

Appendix C-A2

Report 610.12109-R2

Page 28 of 63

A2 Ambient Noise Monitoring Results

Noise Monitoring Location:		A2.4	Map of Noise Monitoring Location	
Noise Monitoring Address:		70-80 Adderley Street West, Auburn		
Logger Device Type: Svantek 957				
Logger Serial No: 23245				
Ambient noise logger deployed outside commercial address 70-80 Adderley Street West, Auburn. Logger located in vacant block along perimeter fence. Attended noise measurements indicate the ambient noise environment at this location is dominated by road traffic noise from the M4 during the daytime. Near continuous tyre-pavement noise from road traffic on the M4 was observed at this location. Heavy vehicle noise events were observed to occur several times per minute.				
Review of the ambient noise monitoring data indicates an industrial process of some description occasionally occurs in this general locality between 20:30 and 20:45. Where identified, this extraneous noise has been excluded from the analysis of the monitoring results.				
Recorded Noise Levels (LAmax):				
M4 Light-vehicle road traffic: typically 63-65 dBA, M4 Heavy-vehicle road traffic: 67-72 dBA, M4 Motorcycle road traffic: 67-76 dBA, Local road traffic: 74 dBA				
Ambient Noise Logging Results – ICNG Defined Time Periods			Photo of Noise Monitoring Location	
Monitoring Period	Noise Level (dBA)			
	RBL	LAeq	L10	L1
Daytime	58	64	66	71
Evening	58	64	65	70
Night-time	54	61	63	68
Ambient Noise Logging Results – RNP Defined Time Periods				
Monitoring Period	Noise Level (dBA)			
	Weekday LAeq(Period)	Weekend LAeq(Period)	Weekly LAeq(Period)	
Number of Valid Days	7	2	N/A (7 Day Average)	
Daytime (7am-10pm)	64	63	64	
Night-time (10pm-7am)	61	60	61	
Attended Noise Measurement Results				
Date	Start Time	Measured Noise Level (dBA)		
		LA90	LAeq	LAmax
13/02/2013	15:09	62	65	76

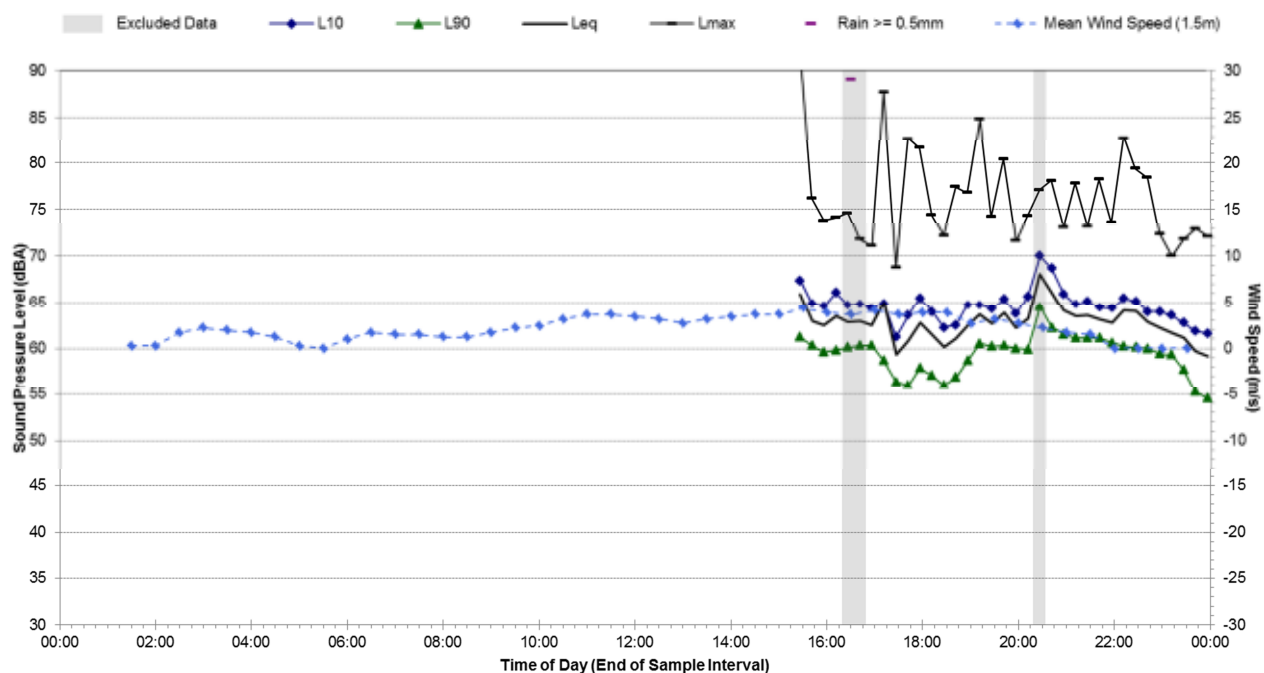




A2 Ambient Noise Monitoring Results

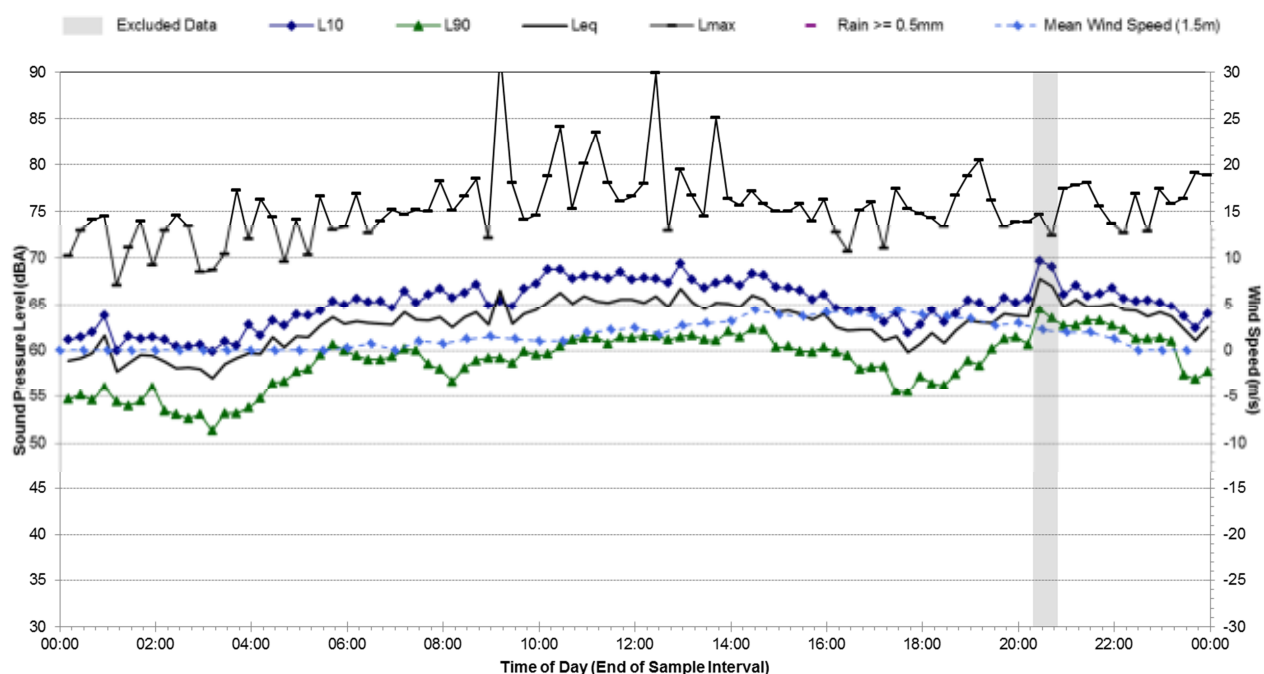
Statistical Ambient Noise Levels

A2.4 - Wednesday, 13 February 2013



Statistical Ambient Noise Levels

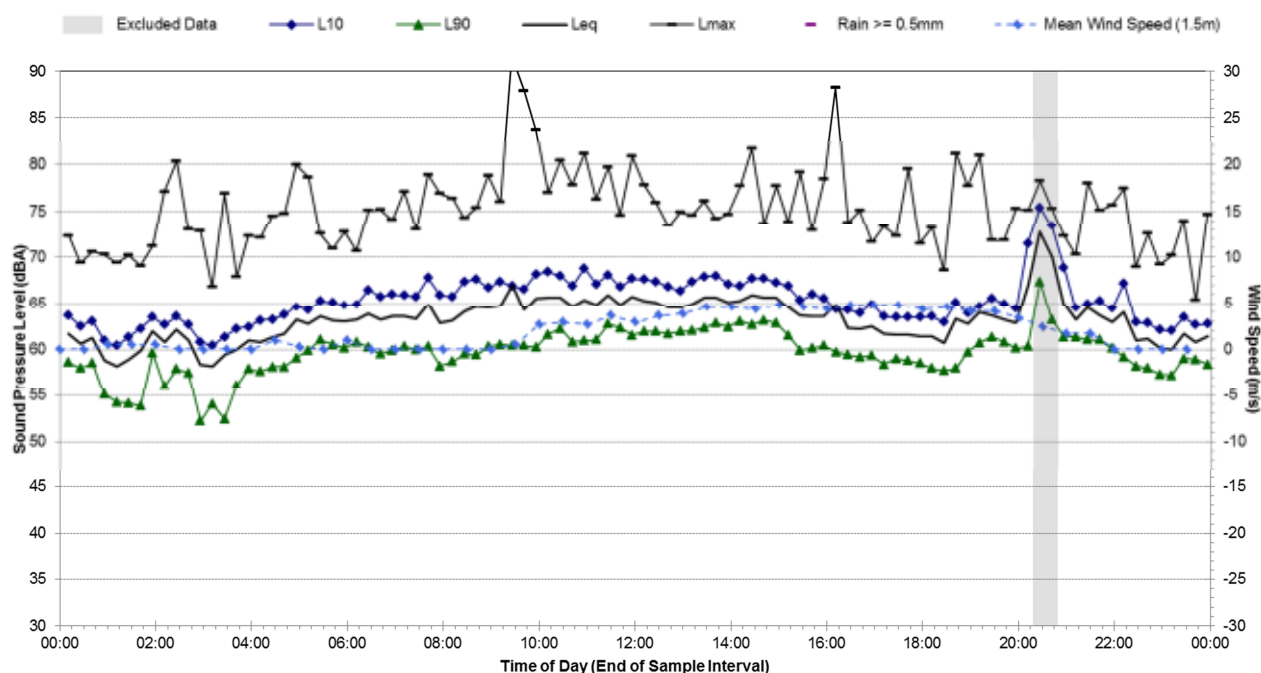
A2.4 - Thursday, 14 February 2013



A2 Ambient Noise Monitoring Results

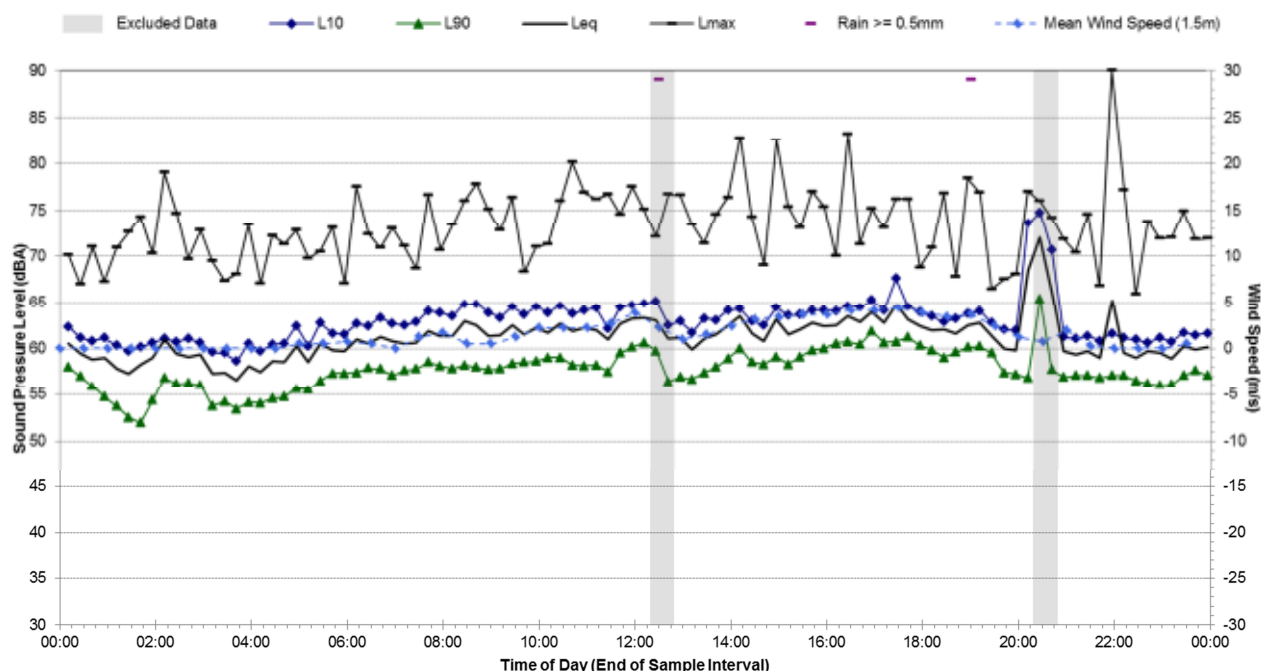
Statistical Ambient Noise Levels

A2.4 - Friday, 15 February 2013



Statistical Ambient Noise Levels

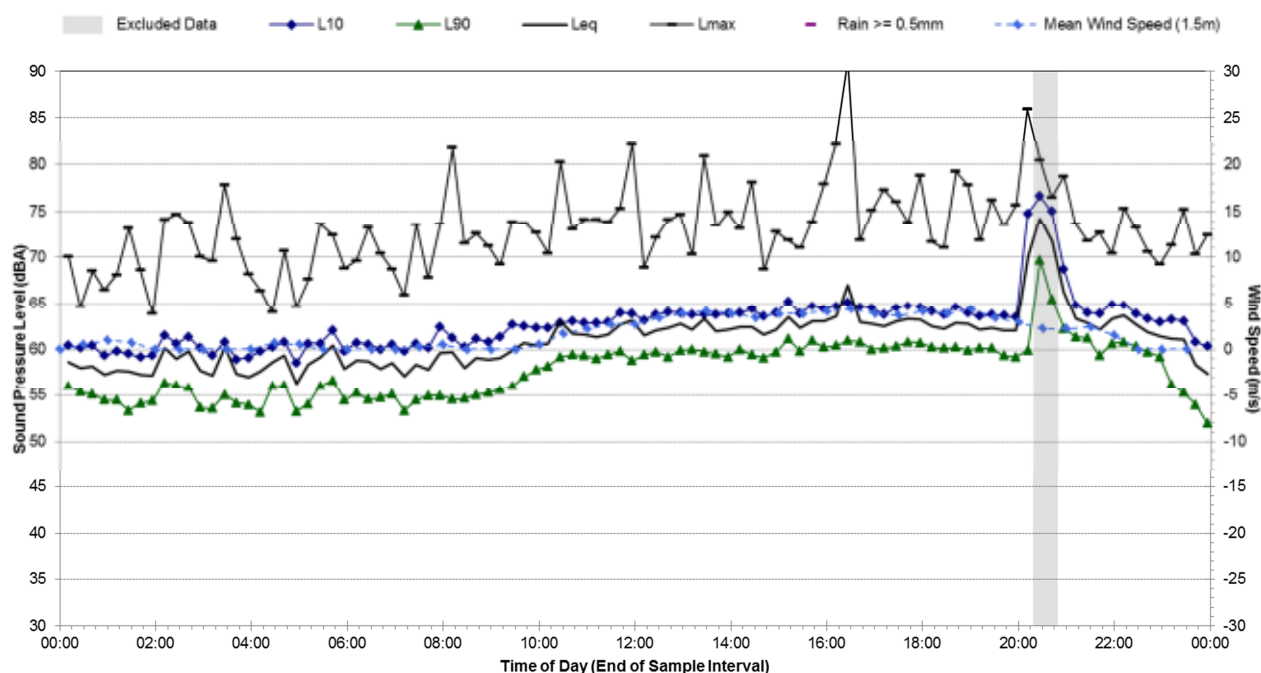
A2.4 - Saturday, 16 February 2013



A2 Ambient Noise Monitoring Results

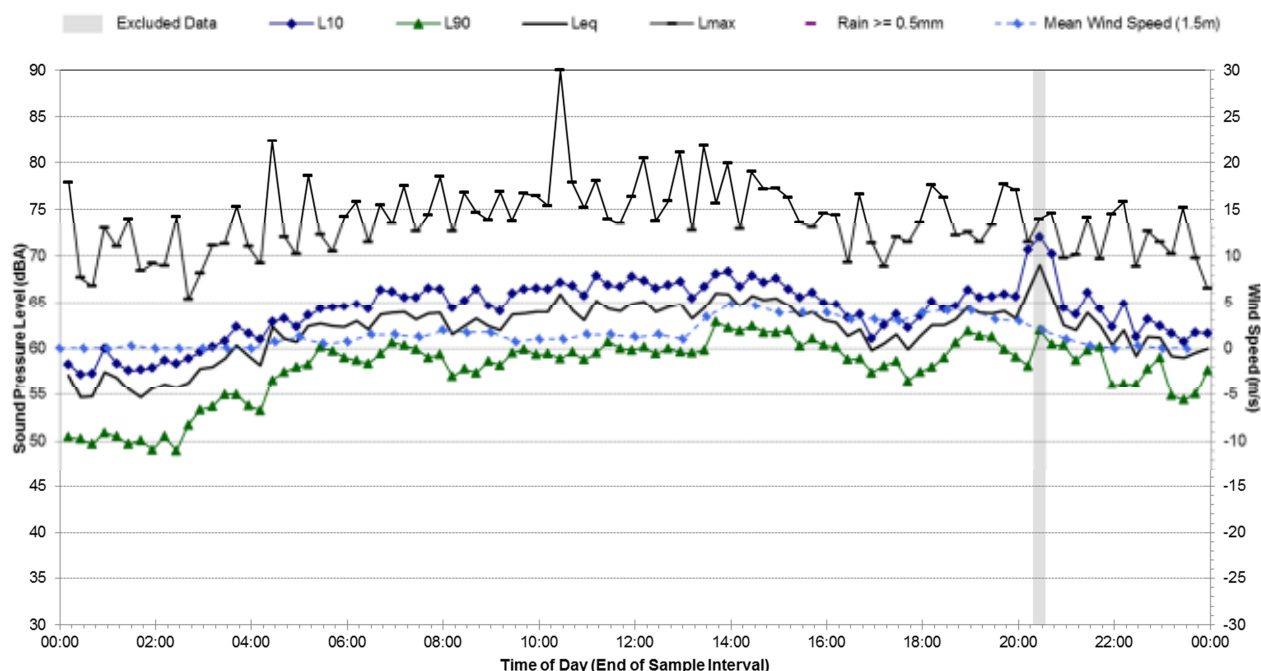
Statistical Ambient Noise Levels

A2.4 - Sunday, 17 February 2013



Statistical Ambient Noise Levels

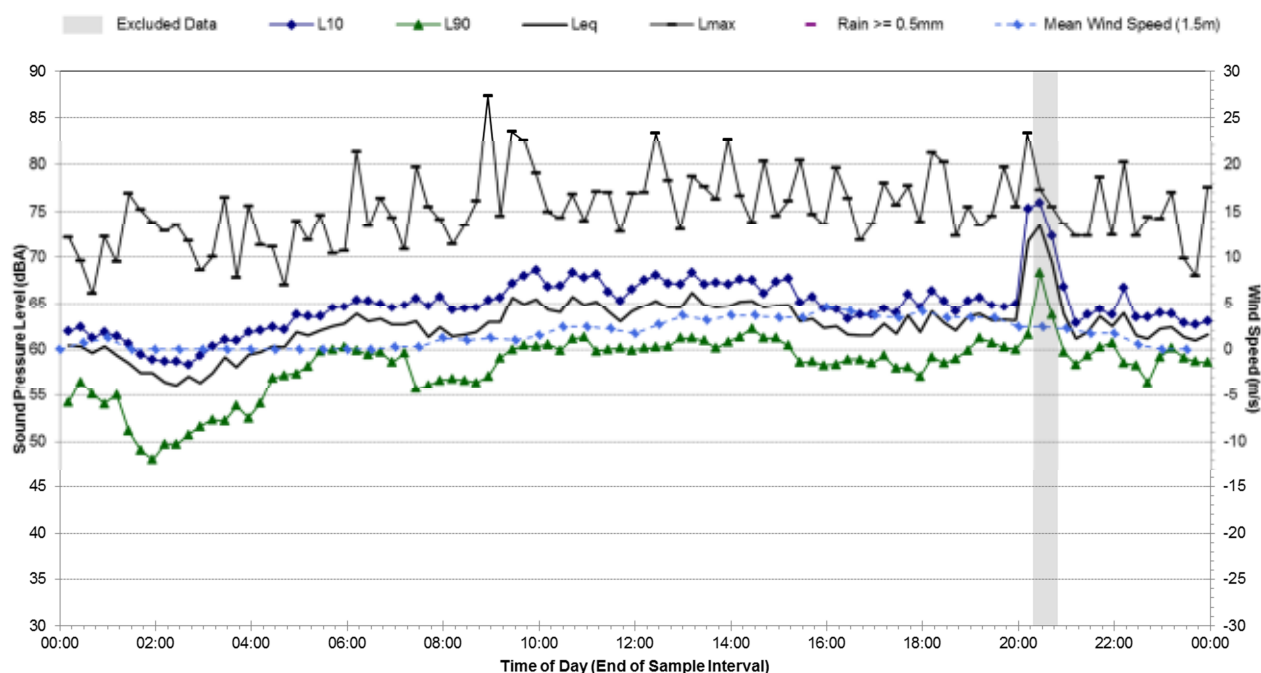
A2.4 - Monday, 18 February 2013



A2 Ambient Noise Monitoring Results

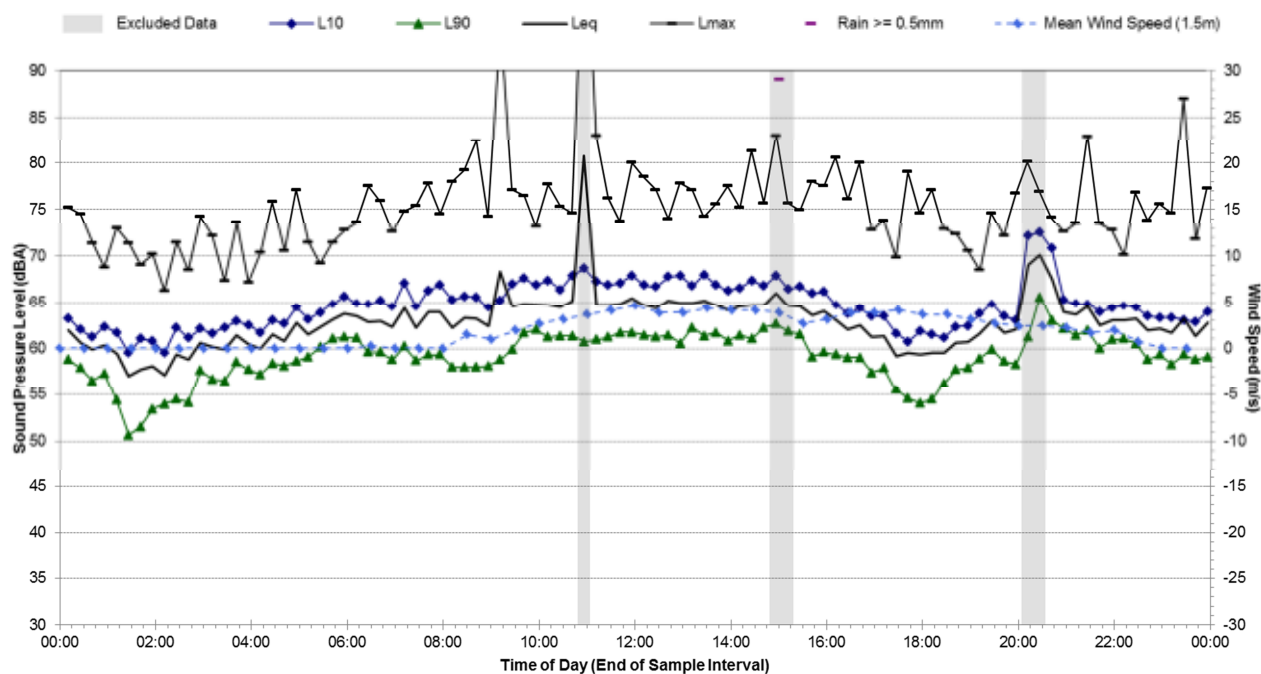
Statistical Ambient Noise Levels

A2.4 - Tuesday, 19 February 2013



Statistical Ambient Noise Levels

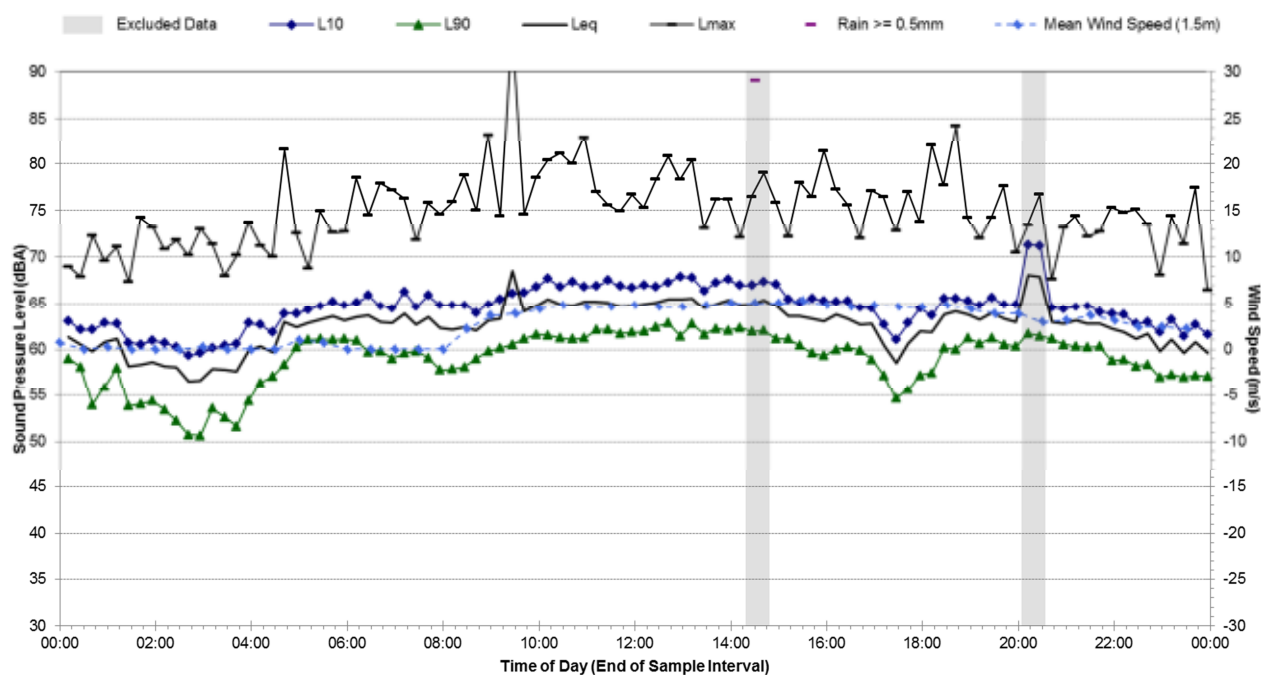
A2.4 - Wednesday, 20 February 2013



A2 Ambient Noise Monitoring Results

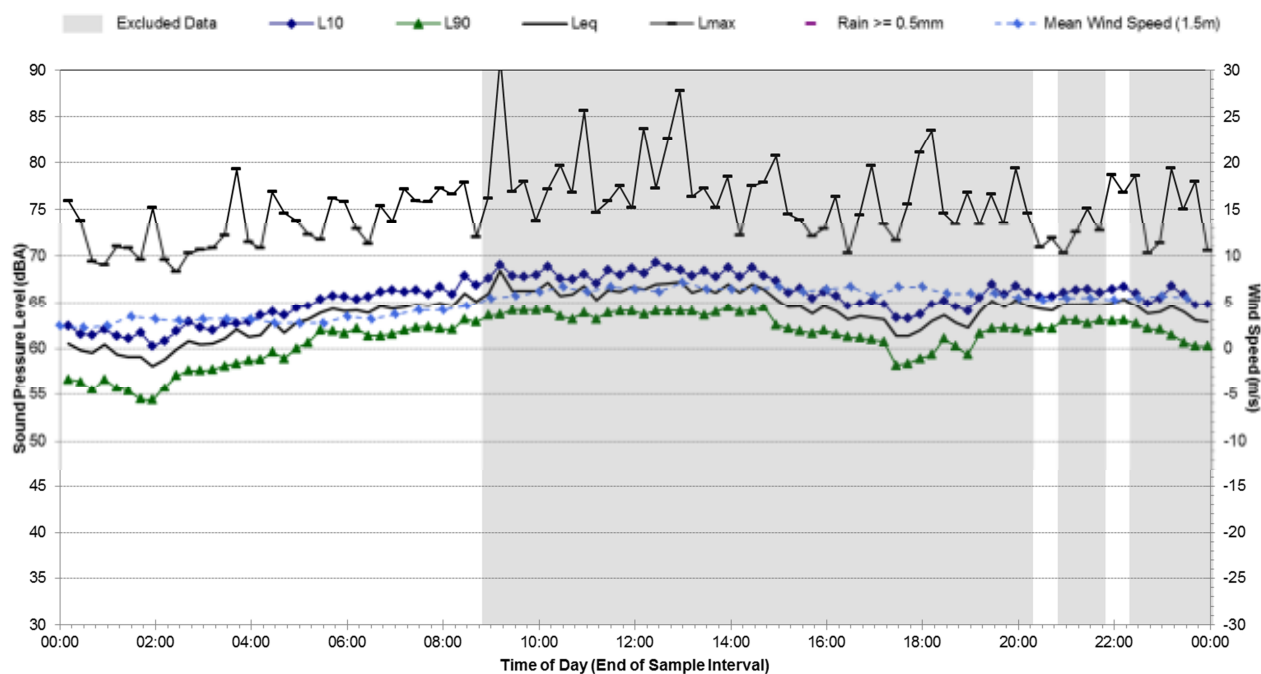
Statistical Ambient Noise Levels

A2.4 - Thursday, 21 February 2013



Statistical Ambient Noise Levels

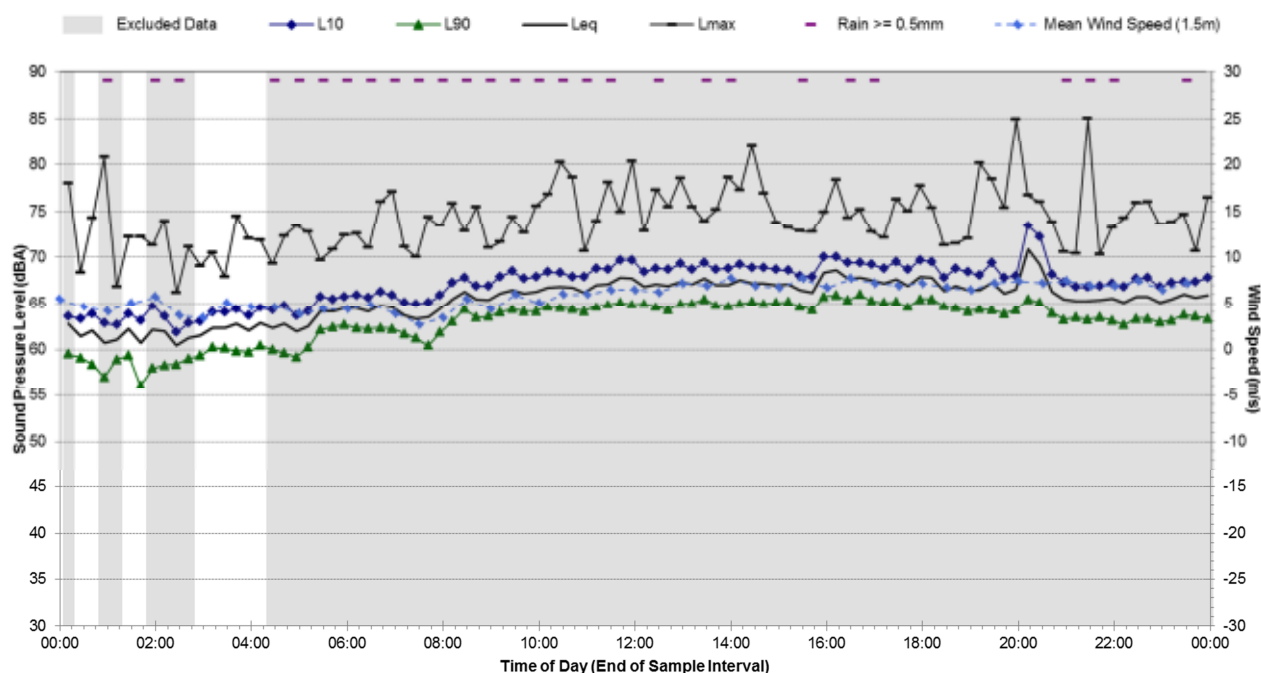
A2.4 - Friday, 22 February 2013



A2 Ambient Noise Monitoring Results

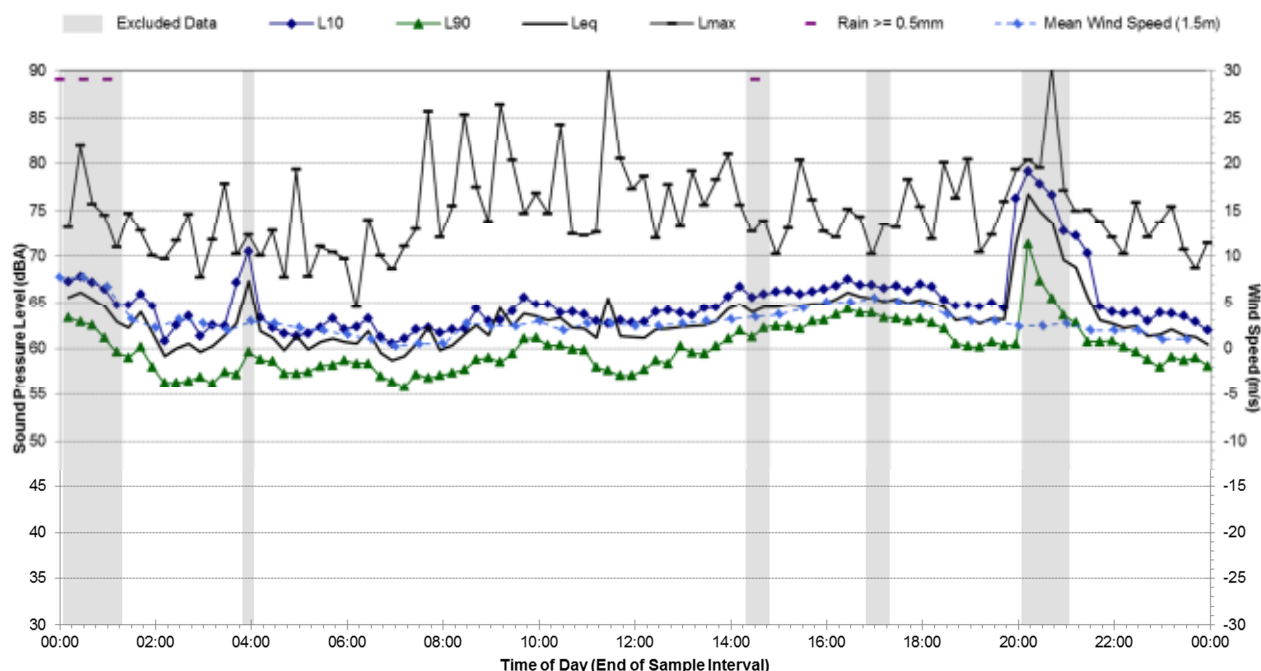
Statistical Ambient Noise Levels

A2.4 - Saturday, 23 February 2013



Statistical Ambient Noise Levels

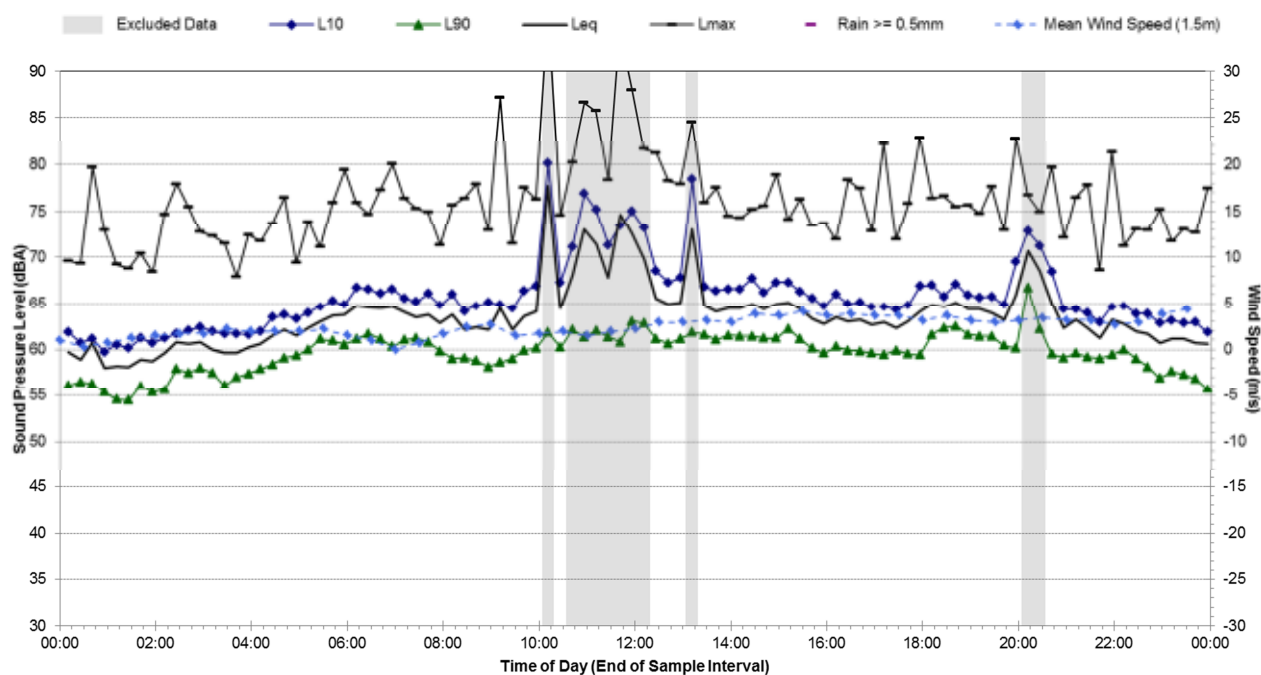
A2.4 - Sunday, 24 February 2013



A2 Ambient Noise Monitoring Results

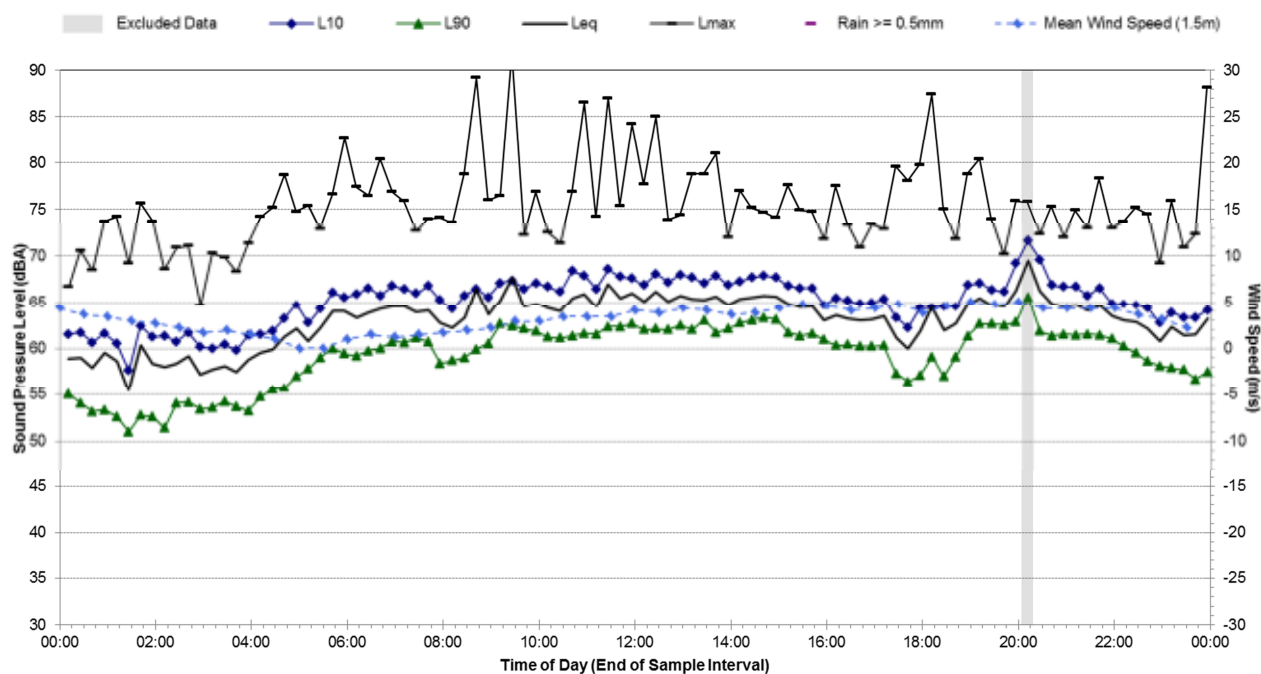
Statistical Ambient Noise Levels

A2.4 - Monday, 25 February 2013



Statistical Ambient Noise Levels

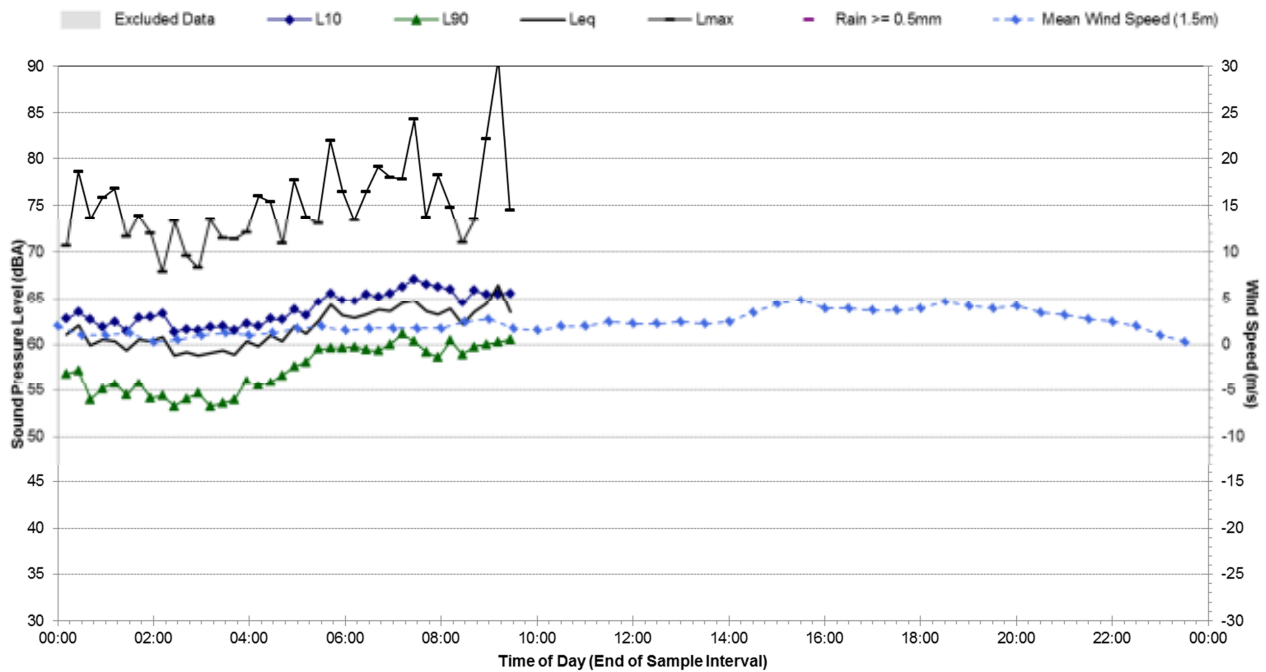
A2.4 - Tuesday, 26 February 2013



A2 Ambient Noise Monitoring Results

Statistical Ambient Noise Levels

A2.4 - Wednesday, 27 February 2013



A2 Ambient Noise Monitoring Results

Noise Monitoring Location: A2.5		Map of Noise Monitoring Location	
Noise Monitoring Address: 87 Deakin Street, Silverwater			
Logger Device Type: Svantek 957			
Logger Serial No: 20669			
Ambient noise logger deployed immediately outside residential address 87 Deakin Street, Silverwater. Logger located in front yard on southern side of property.			
Attended noise measurements indicate the ambient noise environment at this location is dominated by road traffic noise from the M4 during the daytime. Near continuous tyre-pavement noise from light-vehicle traffic on the M4 was observed at this location with heavy vehicle noise observed several times per minute.			
Recorded Noise Levels (LAmax):			
M4 Light-vehicle road traffic: typically 60-65 dBA, M4 Heavy-vehicle road traffic: 65-69 dBA, Local road traffic: 68 dBA, Insects: ~60 dBA (intermittent),			

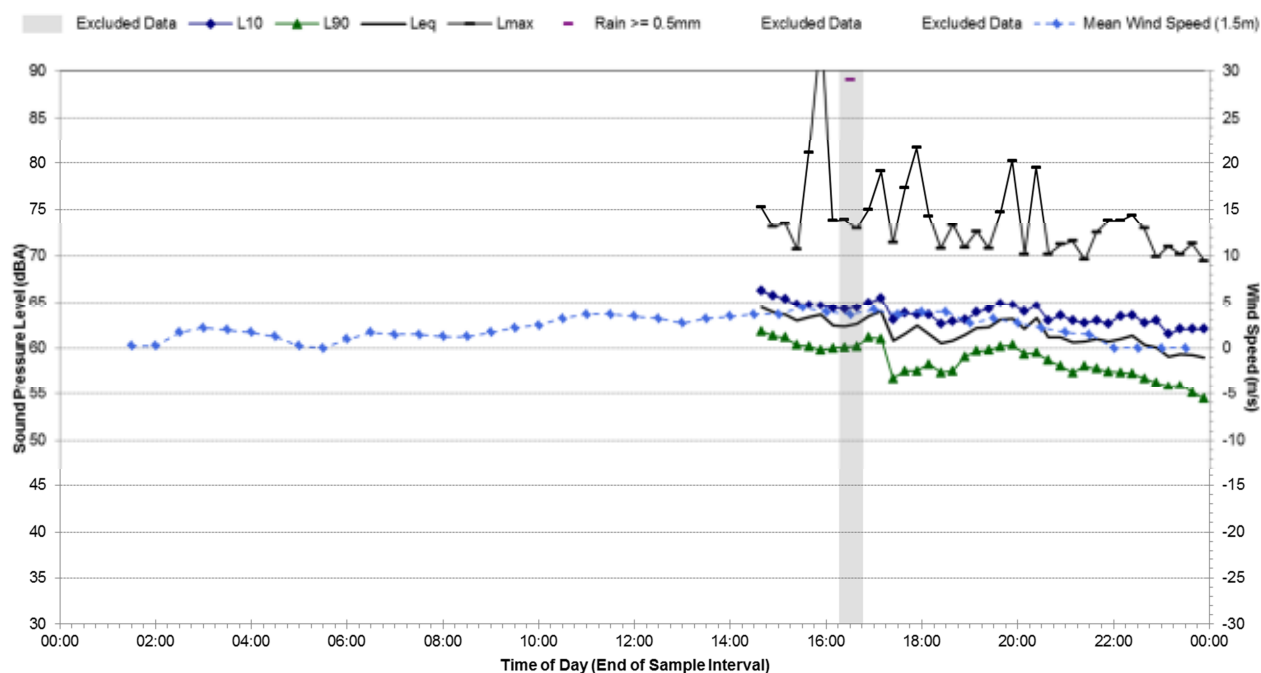
Ambient Noise Logging Results – ICNG Defined Time Periods				
Monitoring Period	Noise Level (dBA)			
	RBL	LAeq	L10	L1
Daytime	58	63	65	69
Evening	57	61	63	67
Night-time	51	60	61	66
Ambient Noise Logging Results – RNP Defined Time Periods				
Monitoring Period	Noise Level (dBA)			
	Weekday LAeq(Period)	Weekend LAeq(Period)	Weekly LAeq(Period)	
Number of Valid Days	8	3	N/A (7 Day Average)	
Daytime (7am-10pm)	63	62	63	
Night-time (10pm-7am)	60	59	60	
Attended Noise Measurement Results				
Date	Start Time	Measured Noise Level (dBA)		
		LA90	LAeq	LAmax
13/02/2013	14:14	61	63	69

Photo of Noise Monitoring Location	
	

A2 Ambient Noise Monitoring Results

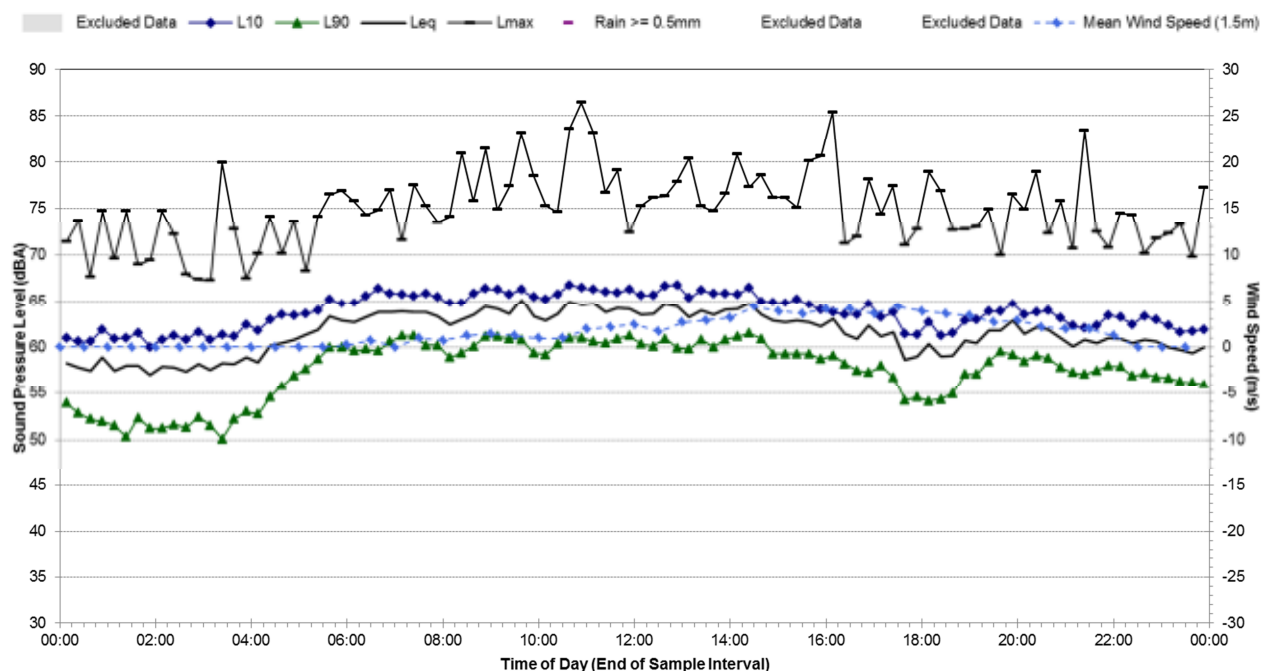
Statistical Ambient Noise Levels

A2.5 - Wednesday, 13 February 2013



Statistical Ambient Noise Levels

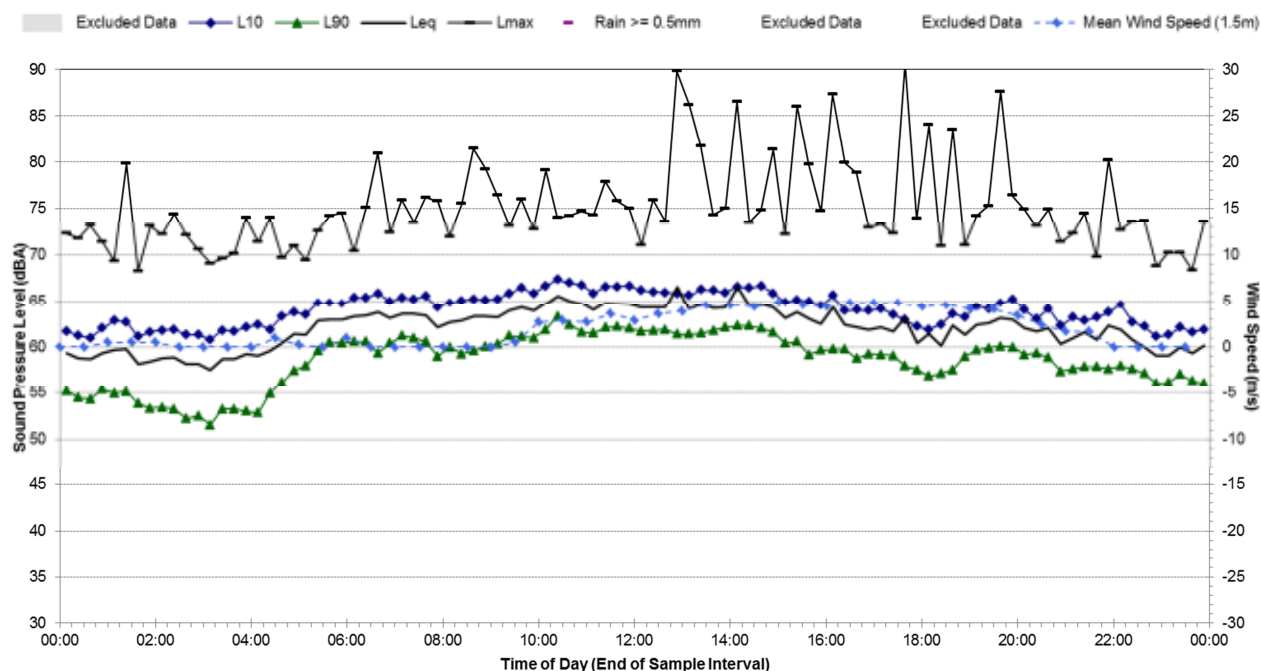
A2.5 - Thursday, 14 February 2013



A2 Ambient Noise Monitoring Results

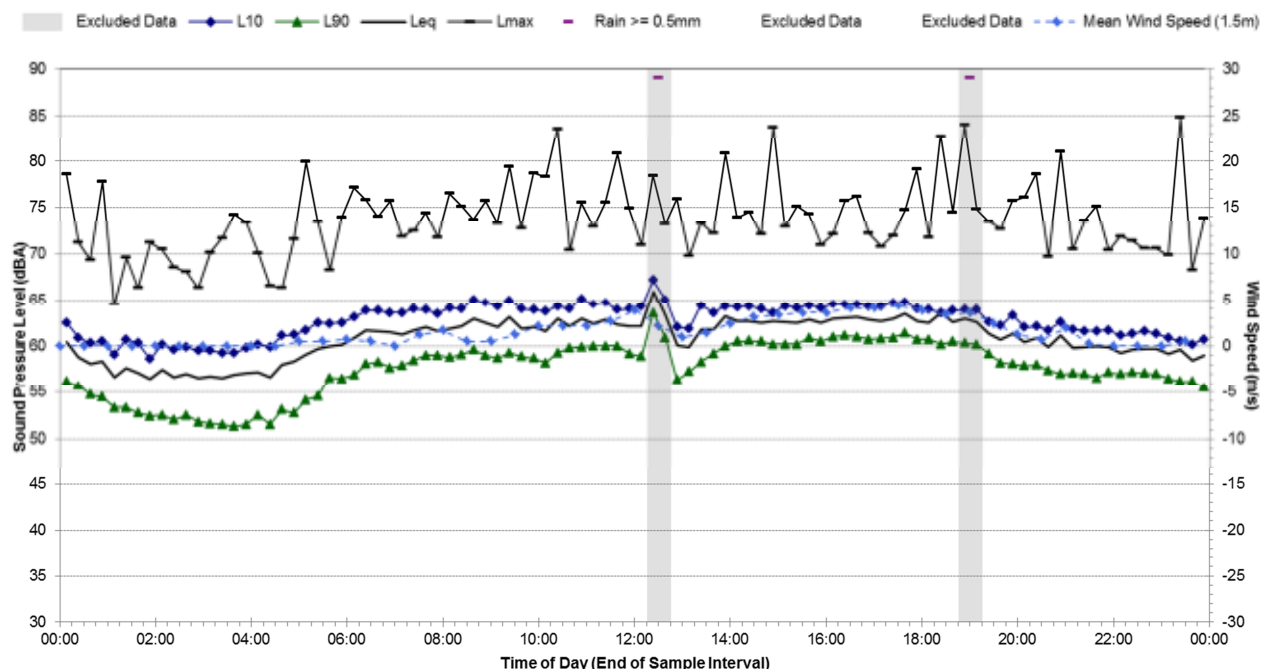
Statistical Ambient Noise Levels

A2.5 - Friday, 15 February 2013



Statistical Ambient Noise Levels

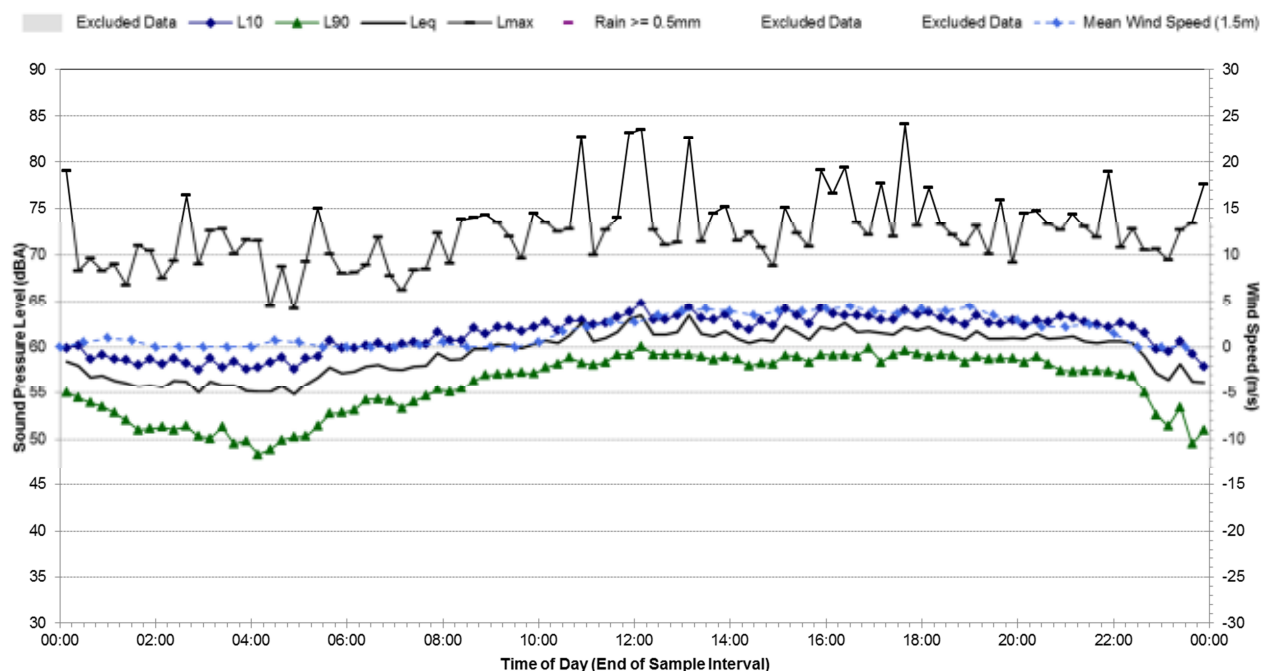
A2.5 - Saturday, 16 February 2013



A2 Ambient Noise Monitoring Results

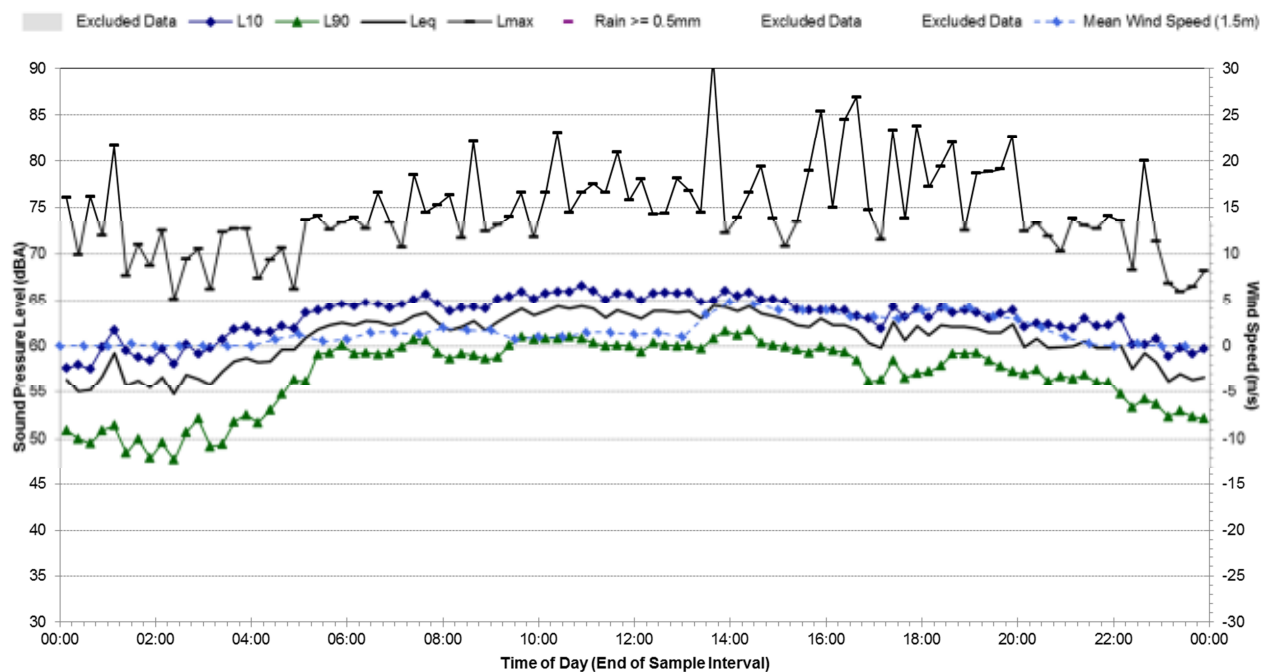
Statistical Ambient Noise Levels

A2.5 - Sunday, 17 February 2013



Statistical Ambient Noise Levels

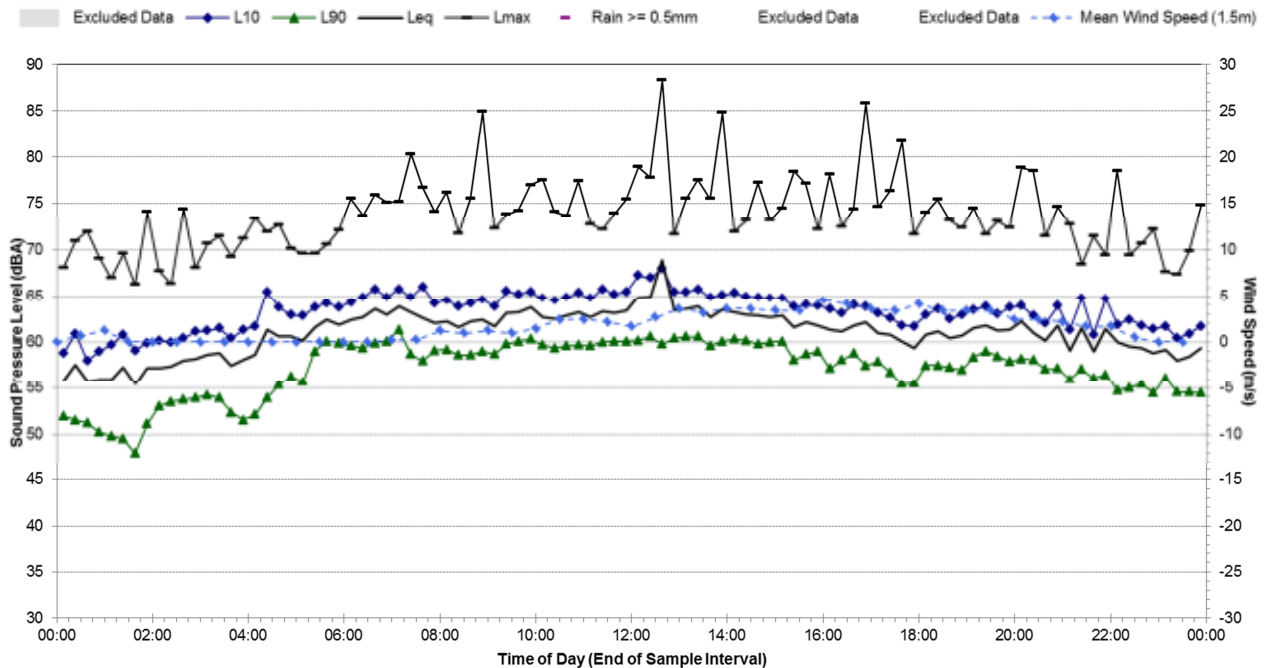
A2.5 - Monday, 18 February 2013



A2 Ambient Noise Monitoring Results

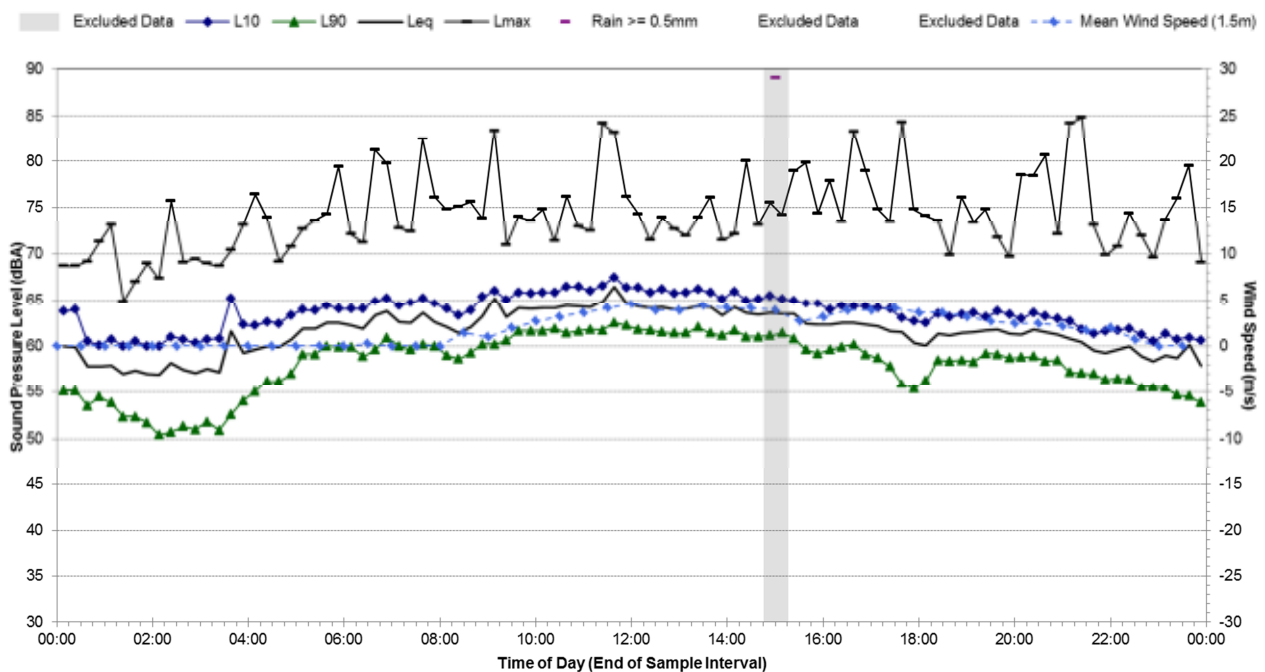
Statistical Ambient Noise Levels

A2.5 - Tuesday, 19 February 2013



Statistical Ambient Noise Levels

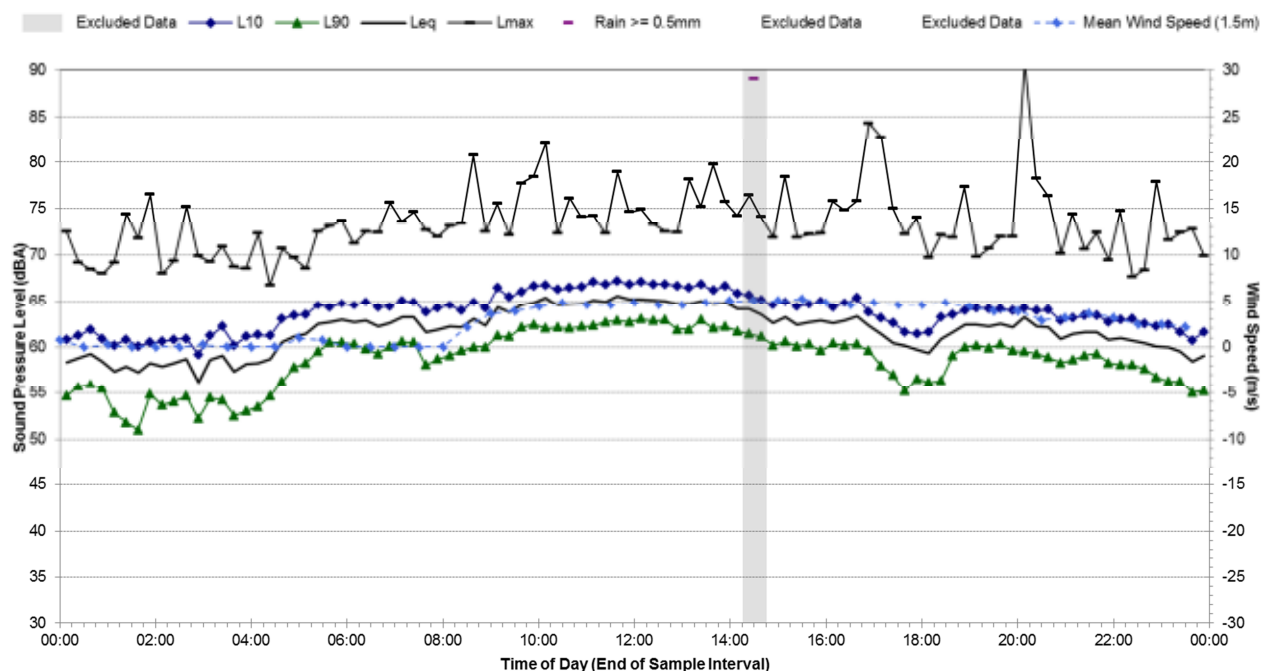
A2.5 - Wednesday, 20 February 2013



A2 Ambient Noise Monitoring Results

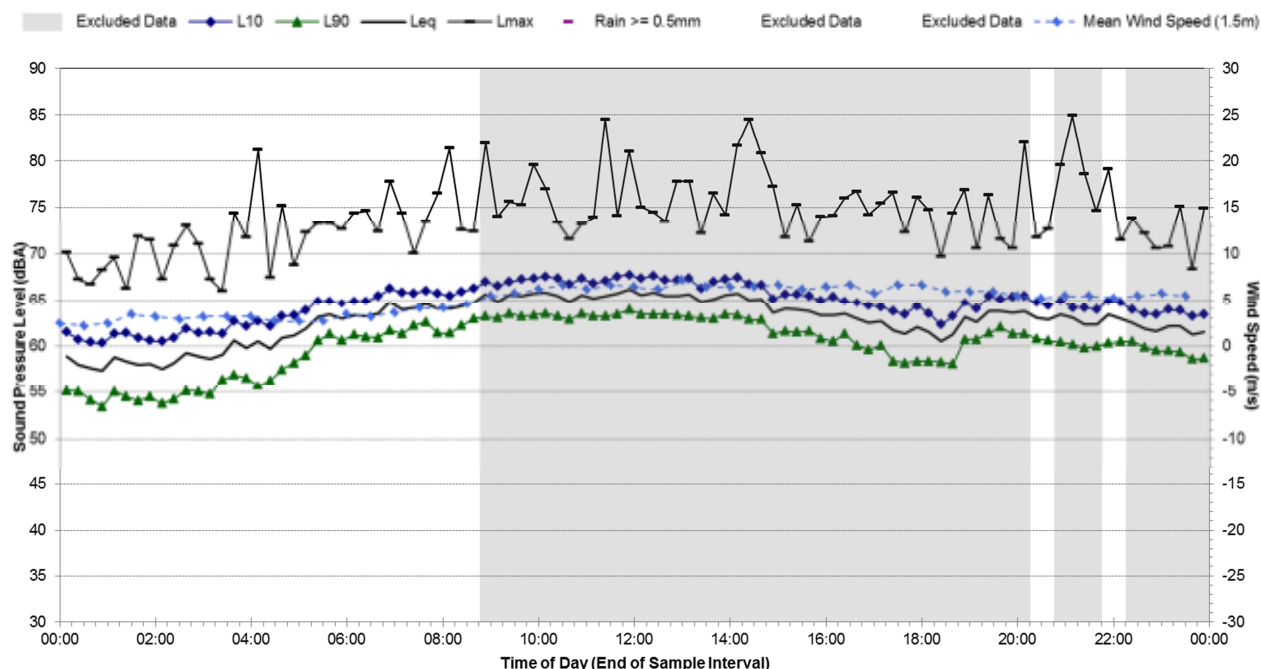
Statistical Ambient Noise Levels

A2.5 - Thursday, 21 February 2013



Statistical Ambient Noise Levels

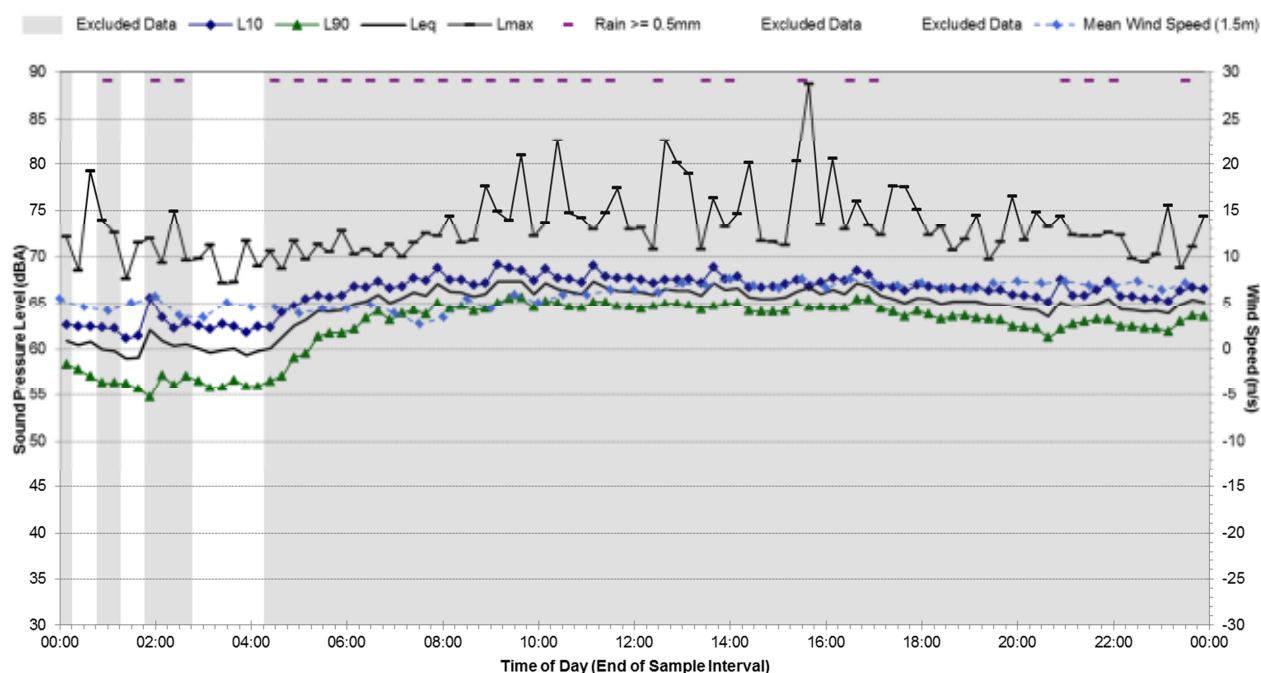
A2.5 - Friday, 22 February 2013



A2 Ambient Noise Monitoring Results

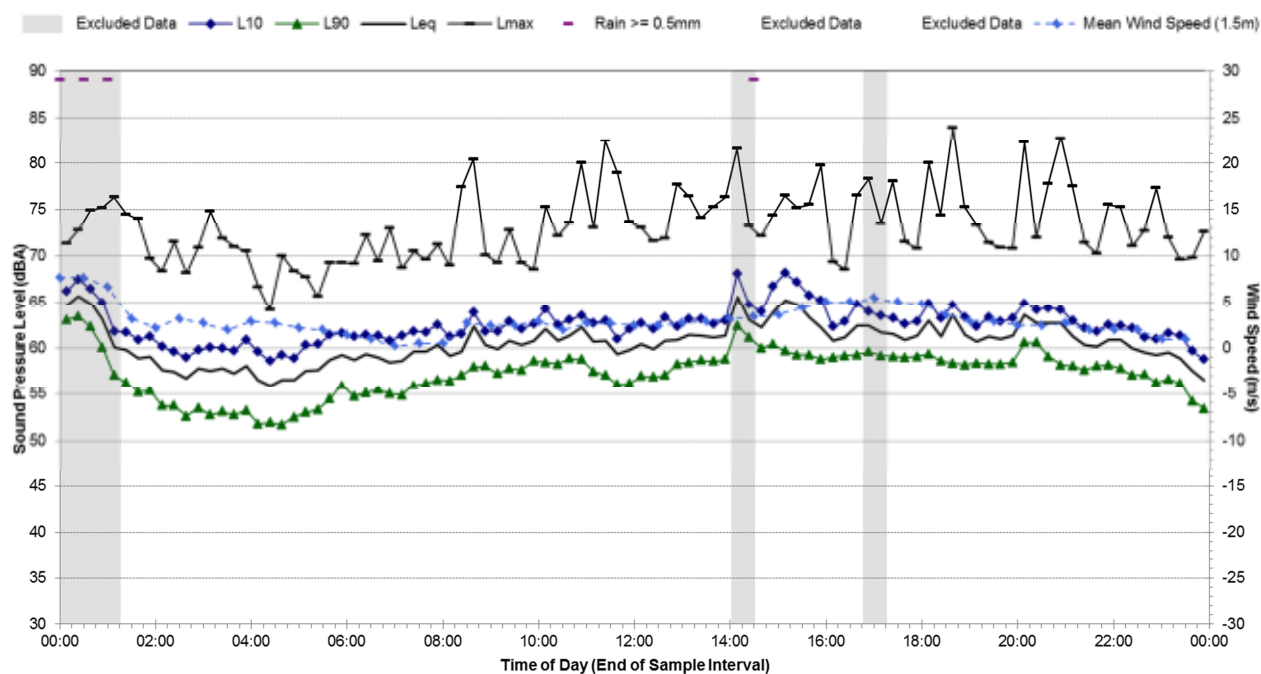
Statistical Ambient Noise Levels

A2.5 - Saturday, 23 February 2013



Statistical Ambient Noise Levels

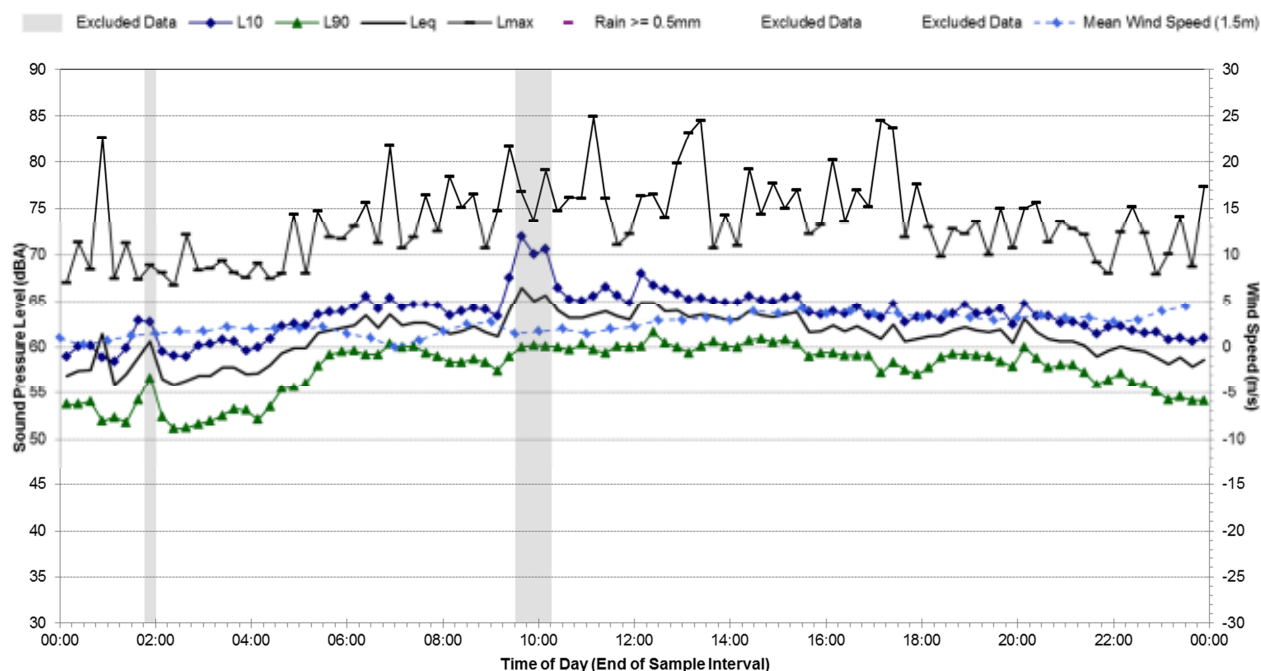
A2.5 - Sunday, 24 February 2013



A2 Ambient Noise Monitoring Results

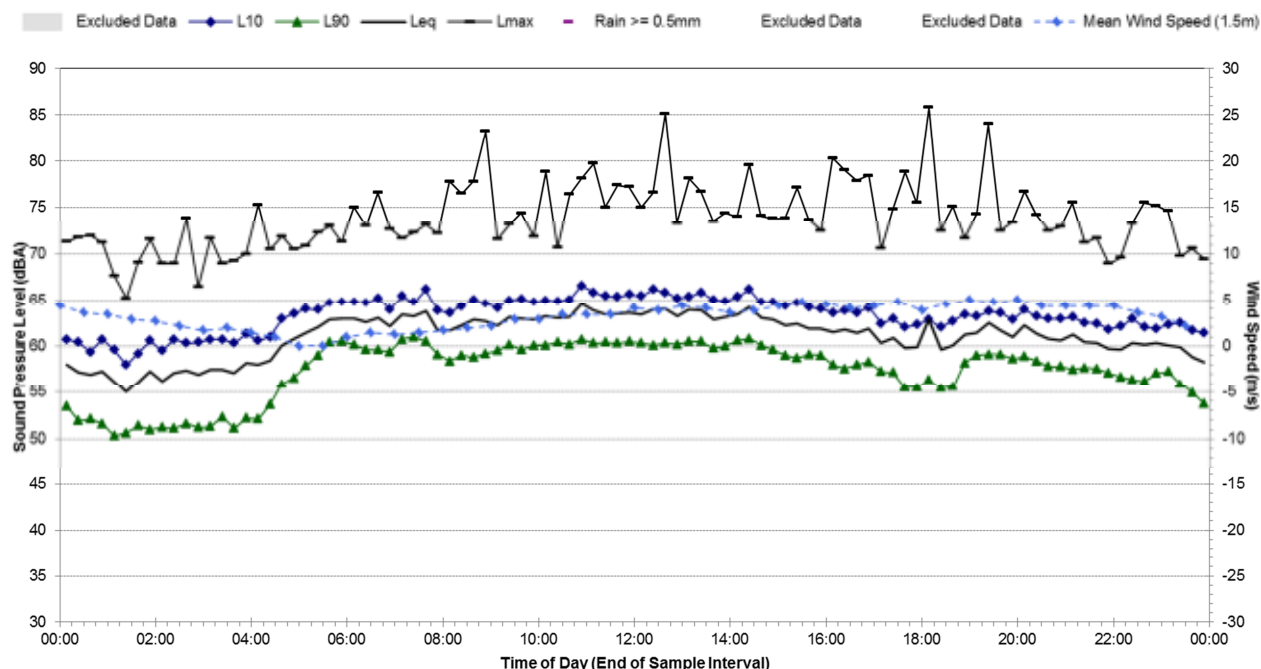
Statistical Ambient Noise Levels

A2.5 - Monday, 25 February 2013



Statistical Ambient Noise Levels

A2.5 - Tuesday, 26 February 2013



A2 Ambient Noise Monitoring Results

Statistical Ambient Noise Levels

A2.5 - Wednesday, 27 February 2013

