

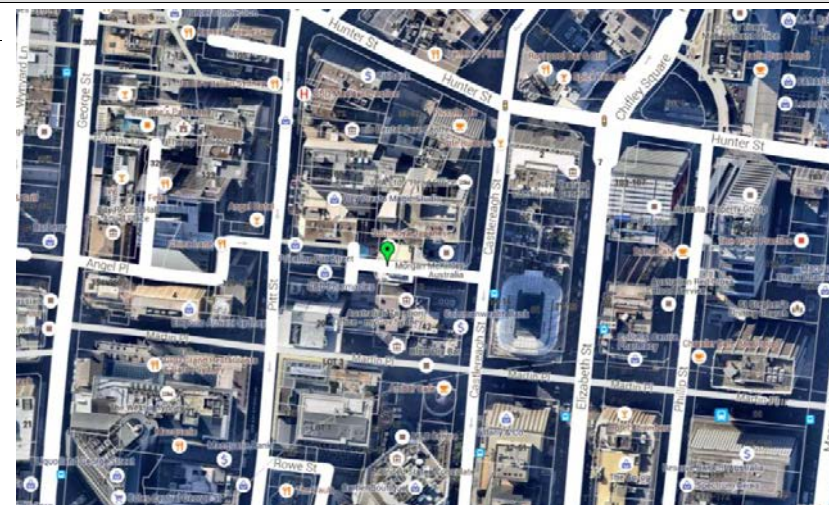
Noise Monitoring Location: B.11 **Map of Noise Monitoring Location**

Noise Monitoring Address: 1 Hoskings Place, Sydney 2000

Logger Device Type: Svantek 957
 Logger Serial No: 23245

Ambient noise logger deployed on the balcony of apartment 403 of Medina Serviced Apartments, Martin Place at 1 Hoskings Place, Sydney. Logger located four levels up with noise catchment over Hoskings Place.

Attended noise measurements indicate that the ambient noise environment at this location is significantly dominated by mechanical plant from neighbouring buildings, building maintenance work and road traffic noise from both Castlereagh Street and Hoskings Place. The LA90 (background) noise level was from surrounding mechanical plant and the observed “city hum” which is constant in the Sydney CBD.



Ambient Noise Logging Results – INP Defined Time Periods

Monitoring Period	Noise Level (dBA)			
	RBL	LAeq	L10	L1
Daytime	61	66	66	71
Evening	56	62	63	68
Night-time	52	63	59	66

Photo of Noise Monitoring Location

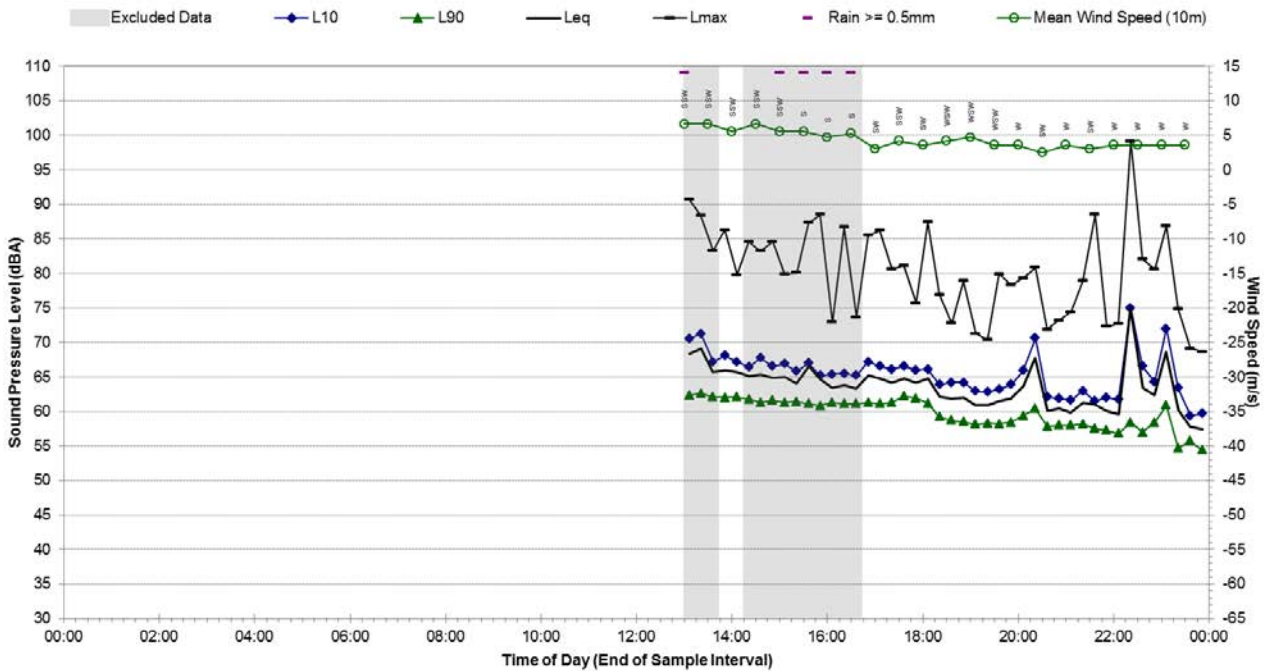


Attended Noise Measurement Results

Date	Start Time	Measured Noise Level (dBA)		
		LA90	LAeq	LAmx
19/06/2015	12:44:34	62	68	85

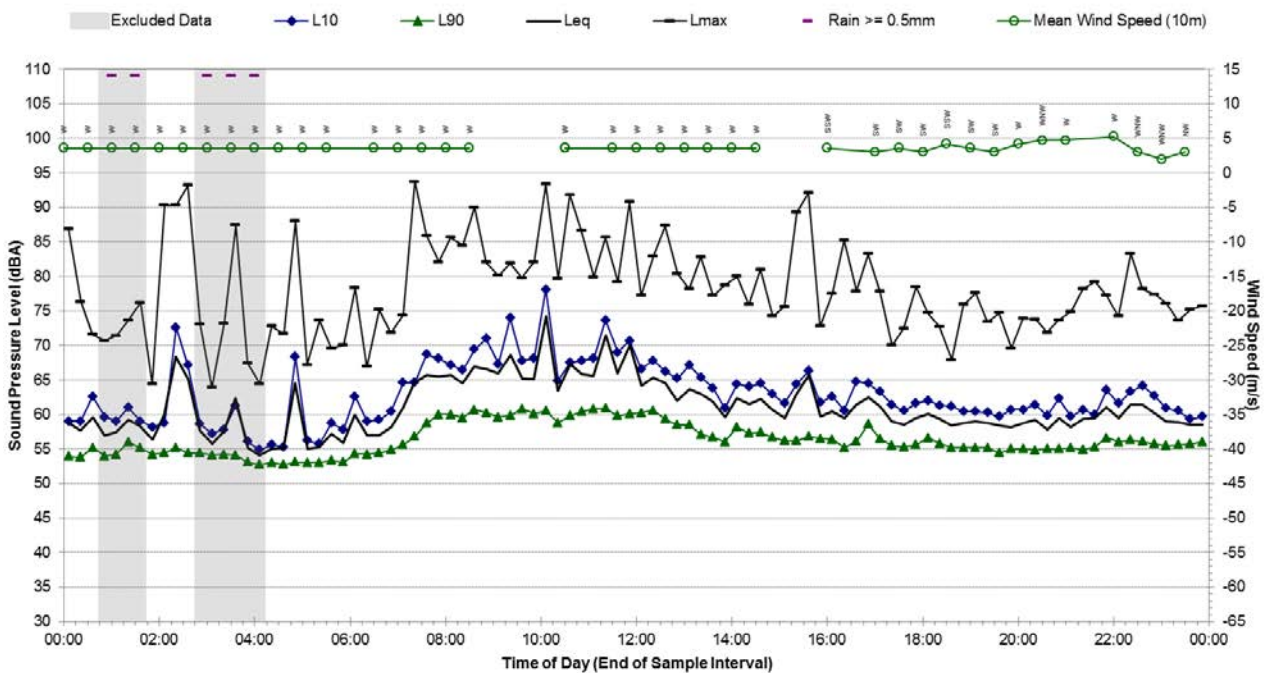
Statistical Ambient Noise Levels

B.11 - Friday, 19 June 2015

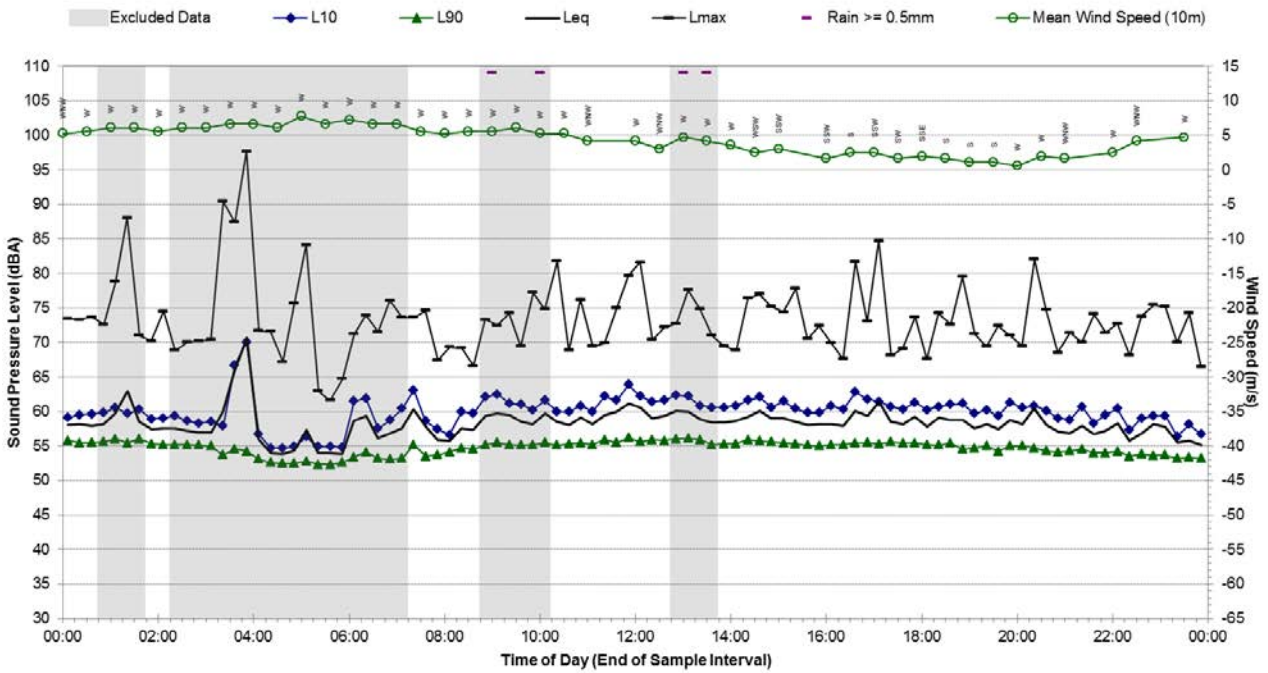


Statistical Ambient Noise Levels

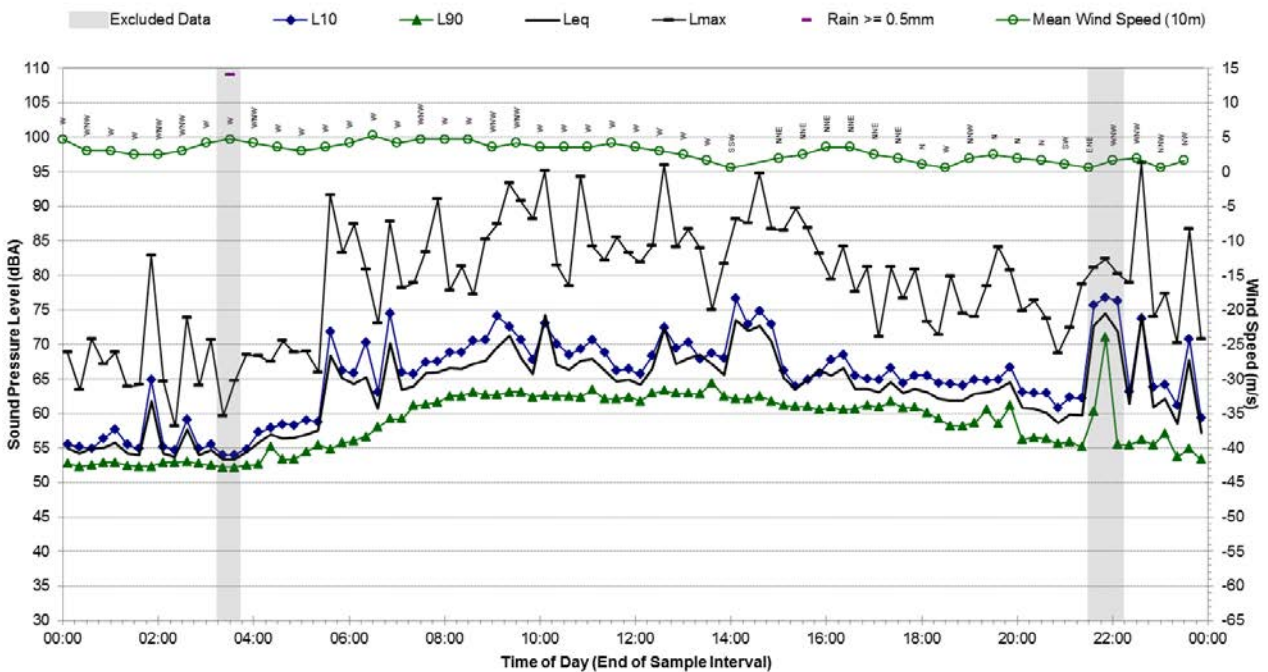
B.11 - Saturday, 20 June 2015



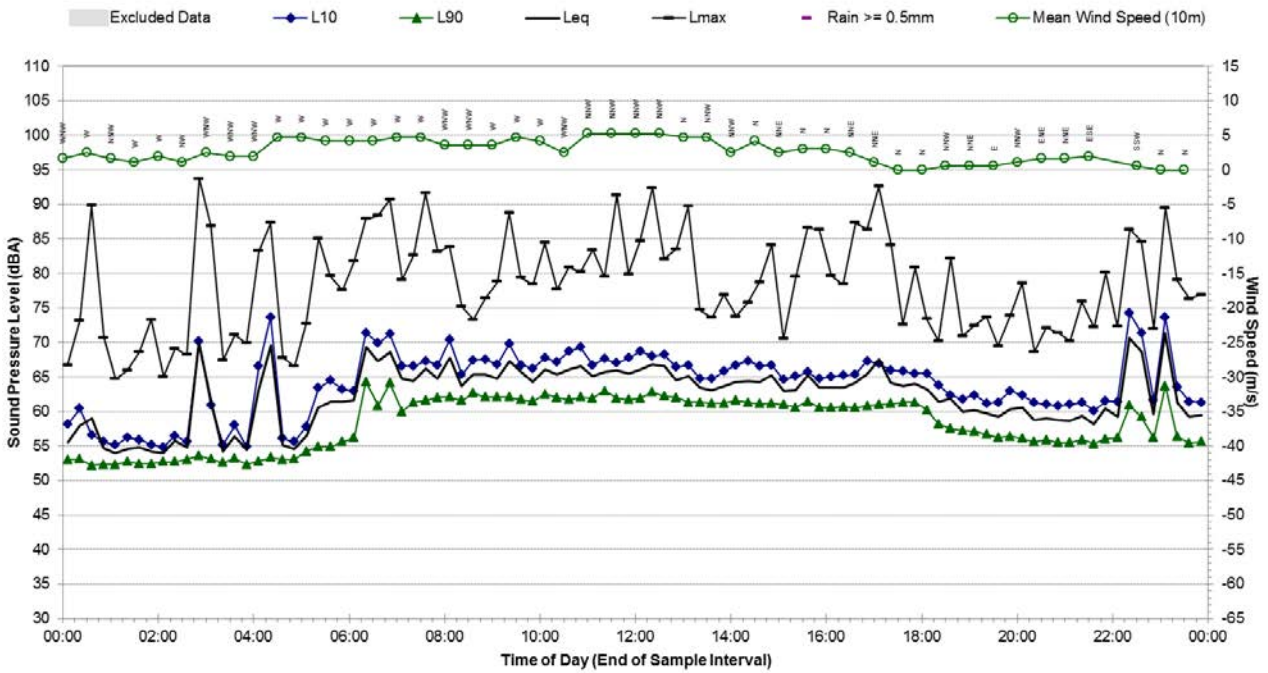
Statistical Ambient Noise Levels B.11 - Sunday, 21 June 2015



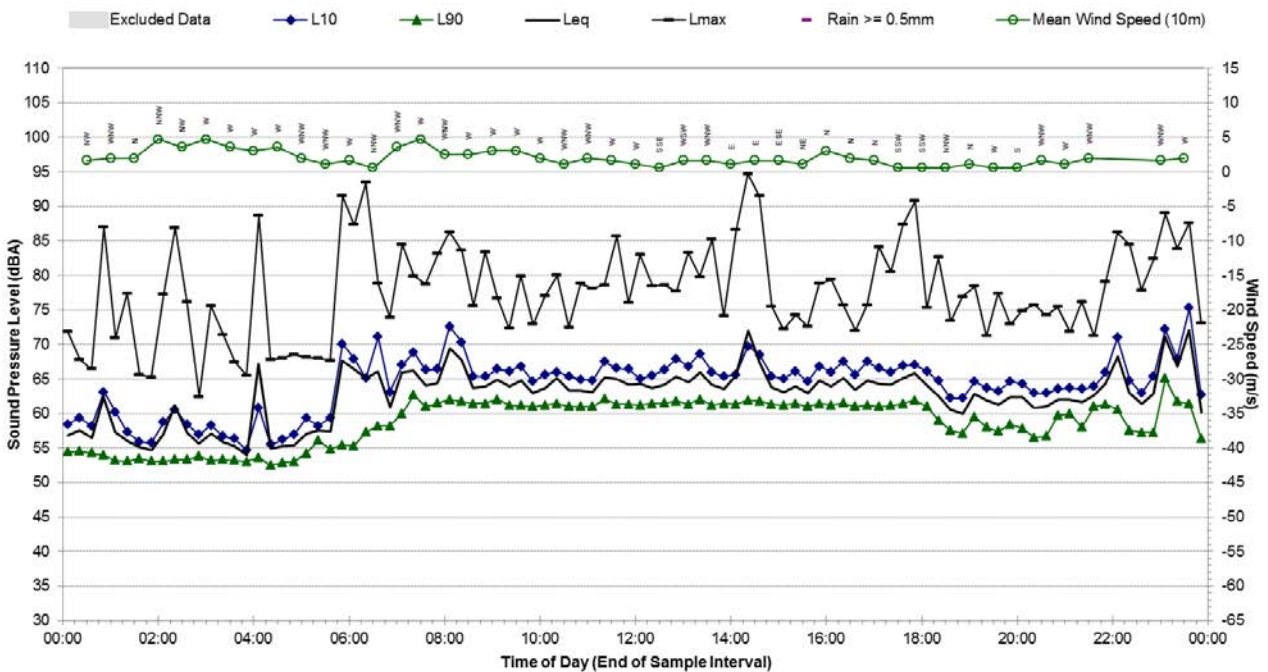
Statistical Ambient Noise Levels B.11 - Monday, 22 June 2015



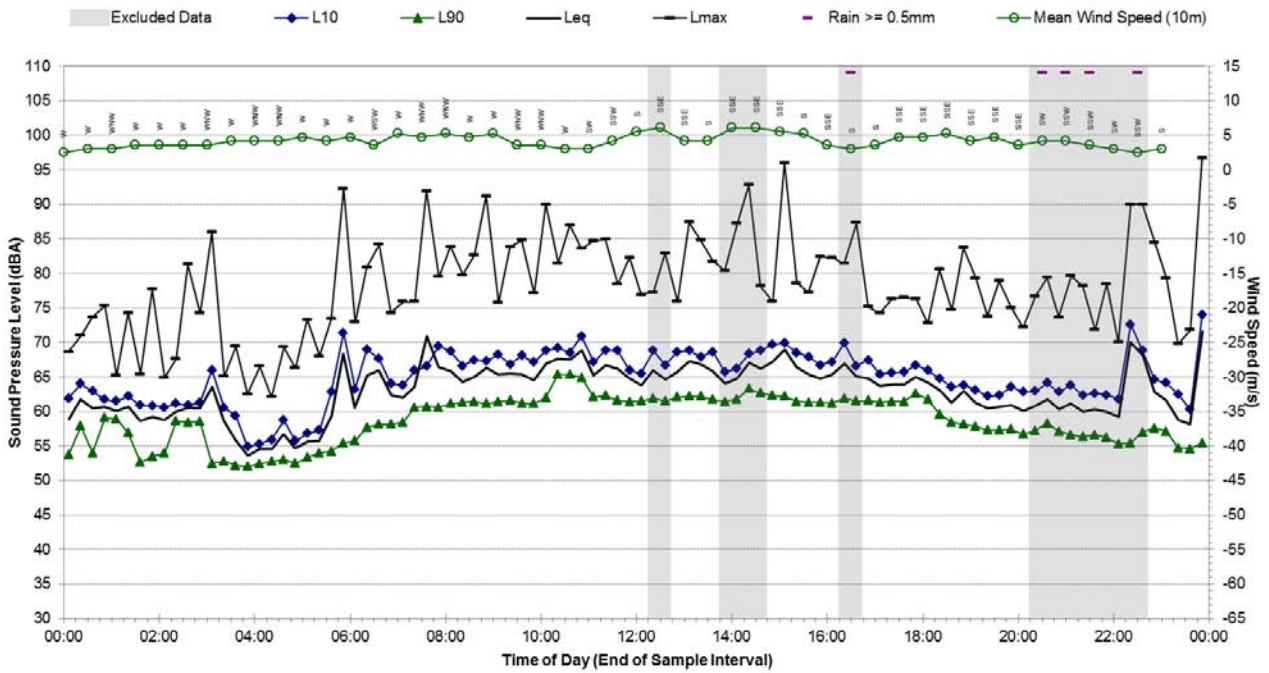
Statistical Ambient Noise Levels B.11 - Tuesday, 23 June 2015



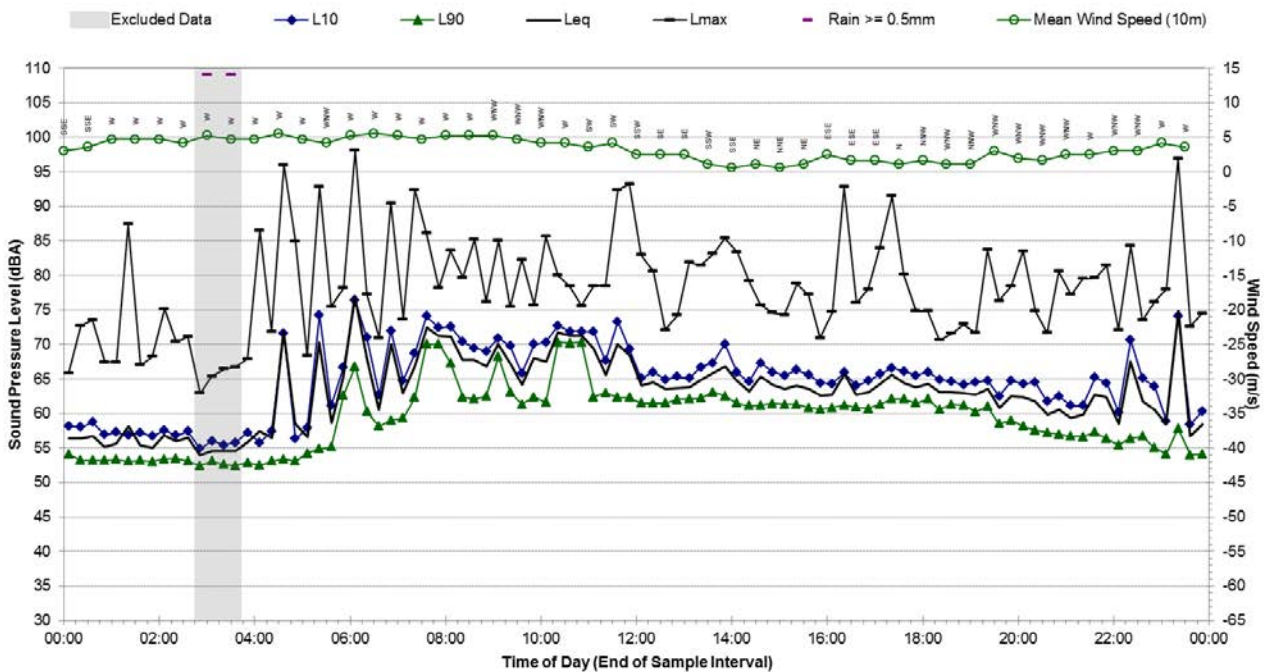
Statistical Ambient Noise Levels B.11 - Wednesday, 24 June 2015



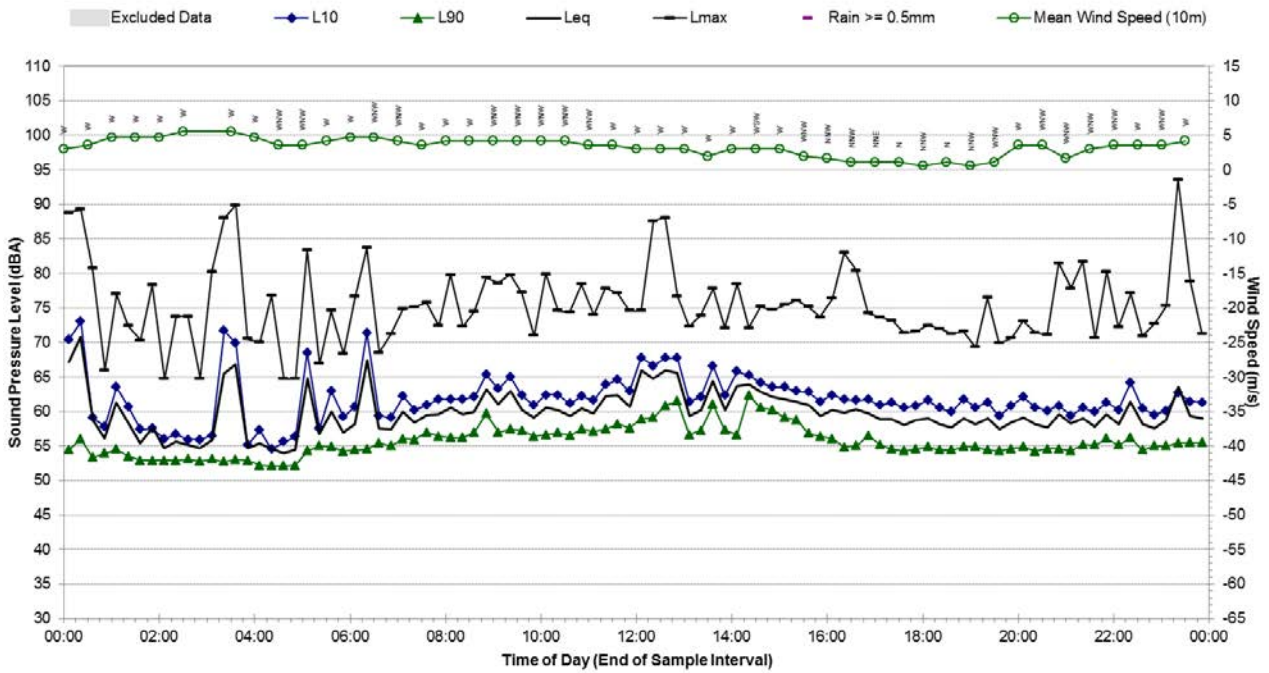
Statistical Ambient Noise Levels B.11 - Thursday, 25 June 2015



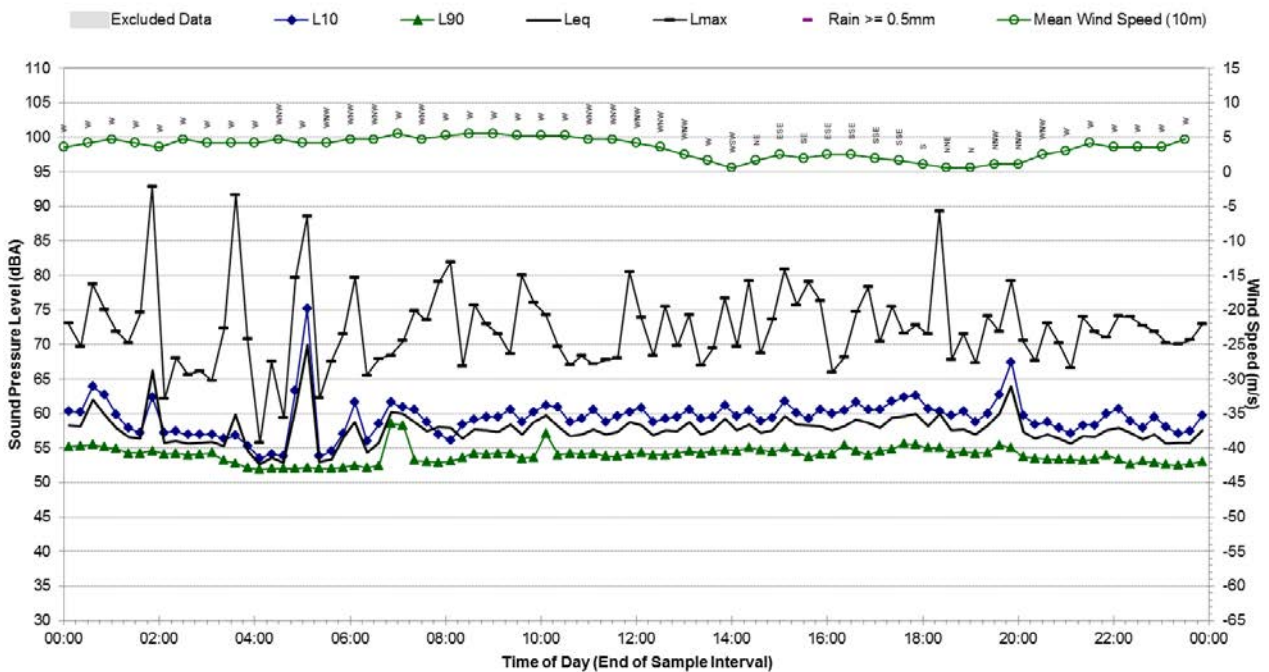
Statistical Ambient Noise Levels B.11 - Friday, 26 June 2015



Statistical Ambient Noise Levels B.11 - Saturday, 27 June 2015

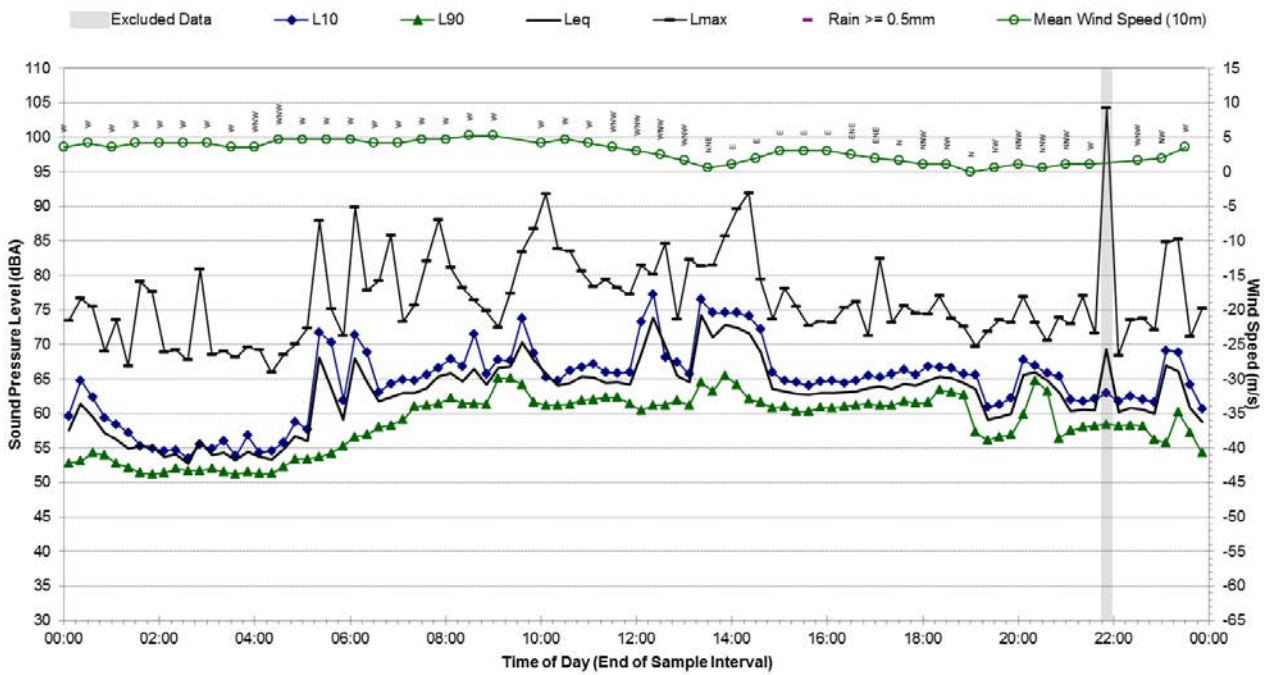


Statistical Ambient Noise Levels B.11 - Sunday, 28 June 2015



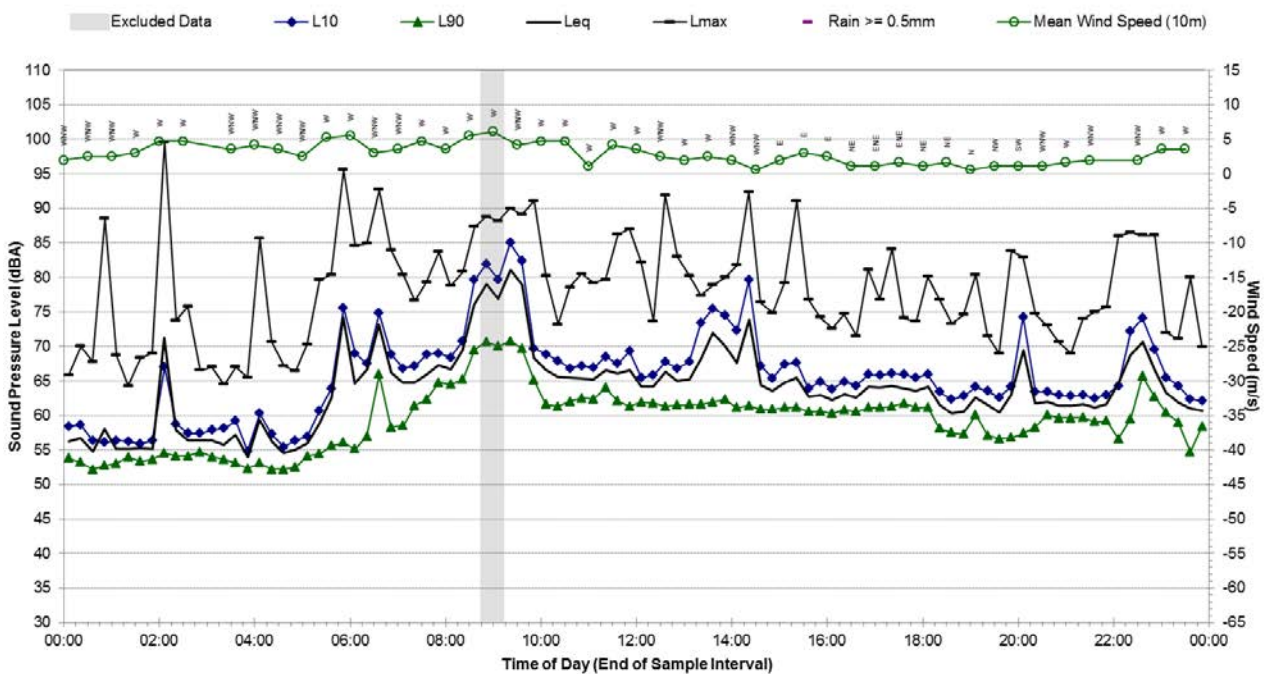
Statistical Ambient Noise Levels

B.11 - Monday, 29 June 2015



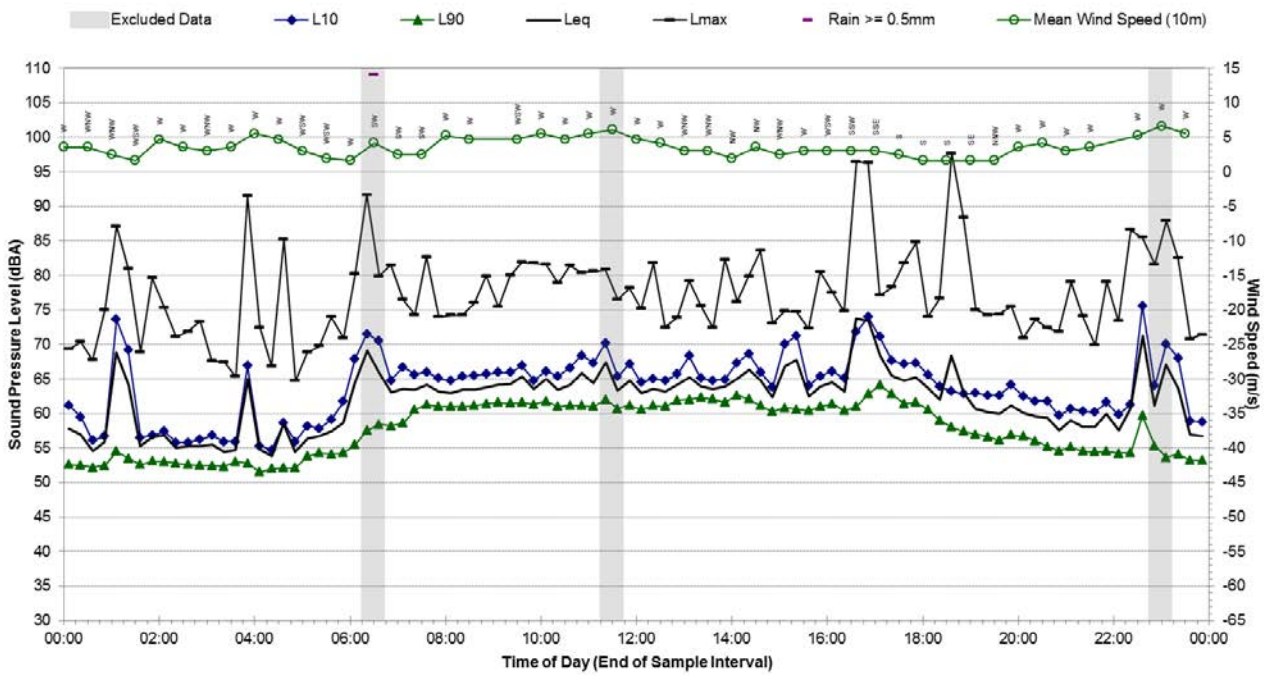
Statistical Ambient Noise Levels

B.11 - Tuesday, 30 June 2015



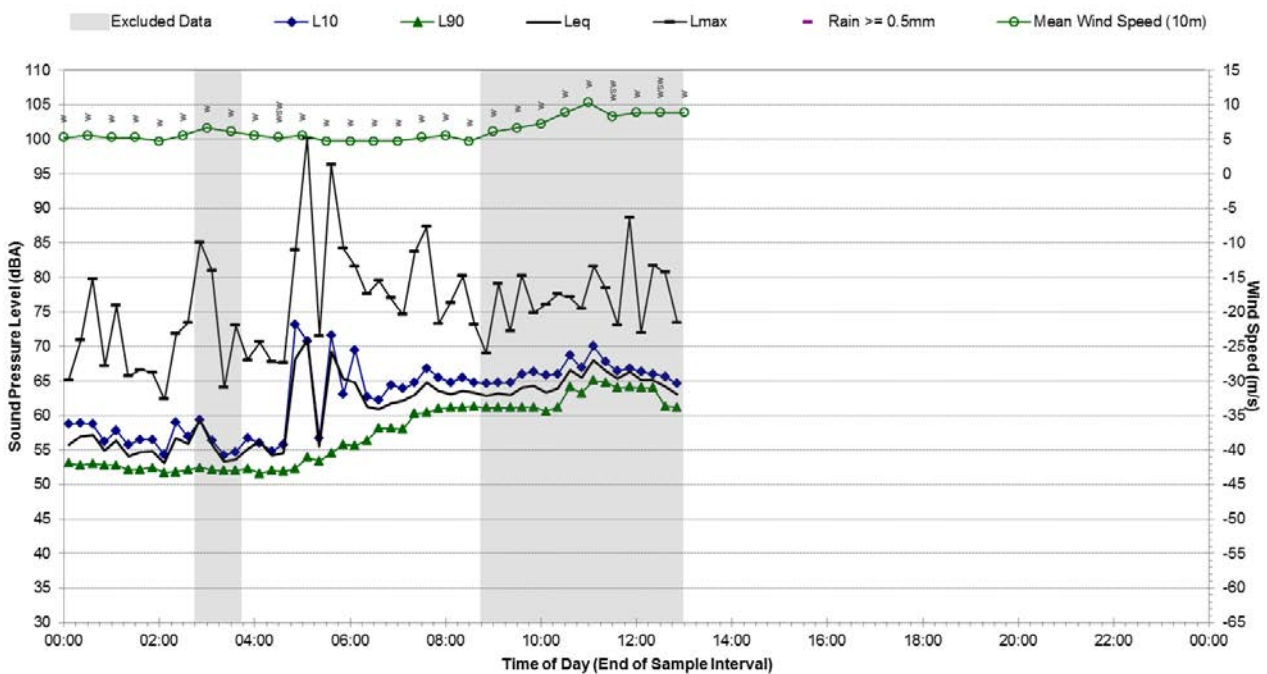
Statistical Ambient Noise Levels

B.11 - Wednesday, 1 July 2015



Statistical Ambient Noise Levels

B.11 - Thursday, 2 July 2015



Noise Monitoring Location: B.12 **Map of Noise Monitoring Location**

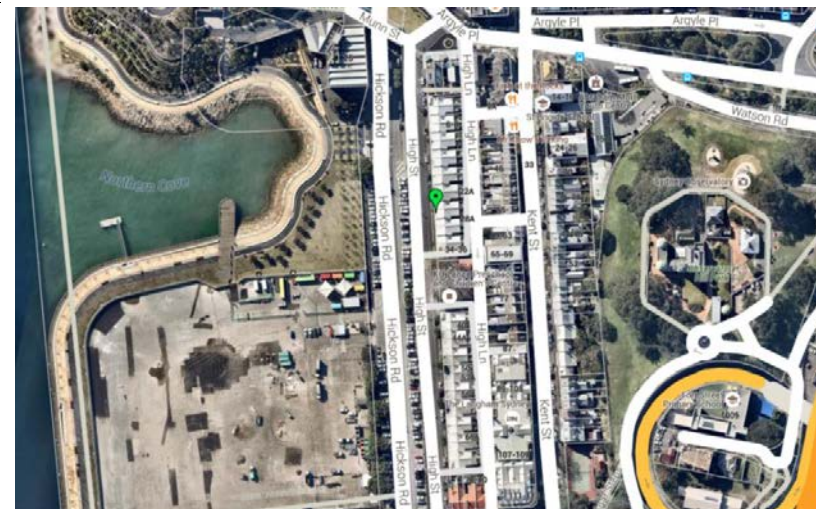
Noise Monitoring Address: 26A High Street, Millers Point 2000 (Barangaroo)

Logger Device Type: Svantek 957

Logger Serial No: 27578

Ambient noise logger deployed on the balcony of residential address 26A High Street, Millers Point. Logger located two levels up with noise catchment over High Street and Hickson Road below.

Attended noise measurements indicate that the ambient noise environment at this location is dominated by road traffic noise and general equipment and plant noise from the Barangaroo construction site during the daytime. The LA90 background results are attributed to an observed “city hum” which is constant in the Sydney CBD.



Ambient Noise Logging Results – INP Defined Time Periods

Monitoring Period	Noise Level (dBA)			
	RBL	LAeq	L10	L1
Daytime	50	61	59	68
Evening	45	64	54	62
Night-time	40	51	51	56

Photo of Noise Monitoring Location

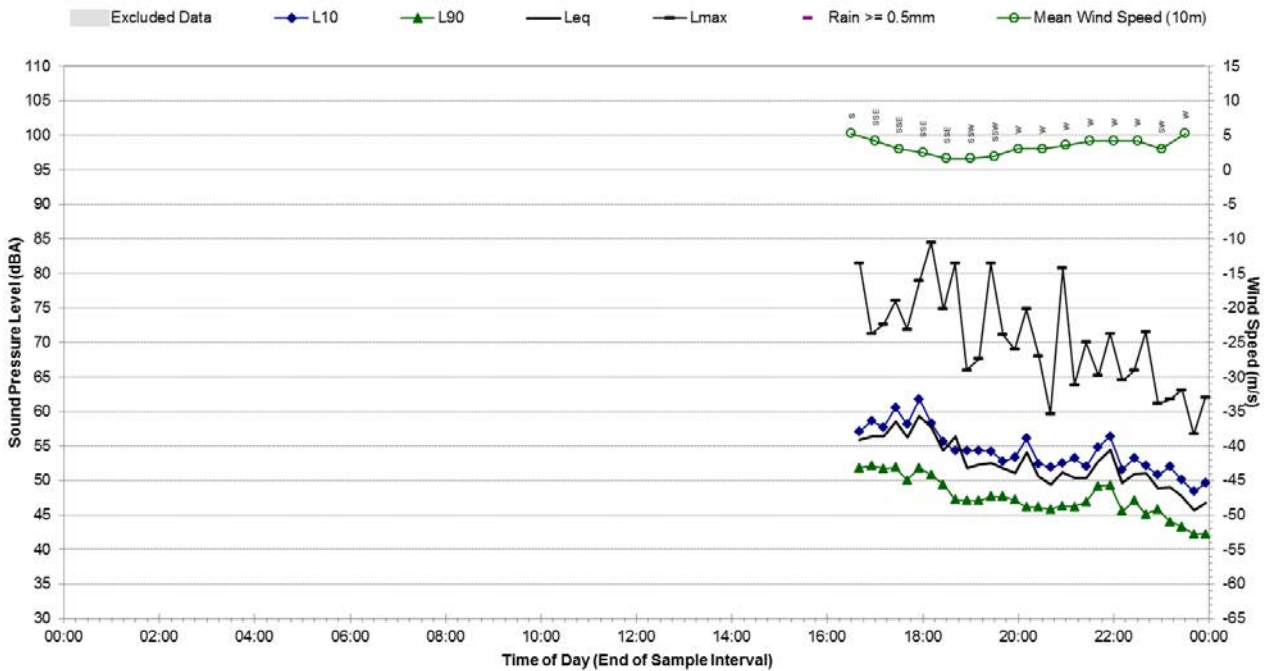


Attended Noise Measurement Results

Date	Start Time	Measured Noise Level (dBA)		
		LA90	LAeq	LAmx
31/08/2015	16:13:29	53	56	66

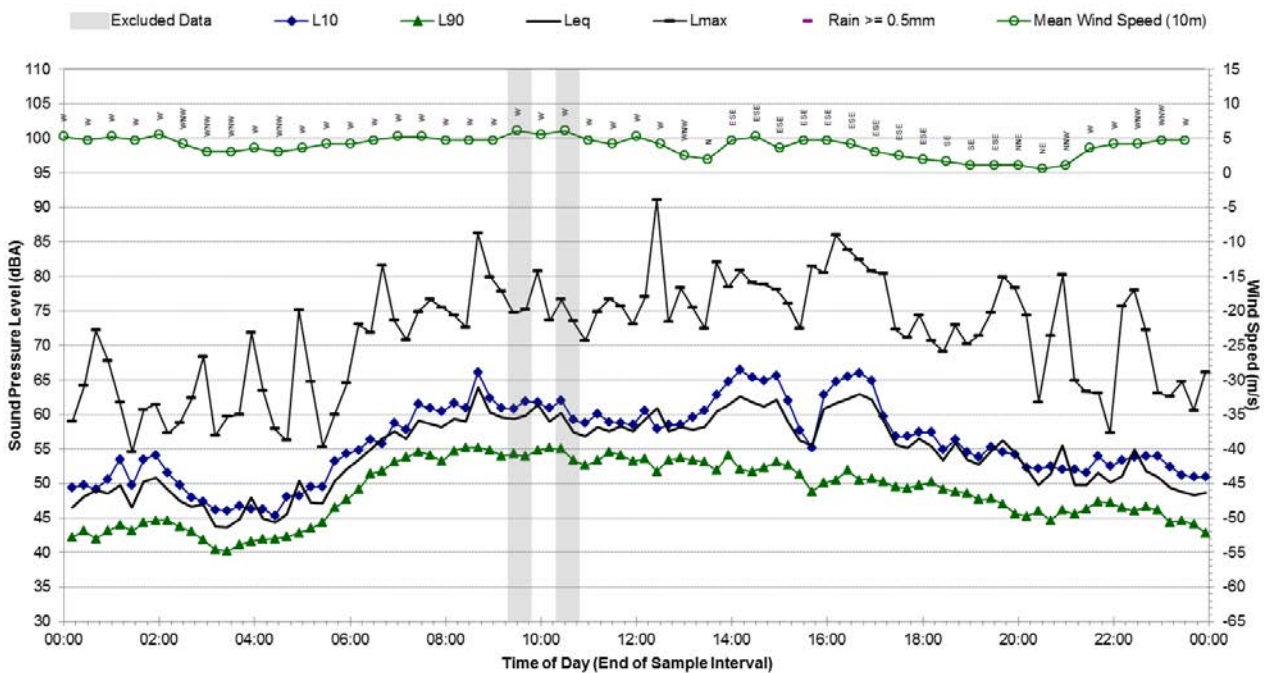
Statistical Ambient Noise Levels

B.12 - Monday, 31 August 2015

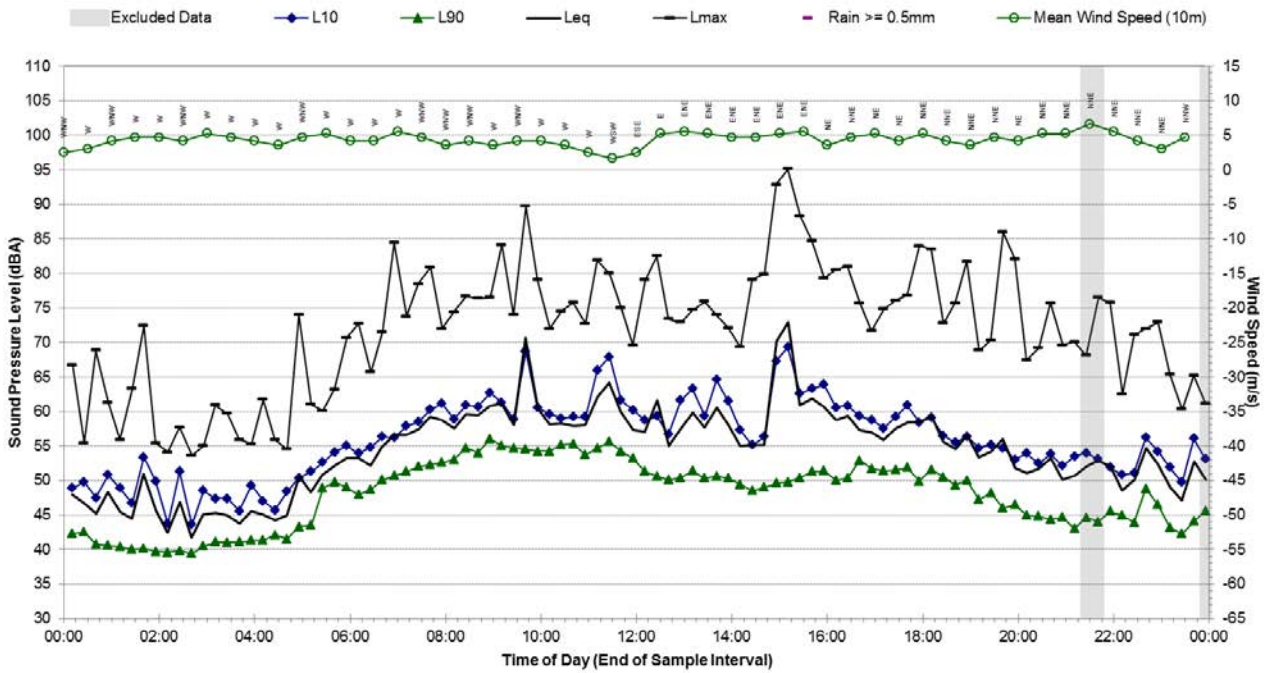


Statistical Ambient Noise Levels

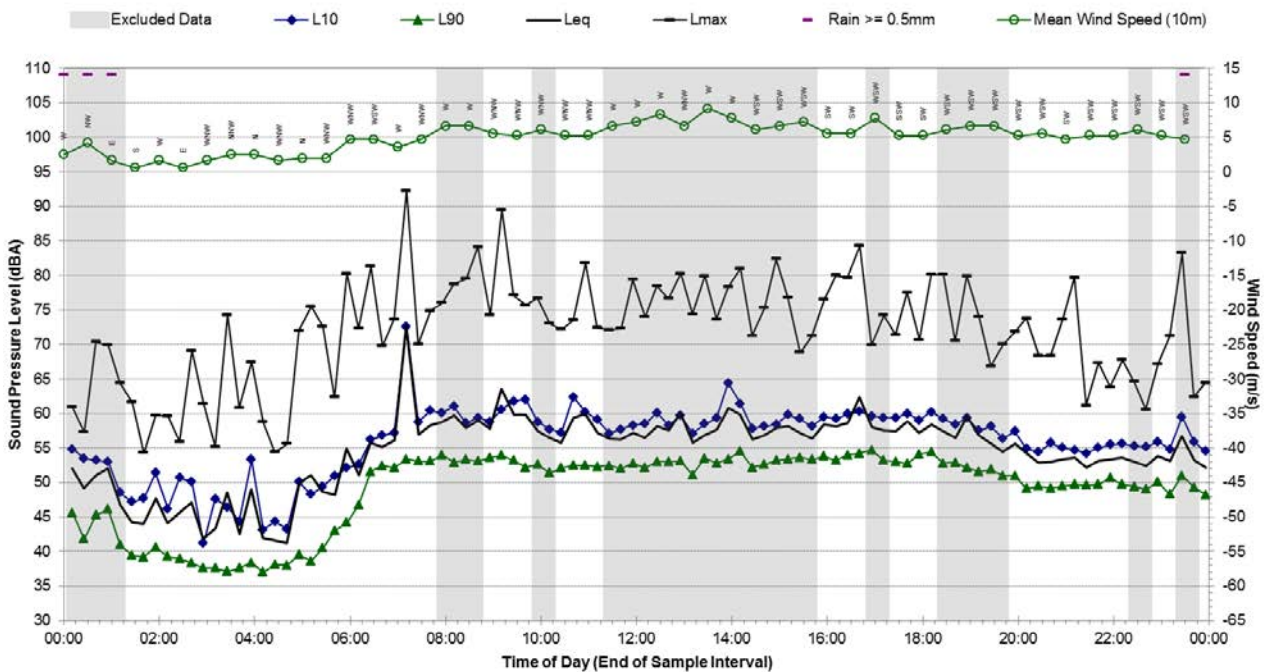
B.12 - Tuesday, 1 September 2015



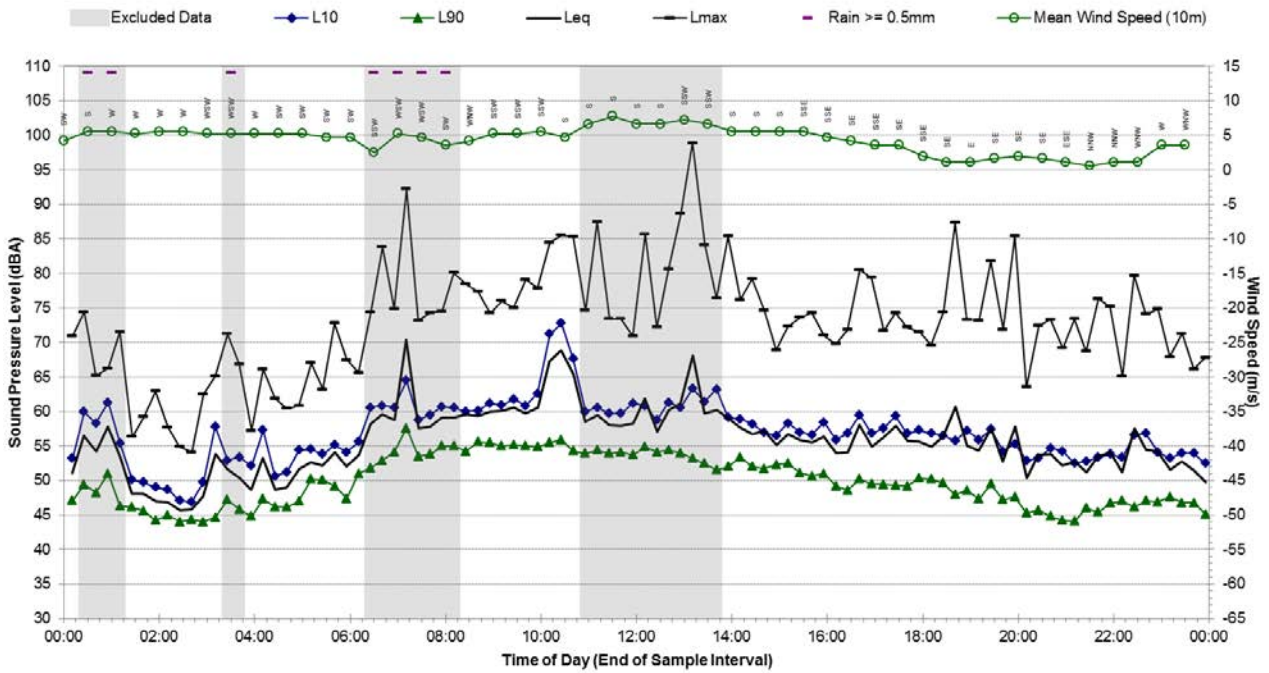
Statistical Ambient Noise Levels B.12 - Wednesday, 2 September 2015



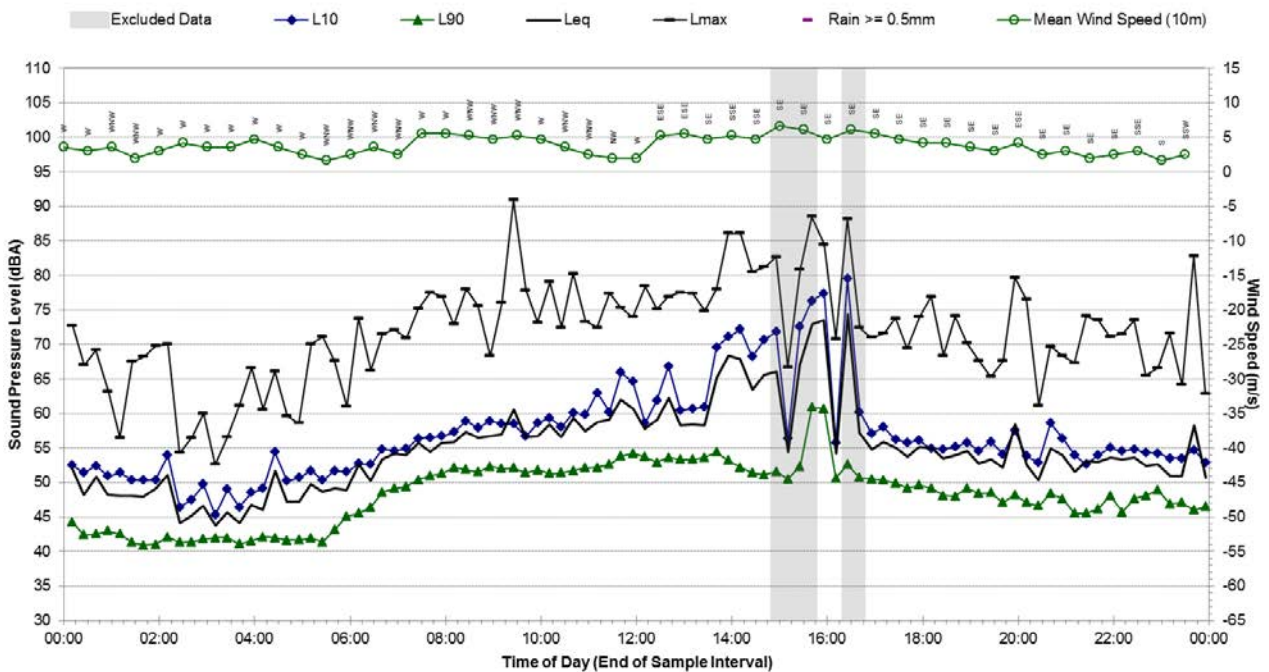
Statistical Ambient Noise Levels B.12 - Thursday, 3 September 2015



Statistical Ambient Noise Levels
B.12 - Friday, 4 September 2015

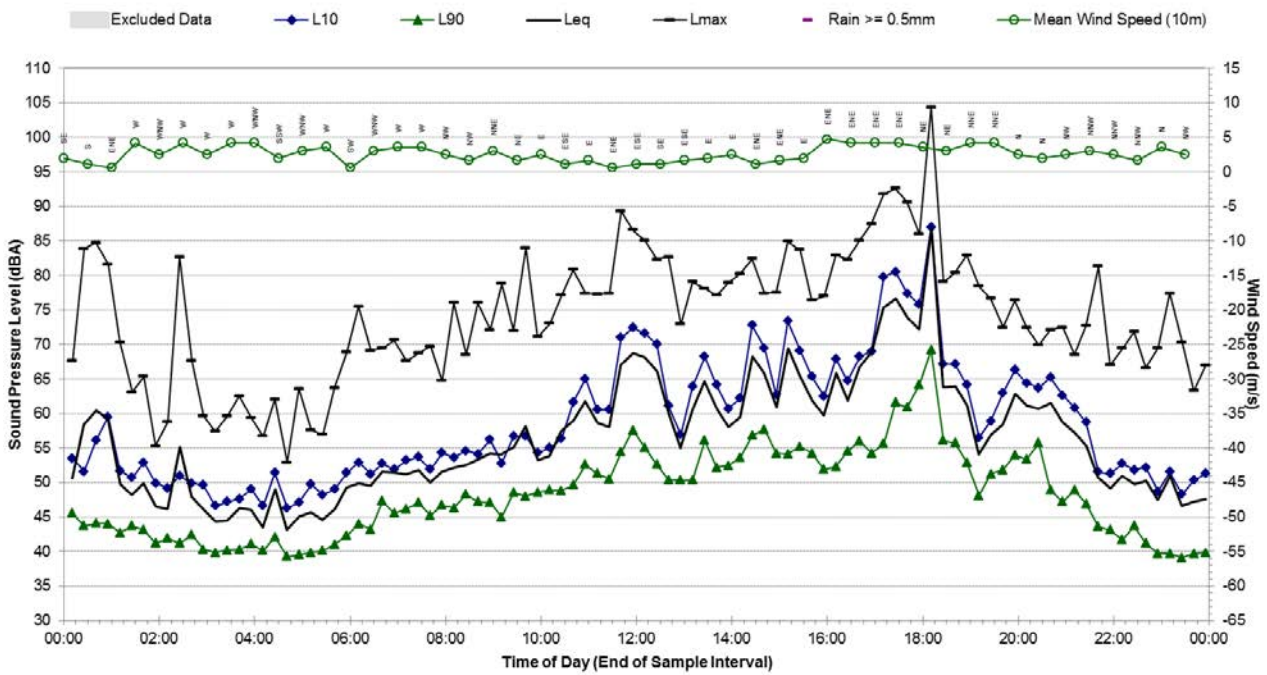


Statistical Ambient Noise Levels
B.12 - Saturday, 5 September 2015



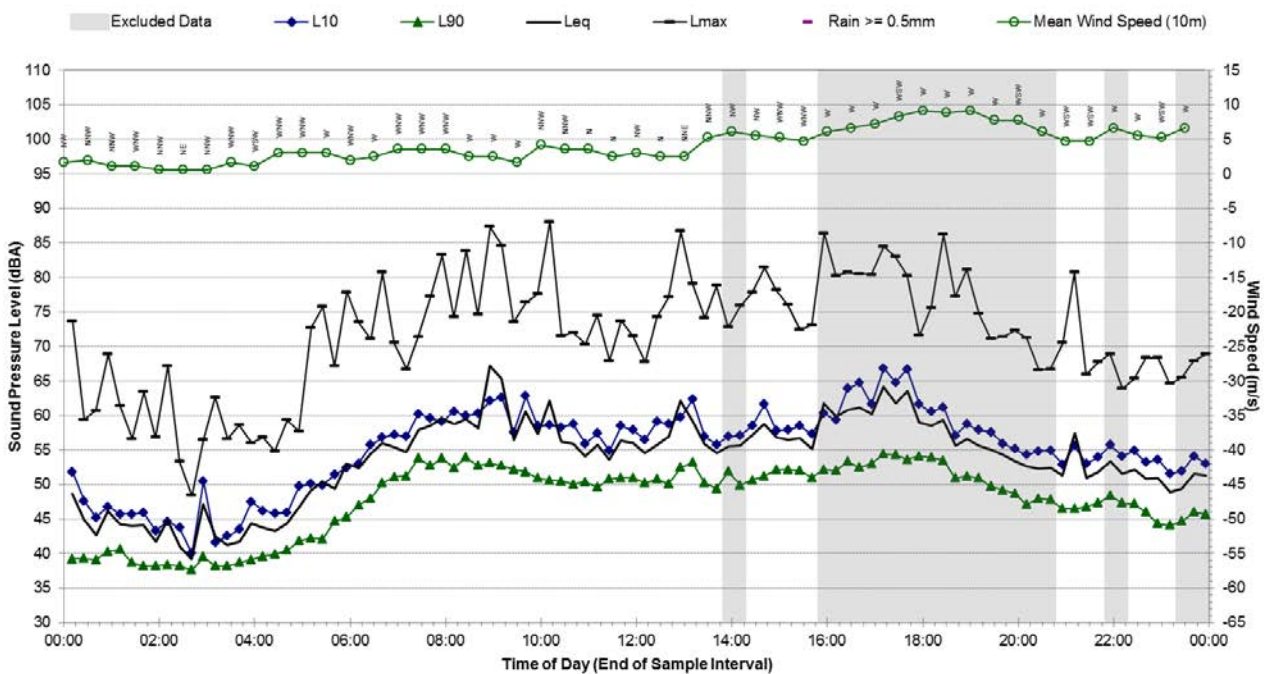
Statistical Ambient Noise Levels

B.12 - Sunday, 6 September 2015

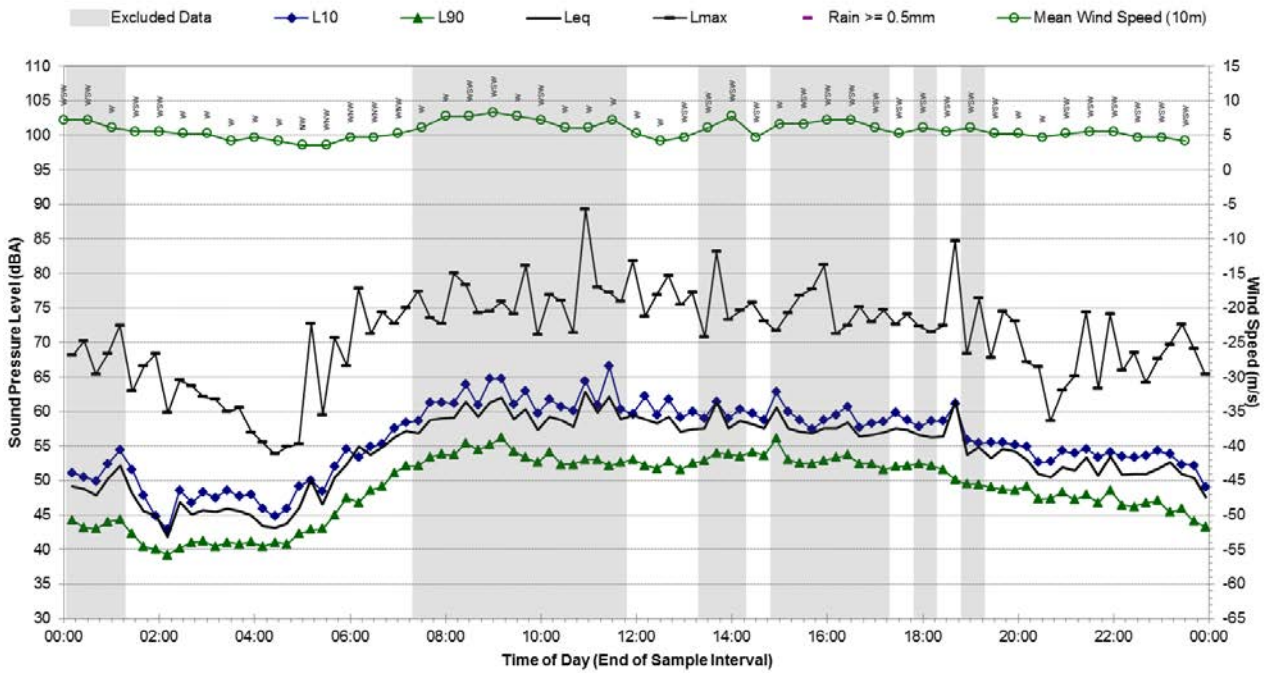


Statistical Ambient Noise Levels

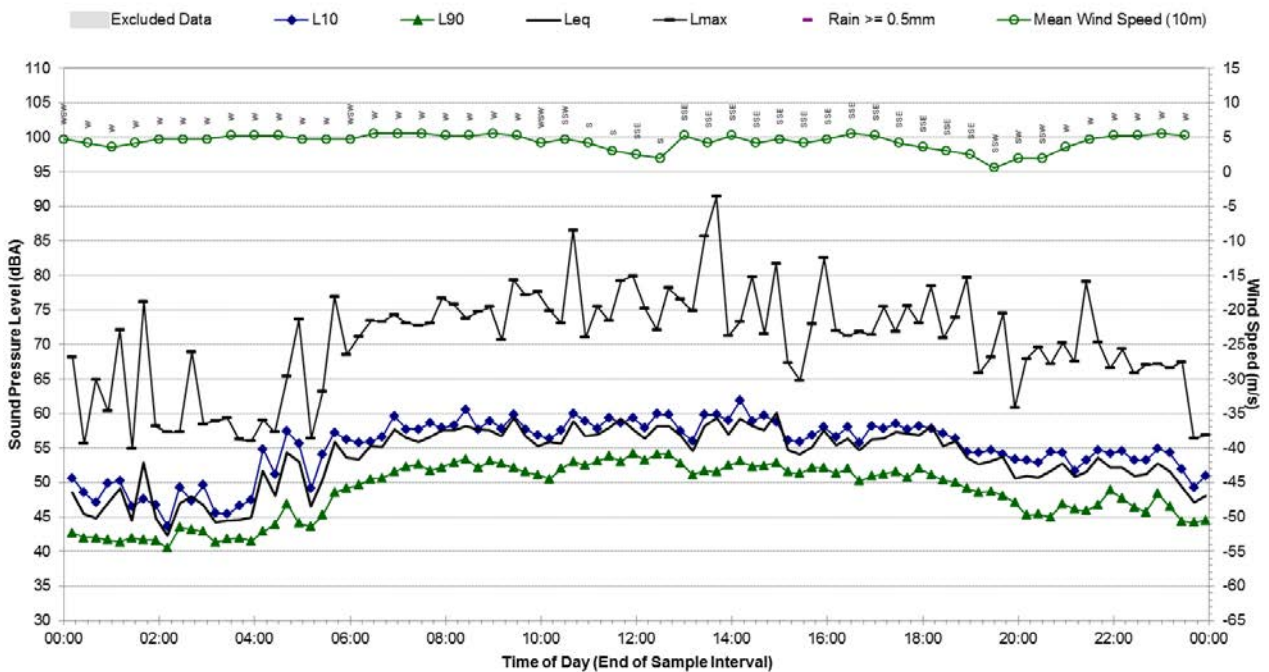
B.12 - Monday, 7 September 2015



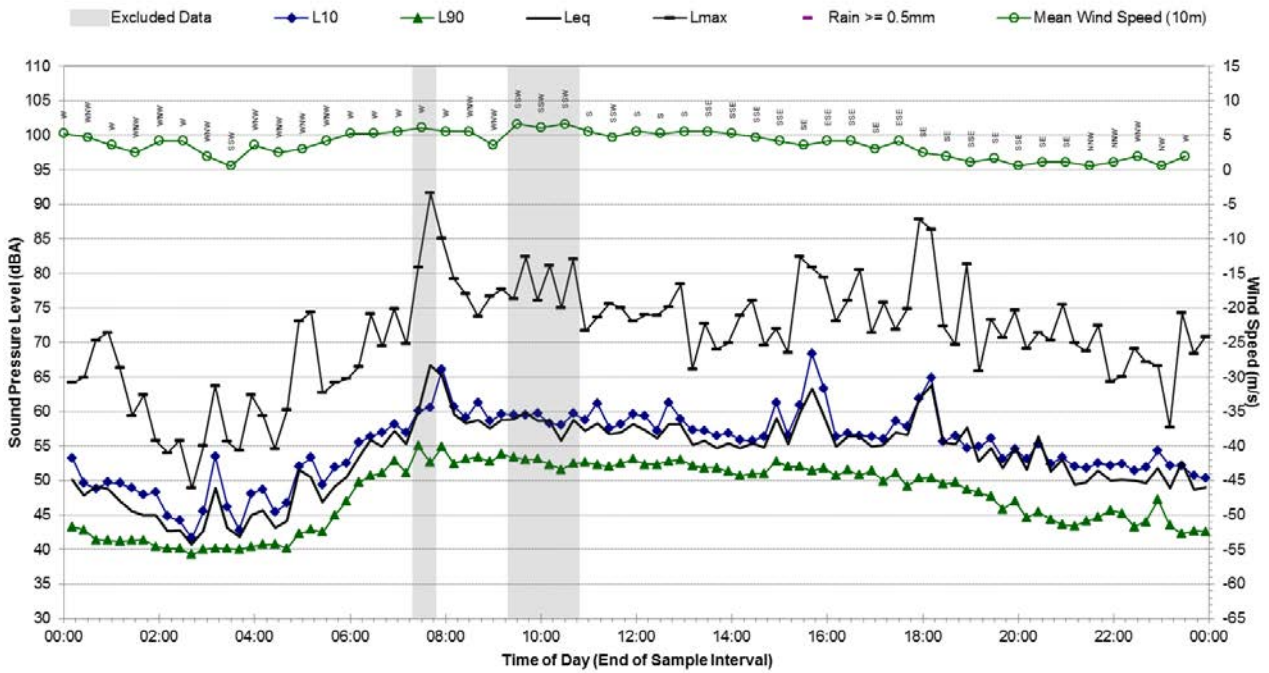
Statistical Ambient Noise Levels B.12 - Tuesday, 8 September 2015



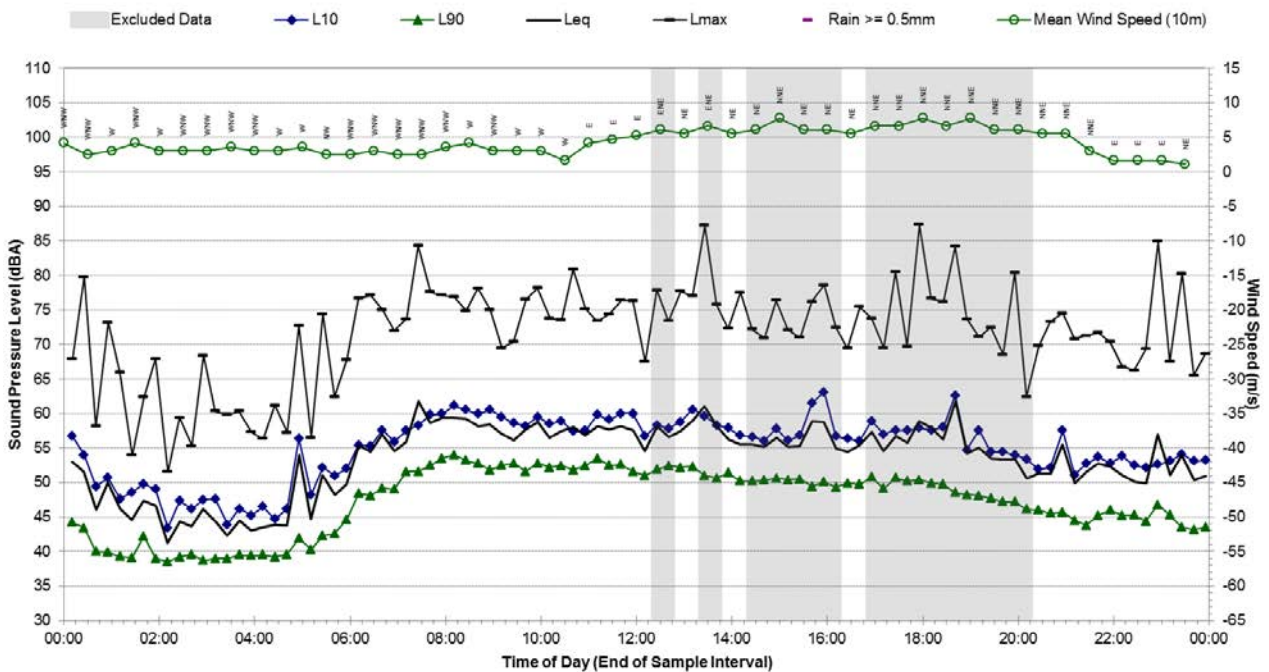
Statistical Ambient Noise Levels B.12 - Wednesday, 9 September 2015



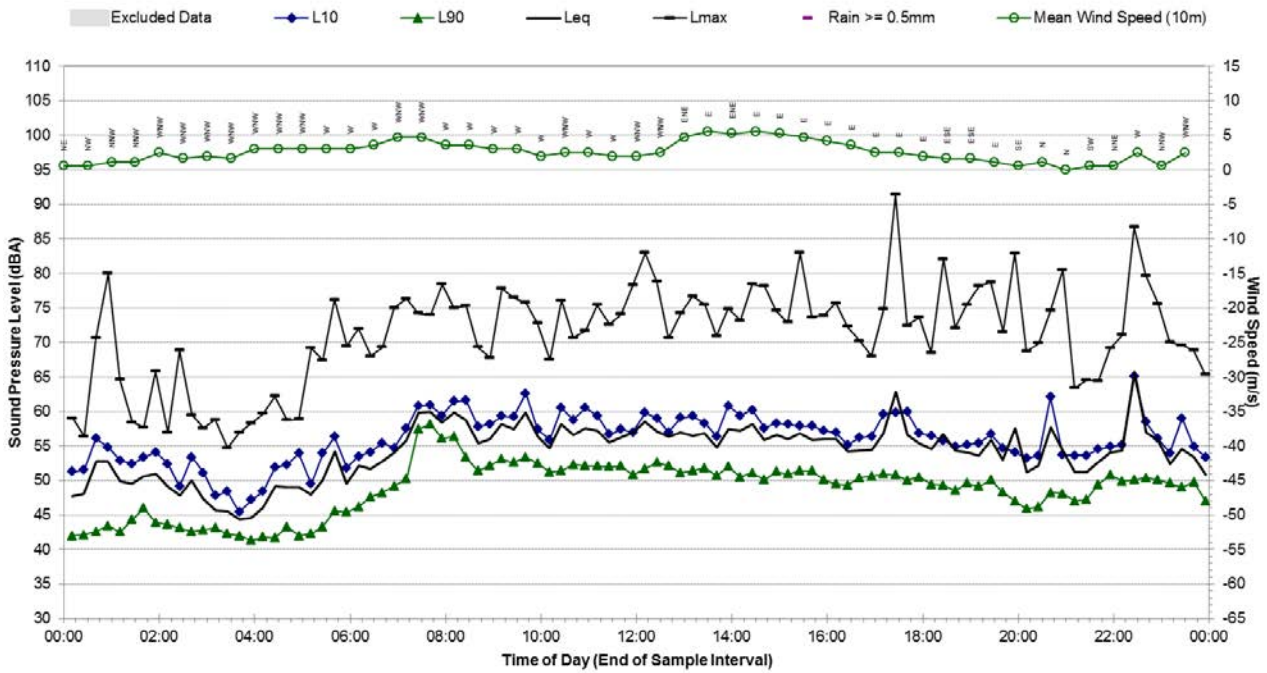
Statistical Ambient Noise Levels
B.12 - Thursday, 10 September 2015



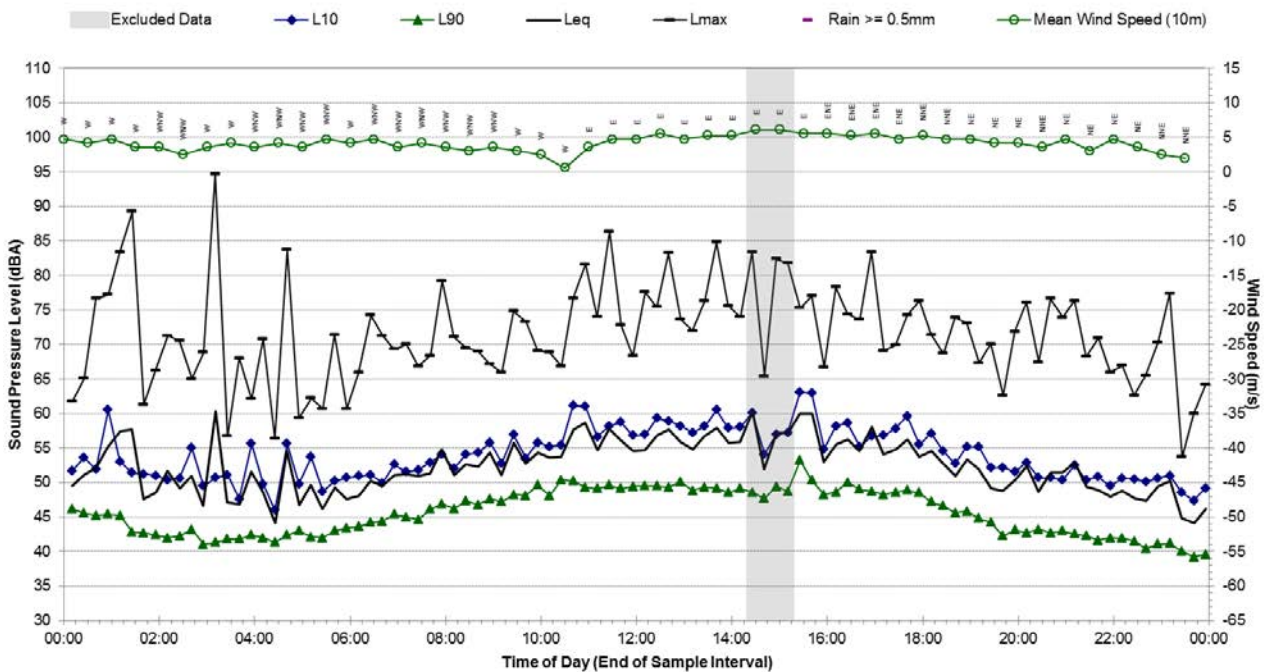
Statistical Ambient Noise Levels
B.12 - Friday, 11 September 2015



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

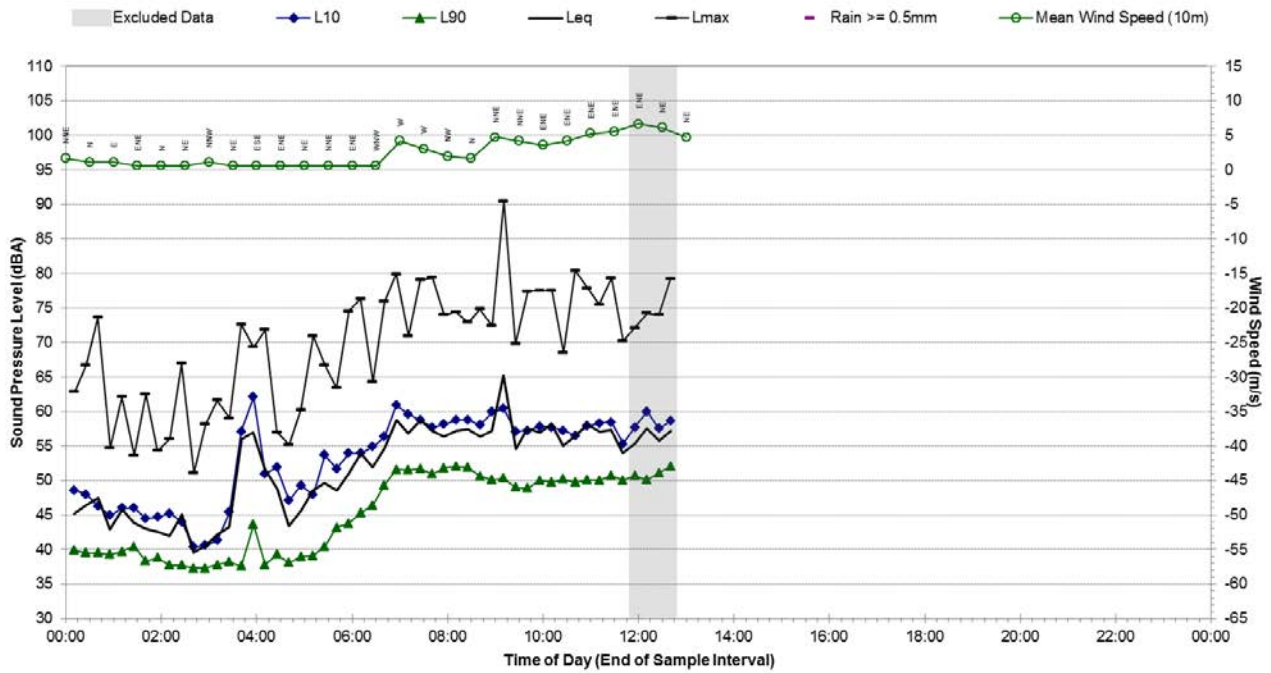


Statistical Ambient Noise Levels
B.12 - Sunday, 13 September 2015



Statistical Ambient Noise Levels

B.12 - Monday, 14 September 2015



Background Noise Monitoring Results – B.13

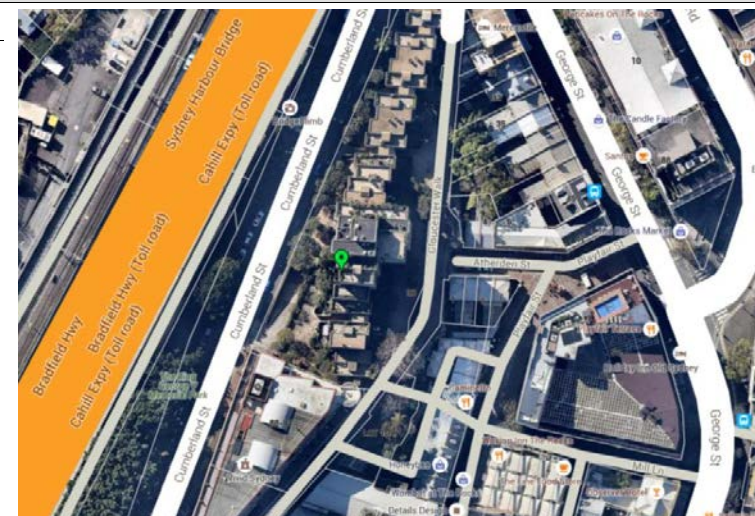
Noise Monitoring Location:	B.13
Noise Monitoring Address:	2-60 Cumberland Street, The Rocks 2000

Logger Device Type: Svantek 957
 Logger Serial No: 23243

Ambient noise logger deployed on the rooftop balcony of residential building 2-60 Cumberland Street, The Rocks.

Attended noise measurements indicate that the ambient noise environment at this location is significantly dominated by road noise from traffic exiting the Harbour Bridge along the Cahill Expressway and Bradfield Highway. Constant noise from both light-vehicle tyre-pavement interaction and engines from medium to high-vehicle traffic volumes can be heard at this location. The LA90 background results are attributed to an observed “city hum” which is constant in the Sydney CBD.

Map of Noise Monitoring Location



Ambient Noise Logging Results – INP Defined Time Periods

Monitoring Period	Noise Level (dBA)			
	RBL	LAeq	L10	L1
Daytime	62	66	67	70
Evening	62	65	66	69
Night-time	52	63	63	67

Attended Noise Measurement Results

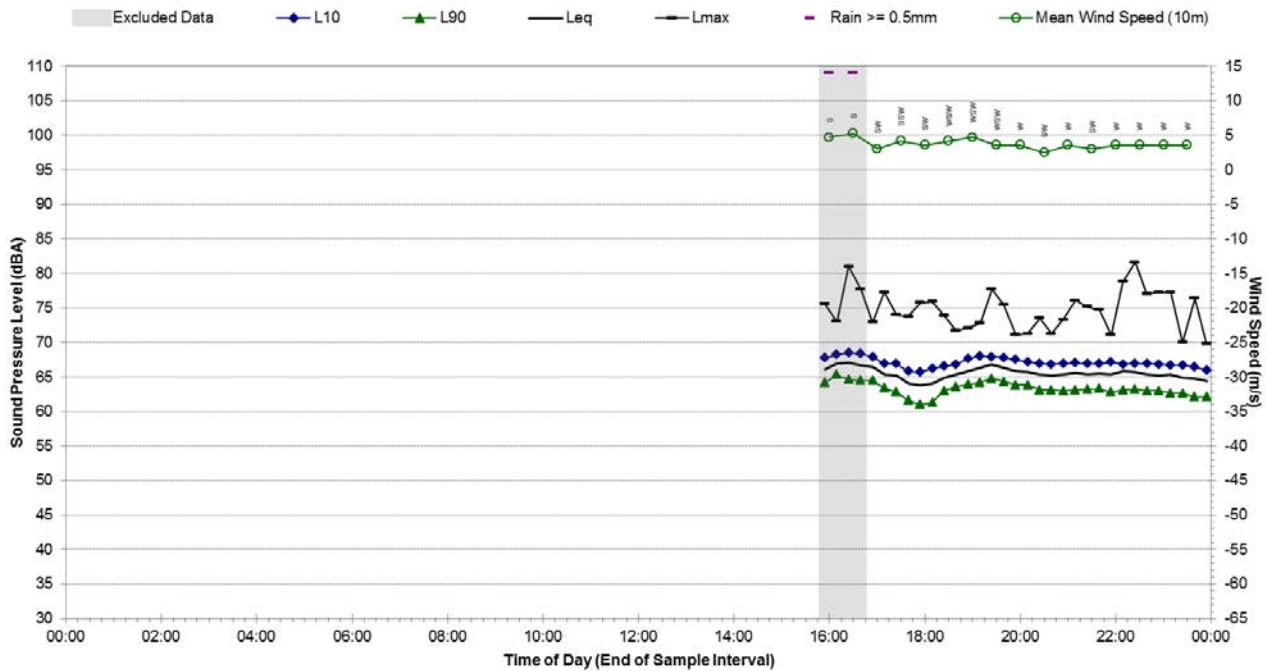
Date	Start Time	Measured Noise Level (dBA)		
		LA90	LAeq	LAmx
19/06/2015	15:29:28	64	66	74

Photo of Noise Monitoring Location



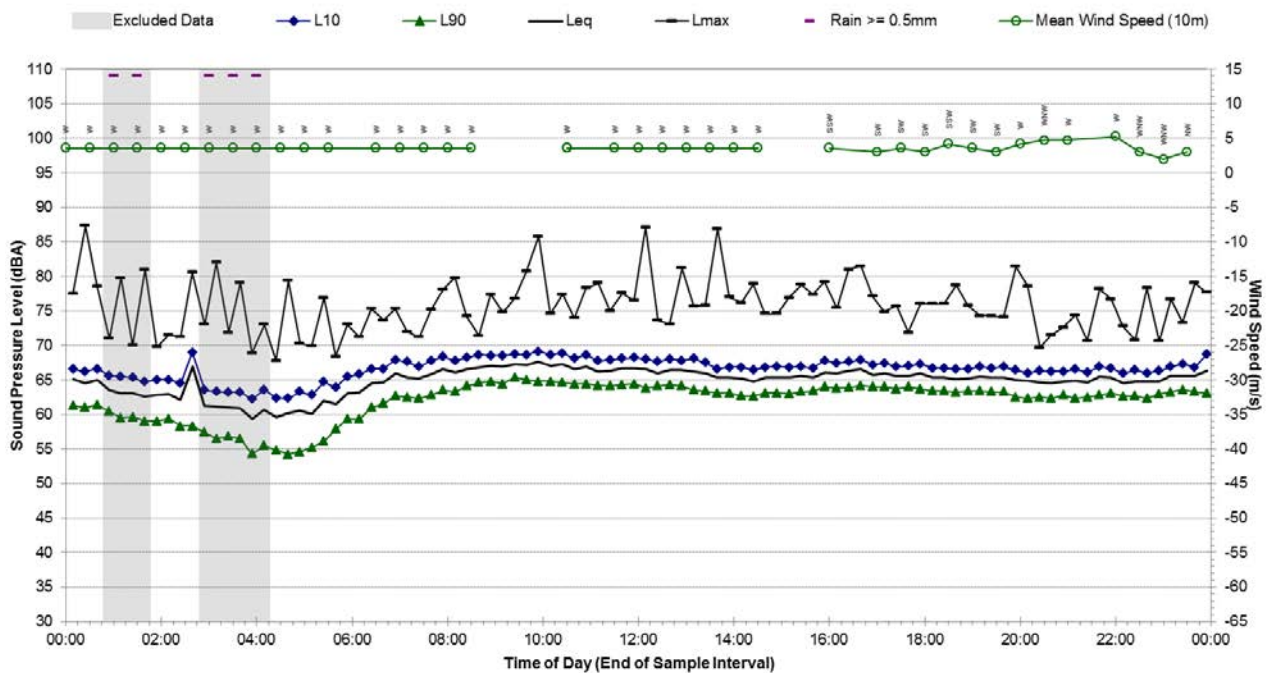
Statistical Ambient Noise Levels

B.13 - Friday, 19 June 2015

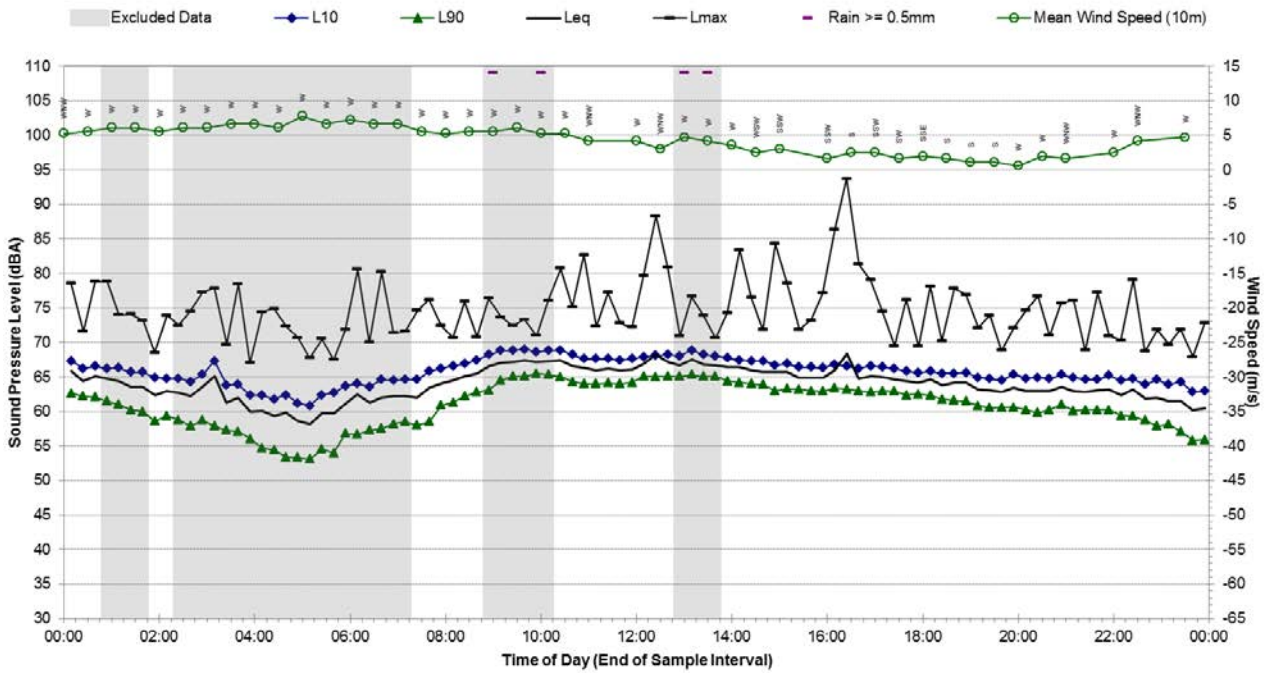


Statistical Ambient Noise Levels

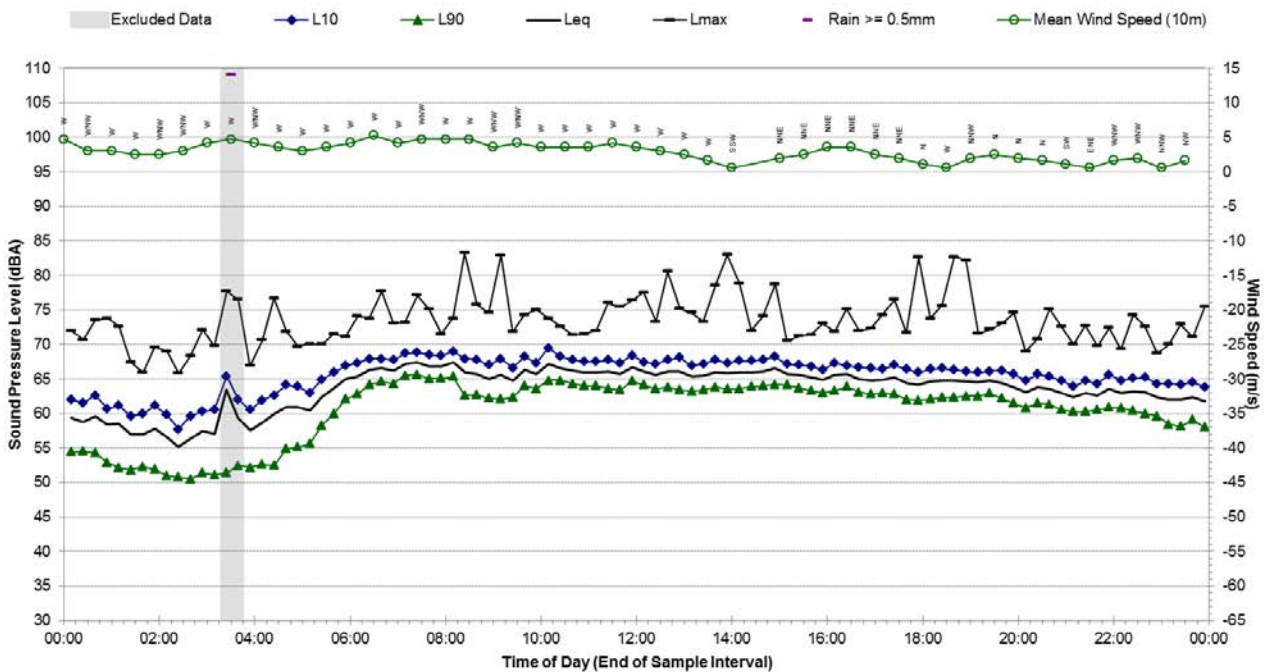
B.13 - Saturday, 20 June 2015



Statistical Ambient Noise Levels B.13 - Sunday, 21 June 2015

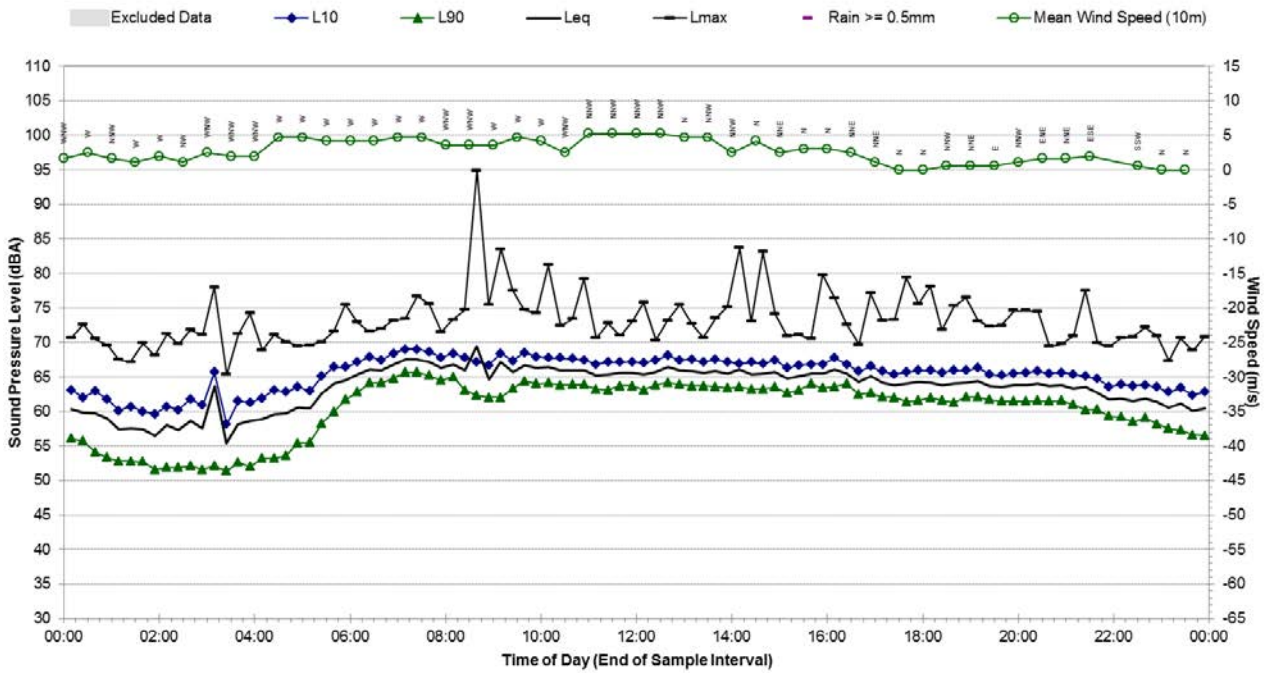


Statistical Ambient Noise Levels B.13 - Monday, 22 June 2015



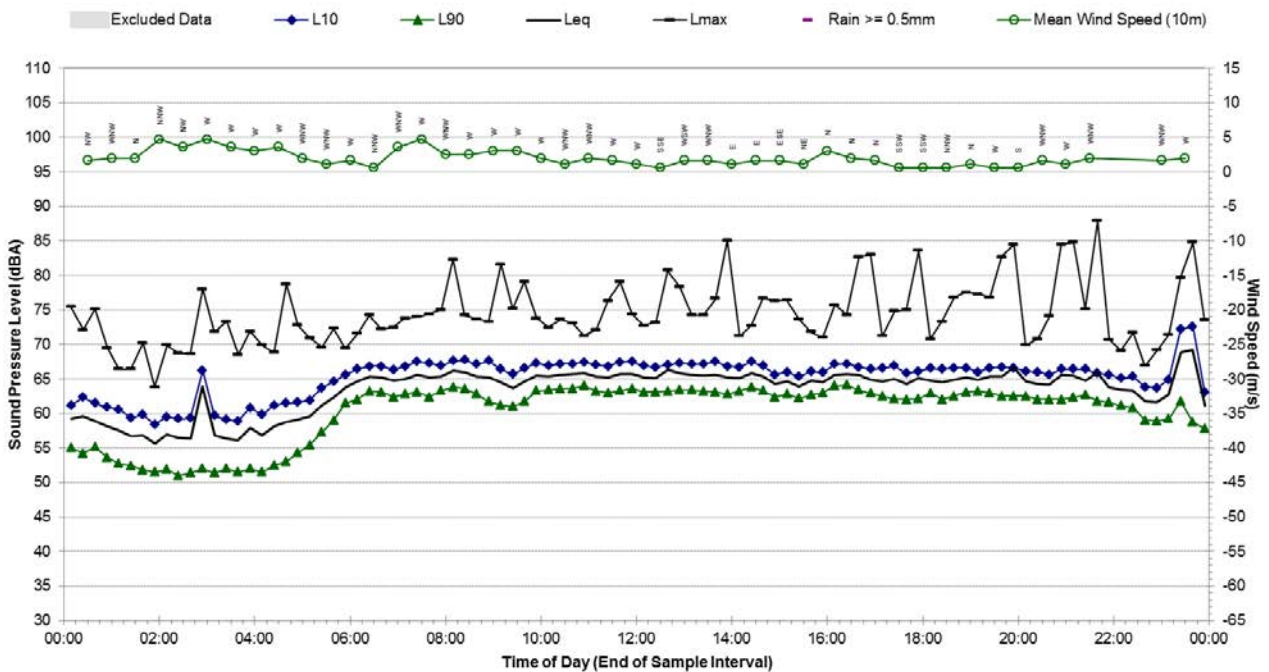
Statistical Ambient Noise Levels

B.13 - Tuesday, 23 June 2015

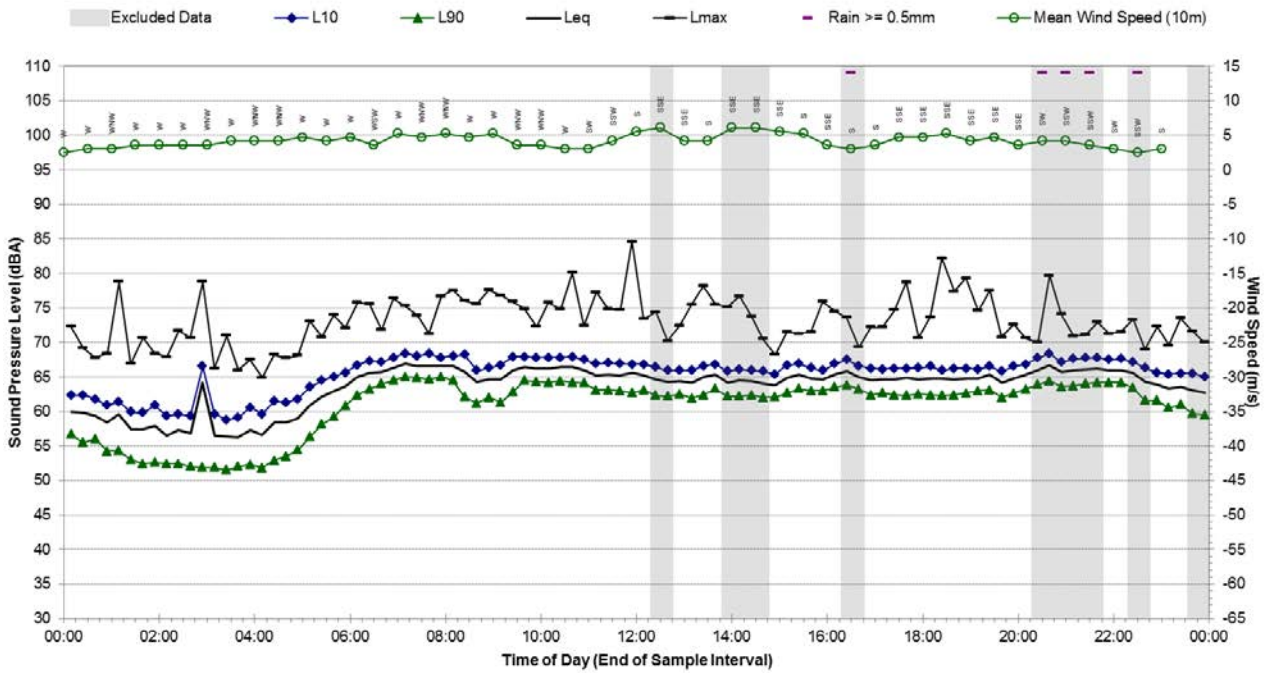


Statistical Ambient Noise Levels

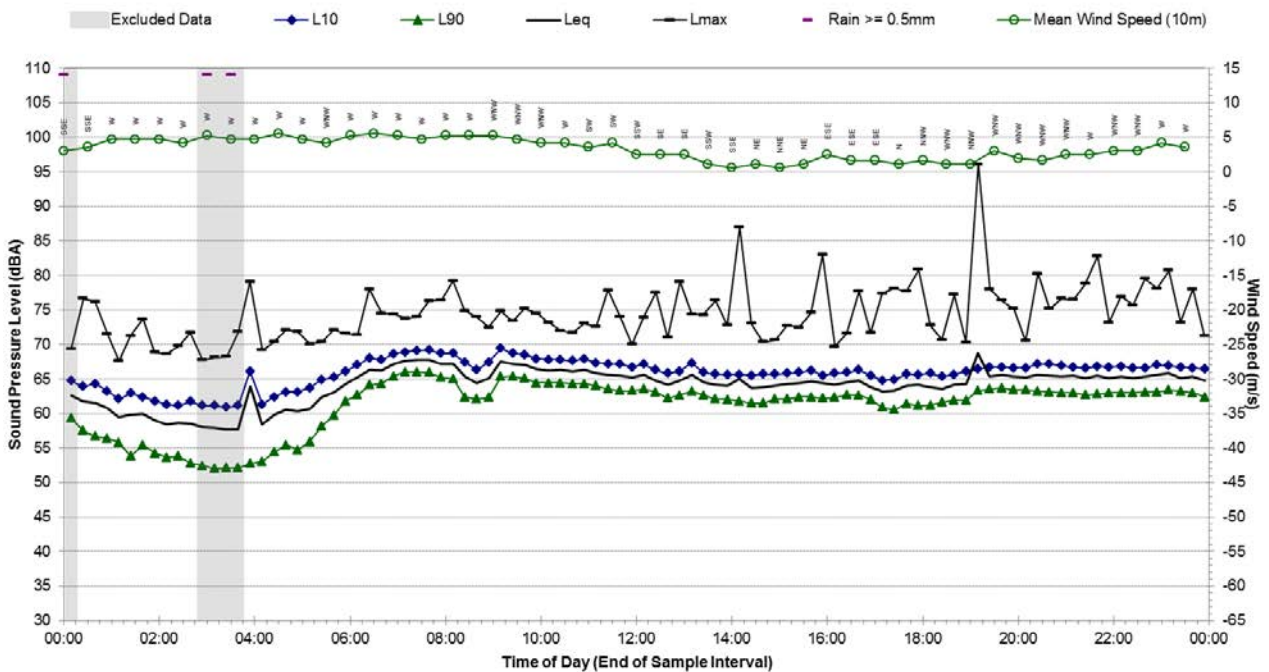
B.13 - Wednesday, 24 June 2015



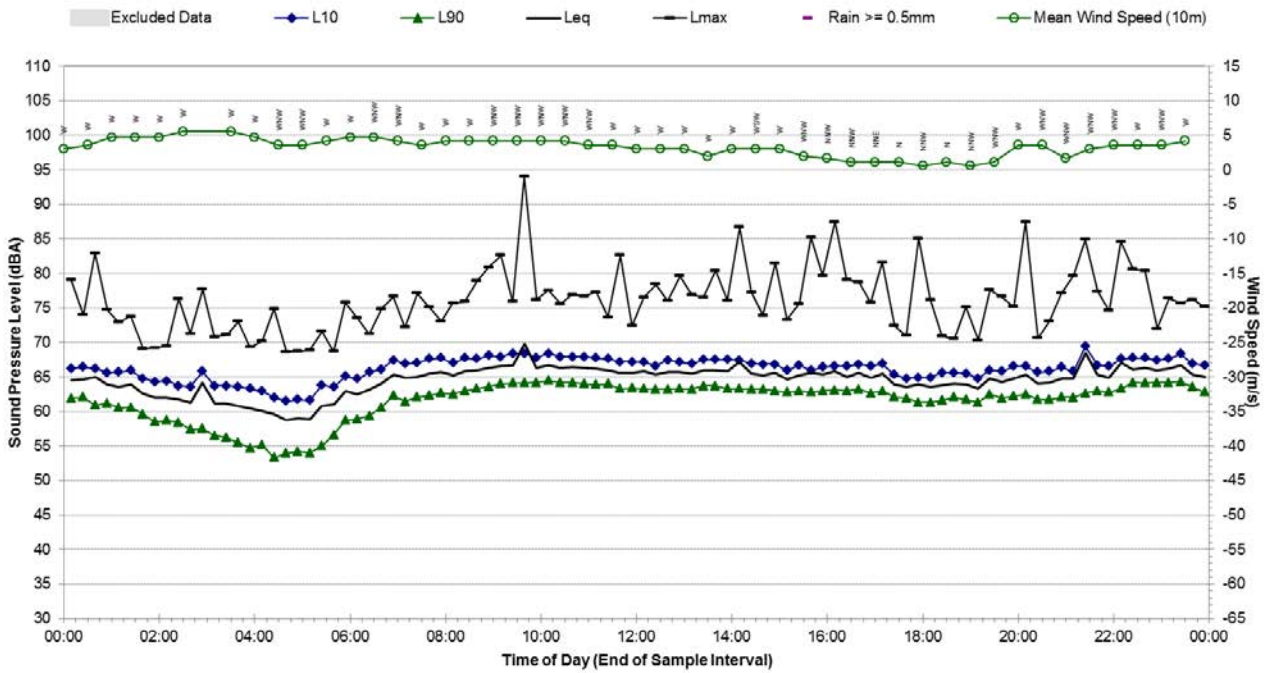
Statistical Ambient Noise Levels B.13 - Thursday, 25 June 2015



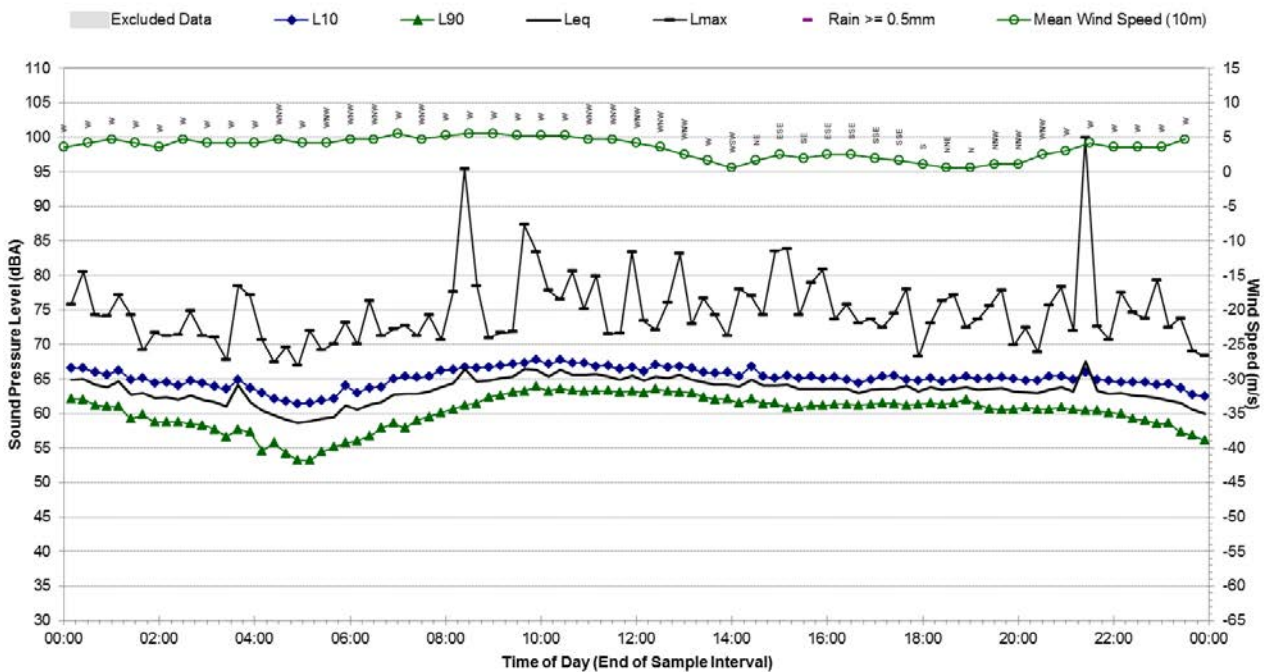
Statistical Ambient Noise Levels B.13 - Friday, 26 June 2015



Statistical Ambient Noise Levels B.13 - Saturday, 27 June 2015

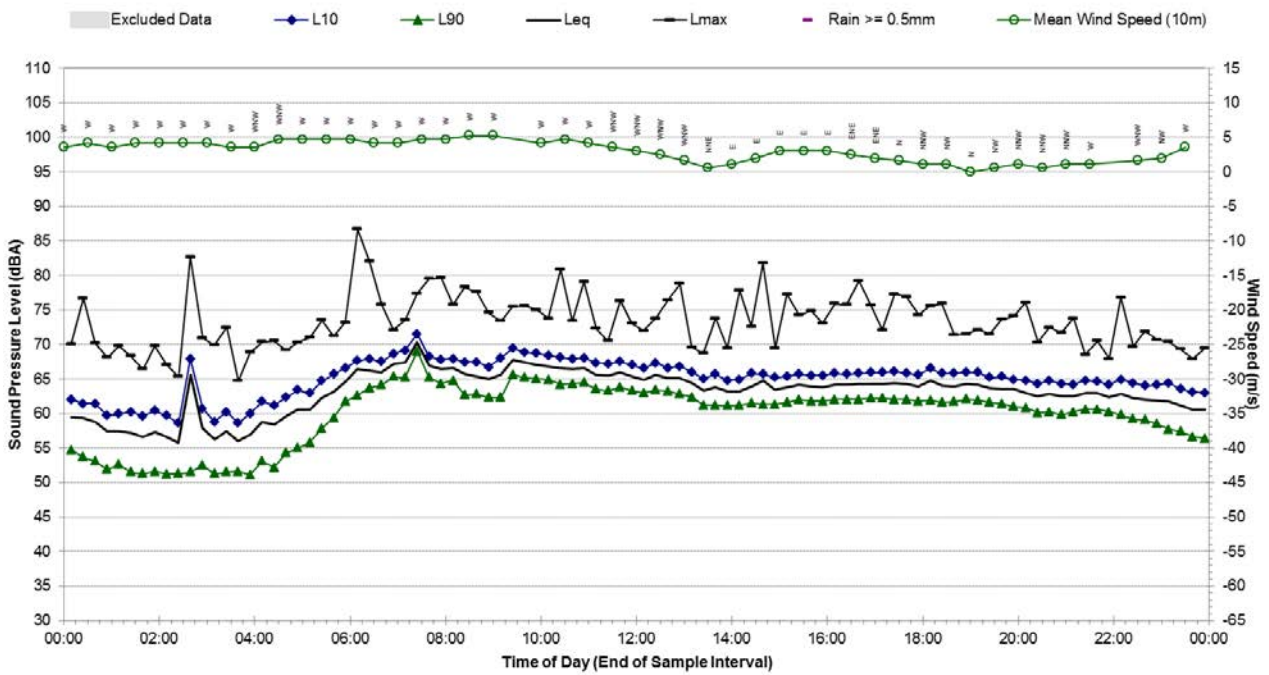


Statistical Ambient Noise Levels B.13 - Sunday, 28 June 2015



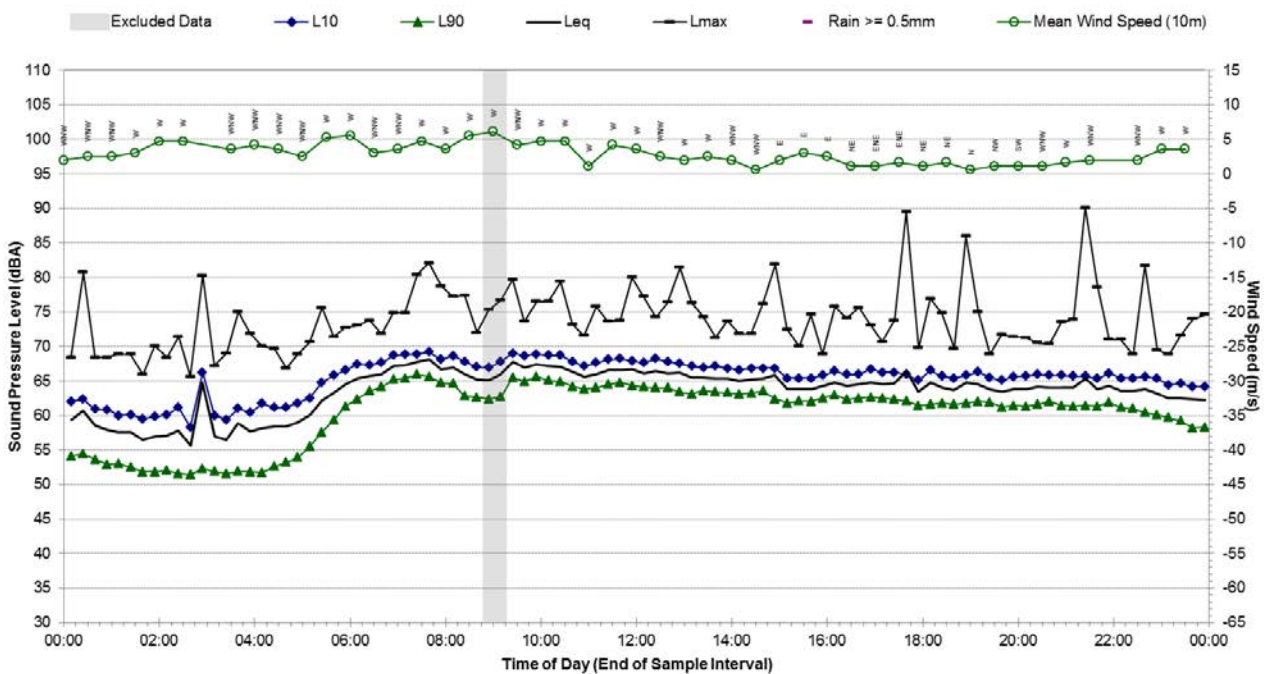
Statistical Ambient Noise Levels

B.13 - Monday, 29 June 2015

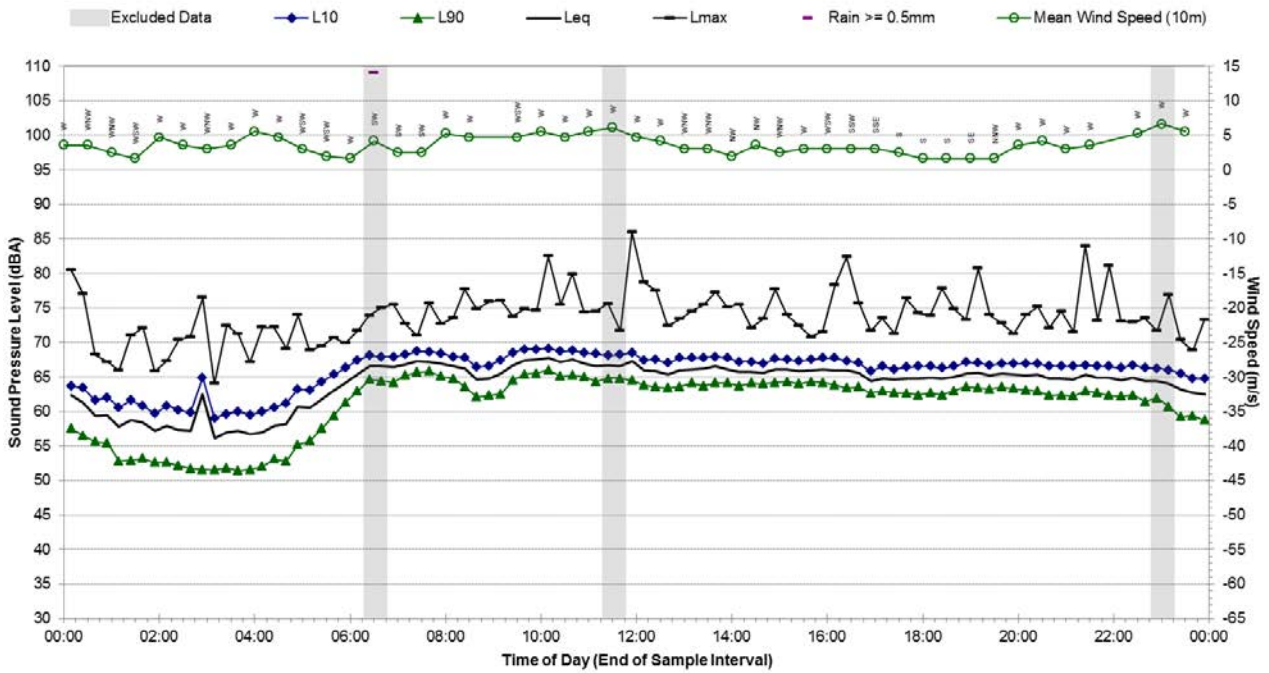


Statistical Ambient Noise Levels

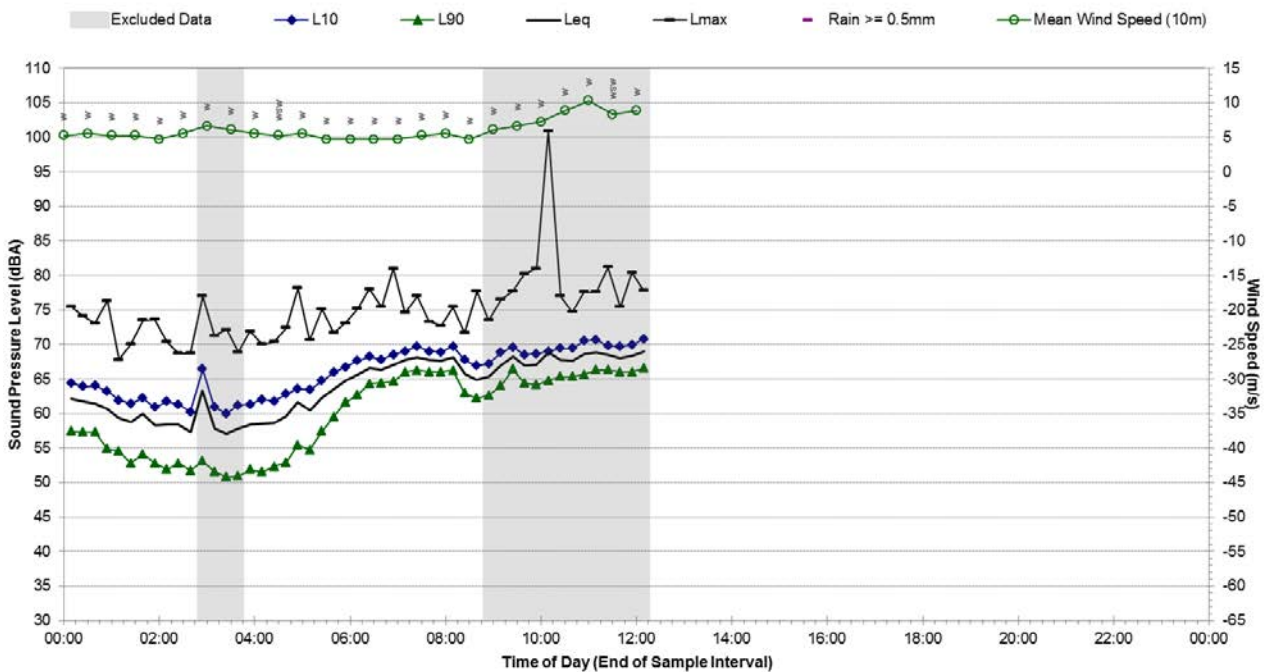
B.13 - Tuesday, 30 June 2015



Statistical Ambient Noise Levels B.13 - Wednesday, 1 July 2015



Statistical Ambient Noise Levels B.13 - Thursday, 2 July 2015



Background Noise Monitoring Results – B.14

Noise Monitoring Location: B.14 **Map of Noise Monitoring Location**

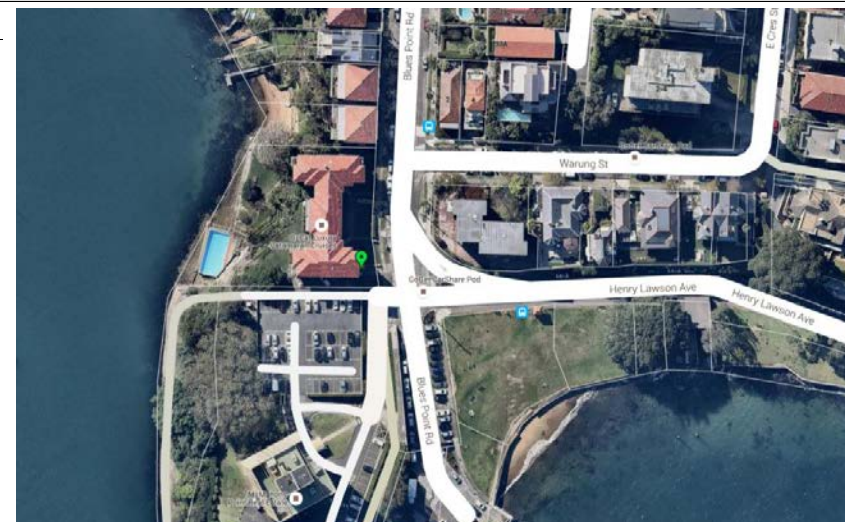
Noise Monitoring Address: 20/30 Blues Point Road, McMahons Point 2060

Logger Device Type: Svantek 957

Logger Serial No: 20670

Ambient noise logger deployed on the balcony of residential apartment address 20/30 Blues Point Road, McMahons Point.

Attended noise measurements indicate that the ambient noise environment at this location is dominated by road traffic noise from Blues Point Road. The LA90 background results are attributed to an observed “city hum” which is constant in the Sydney Harbour.



Ambient Noise Logging Results – INP Defined Time Periods

Monitoring Period	Noise Level (dBA)			
	RBL	LAeq	L10	L1
Daytime	51	62	63	70
Evening	49	61	61	67
Night-time	40	54	52	63

Photo of Noise Monitoring Location

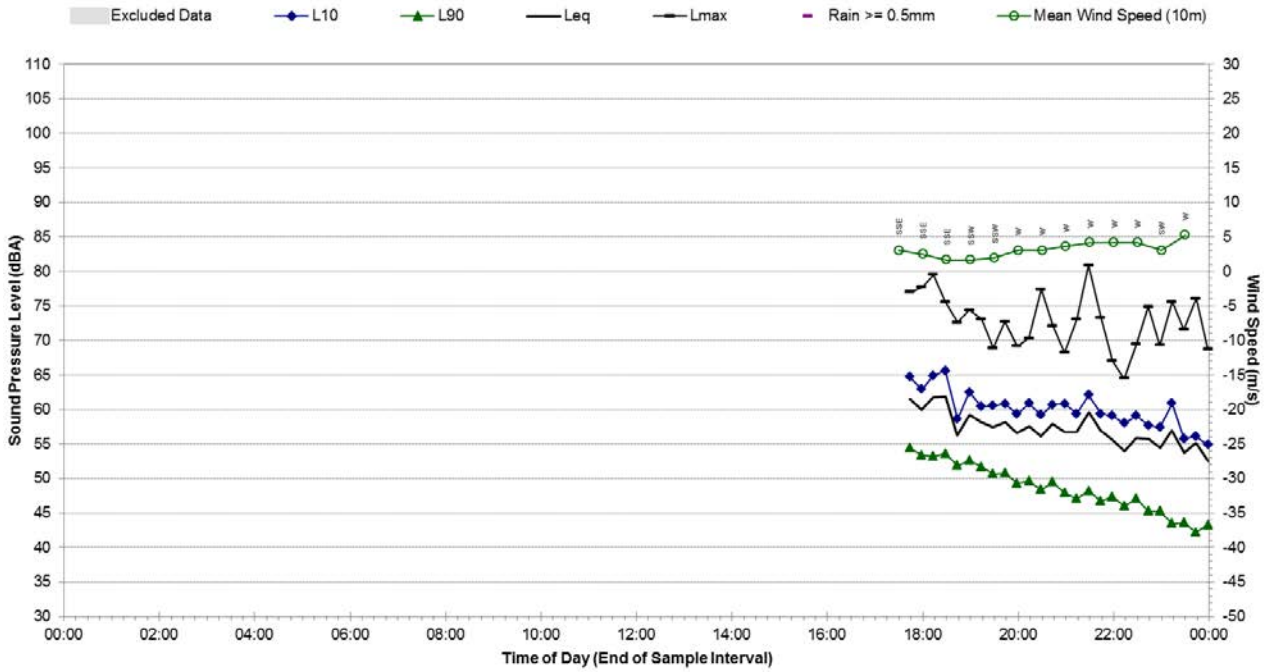


Attended Noise Measurement Results

Date	Start Time	Measured Noise Level (dBA)		
		LA90	LAeq	LAmx
16/09/2015	08:50:11	51	60	77

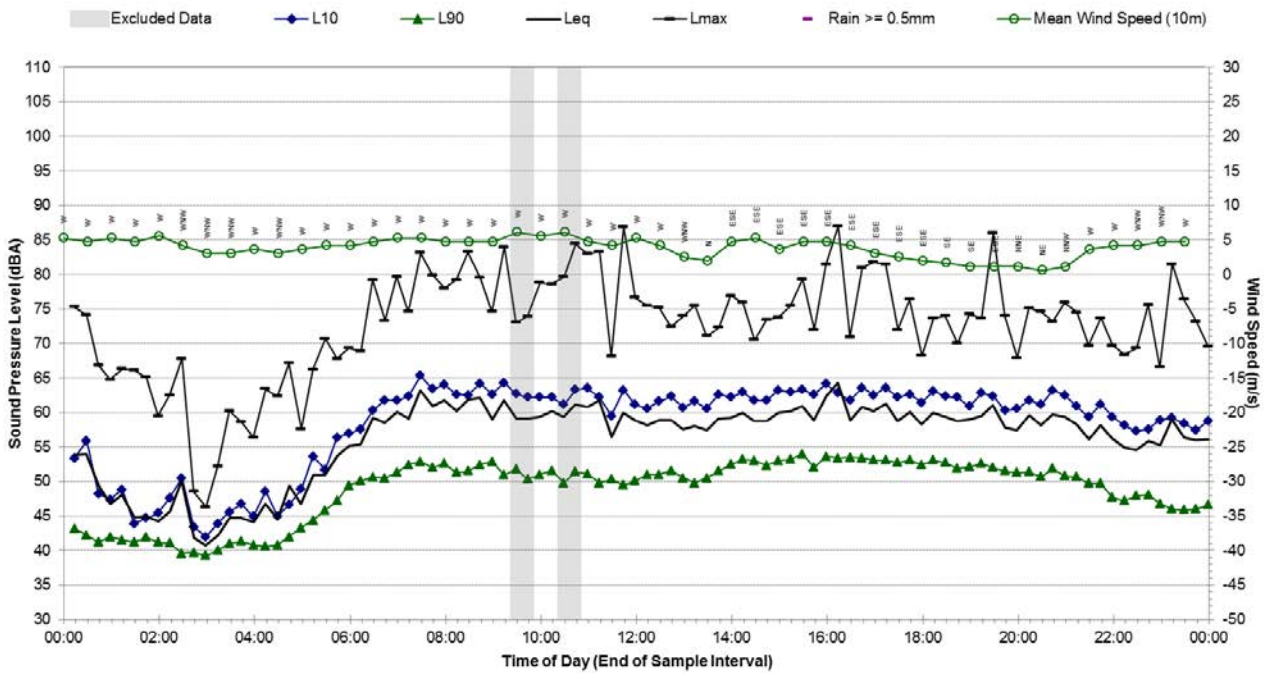
Statistical Ambient Noise Levels

B.14 - Monday, 31 August 2015

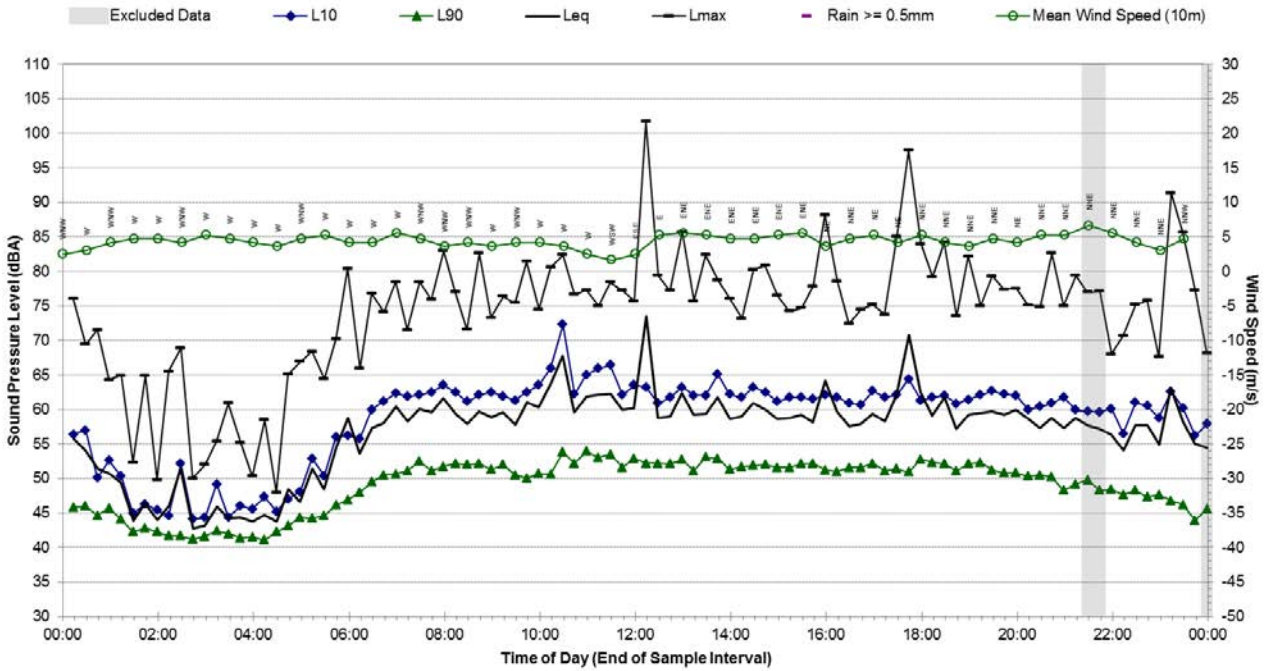


Statistical Ambient Noise Levels

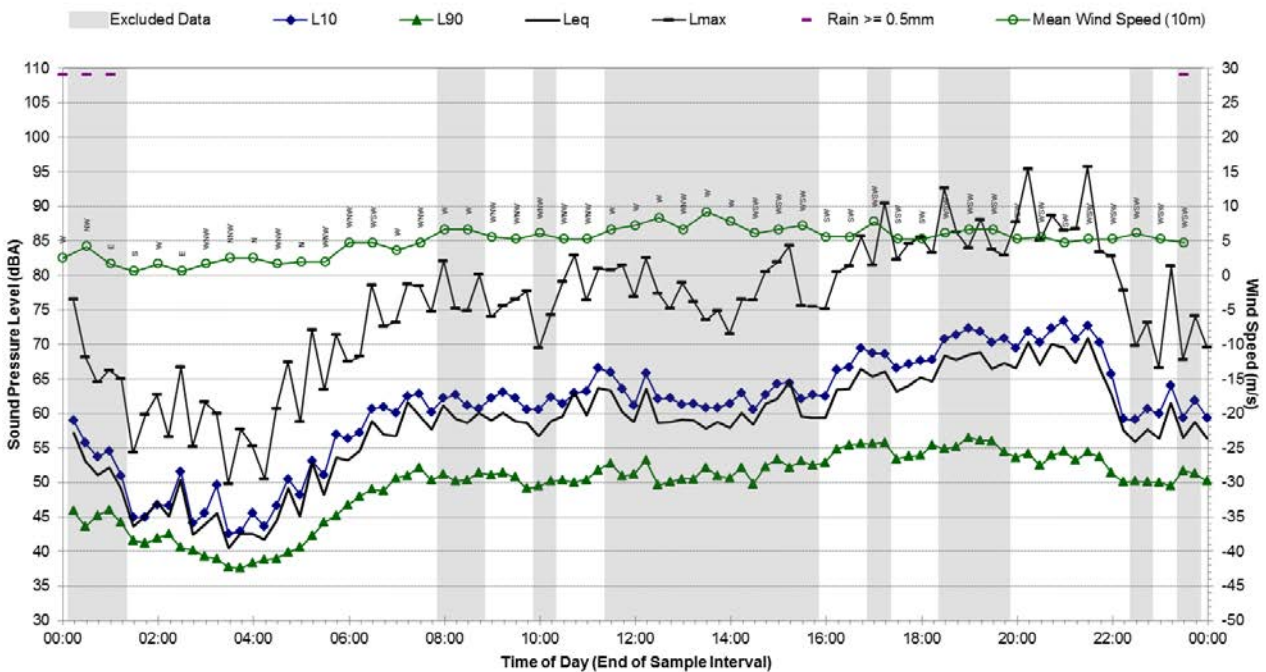
B.14 - Tuesday, 1 September 2015



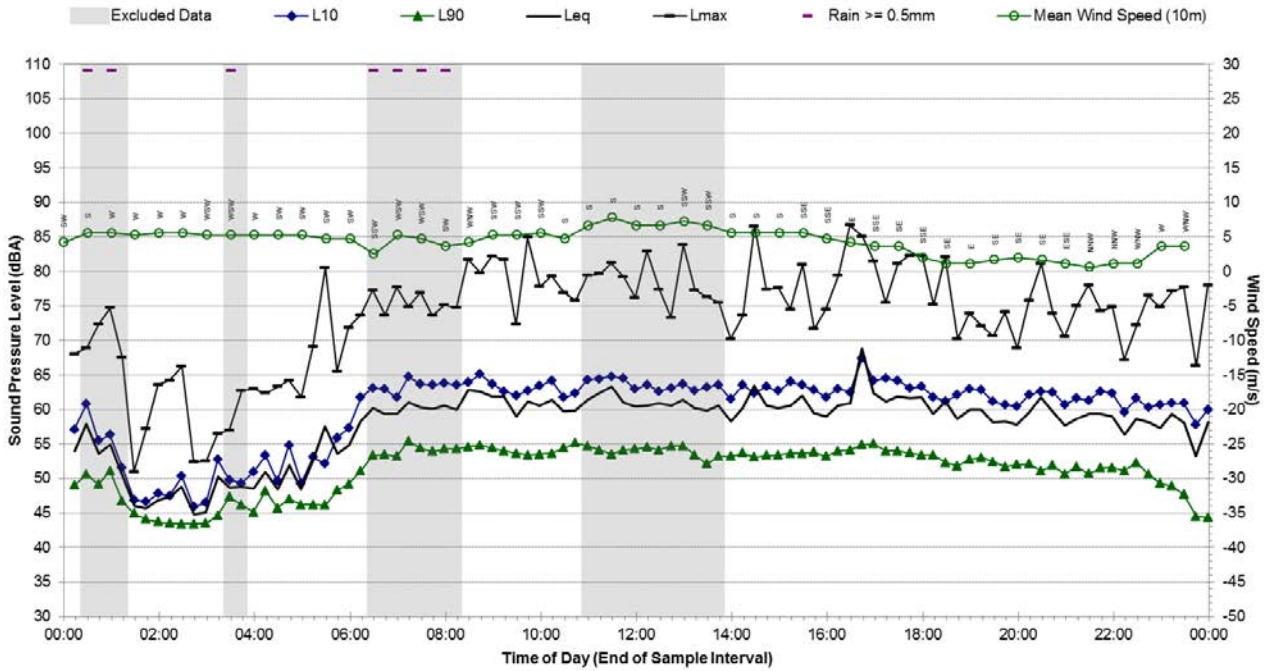
Statistical Ambient Noise Levels B.14 - Wednesday, 2 September 2015



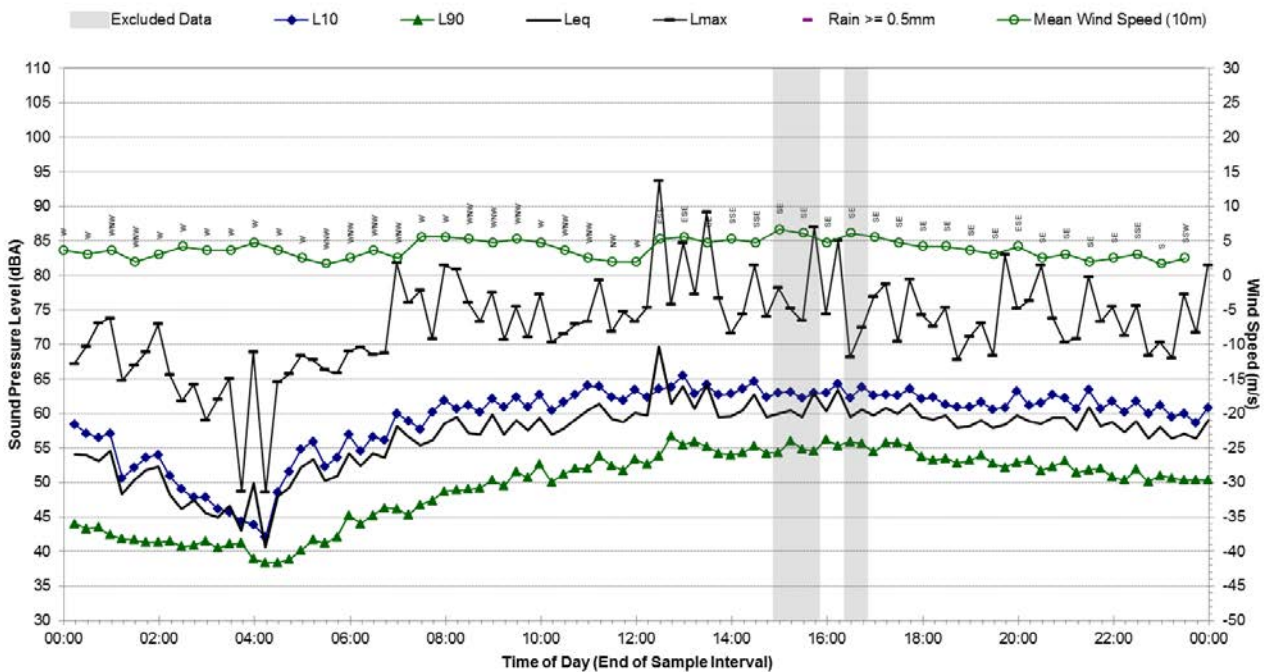
Statistical Ambient Noise Levels B.14 - Thursday, 3 September 2015



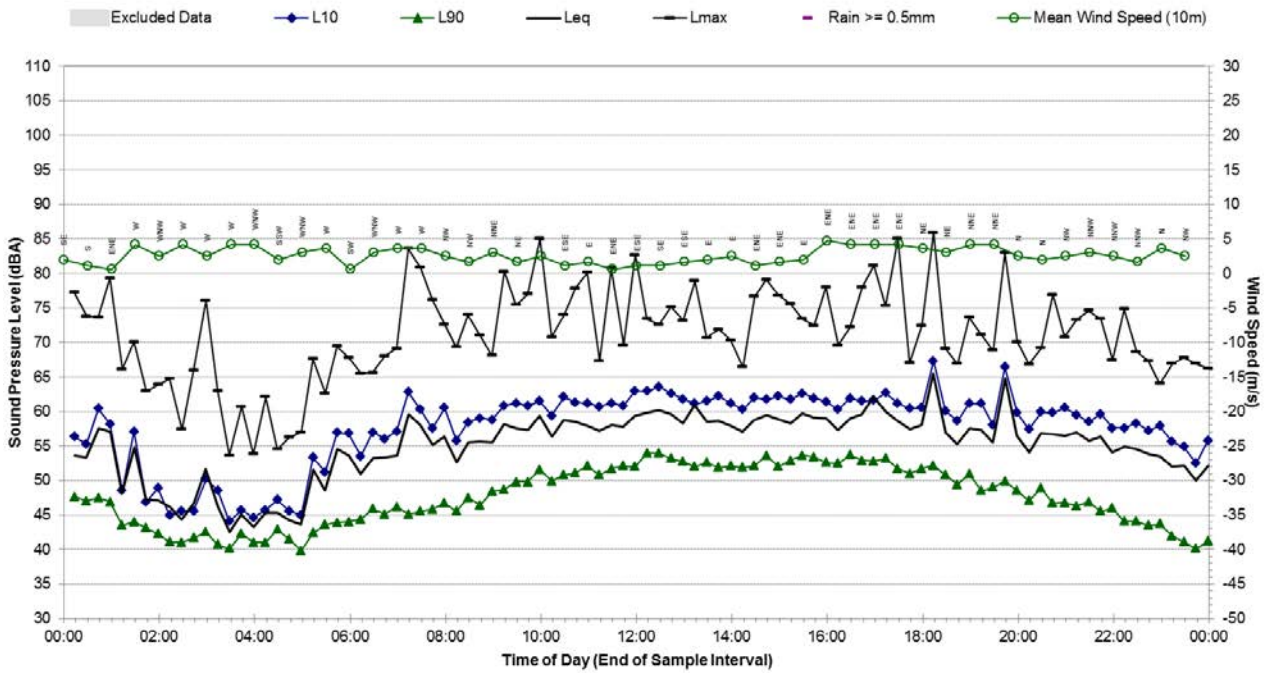
Statistical Ambient Noise Levels B.14 - Friday, 4 September 2015



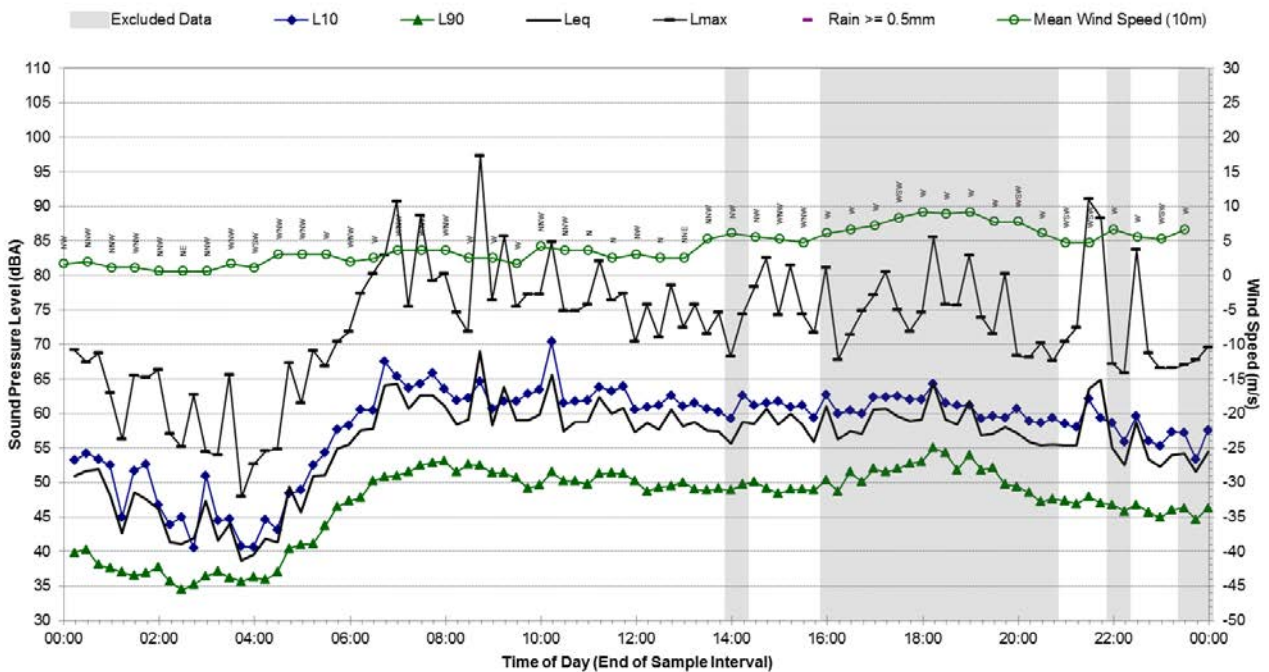
Statistical Ambient Noise Levels B.14 - Saturday, 5 September 2015



Statistical Ambient Noise Levels B.14 - Sunday, 6 September 2015

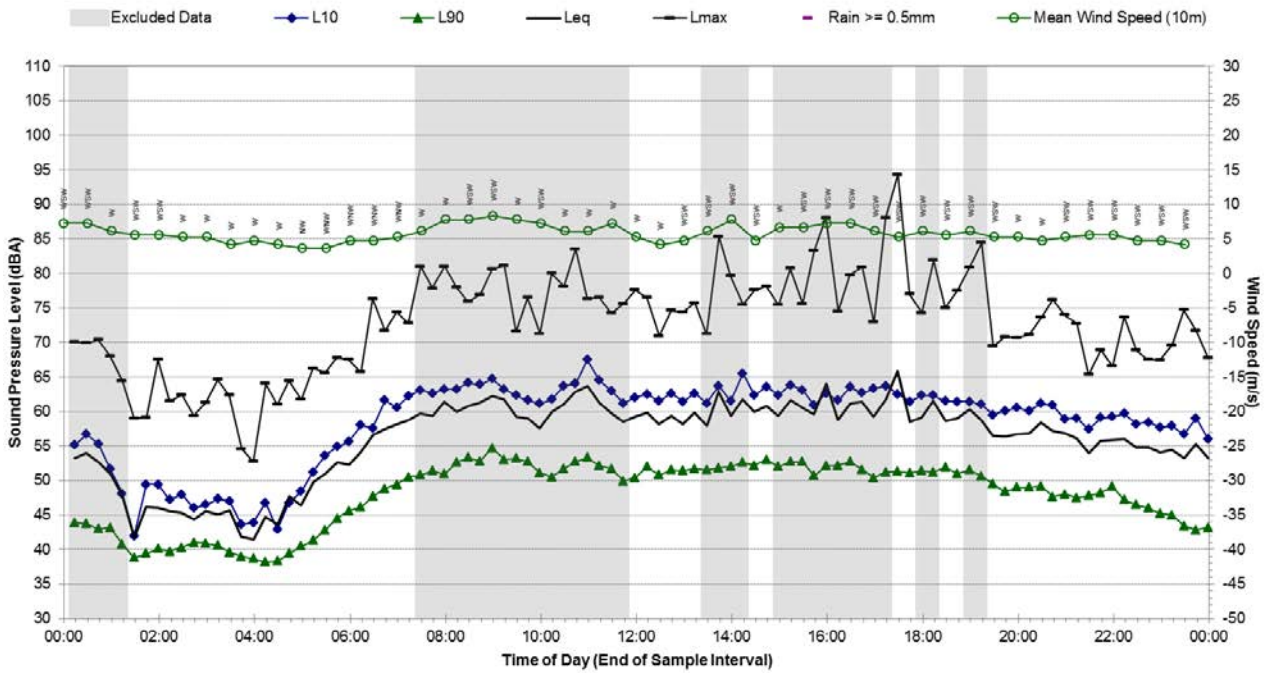


Statistical Ambient Noise Levels B.14 - Monday, 7 September 2015



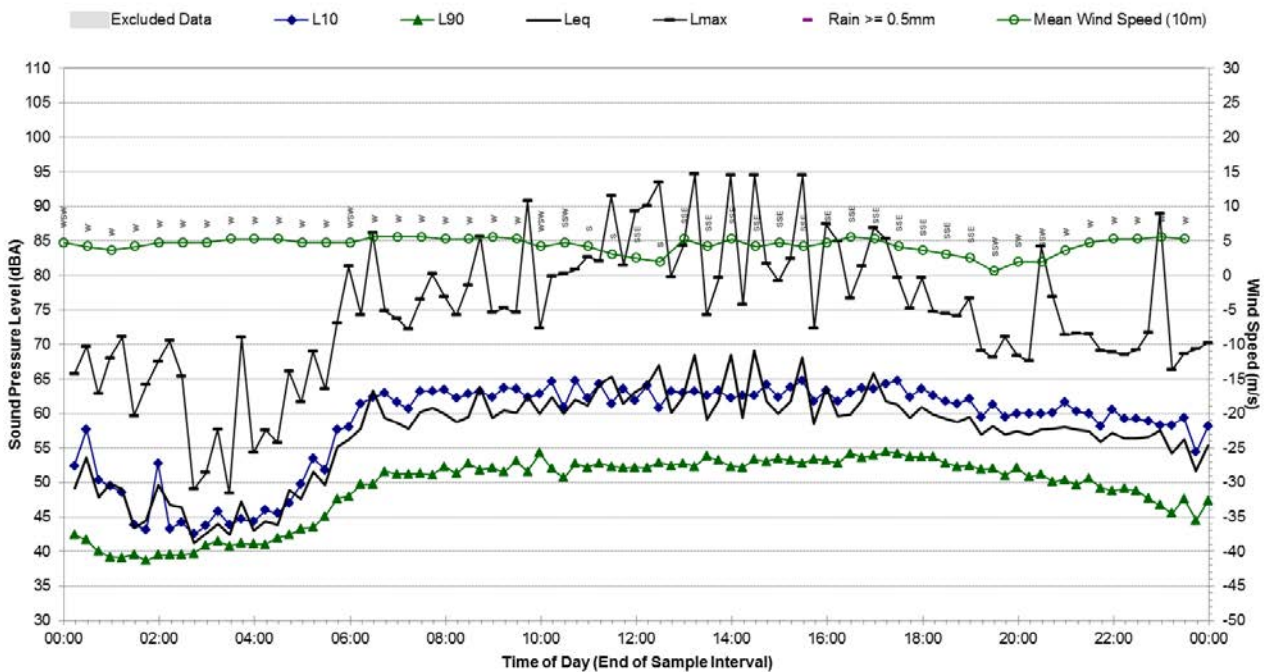
Statistical Ambient Noise Levels

B.14 - Tuesday, 8 September 2015

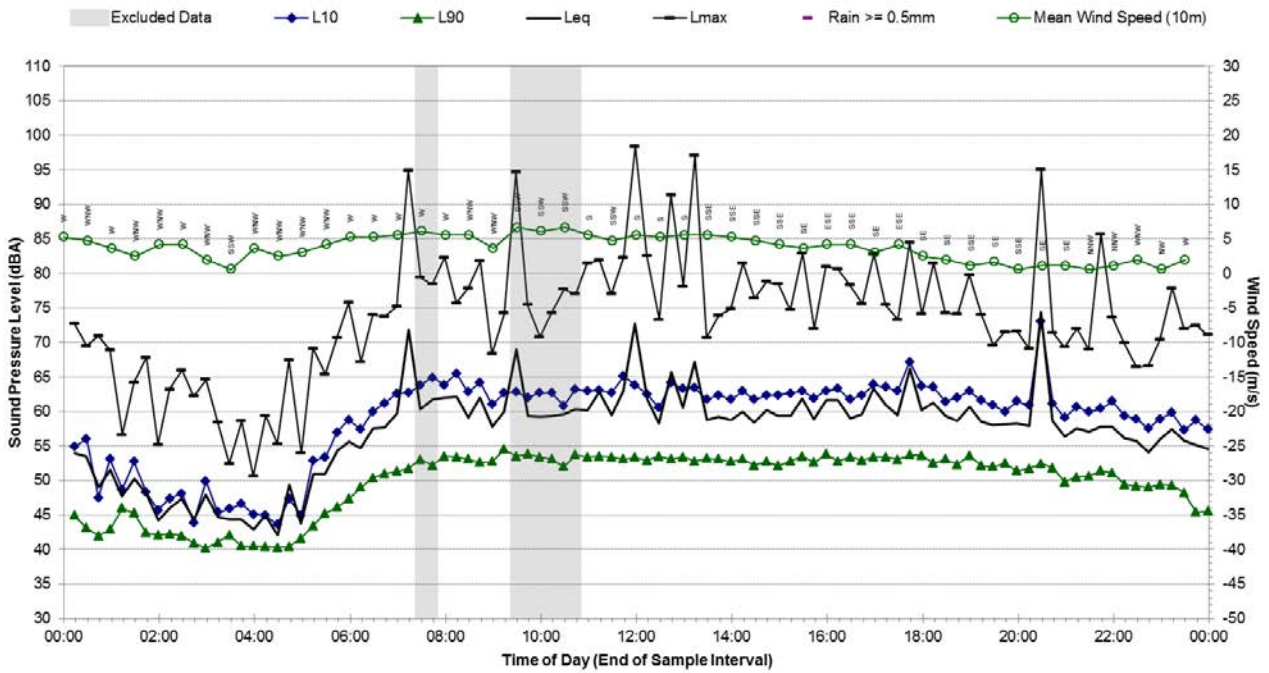


Statistical Ambient Noise Levels

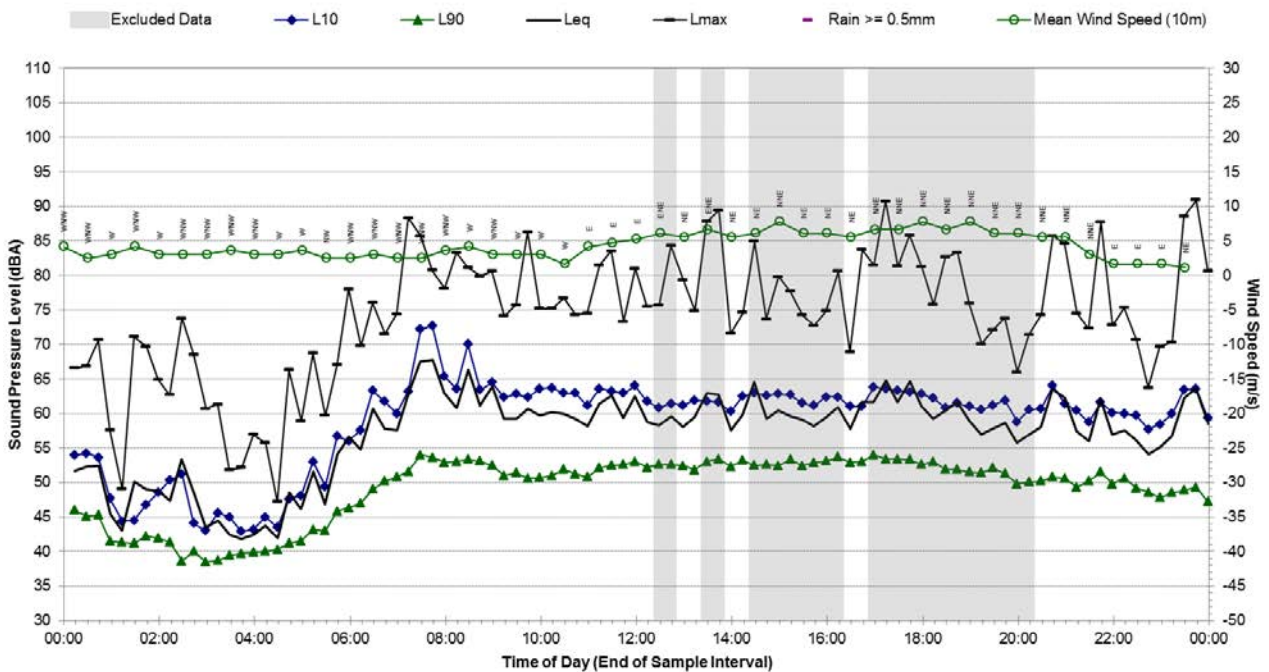
B.14 - Wednesday, 9 September 2015



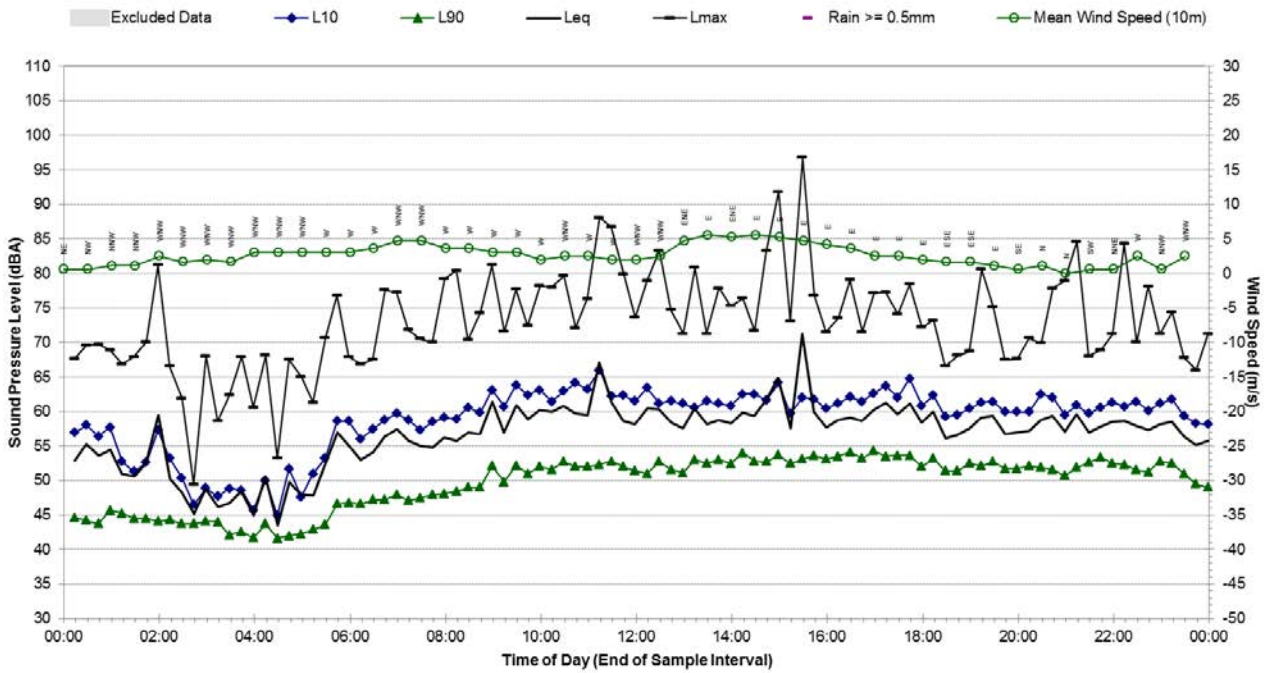
Statistical Ambient Noise Levels B.14 - Thursday, 10 September 2015



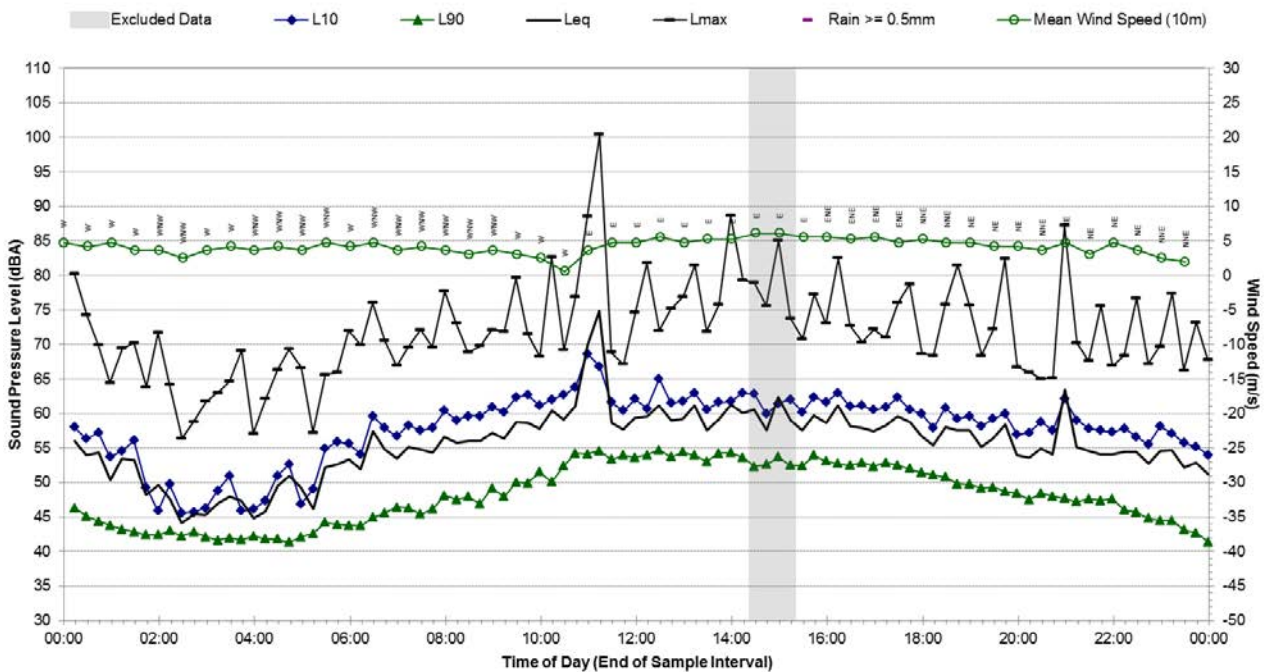
Statistical Ambient Noise Levels B.14 - Friday, 11 September 2015



Statistical Ambient Noise Levels B.14 - Saturday, 12 September 2015

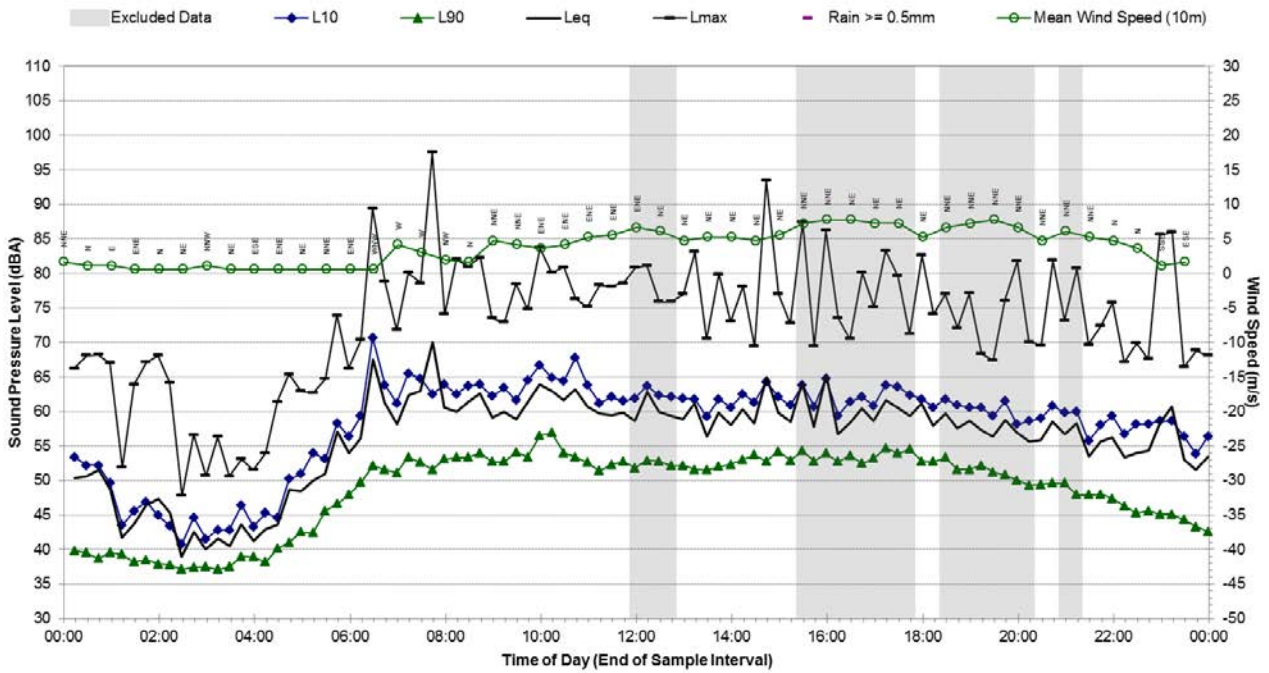


Statistical Ambient Noise Levels B.14 - Sunday, 13 September 2015



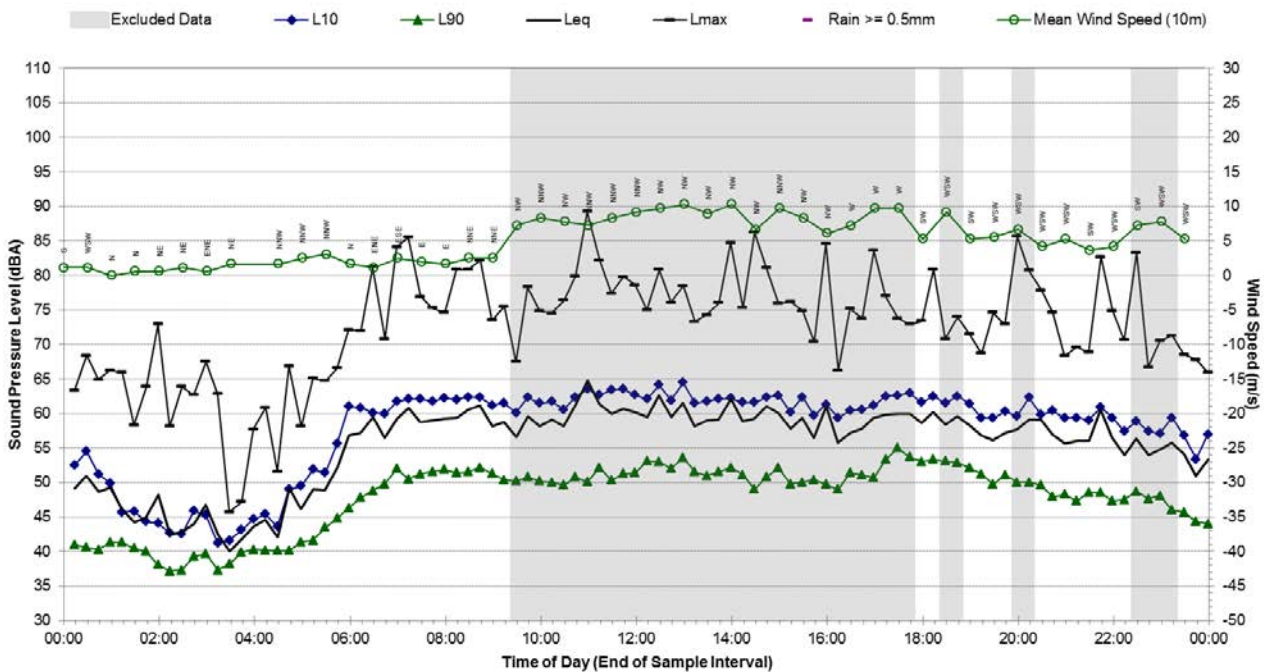
Statistical Ambient Noise Levels

B.14 - Monday, 14 September 2015



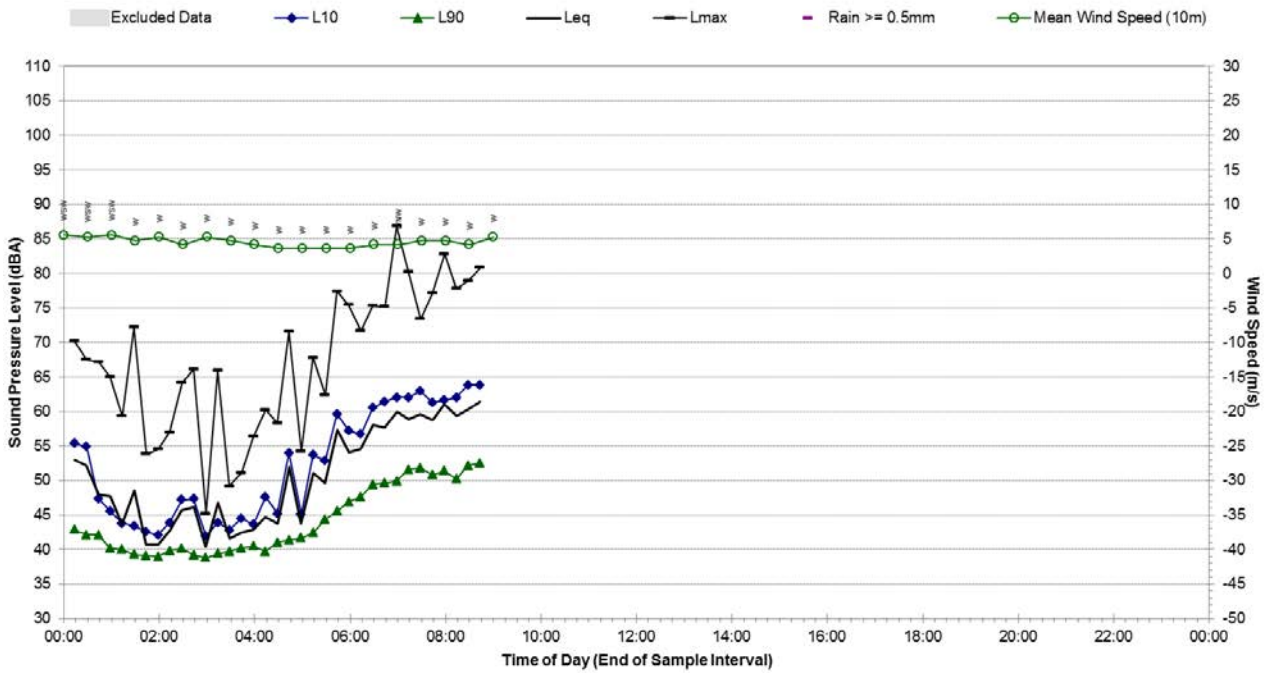
Statistical Ambient Noise Levels

B.14 - Tuesday, 15 September 2015



Statistical Ambient Noise Levels

B.14 - Wednesday, 16 September 2015



Background Noise Monitoring Results – B.15

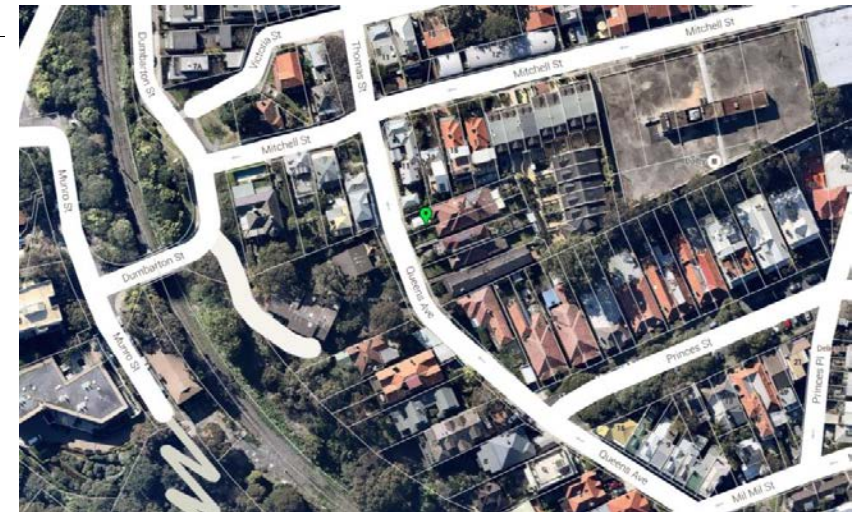
Noise Monitoring Location:	B.15
Noise Monitoring Address:	23 Queens Avenue, McMahons Point 2060

Logger Device Type: Svantek 957
 Logger Serial No: 23816

Ambient noise logger deployed in the front yard of residential address 23 Queens Avenue, McMahons Point.

Attended noise measurements indicate that there are 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					Photo of Noise Monitoring Location
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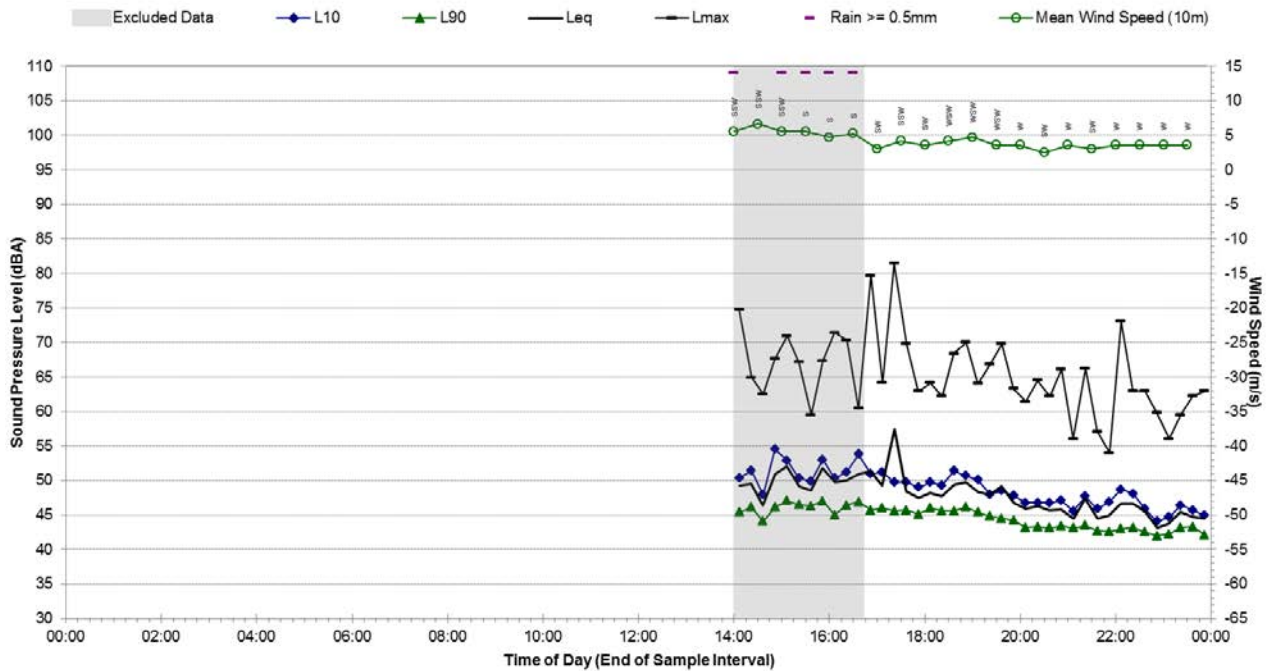
Monitoring Period	Noise Level (dBA)			
	RBL	LAeq	L10	L1
Daytime	38	51	50	60
Evening	38	47	46	54
Night-time	36	45	42	44



Attended Noise Measurement Results				
Date	Start Time	Measured Noise Level (dBA)		
		LA90	LAeq	LAmx
19/06/2015	13:39:13	45	49	75

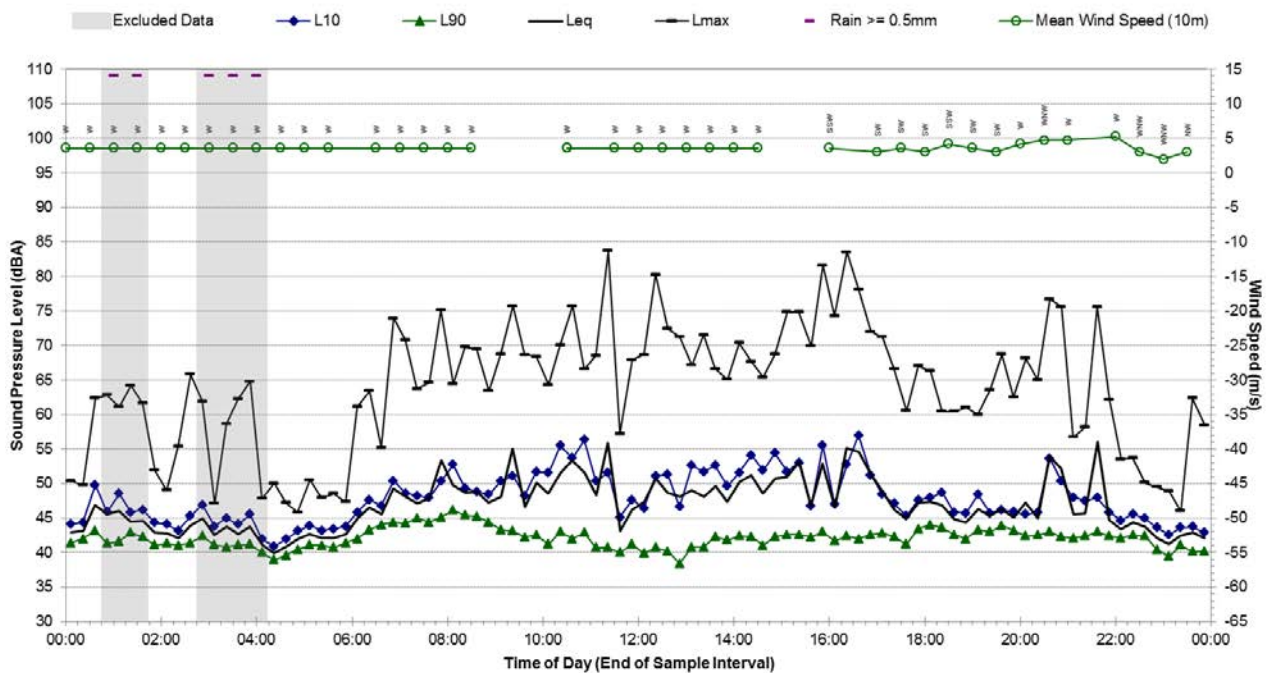
Statistical Ambient Noise Levels

B.15 - Friday, 19 June 2015

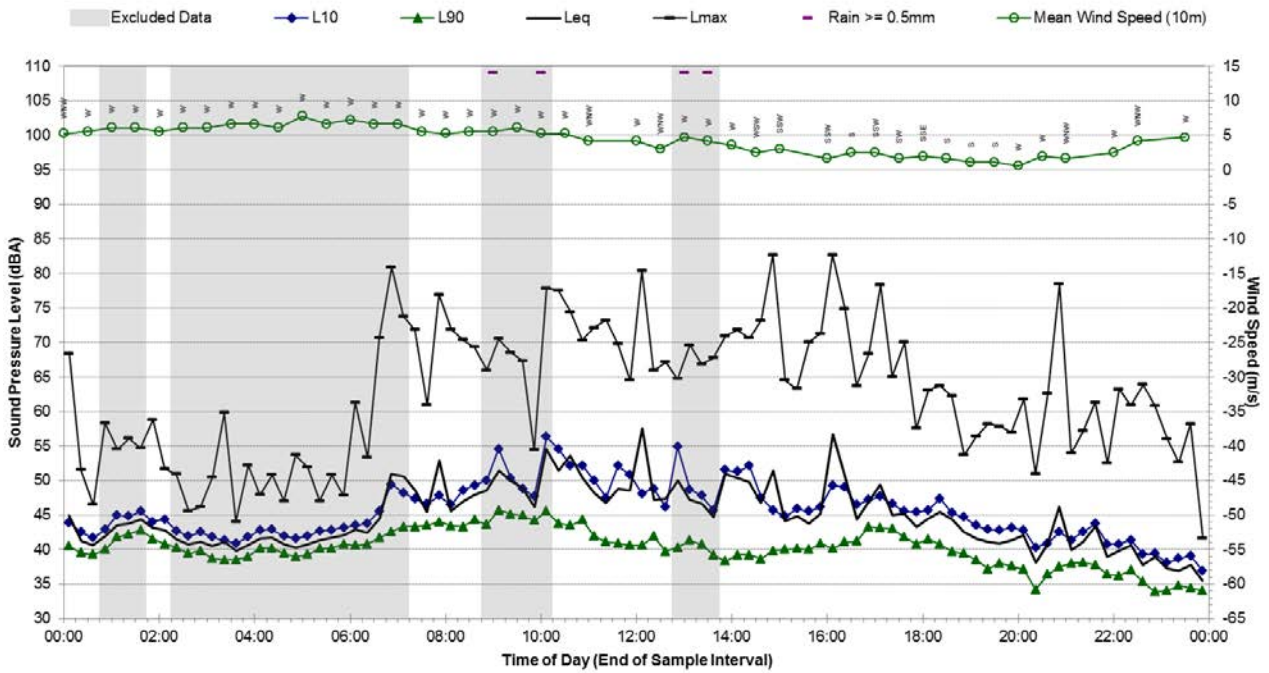


Statistical Ambient Noise Levels

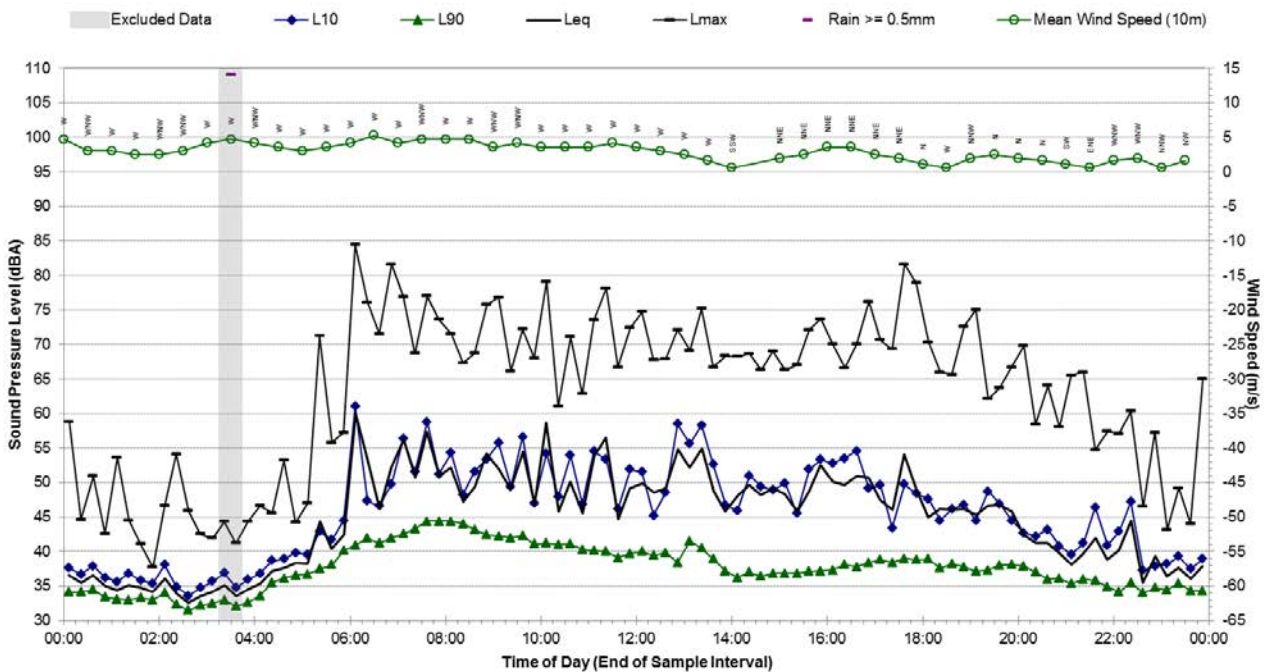
B.15 - Saturday, 20 June 2015



Statistical Ambient Noise Levels B.15 - Sunday, 21 June 2015

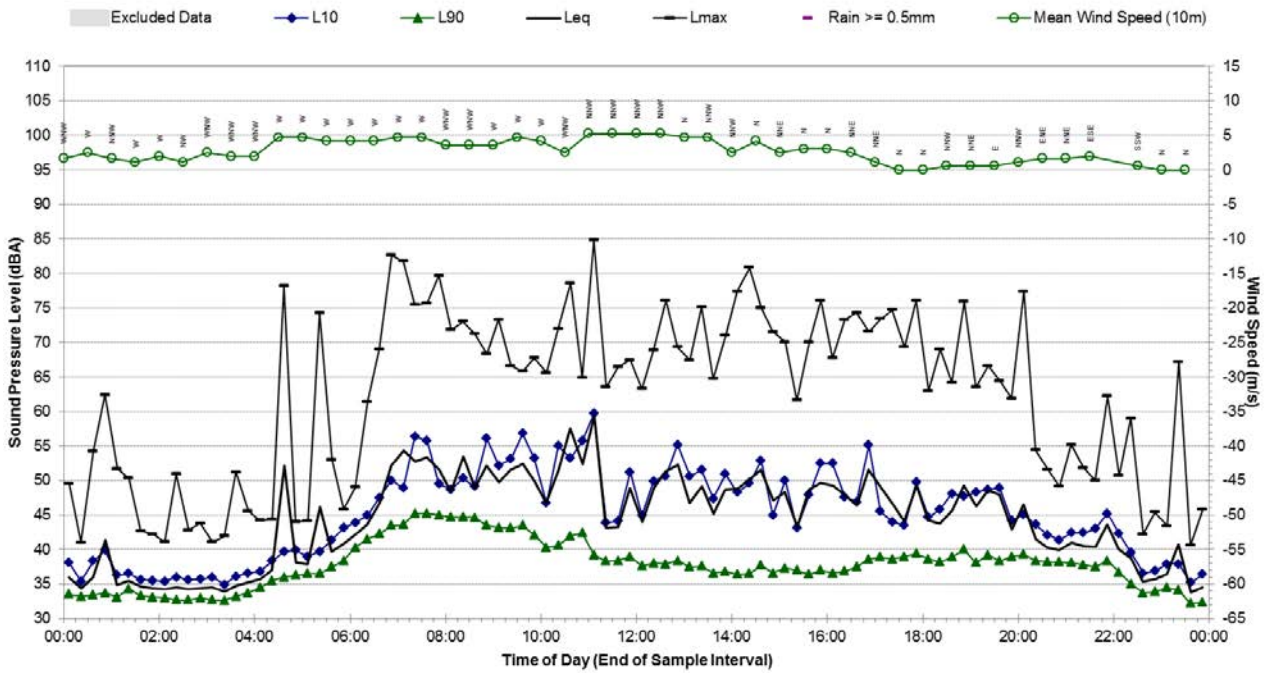


Statistical Ambient Noise Levels B.15 - Monday, 22 June 2015



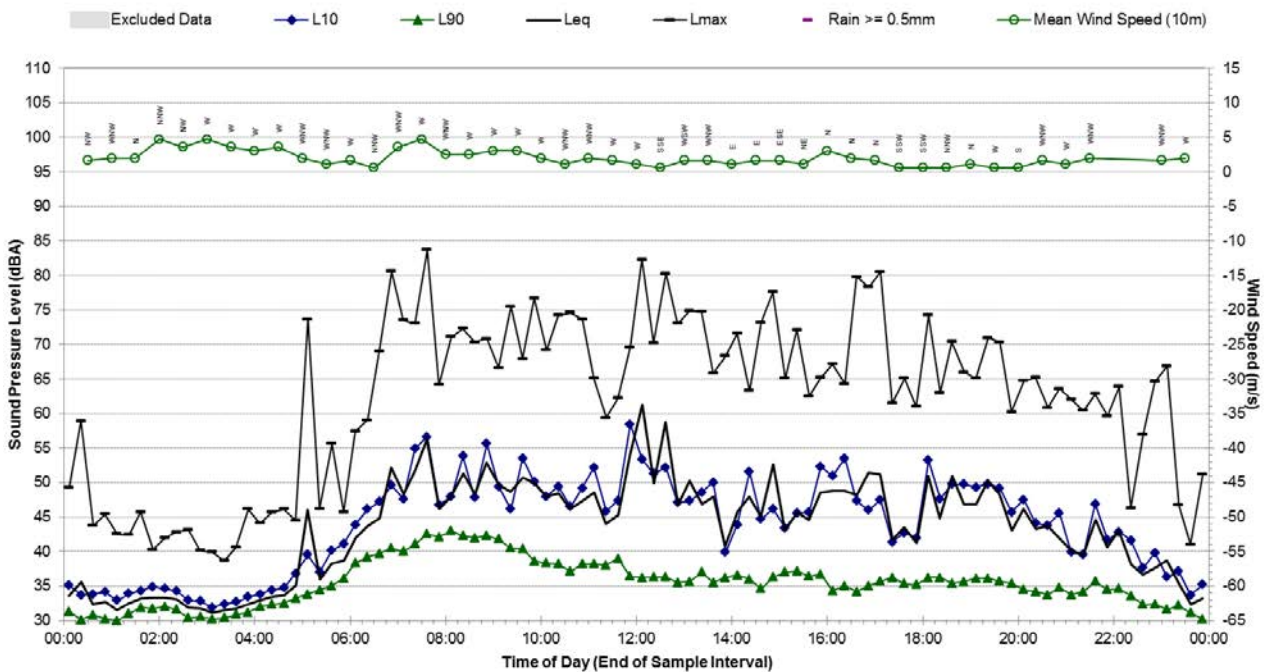
Statistical Ambient Noise Levels

B.15 - Tuesday, 23 June 2015

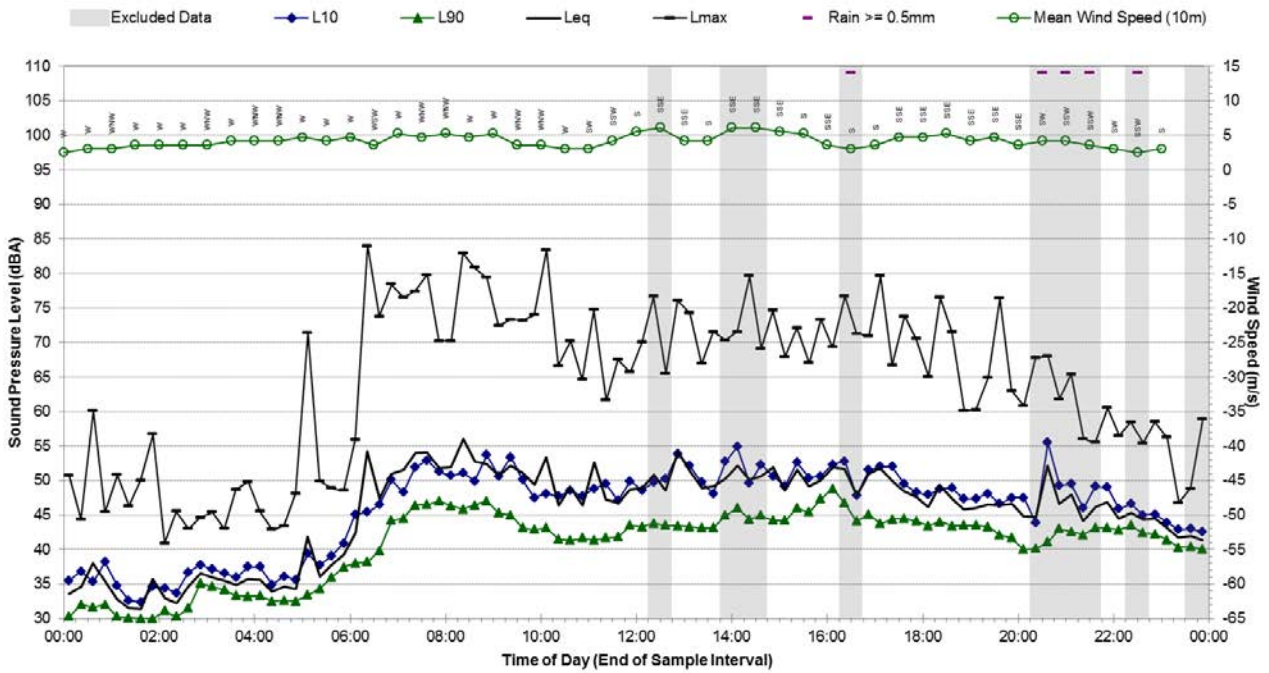


Statistical Ambient Noise Levels

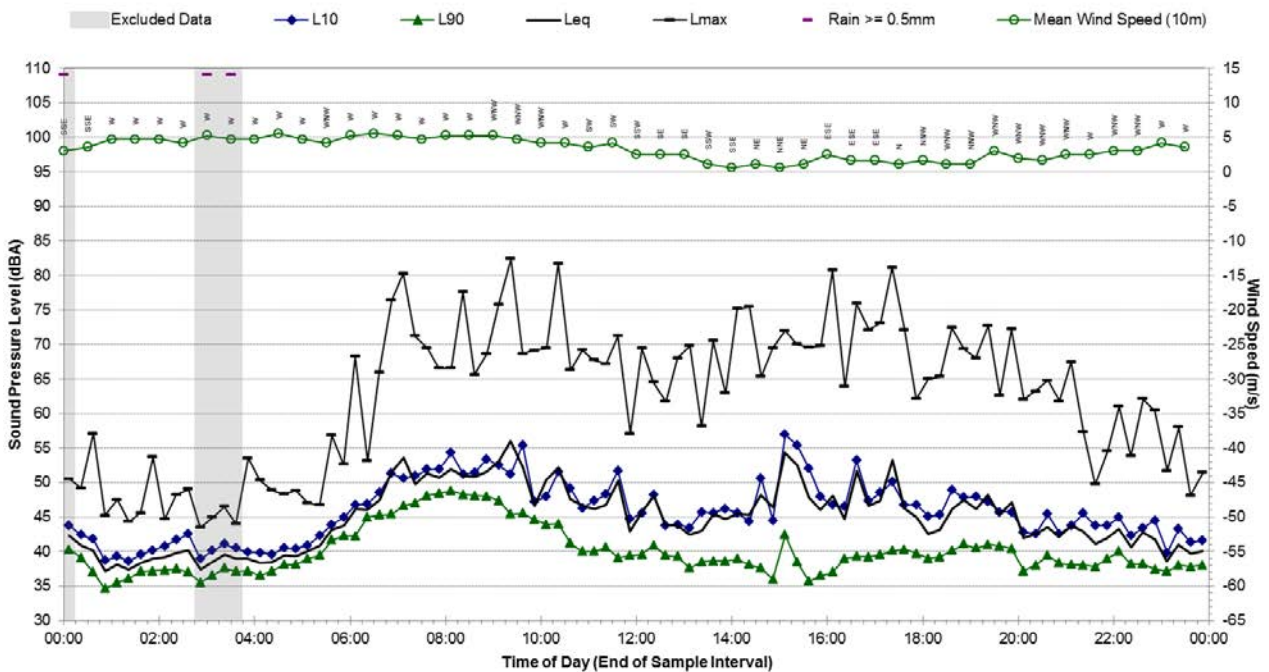
B.15 - Wednesday, 24 June 2015



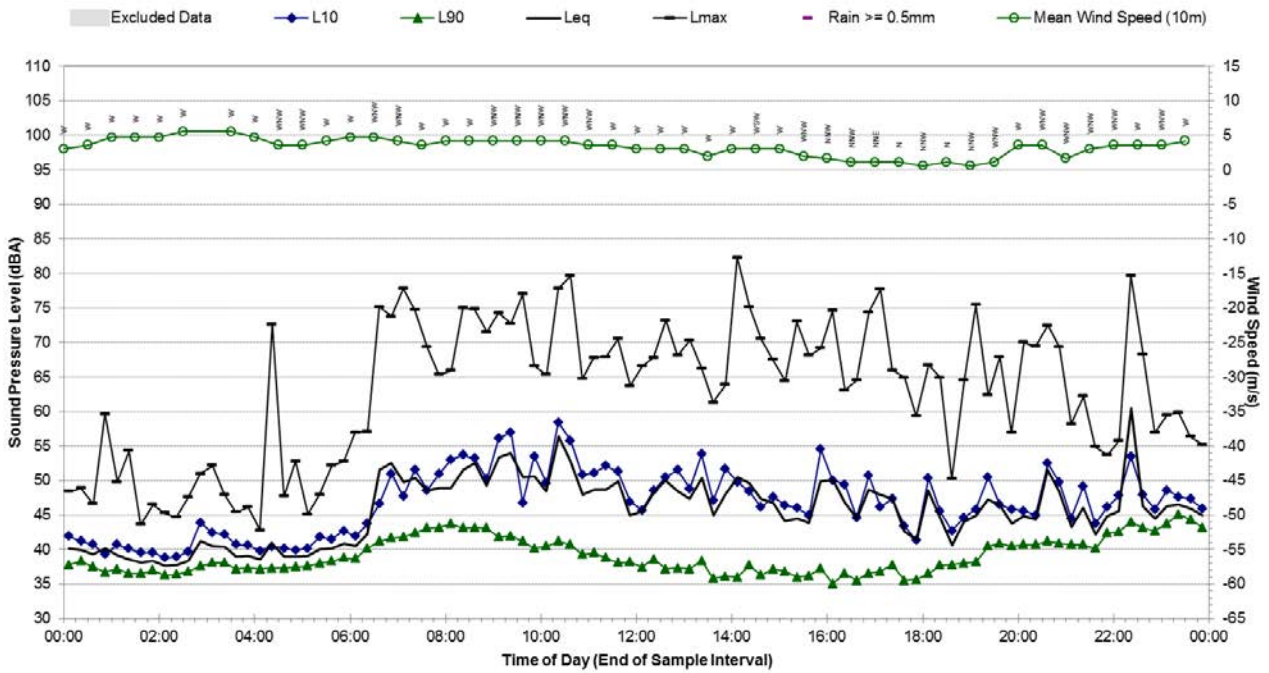
Statistical Ambient Noise Levels B.15 - Thursday, 25 June 2015



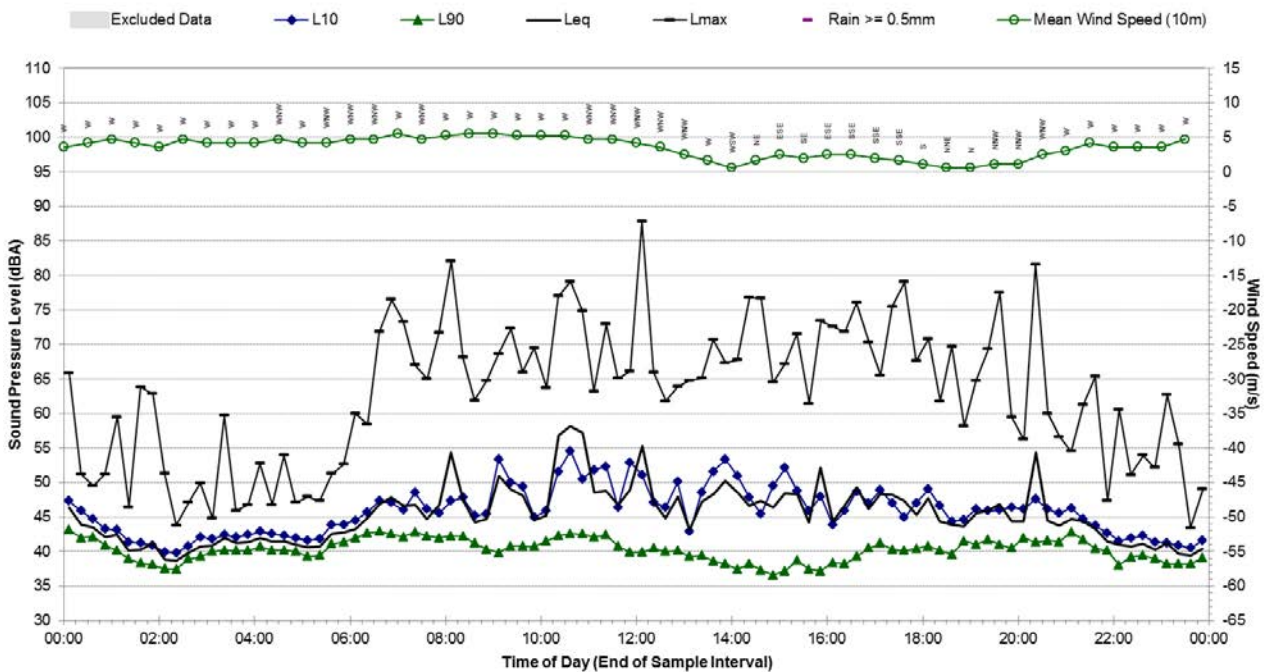
Statistical Ambient Noise Levels B.15 - Friday, 26 June 2015



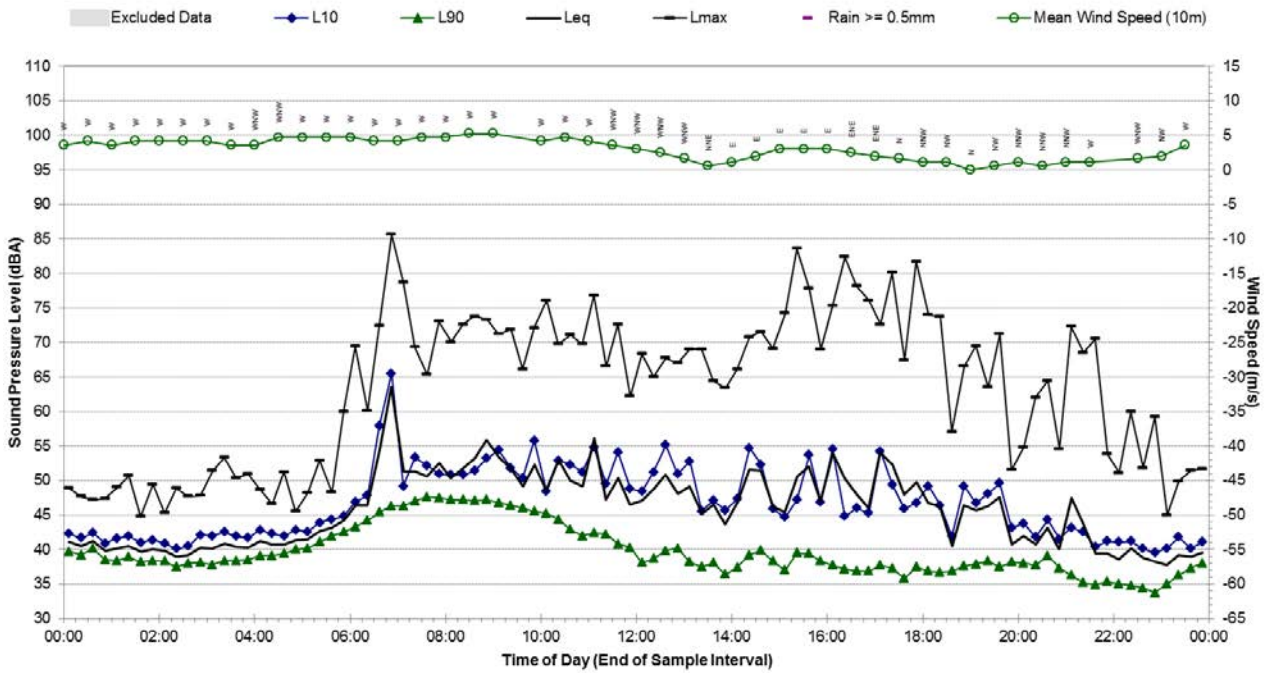
Statistical Ambient Noise Levels B.15 - Saturday, 27 June 2015



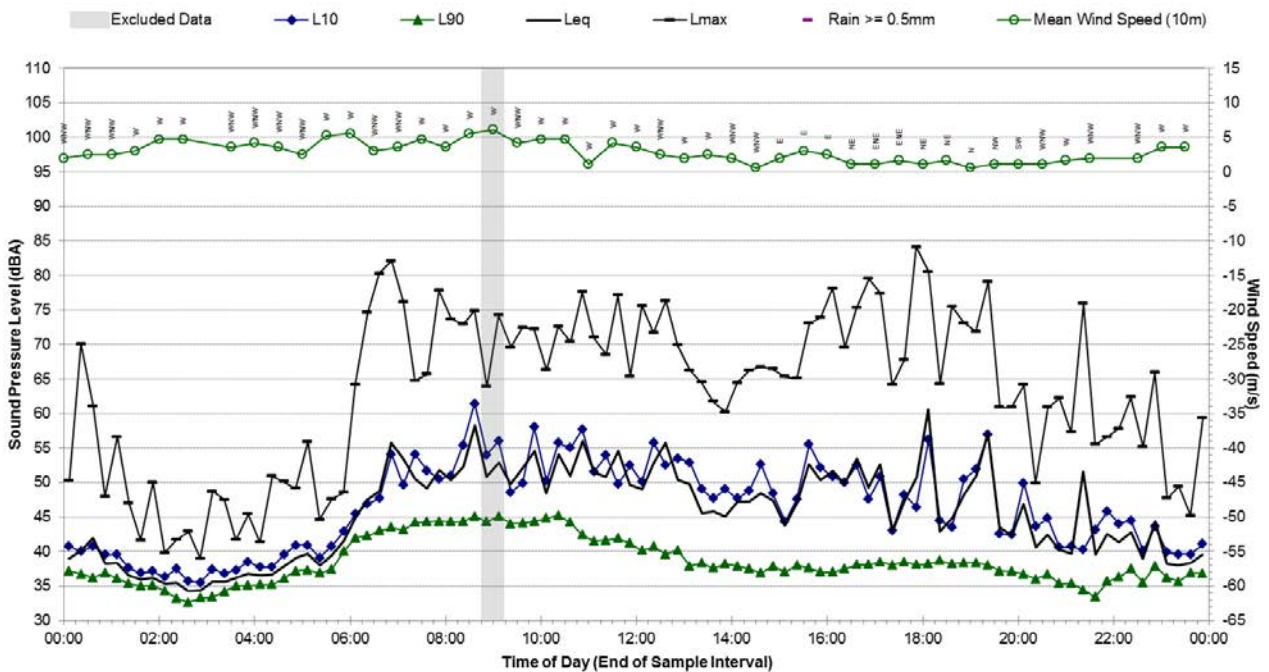
Statistical Ambient Noise Levels B.15 - Sunday, 28 June 2015



Statistical Ambient Noise Levels B.15 - Monday, 29 June 2015

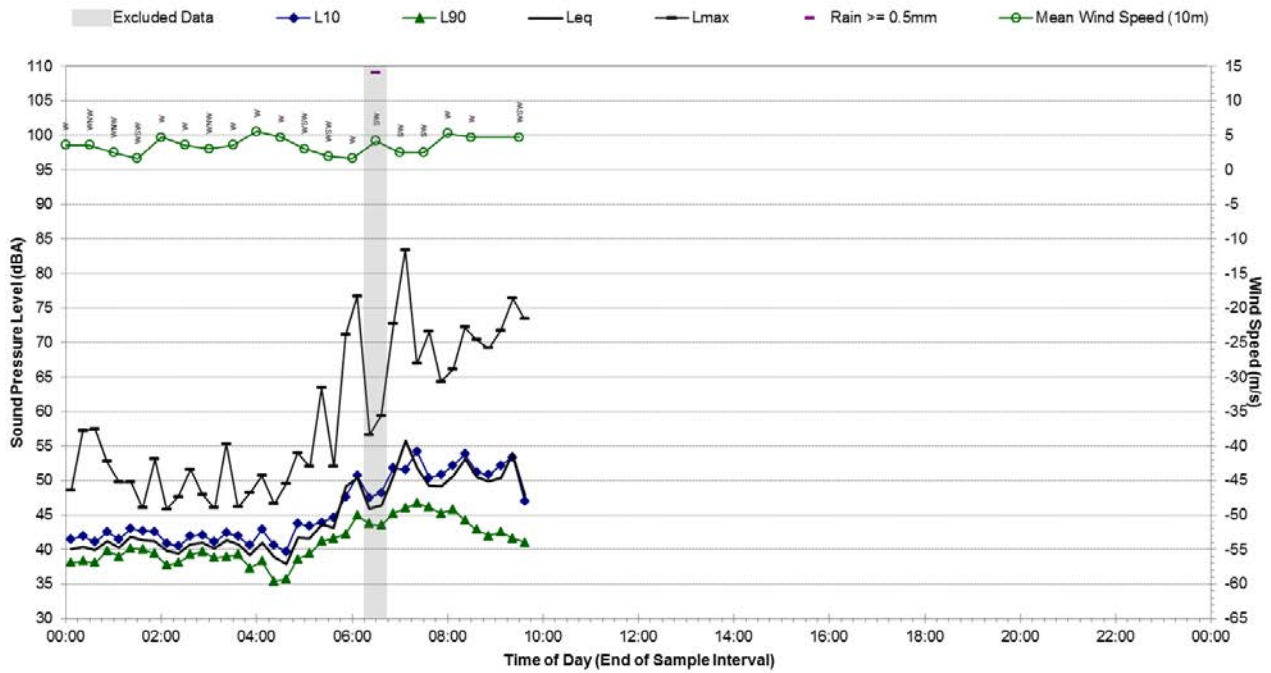


Statistical Ambient Noise Levels B.15 - Tuesday, 30 June 2015



Statistical Ambient Noise Levels

B.15 - Wednesday, 1 July 2015



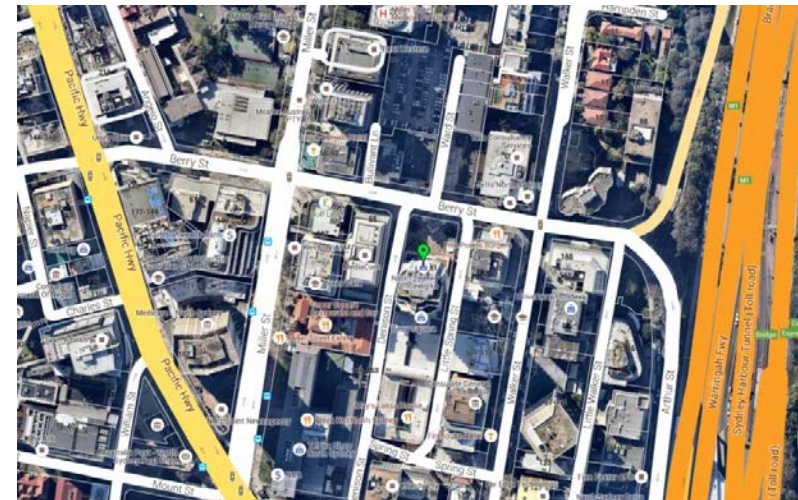
Background Noise Monitoring Results – B.16

Noise Monitoring Location:	B.16	Map of Noise Monitoring Location
Noise Monitoring Address:	Unit 3004 / 77-81 Berry Street, North Sydney 2060	

Logger Device Type: Svantek 957
 Logger Serial No: 20667

Ambient noise logger deployed on the balcony of residential address Unit 3004 / 77-81 Berry Street, North Sydney. Logger located on the northern facade of the building.

Attended noise measurements indicate that the ambient noise environment at this location is dominated by road traffic noise in the general area and an observed “city hum” which is constant in North Sydney.



Ambient Noise Logging Results – INP Defined Time Periods	Photo of Noise Monitoring Location
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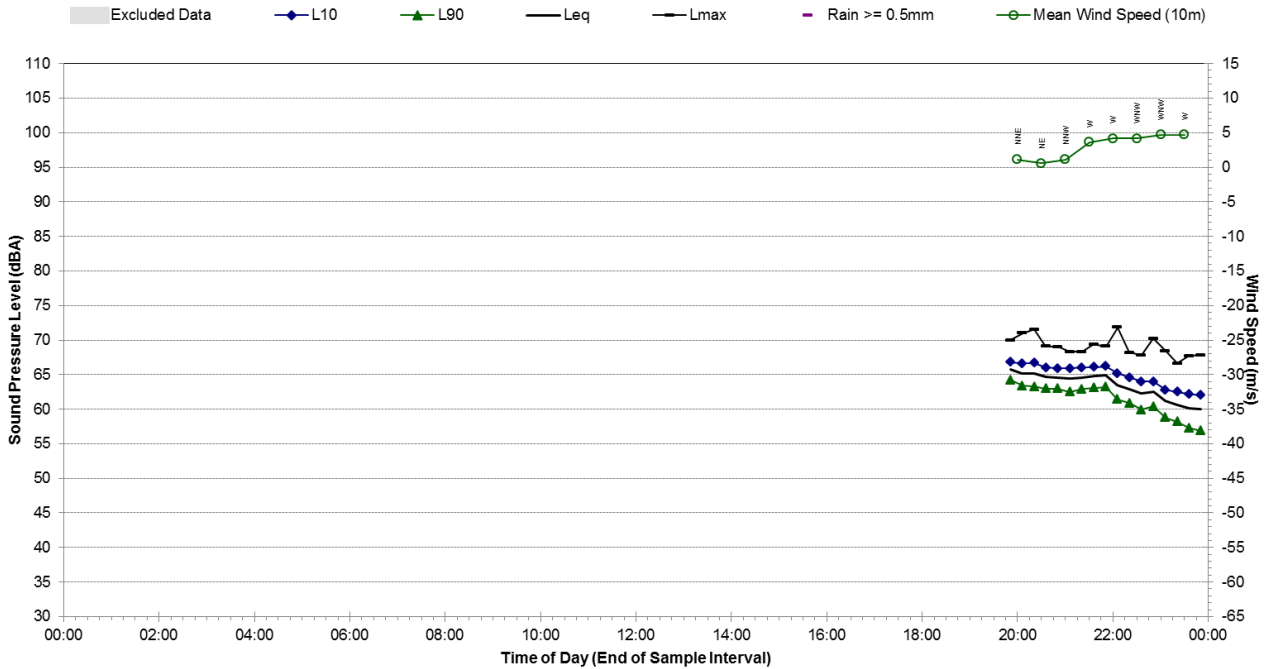
Monitoring Period	Noise Level (dBA)			
	RBL	LAeq	L10	L1
Daytime	65	68	70	72
Evening	63	65	66	68
Night-time	52	62	62	65

Attended Noise Measurement Results				
Date	Start Time	Measured Noise Level (dBA)		
		LA90	LAeq	LAmx
15/09/2015	19:40:21	62	65	69



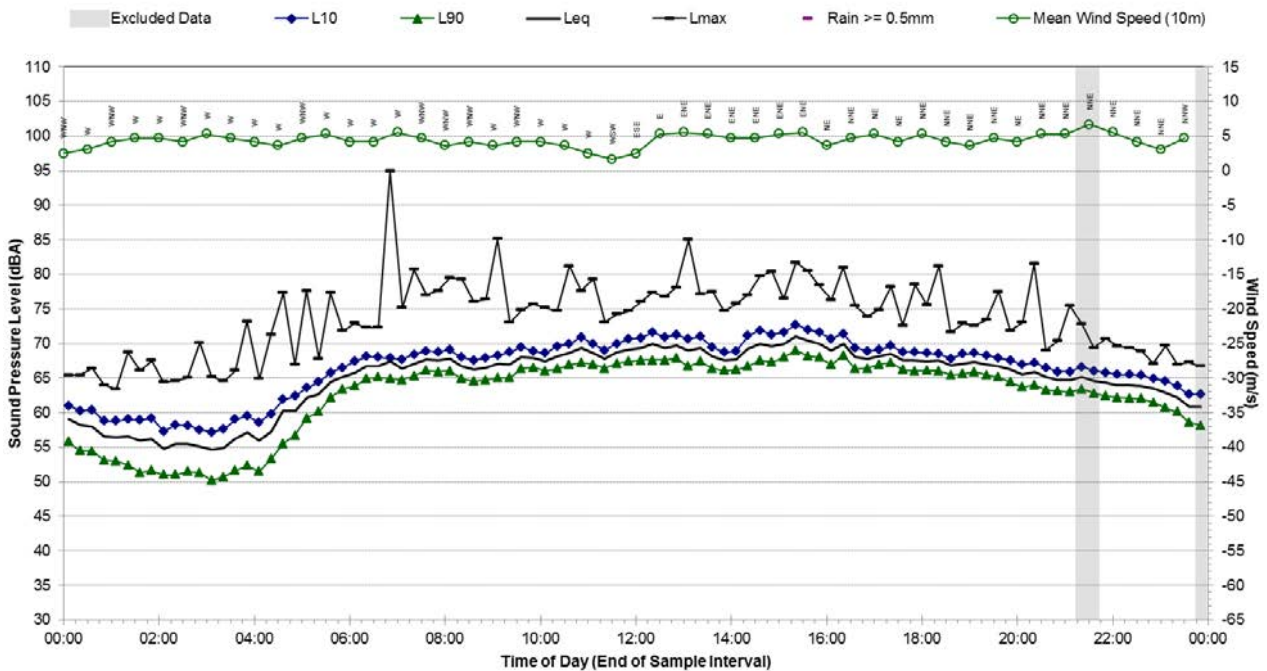
Statistical Ambient Noise Levels

B.16 - Tuesday, 1 September 2015

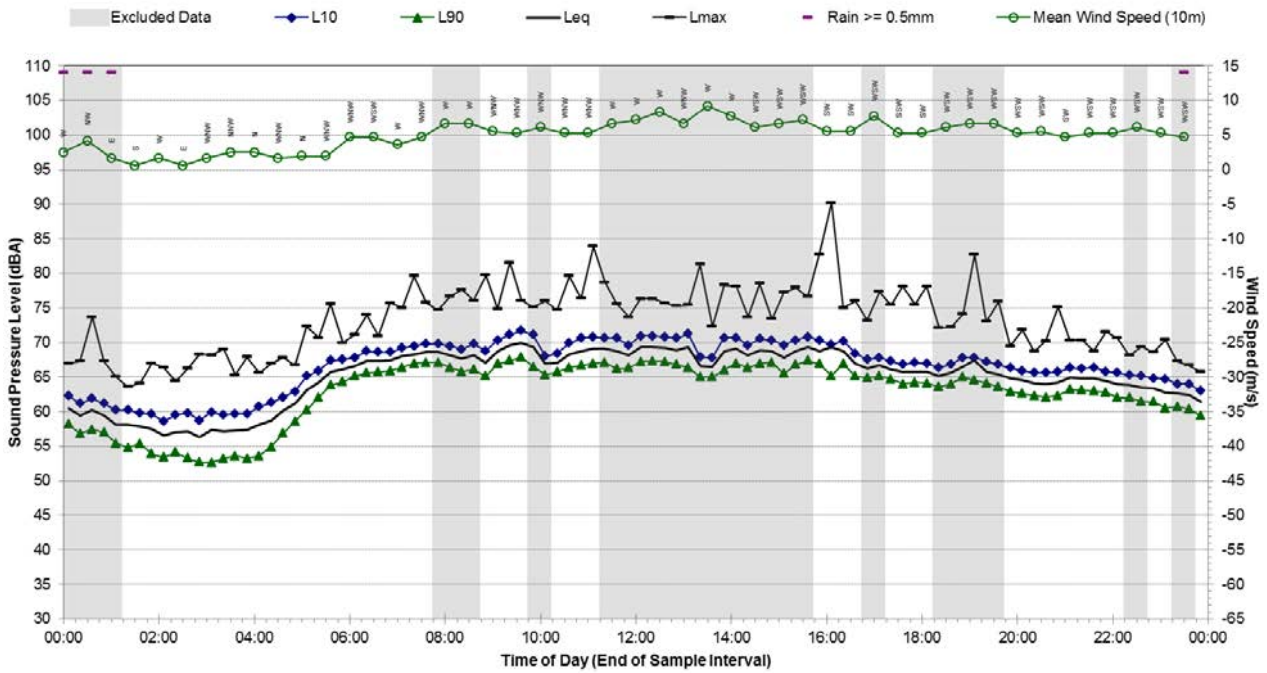


Statistical Ambient Noise Levels

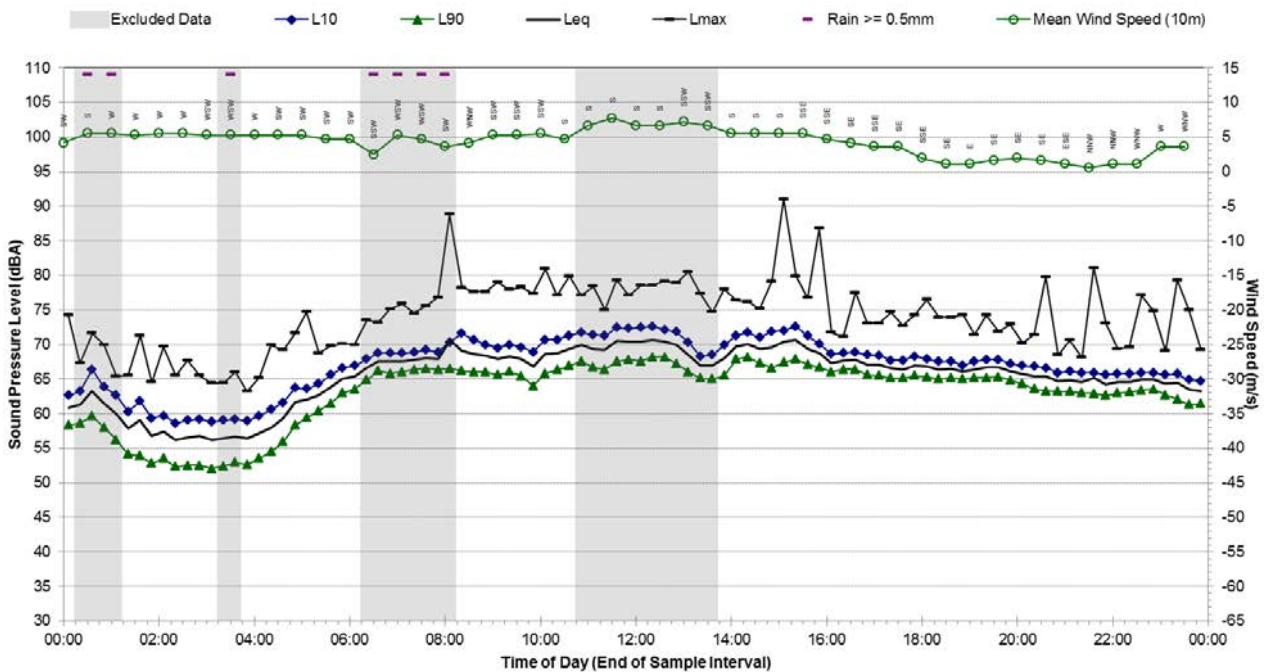
B.16 - Wednesday, 2 September 2015



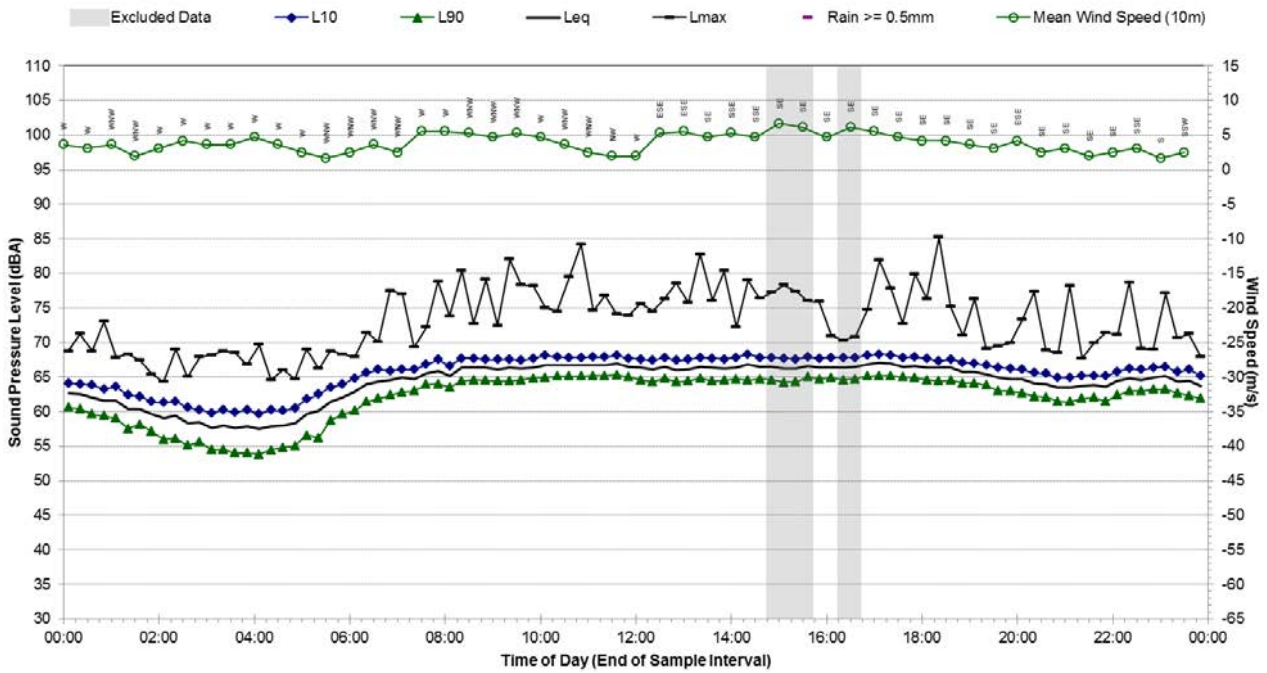
Statistical Ambient Noise Levels B.16 - Thursday, 3 September 2015



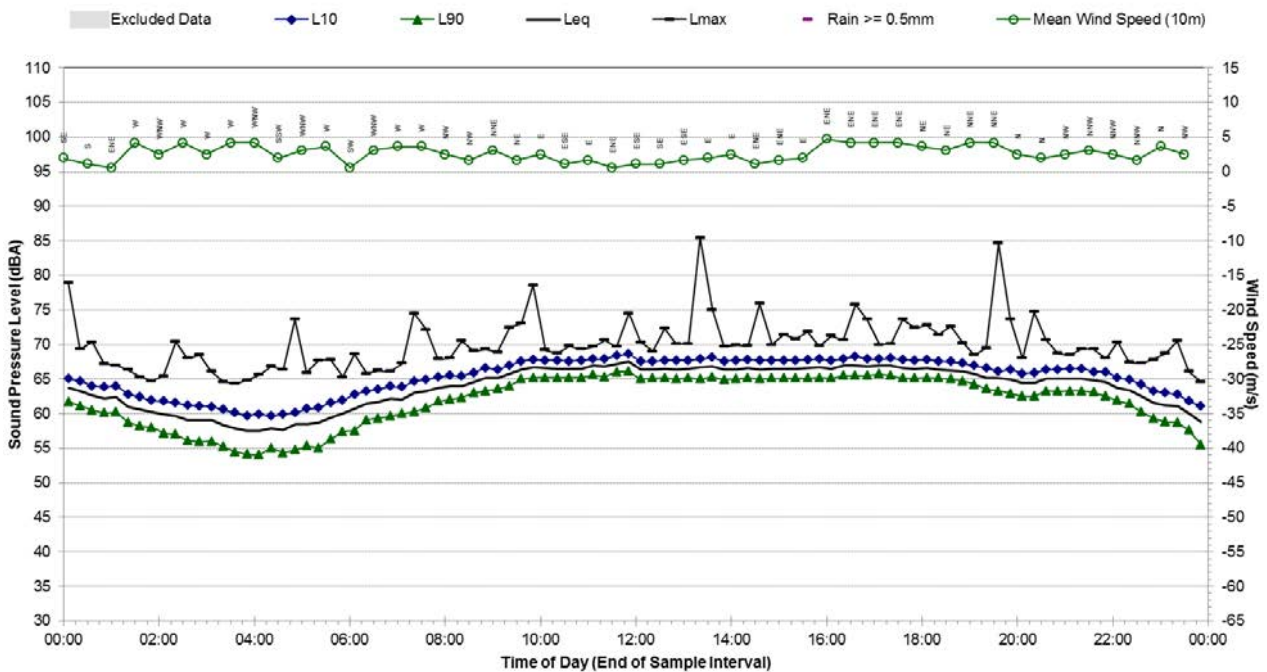
Statistical Ambient Noise Levels B.16 - Friday, 4 September 2015



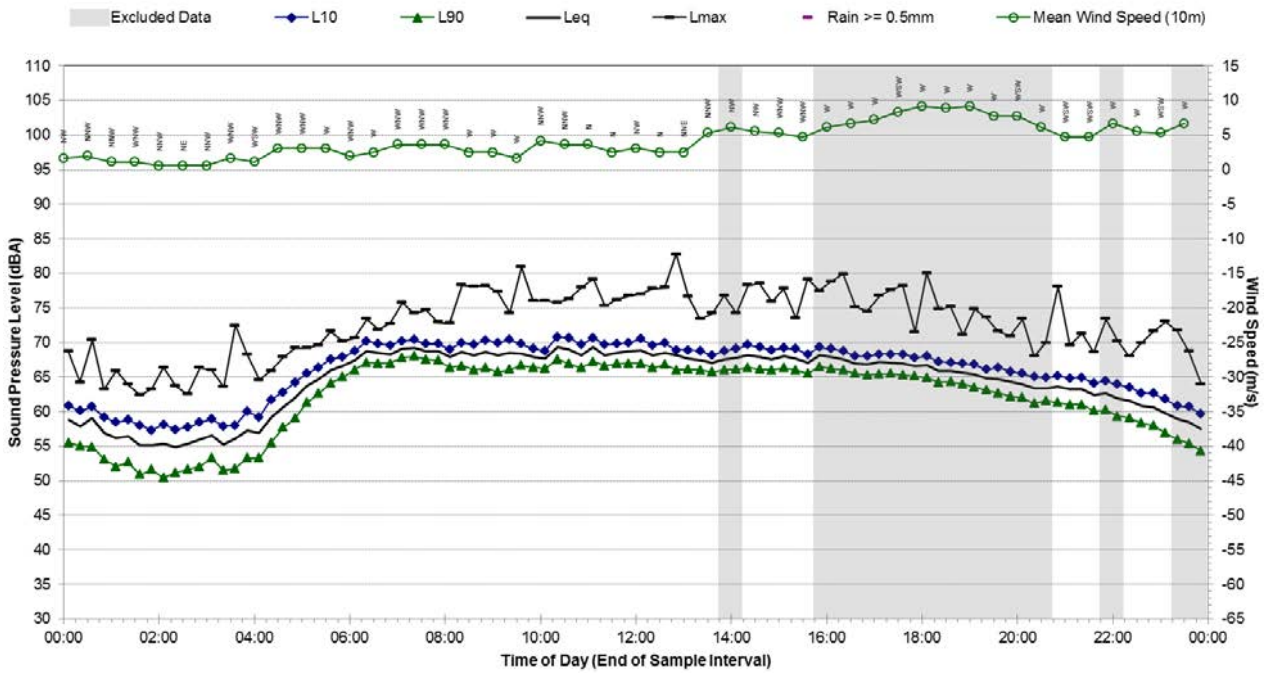
Statistical Ambient Noise Levels B.16 - Saturday, 5 September 2015



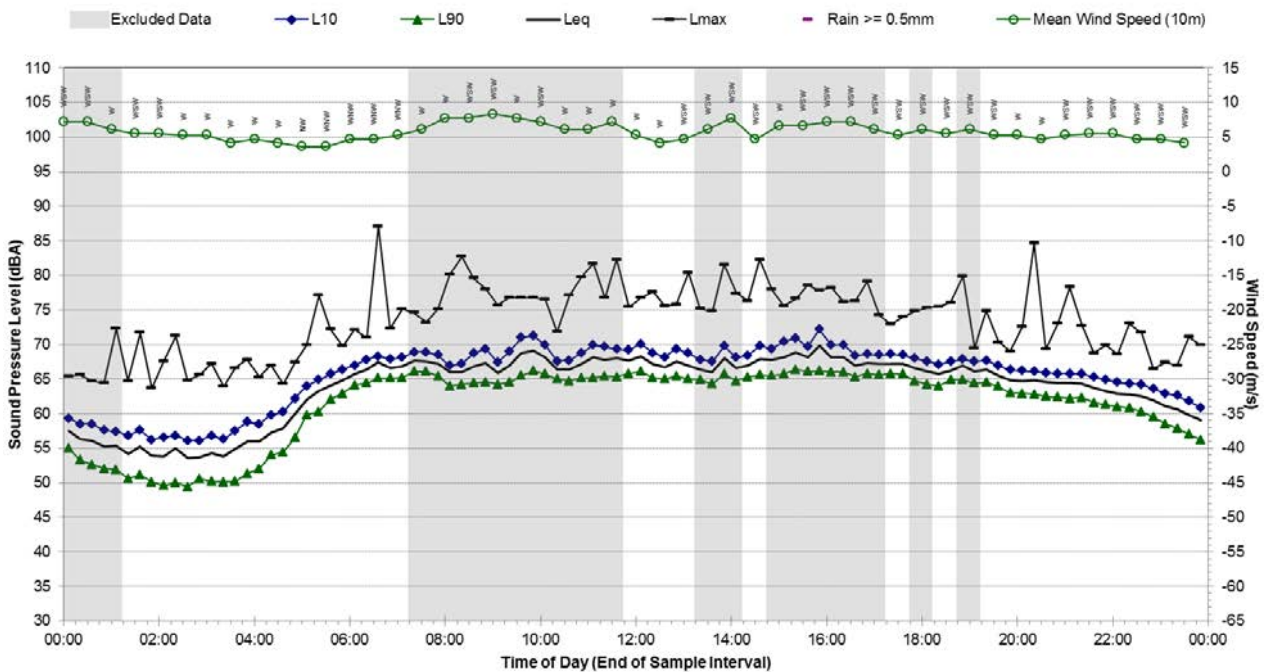
Statistical Ambient Noise Levels B.16 - Sunday, 6 September 2015



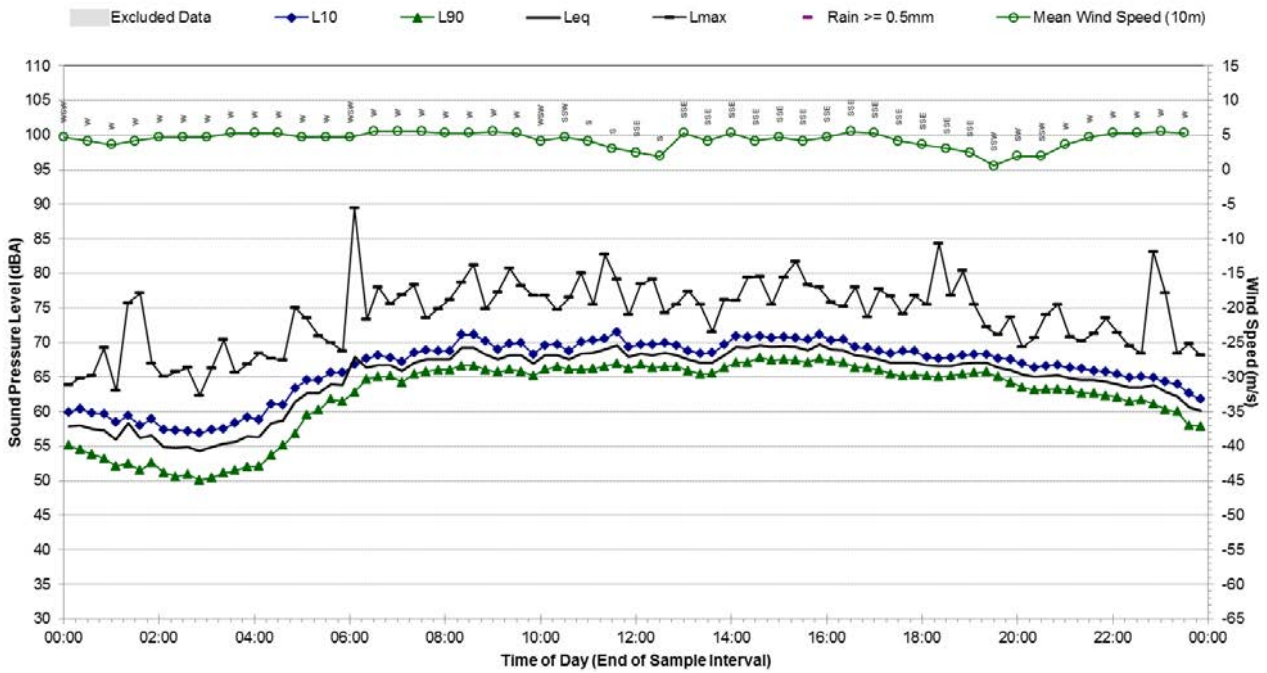
Statistical Ambient Noise Levels B.16 - Monday, 7 September 2015



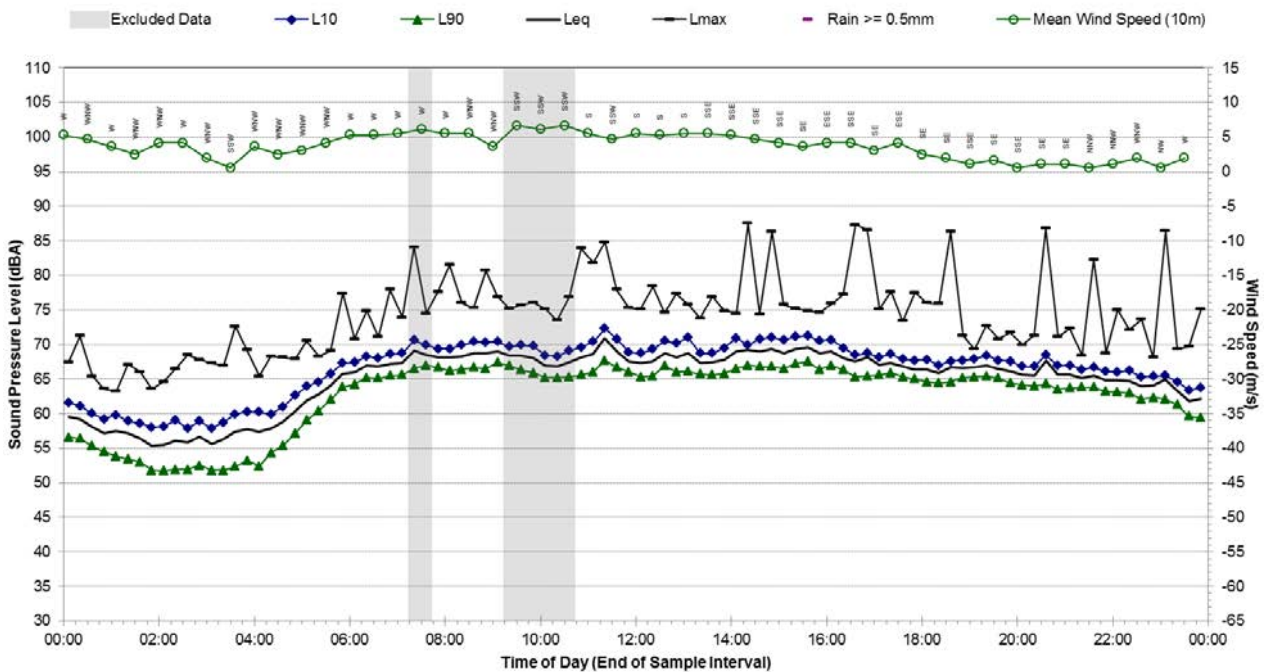
Statistical Ambient Noise Levels B.16 - Tuesday, 8 September 2015



Statistical Ambient Noise Levels
B.16 - Wednesday, 9 September 2015

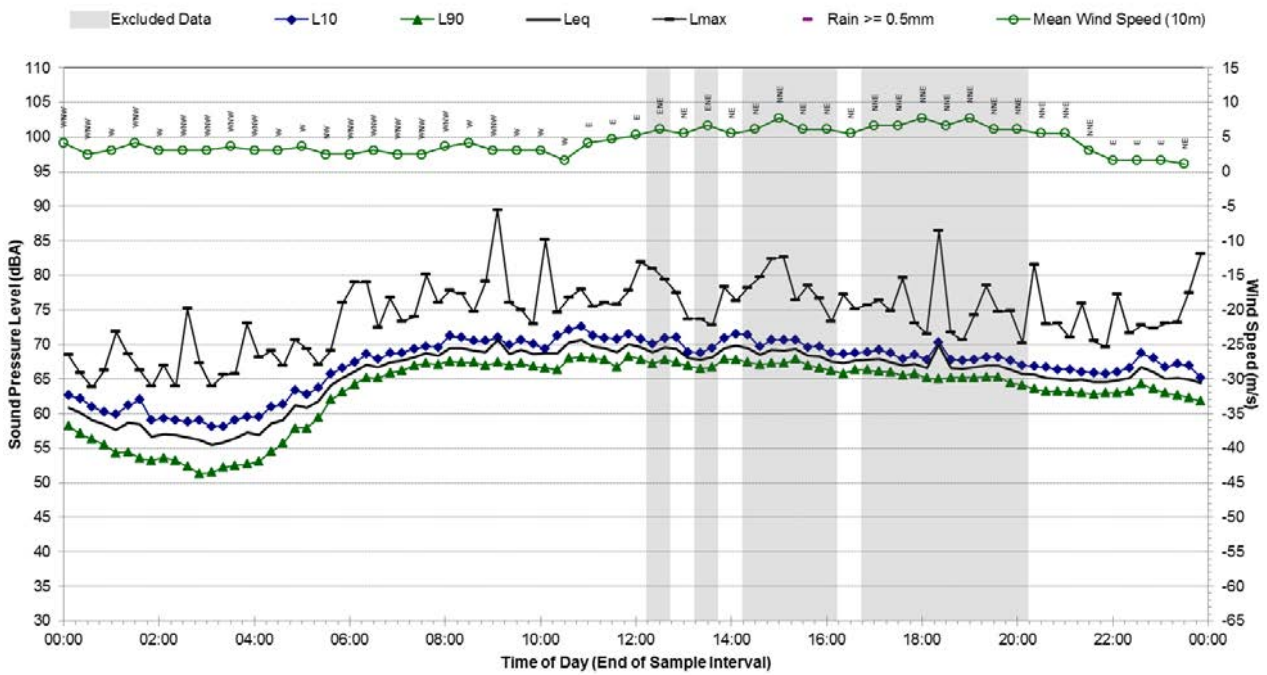


Statistical Ambient Noise Levels
B.16 - Thursday, 10 September 2015



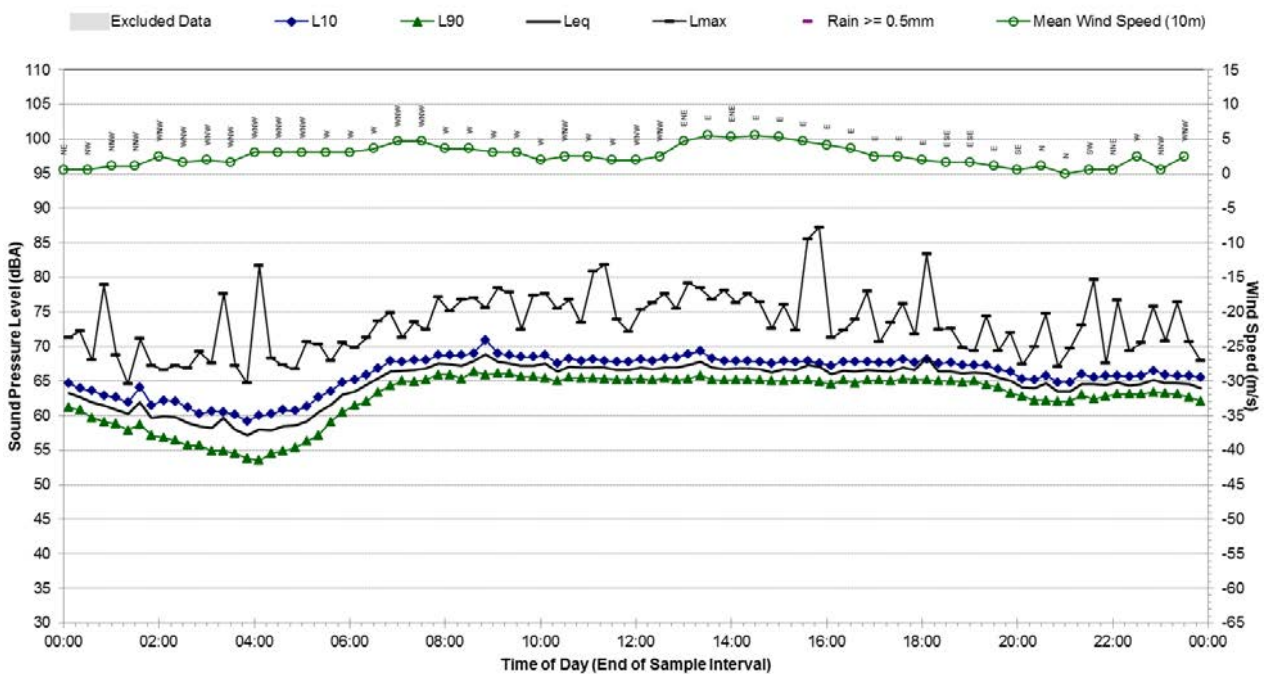
Statistical Ambient Noise Levels

B.16 - Friday, 11 September 2015



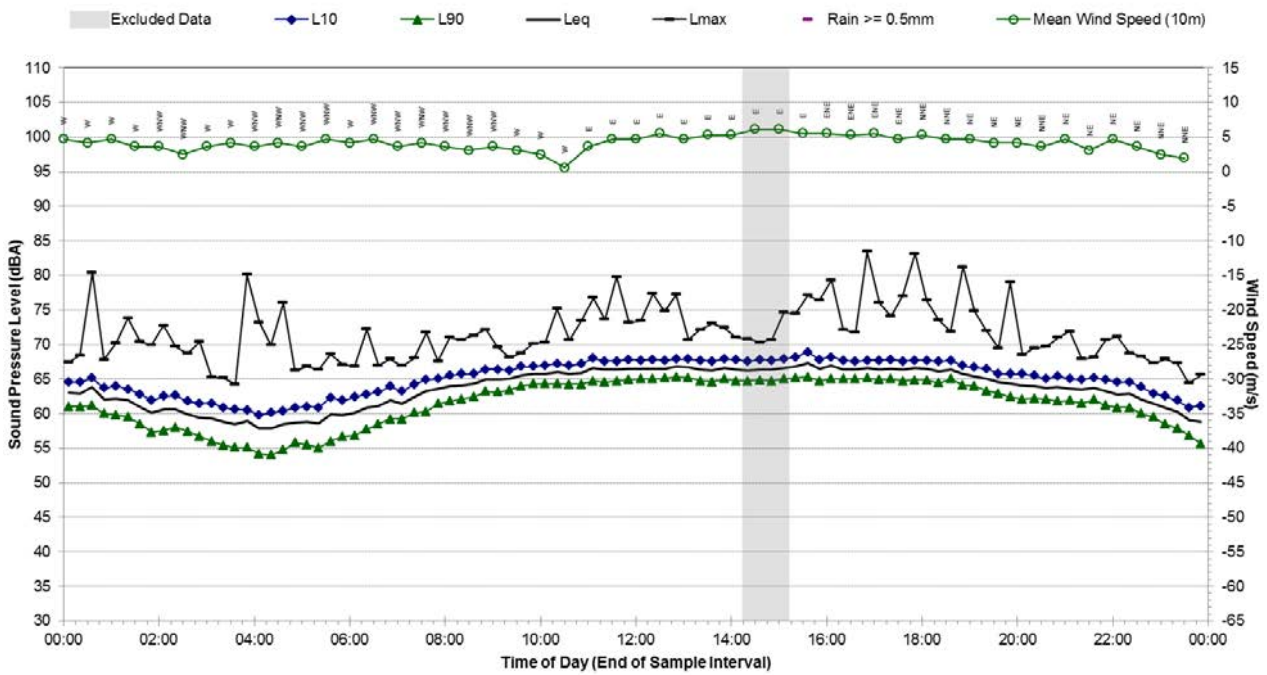
Statistical Ambient Noise Levels

B.16 - Saturday, 12 September 2015



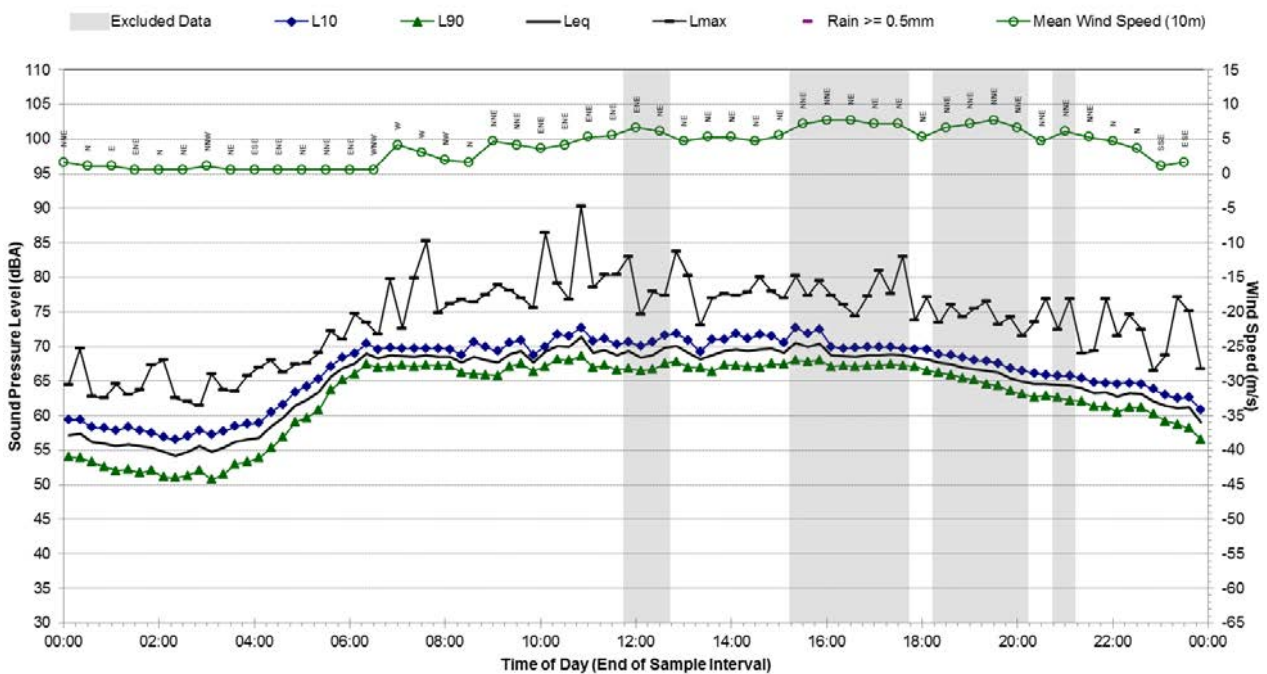
Statistical Ambient Noise Levels

B.16 - Sunday, 13 September 2015

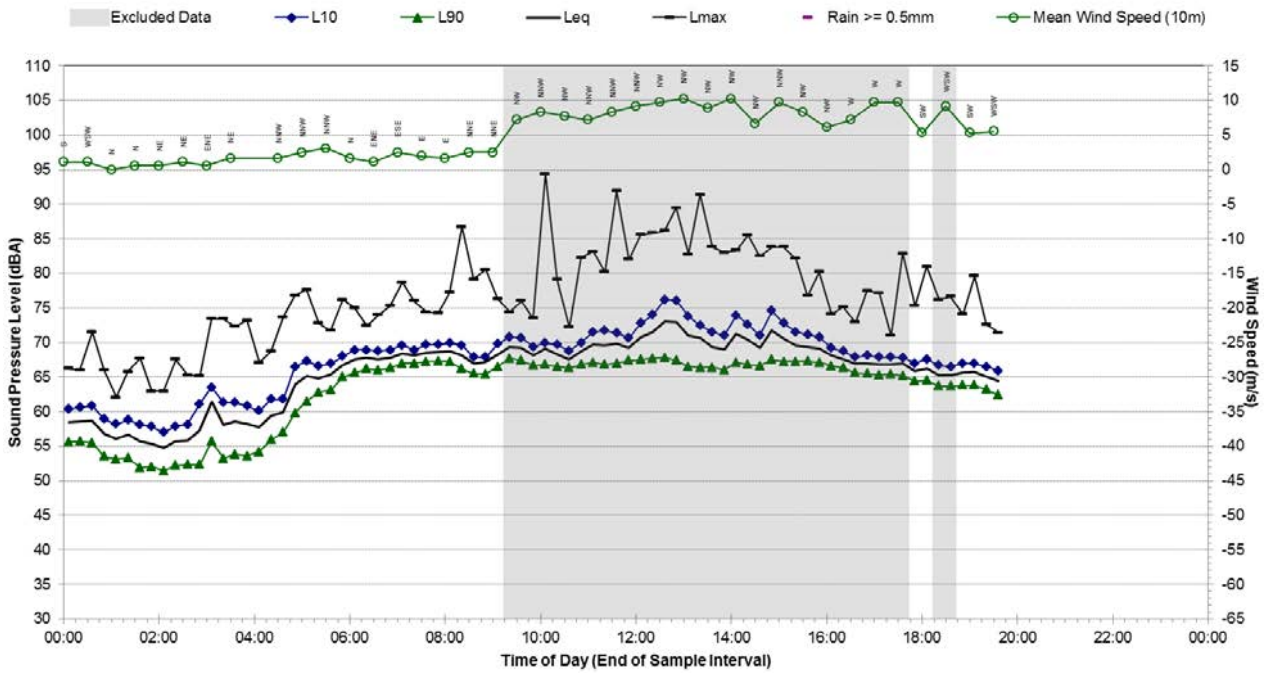


Statistical Ambient Noise Levels

B.16 - Monday, 14 September 2015



Statistical Ambient Noise Levels
B.16 - Tuesday, 15 September 2015



Background Noise Monitoring Results – B.17

Noise Monitoring Location:	B.17
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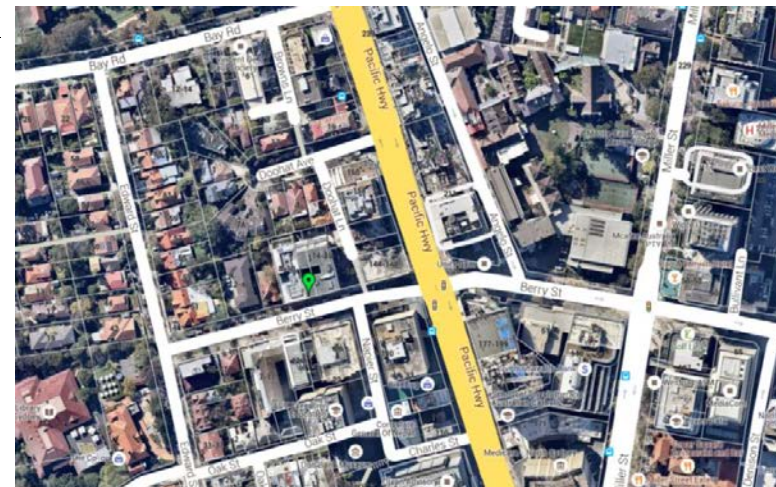
Noise Monitoring Address:	12-16 Berry Street, North Sydney 2060
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Logger Device Type: Svantek 957
 Logger Serial No: 23241

Ambient noise logger deployed on the roof of 12-16 Berry Street, North Sydney. Logger located on the southern facade with noise catchment over Berry Street below.

Attended noise measurements indicate that the ambient noise environment at this location is dominated by road traffic noise from Pacific Highway and Berry Street. Surrounding mechanical plant contributed to the LA90 (background) levels throughout as well as the observed “city hum” which is constant in North Sydney.

Map of Noise Monitoring Location



Ambient Noise Logging Results – INP Defined Time Periods	Photo of Noise Monitoring Location
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Monitoring Period	Noise Level (dBA)			
	RBL	LAeq	L10	L1
Daytime	55	61	62	67
Evening	50	55	57	61
Night-time	44	51	52	56

Photo of Noise Monitoring Location

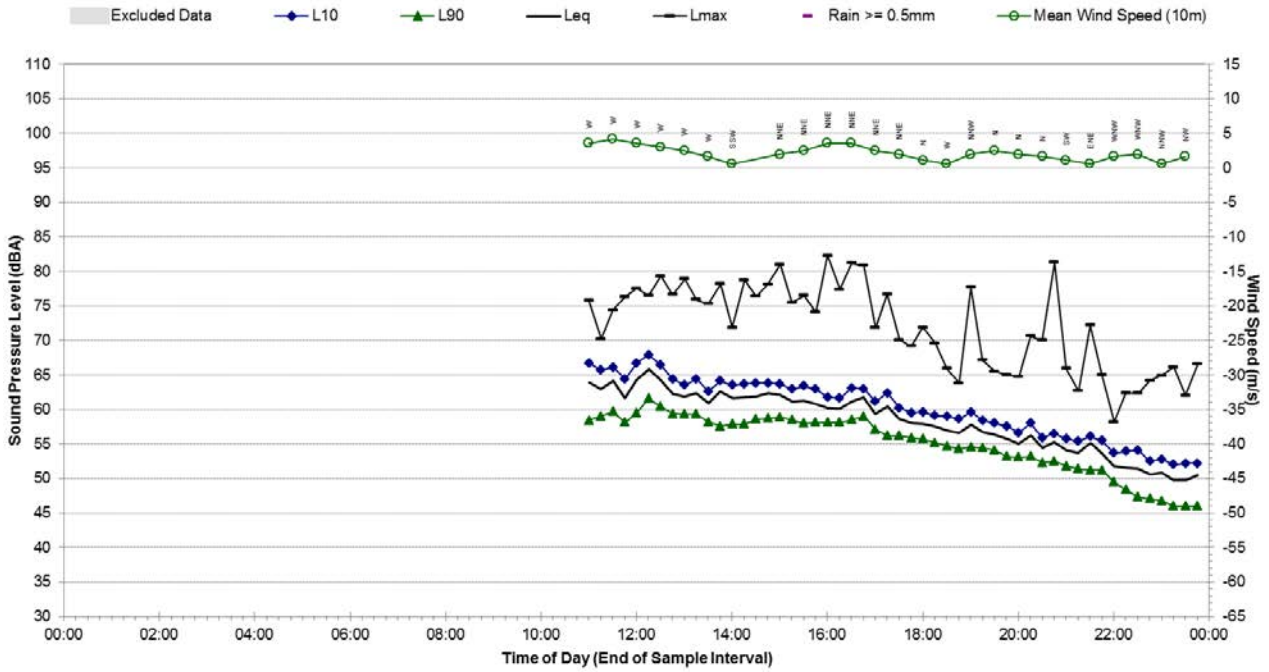


Attended Noise Measurement Results				
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Date	Start Time	Measured Noise Level (dBA)		
		LA90	LAeq	LAmx
22/06/2015	10:38:43	58	61	74

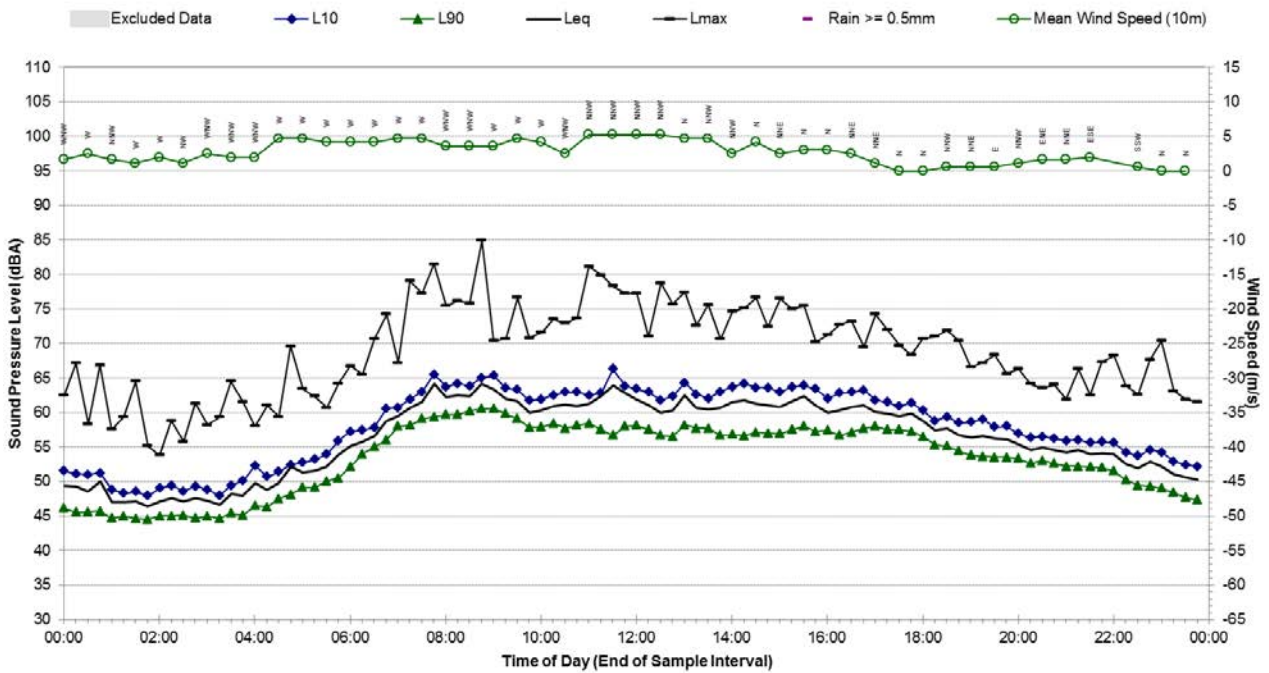
Statistical Ambient Noise Levels

B.17 - Monday, 22 June 2015



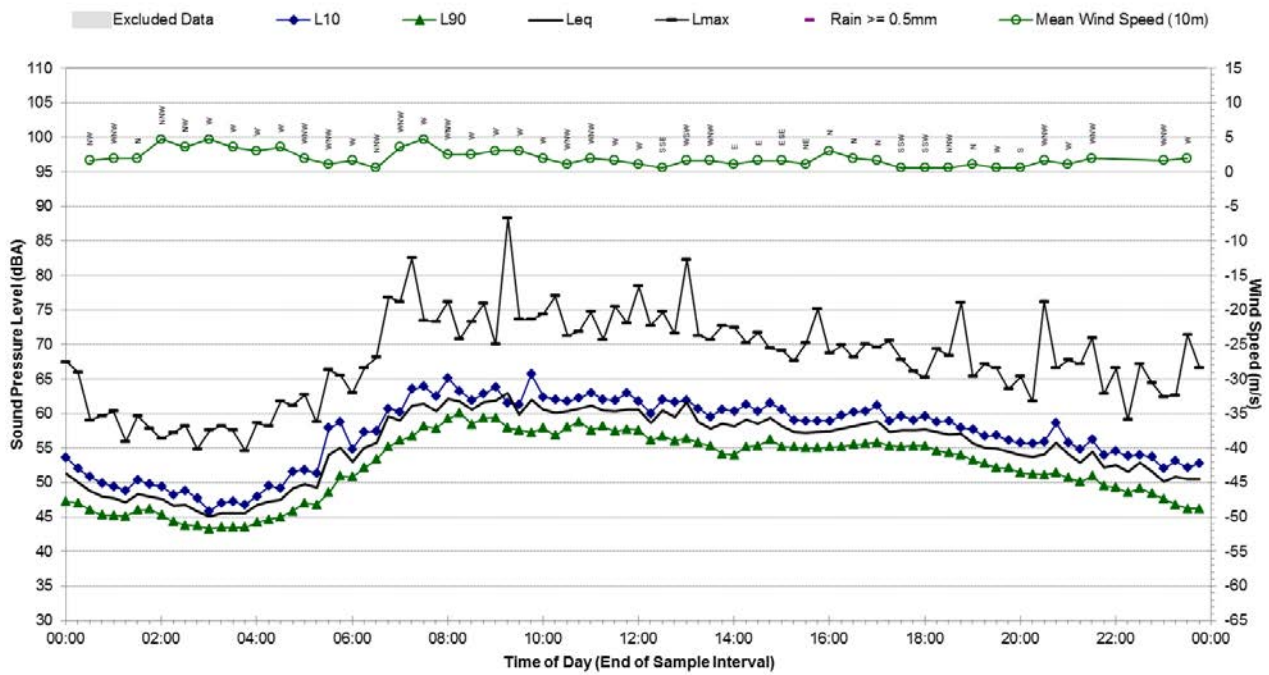
Statistical Ambient Noise Levels

B.17 - Tuesday, 23 June 2015



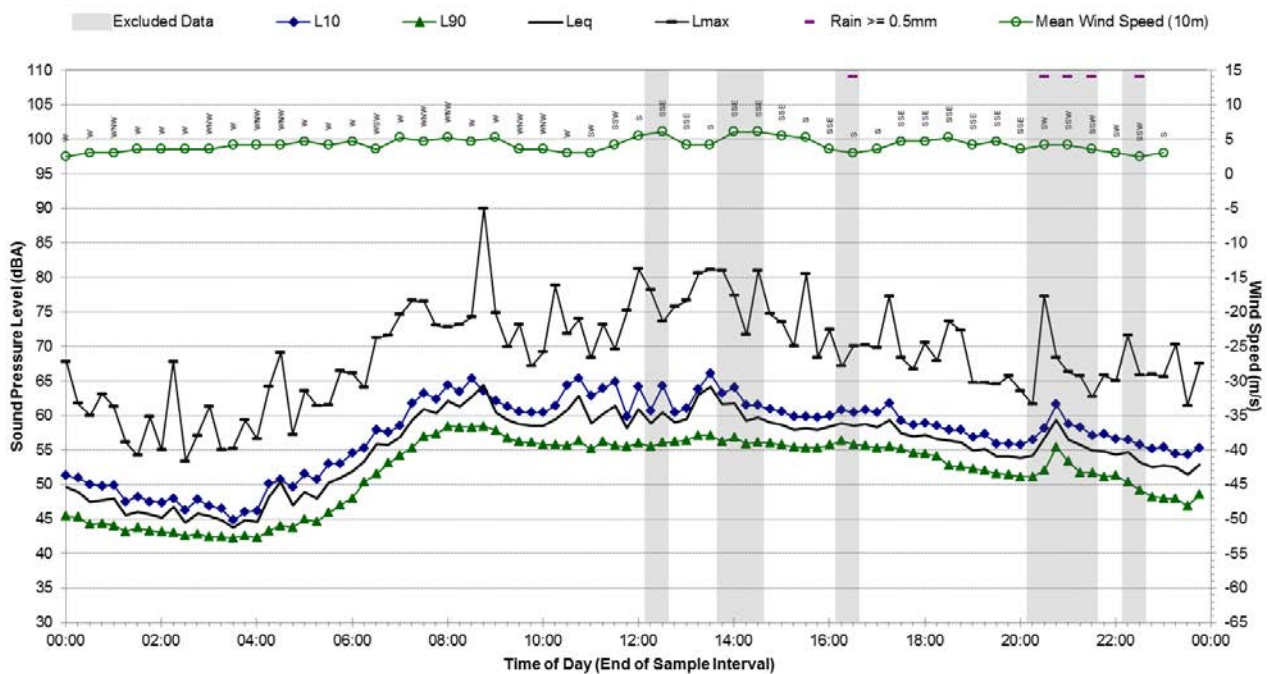
Statistical Ambient Noise Levels

B.17 - Wednesday, 24 June 2015

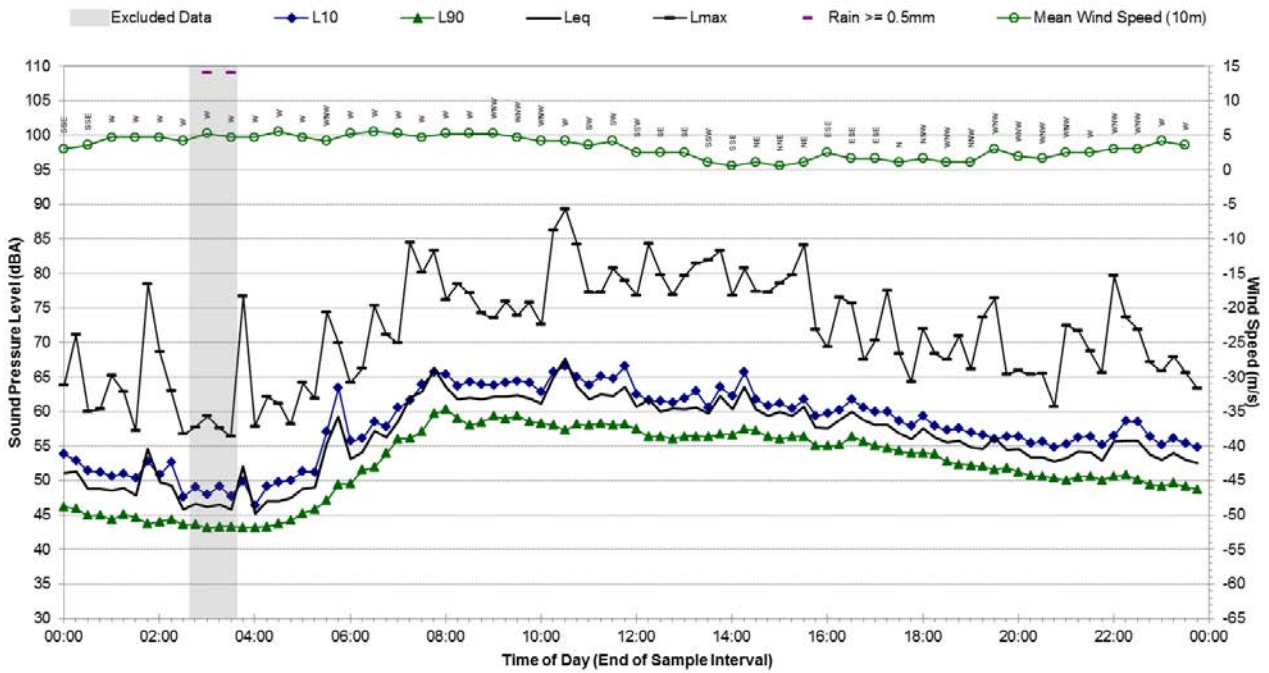


Statistical Ambient Noise Levels

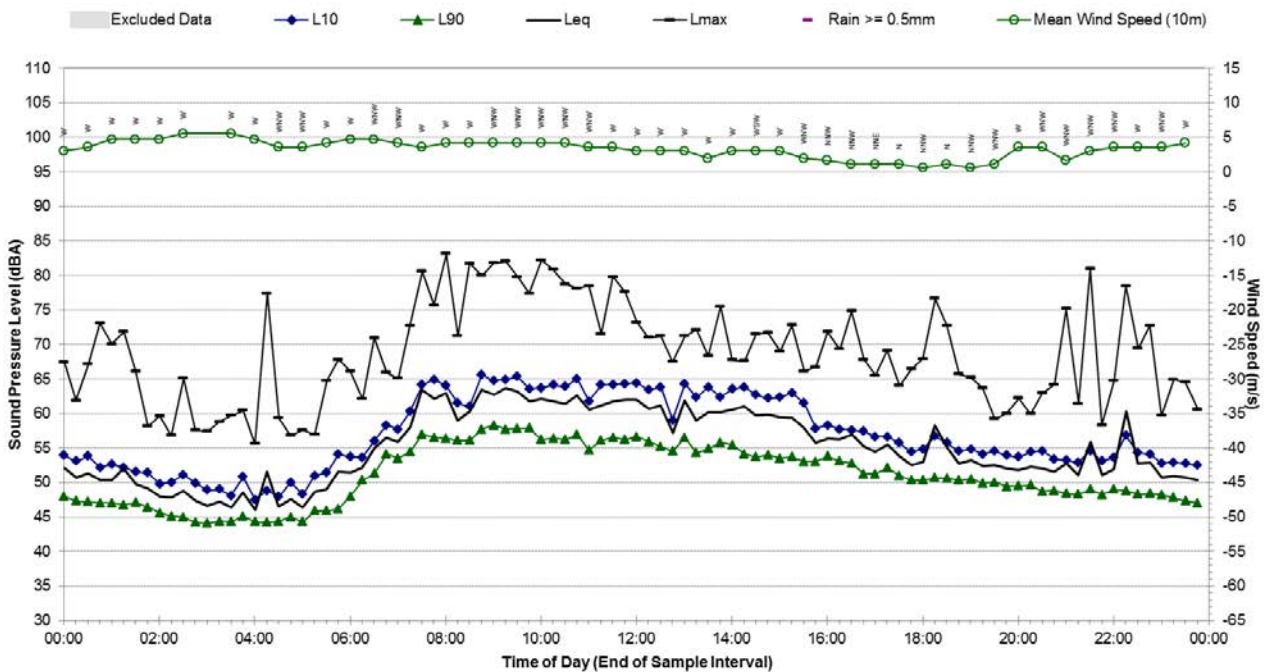
B.17 - Thursday, 25 June 2015



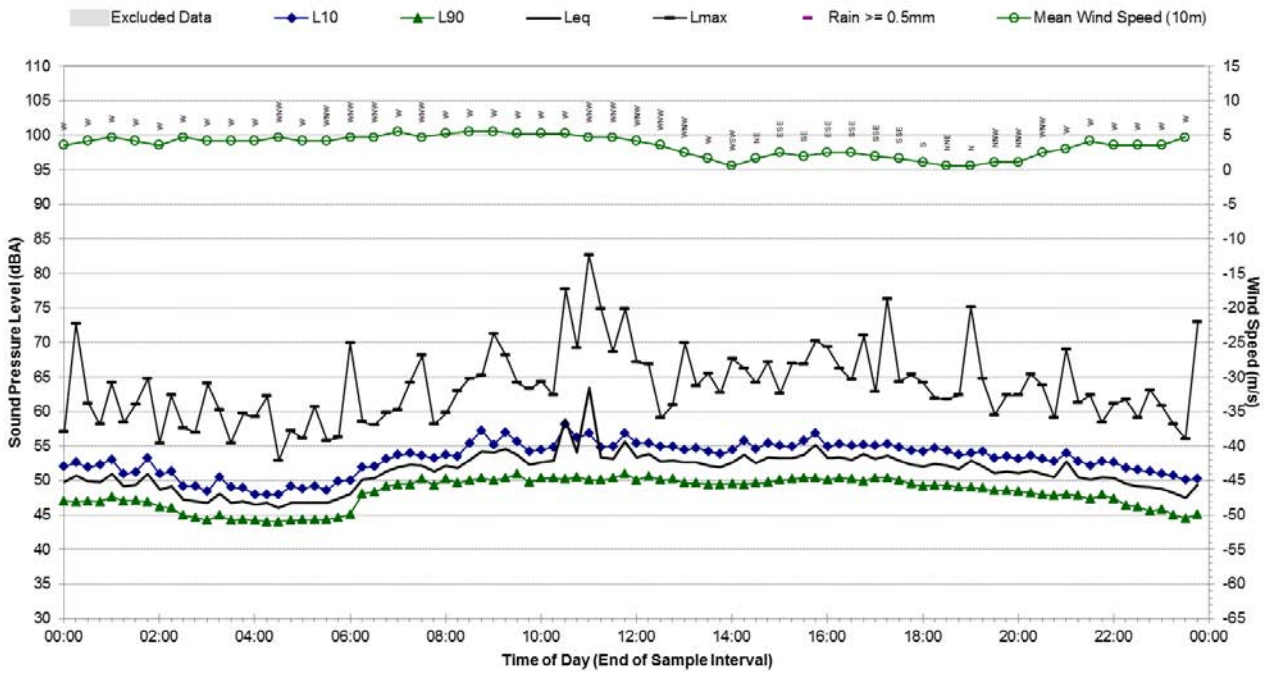
Statistical Ambient Noise Levels B.17 - Friday, 26 June 2015



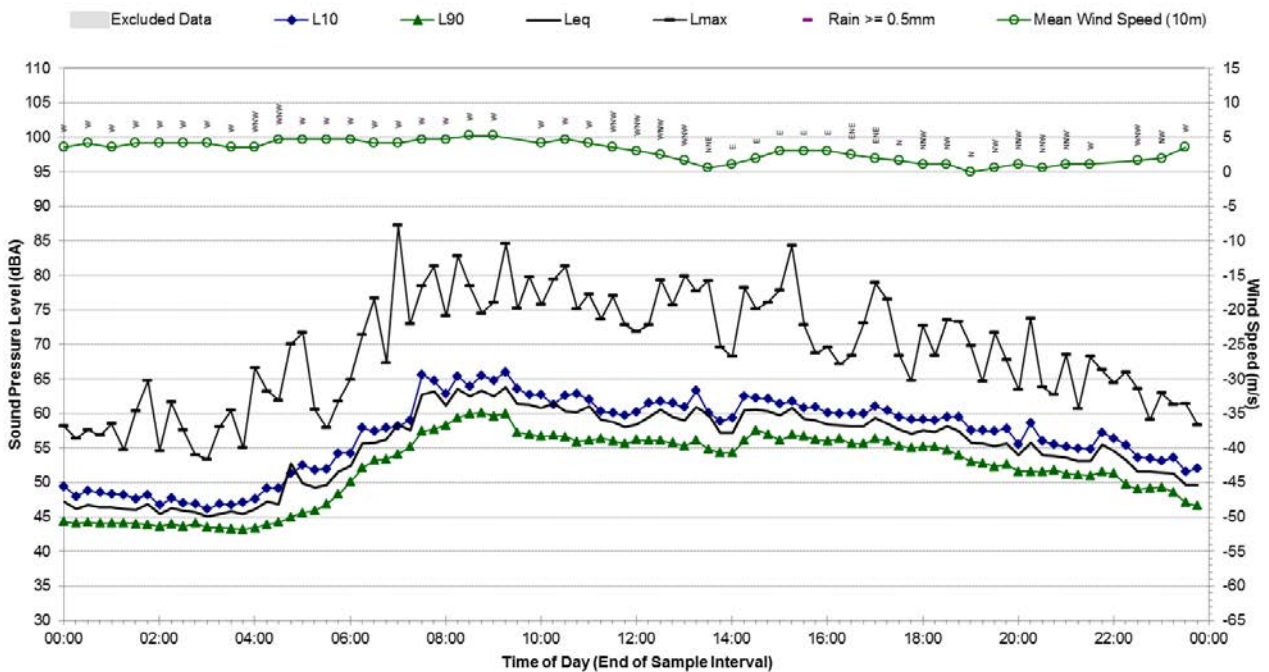
Statistical Ambient Noise Levels B.17 - Saturday, 27 June 2015



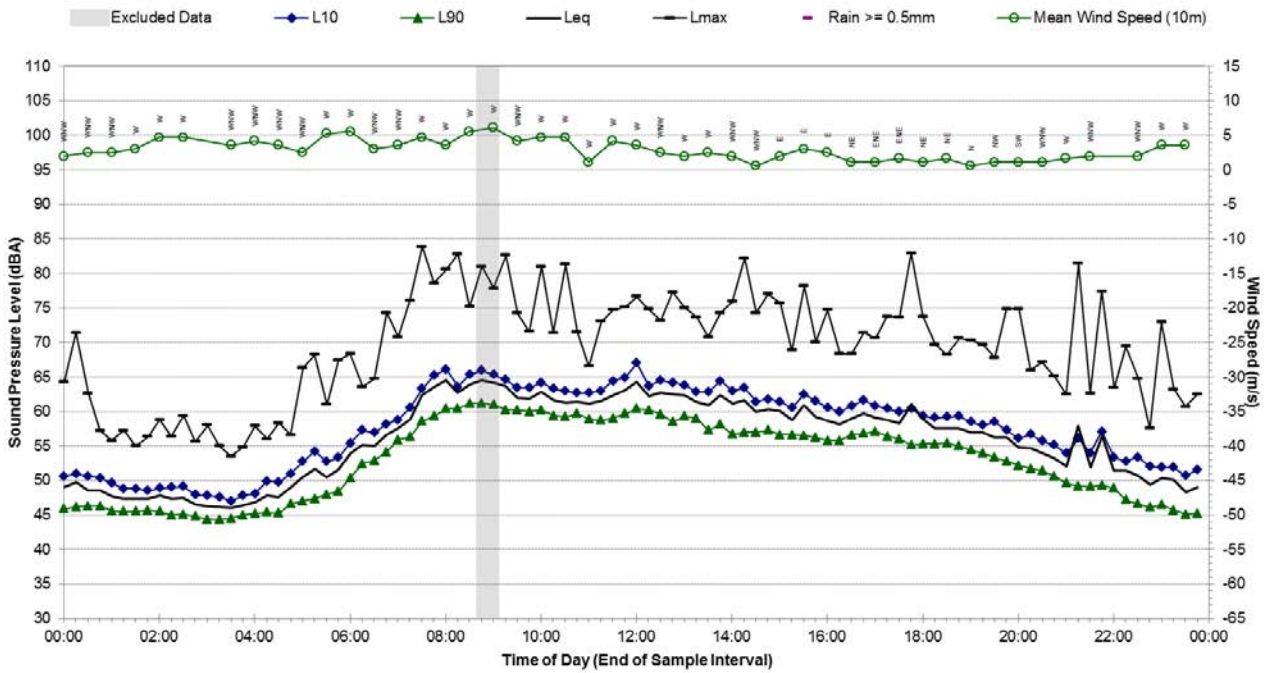
Statistical Ambient Noise Levels B.17 - Sunday, 28 June 2015



Statistical Ambient Noise Levels B.17 - Monday, 29 June 2015



Statistical Ambient Noise Levels B.17 - Tuesday, 30 June 2015



Statistical Ambient Noise Levels B.17 - Wednesday, 1 July 2015

