415.46684	414.66857
6251140.22	948.24797	757.00955	504.07002	287.22785	320.74373	359.42380	414.11764	420.29419	407.79882
6251090.22	645.25570	604.35027	605.78156	529.53644	480.86114	317.32268	359.01366	372.75020	352.99402
6251040.22	763.21294	341.56839	897.77932	774.86367	425.88382	372.23551	346.88042	333.15598	324.93592
6250990.22	551.03236	330.34805	759.93627	614.90806	465.57849	410.54276	396.35538	347.09620	400.08771
6250940.22	280.91549	358.27874	545.83473	756.73592	535.08927	437.27938	405.64541	451.39071	423.53168
6250890.22	258.62153	363.88728	565.58479	702.82680	568.30908	496.87158	453.72257	386.77504	397.90990
6250840.22	297.05227	355.10150	568.93588	602.60576	740.53213	537.75240	484.29256	410.37999	338.89382
6250790.22	317.89572	341.93901	571.94524	455.75680	755.26934	557.66645	498.83501	449.82656	351.07197
6250740.22	319.78265	326.90018	563.65186	425.95786	561.08858	589.74335	497.78494	439.06368	402.74530
6250690.22	310.25592	310.13318	565.83233	381.97007	407.60455	576.77863	522.41340	461.36054	428.08999
6250640.22	296.81692	292.85170	558.84675	365.84815	401.97201	493.20370	543.84952	444.66745	408.41389
6250590.22	279.25480	283.94296	547.22036	346.01440	379.27962	395.17988	520.88330	477.97840	422.80182
6250540.22	261.27132	283.03901	541.64192	343.36834	342.37927	383.38167	496.71040	532.41715	395.56132
6250490.22	244.12957	277.24954	535.88740	360.62539	308.24510	361.70840	437.81314	578.60263	439.10610
6250440.22	241.88249	264.75648	526.23234	377.02794	299.95736	338.11041	334.90106	528.75787	481.89384
6250390.22	236.80795	254.87382	517.25285	377.20025	307.64583	318.43116	329.33564	435.42725	514.09962
6250340.22	227.13409	247.23629	504.19647	367.46348	303.06621	290.19344	320.25491	321.91902	484.16929
6250290.22	217.74356	239.10741	495.14764	360.12050	287.51054	267.47545	298.73393	283.16496	407.82805
6250240.22	202.81744	232.06004	486.78357	353.71956	273.19934	256.83015	269.99537	271.58135	302.98843
6250190.22	198.92026	225.51015	477.99151	344.33508	262.05758	262.30447	252.89912	255.99161	237.18214
6250140.22	201.68380	219.84806	469.88263	336.27484	255.79628	262.46538	241.98502	238.51414	228.07078
6250090.22	194.42856	214.74741	461.98385	325.84497	255.90097	257.86344	228.77849	218.97433	216.23635
6250040.22	182.56623	208.87715	454.13646	317.16720	255.45476	251.65805	214.06779	213.96935	202.12816

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NGDP ***
INCLUDING SOURCE(S): STCK1 , STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	333423.56	333473.56	333523.56	333573.56	333623.56	333673.56	333723.56	333773.56	333823.56
6251990.22	812.57711	616.14373	381.65087	429.34842	438.08844	602.90806	630.81916	593.14783	564.27461
6251940.22	783.85801	468.22306	415.12655	463.71177	577.83434	664.95340	601.25395	590.63220	611.76483
6251890.22	663.78293	396.19810	477.58681	536.94000	693.05754	614.65604	609.18529	640.98161	558.50311
6251840.22	481.90025	493.39847	489.16705	704.09190	647.34007	638.70345	661.71288	564.21168	596.32632
6251790.22	468.32169	547.07997	699.25645	707.99080	667.23334	688.03286	556.68367	635.15512	606.07899
6251740.22	552.49881	650.50472	765.43743	694.54359	712.59495	552.02792	302.21369	609.79247	465.34329
6251690.22	581.13227	804.72693	724.53459	736.52413	543.66144	303.34887	305.42595	430.82076	302.57782
6251640.22	823.91947	760.66927	758.05281	521.81242	307.18032	333.32163	334.50532	305.94308	258.05525
6251590.22	804.85800	785.76730	505.05488	326.61926	355.99716	330.81954	299.84682	242.76120	177.39303
6251540.22	814.32205	481.53769	371.80107	361.42764	340.13943	283.16489	215.15415	186.68286	168.31986
6251490.22	474.49322	401.34487	387.28504	343.57057	262.88168	203.09751	180.98865	175.54389	180.20858
6251440.22	419.07022	409.29239	327.27792	228.23742	192.99484	196.91380	202.18387	197.92198	198.91556
6251390.22	415.99763	297.10777	206.36252	215.31351	209.15243	212.81807	231.04183	247.61546	244.09543
6251340.22	246.67124	229.72347	220.62074	230.22698	246.08196	249.01411	264.93853	311.30697	350.69691
6251290.22	321.86646	385.68615	439.06096	479.42404	509.08032	524.08996	527.39785	523.23897	506.54623
6251240.22	600.13028	559.40136	512.96343	464.86616	419.53986	375.66185	353.25103	356.56104	339.18673
6251190.22	398.15296	373.60227	352.93526	350.18254	352.82350	358.18146	372.06974	400.95023	400.03196
6251140.22	395.62290	389.79333	383.88309	378.78856	381.84019	383.92946	391.16045	427.50990	427.20668
6251090.22	319.45822	284.94962	257.50500	267.15095	290.71330	284.58953	292.68905	333.16347	341.74695
6251040.22	307.81882	281.70792	273.09511	269.27081	259.49085	233.94828	213.47104	206.20231	204.18272
6250990.22	321.57952	266.10497	244.63803	249.31488	250.69792	253.58319	257.95619	249.99157	222.92738
6250940.22	376.94484	311.52470	271.34126	247.10848	251.29796	228.88189	248.20483	276.76959	277.51189
6250890.22	376.45559	353.25891	315.91064	279.67838	291.16901	265.66855	256.89621	284.91641	290.49556
6250840.22	373.85966	351.04636	324.22979	335.96481	319.51043	302.47542	307.14378	360.86444	407.89691
6250790.22	315.22928	341.68115	332.91568	304.47147	313.37885	303.92480	290.63299	377.04152	451.67479
6250740.22	307.50987	286.80878	306.76502	329.72244	312.79718	302.38129	298.46914	301.46609	372.62598
6250690.22	353.74586	267.21583	302.31681	310.01313	353.20404	340.47428	301.87484	310.68502	283.95157
6250640.22	382.29400	319.37845	269.03999	300.46348	287.25300	334.54772	335.96594	292.87358	257.04237
6250590.22	376.52417	328.45202	284.08355	257.49839	289.74500	276.15902	304.40984	320.03268	256.00725
6250540.22	377.65682	336.56242	317.26942	273.46307	245.73314	265.43505	257.36290	256.06486	290.61045
6250490.22	397.35409	333.19489	351.20843	297.77392	241.60021	206.89149	238.55783	243.86474	215.15892
6250440.22	362.11427	367.94579	350.71037	335.28630	278.82129	242.20854	212.24650	233.62392	238.82635
6250390.22	400.92390	363.36014	330.54384	338.17124	322.31246	258.74253	224.88435	199.56759	228.82448
6250340.22	423.12472	321.92067	336.58378	286.71330	324.47302	286.65312	230.91242	210.86153	190.30561
6250290.22	441.49642	351.94993	319.12450	300.33651	276.00416	303.16625	262.38290	212.06278	193.46367
6250240.22	418.25164	367.44976	286.60417	305.36635	276.72397	280.53383	292.69215	234.23327	197.90015
6250190.22	359.08281	385.59520	313.95445	277.39896	275.42510	258.44390	276.85129	269.40869	204.25333
6250140.22	300.70156	371.92079	319.82530	248.43354	265.84847	250.82438	228.16404	262.87807	238.42098
6250090.22	240.84832	327.09193	327.61960	268.90469	231.60706	243.03924	236.32493	217.49338	245.12589
6250040.22	189.61988	275.28819	316.69528	272.49701	211.55268	225.59624	219.08538	215.18501	217.22223

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NGDP ***
INCLUDING SOURCE(S): STCK1 , STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 333873.56	333923.56	333973.56	334023.56	334073.56	334123.56	334173.56	334223.56	334273.56
6251990.22	584.02932	530.65186	484.53992	532.37228	511.02679	435.23978	334.91995	248.69290	233.12251
6251940.22	541.48470	520.35748	556.56214	516.51173	423.40961	313.34651	256.87021	228.47170	204.27273
6251890.22	557.75312	577.56055	515.09281	404.53684	275.81609	256.83451	216.10815	204.07011	174.06474
6251840.22	594.61385	506.74447	379.03446	282.58492	247.50459	219.83049	193.52115	153.93795	128.24606
6251790.22	490.45947	347.85073	278.87917	236.88433	212.48065	173.41428	137.38650	135.60809	131.09404
6251740.22	308.89371	268.21317	230.35245	193.63168	149.49023	144.79437	139.12186	137.58585	127.54676
6251690.22	266.19373	217.96267	165.99577	154.20031	149.84280	145.26981	131.17797	122.82491	119.24739
6251640.22	188.30755	164.78498	156.73290	153.05432	139.63746	128.16737	135.87724	144.10032	149.05836
6251590.22	165.31761	156.38142	143.62637	141.29199	157.35787	163.86844	154.36321	148.98792	141.02389
6251540.22	157.18179	148.50857	153.92774	155.31869	168.09036	158.11990	148.35972	155.12439	154.22204
6251490.22	169.43155	165.96717	146.11927	158.22733	186.33436	173.09592	153.76939	160.01298	153.16179
6251440.22	181.58923	187.00028	178.43555	181.57482	189.95676	163.75833	150.54405	151.23439	154.60226
6251390.22	217.62437	183.17003	178.38667	216.38068	245.90759	256.96024	265.16479	305.29173	324.12156
6251340.22	380.22432	388.05411	397.18672	409.89305	413.83108	399.39771	394.13672	387.62841	371.61053
6251290.22	480.83476	427.95094	394.57182	374.54829	350.52240	325.02482	298.01080	271.87243	246.75067
6251240.22	319.06199	295.53333	287.85965	284.59239	277.03679	267.91623	259.08666	249.35967	239.64717
6251190.22	401.05136	393.56617	377.70836	365.36402	349.29868	331.53590	315.95197	302.68089	283.99907
6251140.22	420.64762	412.17553	395.16383	379.40566	363.00016	347.10105	332.68444	316.29505	297.15775
6251090.22	340.76255	335.56996	327.92583	318.85795	309.65364	300.31838	288.69274	276.83852	262.42788
6251040.22	203.00521	209.83748	212.20659	212.99282	211.49327	207.38571	193.86171	184.13786	184.53754
6250990.22	177.17926	165.72161	160.69059	160.68229	152.49844	134.98644	117.90075	114.98463	108.79752
6250940.22	240.17397	205.88167	198.07981	171.62184	146.90340	136.58215	130.19890	126.21243	116.62560
6250890.22	300.40245	243.89645	223.35278	199.47529	186.78621	173.07756	142.07399	134.36418	131.09186
6250840.22	416.52239	364.22363	308.43150	261.79340	211.65270	173.64181	149.23109	155.33061	148.71622
6250790.22	460.94232	445.38235	392.77762	356.82567	311.91627	265.06705	219.19564	176.62674	140.37210
6250740.22	407.12111	455.63385	441.96272	405.63139	379.99763	342.84527	296.23705	239.53333	171.73040
6250690.22	342.09752	389.23351	413.50042	418.28632	406.09358	381.09328	346.64478	315.12484	247.81948
6250640.22	250.90320	261.33339	314.76857	349.81961	370.78305	372.32207	356.98619	343.69404	317.23614
6250590.22	252.10289	209.50715	239.31141	236.93639	281.01869	309.97478	323.44119	333.86196	312.81908
6250540.22	216.20481	212.36924	225.83524	233.15099	215.63247	210.59473	242.79846	264.02379	281.87125
6250490.22	194.67981	193.24894	206.33456	209.19135	216.80840	213.63830	192.10845	182.74119	218.26463
6250440.22	194.54601	202.16250	225.46170	215.43967	182.08593	190.78243	178.36102	155.97187	152.05883
6250390.22	216.81893	192.20221	194.90231	205.19849	202.28623	176.00233	163.63903	171.86441	160.98425
6250340.22	208.02644	210.03431	182.65522	153.46153	176.83758	178.06237	155.80672	142.81466	148.77293
6250290.22	171.50879	195.12125	192.61441	164.76913	140.58960	158.69229	150.93605	129.42832	133.98577
6250240.22	176.91845	157.31098	176.54345	174.25314	158.11492	134.70919	141.46823	134.49281	136.19683
6250190.22	183.46389	156.91425	143.97048	159.05511	164.46294	151.38031	127.43004	119.80189	122.08640
6250140.22	177.46419	161.90901	136.63407	133.45878	150.47611	152.02853	140.99422	119.26248	108.90365
6250090.22	201.68130	156.28756	144.12582	130.94643	123.43641	137.29137	140.52732	124.63461	105.48610
6250040.22	215.10589	173.83495	138.63703	133.27455	121.25018	113.92875	122.01224	110.66468	107.43013

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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NGDP ***
INCLUDING SOURCE(S): STCK1 , STCK5 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 334323.56	334373.56	334423.56	334473.56	334523.56	334573.56
6251990.22	199.27323	186.60545	164.00081	135.73184	112.07291	101.98765
6251940.22	186.52806	149.87343	122.54827	108.09856	105.33033	102.08561
6251890.22	138.33167	117.29907	113.85680	110.01919	109.45961	104.17401
6251840.22	126.46696	119.82572	119.14382	112.33520	106.80474	98.66621
6251790.22	129.65425	121.02797	114.92434	104.37783	105.13012	104.55118
6251740.22	121.01655	111.70589	112.86958	122.11170	127.10493	127.74318
6251690.22	129.27184	137.65140	139.88151	136.99358	129.56370	119.40354
6251640.22	148.95417	140.60956	129.43030	116.80884	113.88400	110.71707
6251590.22	135.98719	125.31780	129.72739	127.93537	121.62410	114.23600
6251540.22	149.25840	134.36622	132.08959	124.18292	114.67204	104.78378
6251490.22	136.23182	130.14673	129.04212	133.31277	132.76033	136.22266
6251440.22	175.77015	197.32879	215.17785	215.36752	212.59311	236.24242
6251390.22	338.69695	346.78176	334.33653	313.10328	298.20567	286.01651
6251340.22	366.15857	338.08427	307.13098	287.63053	269.40369	236.91632
6251290.22	226.17892	200.79922	194.25650	189.31909	184.34203	177.33461
6251240.22	230.16082	220.58845	212.16708	203.95686	195.80821	183.28167
6251190.22	271.88921	262.62205	250.14277	229.77348	211.59091	215.72442
6251140.22	281.72255	270.85598	259.21593	246.57204	234.28099	220.70368
6251090.22	250.53507	241.40459	230.89847	220.20681	210.83759	198.72248
6251040.22	187.33170	180.83632	174.60930	169.32540	163.56024	155.78662
6250990.22	118.24432	124.75659	118.74621	112.21320	109.88676	104.52571
6250940.22	114.73899	111.06199	105.22784	104.74391	102.57307	100.33671
6250890.22	122.09372	116.23783	119.39382	115.66433	110.91412	106.83271
6250840.22	119.36482	114.88996	121.68759	117.60106	113.27661	110.51895
6250790.22	123.96547	115.17856	124.93861	126.70589	124.07421	103.78553
6250740.22	166.76426	144.65254	130.08268	140.29983	132.58478	120.66204
6250690.22	232.17450	205.34240	174.86626	133.72417	128.67063	119.74976
6250640.22	272.81089	225.04988	226.51683	181.48480	153.81037	128.59074
6250590.22	267.57608	253.18925	260.63703	217.28216	187.27163	164.68915
6250540.22	293.07495	287.05413	270.49882	244.55609	220.85783	197.90543
6250490.22	234.60797	243.76124	249.48126	242.23004	231.61810	212.96072
6250440.22	172.34802	182.72887	200.56270	210.30241	211.57910	205.30006
6250390.22	142.77894	148.06435	144.37415	159.02674	168.07725	173.32888
6250340.22	148.26136	138.56435	131.73475	128.24665	122.49023	131.38157
6250290.22	135.67946	124.57585	132.82951	135.55355	123.44839	110.21187
6250240.22	121.01649	114.83857	127.30016	133.13924	131.36979	121.20936
6250190.22	116.35969	114.60358	108.48303	112.96650	119.64340	121.02387
6250140.22	109.03973	106.43052	110.66727	107.70496	96.33548	105.76259
6250090.22	97.95641	99.59547	102.22679	108.04005	98.86625	92.05551
6250040.22	100.30059	97.54693	98.28014	96.61376	94.43876	94.18598

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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NGDP ***
INCLUDING SOURCE(S): STCK1 , STCK5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
333127.00	6250815.00	525.08428	333032.00	6250831.00	402.07268
333010.00	6250890.00	265.37838	332939.00	6251028.00	490.98049
332953.00	6251077.00	513.63994	332905.00	6251107.00	509.21988
332884.00	6251143.00	684.83240	332987.00	6251153.00	1020.31505
332985.00	6251107.00	717.43765	332985.00	6251107.00	1516.93748
333288.00	6251156.00	445.13323			

♀ *** AERMOD - VERSION 15181 *** *** C:\Proj\Star\NOx.isc *** 03/17/17
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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NGDC ***
INCLUDING SOURCE(S): STCK1 , STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 331623.56	331673.56	331723.56	331773.56	331823.56	331873.56	331923.56	331973.56	332023.56
6251990.22	267.50290	270.01462	214.74340	136.63616	113.26888	184.65670	254.66026	260.40807	235.83235
6251940.22	181.12743	256.67058	290.11478	256.19485	177.38259	100.80304	174.81403	256.01280	281.24732
6251890.22	80.21376	146.73408	231.78234	294.15139	291.55021	223.15468	134.98283	162.71529	251.35282
6251840.22	80.04454	85.12588	112.30575	195.75693	279.97125	313.81340	269.21944	177.55240	149.73276

6251790.22	79.02316	84.74720	92.14035	99.01345	154.85409	248.88873	316.20770	306.56360	224.27648
6251740.22	81.00759	85.09031	92.70668	100.41018	105.94515	114.34168	203.10072	295.22732	328.42947
6251690.22	85.34148	83.51764	88.92201	95.53222	101.82958	106.39085	111.30530	155.09625	257.76349
6251640.22	191.60747	127.44722	93.78656	89.41324	97.02858	104.27403	112.00820	118.34413	123.98068
6251590.22	392.88953	346.87893	270.84801	188.40305	118.14997	102.66127	108.26505	117.69601	126.23940
6251540.22	330.65038	400.71459	436.47210	423.38296	360.83782	269.40384	177.17158	119.32964	120.09238
6251490.22	122.87591	183.05923	263.87065	354.65889	431.80318	468.07505	444.24040	365.37031	259.45161
6251440.22	114.32687	113.22239	117.50997	125.56700	184.67761	273.33466	373.28704	456.72704	491.36630
6251390.22	540.55143	448.15289	361.92981	123.72613	133.47399	141.75362	150.42411	180.60815	276.10914
6251340.22	876.33370	846.14349	798.37058	731.53194	652.84151	561.46537	463.85696	370.85234	281.37406
6251290.22	772.13342	840.47883	897.21804	943.01720	972.36946	978.58039	963.95772	935.63004	848.87093
6251240.22	364.18101	434.00128	507.52685	590.08556	684.19560	777.74403	877.42236	978.82935	1059.00333
6251190.22	136.30435	146.15326	154.53350	160.29268	166.30675	171.99380	348.58515	431.67813	524.89087
6251140.22	152.03845	166.08383	178.49351	185.43907	193.22797	210.25222	230.79526	238.26273	242.33878
6251090.22	154.09441	168.64678	180.90060	189.58784	201.54128	219.03867	237.56361	245.30763	250.12653
6251040.22	161.49067	173.62855	189.96738	202.07234	213.50971	226.67381	239.37615	248.49866	258.81919
6250990.22	173.91495	187.98179	203.14112	217.04375	227.53441	236.52541	244.59248	253.81126	266.74173
6250940.22	168.83400	179.11487	190.02606	199.14927	208.02699	218.39284	231.64556	238.89571	254.40532
6250890.22	171.18864	186.32117	198.50340	210.02142	222.89795	236.09971	244.70003	249.40932	256.50717
6250840.22	180.53334	192.45900	199.02956	204.71427	209.96554	212.82137	224.85451	267.31576	304.27445
6250790.22	174.77159	184.07962	188.17446	221.93210	258.42462	284.10485	298.73758	295.65518	272.98626
6250740.22	211.96805	240.26739	261.55557	271.80789	267.88610	248.61819	237.84690	239.70045	235.94595
6250690.22	244.11223	240.17585	224.23659	202.02964	204.52727	203.49748	217.36603	229.98401	237.42245
6250640.22	178.77744	171.05988	177.34934	184.74855	200.99023	209.66853	213.83225	260.90648	310.67866
6250590.22	167.23005	175.45732	186.90589	193.79357	206.22381	250.46177	339.44068	407.39329	487.25787
6250540.22	156.86439	170.70132	198.83393	258.55506	331.63042	377.77987	415.17663	463.84652	535.34845
6250490.22	173.03310	216.75362	309.55253	386.02060	447.71077	485.53420	489.86648	496.90569	503.66114
6250440.22	259.05766	324.02878	392.33637	465.10035	508.40729	518.83219	497.67230	443.07060	368.24972
6250390.22	319.19022	371.20226	420.65141	463.80493	455.00919	415.34017	355.32571	283.37234	298.15730
6250340.22	351.11784	375.02529	383.01884	375.52781	332.72725	270.73700	262.27592	314.06477	382.14662
6250290.22	332.09570	321.85128	290.84911	252.40602	239.58629	256.43675	325.11319	380.00221	400.60846
6250240.22	252.72388	226.42800	212.66303	238.98254	269.36166	331.82436	374.35866	382.73503	350.61256
6250190.22	185.04842	216.88552	235.31051	281.37393	334.74453	365.99130	364.27512	326.66002	257.88714
6250140.22	213.81525	233.82564	290.07328	334.41154	355.57405	345.61774	304.25009	243.77289	243.96117
6250090.22	243.08693	295.79959	331.57757	343.77164	327.07825	283.33584	235.37934	234.32659	227.84107
6250040.22	292.38849	326.57638	331.07141	309.16888	263.63555	227.75769	225.35727	216.71499	261.00808

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NGDC ***
INCLUDING SOURCE(S): STCK1 , STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 332073.56	332123.56	332173.56	332223.56	332273.56	332323.56	332373.56	332423.56	332473.56
6251990.22	388.86168	500.89217	375.27764	226.58776	89.73031	89.03708	85.28277	89.08954	98.26864
6251940.22	244.72615	395.13339	517.64746	381.75469	227.69526	95.40041	93.58834	87.10511	103.86621
6251890.22	297.37324	253.45230	399.48067	527.71022	384.00646	154.85403	100.77424	99.33012	96.79377
6251840.22	241.40228	303.01012	268.72759	392.18785	535.02476	385.77075	150.00069	106.57035	98.80949
6251790.22	126.95832	214.61454	298.32252	288.34063	389.45750	546.06584	389.68141	143.46607	108.89405
6251740.22	271.66284	168.12475	196.46776	296.41871	312.00594	390.10249	559.86175	394.81323	138.80522
6251690.22	331.39211	316.42810	222.40299	179.99572	281.09646	324.36628	386.45525	572.85768	399.30590
6251640.22	208.88978	313.08982	347.06098	276.64408	163.27096	264.62573	336.90541	384.71064	588.41278
6251590.22	132.88784	156.14631	270.03835	354.74608	334.02066	223.10483	245.10184	342.44659	382.04101
6251540.22	130.31807	139.63227	147.23043	218.69157	338.93745	377.42551	292.52967	222.46639	340.56890
6251490.22	159.79756	134.65112	146.20297	156.31210	163.83180	296.35524	394.42840	362.08165	227.41712
6251440.22	457.21364	362.96214	244.32676	155.55545	165.05780	173.42664	235.60376	377.00365	416.80671
6251390.22	387.23225	480.73379	516.23222	470.32331	357.88702	224.37985	177.80101	188.01637	326.13845
6251340.22	183.28441	190.19713	276.83589	402.10530	513.04345	551.46804	477.21739	343.03500	197.39626
6251290.22	740.86811	624.01837	493.55223	371.81009	274.16538	284.79963	410.71507	527.76016	561.38036
6251240.22	1117.40974	1145.88026	1128.12499	1072.98907	1029.32609	891.53525	676.31437	506.61268	344.29619
6251190.22	629.29599	742.82000	874.59710	1002.70908	1172.81347	1265.99352	1311.49484	1352.97110	1305.87920
6251140.22	247.58047	252.23011	258.92913	289.69684	378.17623	474.98534	610.59933	787.14061	989.93019
6251090.22	255.28536	261.09292	272.93262	284.57768	290.79391	301.11192	317.87114	333.10390	360.04761
6251040.22	264.92137	274.01440	290.48904	296.15793	308.20859	320.74705	335.24335	357.60258	394.70038
6250990.22	274.73282	279.53040	287.56766	291.72147	297.02101	303.24567	320.64340	363.07843	413.60461
6250940.22	267.83385	275.92528	282.90303	286.26960	290.38656	336.95591	397.14569	429.73895	441.83257
6250890.22	266.27857	271.91127	319.90675	353.64954	360.79059	334.94603	357.93208	407.21795	398.27642
6250840.22	324.80457	325.24153	300.49160	305.78319	304.48304	295.99057	327.85565	376.35041	546.65758
6250790.22	273.86166	274.85333	267.68024	280.11969	286.72763	336.62689	490.50275	614.30803	632.26435
6250740.22	250.78065	262.11801	280.75159	341.31544	460.50324	520.74207	555.38742	574.59428	507.23124
6250690.22	271.51544	331.13111	452.88159	515.64023	550.38192	554.01065	512.95122	436.50681	385.28682
6250640.22	422.81597	486.70302	536.63172	553.78706	523.89965	456.87065	363.46806	398.13435	421.05425
6250590.22	502.80405	523.95212	513.35994	465.52209	384.29459	327.80223	402.46153	384.05715	292.16758
6250540.22	551.82260	455.49070	385.82238	302.08528	348.20886	397.79348	364.01193	274.27877	268.22521
6250490.22	429.85404	334.75079	299.06259	360.43745	387.36955	345.51795	261.39263	262.51707	310.65622
6250440.22	281.87269	343.56181	383.60789	379.25950	334.49823	262.17218	255.67047	304.43529	310.60845
6250390.22	379.69798	403.39834	376.09879	312.26934	260.51009	261.54685	302.31362	311.27584	259.48371
6250340.22	417.27967	380.02143	299.68638	247.07136	250.17968	300.15358	326.29028	276.27842	217.47984
6250290.22	376.11097	295.71303	245.40003	242.36818	296.44993	322.36450	296.96242	215.73271	228.34719
6250240.22	283.21183	253.44261	244.09537	288.80696	328.77902	309.17233	234.81056	232.53632	264.87172
6250190.22	254.24958	248.73876	300.10228	331.09692	319.31408	254.79582	221.20783	240.30254	243.35770
6250140.22	239.18020	288.12303	329.23564	326.59190	274.03821	215.03496	224.10282	228.30197	219.12582
6250090.22	273.96934	315.40073	318.63930	278.66766	206.45024	216.97147	228.21423	213.45182	237.08717
6250040.22	302.28967	310.26475	278.81173	216.51387	222.51280	228.59752	220.77731	219.62312	238.31128

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NGDC ***
INCLUDING SOURCE(S): STCK1 , STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 332523.56	332573.56	332623.56	332673.56	332723.56	332773.56	332823.56	332873.56	332923.56
6251990.22	103.62208	93.86842	164.79083	501.40581	546.92007	485.25942	337.52738	279.61792	237.72707
6251940.22	105.95600	103.42723	94.87985	377.38935	597.74970	572.21709	318.03600	296.33142	235.55011
6251890.22	102.23027	107.36742	107.24560	239.25266	593.82530	618.78390	341.78453	329.19309	236.71329
6251840.22	101.62606	111.69669	115.26295	131.21085	496.07505	598.42671	469.95876	353.23212	235.38520
6251790.22	101.37504	115.52068	123.14238	115.70819	342.90808	648.78052	592.46310	363.79579	258.61016
6251740.22	119.80434	117.19493	132.39984	126.99042	196.49078	621.17308	670.55937	357.08262	307.24940
6251690.22	134.22445	127.31670	131.97822	139.21664	133.81325	483.45811	666.18417	440.07891	353.17721
6251640.22	404.77427	138.63135	124.14772	144.03291	142.78759	300.77141	705.26938	600.12438	389.73739
6251590.22	604.61158	410.25660	144.73378	142.23528	160.68052	158.03757	641.32633	723.09728	409.28526
6251540.22	378.33308	621.41282	415.54371	150.84782	160.34361	162.36996	454.38108	747.04290	404.85269
6251490.22	329.64353	385.84815	638.73749	420.57877	156.23686	176.87328	247.52040	765.70499	584.26111
6251440.22	307.67761	338.73607	416.85371	660.65432	428.18398	171.51687	182.27619	647.64641	769.34476
6251390.22	439.98585	391.35648	357.31441	453.77075	678.30734	433.28604	192.78025	413.83448	848.05171
6251340.22	252.92462	420.38882	459.46818	372.52345	494.15938	693.78928	440.89287	207.60405	863.31576
6251290.22	482.59255	325.64534	362.94187	492.50602	418.65905	570.74102	727.44289	445.68946	672.67119
6251240.22	422.44147	556.44037	587.85712	483.17258	472.90883	505.02422	346.71131	742.76784	444.00211
6251190.22	1209.72619	1040.65491	787.21540	533.37910	581.06141	606.67725	536.13910	430.56004	954.78877
6251140.22	1227.83672	1468.93195	1646.80384	1748.43232	1713.77458	1555.21107	1248.89770	972.60857	729.90068
6251090.22	399.07456	435.17467	444.87759	597.80667	832.49350	1135.87063	1482.42116	2359.30616	2677.12106
6251040.22	438.39062	452.62424	451.69620	478.69101	557.78930	537.95165	513.52719	528.14306	852.88852
6250990.22	445.03757	486.40462	474.66808	494.52844	469.99011	446.23879	500.22607	719.82782	567.04431
6250940.22	466.68596	471.39865	452.35471	512.84806	613.09565	596.03483	616.72533	380.06496	726.33033
6250890.22	420.20526	560.79982	575.26786	577.61941	571.57690	542.25013	442.59579	359.95074	637.44272
6250840.22	656.52621	682.85871	581.10458	539.63282	466.34181	405.95106	318.51724	626.76840	366.64273
6250790.22	599.88886	541.05205	533.72502	398.31111	332.50281	282.91511	272.22203	679.18200	264.15761
6250740.22	412.43348	503.59854	354.63763	310.69267	291.75042	269.44174	509.57705	486.49878	271.51031
6250690.22	459.08644	328.64959	288.01180	313.88251	261.96986	232.46196	651.92279	328.65904	287.01180
6250640.22	312.38392	281.33512	311.81752	256.61854	250.07427	394.64216	573.11346	312.49694	287.38865
6250590.22	272.03322	313.51300	280.16500	253.01380	234.70583	590.04345	362.10715	324.67730	283.40436
6250540.22	314.14716	295.75199	242.65661	236.66884	303.88518	609.54814	295.83913	296.02096	262.07907
6250490.22	305.94942	228.49741	237.83312	236.62428	506.57957	452.31780	311.07485	265.67289	245.43021
6250440.22	244.79003	236.13987	232.68520	245.76723	596.81287	295.58534	318.20915	238.72228	232.72300
6250390.22	229.33040	239.61388	237.40749	418.99686	513.01900	275.21080	291.33599	213.71007	217.48471
6250340.22	235.90100	225.35714	246.70579	549.86253	336.02887	289.86263	262.14724	204.97399	203.89401
6250290.22	234.84267	239.15704	337.78634	539.74788	283.92043	292.17266	249.98030	198.96002	194.16540

6250240.22	223.46210	244.06147	483.74433	409.35250	260.11659	277.64826	226.84392	195.19670	195.07535
6250190.22	244.49706	267.50304	531.00031	263.10560	274.82931	255.18539	196.23064	197.02361	189.71620
6250140.22	248.27895	413.30436	460.07145	278.24324	279.76874	237.70497	188.31299	200.70692	185.74395
6250090.22	233.59584	500.45156	321.20412	249.25293	266.93558	220.16562	182.49904	198.49554	172.38017
6250040.22	342.75845	485.91794	250.59248	252.98058	246.32071	201.50441	187.14969	200.26592	164.25004

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NGDC ***
INCLUDING SOURCE(S): STCK1 , STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 332973.56	333023.56	333073.56	333123.56	333173.56	333223.56	333273.56	333323.56	333373.56
6251990.22	307.89093	270.76508	314.81937	274.16266	385.52133	375.17063	445.88223	282.41097	554.15974
6251940.22	313.97169	276.36619	314.90520	298.40732	417.09370	398.56534	455.21556	403.77482	673.90114
6251890.22	327.43347	284.60974	317.62852	333.76051	421.27473	421.06166	411.11583	554.37947	748.80480
6251840.22	340.87013	293.23449	319.29823	371.30964	404.11523	501.67524	373.56941	702.47112	745.90366
6251790.22	353.39151	302.23947	319.45516	411.13510	442.09724	529.07580	544.81108	804.35195	651.60203
6251740.22	364.53653	311.63011	318.20615	470.72649	473.57251	483.75673	727.87996	812.29987	486.80196
6251690.22	373.73992	321.41056	327.58659	498.02755	563.22557	520.61301	867.11427	703.01443	446.59172
6251640.22	380.35416	343.23344	343.92956	487.55294	620.78183	745.83258	892.41809	504.06601	535.71076
6251590.22	383.62443	376.24825	411.38666	544.89430	578.26346	937.43280	763.56698	542.31229	545.47629
6251540.22	383.10157	413.80892	509.21050	626.78403	749.34719	991.07159	540.38494	595.80157	797.42058
6251490.22	378.16216	457.58793	574.97242	736.04388	1014.20416	835.99791	644.23458	771.51745	783.50531
6251440.22	435.22851	503.53043	627.74961	737.70087	1136.27546	659.88625	694.94435	878.91618	758.05796
6251390.22	475.43452	552.06982	682.57837	1127.89162	959.13017	725.11366	951.86600	775.45151	446.83443
6251340.22	533.61194	605.73541	876.00201	1364.32310	690.99024	987.54431	788.00686	463.53775	426.53883
6251290.22	793.85797	664.17056	1217.59871	1104.46976	1012.38129	896.64718	469.49531	470.44760	383.38049
6251240.22	1066.73220	913.77856	1738.16012	1098.33486	1063.13348	514.71055	503.88744	343.41714	235.67176
6251190.22	1110.12762	1487.23237	1661.62436	1343.99839	593.57605	472.19051	264.21948	253.04483	258.36908
6251140.22	645.85939	1135.20379	1340.82396	608.05181	253.17982	268.16939	351.72700	391.13746	401.96502
6251090.22	977.04319	632.84514	225.71160	189.84275	306.27841	382.54467	410.97516	404.90600	394.05292
6251040.22	792.10909	482.15258	415.70467	357.55452	315.86824	353.00761	343.68330	333.54721	339.39280
6250990.22	578.36293	812.96604	687.04532	500.98722	325.00631	308.74995	307.91520	323.93196	321.07839
6250940.22	410.66598	1122.97178	748.70986	484.51613	369.63684	354.69780	333.73164	348.75644	285.50548
6250890.22	302.83760	626.08514	739.84647	588.83051	427.99309	370.47990	449.49024	419.46882	357.78640
6250840.22	313.15405	537.76445	791.01317	591.23111	491.80922	415.81924	366.52905	400.97257	378.86631
6250790.22	519.32015	634.84013	596.70702	727.20756	555.61235	497.61525	412.30743	346.06978	359.83471
6250740.22	474.51257	570.41153	590.34112	767.27523	626.59967	558.33384	492.19379	344.95939	308.24163
6250690.22	429.27928	520.14069	564.47627	569.45132	720.18303	563.36708	502.91270	449.62039	334.00180
6250640.22	389.95063	469.83145	554.18702	605.30199	716.01218	593.36207	523.86836	478.22103	389.32396
6250590.22	368.16623	464.02729	510.46284	624.14755	573.17119	622.85305	498.54262	456.67791	406.96453
6250540.22	344.77586	470.37064	496.46497	595.50318	450.23707	646.24631	534.55488	454.55318	387.31564
6250490.22	325.92117	459.30282	457.61896	538.45179	520.82784	570.59612	570.81365	418.79632	409.34154
6250440.22	301.36033	441.77557	415.04765	487.44070	565.78795	427.87956	521.16282	441.41238	412.02777
6250390.22	282.30190	419.37764	379.36059	487.67142	574.55000	362.01680	544.07216	448.77347	378.60007
6250340.22	262.50278	406.89176	366.72694	473.52613	542.48794	409.75063	429.20842	540.78982	417.11466
6250290.22	244.13242	390.32483	344.29823	440.88331	483.51331	452.73521	342.75692	487.31128	409.32483
6250240.22	226.36178	377.65670	323.61554	407.72002	401.28560	477.19081	305.36514	406.17021	394.04306
6250190.22	212.84960	364.75372	297.81064	363.94901	359.59429	471.27948	303.37546	331.22152	364.35079
6250140.22	179.64626	356.88358	277.45971	332.31173	353.69693	438.41388	335.24340	256.69160	351.66747
6250090.22	174.70375	350.40915	283.83078	293.75553	340.68405	384.77356	353.03613	244.36766	310.58549
6250040.22	165.33900	349.43637	298.15904	260.18873	321.62970	321.17347	364.33823	227.08760	240.45329

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NGDC ***
INCLUDING SOURCE(S): STCK1 , STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 333423.56	333473.56	333523.56	333573.56	333623.56	333673.56	333723.56	333773.56	333823.56
6251990.22	699.69997	562.18876	362.41810	357.15400	400.74472	465.42859	592.05758	539.65707	562.85612
6251940.22	689.93188	449.74555	334.03141	409.83144	421.95926	591.70522	570.64645	568.90971	526.35084
6251890.22	607.38078	381.42492	406.75549	423.72557	582.37418	612.35392	568.14547	539.42194	602.72611
6251840.22	468.33550	401.60432	450.22529	555.00103	655.59492	589.65853	546.36010	616.97423	533.43899
6251790.22	396.55548	479.09140	515.54177	673.86715	604.21411	569.41238	617.83696	527.27841	574.93188
6251740.22	463.55763	470.26129	679.66182	629.09890	590.11220	639.31470	502.83853	574.40687	586.59684
6251690.22	508.16731	659.22064	687.85055	611.45494	662.63797	511.64608	577.65469	582.41820	459.73203
6251640.22	617.19756	741.84140	632.10125	669.16328	483.33400	278.77512	529.56497	406.02322	300.98303
6251590.22	783.20967	664.15772	693.44048	462.65906	279.05744	306.11089	313.81235	295.61775	259.53090
6251540.22	701.82042	715.13471	447.16212	301.09652	330.75136	307.63932	282.88062	242.88191	170.99337
6251490.22	737.52701	424.67519	341.32362	344.04838	320.50511	274.18933	210.73235	180.24763	171.56721
6251440.22	419.39192	375.44030	354.94930	321.86113	257.59768	194.38724	182.34213	160.98812	172.60347
6251390.22	388.27261	379.04887	315.80386	229.75901	196.42535	171.07818	188.27457	193.43549	191.01072
6251340.22	391.71918	294.78166	210.96647	197.66185	206.01379	197.52530	186.96970	206.15226	230.33584
6251290.22	255.56509	222.54923	212.52780	189.37955	206.72059	214.64236	216.14146	217.68528	213.16917
6251240.22	220.26505	223.61935	228.33836	230.94778	228.28559	235.98221	253.40210	286.16732	300.05522
6251190.22	274.37766	306.65811	318.22669	322.68060	325.61536	326.51751	328.80968	354.31052	351.56062
6251140.22	393.56533	377.79498	357.43088	337.36768	322.44016	307.46506	295.21460	336.83800	339.38841
6251090.22	382.15059	372.02566	364.58318	358.81536	363.99845	351.18775	349.05407	428.54799	430.17207
6251040.22	338.56531	328.46665	328.77336	338.52223	354.65668	341.64434	338.82122	389.33054	412.39587
6250990.22	307.63060	275.30393	253.92568	236.77752	218.38109	229.05428	241.06399	266.89481	293.41449
6250940.22	264.60675	260.30980	257.25033	246.36344	231.08734	217.81516	207.56892	199.29046	210.37038
6250890.22	287.22874	251.86417	264.27383	248.19595	251.33789	248.86269	243.29414	256.83683	284.43805
6250840.22	336.83691	353.10042	313.95976	263.76727	242.14555	229.21774	239.46776	266.15106	313.93283
6250790.22	339.66683	347.15240	327.95092	305.77072	298.11337	289.68943	270.87618	264.35168	303.06389
6250740.22	335.87504	301.65610	307.24560	306.98711	300.69062	302.26637	318.50692	339.20564	381.98584
6250690.22	287.17022	307.03718	325.25129	286.94020	299.93172	297.08918	292.18039	358.32434	416.13569
6250640.22	275.41233	277.64844	336.47694	368.58371	321.19199	295.12881	289.56845	289.31629	377.54634
6250590.22	329.86076	242.75090	259.79630	283.08837	318.40801	302.55982	283.38258	302.48128	288.77302
6250540.22	357.88128	288.63500	244.06012	271.49133	256.62488	281.08456	285.59262	248.72606	298.04464
6250490.22	394.14566	327.68015	264.62425	240.21796	249.17138	225.51829	243.57063	269.46762	291.11150
6250440.22	374.12541	363.40864	308.76196	245.20239	238.05472	258.28117	231.80134	222.40173	298.22218
6250390.22	400.83397	339.15491	339.18025	280.66845	229.45350	233.13349	245.56385	223.04863	234.42519
6250340.22	376.03739	348.97236	317.87422	295.20163	255.17005	209.62573	212.49346	236.47169	240.07479
6250290.22	328.00434	355.42991	302.22460	299.37486	269.83353	230.31318	200.66293	197.26641	221.41850
6250240.22	354.53431	331.91187	326.50380	269.83705	282.10050	247.29076	209.38270	193.01429	183.93408
6250190.22	357.98733	304.50415	325.50928	284.56214	253.45708	270.12079	225.31550	199.98862	176.36614
6250140.22	353.29108	324.47859	285.23143	294.65530	254.09010	244.09761	244.82071	202.62569	179.88709
6250090.22	323.38166	320.81010	261.51899	278.51243	258.42084	222.83301	234.24801	217.89172	182.87966
6250040.22	299.17900	307.96273	275.39907	234.62545	257.99397	230.30689	197.68053	220.57198	207.44489

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NGDC ***
INCLUDING SOURCE(S): STCK1 , STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 333873.56	333923.56	333973.56	334023.56	334073.56	334123.56	334173.56	334223.56	334273.56
6251990.22	505.59574	551.31700	509.97392	435.81015	487.57586	482.67567	427.96413	335.17732	214.31980
6251940.22	575.79851	517.04486	469.51346	514.14665	494.91186	424.90850	330.96567	235.80853	218.14786
6251890.22	529.01462	503.76667	538.10188	501.77900	415.58930	311.99577	249.44101	223.71790	190.42211
6251840.22	538.82017	558.40710	502.03421	399.55826	266.66764	252.17575	215.30534	196.42651	169.59566
6251790.22	574.99706	495.38222	376.82268	276.31014	245.91924	213.42213	193.26784	156.00921	127.76351
6251740.22	481.59024	348.46881	276.05969	236.33201	210.78070	177.51402	142.17176	130.27937	126.55120
6251690.22	303.23602	265.09697	231.25062	196.90574	156.00461	139.37226	133.84477	135.23846	129.09665
6251640.22	265.07606	221.55519	179.44665	148.72908	144.97164	146.26893	136.82472	129.65367	117.59408
6251590.22	206.74015	158.93241	151.94720	154.28447	143.30734	135.24254	125.20193	132.74190	143.78622
6251540.22	162.59778	158.67080	144.03572	133.82701	142.06024	154.60204	156.62394	156.46078	148.84353

6251490.22	156.90343	145.95501	150.66269	166.38873	171.01733	161.05800	144.13699	147.10210	148.09040
6251440.22	180.41542	181.54192	171.48904	162.09438	177.37375	168.89969	156.62394	162.53197	155.03782
6251390.22	193.79842	183.45901	174.52213	195.20669	190.51776	165.57667	146.55620	148.99930	137.78281
6251340.22	234.72901	208.28491	190.31663	179.21633	165.72575	167.14660	171.95734	174.30822	173.69589
6251290.22	222.29462	221.91502	225.11199	230.66542	238.70182	236.79561	231.28143	223.84814	215.04627
6251240.22	316.41924	296.42769	287.54506	284.24045	277.14608	266.56135	250.89920	236.51348	221.79115
6251190.22	337.36426	311.00207	293.53424	280.79334	261.59569	241.45102	224.10672	208.78040	203.93451
6251140.22	350.44562	348.25146	338.31542	326.85171	315.13899	302.91479	290.16887	277.65612	265.02959
6251090.22	425.84536	413.47059	397.35866	381.36220	365.24147	348.97126	333.07978	316.99126	300.18970
6251040.22	404.72899	395.40007	382.53049	368.87472	354.52282	339.67083	316.18528	297.08928	287.37499
6250990.22	296.65838	293.65680	288.62907	282.23648	273.69658	257.90508	239.53257	233.41212	224.31543
6250940.22	205.29508	196.60716	192.79995	186.20318	173.50802	167.39787	165.00777	162.85799	158.78881
6250890.22	238.18541	211.33589	185.51375	157.96422	156.27866	153.41615	145.94108	142.26733	137.09370
6250840.22	289.63764	264.31060	248.56084	218.08749	181.22518	160.32360	142.09517	138.88236	132.84524
6250790.22	288.86433	264.06719	266.56680	248.33855	215.95586	192.12620	177.60907	165.04397	132.30809
6250740.22	350.17430	368.61701	314.22314	252.77199	232.12381	203.58258	195.41589	149.52866	117.45891
6250690.22	449.39898	437.75560	400.98560	360.22775	307.16327	264.57437	215.50812	193.37955	157.36058
6250640.22	397.47384	445.80935	431.23202	400.97219	367.84739	321.69642	261.32533	246.60383	229.66181
6250590.22	296.37229	359.55844	380.90540	379.46352	383.34078	361.07000	322.10953	311.11260	286.32776
6250540.22	256.96747	251.60609	264.34112	297.43796	326.67267	336.35741	334.05172	334.76105	313.12799
6250490.22	226.40776	231.49342	249.36235	229.01642	233.78310	263.46846	300.17639	306.89873	310.90154
6250440.22	269.95435	229.82219	251.36549	250.43621	227.75876	201.21093	222.83648	249.88000	266.84236
6250390.22	262.91595	266.43057	240.49526	223.21522	232.39900	221.10236	191.83133	177.43100	195.99296
6250340.22	208.93451	238.15843	246.83551	215.47446	188.94209	203.99288	198.03471	178.81285	163.15603
6250290.22	230.35328	199.59563	205.24696	210.89511	207.42442	186.55422	169.12739	159.62734	179.61324
6250240.22	210.78387	215.18086	187.37206	172.34418	193.05391	199.37019	181.43466	141.79893	158.82667
6250190.22	174.57943	209.28176	200.70817	174.37271	154.43161	173.85643	181.12486	163.00169	138.01242
6250140.22	178.29974	171.67553	187.05232	187.57634	165.71368	136.19812	150.43217	159.98552	151.47137
6250090.22	183.84484	164.01700	153.99522	174.38417	174.30009	154.26983	128.53986	121.26293	124.69740
6250040.22	176.17428	166.42164	150.85682	140.14130	158.72039	156.76043	141.26319	110.59301	104.59276

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NGDC ***
INCLUDING SOURCE(S): STCK1 , STCK4 ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 334323.56	334373.56	334423.56	334473.56	334523.56	334573.56
6251990.22	210.07369	188.70663	164.08754	159.97159	140.62540	115.03505
6251940.22	187.75987	169.96228	152.56321	127.83683	108.29902	94.89912
6251890.22	177.07927	145.66671	120.90230	101.77662	97.34230	96.85409
6251840.22	136.81140	111.52965	106.22206	105.52936	104.40046	101.28471
6251790.22	116.87453	115.31382	114.90116	110.46669	104.99757	99.02154
6251740.22	126.90239	121.09222	114.76757	106.26436	99.24894	99.36108
6251690.22	123.88965	114.13603	110.54958	110.03077	117.92756	121.88842
6251640.22	117.86811	126.55203	132.63965	134.37206	130.86652	123.45919
6251590.22	146.78469	139.52371	134.23466	124.93137	111.55235	102.72639
6251540.22	136.22597	123.26917	123.65702	120.79210	116.05745	110.36688
6251490.22	141.62745	134.14154	131.94359	123.42026	111.25896	106.13487
6251440.22	142.59268	133.61876	122.71303	115.69131	118.68044	124.55542
6251390.22	143.00322	146.05638	147.57900	145.77402	141.41041	139.75739
6251340.22	171.68340	171.96425	171.14415	166.17827	159.17521	164.19947
6251290.22	207.06468	195.84675	188.71276	182.20905	168.91664	171.34253
6251240.22	207.97629	194.97224	182.85374	177.05230	174.79788	172.62213
6251190.22	196.66433	187.71907	182.45965	177.62447	171.12993	162.50290
6251140.22	252.86360	240.64238	228.35337	215.33761	203.68440	190.41377
6251090.22	284.45521	269.65547	254.89143	239.65632	226.73672	211.27071
6251040.22	278.79803	264.63621	249.60444	235.84837	222.99241	208.09186
6250990.22	224.32179	215.86114	205.08671	195.55106	186.33004	173.22938
6250940.22	155.47412	150.59696	146.52956	140.41049	133.79739	124.12967
6250890.22	127.40898	121.32908	121.48740	116.71198	110.96108	105.36523
6250840.22	124.53059	117.63226	116.20053	114.30187	109.78847	102.08329
6250790.22	130.08730	126.90544	121.73668	118.61424	118.59202	112.83030
6250740.22	124.82172	127.25141	134.86617	124.40137	114.34974	109.05816
6250690.22	138.64783	136.47136	148.01386	149.58880	136.86571	122.77626
6250640.22	193.95297	154.76479	142.75355	152.99460	143.01455	131.55897
6250590.22	235.33858	209.91330	173.10276	144.05006	138.25090	132.22662
6250540.22	278.71079	249.31899	204.42448	172.27832	146.91615	122.19485
6250490.22	284.18210	257.77728	234.93892	206.31081	185.02636	153.23118
6250440.22	270.38706	259.56653	248.17973	228.68453	204.27608	179.01339
6250390.22	218.69472	224.33515	228.22649	225.57934	213.33365	194.97527
6250340.22	154.95995	174.11047	186.16627	189.53241	193.19722	190.58567
6250290.22	164.61194	138.14221	135.34748	137.96080	148.25246	156.64834
6250240.22	158.74390	154.58873	142.81503	125.76402	114.94623	112.75428
6250190.22	129.36652	142.53677	147.92253	139.36632	123.78558	107.29237
6250140.22	126.99143	109.99046	127.17047	135.21897	130.25146	120.64281
6250090.22	124.82500	117.27960	110.74724	110.30591	117.91233	119.24698
6250040.22	111.87352	117.51465	117.66182	106.12478	97.17956	101.50924

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: NGDC ***
INCLUDING SOURCE(S): STCK1 , STCK4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
333127.00	6250815.00	640.89523	333032.00	6250831.00	525.94947
333010.00	6250890.00	585.51834	332939.00	6251028.00	688.45042
332953.00	6251077.00	989.14746	332905.00	6251107.00	2537.92521
332884.00	6251143.00	798.09779	332987.00	6251153.00	938.43199
332985.00	6251107.00	893.88392	332985.00	6251107.00	1942.95392
333288.00	6251156.00	305.07152			

**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE SUMMARY OF MAXIMUM PERIOD (8784 HRS) RESULTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
NG	1ST HIGHEST VALUE IS	4.11773	AT (333073.56, 6250940.22, 36.90, 43.00, 0.00)	GC	UCART2
	2ND HIGHEST VALUE IS	3.42781	AT (333023.56, 6250890.22, 30.10, 43.00, 0.00)	GC	UCART2
	3RD HIGHEST VALUE IS	3.23013	AT (333073.56, 6250890.22, 41.60, 41.60, 0.00)	GC	UCART2
	4TH HIGHEST VALUE IS	3.07956	AT (333073.56, 6250840.22, 25.60, 43.00, 0.00)	GC	UCART2
	5TH HIGHEST VALUE IS	3.04638	AT (333123.56, 6250840.22, 17.70, 43.00, 0.00)	GC	UCART2
	6TH HIGHEST VALUE IS	3.00849	AT (333010.00, 6250890.00, 26.00, 43.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	2.61121	AT (333123.56, 6250890.22, 27.70, 43.00, 0.00)	GC	UCART2
	8TH HIGHEST VALUE IS	2.48288	AT (333123.56, 6250940.22, 24.40, 43.00, 0.00)	GC	UCART2
	9TH HIGHEST VALUE IS	2.38471	AT (333023.56, 6250940.22, 33.20, 43.00, 0.00)	GC	UCART2
	10TH HIGHEST VALUE IS	2.09271	AT (333127.00, 6250815.00, 16.65, 43.00, 0.00)	DC	
DIESP	1ST HIGHEST VALUE IS	67.21879	AT (333073.56, 6251090.22, 14.30, 43.00, 0.00)	GC	UCART2
	2ND HIGHEST VALUE IS	54.18724	AT (333123.56, 6251040.22, 12.50, 43.00, 0.00)	GC	UCART2
	3RD HIGHEST VALUE IS	49.75732	AT (333073.56, 6251040.22, 25.30, 43.00, 0.00)	GC	UCART2
	4TH HIGHEST VALUE IS	48.92049	AT (333073.56, 6251240.22, 5.90, 111.00, 0.00)	GC	UCART2
	5TH HIGHEST VALUE IS	47.24929	AT (333123.56, 6251090.22, 9.20, 111.00, 0.00)	GC	UCART2
	6TH HIGHEST VALUE IS	43.79436	AT (333023.56, 6251090.22, 21.70, 43.00, 0.00)	GC	UCART2
	7TH HIGHEST VALUE IS	40.83980	AT (332985.00, 6251107.00, 21.80, 43.00, 38.00)	DC	
	8TH HIGHEST VALUE IS	38.34471	AT (333023.56, 6251140.22, 17.60, 43.00, 0.00)	GC	UCART2
	9TH HIGHEST VALUE IS	34.83378	AT (333073.56, 6251190.22, 9.50, 111.00, 0.00)	GC	UCART2
	10TH HIGHEST VALUE IS	34.80196	AT (333073.56, 6251140.22, 12.60, 43.00, 0.00)	GC	UCART2
DIESC	1ST HIGHEST VALUE IS	71.31285	AT (332985.00, 6251107.00, 21.80, 43.00, 38.00)	DC	

GROUP ID		AVERAGE CONC	XR	YR	ZELEV	ZHILL	ZFLAG	TYPE	NETWORK GRID-ID
	2ND HIGHEST VALUE IS	59.95586 AT (	333023.56,	6250990.22,	36.00,	36.00,	0.00)	GC	UCART2
	3RD HIGHEST VALUE IS	54.77610 AT (	333073.56,	6250990.22,	30.20,	43.00,	0.00)	GC	UCART2
	4TH HIGHEST VALUE IS	48.29064 AT (	333023.56,	6251040.22,	31.70,	38.00,	0.00)	GC	UCART2
	5TH HIGHEST VALUE IS	42.37671 AT (	333023.56,	6251140.22,	17.60,	43.00,	0.00)	GC	UCART2
	6TH HIGHEST VALUE IS	38.94977 AT (	333123.56,	6250990.22,	16.50,	43.00,	0.00)	GC	UCART2
	7TH HIGHEST VALUE IS	37.40448 AT (	333073.56,	6251040.22,	25.30,	43.00,	0.00)	GC	UCART2
	8TH HIGHEST VALUE IS	37.26782 AT (	332973.56,	6251090.22,	23.70,	43.00,	0.00)	GC	UCART2
	9TH HIGHEST VALUE IS	36.92026 AT (	333073.56,	6250940.22,	36.90,	43.00,	0.00)	GC	UCART2
	10TH HIGHEST VALUE IS	36.05449 AT (	332973.56,	6251040.22,	27.50,	43.00,	0.00)	GC	UCART2
NGDP	1ST HIGHEST VALUE IS	67.78835 AT (	333073.56,	6251090.22,	14.30,	43.00,	0.00)	GC	UCART2
	2ND HIGHEST VALUE IS	54.96030 AT (	333123.56,	6251040.22,	12.50,	43.00,	0.00)	GC	UCART2
	3RD HIGHEST VALUE IS	50.42621 AT (	333073.56,	6251040.22,	25.30,	43.00,	0.00)	GC	UCART2
	4TH HIGHEST VALUE IS	49.27929 AT (	333073.56,	6251240.22,	5.90,	111.00,	0.00)	GC	UCART2
	5TH HIGHEST VALUE IS	47.83166 AT (	333123.56,	6251090.22,	9.20,	111.00,	0.00)	GC	UCART2
	6TH HIGHEST VALUE IS	44.46794 AT (	333023.56,	6251090.22,	21.70,	43.00,	0.00)	GC	UCART2
	7TH HIGHEST VALUE IS	41.82595 AT (	332985.00,	6251107.00,	21.80,	43.00,	38.00)	DC	
	8TH HIGHEST VALUE IS	38.92353 AT (	333023.56,	6251140.22,	17.60,	43.00,	0.00)	GC	UCART2
	9TH HIGHEST VALUE IS	35.29046 AT (	333073.56,	6251140.22,	12.60,	43.00,	0.00)	GC	UCART2
	10TH HIGHEST VALUE IS	35.24875 AT (	333073.56,	6251190.22,	9.50,	111.00,	0.00)	GC	UCART2

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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE SUMMARY OF MAXIMUM PERIOD (8784 HRS) RESULTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR,	YR,	ZELEV,	ZHILL,	ZFLAG)	OF TYPE	NETWORK GRID-ID
NGDC	1ST HIGHEST VALUE IS	72.29900 AT (	332985.00,	6251107.00,	21.80,	43.00,	38.00)	DC	
	2ND HIGHEST VALUE IS	61.22650 AT (	333023.56,	6250990.22,	36.00,	36.00,	0.00)	GC	UCART2
	3RD HIGHEST VALUE IS	55.81182 AT (	333073.56,	6250990.22,	30.20,	43.00,	0.00)	GC	UCART2
	4TH HIGHEST VALUE IS	49.07193 AT (	333023.56,	6251040.22,	31.70,	38.00,	0.00)	GC	UCART2
	5TH HIGHEST VALUE IS	42.95552 AT (	333023.56,	6251140.22,	17.60,	43.00,	0.00)	GC	UCART2
	6TH HIGHEST VALUE IS	41.03799 AT (	333073.56,	6250940.22,	36.90,	43.00,	0.00)	GC	UCART2
	7TH HIGHEST VALUE IS	40.08198 AT (	333123.56,	6250990.22,	16.50,	43.00,	0.00)	GC	UCART2
	8TH HIGHEST VALUE IS	38.13247 AT (	332973.56,	6251090.22,	23.70,	43.00,	0.00)	GC	UCART2
	9TH HIGHEST VALUE IS	38.07336 AT (	333073.56,	6251040.22,	25.30,	43.00,	0.00)	GC	UCART2
	10TH HIGHEST VALUE IS	36.69837 AT (	332973.56,	6251040.22,	27.50,	43.00,	0.00)	GC	UCART2

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST MAX DAILY 1-HR RESULTS AVERAGED OVER 1 YEARS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR,	YR,	ZELEV,	ZHILL,	ZFLAG)	OF TYPE	NETWORK GRID-ID
NG	1ST HIGHEST VALUE IS	85.33716 AT (	333073.56,	6250940.22,	36.90,	43.00,	0.00)	GC	UCART2
	2ND HIGHEST VALUE IS	59.90360 AT (	333123.56,	6250840.22,	17.70,	43.00,	0.00)	GC	UCART2
	3RD HIGHEST VALUE IS	57.64216 AT (	333127.00,	6250815.00,	16.65,	43.00,	0.00)	DC	
	4TH HIGHEST VALUE IS	56.89146 AT (	333023.56,	6250890.22,	30.10,	43.00,	0.00)	GC	UCART2
	5TH HIGHEST VALUE IS	56.31806 AT (	333023.56,	6250940.22,	33.20,	43.00,	0.00)	GC	UCART2
	6TH HIGHEST VALUE IS	56.12643 AT (	333023.56,	6250990.22,	36.00,	36.00,	0.00)	GC	UCART2
	7TH HIGHEST VALUE IS	48.56572 AT (	332985.00,	6251107.00,	21.80,	43.00,	38.00)	DC	
	8TH HIGHEST VALUE IS	48.54544 AT (	333010.00,	6250890.00,	26.00,	43.00,	0.00)	DC	
	9TH HIGHEST VALUE IS	47.07737 AT (	333173.56,	6250890.22,	12.50,	93.00,	0.00)	GC	UCART2
	10TH HIGHEST VALUE IS	47.04033 AT (	333173.56,	6250840.22,	13.60,	93.00,	0.00)	GC	UCART2
DIESP	1ST HIGHEST VALUE IS	2486.21261 AT (	332923.56,	6251190.22,	18.30,	30.00,	0.00)	GC	UCART2
	2ND HIGHEST VALUE IS	2273.09675 AT (	333073.56,	6251240.22,	5.90,	111.00,	0.00)	GC	UCART2
	3RD HIGHEST VALUE IS	2126.63014 AT (	332873.56,	6251190.22,	26.20,	26.20,	0.00)	GC	UCART2
	4TH HIGHEST VALUE IS	1901.62292 AT (	332823.56,	6251190.22,	24.40,	24.40,	0.00)	GC	UCART2
	5TH HIGHEST VALUE IS	1871.61373 AT (	333073.56,	6251290.22,	6.40,	111.00,	0.00)	GC	UCART2
	6TH HIGHEST VALUE IS	1763.81356 AT (	332973.56,	6251190.22,	13.20,	43.00,	0.00)	GC	UCART2
	7TH HIGHEST VALUE IS	1673.95281 AT (	332773.56,	6251190.22,	18.40,	28.00,	0.00)	GC	UCART2
	8TH HIGHEST VALUE IS	1667.88972 AT (	333123.56,	6251290.22,	8.60,	111.00,	0.00)	GC	UCART2
	9TH HIGHEST VALUE IS	1621.53951 AT (	332623.56,	6251240.22,	15.70,	15.70,	0.00)	GC	UCART2
	10TH HIGHEST VALUE IS	1609.07140 AT (	332573.56,	6251240.22,	12.80,	21.00,	0.00)	GC	UCART2
DIESC	1ST HIGHEST VALUE IS	2677.11331 AT (	332923.56,	6251090.22,	20.00,	43.00,	0.00)	GC	UCART2
	2ND HIGHEST VALUE IS	2537.91461 AT (	332905.00,	6251107.00,	17.94,	43.00,	0.00)	DC	
	3RD HIGHEST VALUE IS	2359.29491 AT (	332873.56,	6251090.22,	16.90,	43.00,	0.00)	GC	UCART2
	4TH HIGHEST VALUE IS	1940.05919 AT (	332985.00,	6251107.00,	21.80,	43.00,	38.00)	DC	
	5TH HIGHEST VALUE IS	1748.38254 AT (	332673.56,	6251140.22,	20.50,	22.00,	0.00)	GC	UCART2
	6TH HIGHEST VALUE IS	1738.07814 AT (	333073.56,	6251240.22,	5.90,	111.00,	0.00)	GC	UCART2
	7TH HIGHEST VALUE IS	1713.73529 AT (	332723.56,	6251140.22,	16.40,	32.00,	0.00)	GC	UCART2
	8TH HIGHEST VALUE IS	1661.62436 AT (	333073.56,	6251190.22,	9.50,	111.00,	0.00)	GC	UCART2
	9TH HIGHEST VALUE IS	1646.74272 AT (	332623.56,	6251140.22,	20.60,	28.00,	0.00)	GC	UCART2
	10TH HIGHEST VALUE IS	1555.18095 AT (	332773.56,	6251140.22,	20.30,	32.00,	0.00)	GC	UCART2
NGDP	1ST HIGHEST VALUE IS	2486.23619 AT (	332923.56,	6251190.22,	18.30,	30.00,	0.00)	GC	UCART2
	2ND HIGHEST VALUE IS	2273.17872 AT (	333073.56,	6251240.22,	5.90,	111.00,	0.00)	GC	UCART2
	3RD HIGHEST VALUE IS	2126.65652 AT (	332873.56,	6251190.22,	26.20,	26.20,	0.00)	GC	UCART2
	4TH HIGHEST VALUE IS	1901.65404 AT (	332823.56,	6251190.22,	24.40,	24.40,	0.00)	GC	UCART2
	5TH HIGHEST VALUE IS	1884.68833 AT (	333073.56,	6251290.22,	6.40,	111.00,	0.00)	GC	UCART2
	6TH HIGHEST VALUE IS	1763.83524 AT (	332973.56,	6251190.22,	13.20,	43.00,	0.00)	GC	UCART2
	7TH HIGHEST VALUE IS	1673.99087 AT (	332773.56,	6251190.22,	18.40,	28.00,	0.00)	GC	UCART2
	8TH HIGHEST VALUE IS	1668.10543 AT (	333123.56,	6251290.22,	8.60,	111.00,	0.00)	GC	UCART2
	9TH HIGHEST VALUE IS	1621.61479 AT (	332623.56,	6251240.22,	15.70,	15.70,	0.00)	GC	UCART2
	10TH HIGHEST VALUE IS	1609.15699 AT (	332573.56,	6251240.22,	12.80,	21.00,	0.00)	GC	UCART2

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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST MAX DAILY 1-HR RESULTS AVERAGED OVER 1 YEARS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR,	YR,	ZELEV,	ZHILL,	ZFLAG)	OF TYPE	NETWORK GRID-ID
NGDC	1ST HIGHEST VALUE IS	2677.12106 AT (	332923.56,	6251090.22,	20.00,	43.00,	0.00)	GC	UCART2
	2ND HIGHEST VALUE IS	2537.92521 AT (	332905.00,	6251107.00,	17.94,	43.00,	0.00)	DC	
	3RD HIGHEST VALUE IS	2359.30616 AT (	332873.56,	6251090.22,	16.90,	43.00,	0.00)	GC	UCART2
	4TH HIGHEST VALUE IS	1942.95392 AT (	332985.00,	6251107.00,	21.80,	43.00,	38.00)	DC	
	5TH HIGHEST VALUE IS	1748.43232 AT (	332673.56,	6251140.22,	20.50,	22.00,	0.00)	GC	UCART2
	6TH HIGHEST VALUE IS	1738.16012 AT (	333073.56,	6251240.22,	5.90,	111.00,	0.00)	GC	UCART2
	7TH HIGHEST VALUE IS	1713.77458 AT (	332723.56,	6251140.22,	16.40,	32.00,	0.00)	GC	UCART2
	8TH HIGHEST VALUE IS	1661.62436 AT (	333073.56,	6251190.22,	9.50,	111.00,	0.00)	GC	UCART2
	9TH HIGHEST VALUE IS	1646.80384 AT (	332623.56,	6251140.22,	20.60,	28.00,	0.00)	GC	UCART2
	10TH HIGHEST VALUE IS	1555.21107 AT (	332773.56,	6251140.22,	20.30,	32.00,	0.00)	GC	UCART2

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

♀ *** AERMOD - VERSION 15181 *** *** C:\Proj\Star\NOx.isc *** 03/17/17
*** AERMET - VERSION 15181 *** *** NO2 *** 17:07:31
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**MODELOPTs: NonDFAULT CONC ELEV FLGPOL ARM BETA RURAL LW2 ADJ_U* BULKRN

*** Message Summary : AERMOD Model Execution ***

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 --------- Summary of Total Messages --------

A Total of            0 Fatal Error Message(s)
A Total of          104 Warning Message(s)
A Total of       675506 Informational Message(s)

A Total of         8784 Hours Were Processed

A Total of            0 Calm Hours Identified

A Total of            0 Missing Hours Identified (  0.00 Percent)


   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
CO W122       21       MODOPT: LowWind2 Beta Option specified on MODELOPT Keyword   Non-DFAULT
CO W132       21       MODOPT: Minimum sigmav value (SVmin) for LW2/LW3 Beta Opt       0.3 m/s
CO W133       21       MODOPT: Maximum FRAN value (FRANmax) for LW2/LW3 Beta Opt        0.95
CO W380       27   ARM_Ratios: This Input Variable is Out-of-Range:              ARM1hr > .80
CO W380       27   ARM_Ratios: This Input Variable is Out-of-Range:              ARM_Ann >.80
CO W112       28     LOW_WND: User-specified minimum Sigma-V on LOW_WIND Keyword      0.4000
CO W113       28     LOW_WND: User-specified minimum WindSpeed on LOW_WIND Keywd      0.5657
CO W114       28     LOW_WND: User-specified maximum FRAN on the LOW_WIND Keywrd      0.9500
CO W361       30      COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2 require MULTYEAR Opt
SO W299      162       SRCQA: SRCGROUP ALL is missing, but is NOT required for     ARM Option
ME W187      185      MEOPEN: ADJ_U* Beta Option for Low Winds used in AERMET      Non-DFAULT
ME W181      185      MEOPEN: BULKRN Delta-T & SolarRad option for SBL was used     in AERMET
MX W184      185      MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL17  1248m
MX W184      185      MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL18  1497m
MX W184      185      MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL19  1747m
MX W184      185      MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL20  1997m
MX W184      185      MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL21  2246m
MX W184      185      MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL22  2496m
MX W184      185      MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL23  2995m
MX W184      185      MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL24  3494m
MX W184      185      MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL25  3993m
MX W184      185      MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL26  4492m
MX W184      185      MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL27  4992m
MX W184      185      MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL28  5990m
MX W184      185      MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL29  6988m
MX W184      185      MEOPEN: PROFFILE heights > 999m; inputs could be from MMIF LVL30  7986m
MX W394        1      METEXT: Met data may be from outdated version of AERMET:     No NAD/ADJ
MX W439      359       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15011523
MX W439      742       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15013122
MX W439     1058       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15021402
MX W439     1346       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15022602
MX W439     1377       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15022709
MX W439     1497       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15030409
MX W439     1498       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15030410
MX W439     1499       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15030411
MX W439     1586       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15030802
MX W439     1587       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15030803
MX W439     1594       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15030810
MX W439     1739       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15031411
MX W439     1740       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15031412
MX W439     1742       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15031414
MX W439     2113       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15033001
MX W439     2114       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15033002
MX W439     2115       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15033003
MX W439     2536       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15041616
MX W439     2708       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15042320
MX W439     3297       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15051809
MX W439     3298       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15051810
MX W439     3452       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15052420
MX W439     3453       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15052421
MX W439     3454       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15052422
MX W439     3476       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15052520
MX W439     3477       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15052521
MX W439     3758       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15060614
MX W439     3759       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15060615
MX W439     3760       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15060616
MX W439     3762       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15060618
MX W439     3763       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15060619
MX W439     3884       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15061120
MX W439     3885       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15061121
MX W439     3886       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15061122
MX W439     3887       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15061123
MX W439     3910       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15061222
MX W439     3911       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15061223
MX W439     3912       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15061224
MX W439     4243       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15062619
MX W439     4244       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15062620
MX W439     4245       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15062621
MX W439     4308       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15062912
MX W439     4341       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15063021
MX W439     4535       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15070823
MX W439     4536       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15070824
MX W439     4537       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15070901
MX W439     4538       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15070902
MX W439     4821       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15072021
MX W439     4884       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15072312
MX W439     5532       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15081912
MX W439     5926       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15090422
MX W439     5927       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15090423
MX W439     6071       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15091023
MX W439     6072       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15091024
MX W439     6073       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15091101
MX W439     6108       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15091212
MX W439     6109       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15091213
MX W439     6120       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15091224
MX W439     6121       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15091301
MX W439     6122       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15091302
MX W439     6215       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15091623
MX W439     6216       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15091624
MX W439     6505       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15092901
MX W439     6563       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15100111
MX W439     6573       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15100121
MX W439     6671       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15100523
MX W439     6672       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15100524
MX W439     6946       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15101710
MX W439     6947       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15101711
MX W439     7230       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15102906
MX W439     7252       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15103004
MX W439     7253       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15103005
MX W439     7523       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15111011
MX W439     7992       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15112924
MX W439     8711       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15122923
MX W439     8712       METQA: Monin-Obukhov Length Out-of-Range.  KURDAT =          15122924
MX W481     8785        MAIN: Data Remaining After End of Year. Number of Hours=          24

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   *** AERMOD Finishes Successfully ***
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