

## Background Noise Monitoring Results – B.18

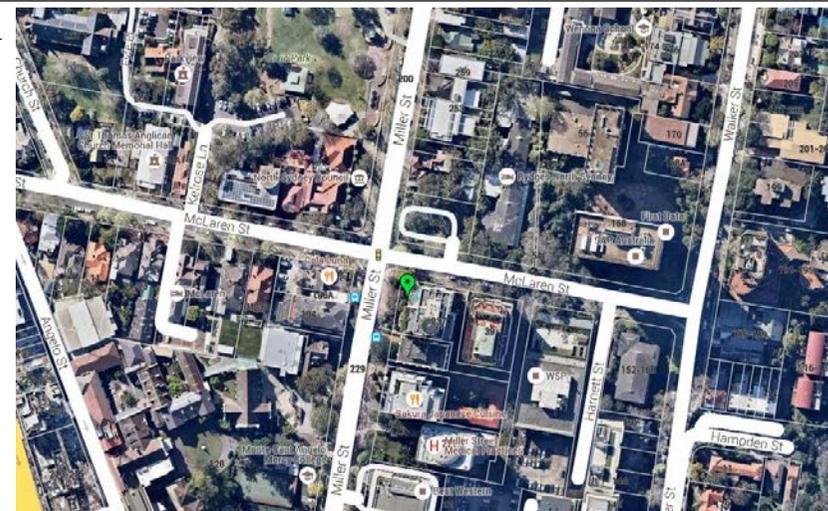
<b>Noise Monitoring Location:</b>	<b>B.18</b>
<b>Noise Monitoring Address:</b>	<b>237 Miller Street, North Sydney 2060</b>

Logger Device Type: ARL-EL316  
 Logger Serial No: 16-306-047

Ambient noise logger deployed on the western wall of the pool area in residential apartment building 237 Miller Street, North Sydney.

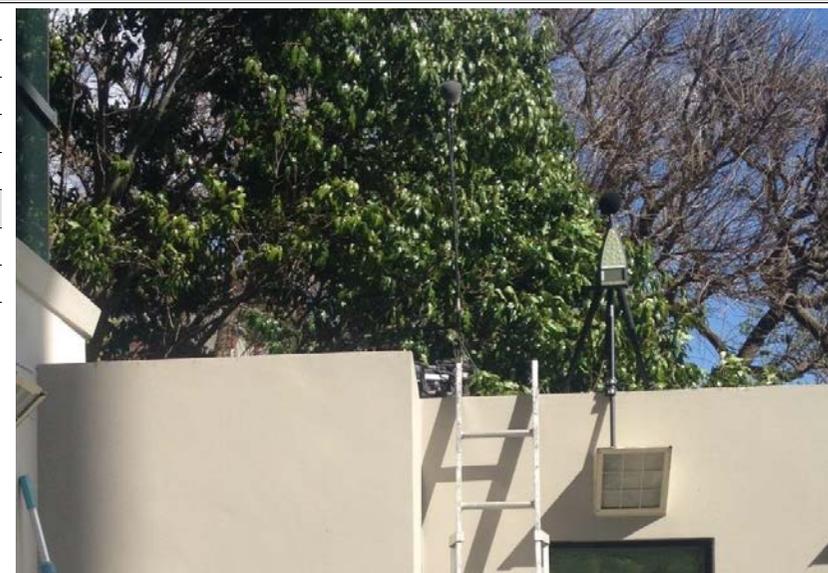
Attended noise measurements indicate that the ambient noise environment at this location is dominated by road traffic noise from Miller Street and McLaren Street. Surrounding tree rustling (wind) contributed to the LA90 (background) noise level throughout, as well as the “city hum” which is constant in this section of North Sydney.

**Map of Noise Monitoring Location**



<b>Ambient Noise Logging Results – INP Defined Time Periods</b>	<b>Photo of Noise Monitoring Location</b>
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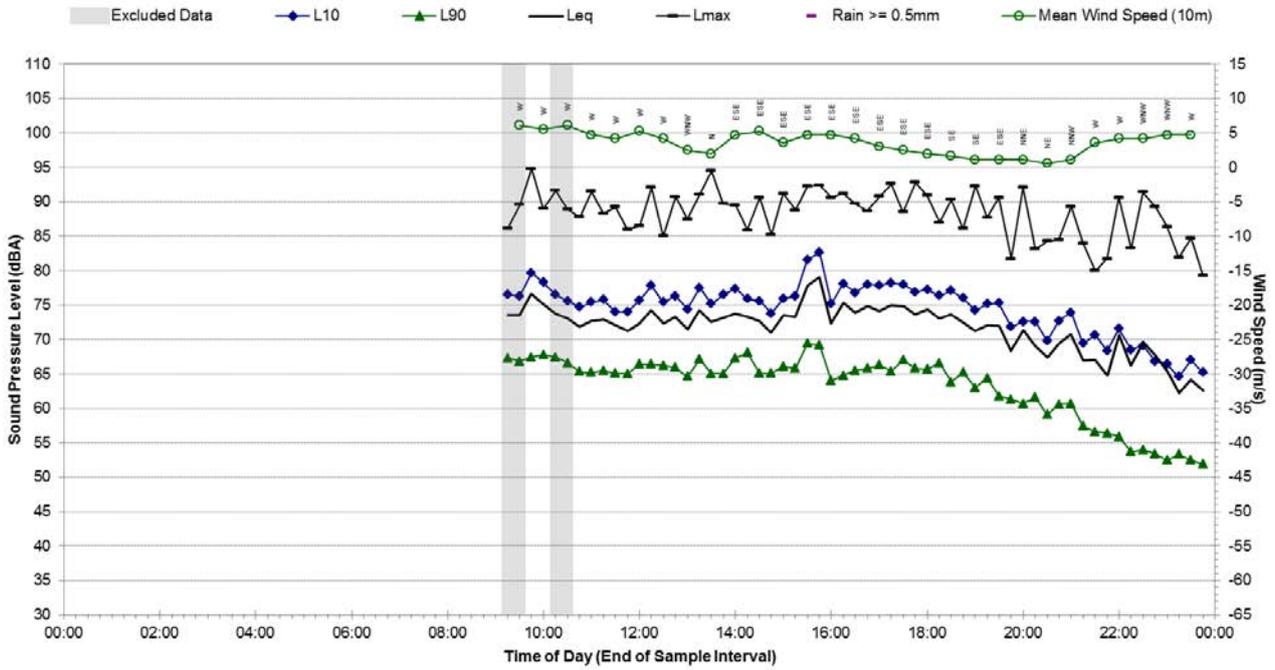
Monitoring Period	Noise Level (dBA)			
	RBL	LAeq	L10	L1
Daytime	65	74	76	83
Evening	57	71	72	81
Night-time	51	67	66	77



Attended Noise Measurement Results				
Date	Start Time	Measured Noise Level (dBA)		
		LA90	LAeq	LAmx
15/09/2015	09:53:07	59	72	96

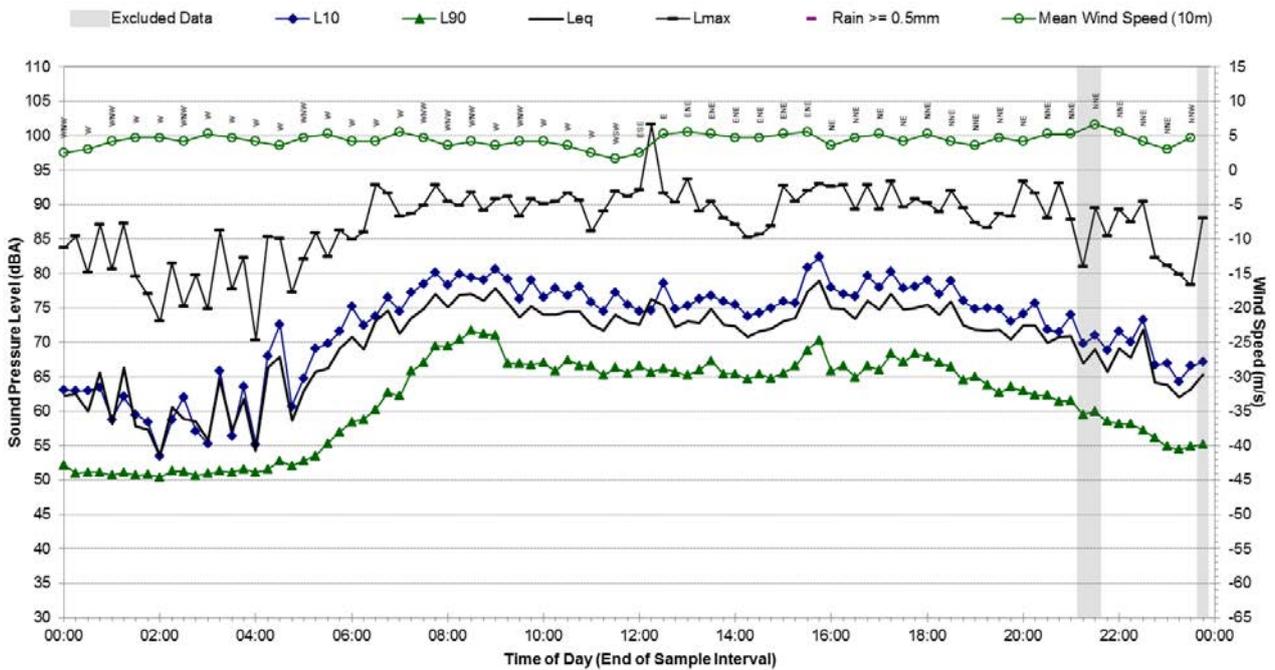
### Statistical Ambient Noise Levels

B.18 - Tuesday, 1 September 2015

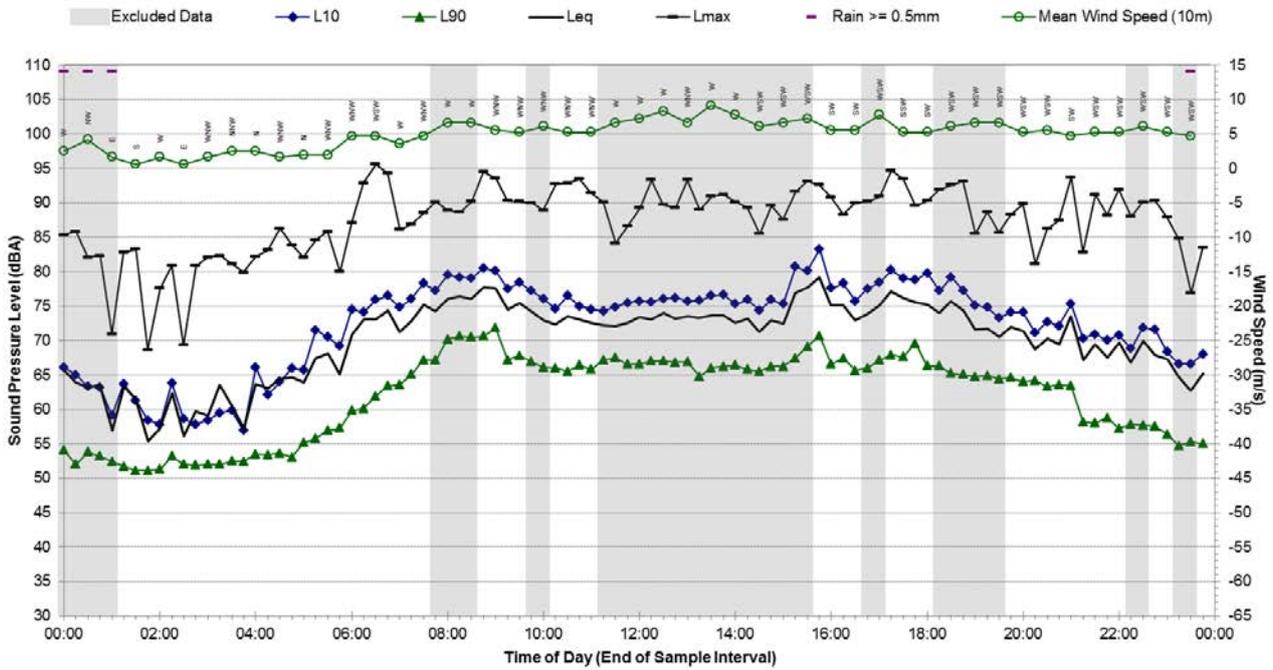


### Statistical Ambient Noise Levels

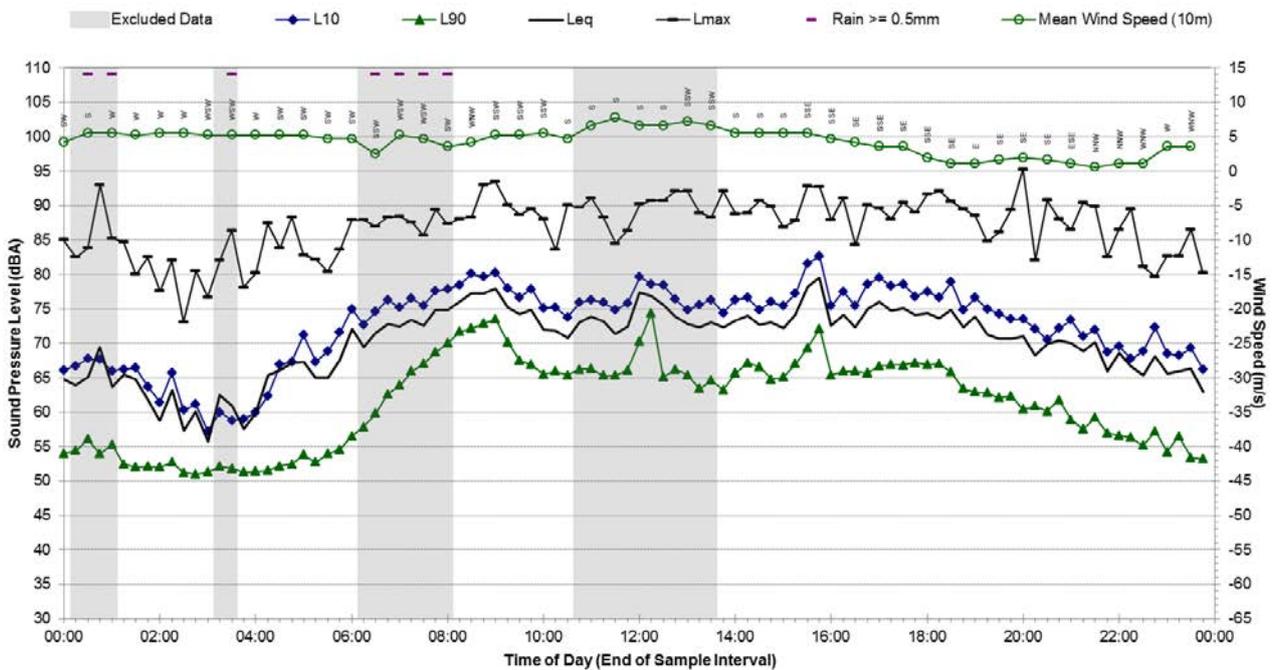
B.18 - Wednesday, 2 September 2015



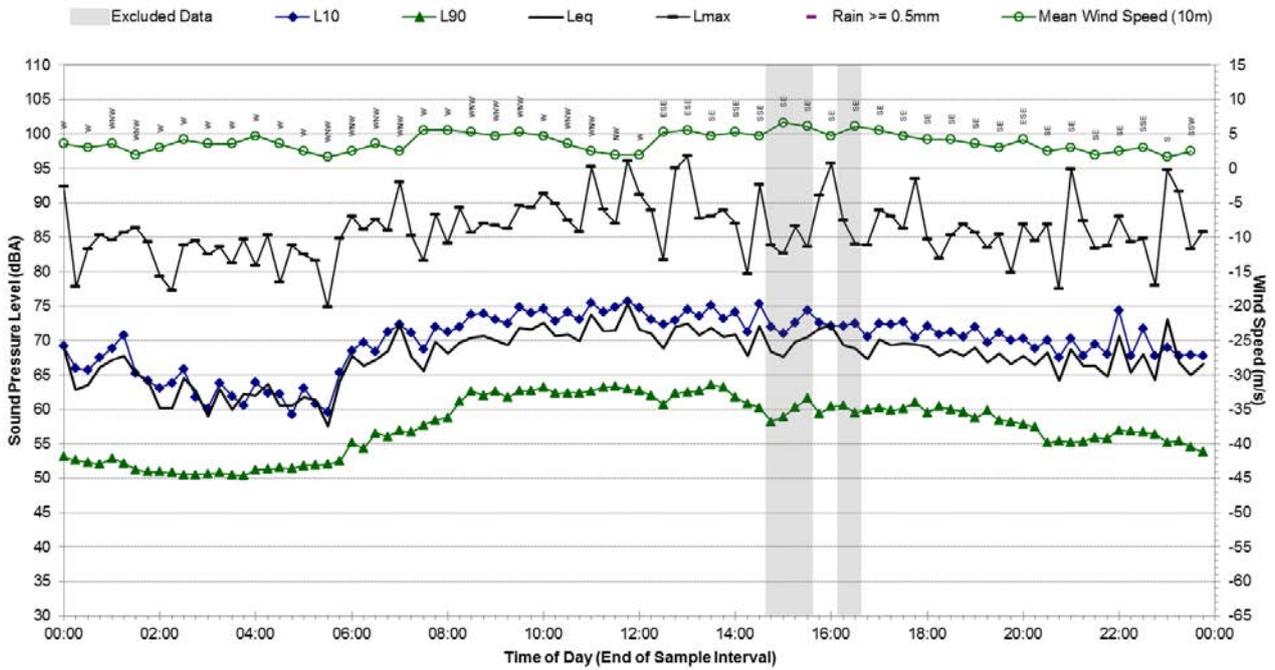
**Statistical Ambient Noise Levels**  
**B.18 - Thursday, 3 September 2015**



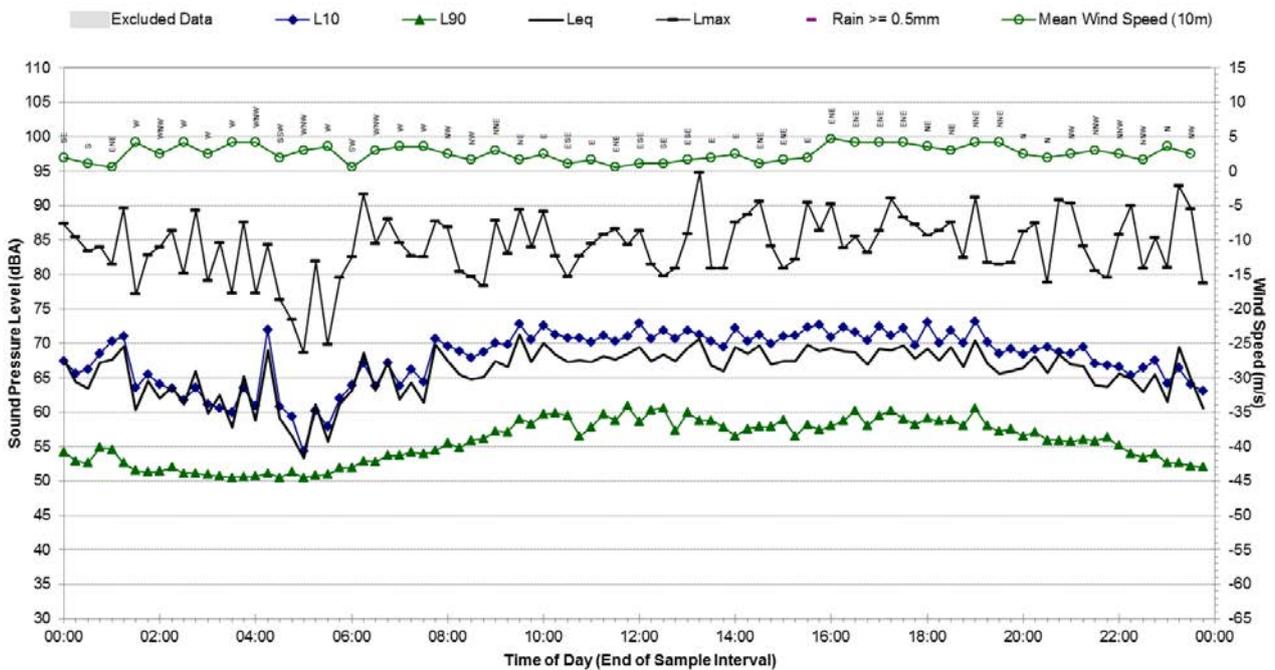
**Statistical Ambient Noise Levels**  
**B.18 - Friday, 4 September 2015**



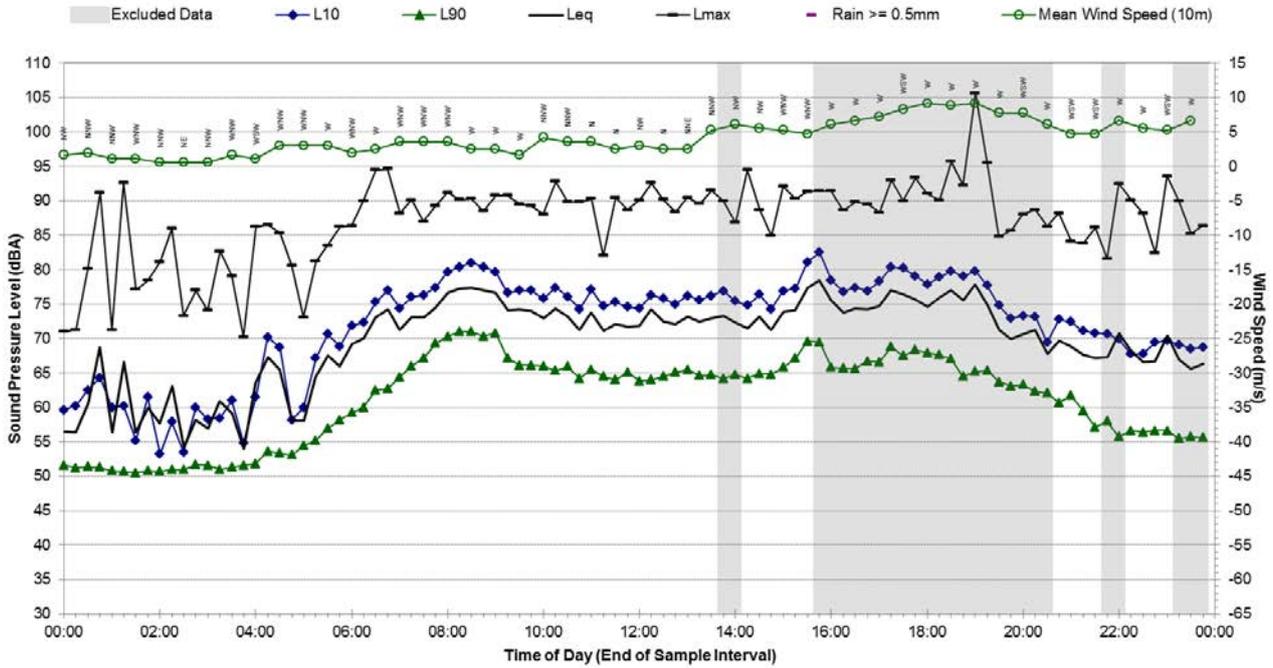
### Statistical Ambient Noise Levels B.18 - Saturday, 5 September 2015



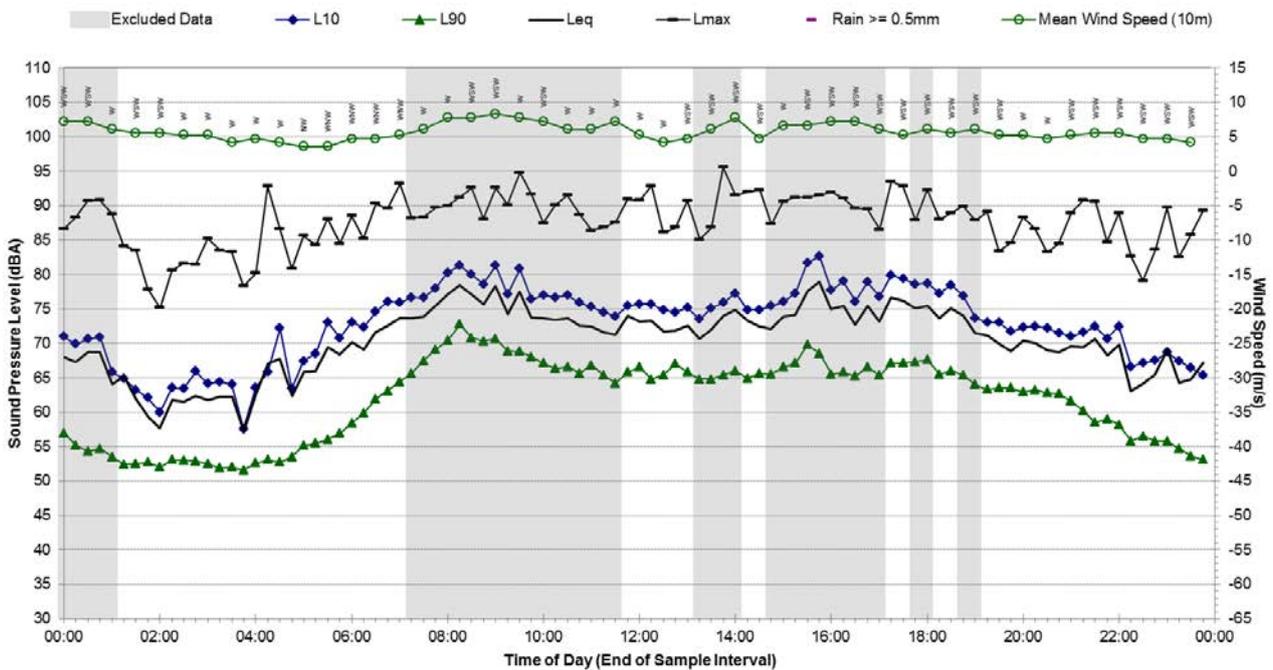
### Statistical Ambient Noise Levels B.18 - Sunday, 6 September 2015



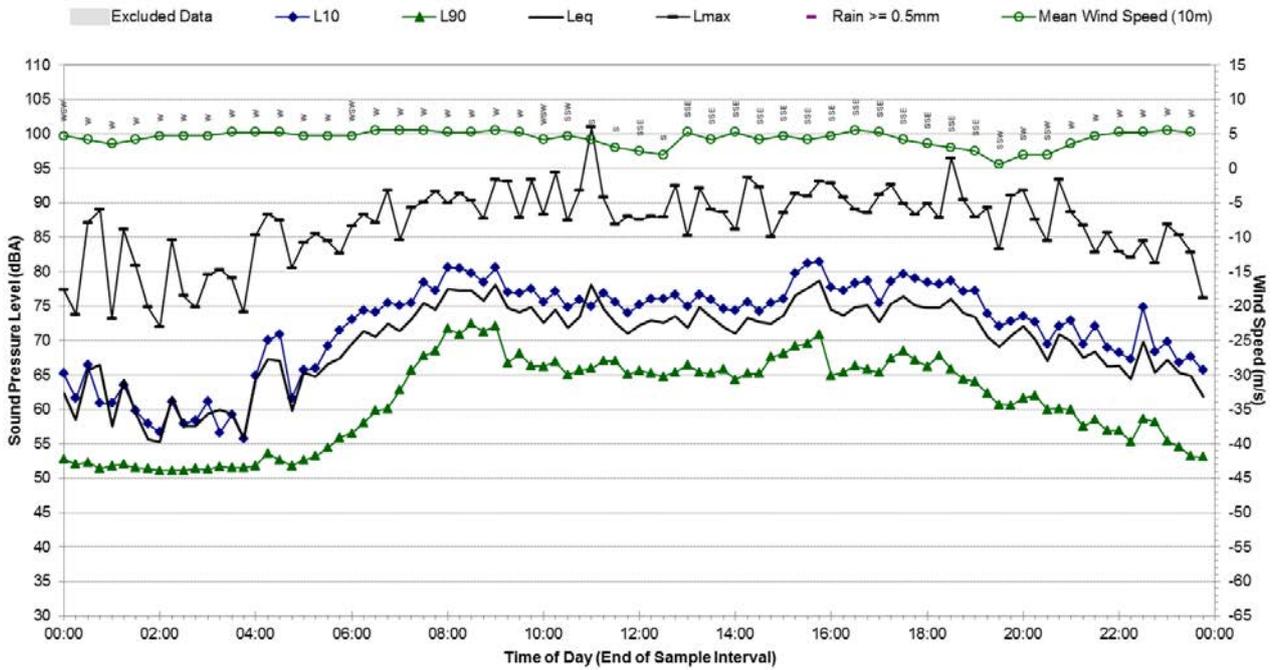
### Statistical Ambient Noise Levels B.18 - Monday, 7 September 2015



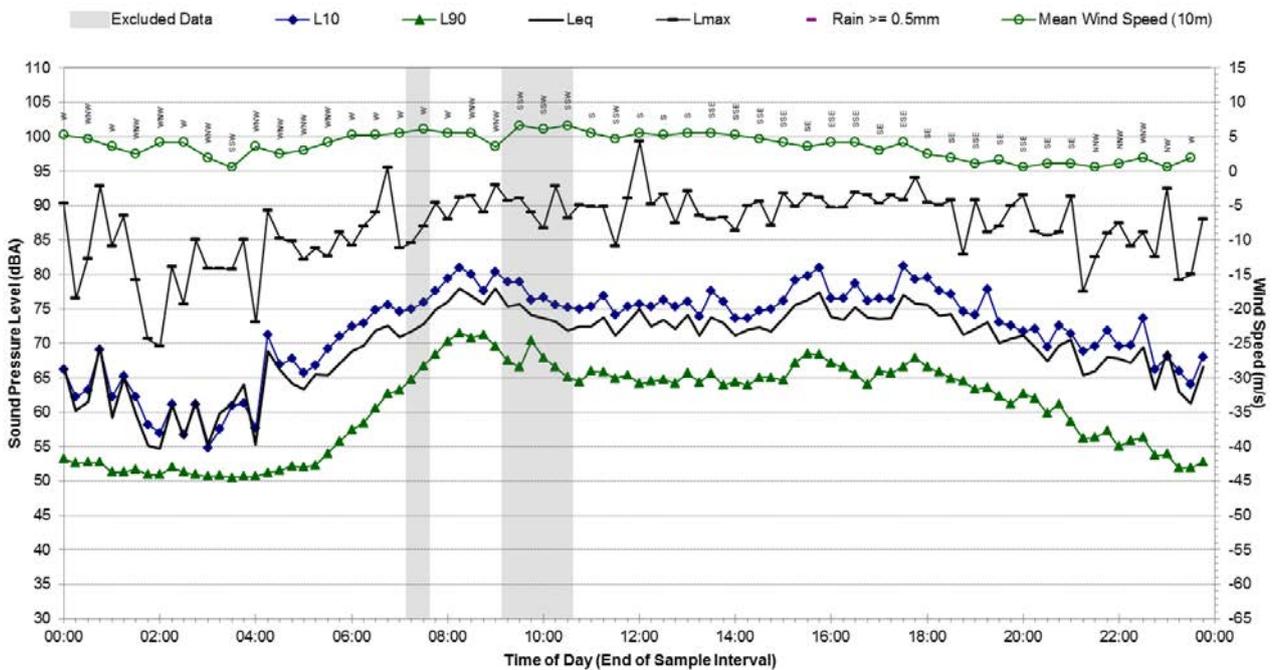
### Statistical Ambient Noise Levels B.18 - Tuesday, 8 September 2015



### Statistical Ambient Noise Levels B.18 - Wednesday, 9 September 2015

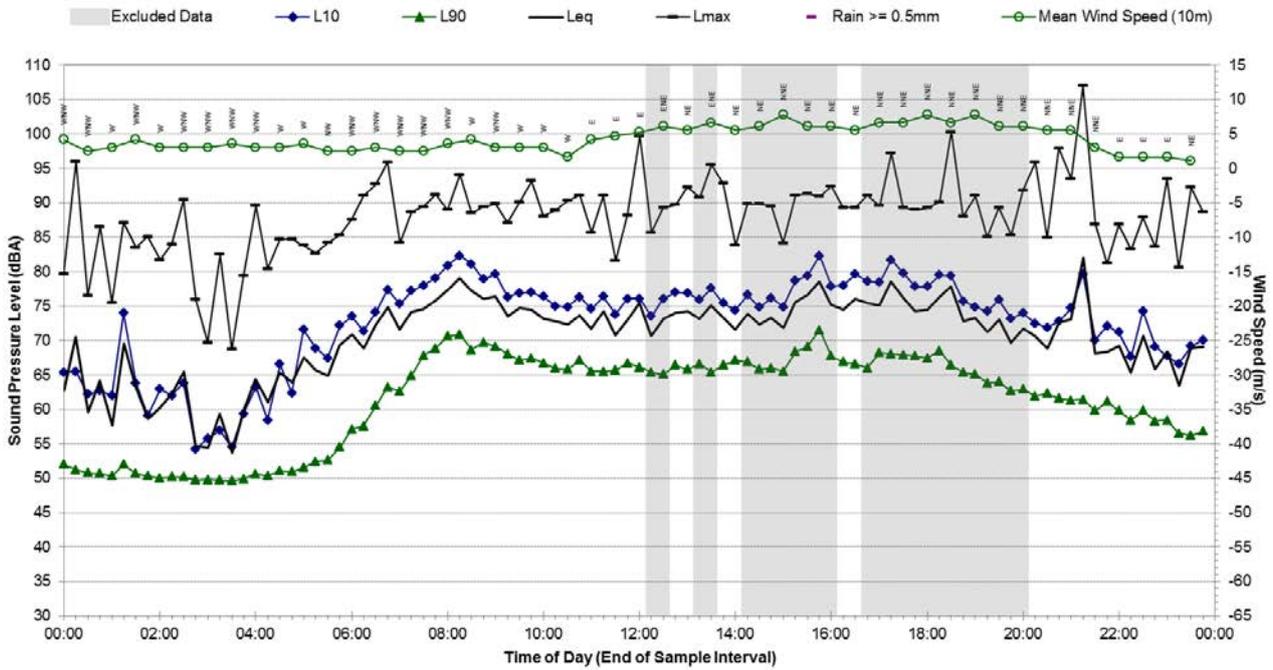


### Statistical Ambient Noise Levels B.18 - Thursday, 10 September 2015



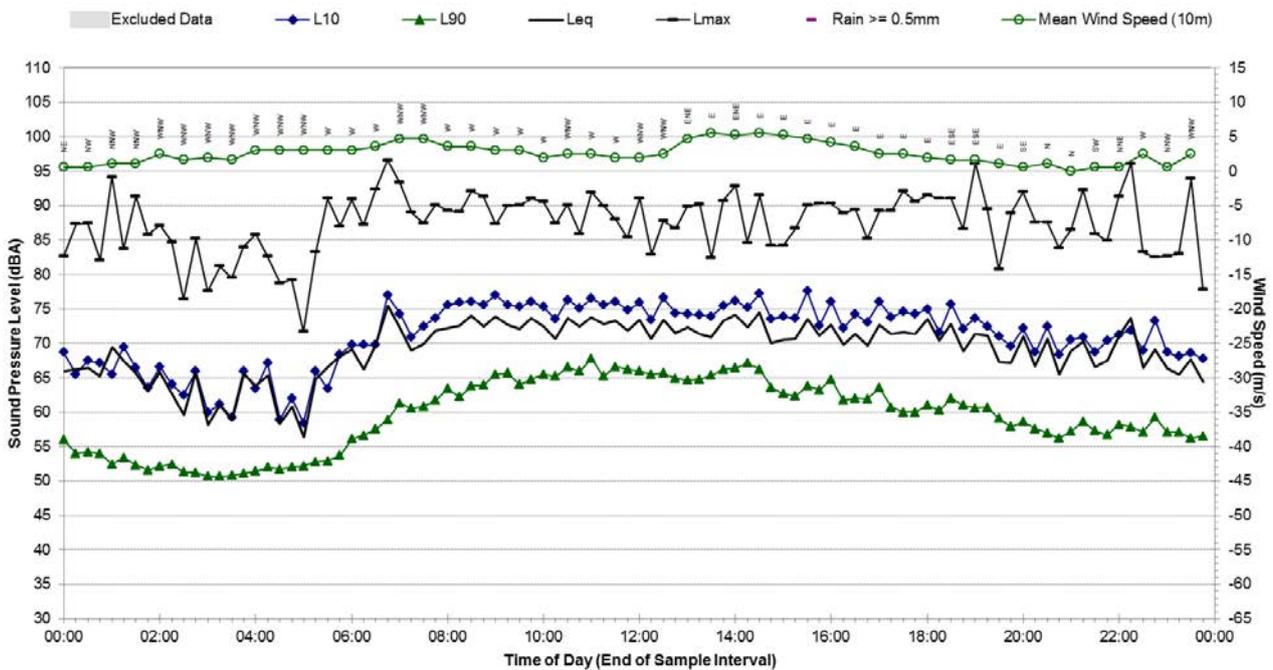
### Statistical Ambient Noise Levels

B.18 - Friday, 11 September 2015



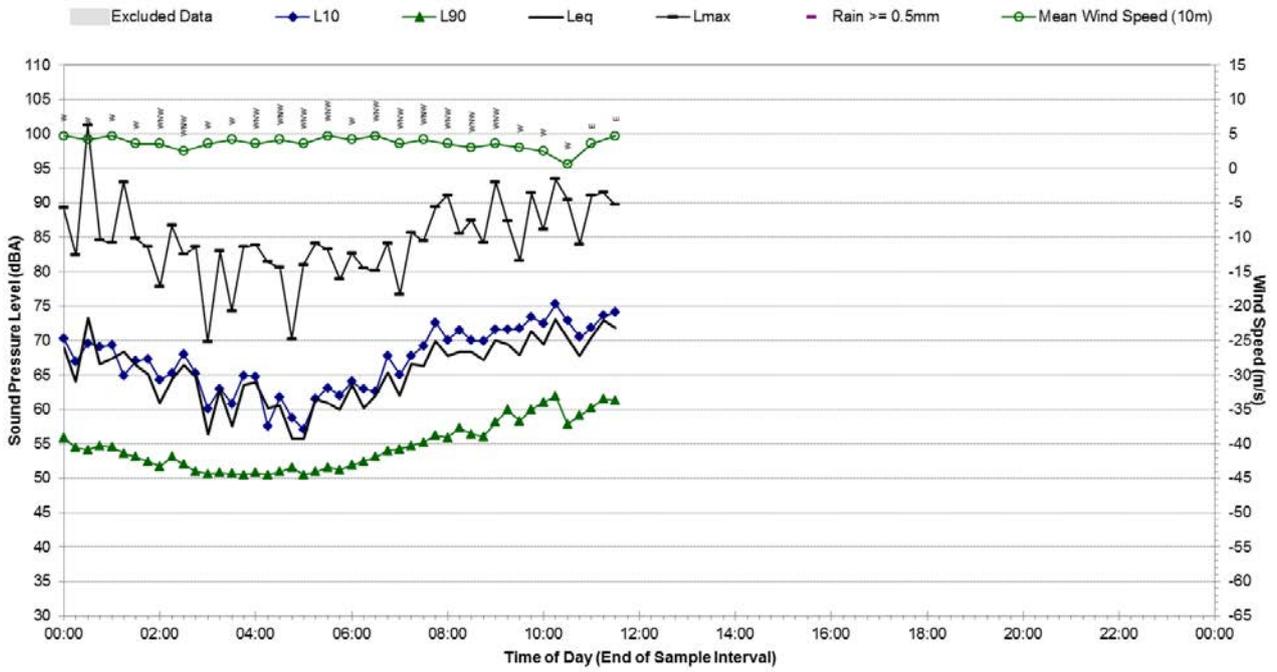
### Statistical Ambient Noise Levels

B.18 - Saturday, 12 September 2015



**Statistical Ambient Noise Levels**

**B.18 - Sunday, 13 September 2015**



# Appendix B.19

Report 610.14718

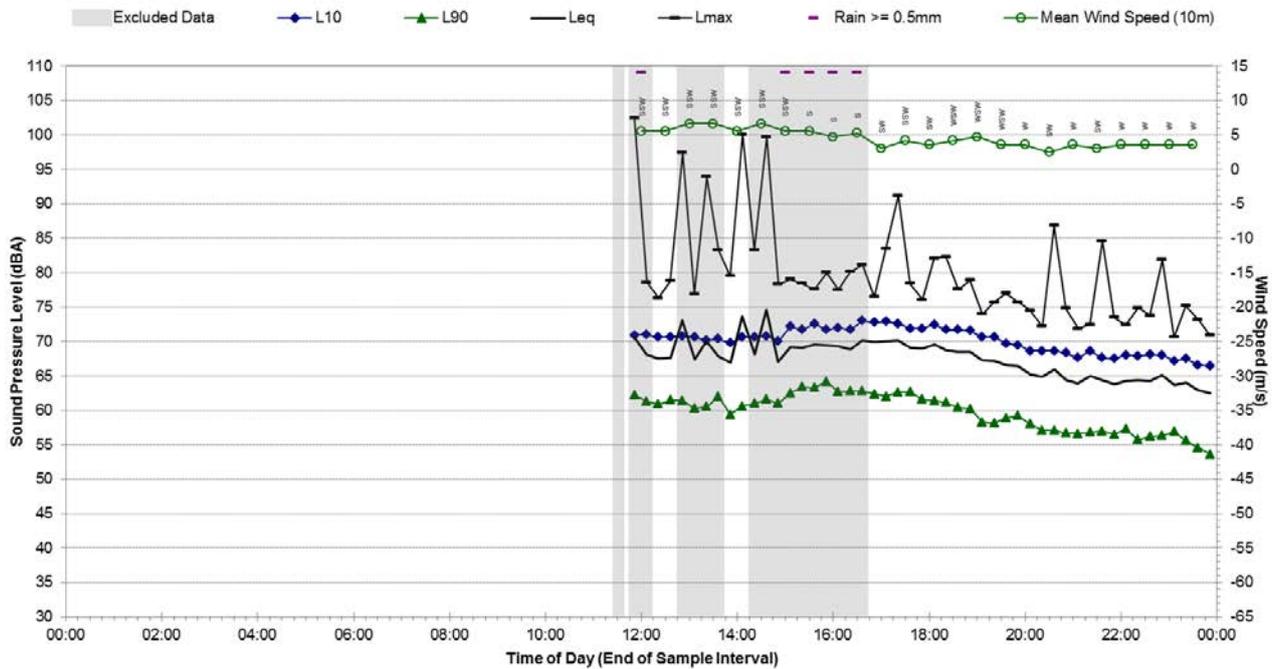
Page 151 of 204

## Background Noise Monitoring Results – B.19

<b>Noise Monitoring Location:</b> B.19		<b>Map of Noise Monitoring Location</b>		
<b>Noise Monitoring Address:</b> 420 Pacific Highway, Crows Nest 2065				
Logger Device Type: Svantek 957 Logger Serial No: 23241				
Ambient noise logger deployed on the roof of 420 Pacific Highway, Crows Nest. Logger located on the north eastern facade with noise catchment over Pacific Highway below.				
Attended noise measurements indicate that the ambient noise environment at this location is dominated by road traffic noise from Pacific Highway. Surrounding mechanical plant contributed to the LA90 (background) noise level throughout, as well as the constant road traffic along the main road below.		<b>Photo of Noise Monitoring Location</b>		
<b>Ambient Noise Logging Results – INP Defined Time Periods</b>				
Monitoring Period	Noise Level (dBA)			
	RBL	LAeq	L10	L1
Daytime	59	68	70	74
Evening	55	67	68	72
Night-time	50	62	64	69
<b>Attended Noise Measurement Results</b>				
Date	Start Time	Measured Noise Level (dBA)		
		LA90	LAeq	LAmx
19/06/2015	11:39:56	62	67	78

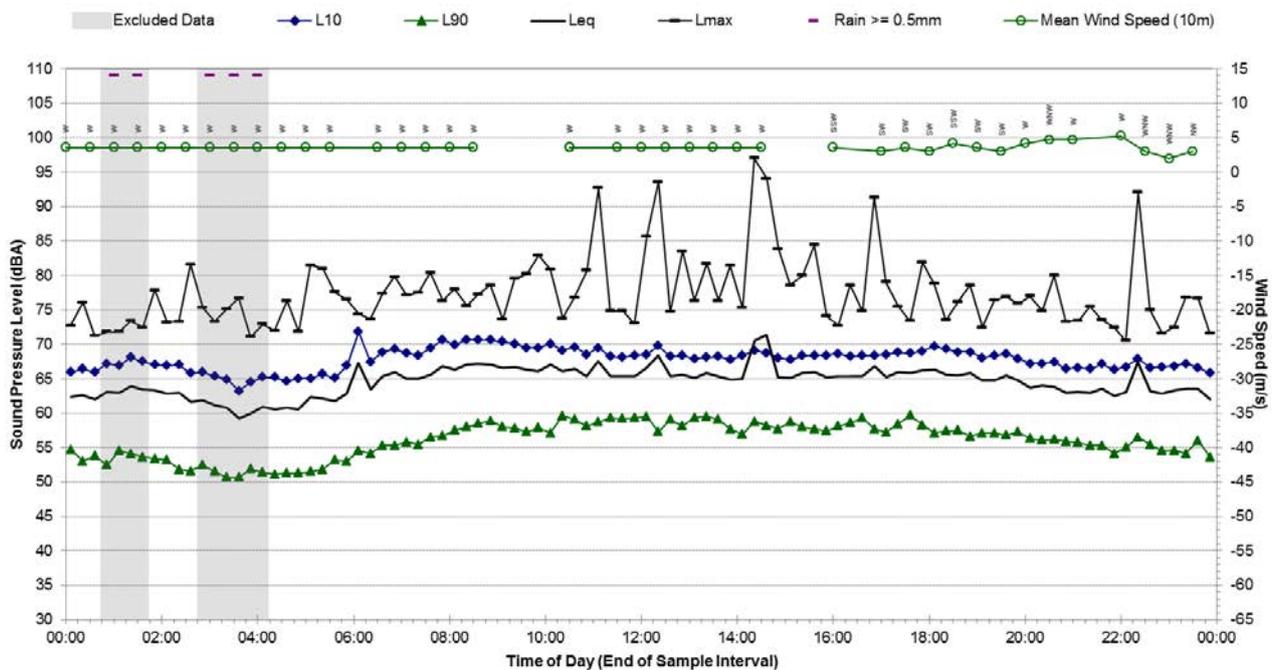
### Statistical Ambient Noise Levels

B.19 - Friday, 19 June 2015

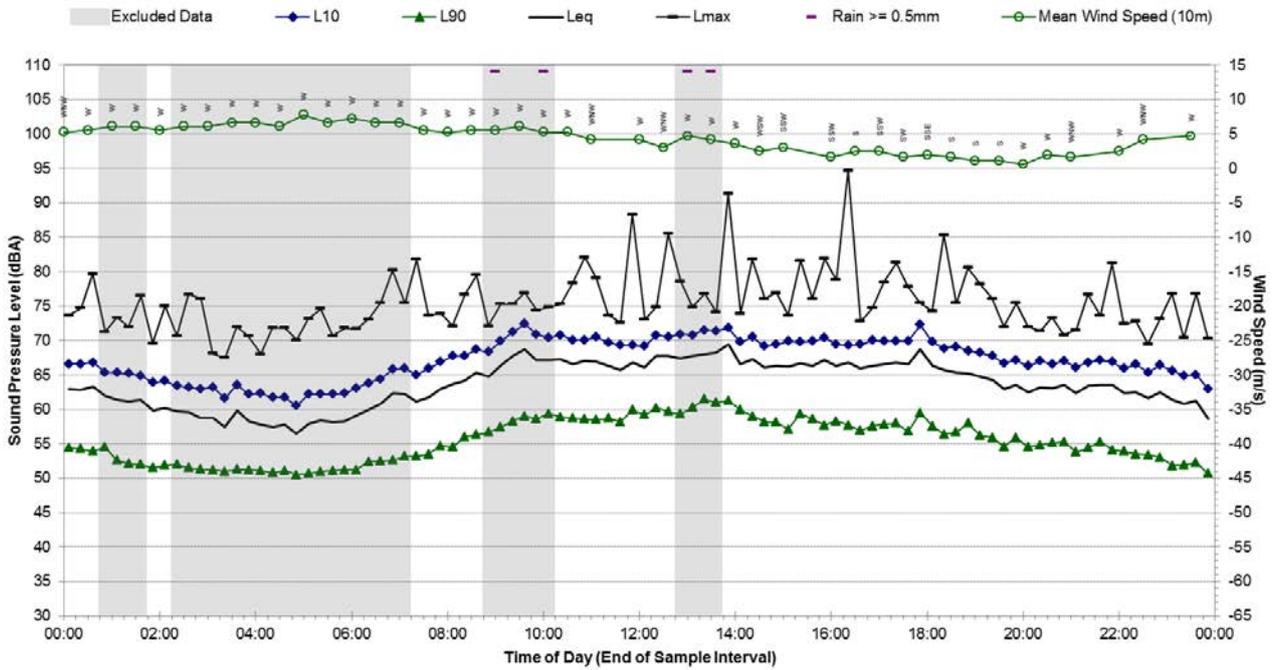


### Statistical Ambient Noise Levels

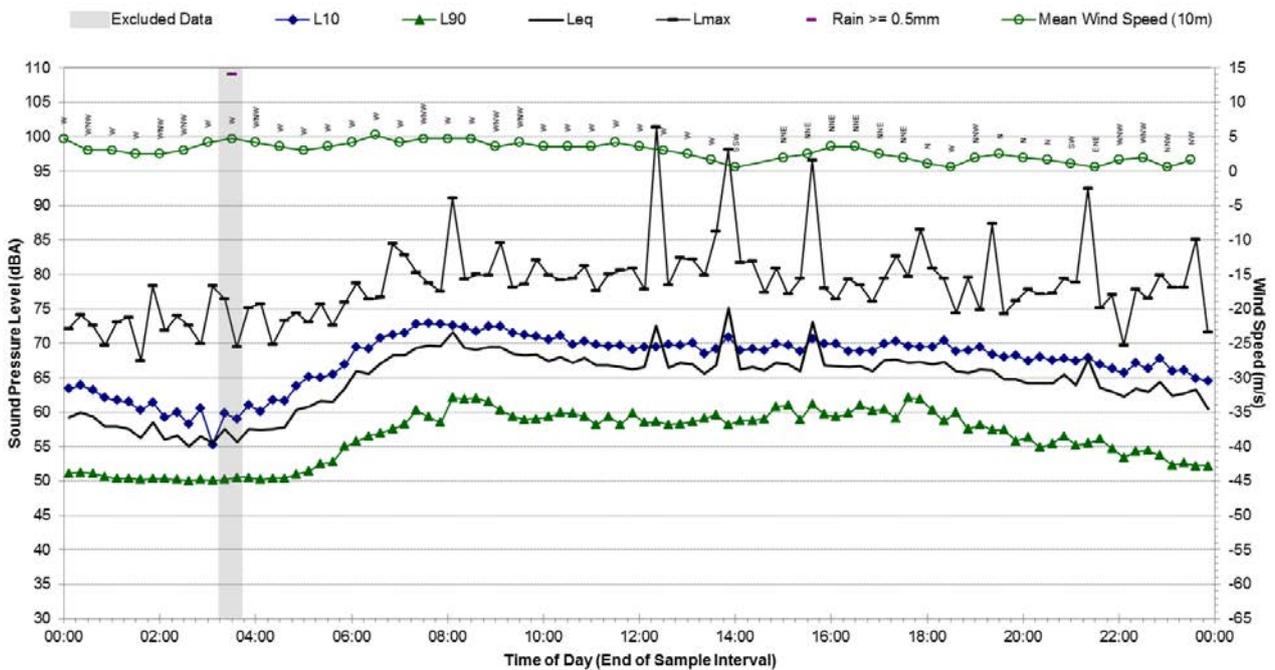
B.19 - Saturday, 20 June 2015



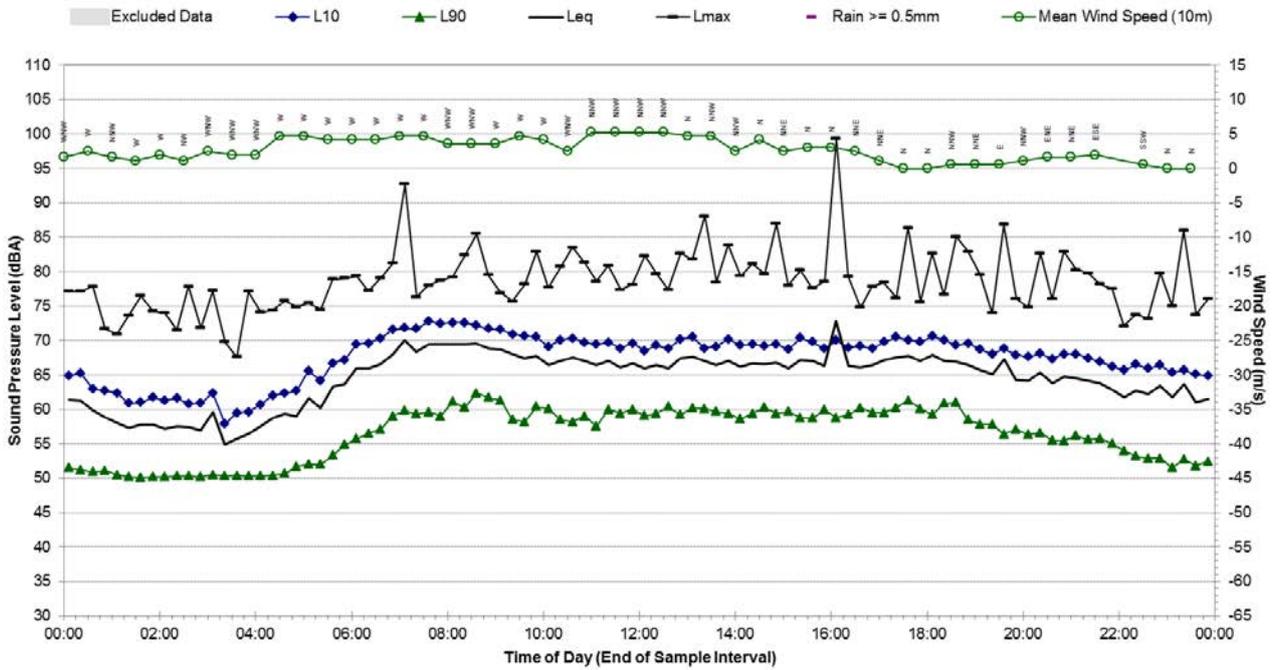
### Statistical Ambient Noise Levels B.19 - Sunday, 21 June 2015



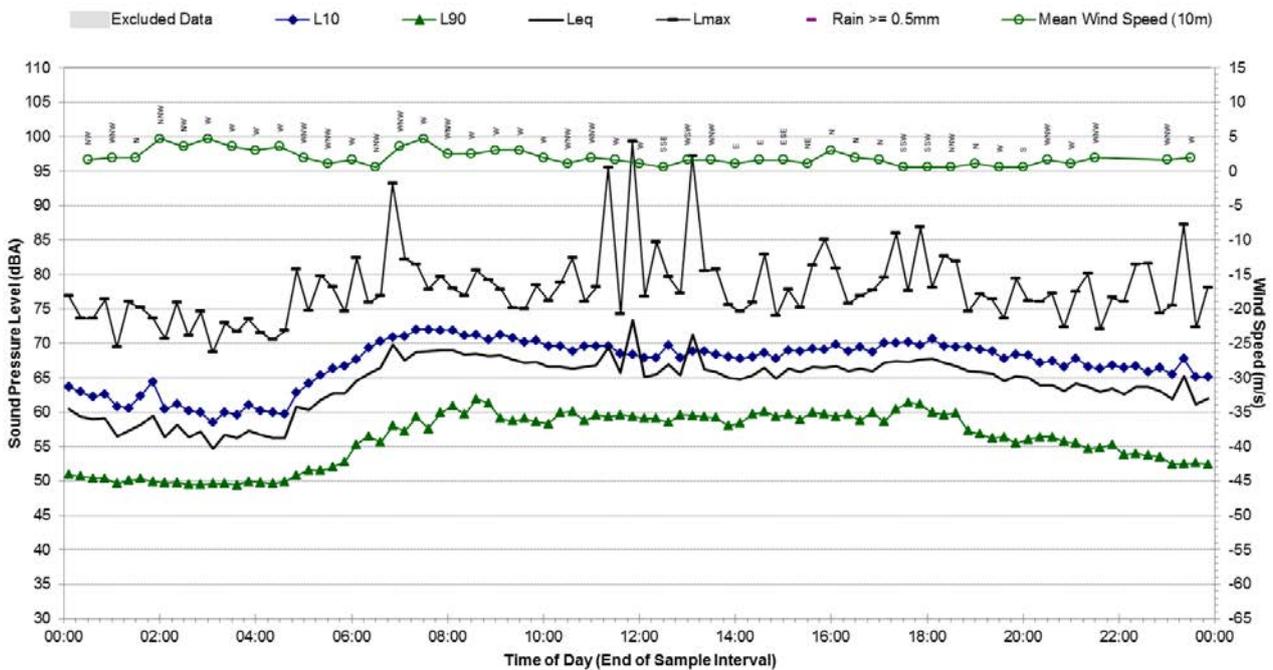
### Statistical Ambient Noise Levels B.19 - Monday, 22 June 2015



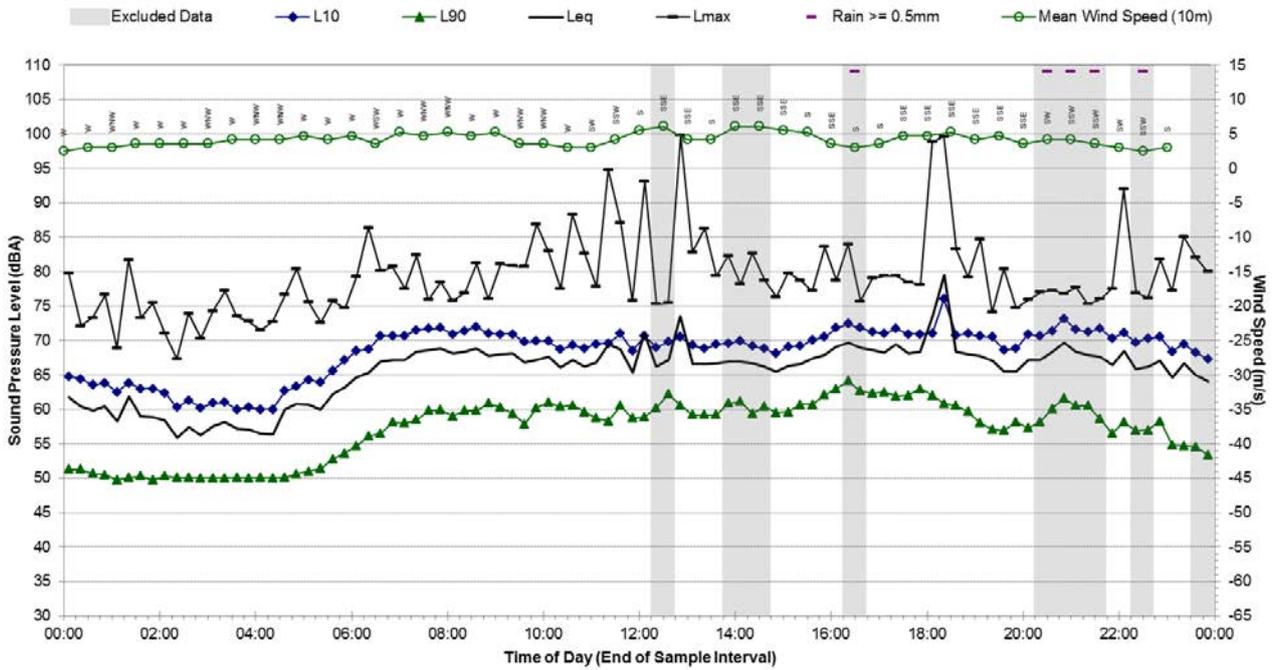
### Statistical Ambient Noise Levels B.19 - Tuesday, 23 June 2015



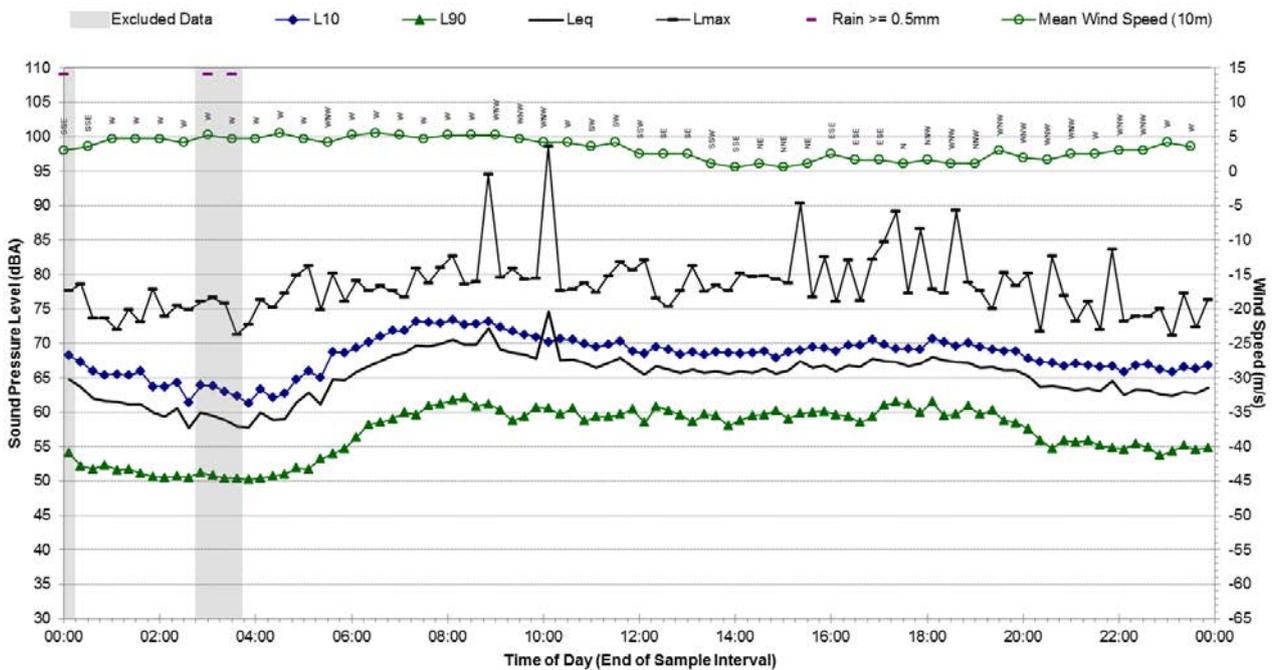
### Statistical Ambient Noise Levels B.19 - Wednesday, 24 June 2015



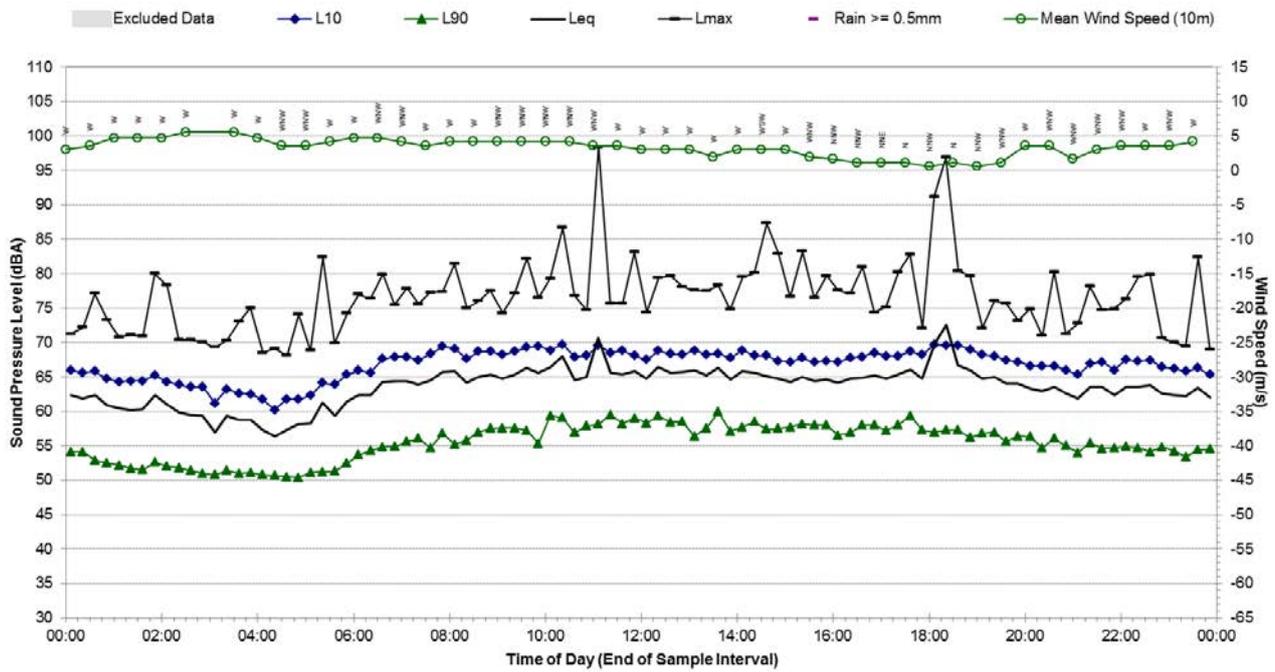
### Statistical Ambient Noise Levels B.19 - Thursday, 25 June 2015



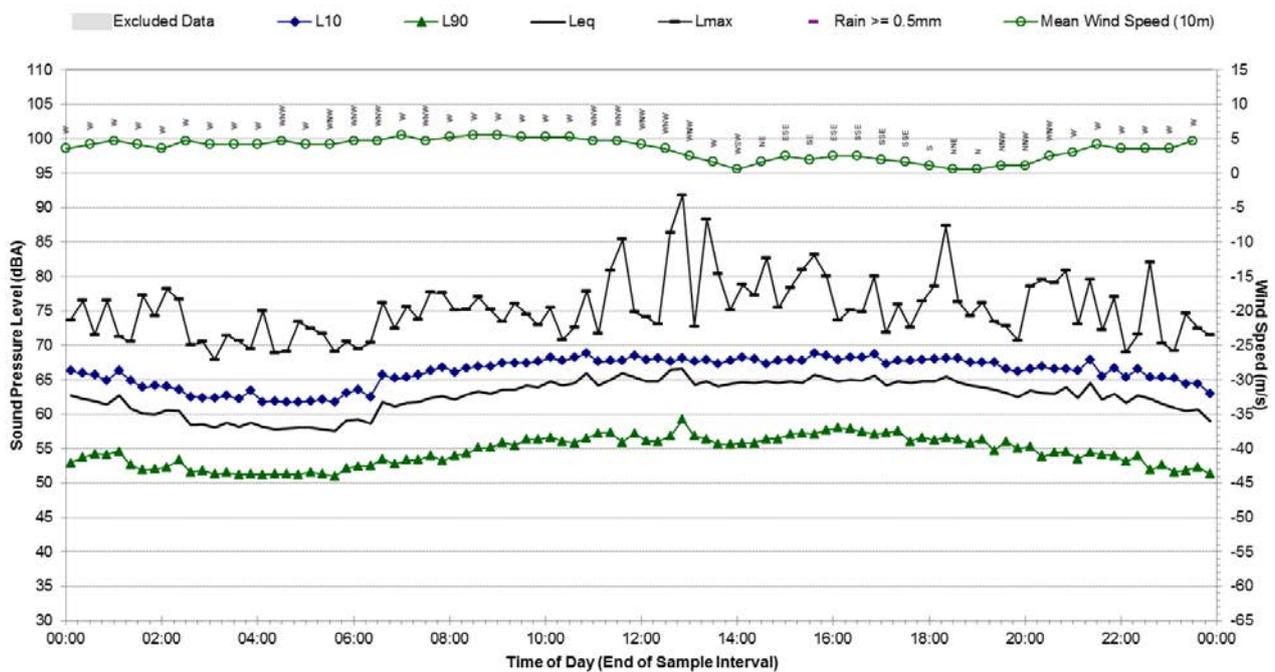
### Statistical Ambient Noise Levels B.19 - Friday, 26 June 2015



### Statistical Ambient Noise Levels B.19 - Saturday, 27 June 2015

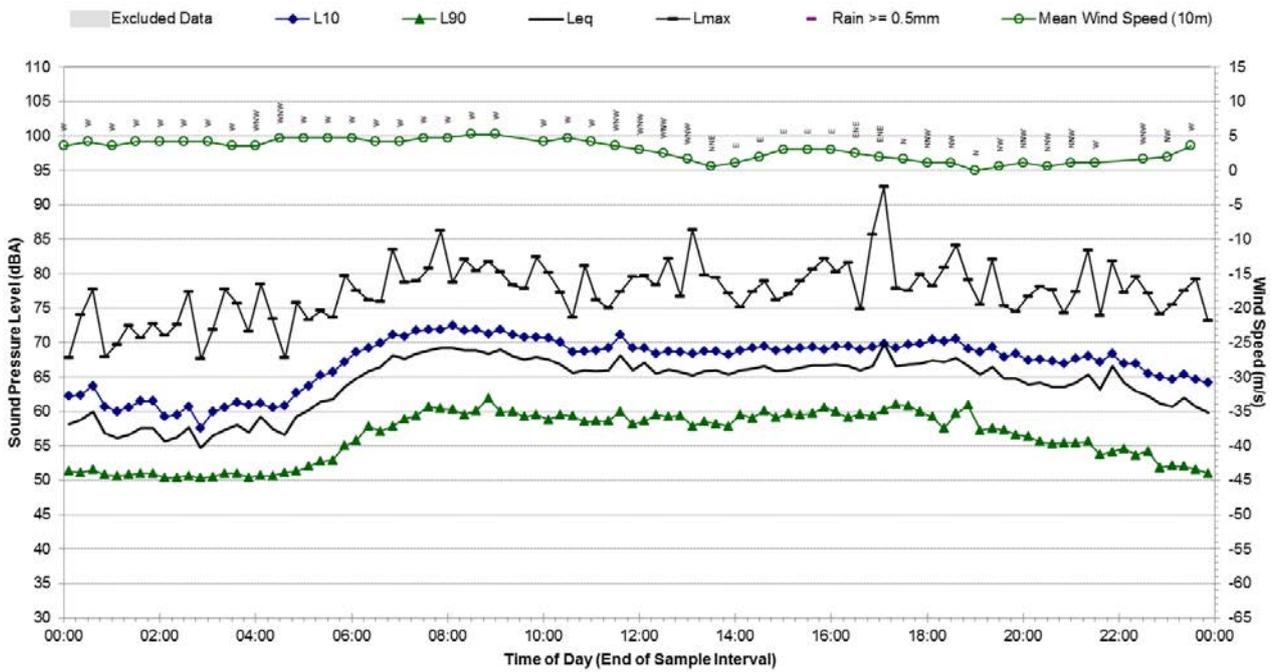


### Statistical Ambient Noise Levels B.19 - Sunday, 28 June 2015



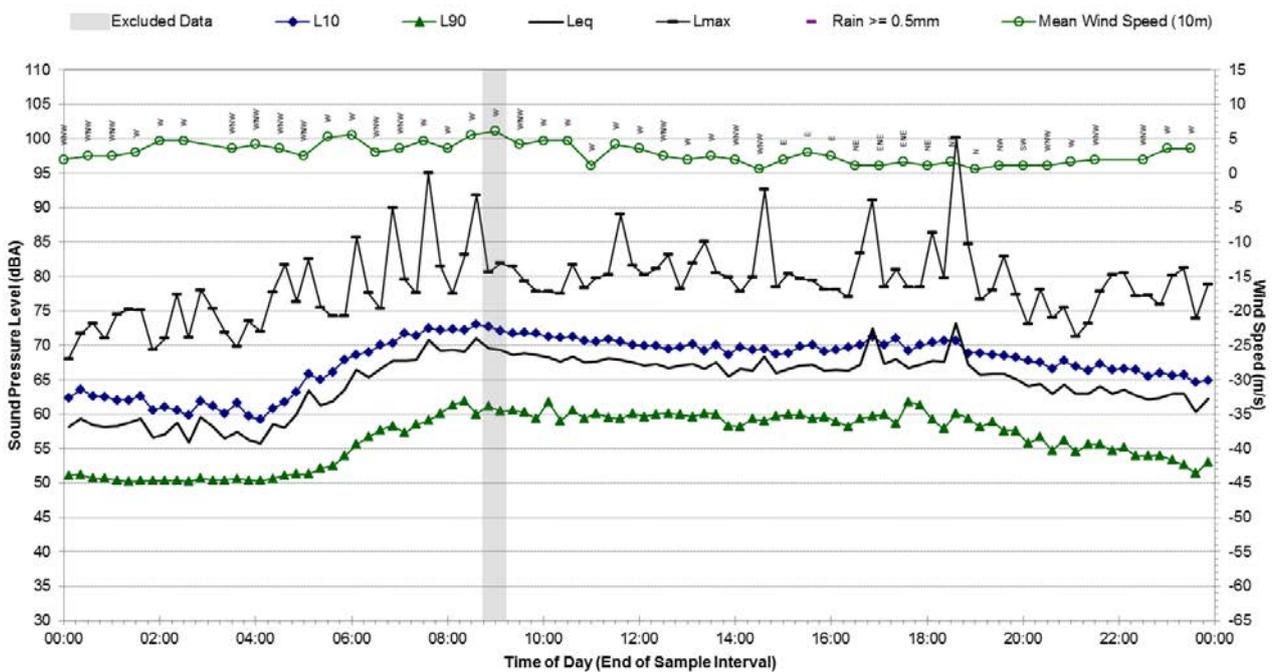
### Statistical Ambient Noise Levels

B.19 - Monday, 29 June 2015



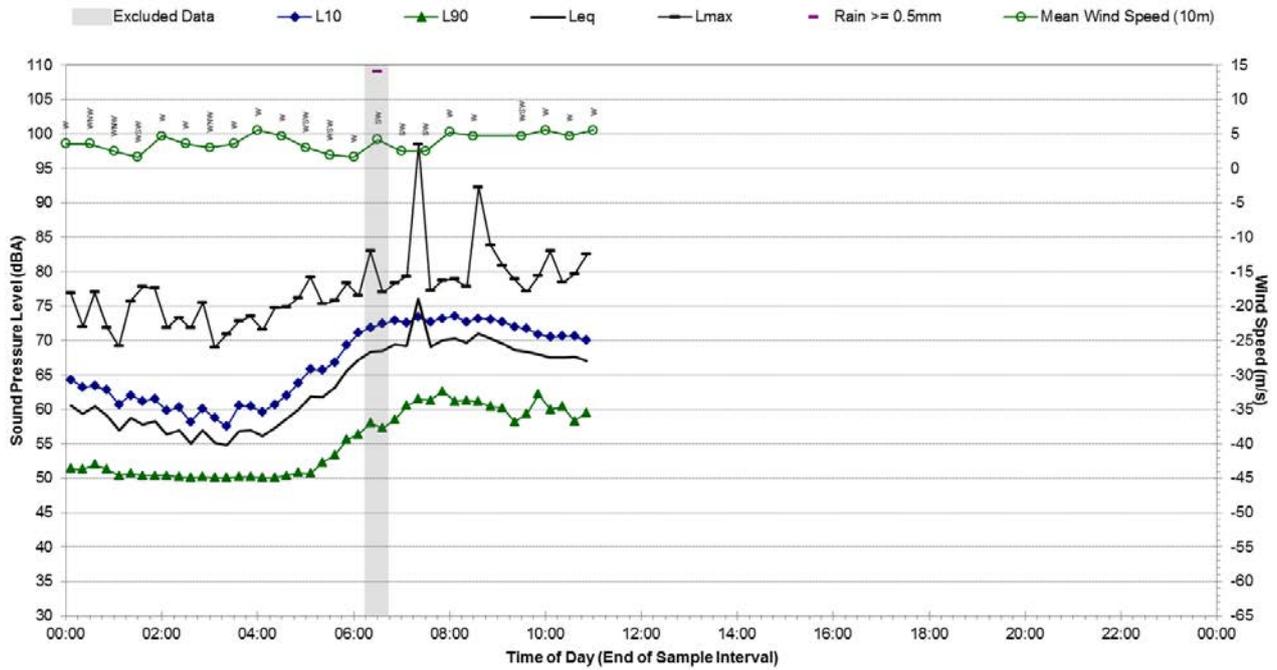
### Statistical Ambient Noise Levels

B.19 - Tuesday, 30 June 2015



### Statistical Ambient Noise Levels

B.19 - Wednesday, 1 July 2015



Background Noise Monitoring Results – B.20

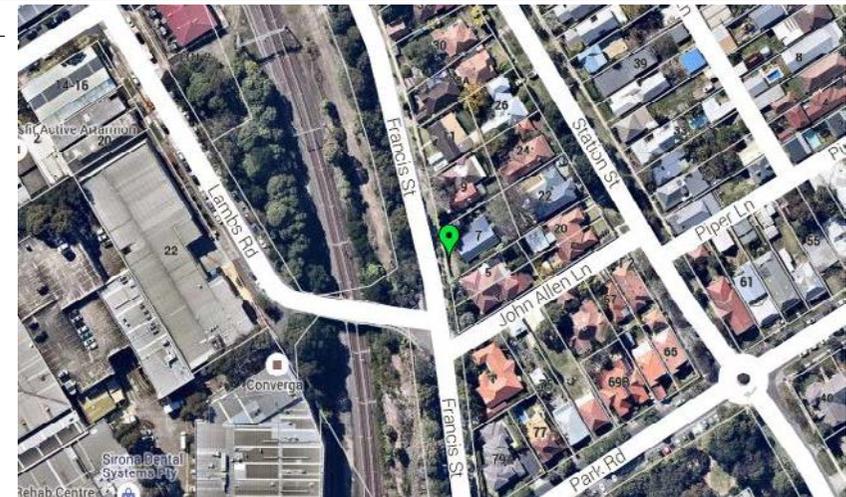
<b>Noise Monitoring Location:</b>	<b>B.20</b>
<b>Noise Monitoring Address:</b>	<b>7 Francis Street, Nareburn 2065</b>

Logger Device Type: Svantek 957  
 Logger Serial No: 23241

Ambient noise logger deployed in the front yard of residential address 7 Francis Street, Nareburn.

Attended noise measurements indicate that there are few road traffic noise sources contributing to the background noise environment at this location..

Map of Noise Monitoring Location



Ambient Noise Logging Results – INP Defined Time Periods

Monitoring Period	Noise Level (dBA)			
	RBL	LAeq	L10	L1
Daytime	45	56	58	64
Evening	46	54	56	63
Night-time	38	50	48	59

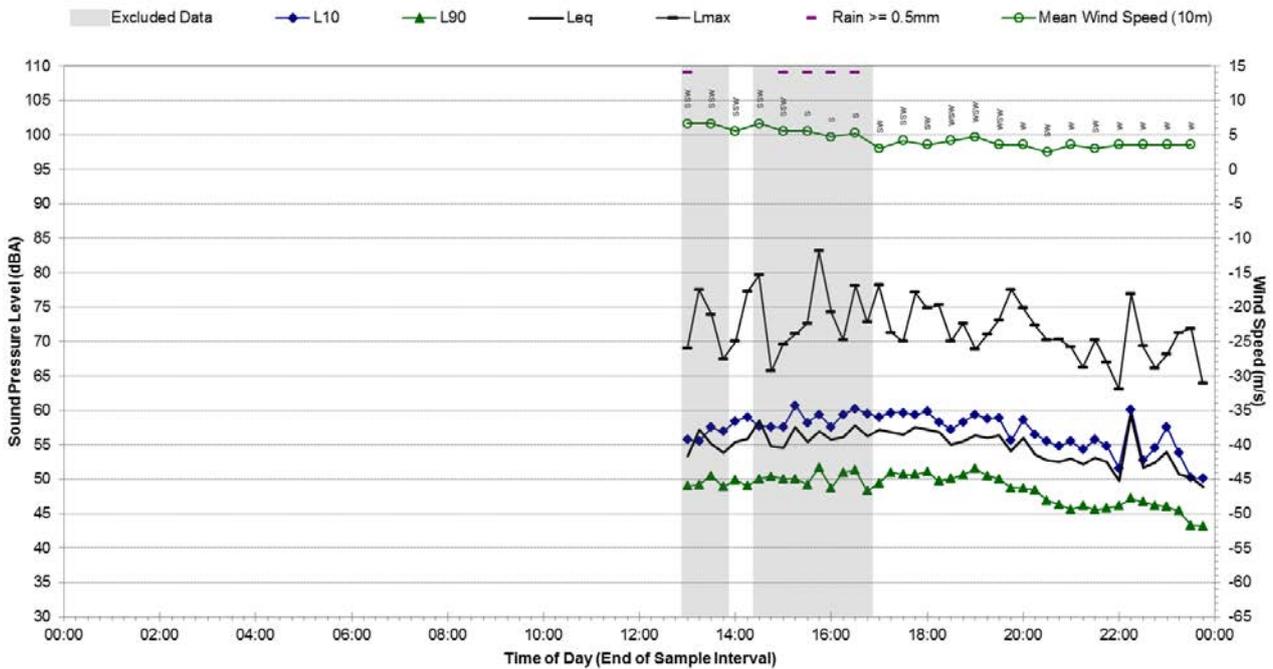
Photo of Noise Monitoring Location



Attended Noise Measurement Results				
Date	Start Time	Measured Noise Level (dBA)		
		LA90	LAeq	LAmx
19/06/2015	12:35:47	51	54	71

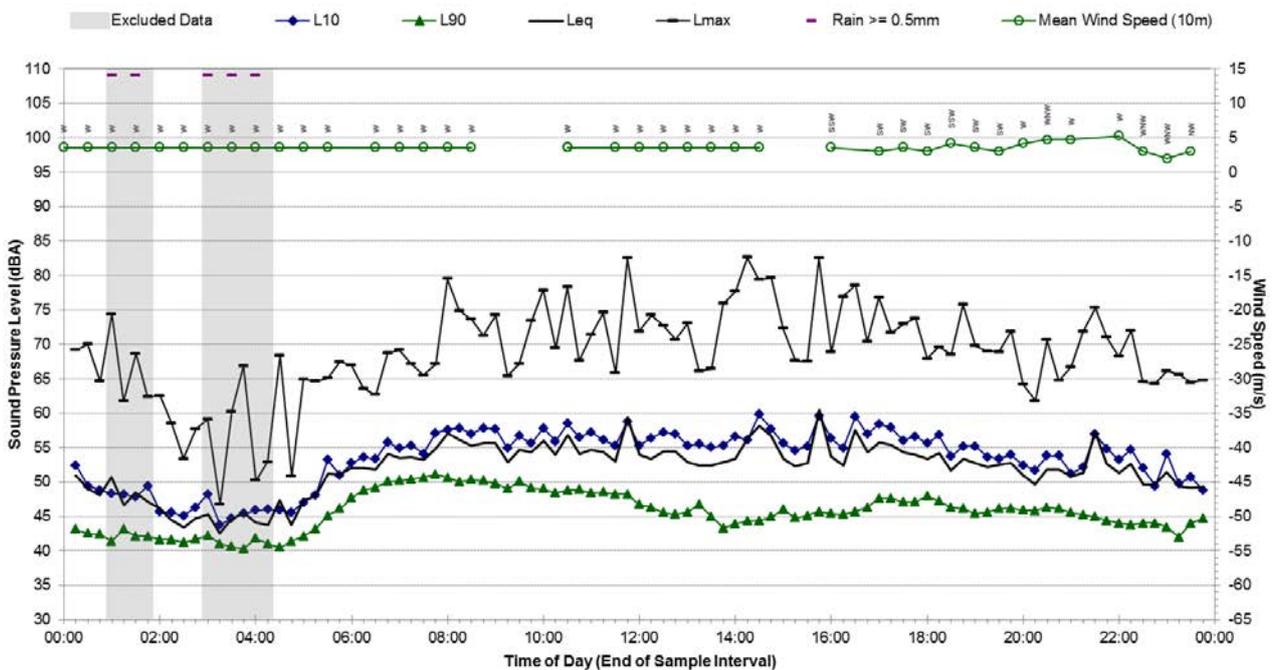
### Statistical Ambient Noise Levels

B.20 - Friday, 19 June 2015



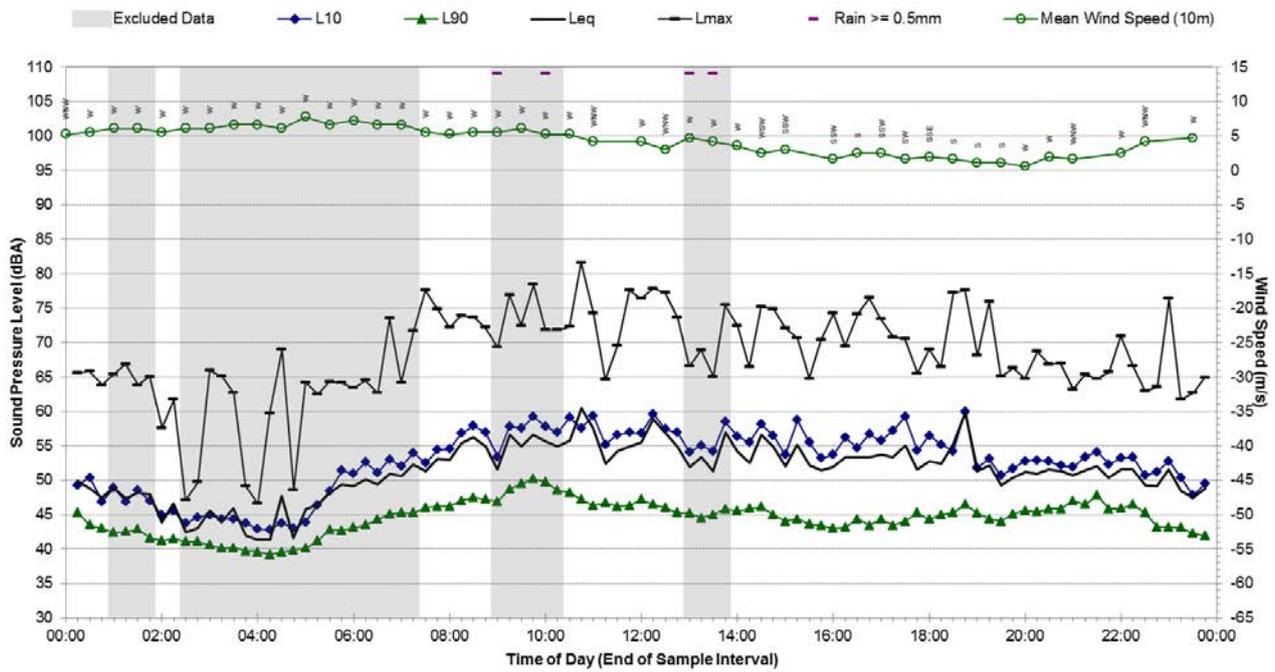
### Statistical Ambient Noise Levels

B.20 - Saturday, 20 June 2015



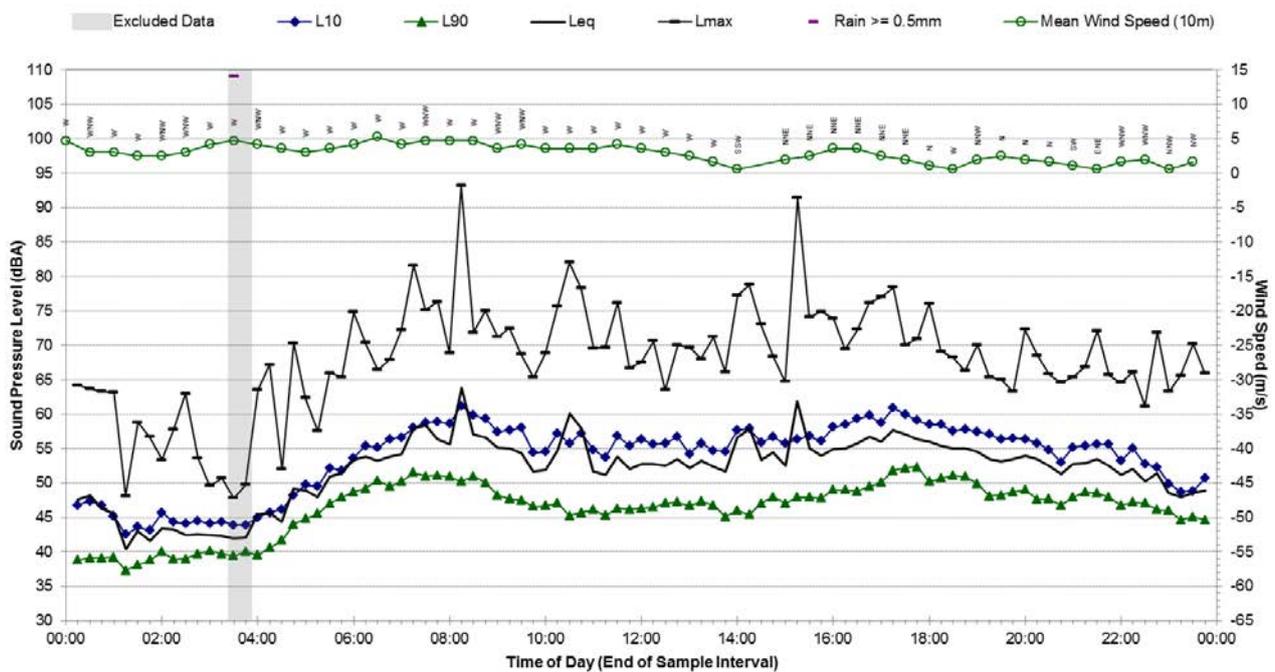
### Statistical Ambient Noise Levels

B.20 - Sunday, 21 June 2015



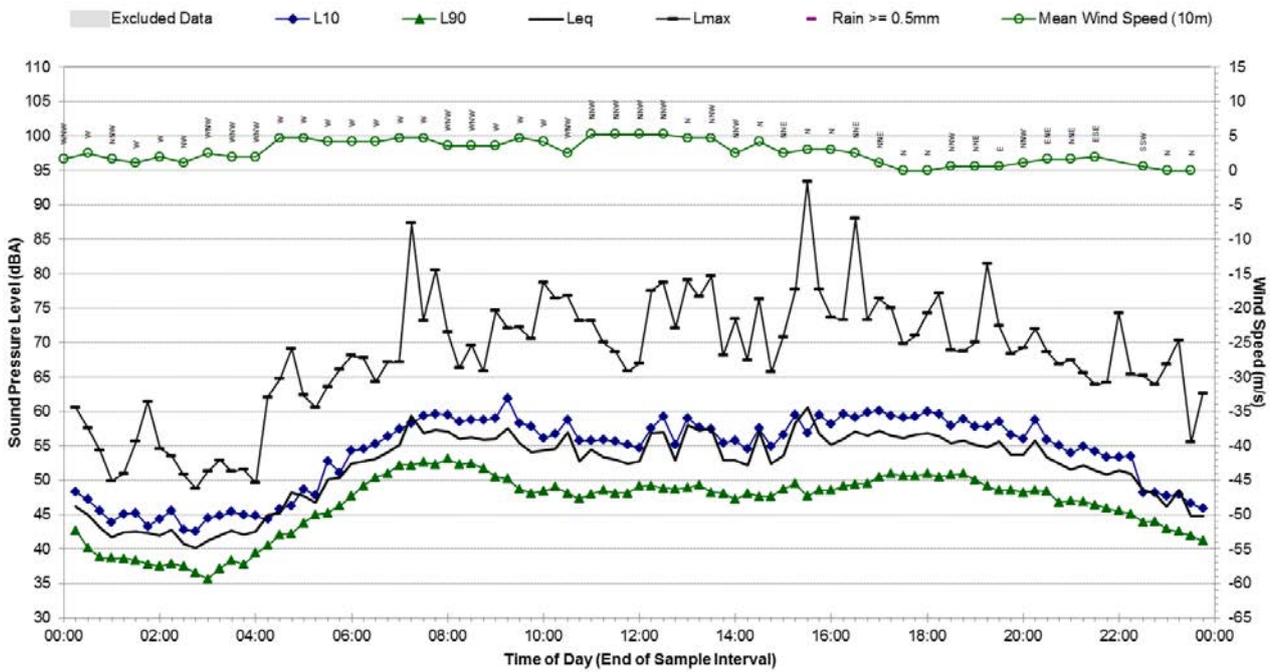
### Statistical Ambient Noise Levels

B.20 - Monday, 22 June 2015



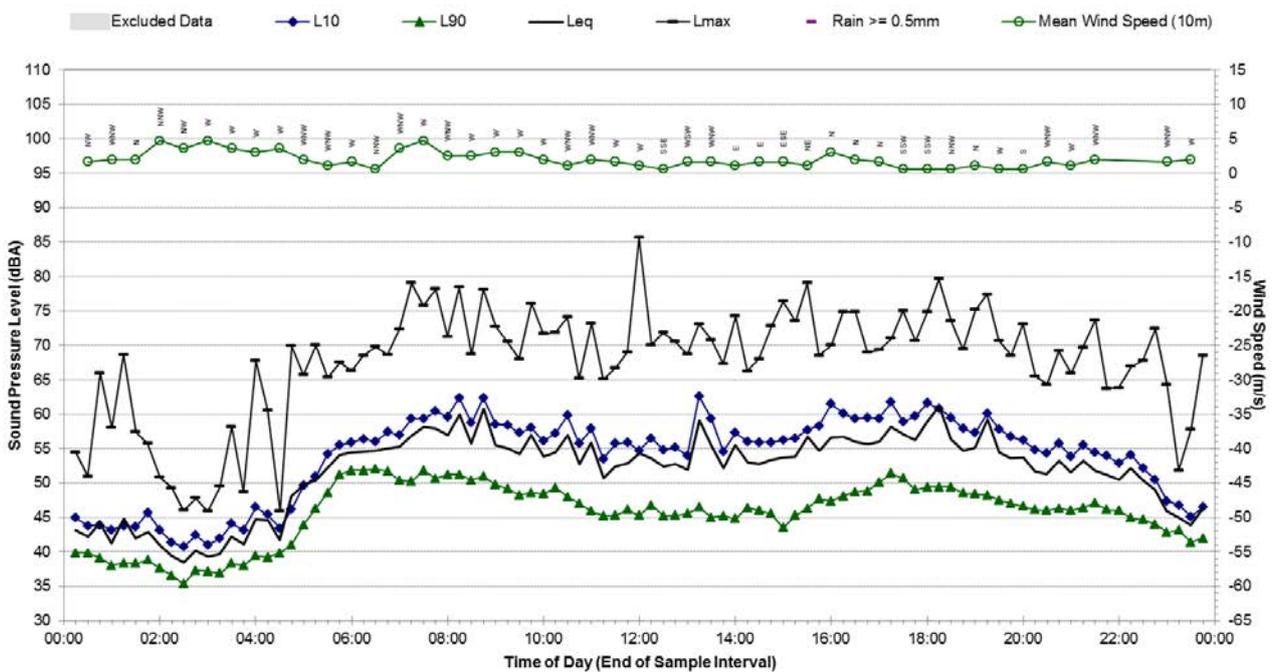
### Statistical Ambient Noise Levels

B.20 - Tuesday, 23 June 2015

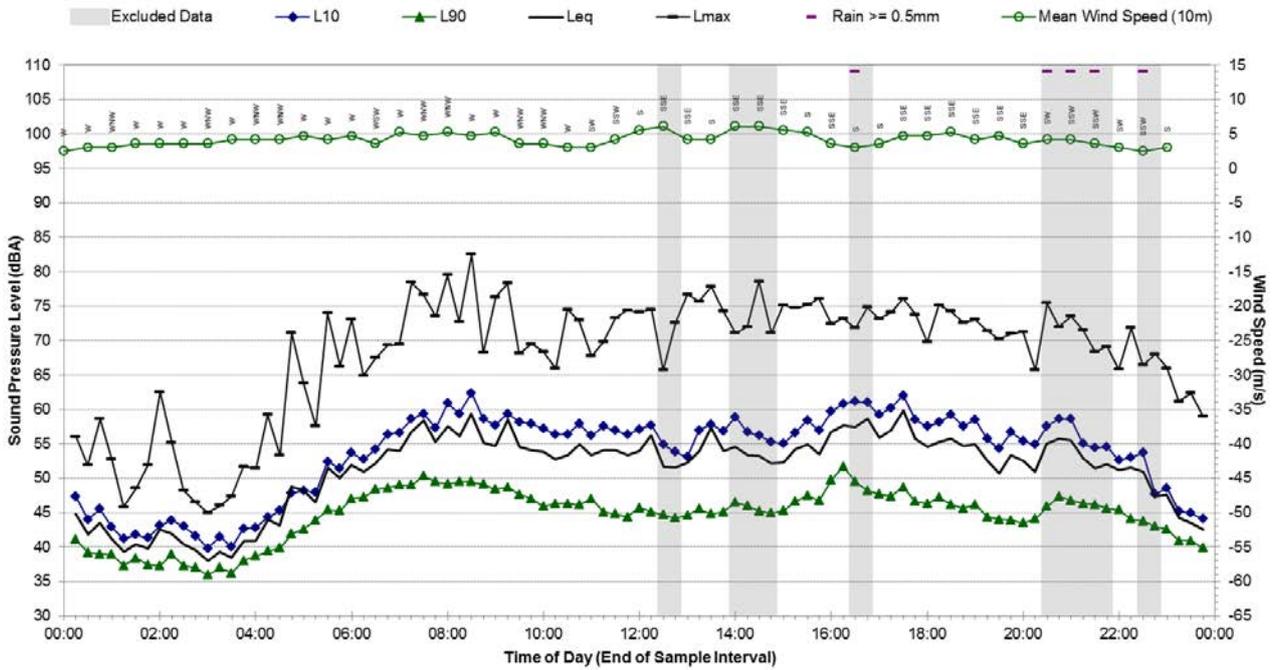


### Statistical Ambient Noise Levels

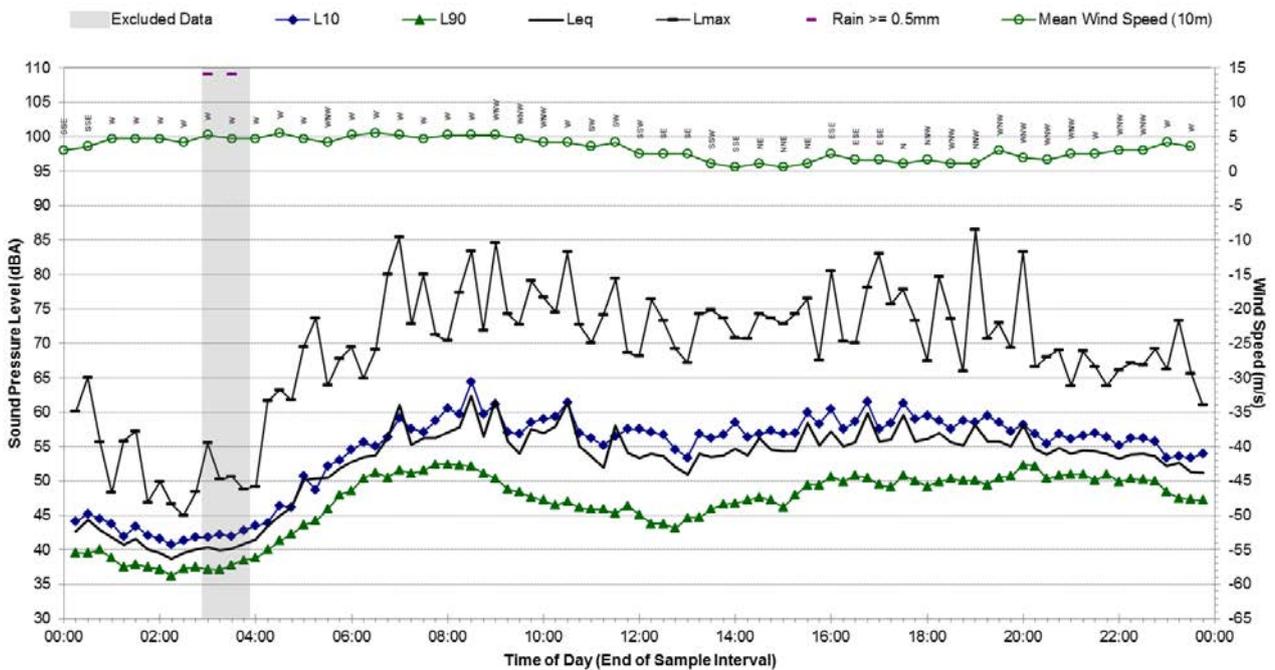
B.20 - Wednesday, 24 June 2015



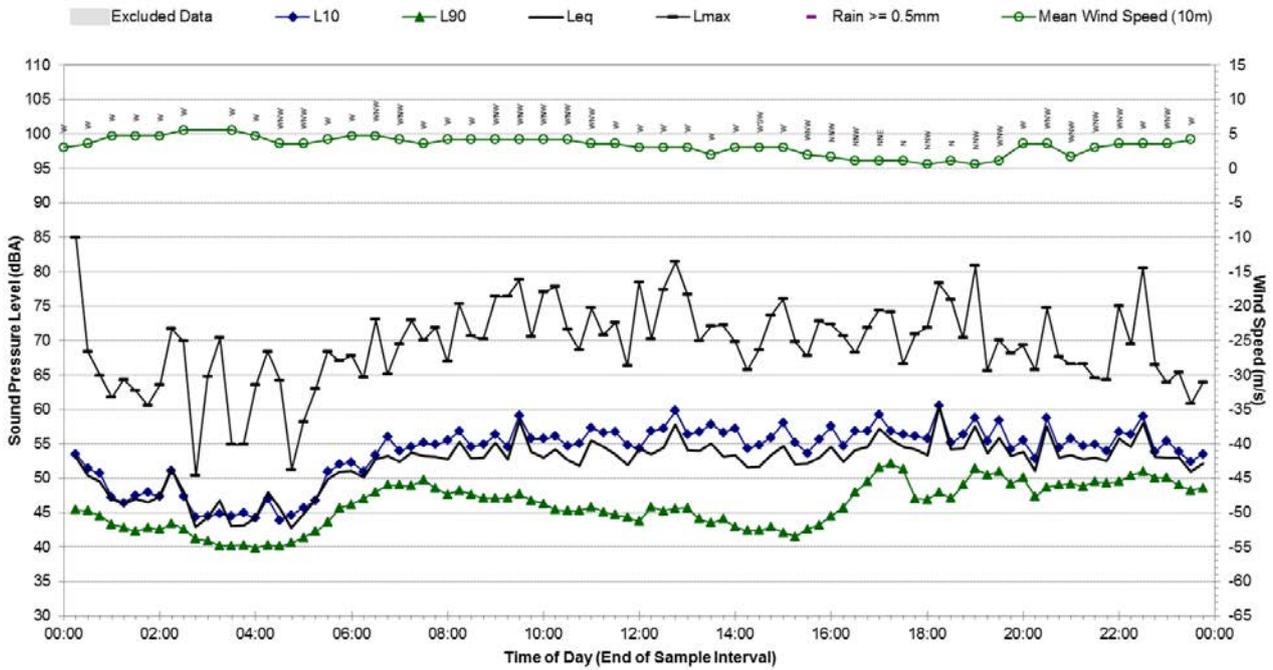
### Statistical Ambient Noise Levels B.20 - Thursday, 25 June 2015



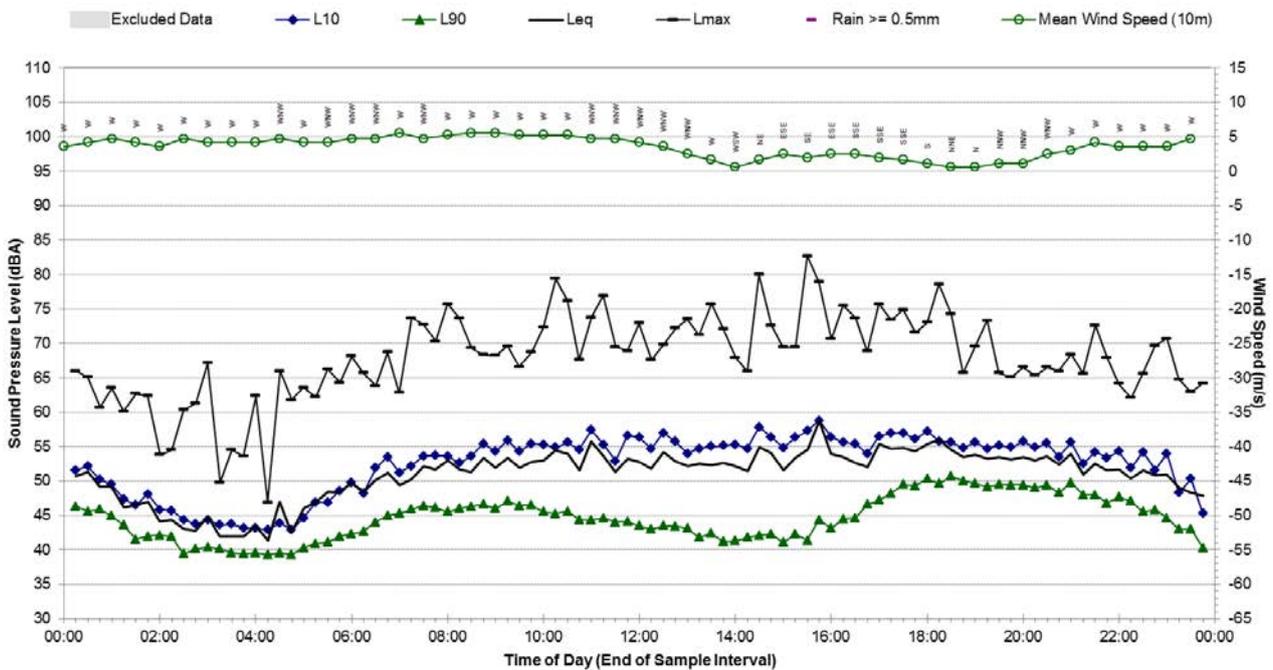
### Statistical Ambient Noise Levels B.20 - Friday, 26 June 2015



### Statistical Ambient Noise Levels B.20 - Saturday, 27 June 2015

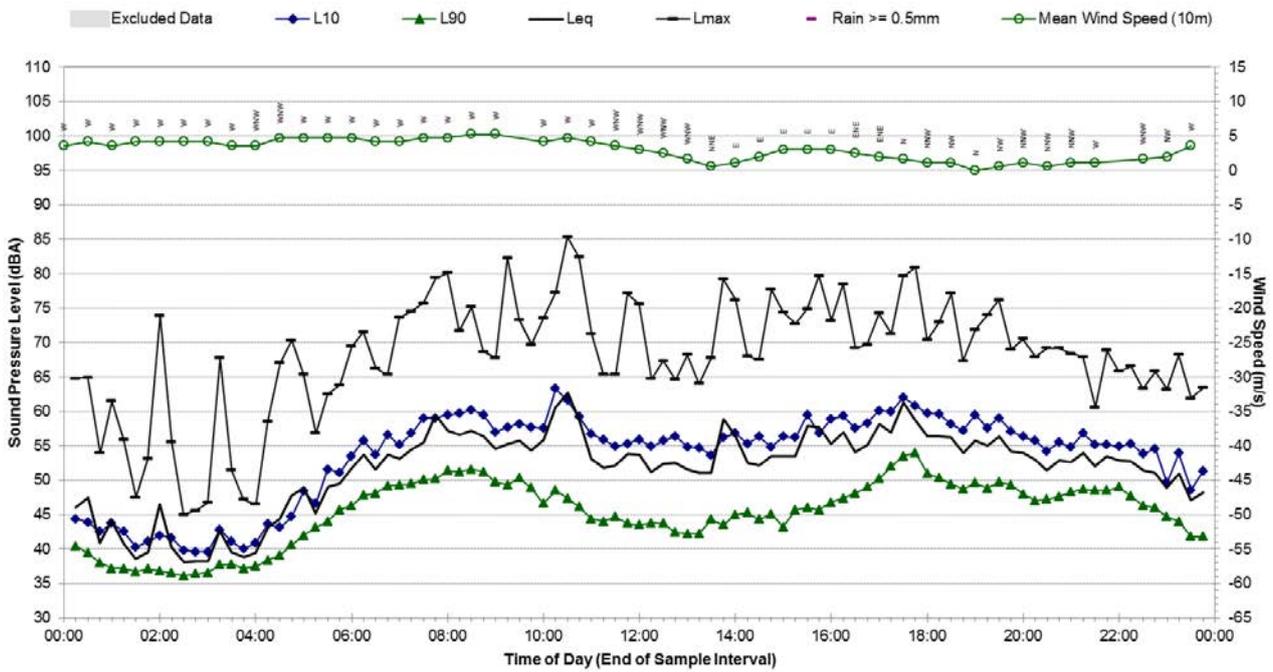


### Statistical Ambient Noise Levels B.20 - Sunday, 28 June 2015



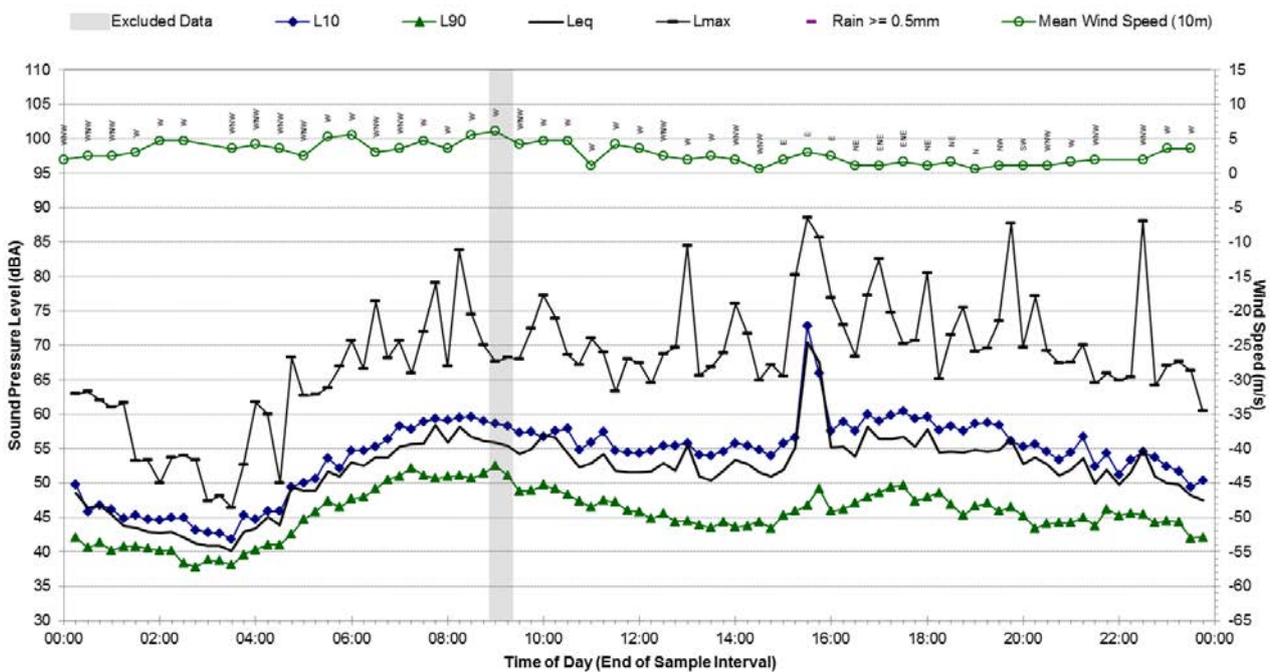
### Statistical Ambient Noise Levels

B.20 - Monday, 29 June 2015



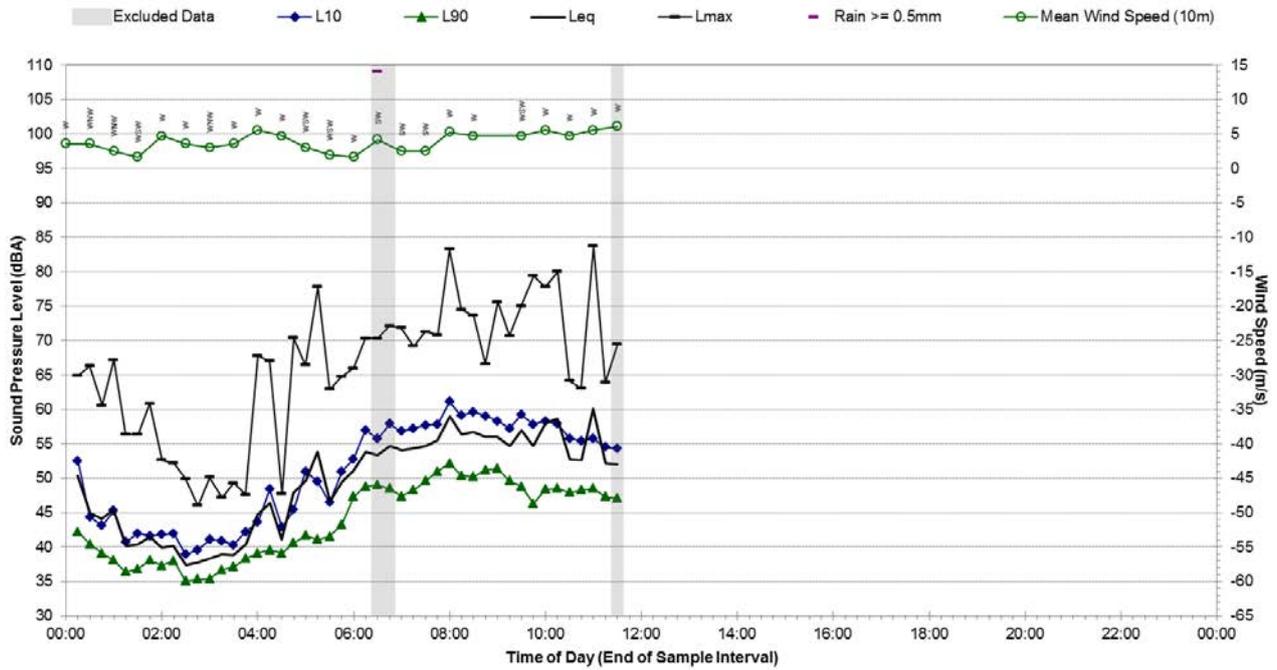
### Statistical Ambient Noise Levels

B.20 - Tuesday, 30 June 2015



### Statistical Ambient Noise Levels

B.20 - Wednesday, 1 July 2015



# Appendix B.21

Report 610.14718

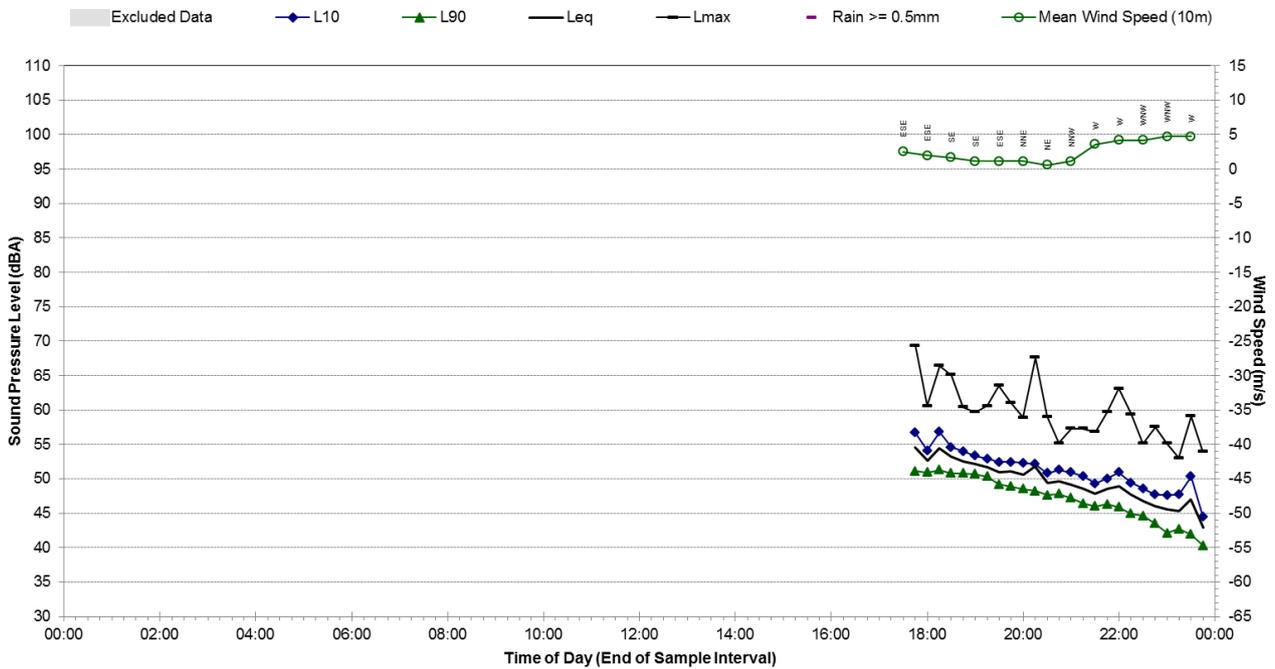
Page 167 of 204

## Background Noise Monitoring Results – B.21

<b>Noise Monitoring Location:</b> B.21		<b>Map of Noise Monitoring Location</b>		
<b>Noise Monitoring Address:</b> 6 Milner Road, Artarmon 2064				
Logger Device Type: ARL-EL316 Logger Serial No: 16-306-039				
Ambient noise logger deployed in the backyard of residential address 6 Milner Road, Artarmon.				
Attended noise measurements indicate that the ambient noise environment at this location is dominated by road traffic noise from Reserve Road and both the M1 and M2 motorways. Surrounding tree rustling (wind) also contributed to the LA90 (background) level throughout, as well as road traffic observed during the daytime.				
<b>Ambient Noise Logging Results – INP Defined Time Periods</b>		<b>Photo of Noise Monitoring Location</b>		
Monitoring Period	Noise Level (dBA)			
	RBL	LAeq	L10	L1
Daytime	49	55	54	59
Evening	46	50	51	54
Night-time	41	48	47	51
<b>Attended Noise Measurement Results</b>				
Date	Start Time	Measured Noise Level (dBA)		
		LA90	LAeq	LAmx
15/09/2015	14:10:16	53	56	73

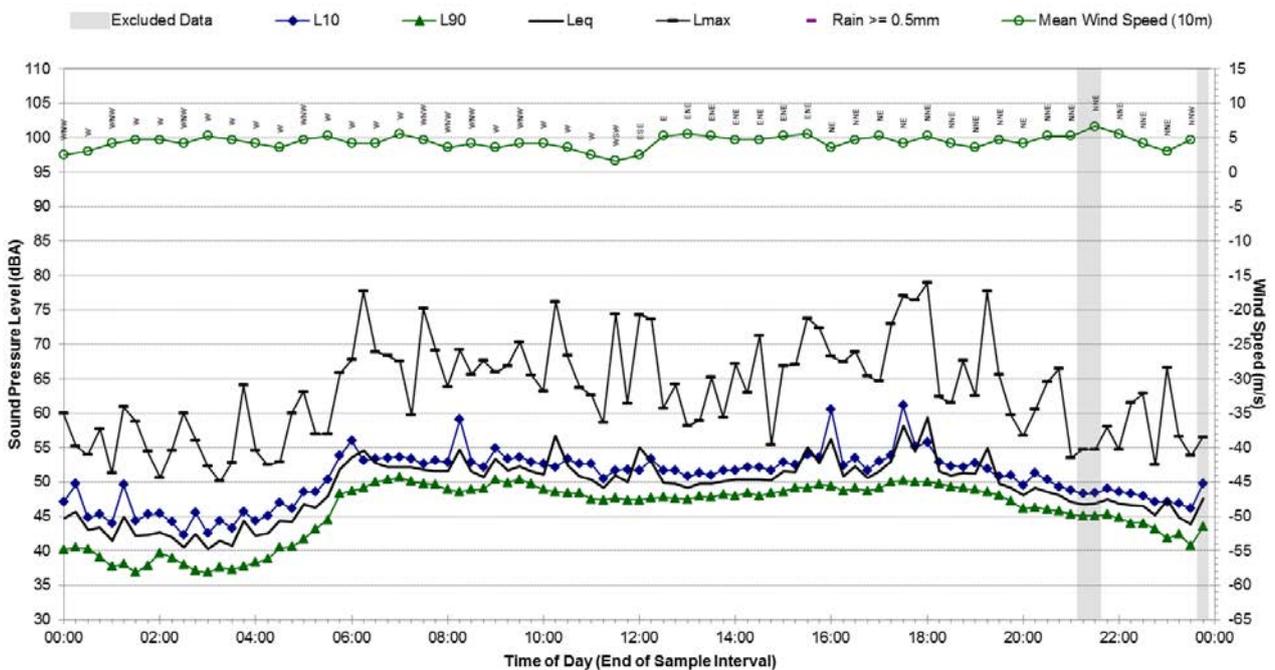
### Statistical Ambient Noise Levels

B.21 - Tuesday, 1 September 2015

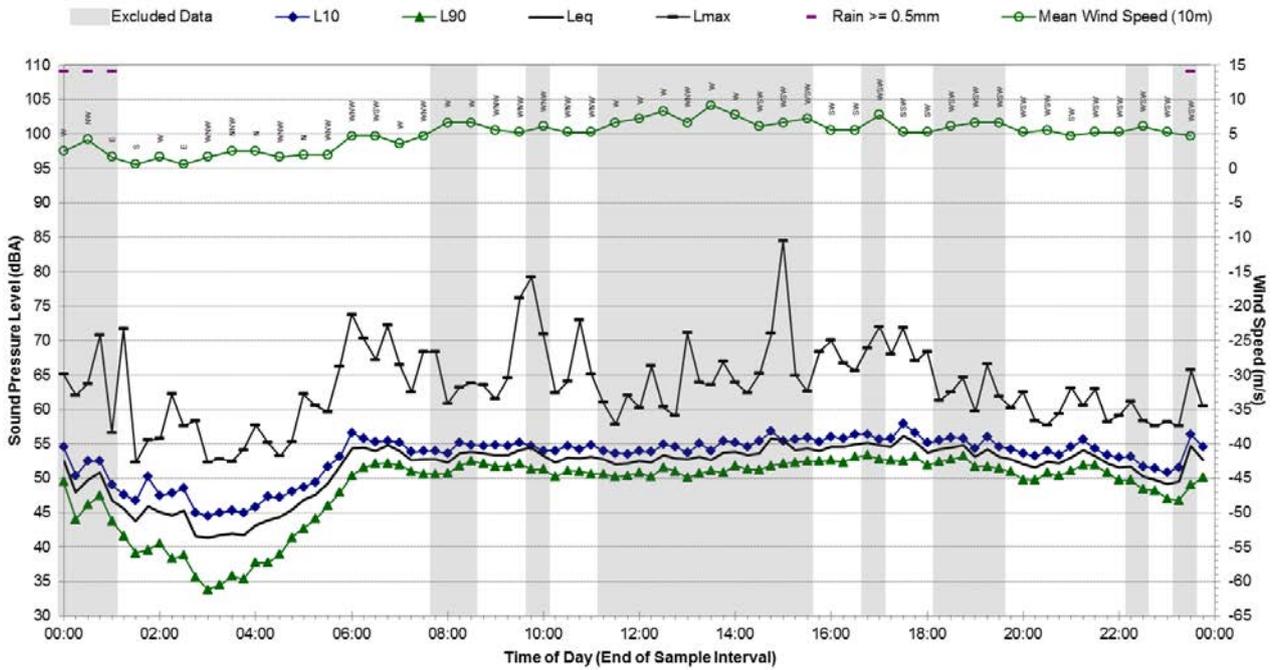


### Statistical Ambient Noise Levels

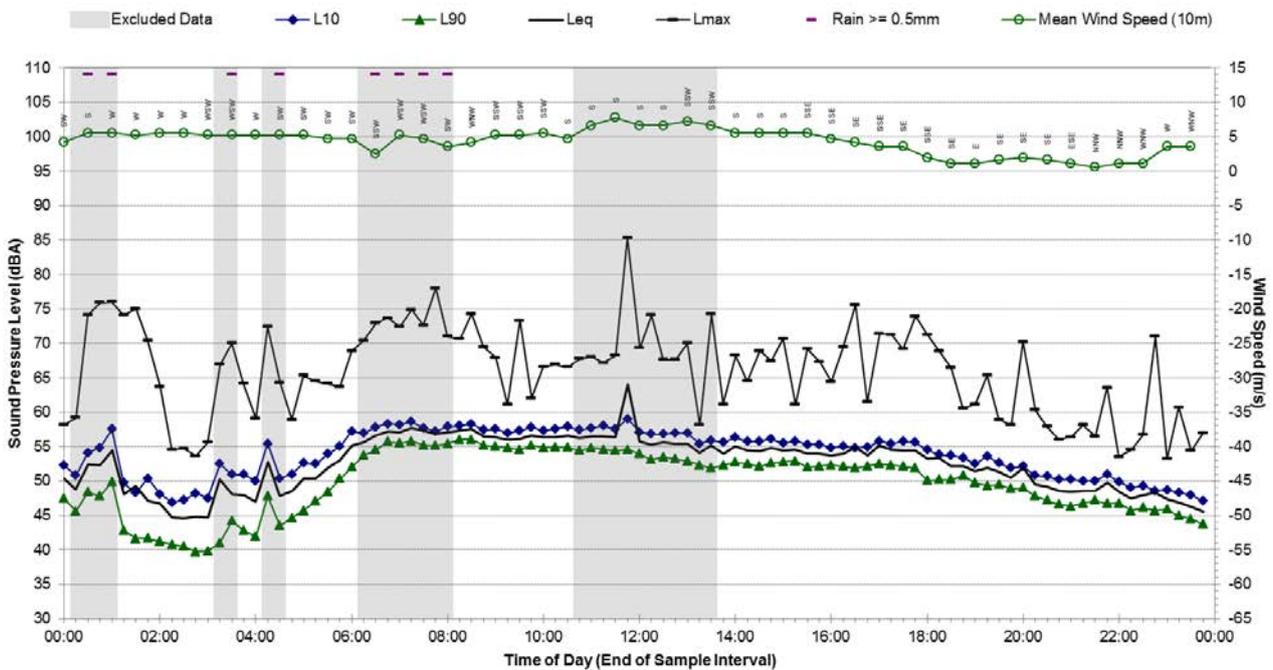
B.21 - Wednesday, 2 September 2015



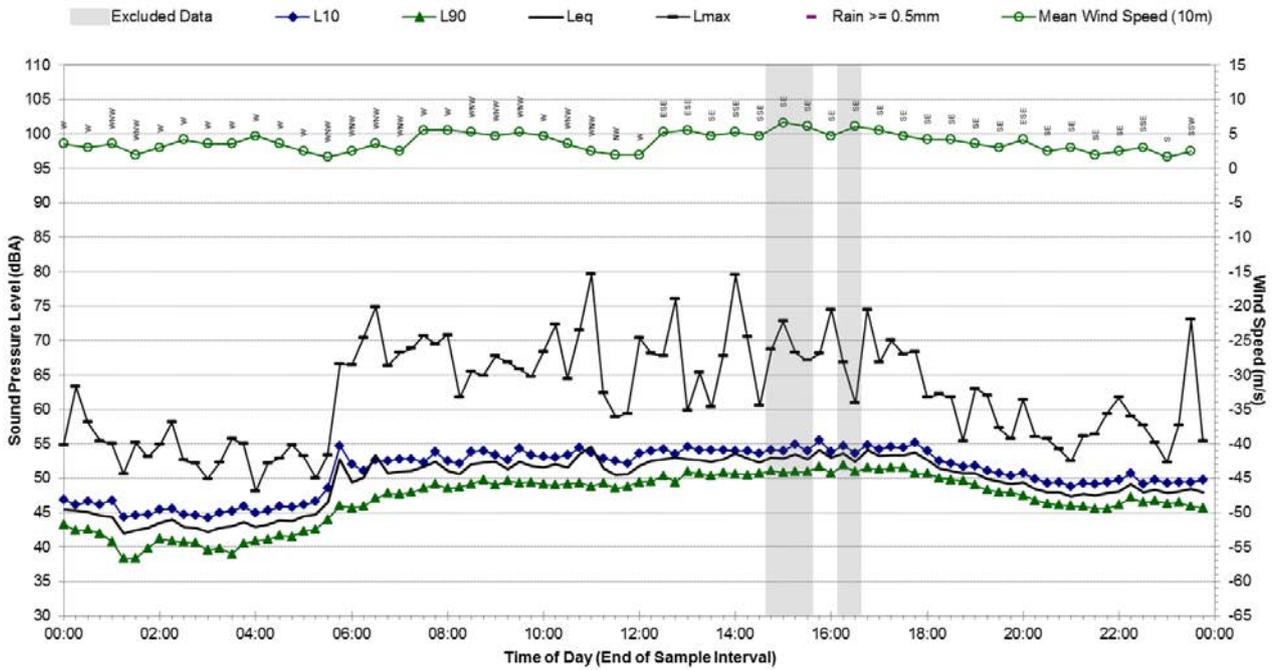
**Statistical Ambient Noise Levels**  
**B.21 - Thursday, 3 September 2015**



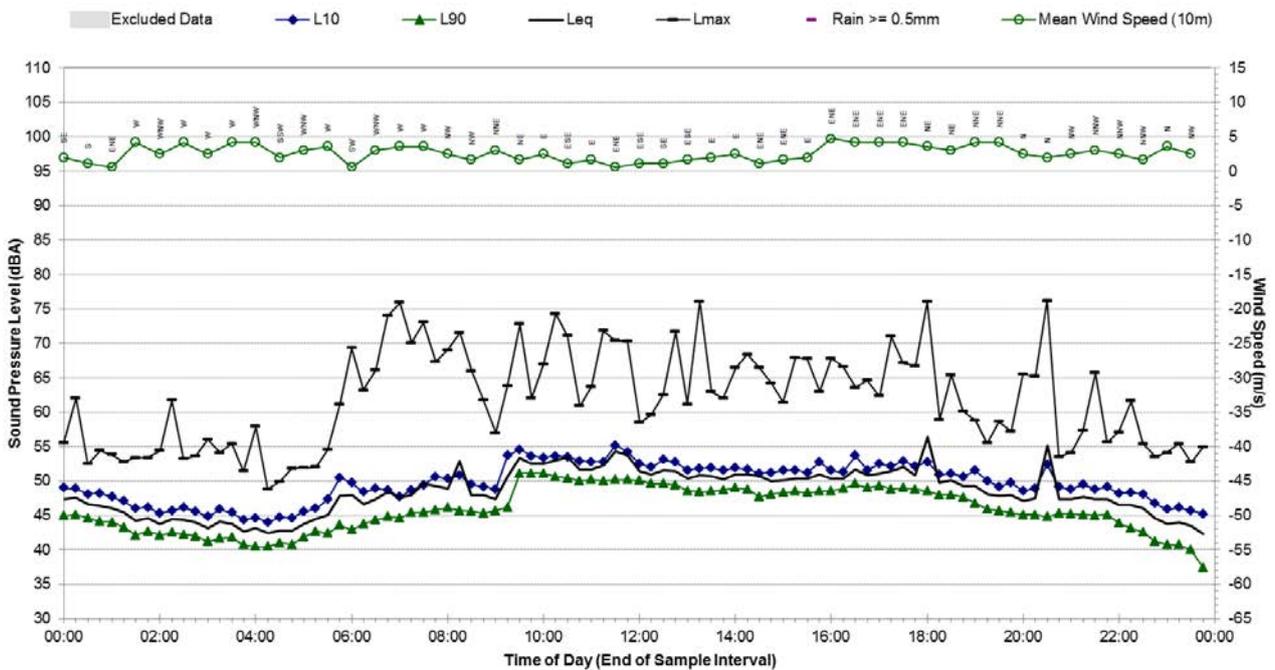
**Statistical Ambient Noise Levels**  
**B.21 - Friday, 4 September 2015**



### Statistical Ambient Noise Levels B.21 - Saturday, 5 September 2015

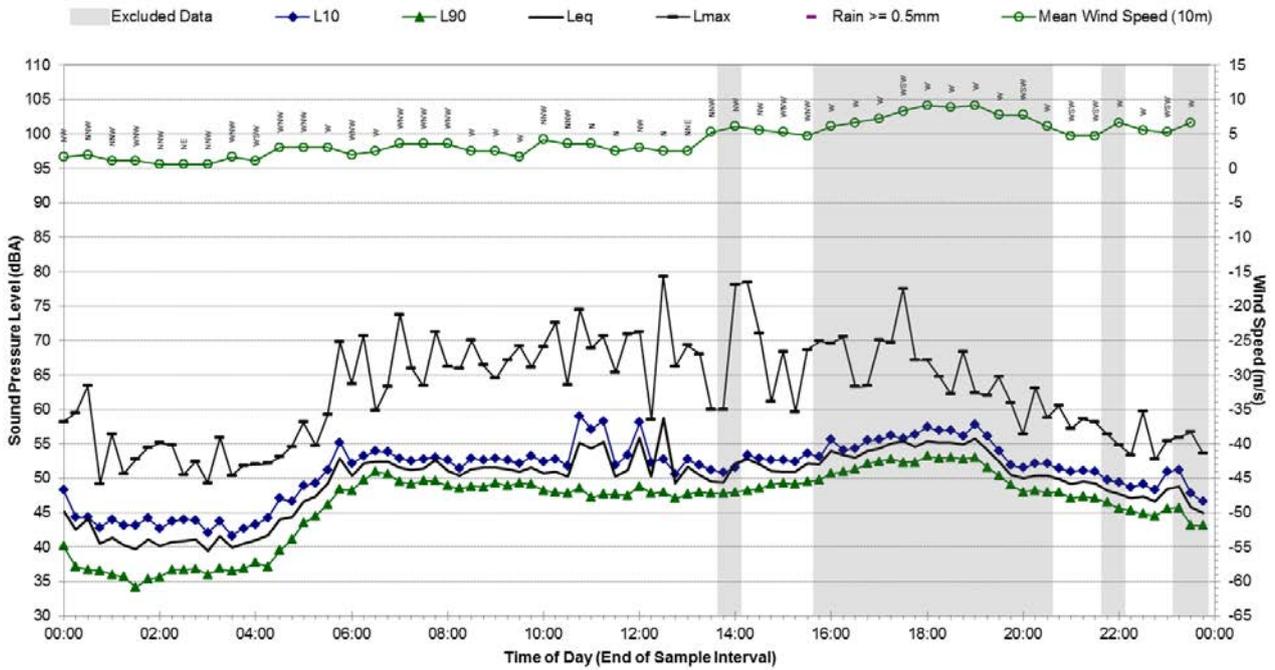


### Statistical Ambient Noise Levels B.21 - Sunday, 6 September 2015



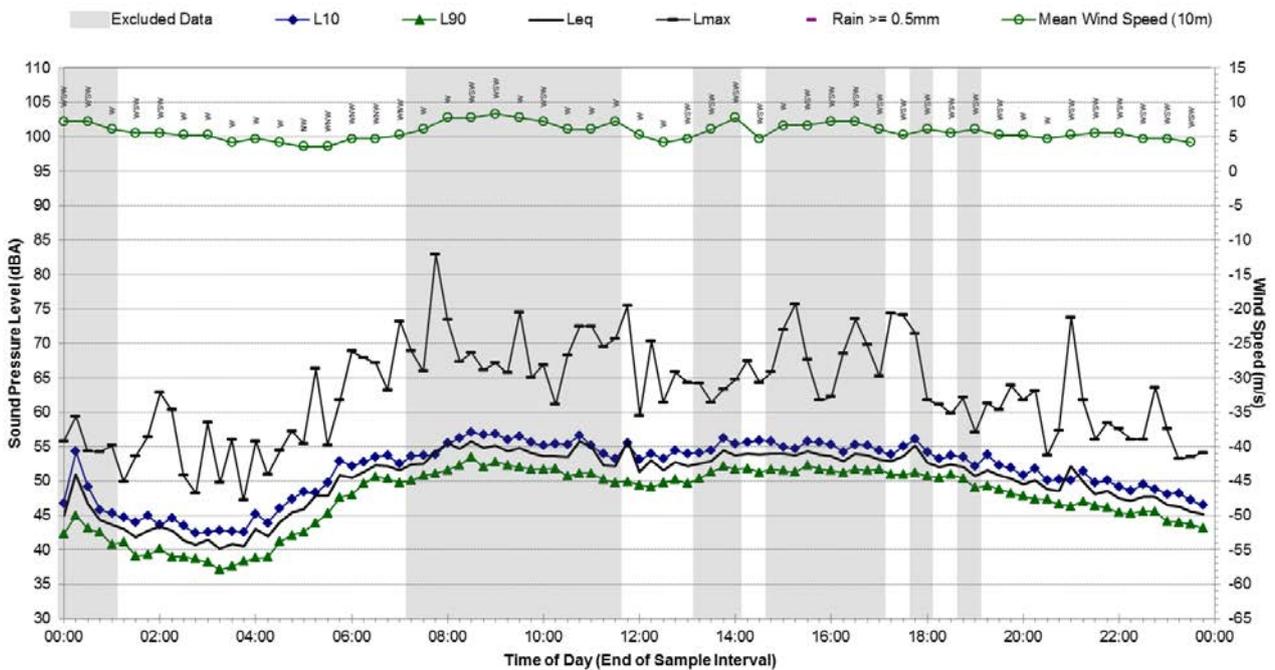
### Statistical Ambient Noise Levels

B.21 - Monday, 7 September 2015

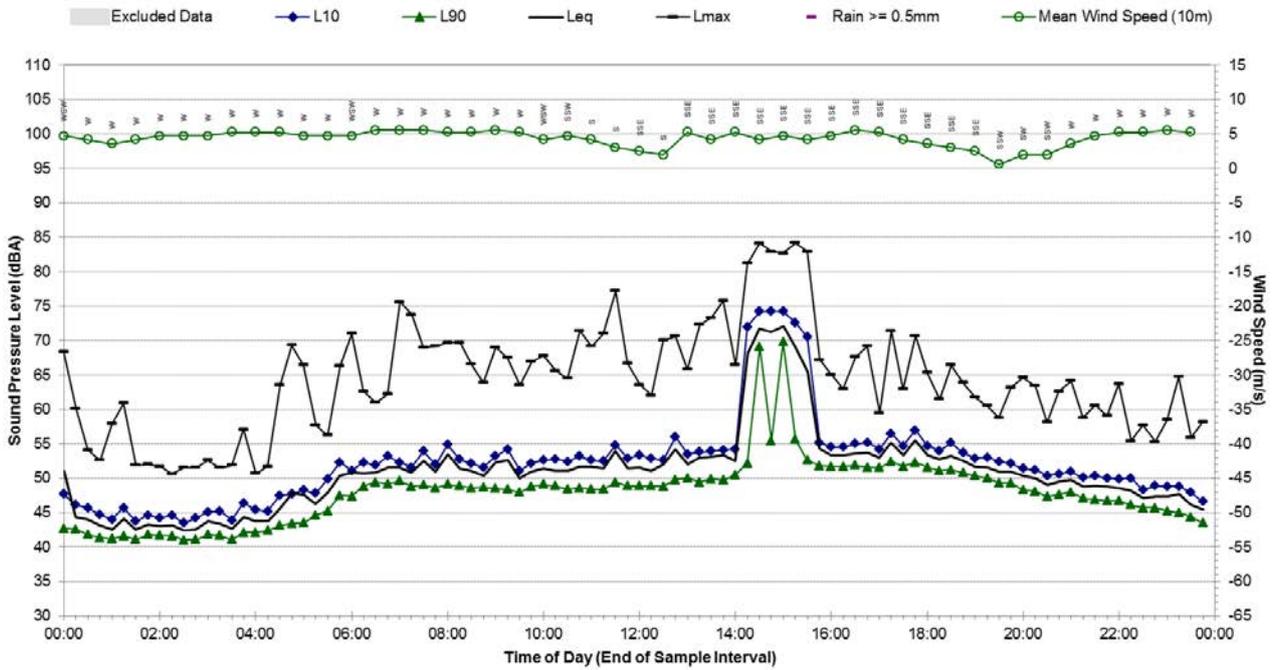


### Statistical Ambient Noise Levels

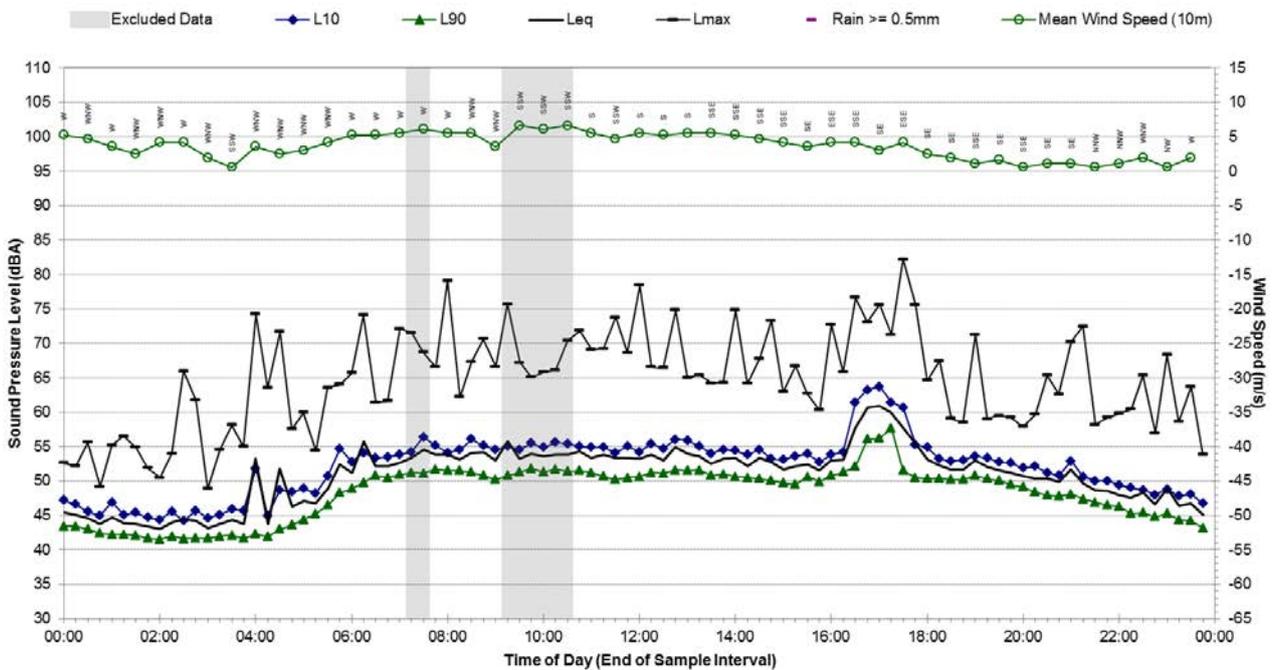
B.21 - Tuesday, 8 September 2015



### Statistical Ambient Noise Levels B.21 - Wednesday, 9 September 2015

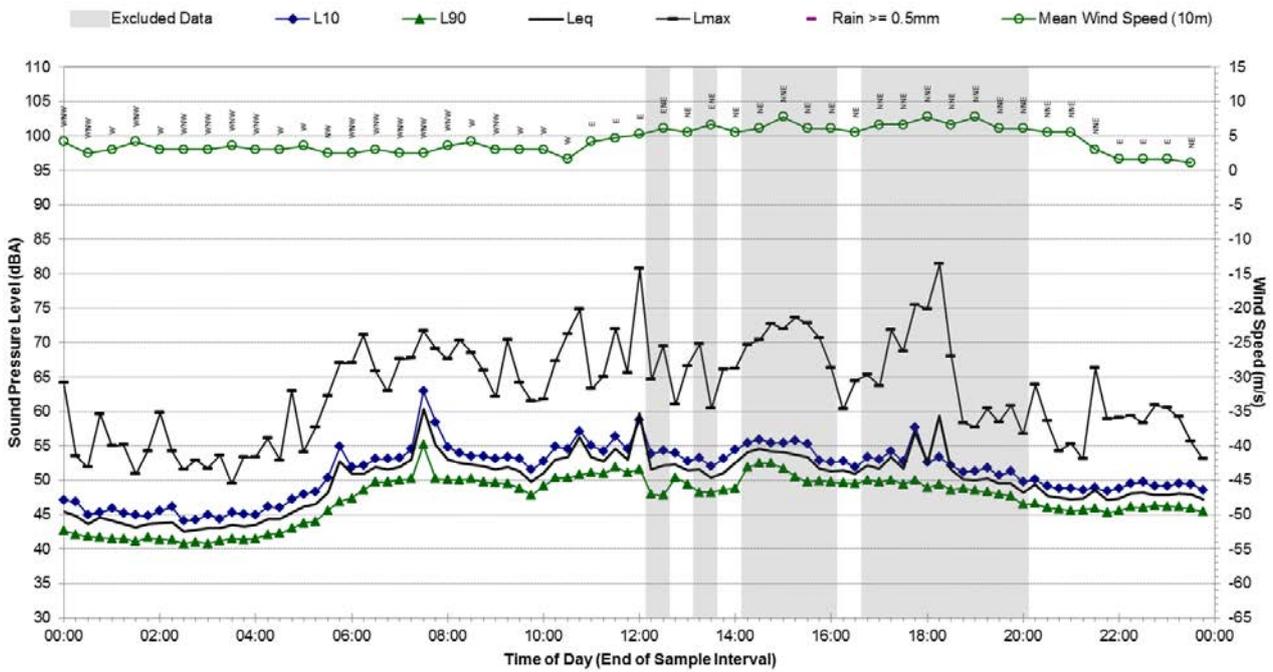


### Statistical Ambient Noise Levels B.21 - Thursday, 10 September 2015



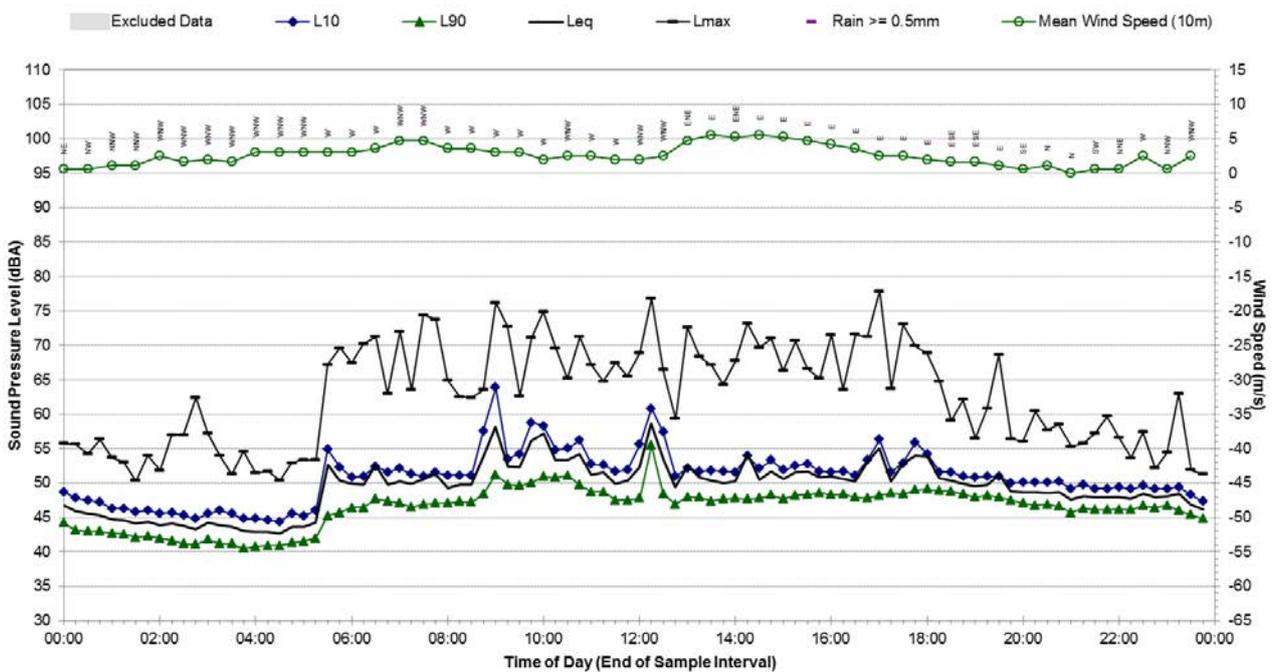
### Statistical Ambient Noise Levels

B.21 - Friday, 11 September 2015



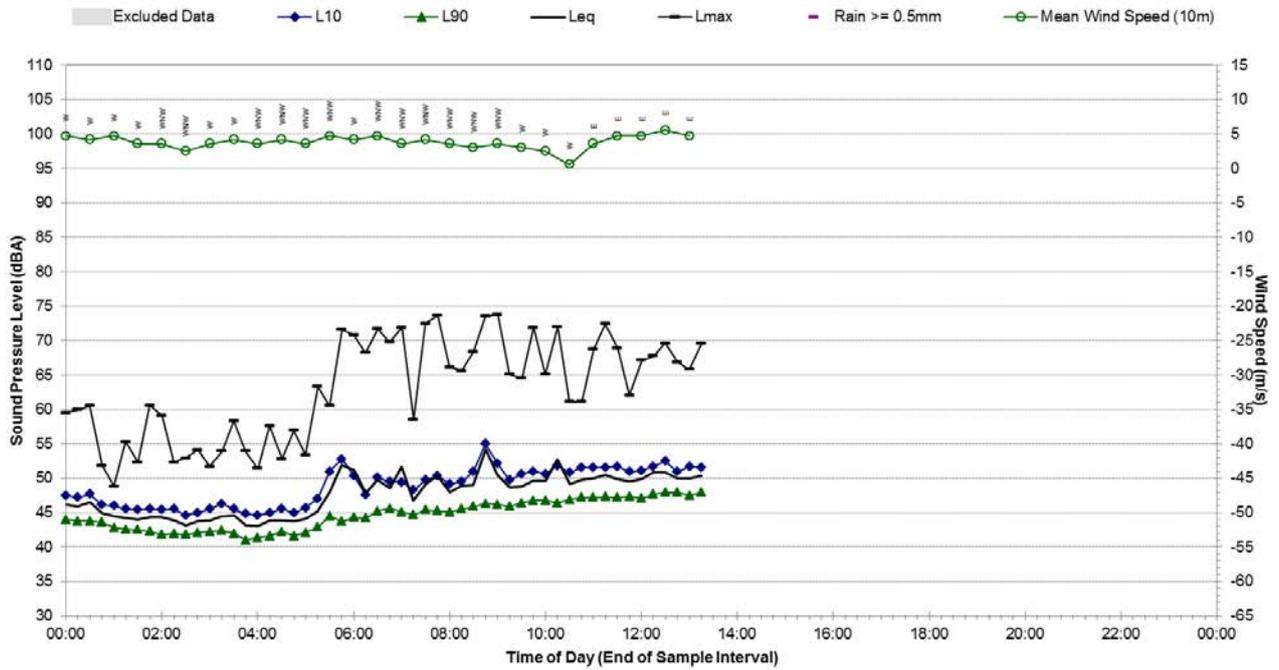
### Statistical Ambient Noise Levels

B.21 - Saturday, 12 September 2015



### Statistical Ambient Noise Levels

B.21 - Sunday, 13 September 2015



# Appendix B.22

Report 610.14718

Page 175 of 204

## Background Noise Monitoring Results – B.22

<b>Noise Monitoring Location:</b> B.22	<b>Map of Noise Monitoring Location</b>
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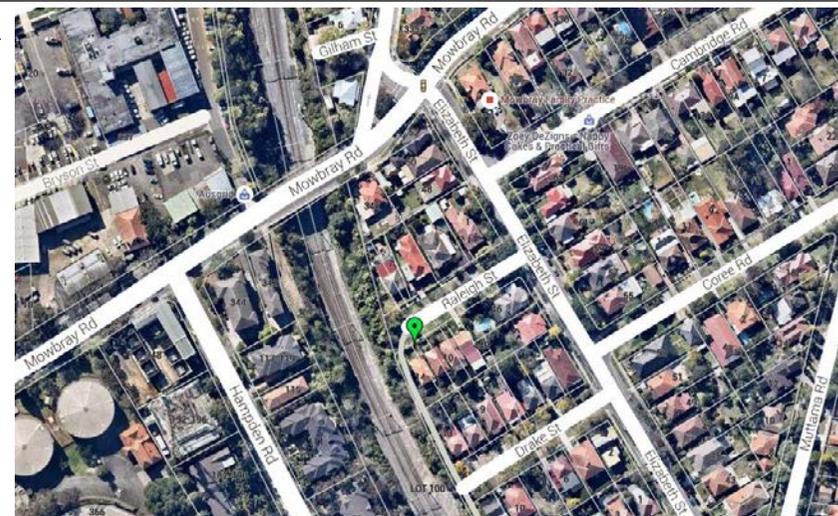
<b>Noise Monitoring Address:</b> 14 Raleigh Street, Artarmon 2064	
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Logger Device Type: Svantek 957

Logger Serial No: 20674

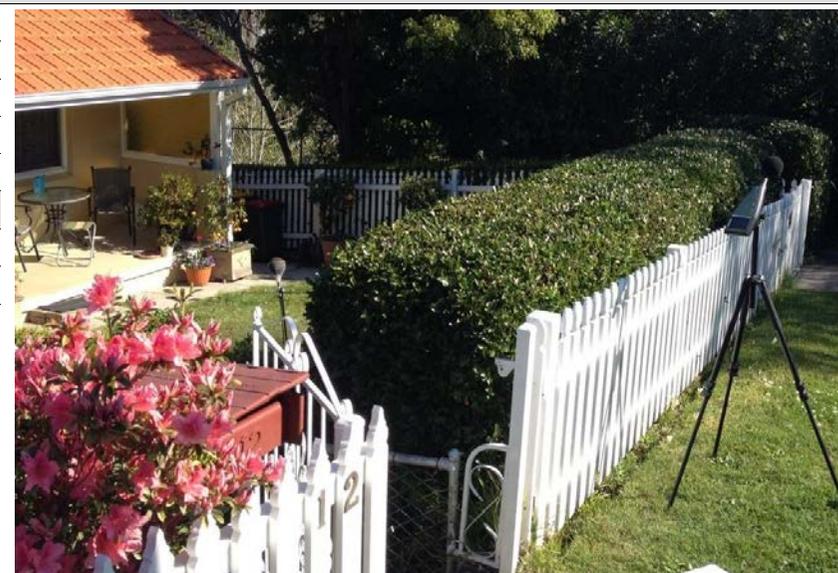
Ambient noise logger deployed in the front yard of residential address 14 Raleigh Street, Artarmon.

Attended noise measurements indicate that the ambient noise environment at this location is significantly dominated by rail traffic noise from the North Shore Line.



<b>Ambient Noise Logging Results – INP Defined Time Periods</b>	<b>Photo of Noise Monitoring Location</b>
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Monitoring Period	Noise Level (dBA)			
	RBL	LAeq	L10	L1
Daytime	42	55	54	62
Evening	41	50	51	61
Night-time	34	48	46	59

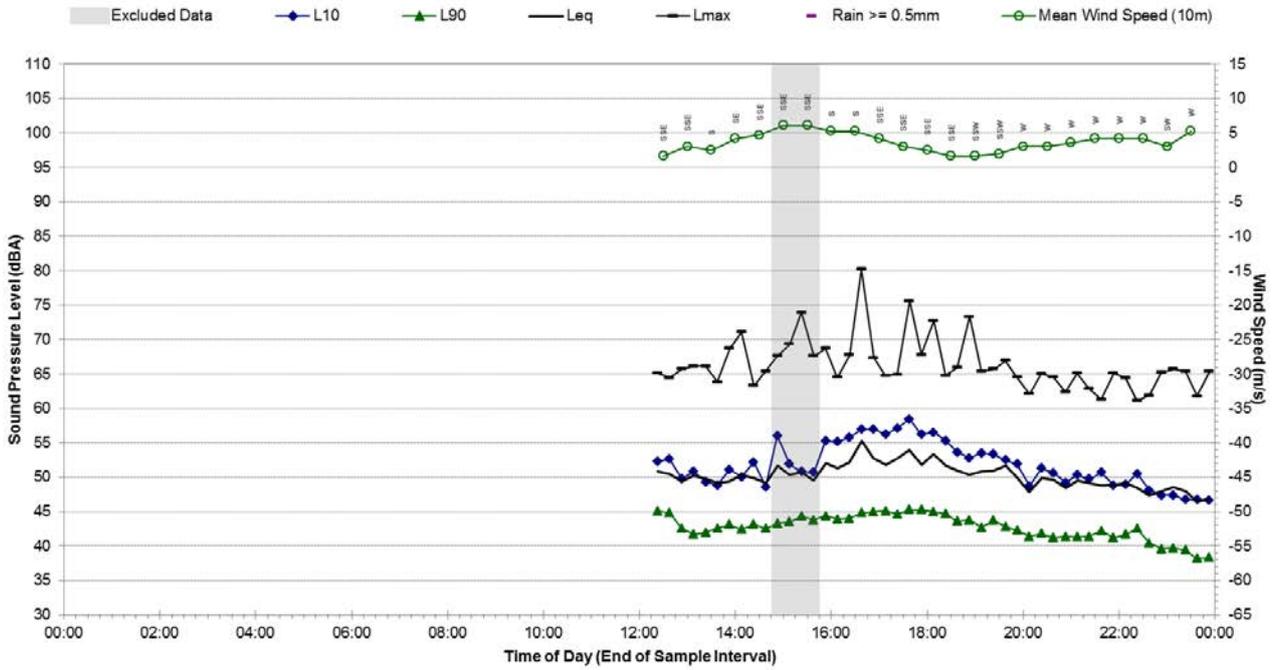


Attended Noise Measurement Results				
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Date	Start Time	Measured Noise Level (dBA)		
		LA90	LAeq	LAmx
14/09/2015	14:31:33	44	50	70

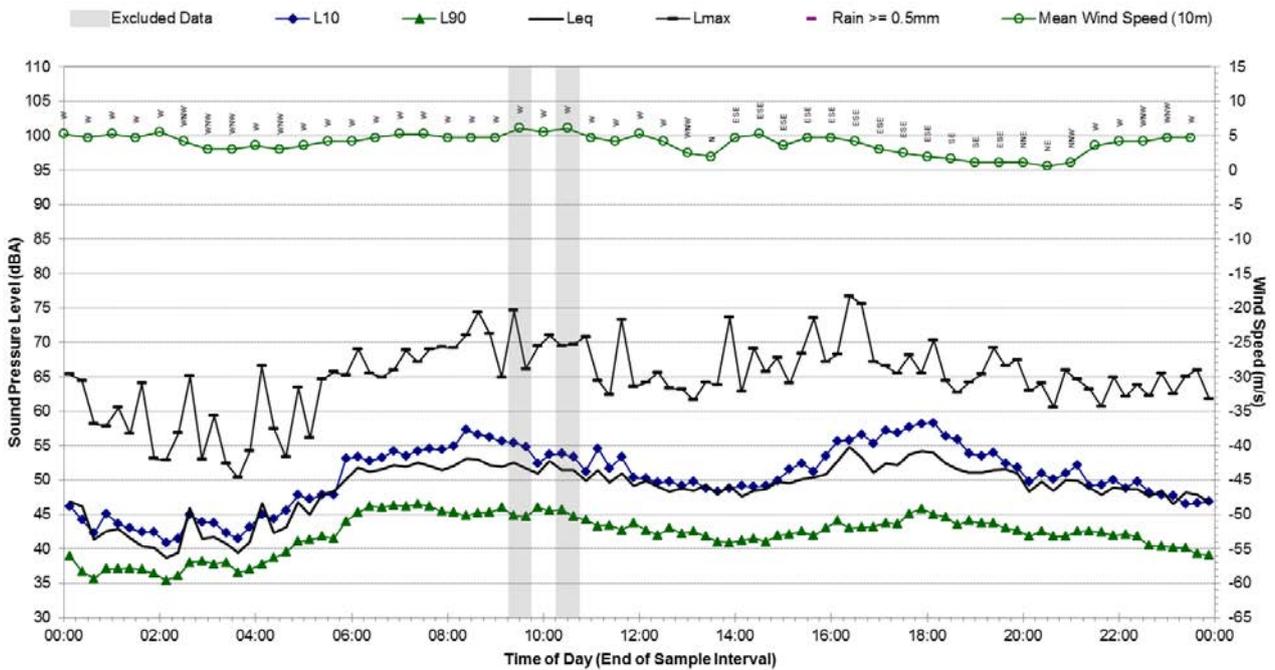
### Statistical Ambient Noise Levels

B.22 - Monday, 31 August 2015

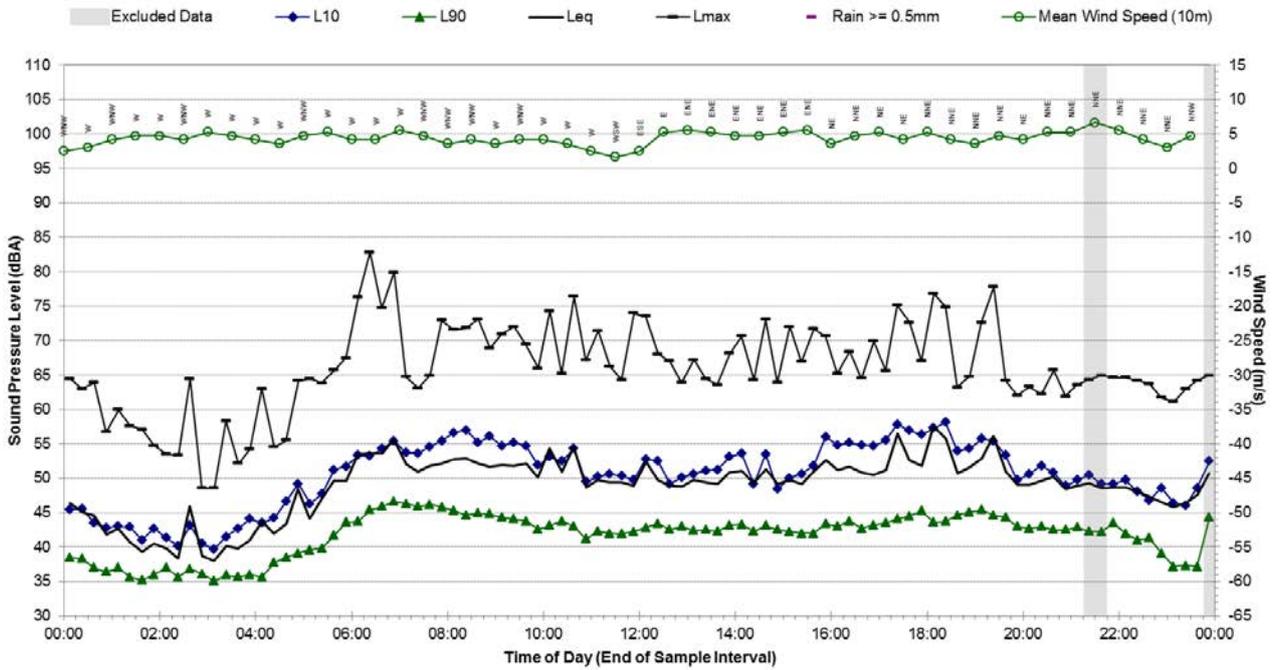


### Statistical Ambient Noise Levels

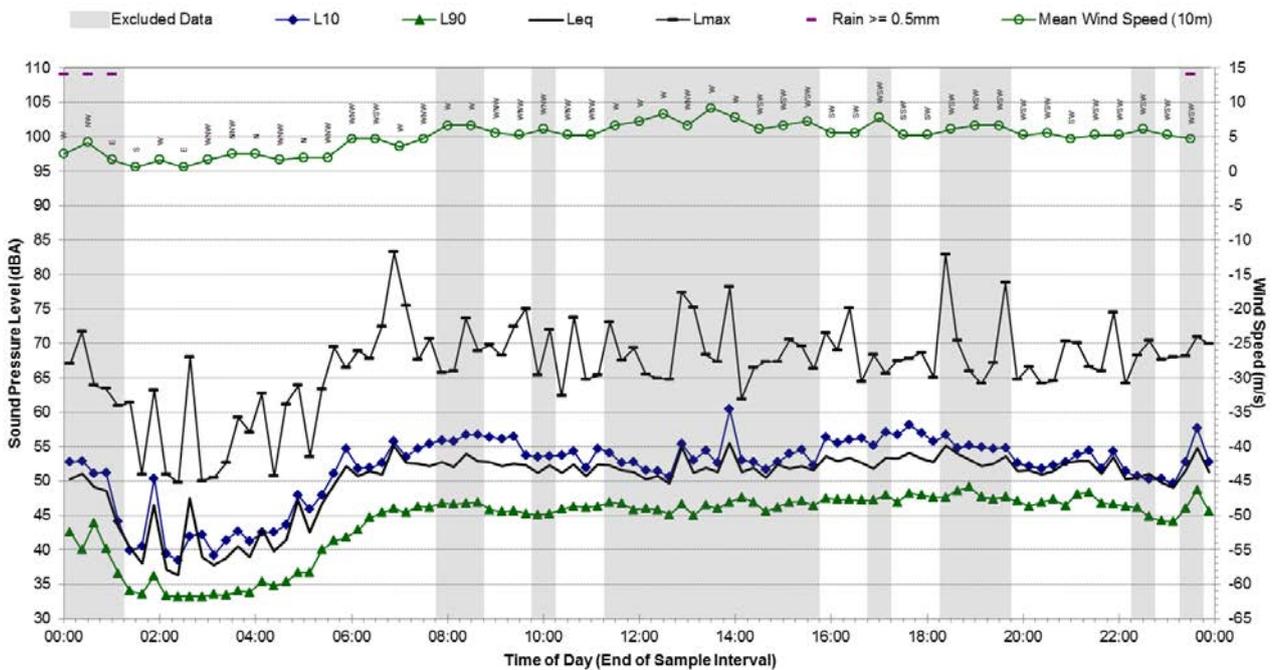
B.22 - Tuesday, 1 September 2015



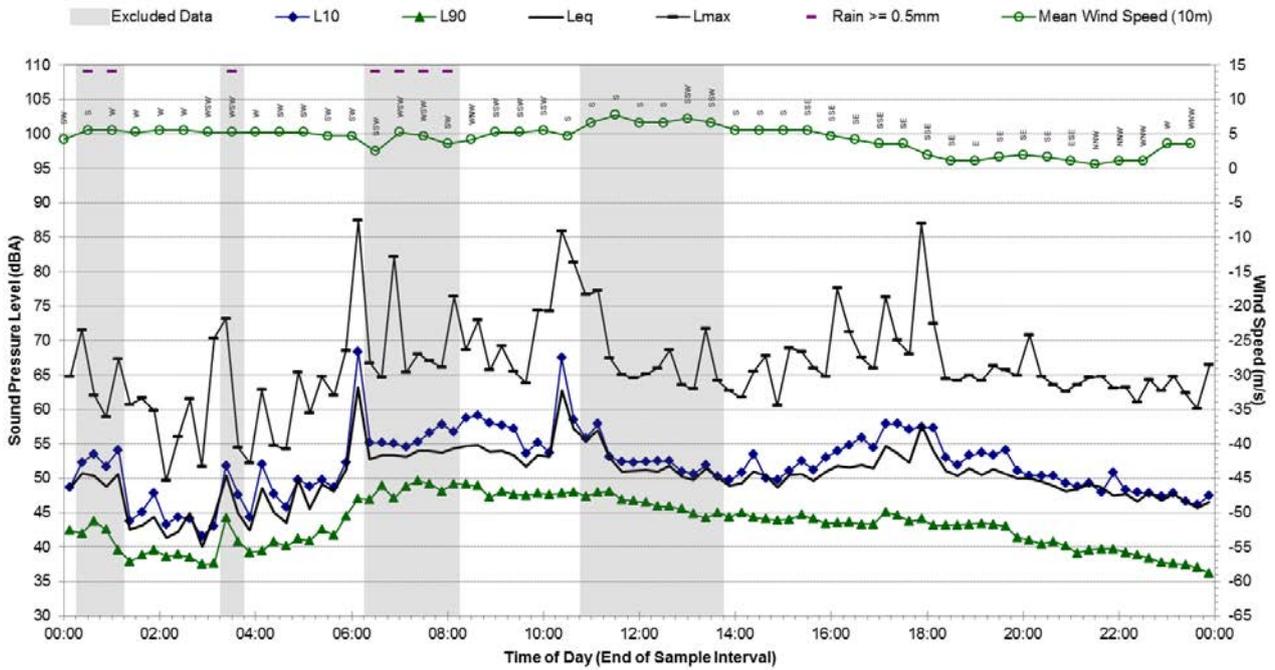
### Statistical Ambient Noise Levels B.22 - Wednesday, 2 September 2015



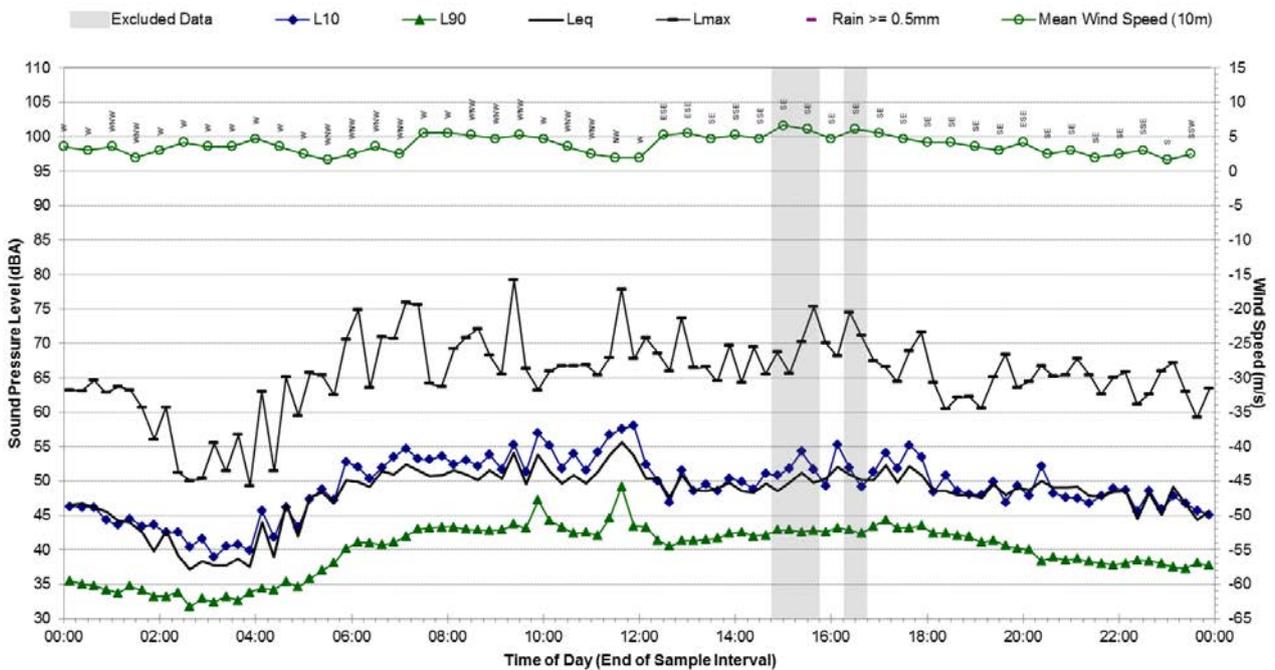
### Statistical Ambient Noise Levels B.22 - Thursday, 3 September 2015



### Statistical Ambient Noise Levels B.22 - Friday, 4 September 2015

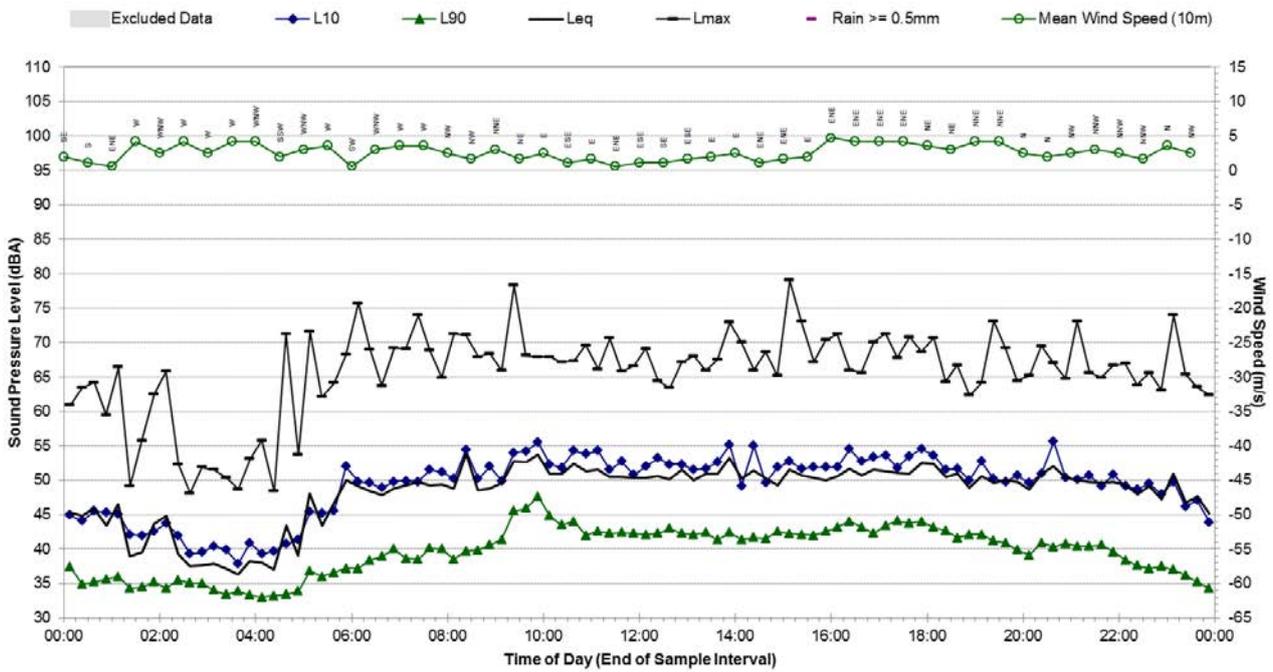


### Statistical Ambient Noise Levels B.22 - Saturday, 5 September 2015



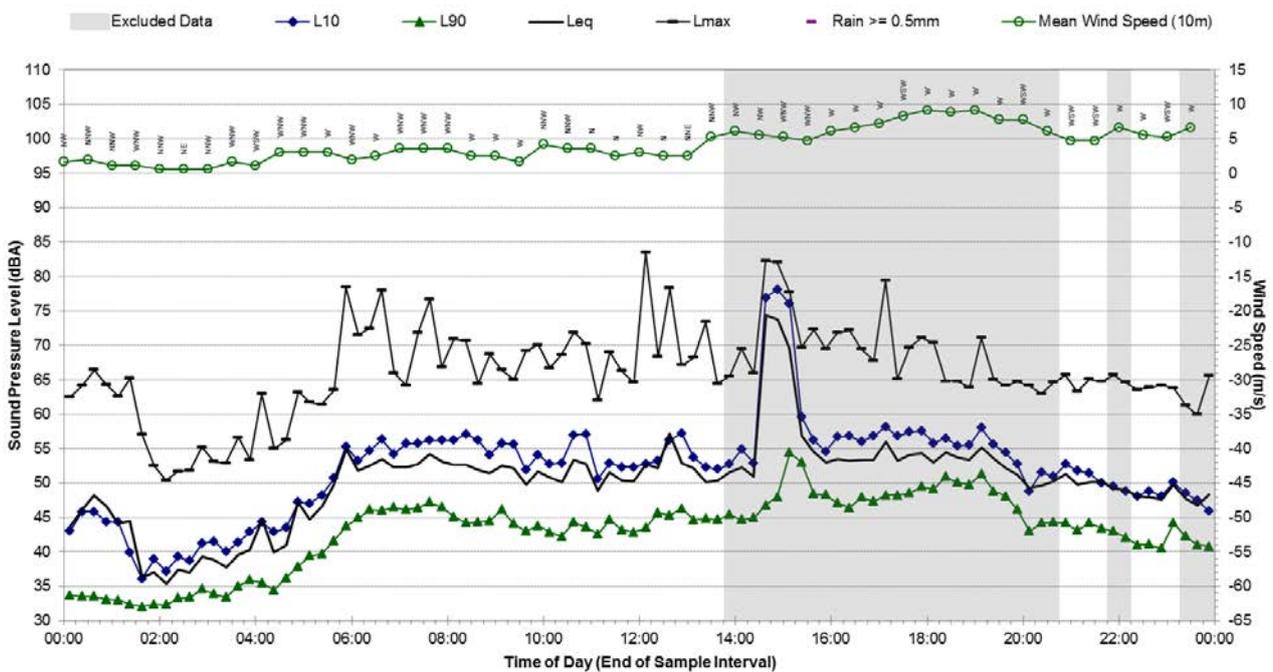
### Statistical Ambient Noise Levels

B.22 - Sunday, 6 September 2015

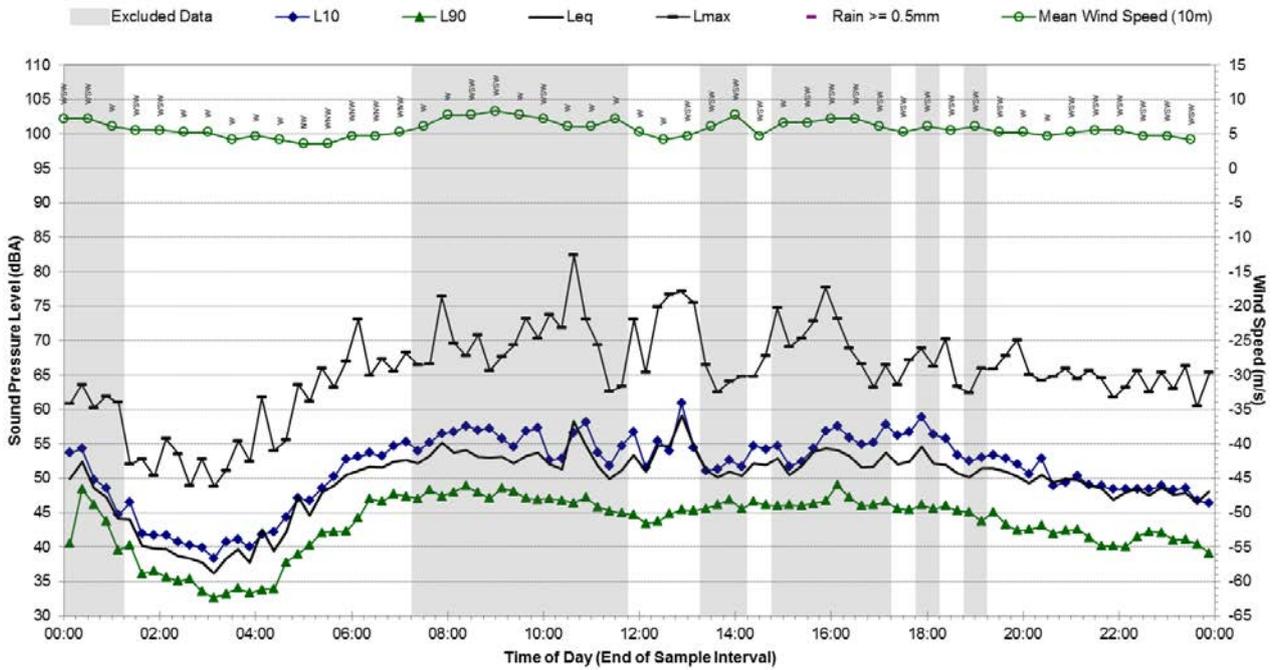


### Statistical Ambient Noise Levels

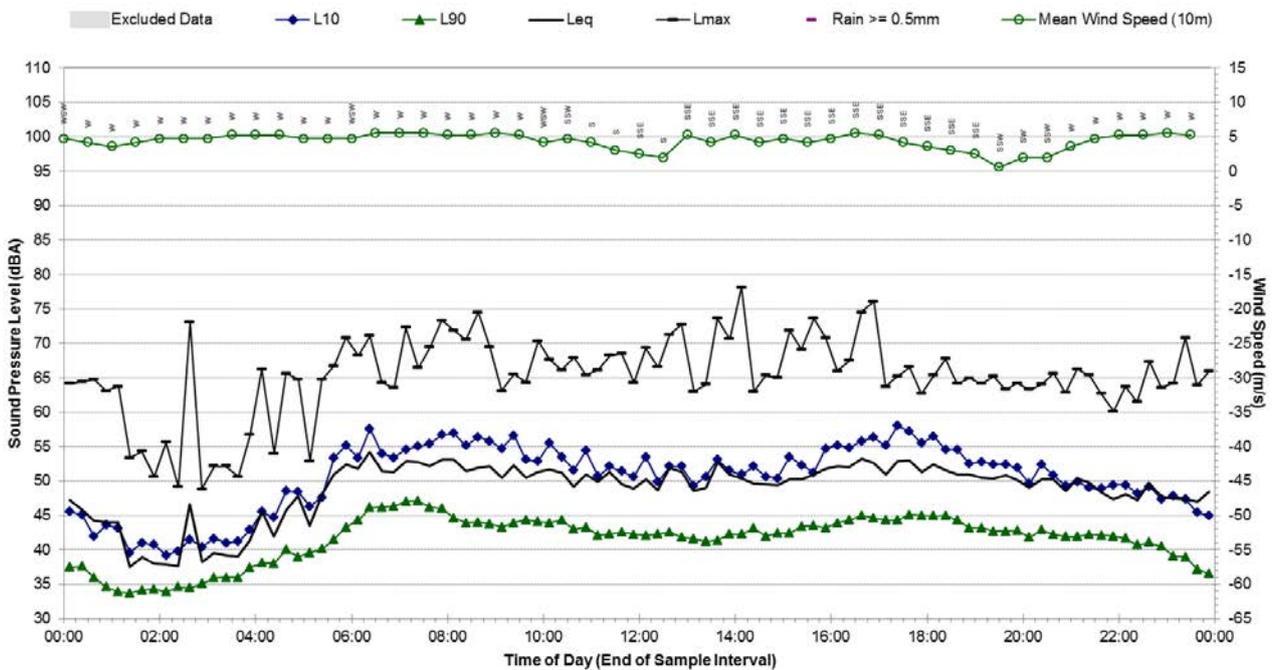
B.22 - Monday, 7 September 2015



### Statistical Ambient Noise Levels B.22 - Tuesday, 8 September 2015

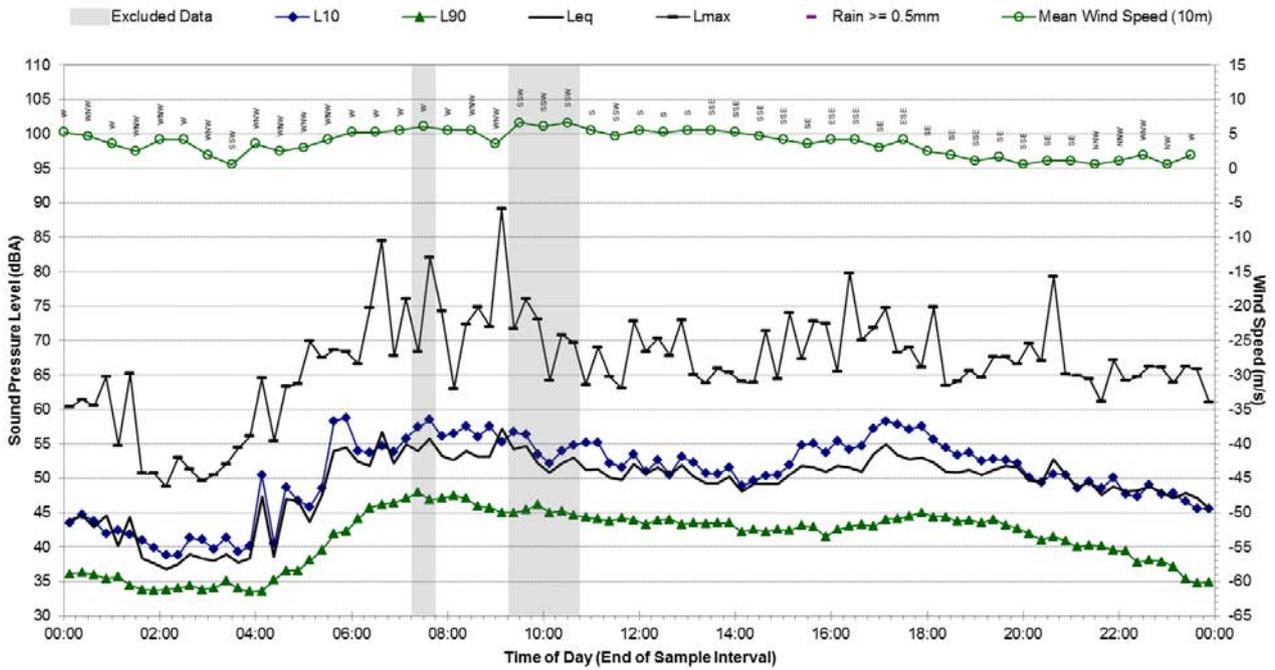


### Statistical Ambient Noise Levels B.22 - Wednesday, 9 September 2015



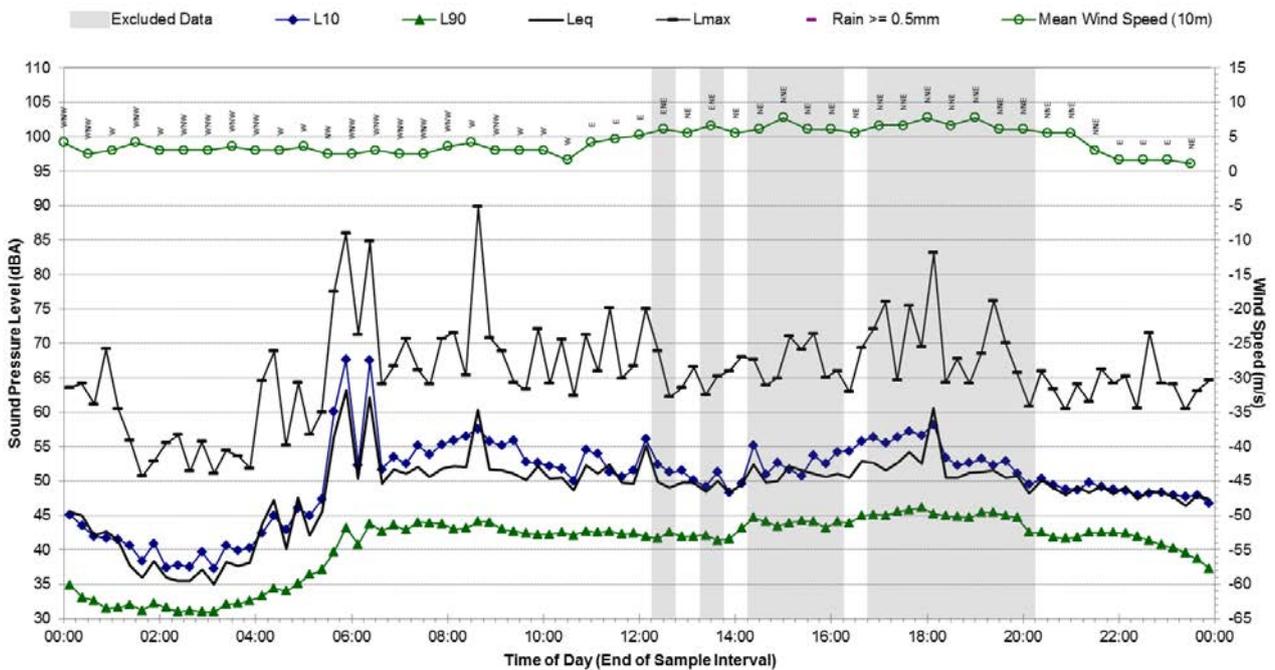
### Statistical Ambient Noise Levels

B.22 - Thursday, 10 September 2015

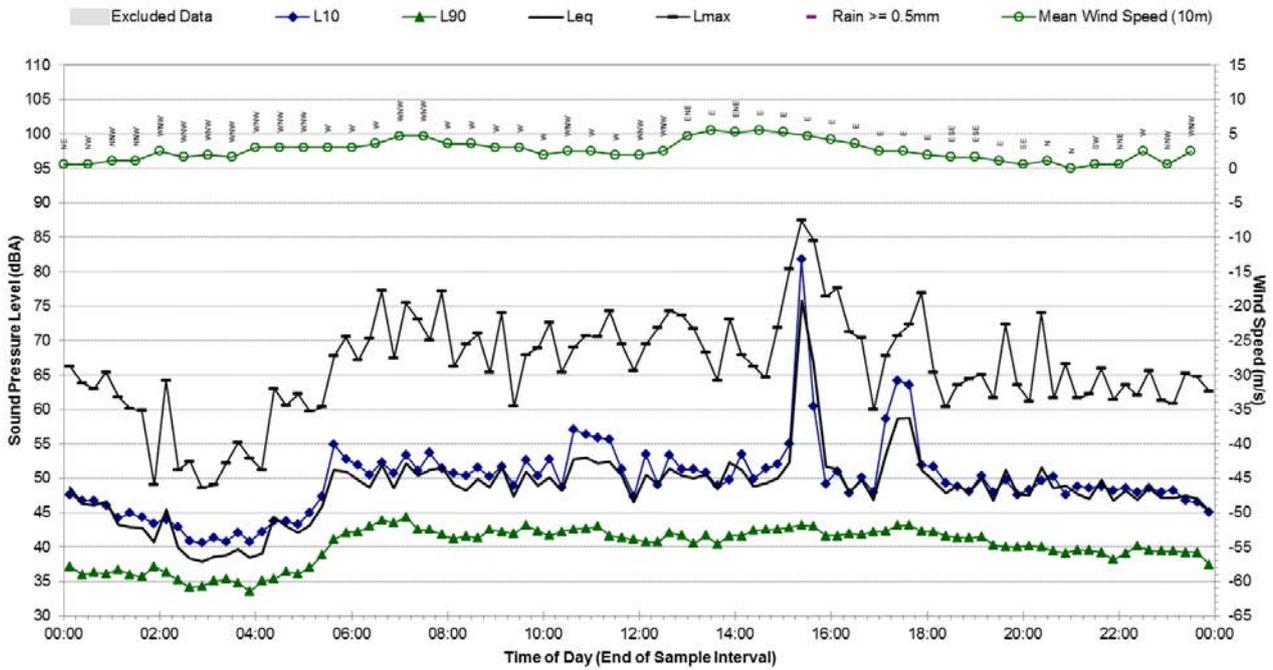


### Statistical Ambient Noise Levels

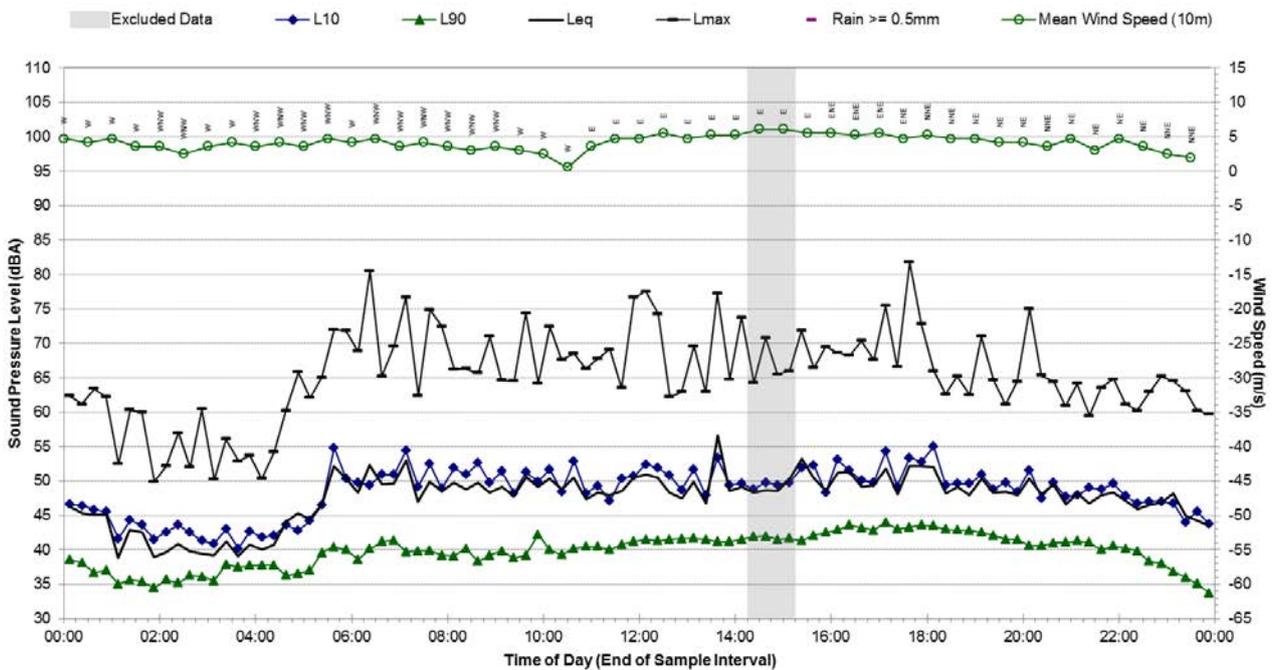
B.22 - Friday, 11 September 2015



### Statistical Ambient Noise Levels B.22 - Saturday, 12 September 2015

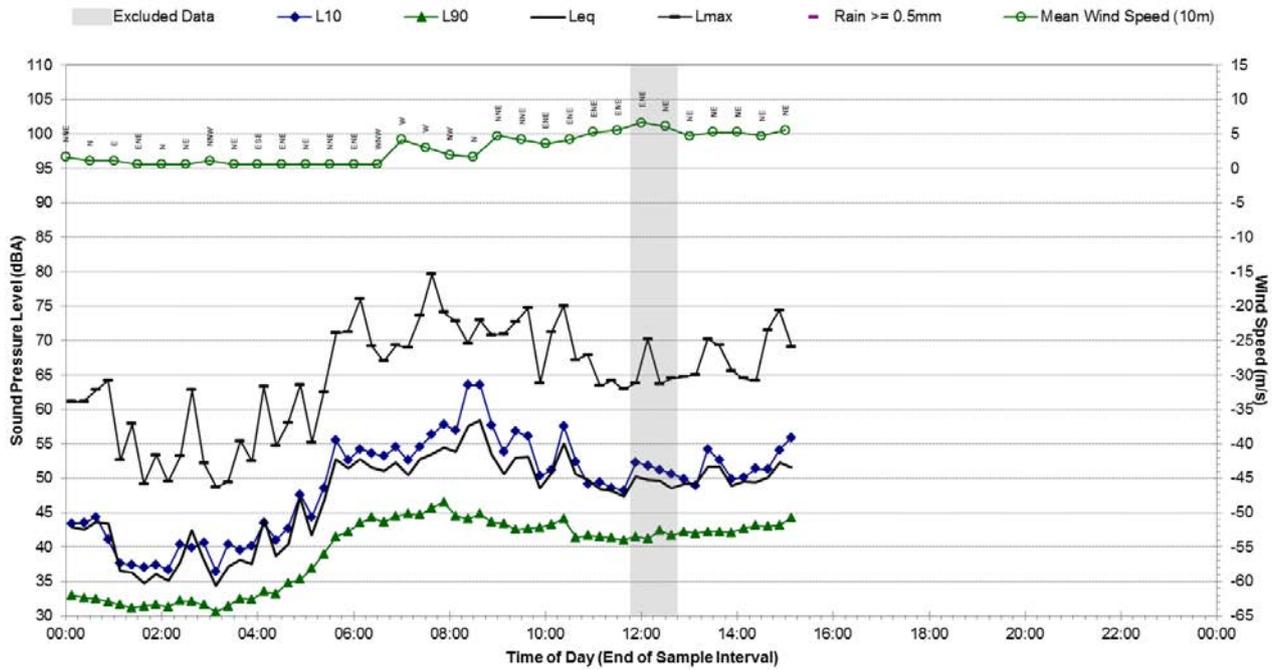


### Statistical Ambient Noise Levels B.22 - Sunday, 13 September 2015



### Statistical Ambient Noise Levels

B.22 - Monday, 14 September 2015



## Appendix B.23

Report 610.14718

Page 184 of 204

### Background Noise Monitoring Results – B.23

<b>Noise Monitoring Location:</b>	<b>B.23</b>
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<b>Noise Monitoring Address:</b>	<b>518 Pacific Highway, Lane Cove North 2067 (Chatswood South Uniting Church)</b>
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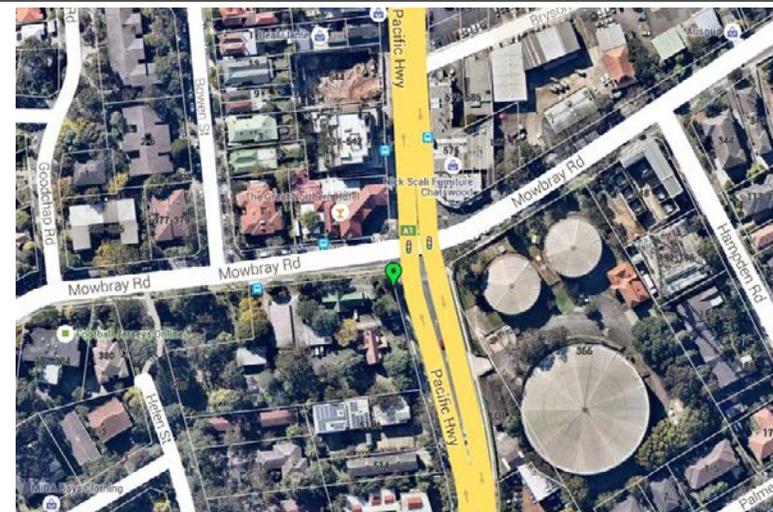
Logger Device Type: ARL-EL316

Logger Serial No: 16-306-041

Ambient noise logger deployed in the front garden of the Chatswood South Uniting Church at address 518 Pacific Highway, Lane Cove North.

Attended noise measurements indicate that the ambient noise environment at this location is dominated by road traffic noise from the Pacific Highway and Mowbray Road.

#### Map of Noise Monitoring Location



<b>Ambient Noise Logging Results – INP Defined Time Periods</b>	<b>Photo of Noise Monitoring Location</b>
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Monitoring Period	Noise Level (dBA)			
	RBL	LAeq	L10	L1
Daytime	63	71	73	78
Evening	60	70	71	77
Night-time	45	67	68	75

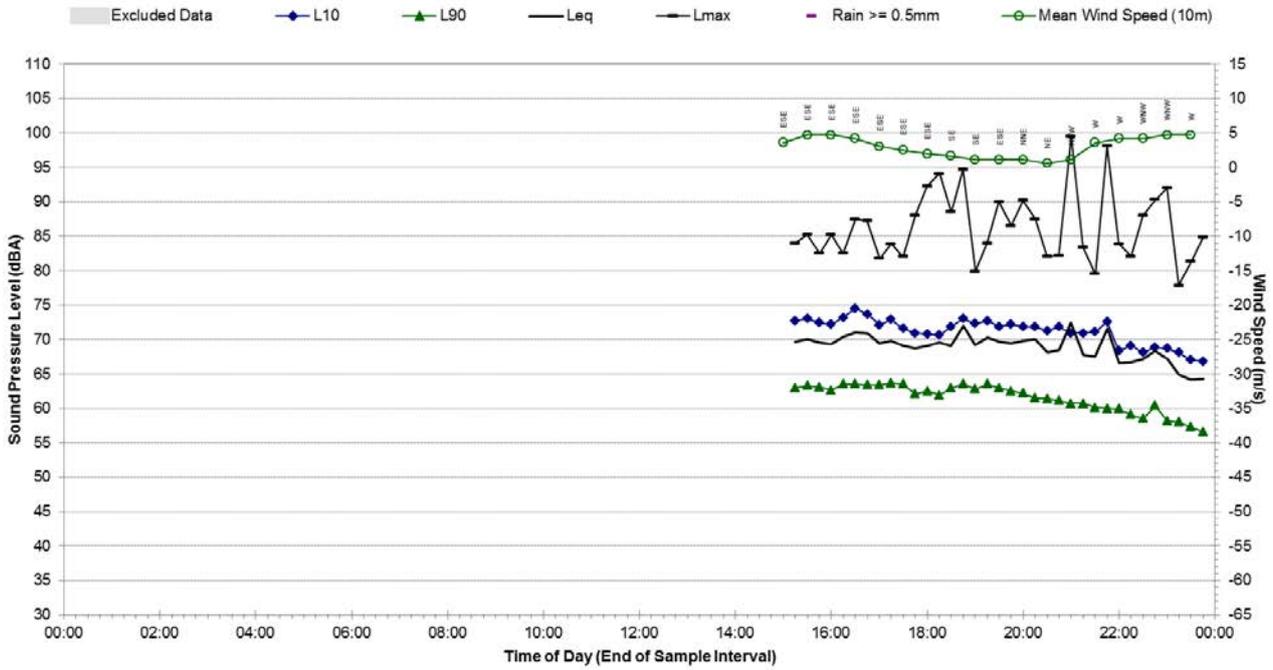
#### Attended Noise Measurement Results

Date	Start Time	Measured Noise Level (dBA)		
		LA90	LAeq	LAmx
15/09/2015	14:42:46	64	69	86



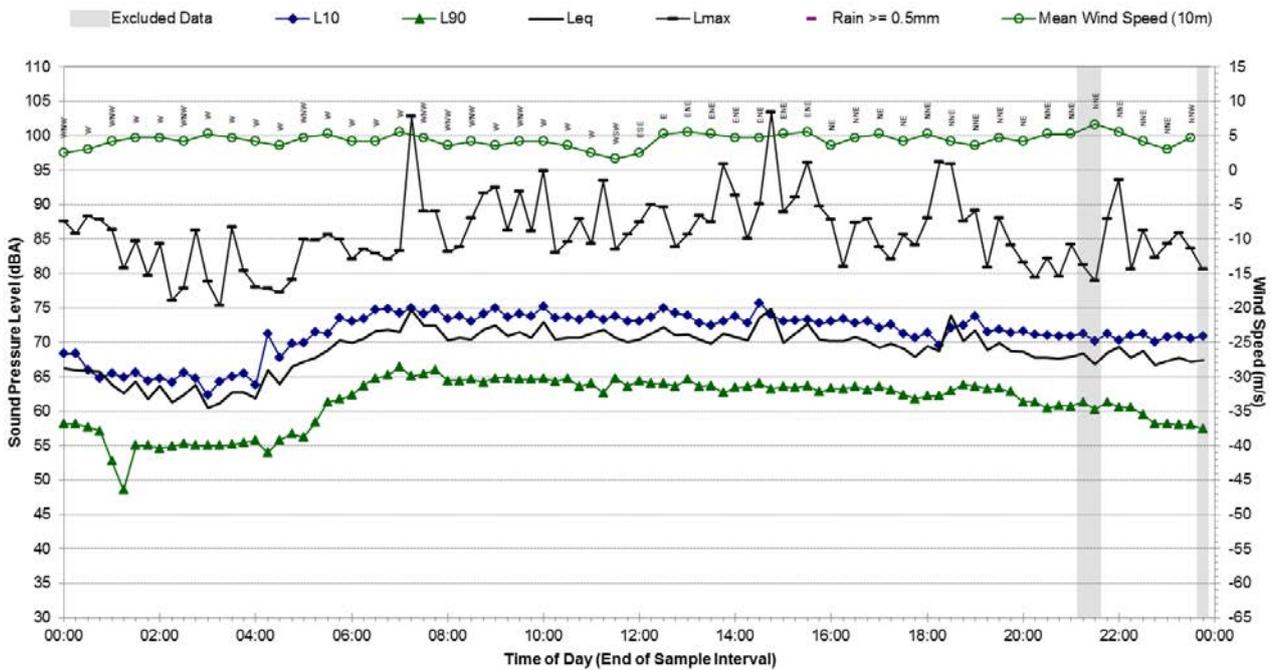
### Statistical Ambient Noise Levels

B.23 - Tuesday, 1 September 2015

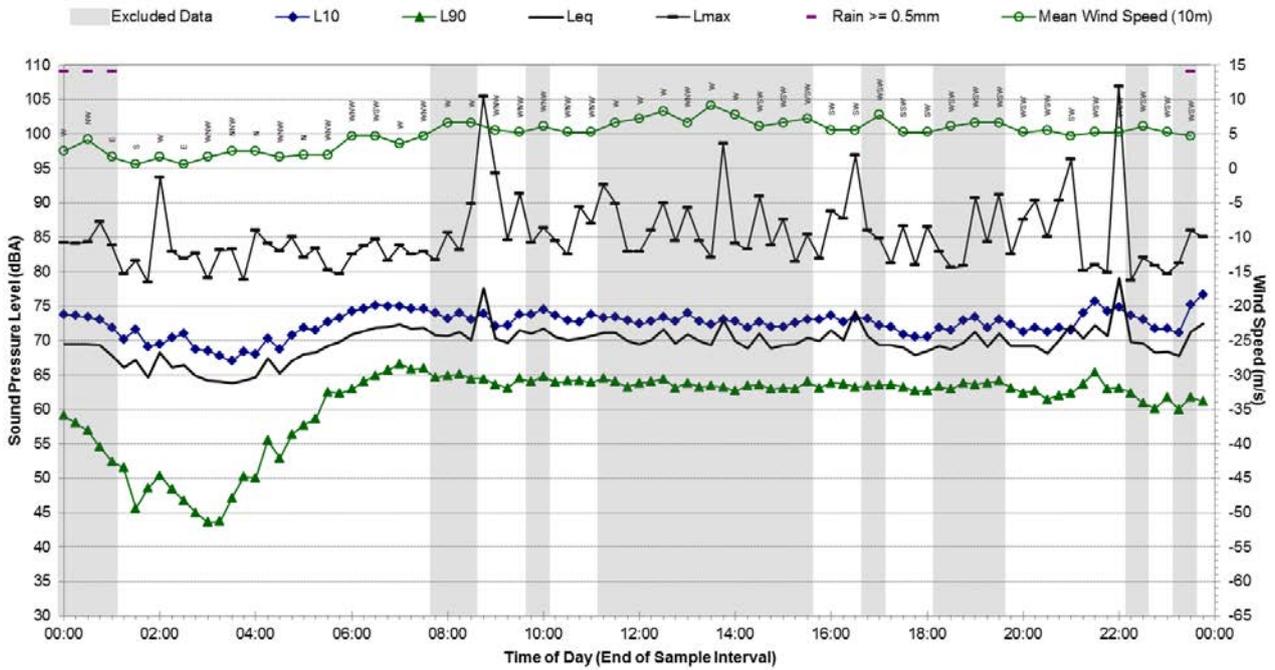


### Statistical Ambient Noise Levels

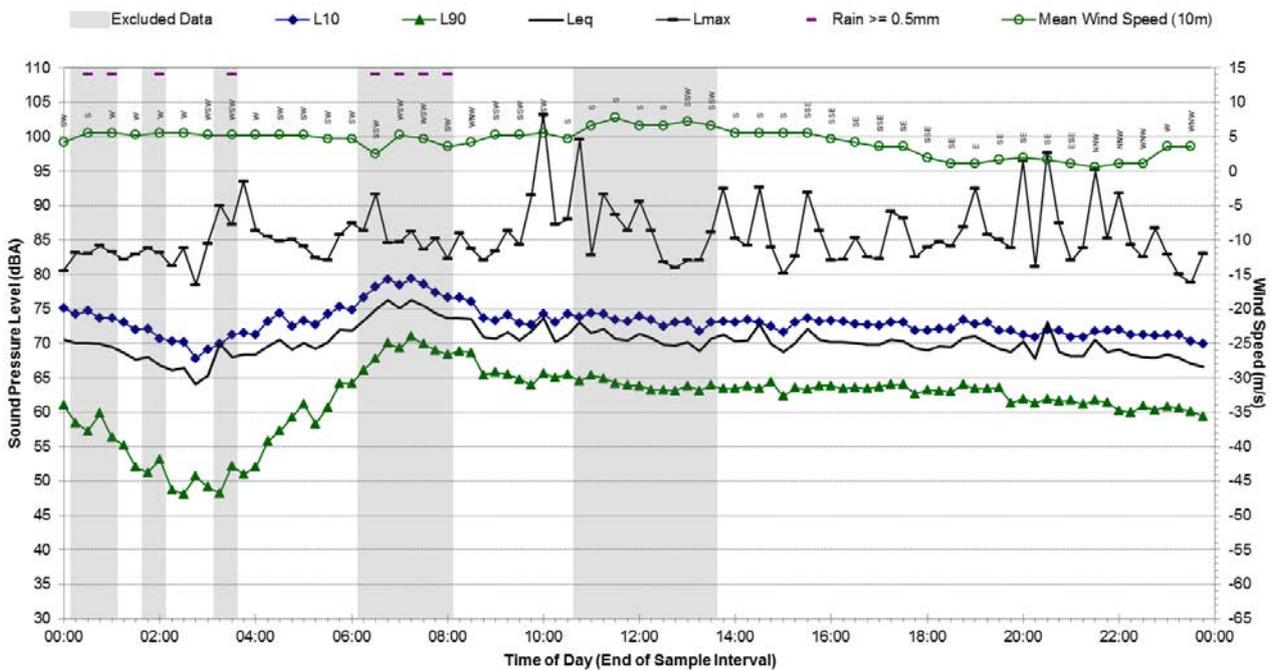
B.23 - Wednesday, 2 September 2015



### Statistical Ambient Noise Levels B.23 - Thursday, 3 September 2015

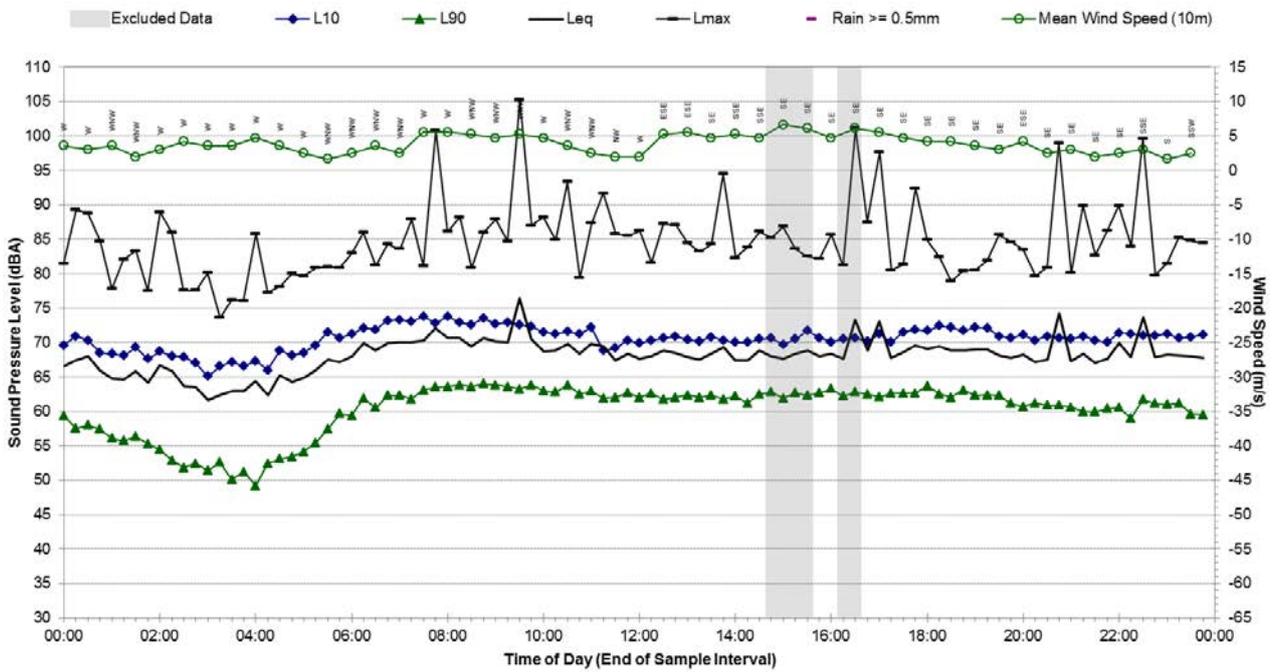


### Statistical Ambient Noise Levels B.23 - Friday, 4 September 2015



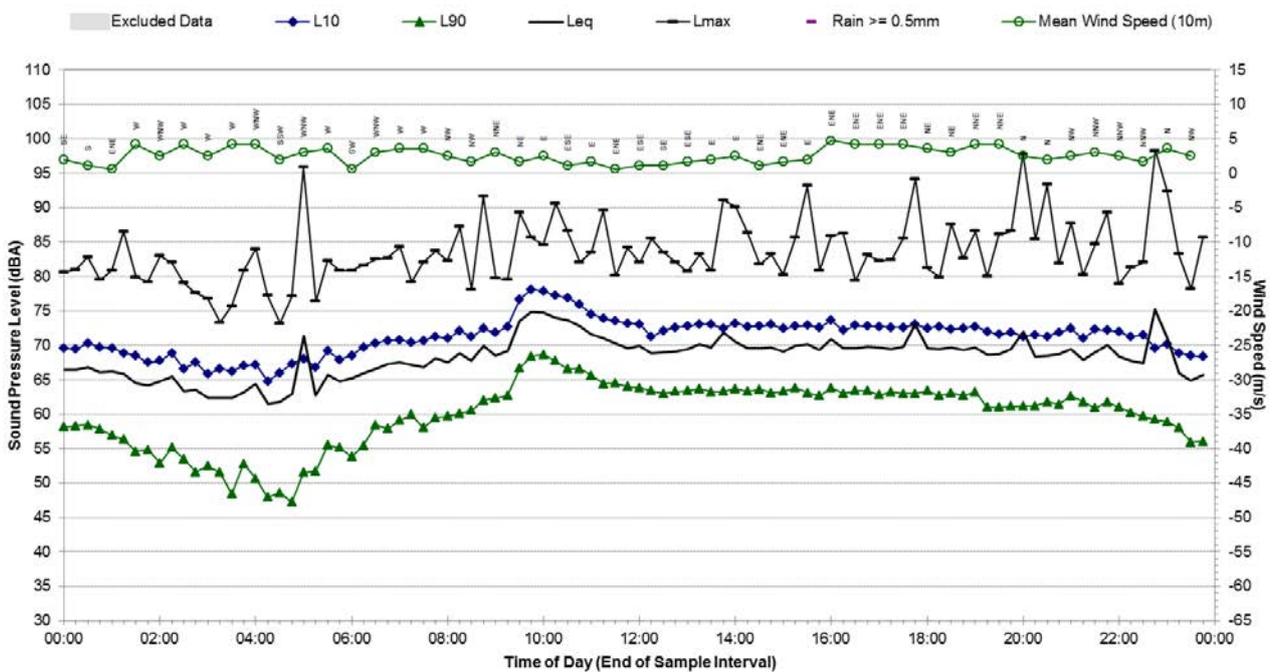
### Statistical Ambient Noise Levels

B.23 - Saturday, 5 September 2015



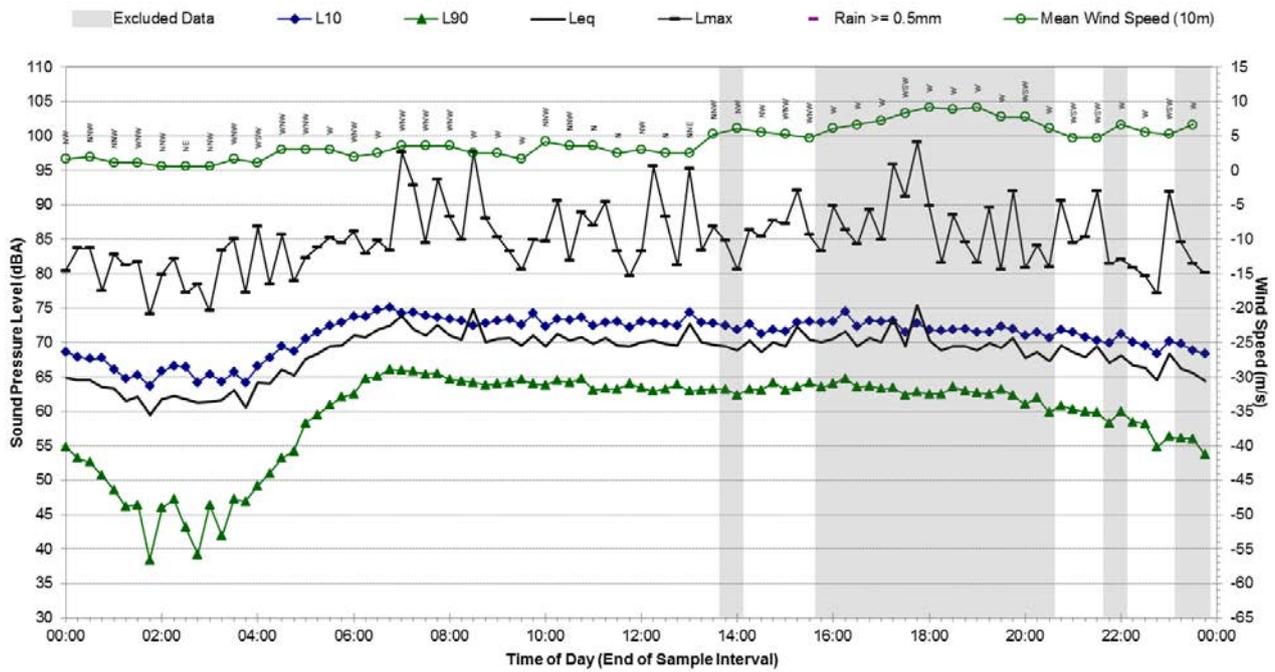
### Statistical Ambient Noise Levels

B.23 - Sunday, 6 September 2015



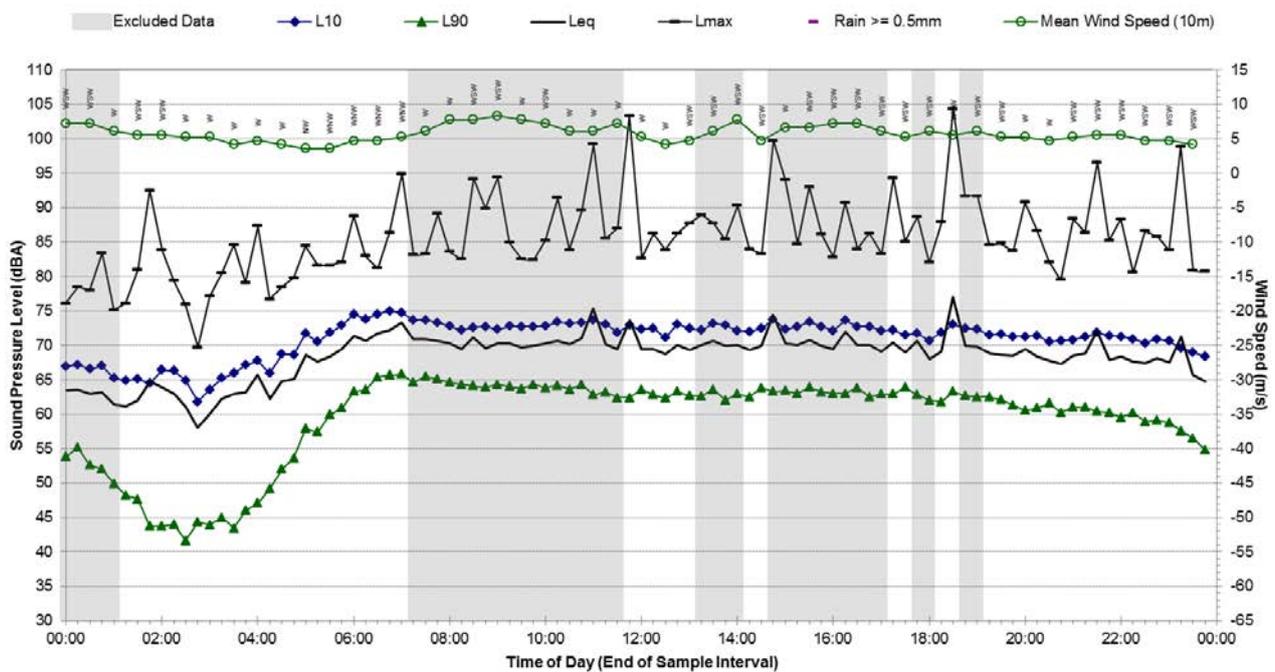
### Statistical Ambient Noise Levels

B.23 - Monday, 7 September 2015

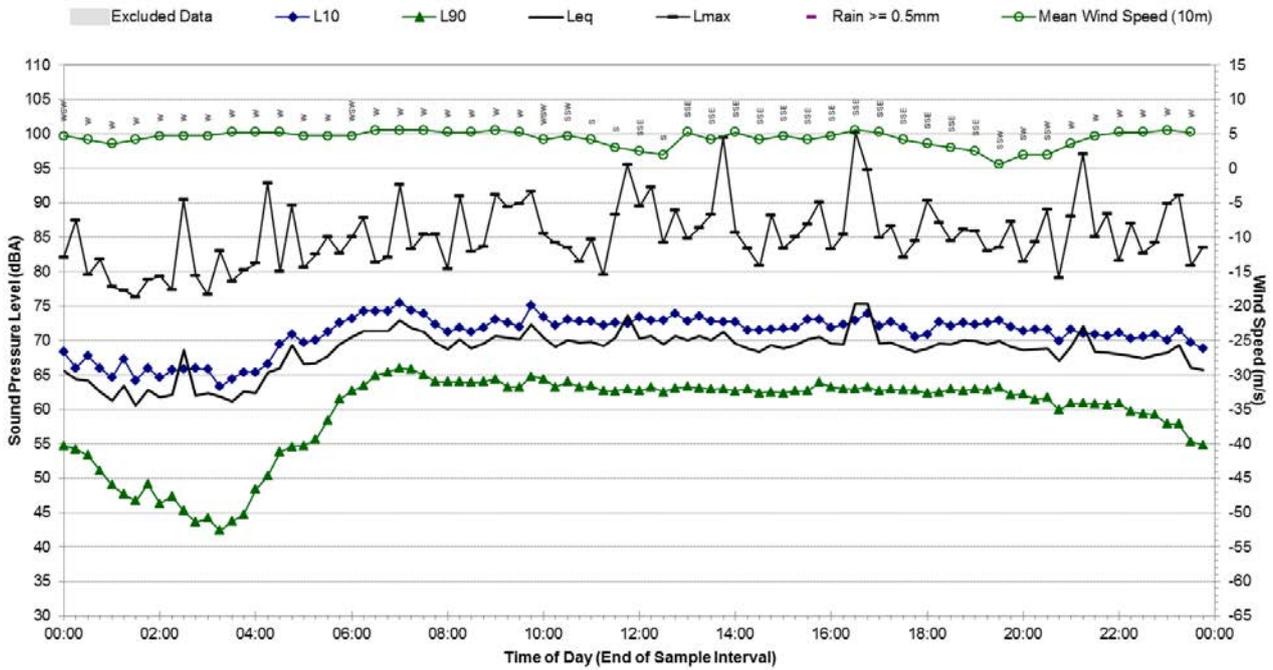


### Statistical Ambient Noise Levels

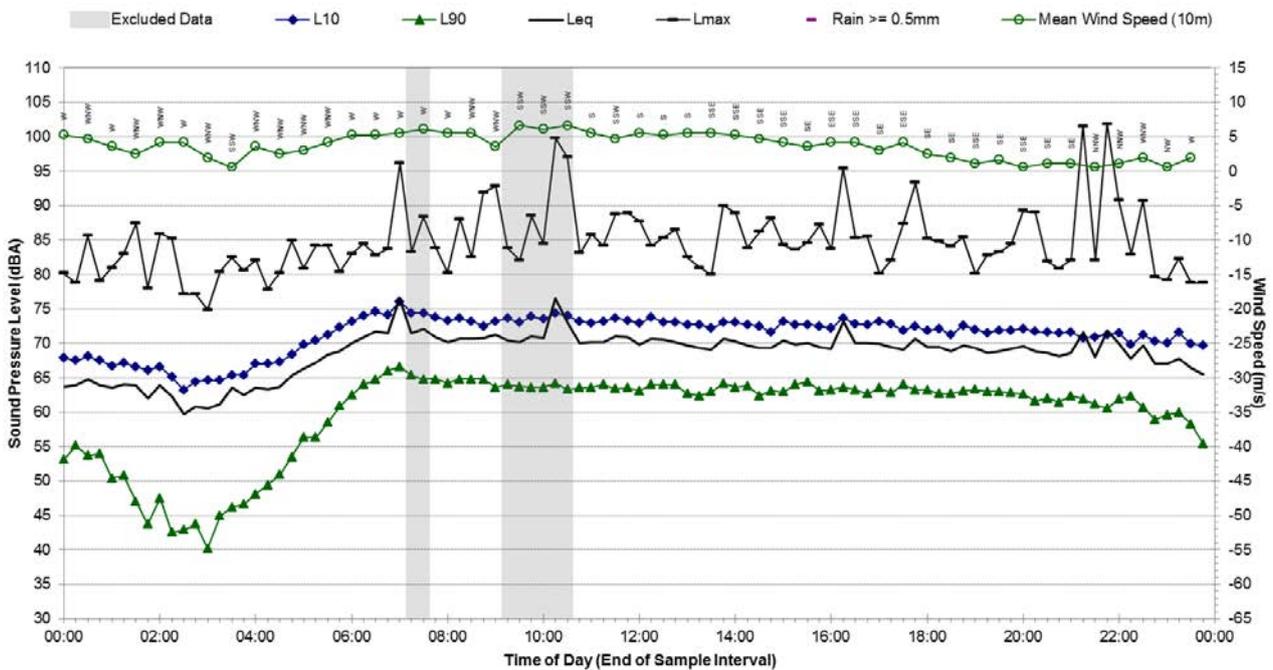
B.23 - Tuesday, 8 September 2015



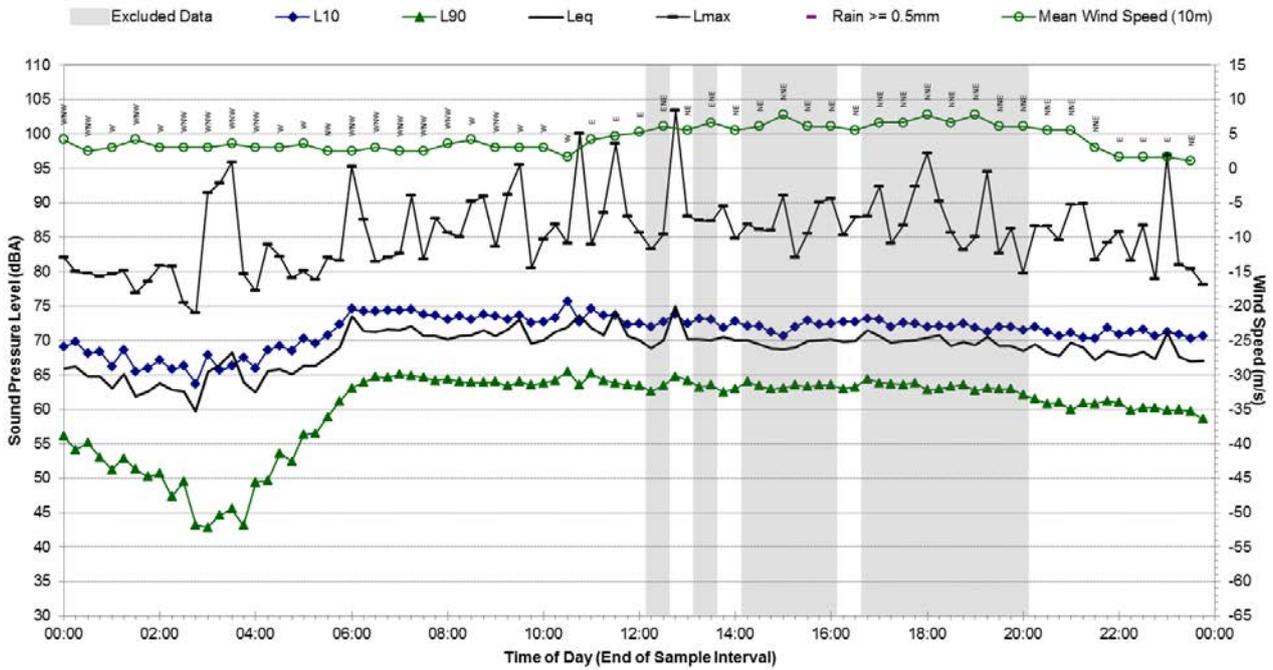
### Statistical Ambient Noise Levels B.23 - Wednesday, 9 September 2015



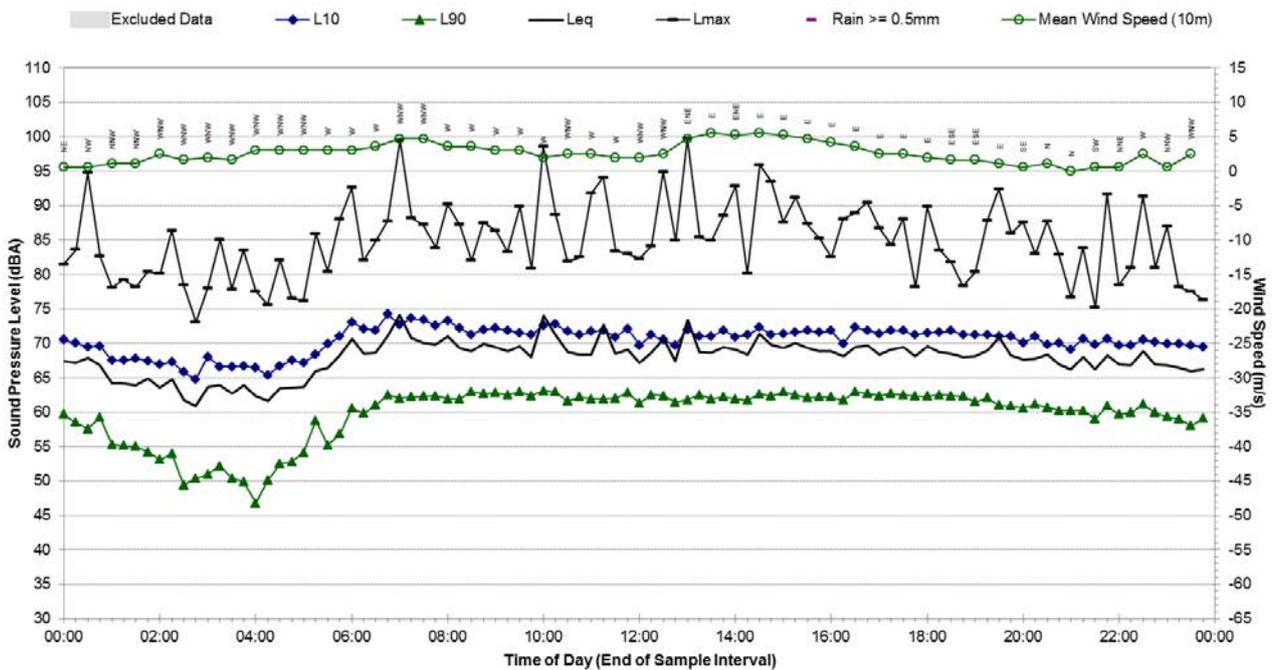
### Statistical Ambient Noise Levels B.23 - Thursday, 10 September 2015



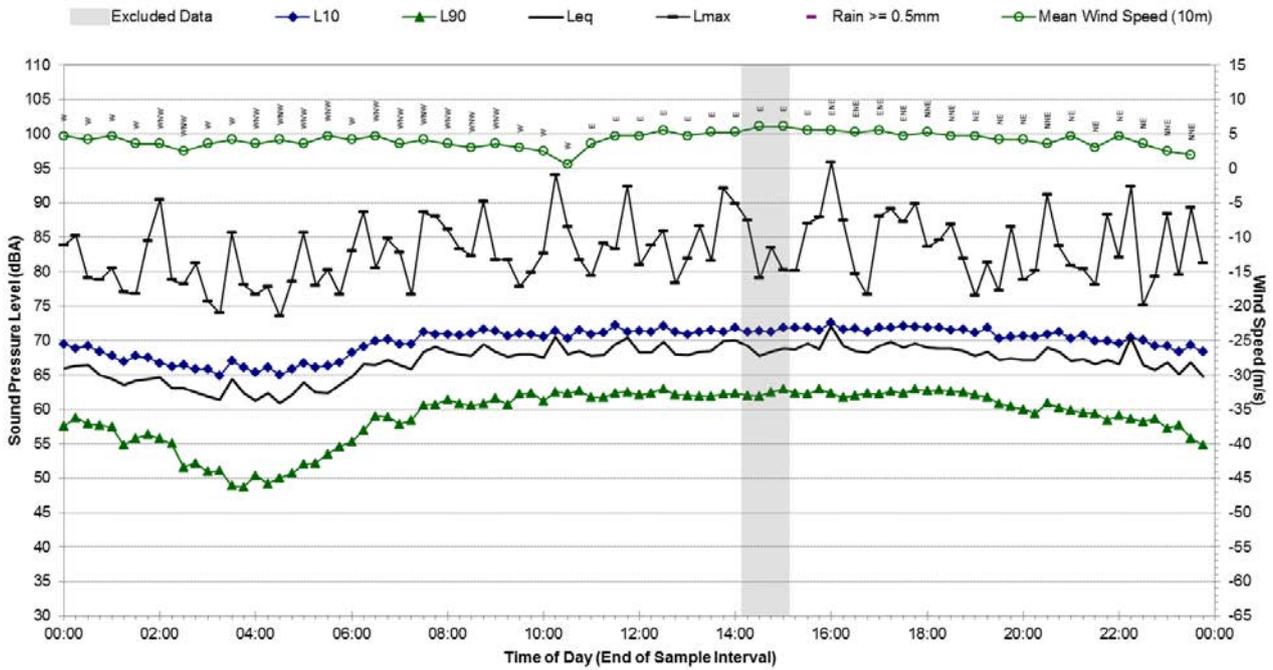
### Statistical Ambient Noise Levels B.23 - Friday, 11 September 2015



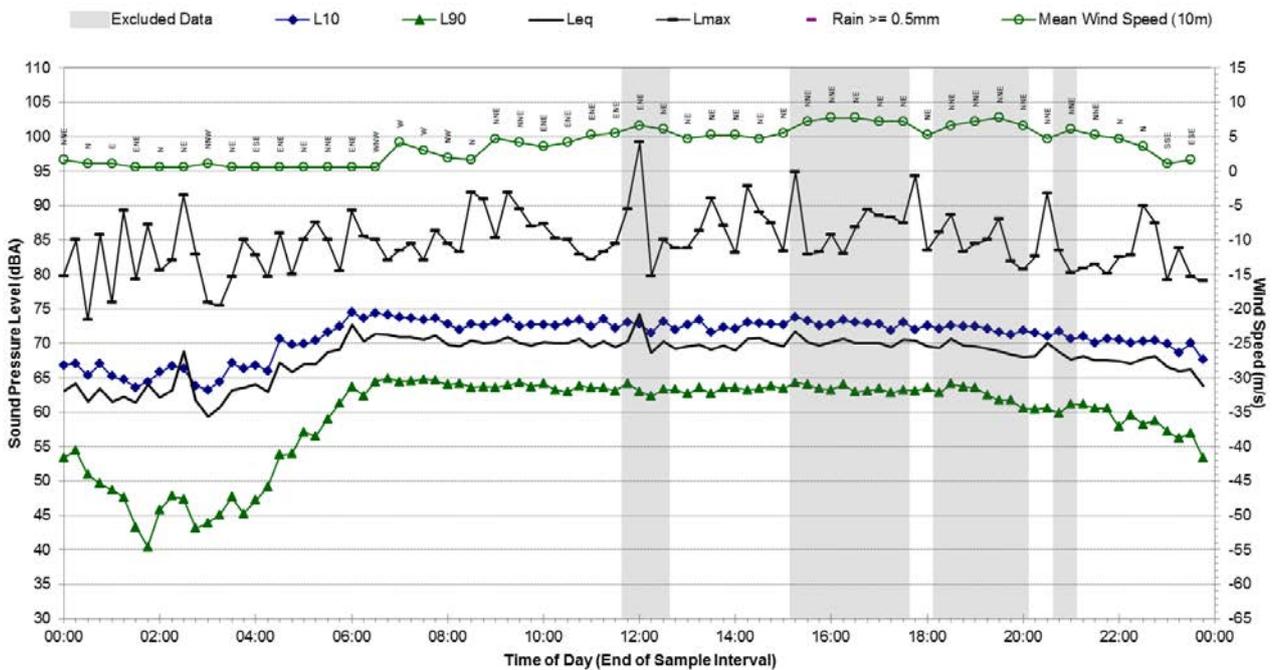
### Statistical Ambient Noise Levels B.23 - Saturday, 12 September 2015



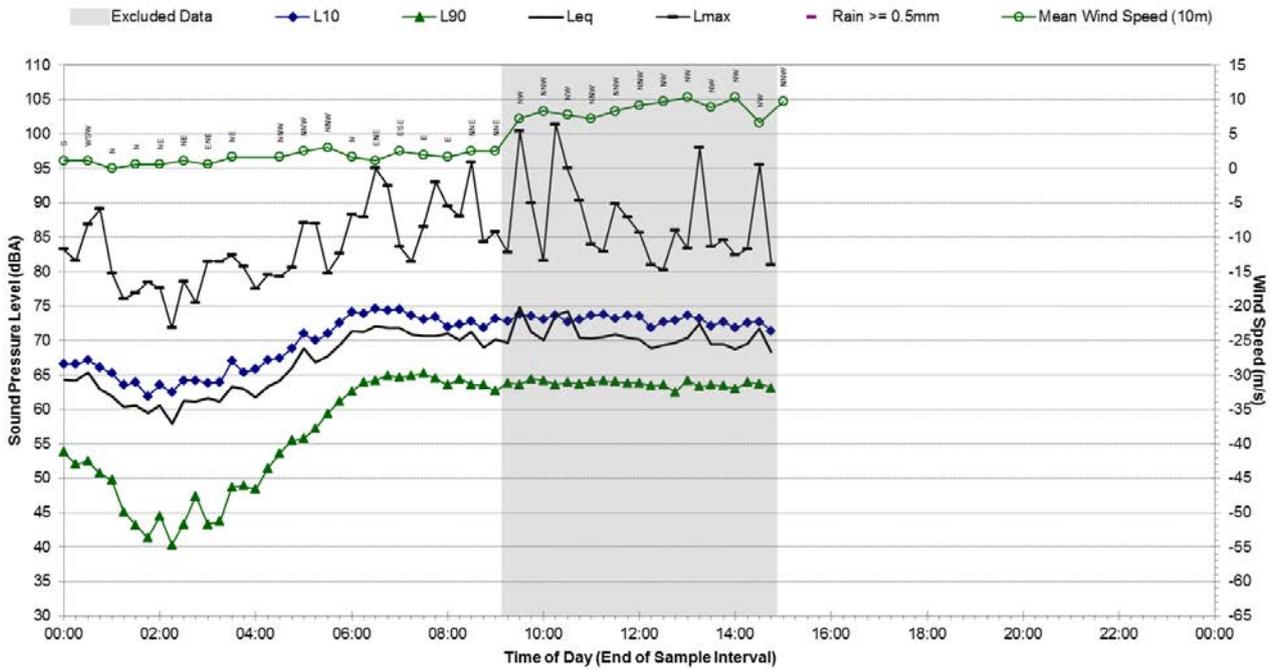
### Statistical Ambient Noise Levels B.23 - Sunday, 13 September 2015



### Statistical Ambient Noise Levels B.23 - Monday, 14 September 2015



**Statistical Ambient Noise Levels**  
**B.23 - Tuesday, 15 September 2015**



## Background Noise Monitoring Results – B.24

<b>Noise Monitoring Location:</b>	<b>B.24</b>
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<b>Noise Monitoring Address:</b>	<b>14 Nelson Street, Chatswood 2067 (Ausgrid)</b>
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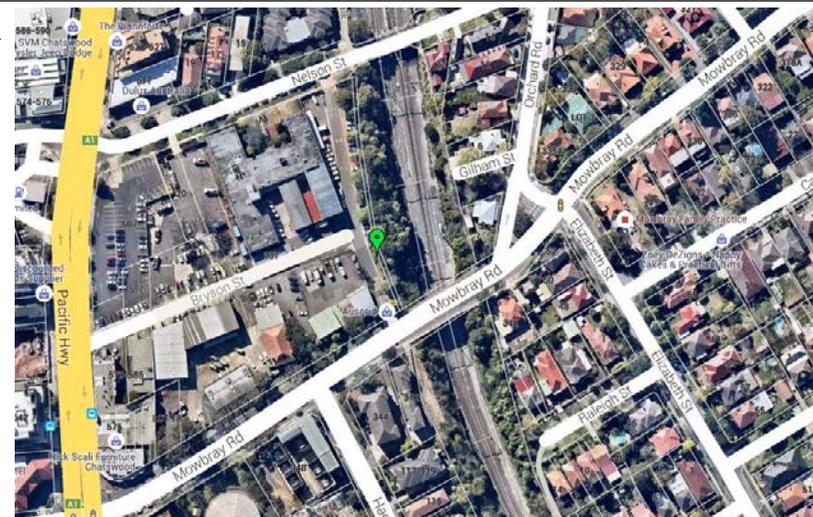
Logger Device Type: Svantek 957

Logger Serial No: 21884

Ambient noise logger deployed on the eastern side of the Chatswood Ausgrid complex at address 14 Nelson Street, Chatswood.

Attended noise measurements indicate the ambient noise environment at this location is dominated by rail traffic noise from the North Shore Line. Road traffic noise from Mowbray Road also provides regular contribution to the background noise at this location.

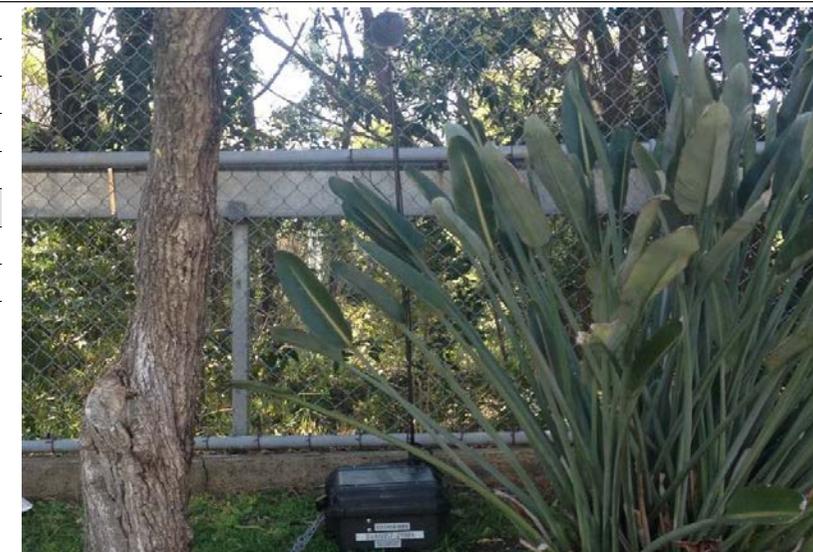
**Map of Noise Monitoring Location**



<b>Ambient Noise Logging Results – INP Defined Time Periods</b>	<b>Photo of Noise Monitoring Location</b>
---	---

Monitoring Period	Noise Level (dBA)			
	RBL	LAeq	L10	L1
Daytime	50	59	62	68
Evening	47	58	60	68
Night-time	39	55	56	65

**Photo of Noise Monitoring Location**

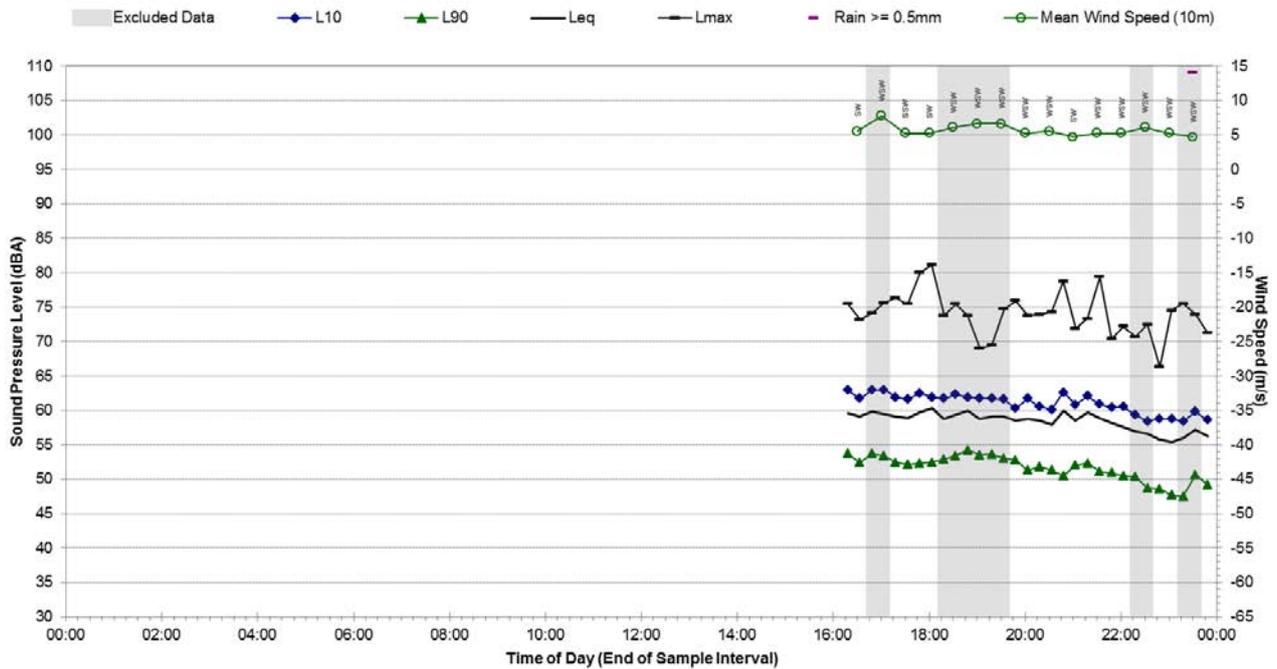


<b>Attended Noise Measurement Results</b>				
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Date	Start Time	Measured Noise Level (dBA)		
		LA90	LAeq	LAmx
16/09/2015	10:03:31	51	58	72

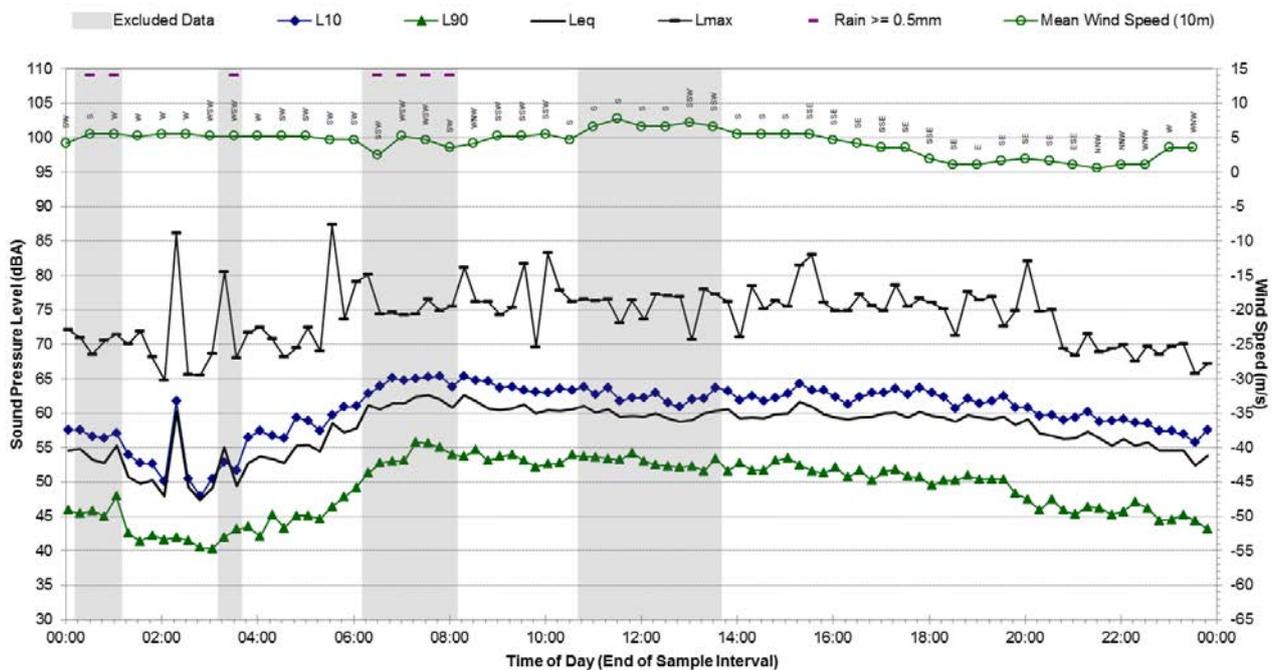
### Statistical Ambient Noise Levels

B.24 - Thursday, 3 September 2015



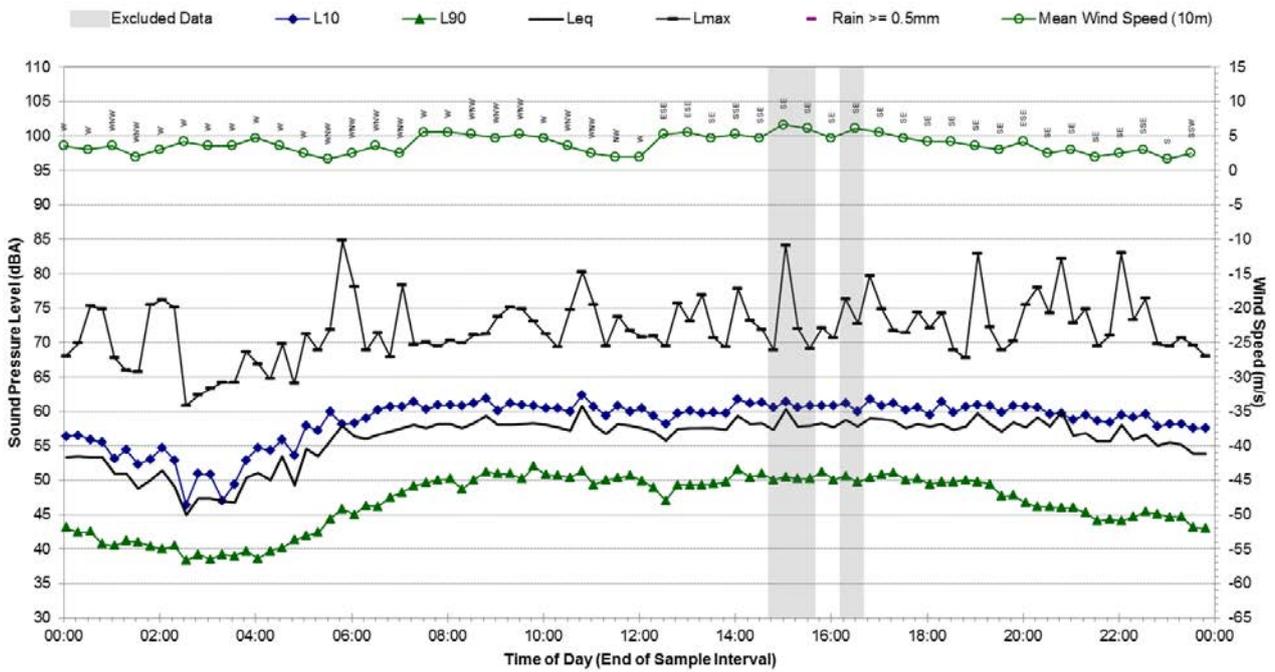
### Statistical Ambient Noise Levels

B.24 - Friday, 4 September 2015



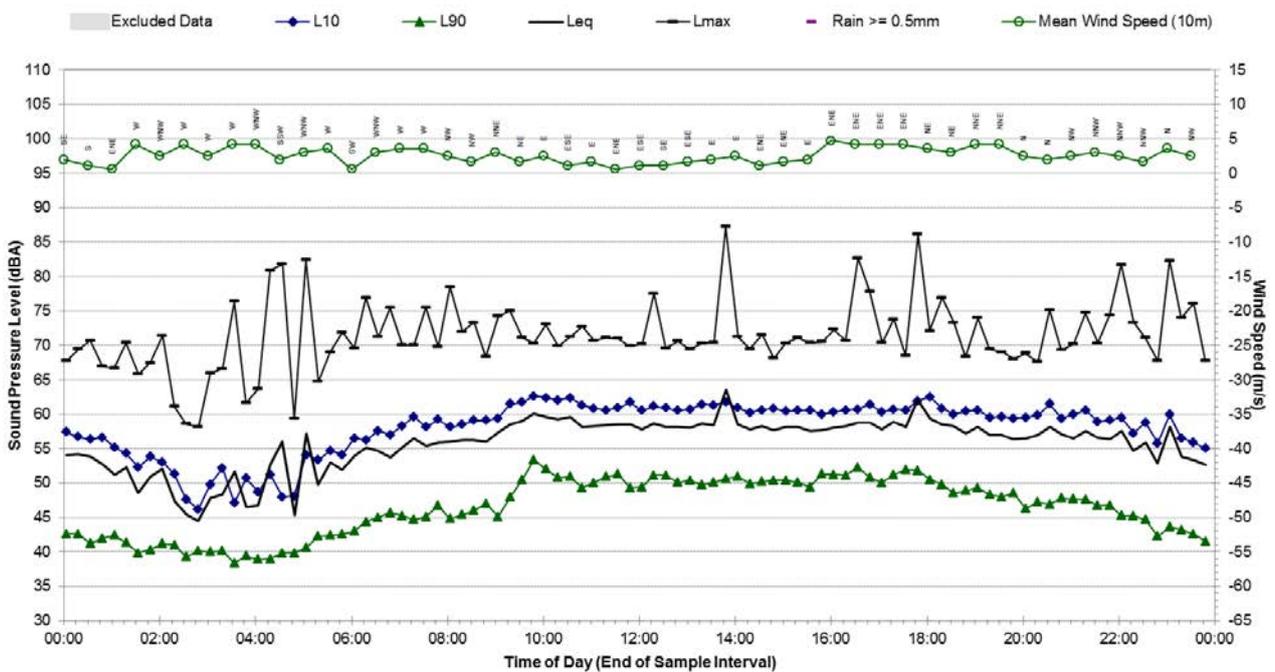
### Statistical Ambient Noise Levels

B.24 - Saturday, 5 September 2015

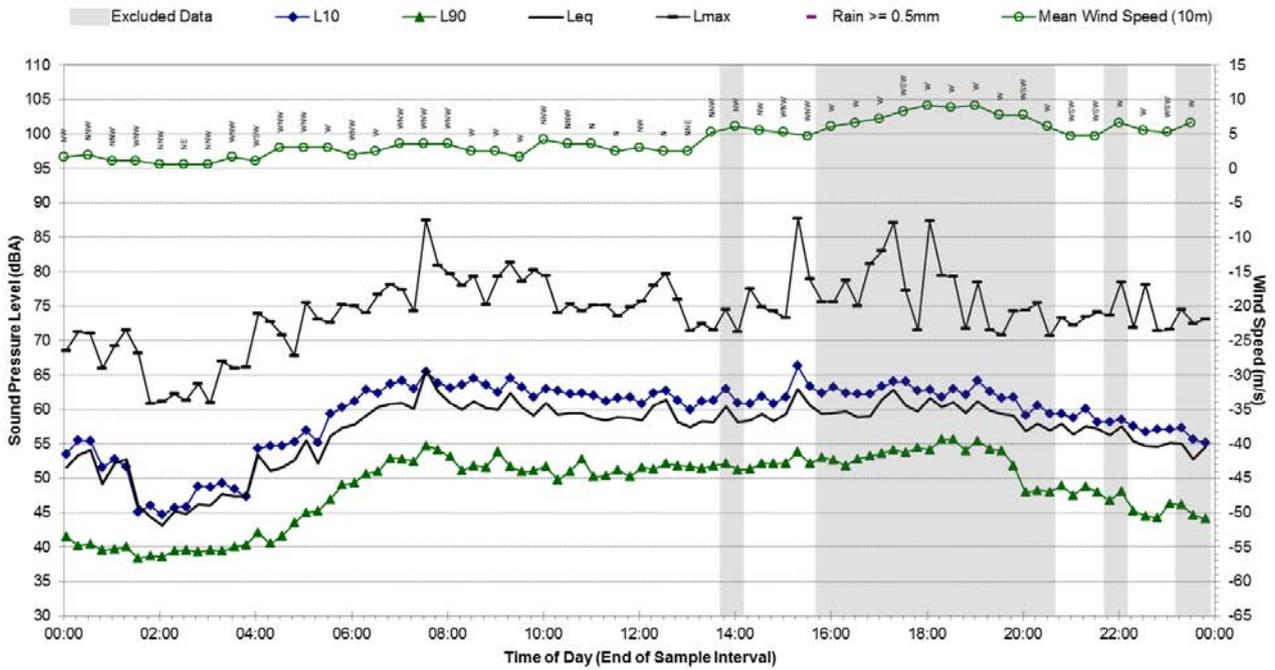


### Statistical Ambient Noise Levels

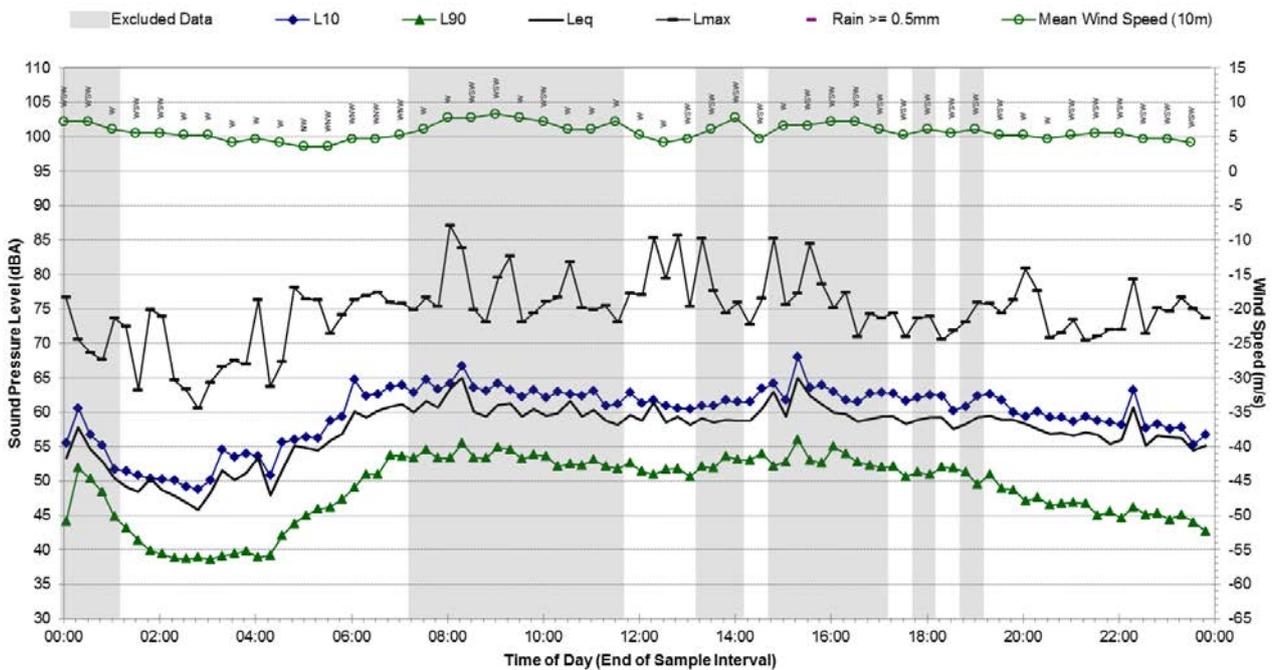
B.24 - Sunday, 6 September 2015



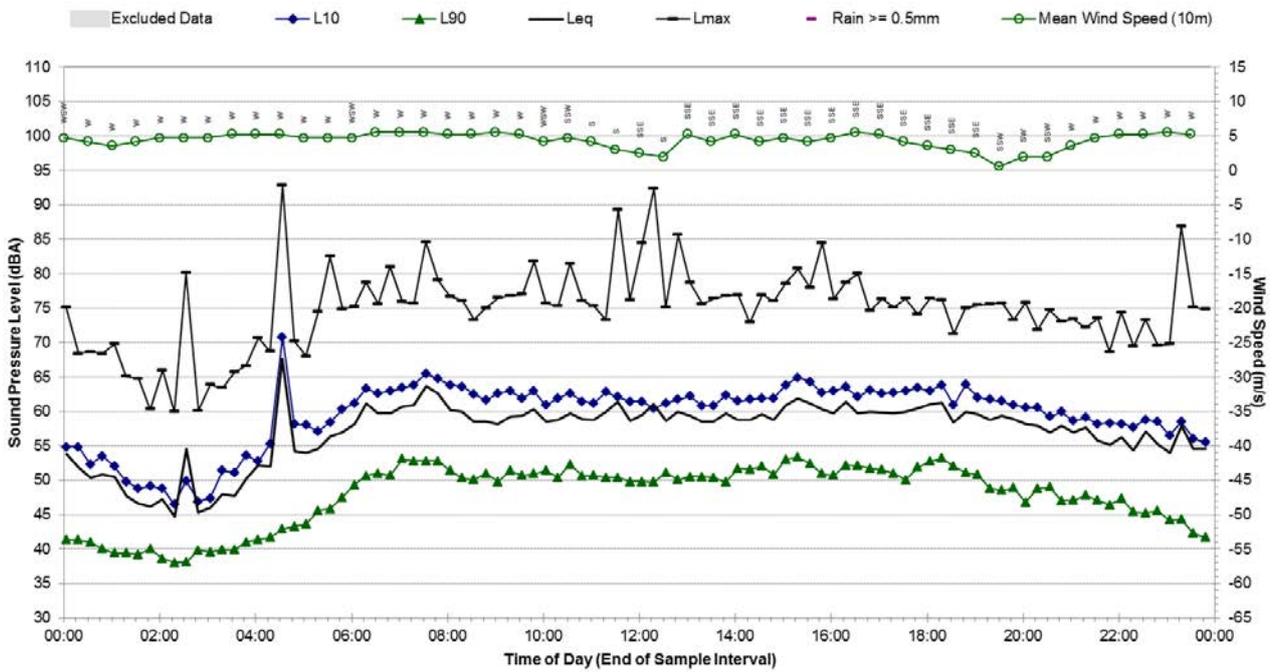
### Statistical Ambient Noise Levels B.24 - Monday, 7 September 2015



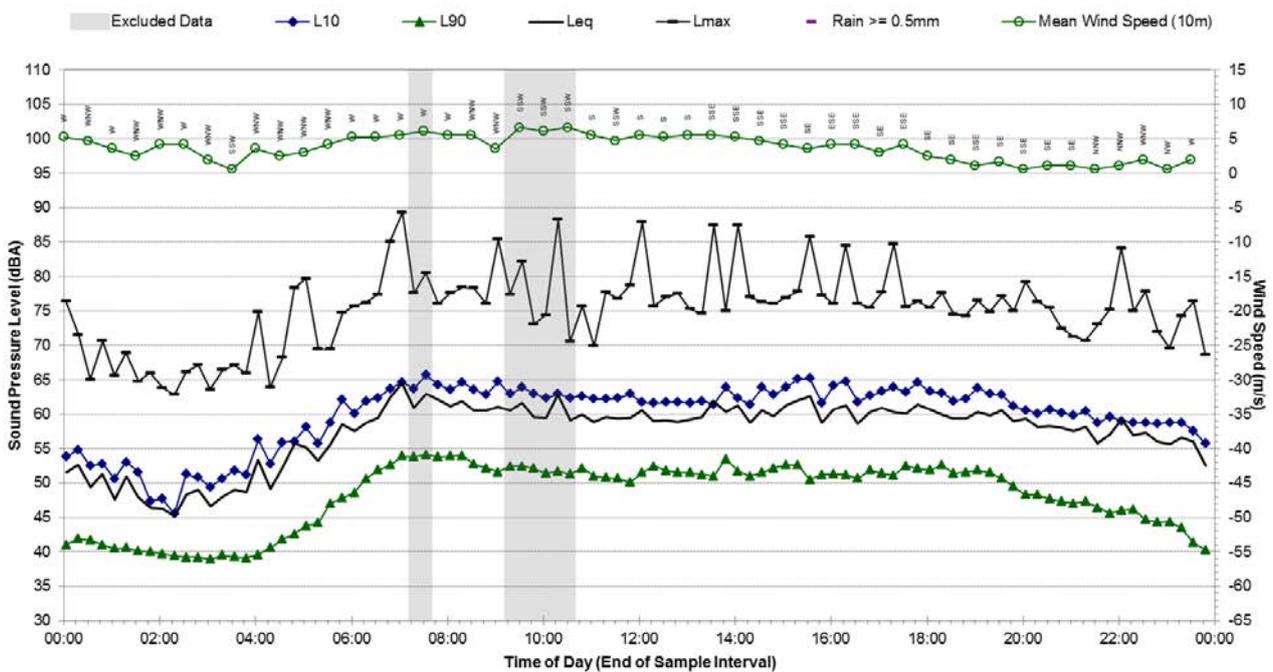
### Statistical Ambient Noise Levels B.24 - Tuesday, 8 September 2015



### Statistical Ambient Noise Levels B.24 - Wednesday, 9 September 2015

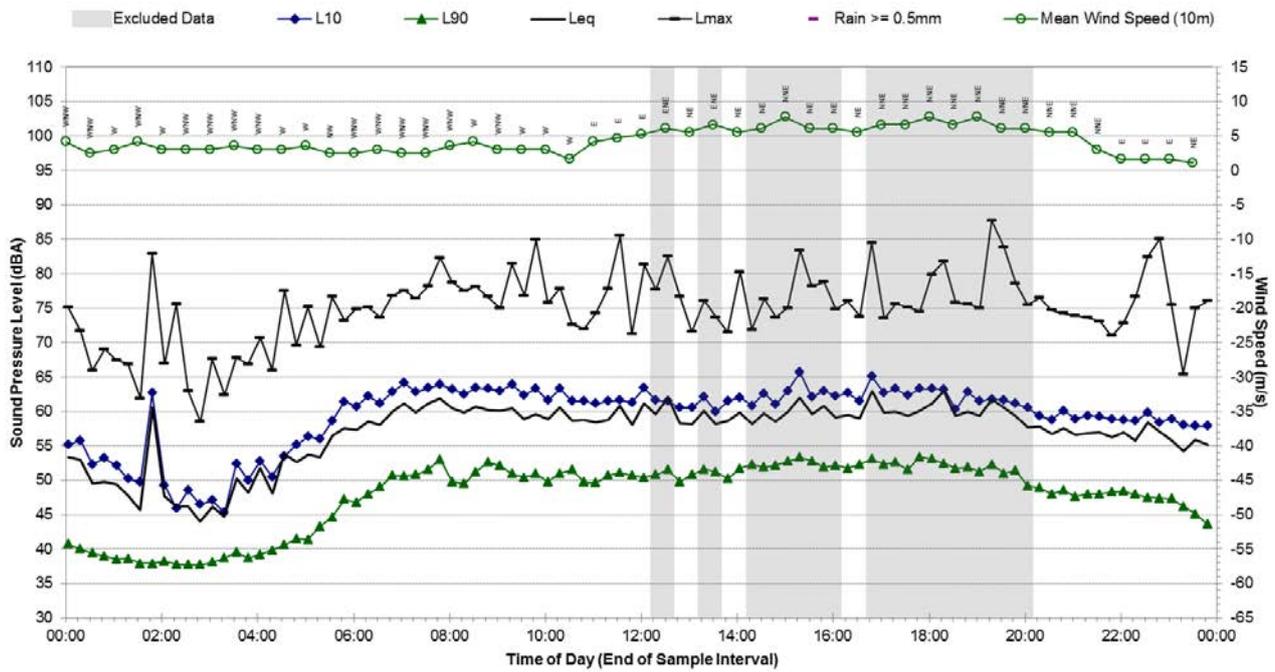


### Statistical Ambient Noise Levels B.24 - Thursday, 10 September 2015



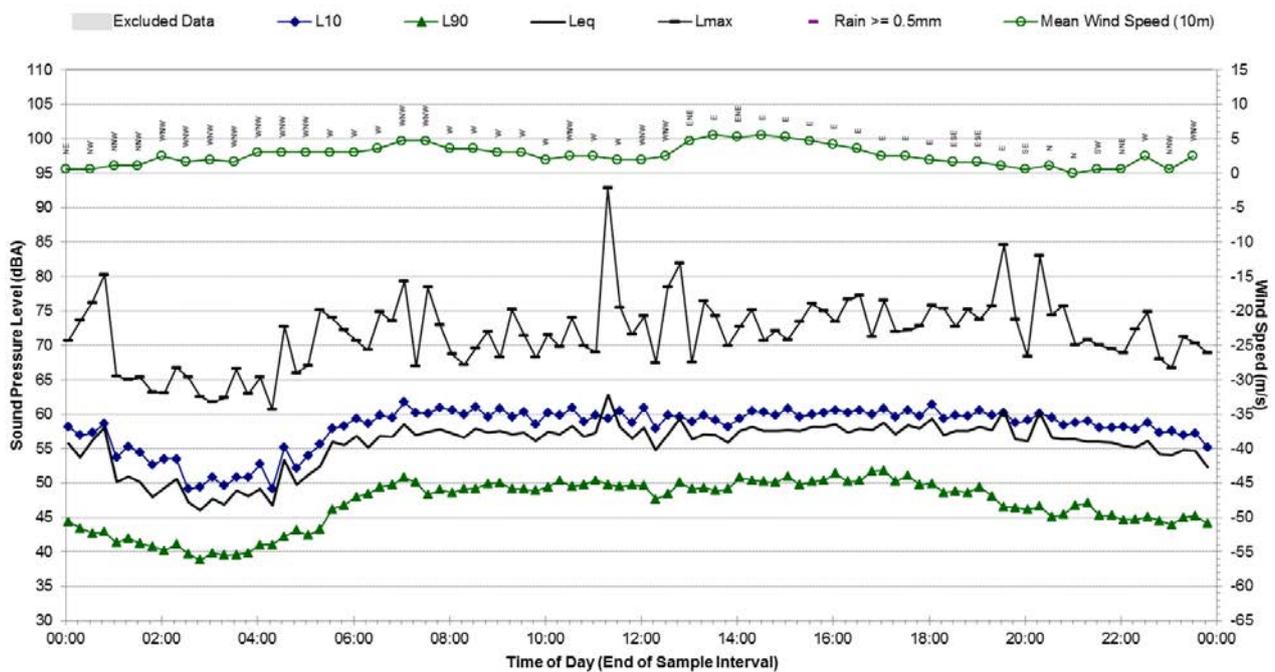
### Statistical Ambient Noise Levels

B.24 - Friday, 11 September 2015



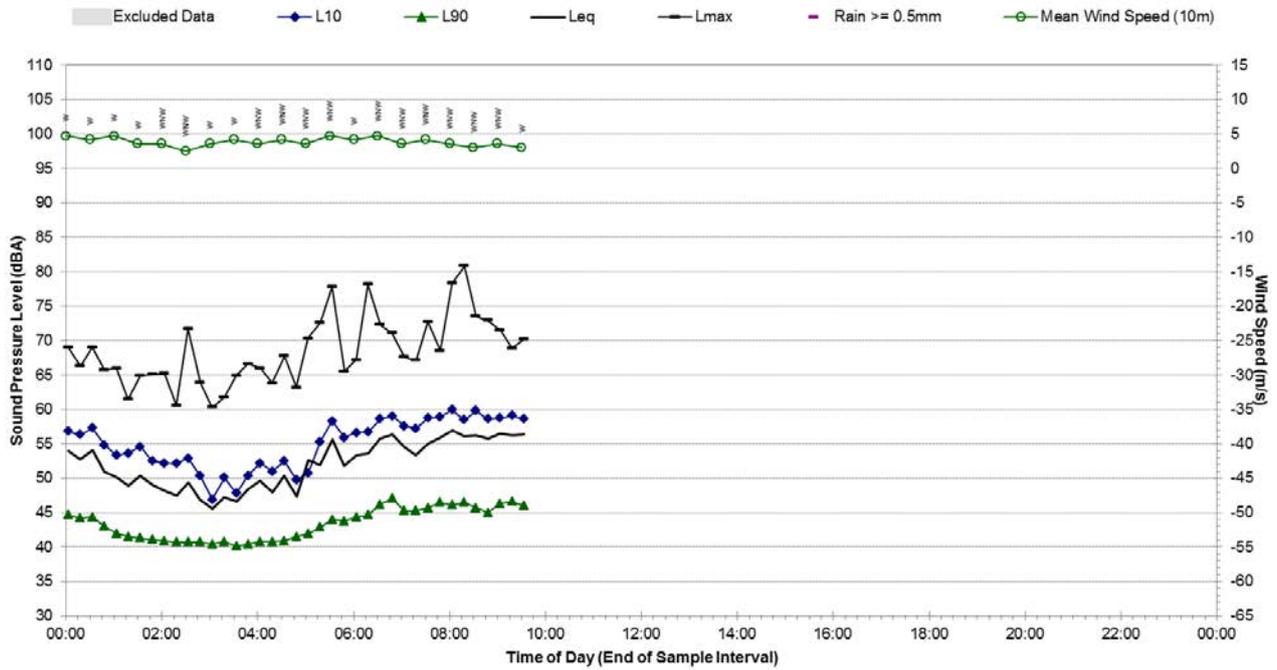
### Statistical Ambient Noise Levels

B.24 - Saturday, 12 September 2015



### Statistical Ambient Noise Levels

B.24 - Sunday, 13 September 2015



Background Noise Monitoring Results – B.25

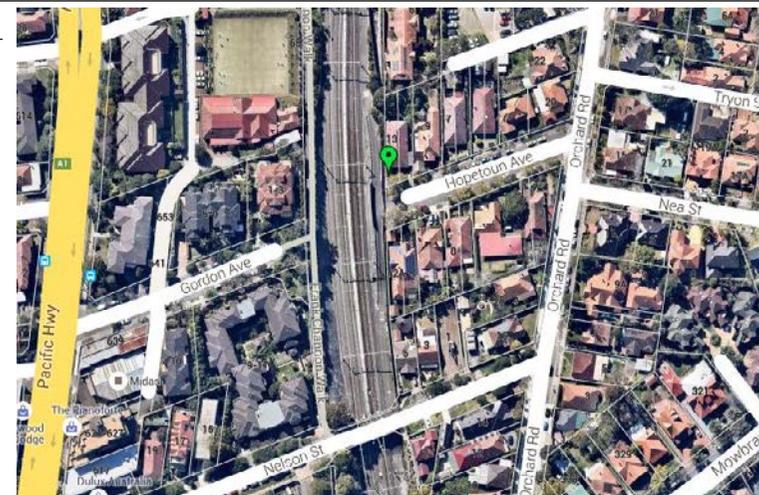
**Noise Monitoring Location:** B.25  
**Noise Monitoring Address:** 13 Hopetoun Avenue, Chatswood 2067

Logger Device Type: Svantek 957  
 Logger Serial No: 23815

Ambient noise logger deployed in the front garden of residential address 13 Hopetoun Avenue, Chatswood.

Attended noise measurements indicate the ambient noise environment at this location is affected by rail traffic noise from the North Shore Line. The shielding provided by the noise wall to the rail line and observed low speeds of the passing trains arriving and leaving Chatswood Station resulted in lower noise levels.

Map of Noise Monitoring Location



**Ambient Noise Logging Results – INP Defined Time Periods**

Monitoring Period	Noise Level (dBA)			
	RBL	LAeq	L10	L1
Daytime	41	54	54	66
Evening	40	53	52	65
Night-time	35	49	43	62

**Attended Noise Measurement Results**

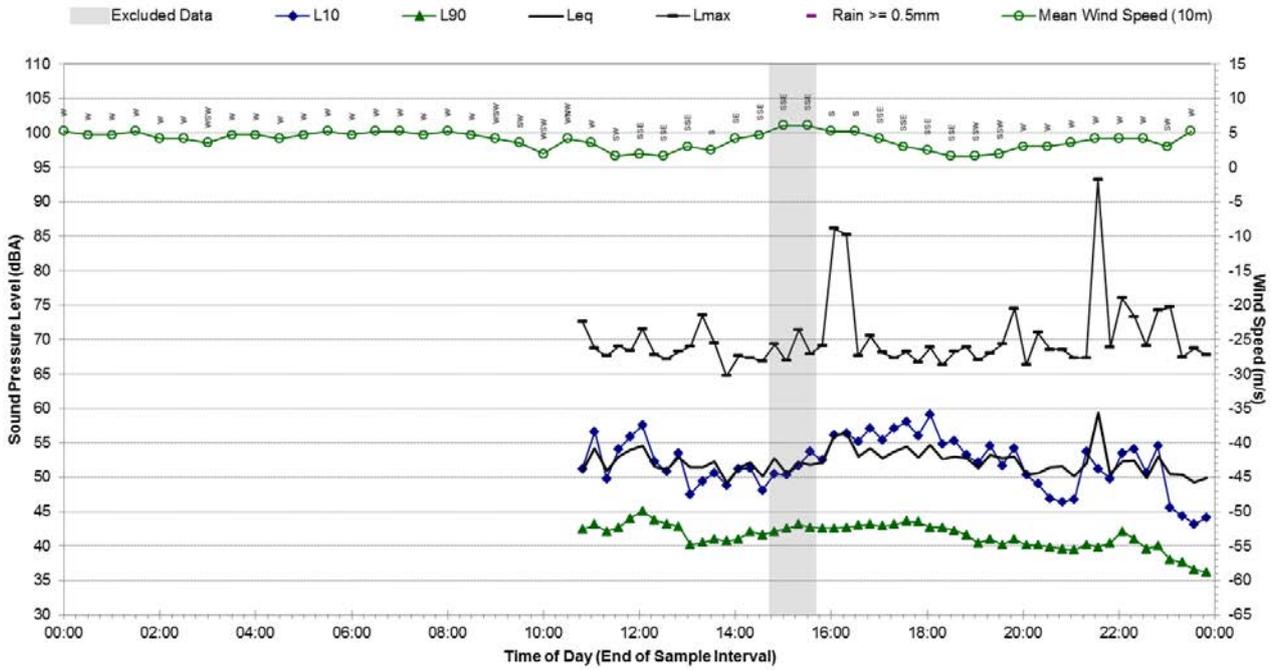
Date	Start Time	Measured Noise Level (dBA)		
		LA90	LAeq	LAmx
14/09/2015	13:34:19	45	51	67

Photo of Noise Monitoring Location



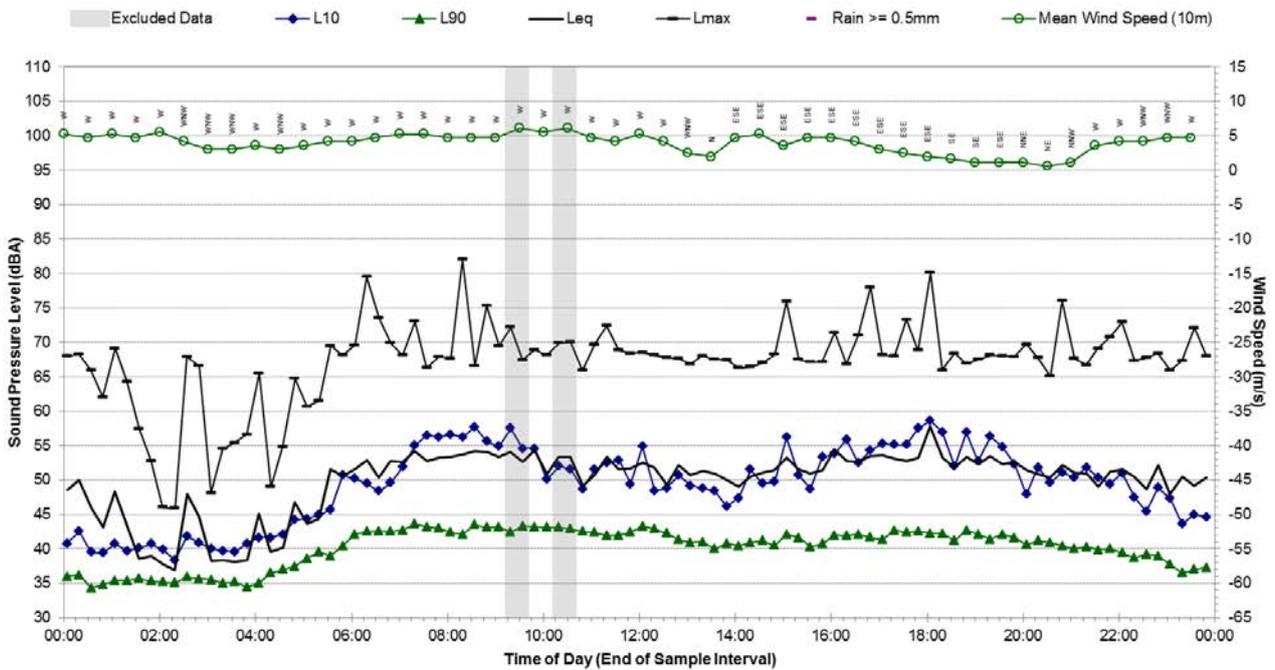
### Statistical Ambient Noise Levels

B.25 - Monday, 31 August 2015

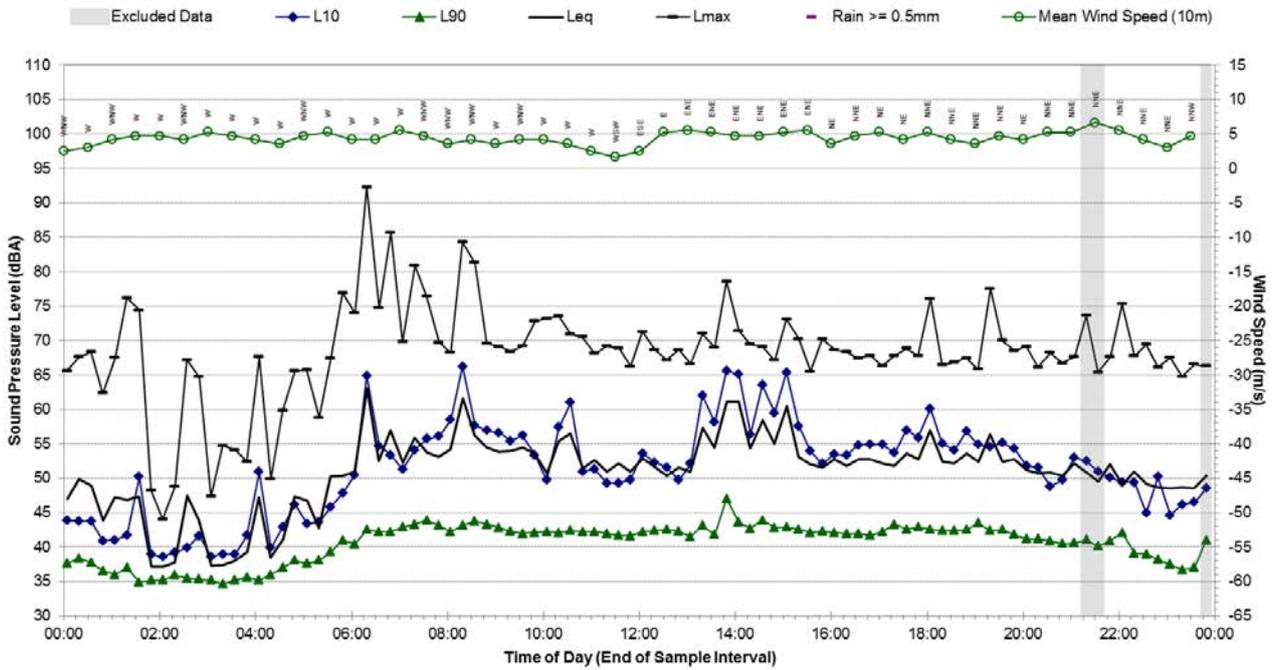


### Statistical Ambient Noise Levels

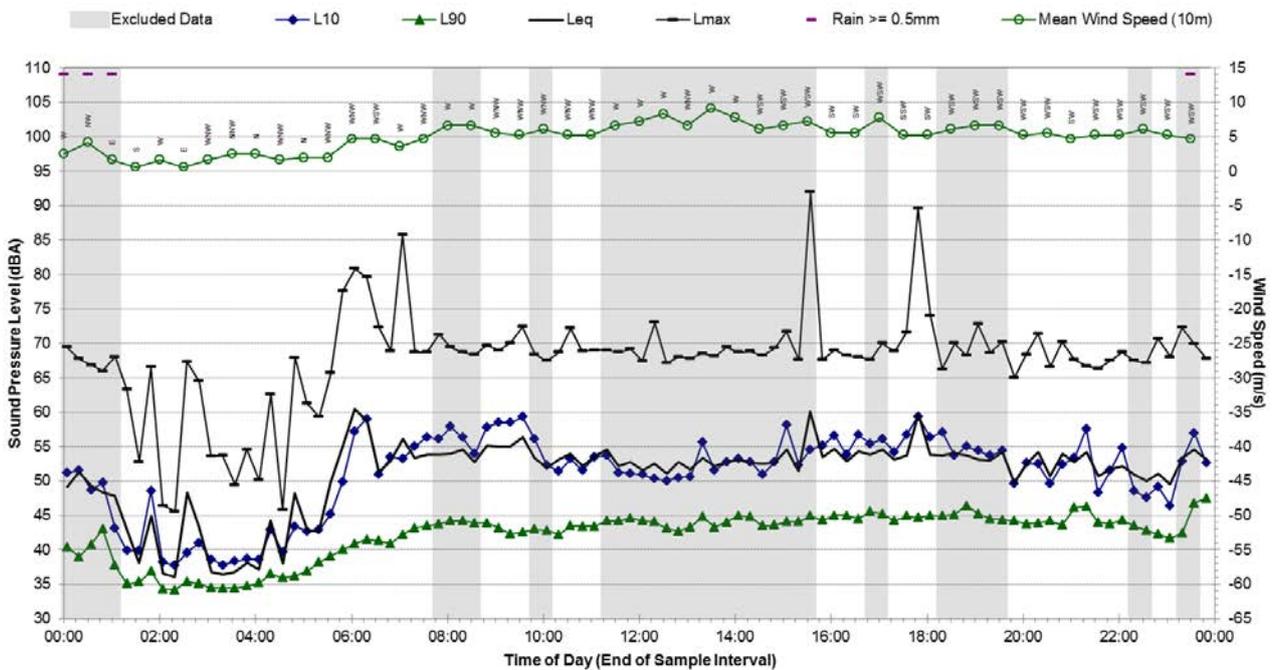
B.25 - Tuesday, 1 September 2015



### Statistical Ambient Noise Levels B.25 - Wednesday, 2 September 2015

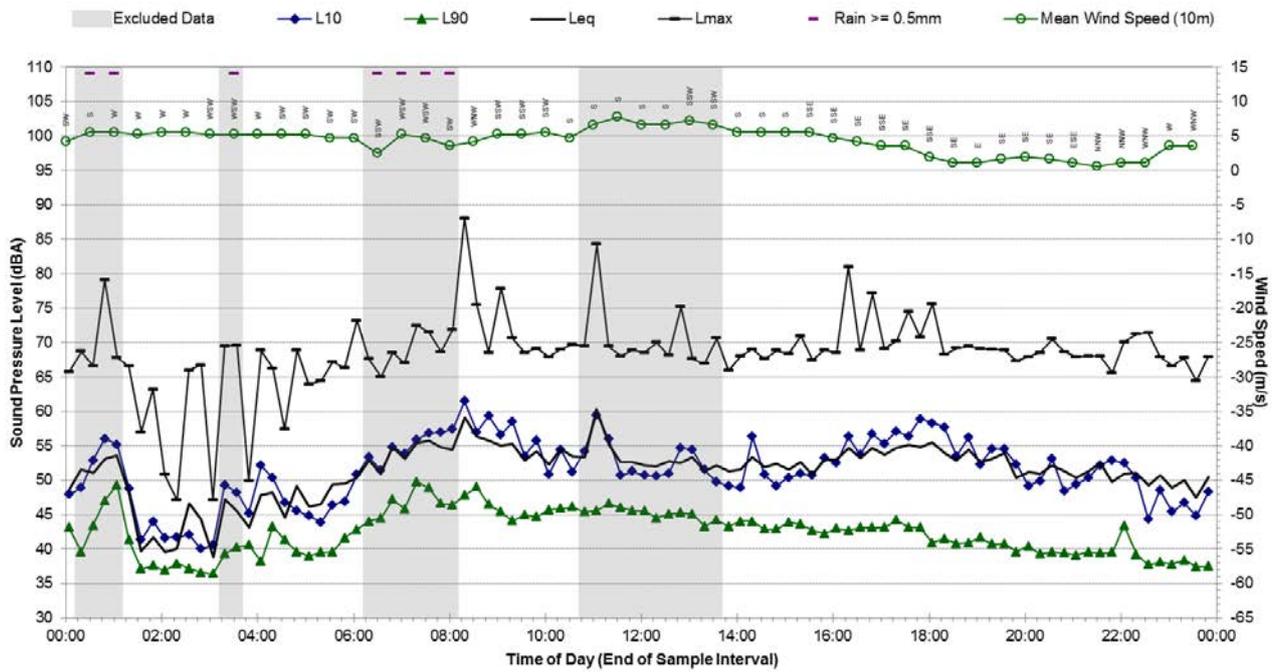


### Statistical Ambient Noise Levels B.25 - Thursday, 3 September 2015



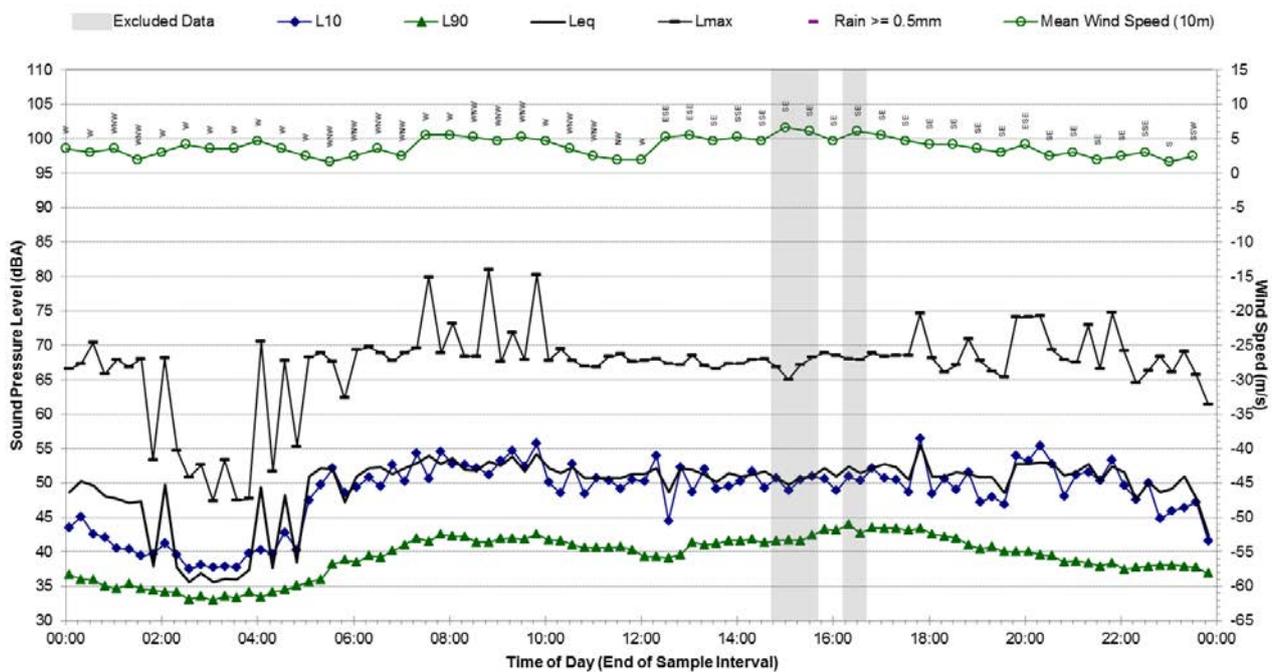
### Statistical Ambient Noise Levels

B.25 - Friday, 4 September 2015



### Statistical Ambient Noise Levels

B.25 - Saturday, 5 September 2015



### Statistical Ambient Noise Levels

B.25 - Sunday, 6 September 2015

