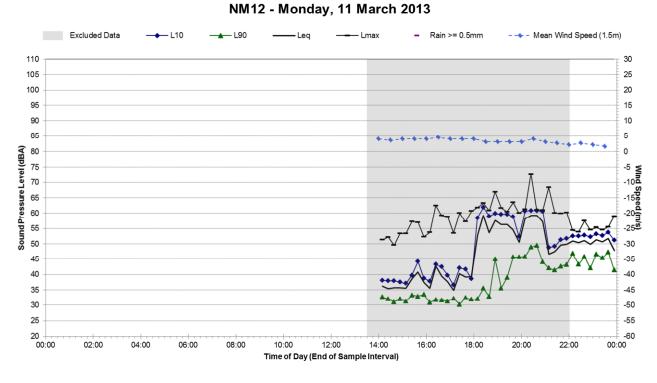
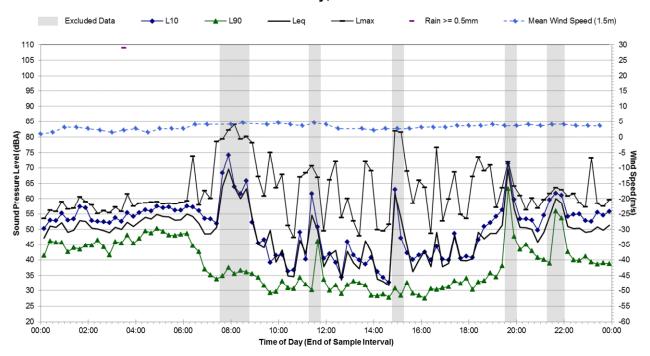
Ambient Noise Monitoring Results



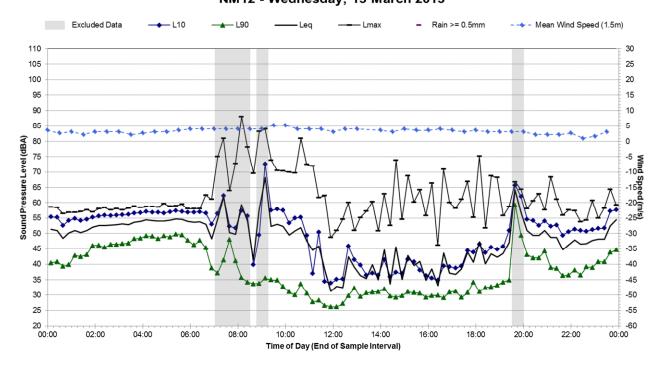
Statistical Ambient Noise Levels

Statistical Ambient Noise Levels NM12 - Tuesday, 12 March 2013



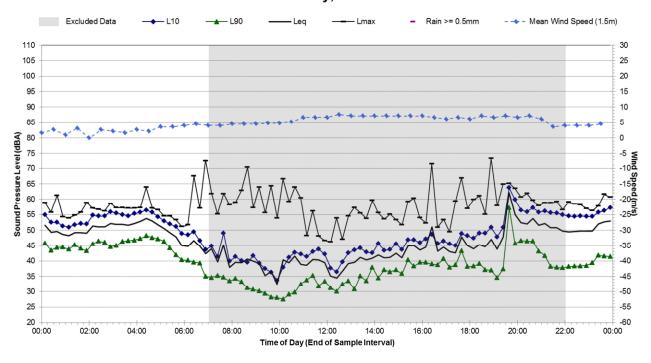
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Ambient Noise Monitoring Results



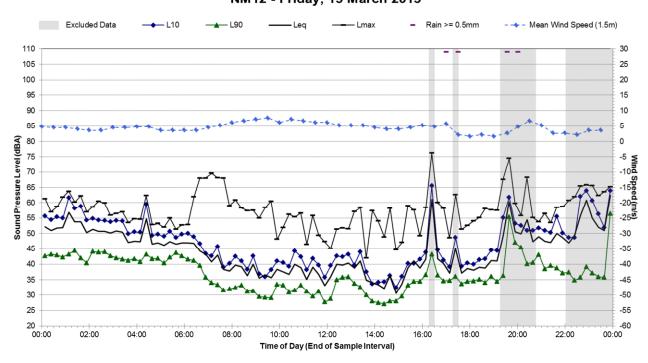
Statistical Ambient Noise Levels NM12 - Wednesday, 13 March 2013

Statistical Ambient Noise Levels NM12 - Thursday, 14 March 2013



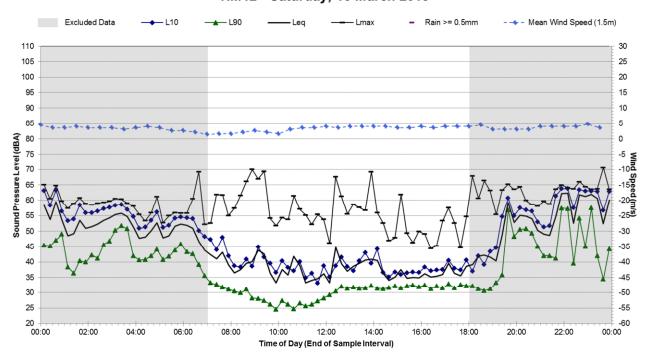
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Ambient Noise Monitoring Results



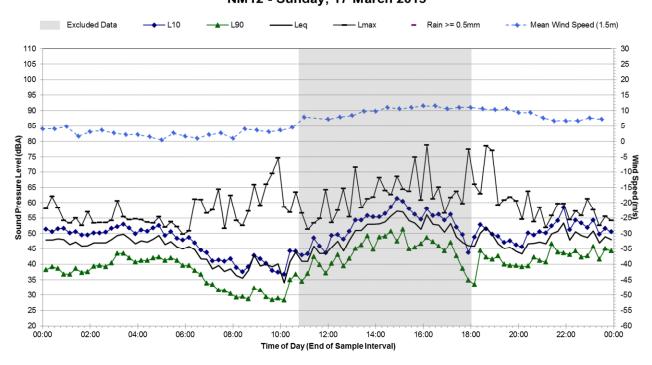
Statistical Ambient Noise Levels NM12 - Friday, 15 March 2013

Statistical Ambient Noise Levels NM12 - Saturday, 16 March 2013



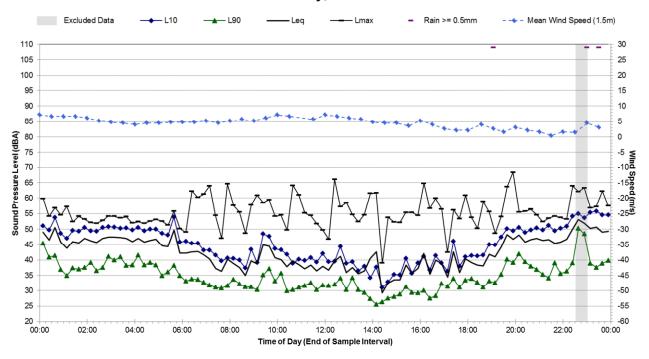
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Ambient Noise Monitoring Results



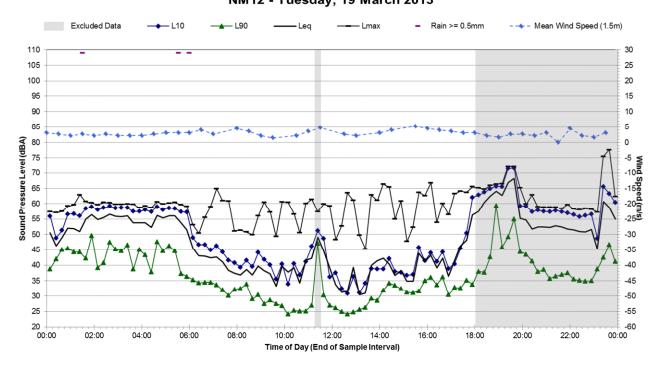
Statistical Ambient Noise Levels NM12 - Sunday, 17 March 2013

Statistical Ambient Noise Levels NM12 - Monday, 18 March 2013



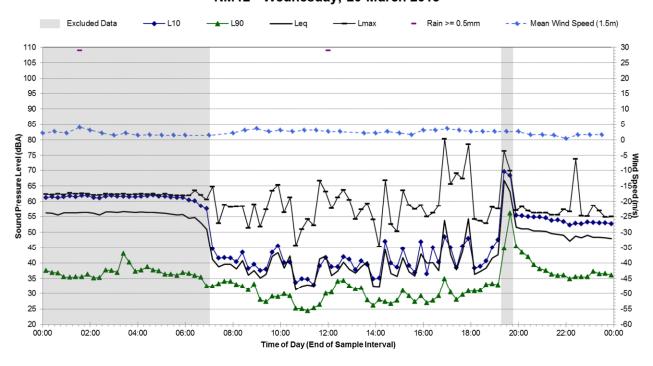
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Ambient Noise Monitoring Results



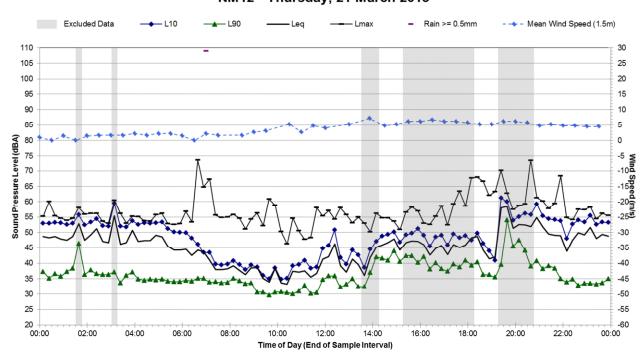
Statistical Ambient Noise Levels NM12 - Tuesday, 19 March 2013

Statistical Ambient Noise Levels NM12 - Wednesday, 20 March 2013



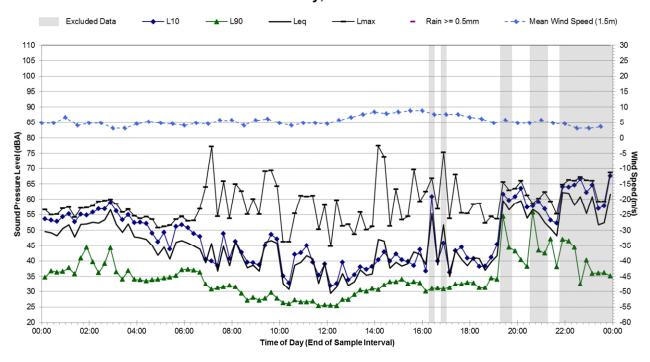
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Ambient Noise Monitoring Results



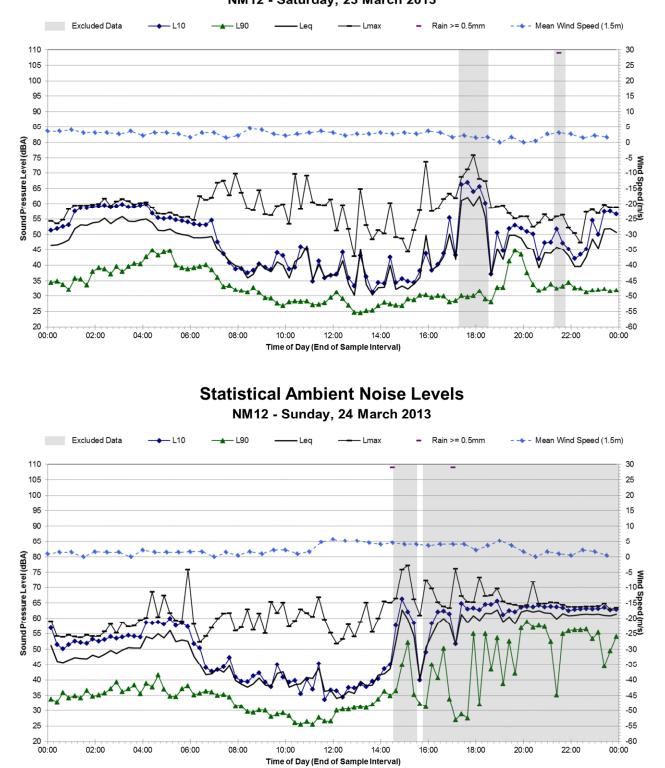
Statistical Ambient Noise Levels NM12 - Thursday, 21 March 2013

Statistical Ambient Noise Levels NM12 - Friday, 22 March 2013



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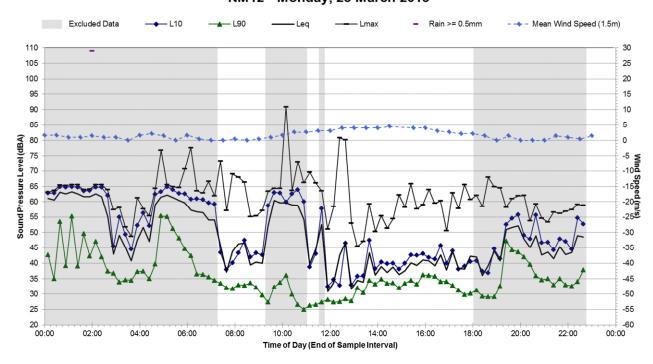
Ambient Noise Monitoring Results



Statistical Ambient Noise Levels NM12 - Saturday, 23 March 2013

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Ambient Noise Monitoring Results



Statistical Ambient Noise Levels NM12 - Monday, 25 March 2013

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Ambient Noise Monitoring Results

Noise Monitoring Location:	NM13	Map of Noise Monitoring Location
Noise Monitoring Address:	354 South Arm Road, Urunga	

Logger Device Type: Svantek 955 Logger Serial No: 27499

Ambient noise logger deployed within the residential property address 354 South Arm Road, Urunga. Logger located in front yard on south-eastern corner of the property.

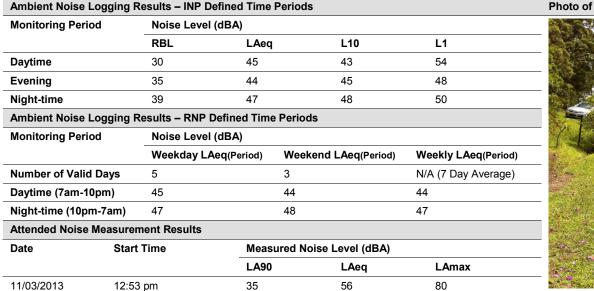
Attended noise measurements indicate the ambient noise environment at this location is dominated by neighbourhood activities during the daytime. Occasional road traffic noise from local road can be heard at this location.

Recorded Noise Levels (LAmax):

Neighbourhood activities (eg. voices, activities inside the house): 28-58 dBA; insects 35-72 dBA; Birds: 45-59 dBA; Lawn mowing (distant): 33-40 dBA; Roosters: 73-80 dBA; Activities in the caravan (eg. door close): 38-47 dBA; Horses 43-53 dBA.

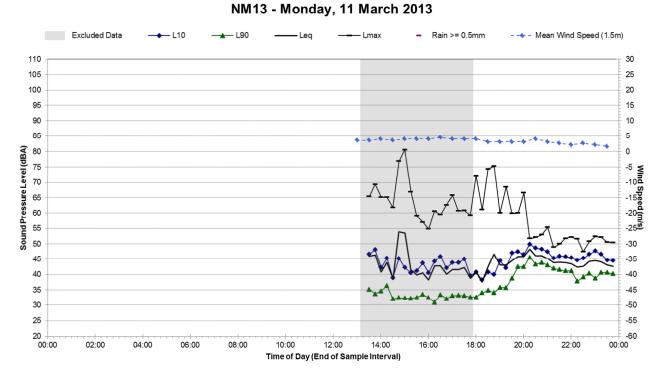


Photo of Noise Monitoring Location



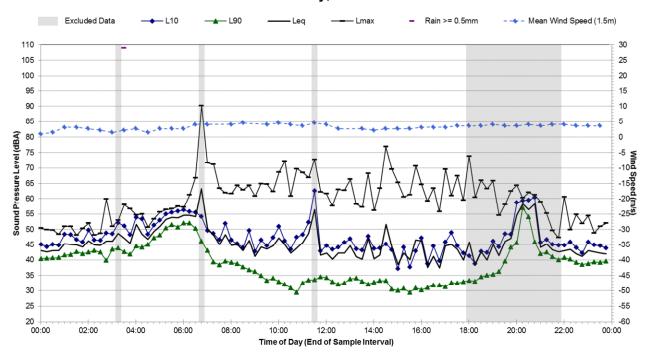


Ambient Noise Monitoring Results



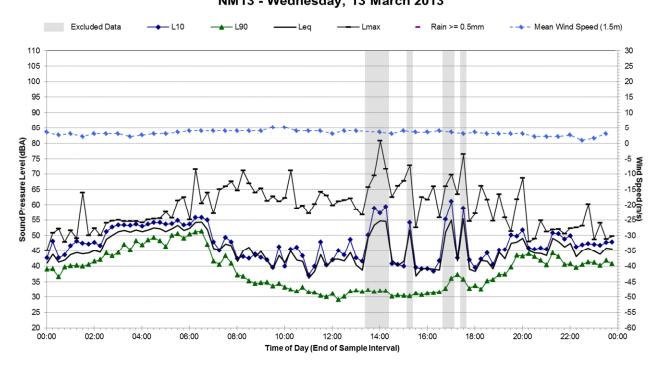
Statistical Ambient Noise Levels

Statistical Ambient Noise Levels NM13 - Tuesday, 12 March 2013



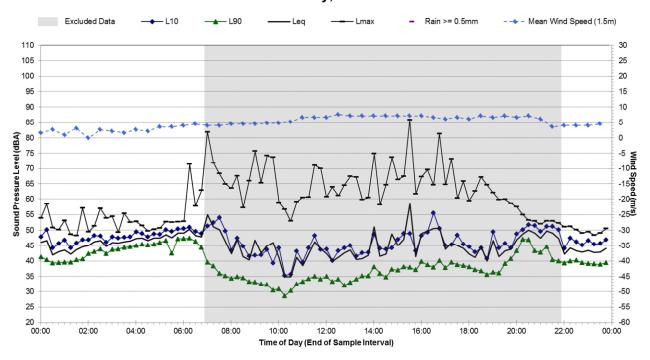
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Ambient Noise Monitoring Results



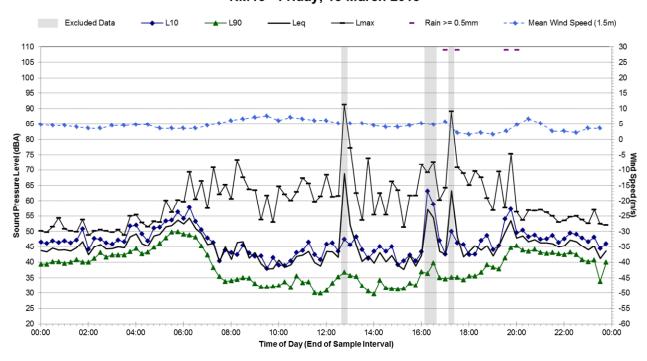
Statistical Ambient Noise Levels NM13 - Wednesday, 13 March 2013

Statistical Ambient Noise Levels NM13 - Thursday, 14 March 2013



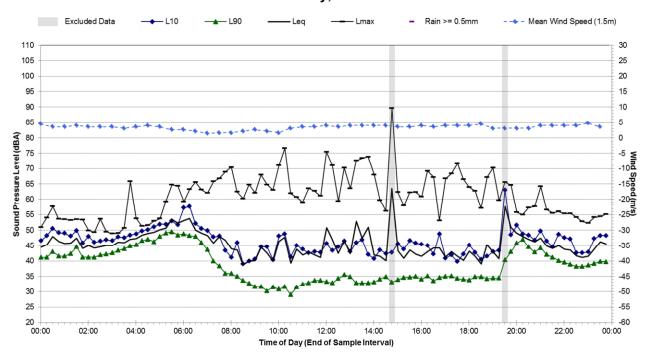
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Ambient Noise Monitoring Results



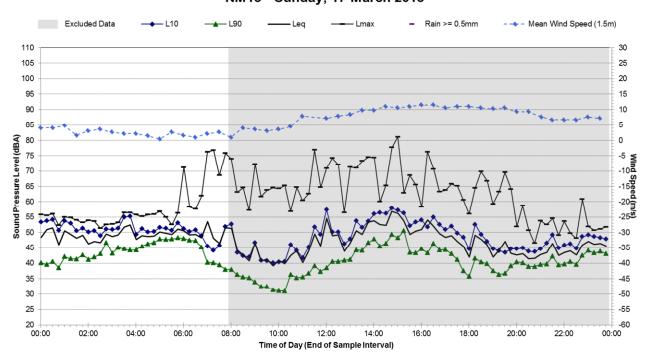
Statistical Ambient Noise Levels NM13 - Friday, 15 March 2013

Statistical Ambient Noise Levels NM13 - Saturday, 16 March 2013



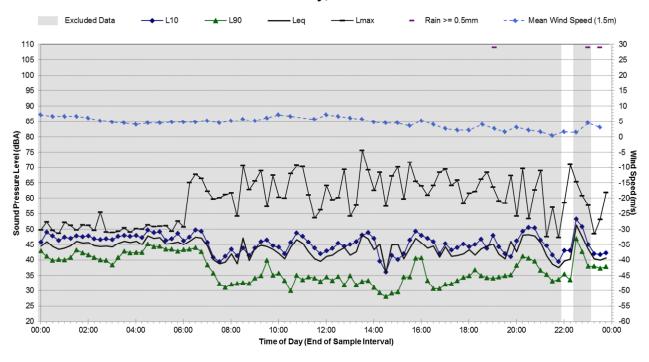
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Ambient Noise Monitoring Results



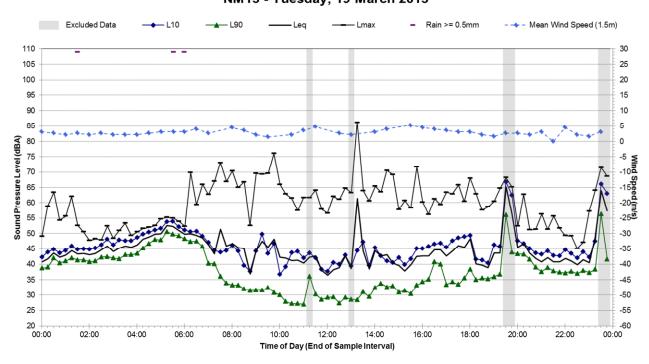
Statistical Ambient Noise Levels NM13 - Sunday, 17 March 2013

Statistical Ambient Noise Levels NM13 - Monday, 18 March 2013



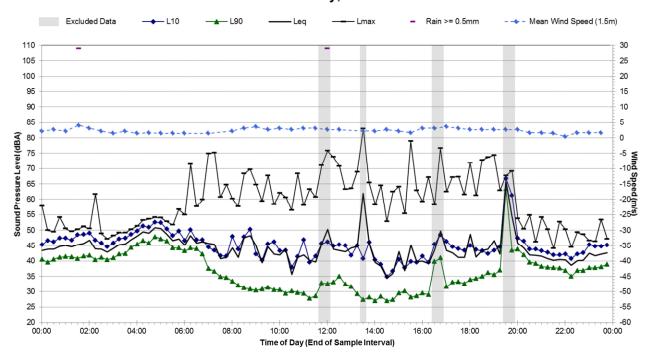
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Ambient Noise Monitoring Results



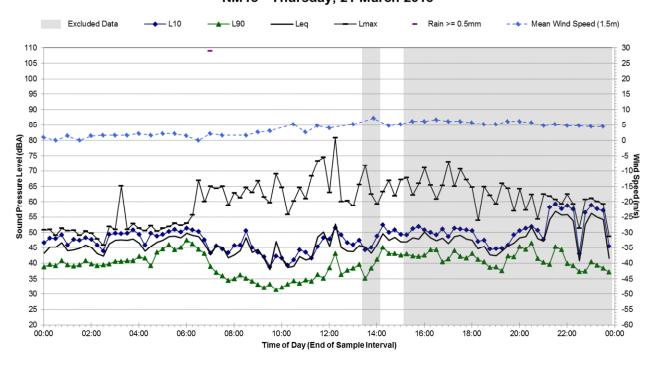
Statistical Ambient Noise Levels NM13 - Tuesday, 19 March 2013

Statistical Ambient Noise Levels NM13 - Wednesday, 20 March 2013



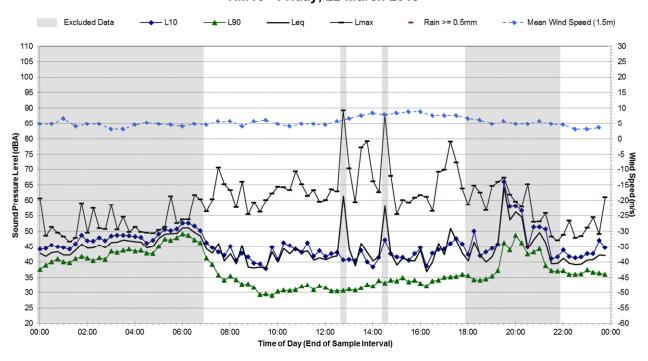
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Ambient Noise Monitoring Results



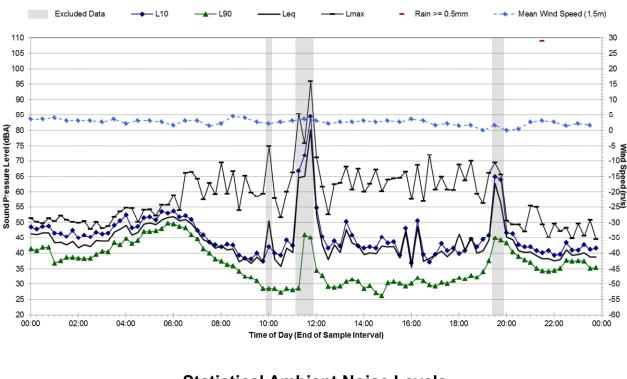
Statistical Ambient Noise Levels NM13 - Thursday, 21 March 2013

Statistical Ambient Noise Levels NM13 - Friday, 22 March 2013



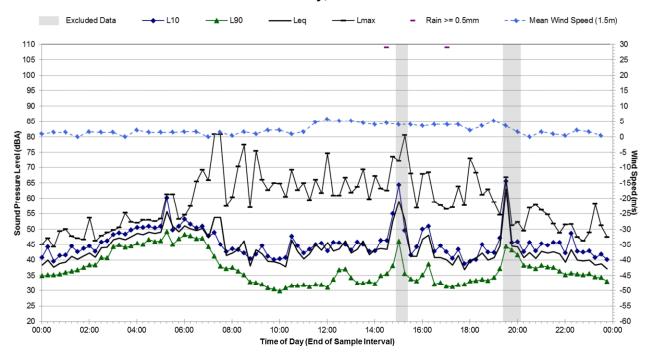
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Ambient Noise Monitoring Results



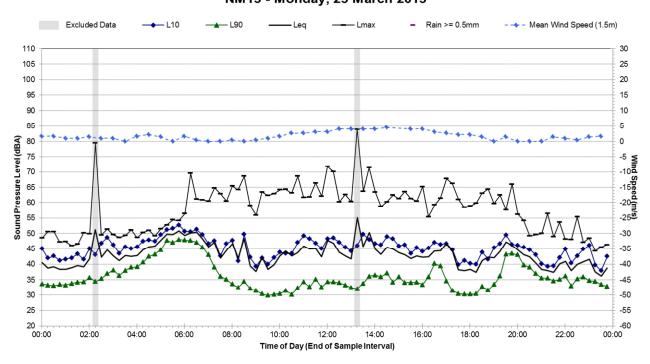
Statistical Ambient Noise Levels NM13 - Saturday, 23 March 2013

Statistical Ambient Noise Levels NM13 - Sunday, 24 March 2013



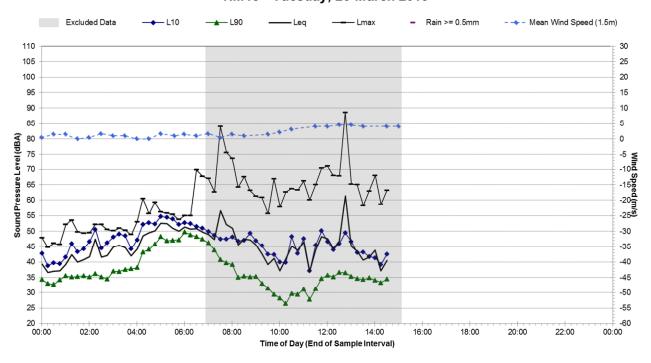
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Ambient Noise Monitoring Results



Statistical Ambient Noise Levels NM13 - Monday, 25 March 2013

Statistical Ambient Noise Levels NM13 - Tuesday, 26 March 2013



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Ambient Noise Monitoring Results

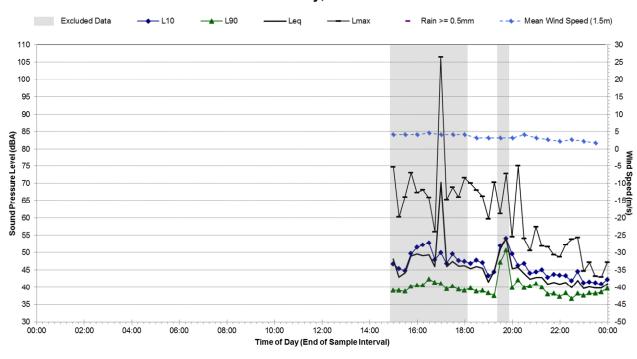
Noise Monitoring Loca	ation: I	NM14			Map of Noise Monitoring Location
Noise Monitoring Add	ress:	I7 Ridgewood Drive,	Raleigh		
Logger Device Type: Sv	antek 957				
Logger Serial No: 24522	2				
Ambient noise logger de located in rear yard on s				ood Drive, Raleigh. Logger	
Attended noise measure traffic noise from Pacific				ation is dominated by road	Landstitus 13 - tri fadaravo ad art fatalujus
Recorded Noise Levels	(LAmax):				Periodic and the second of the second s
Pacific Hwy road traffic: Wind in trees: 22-32 dB/		s: 39-75 dBA; Insects:	35-46 dBA; Metal s	sheet creaking: 40-41 dBA;	Google earth
Ambient Noise Loggin	ig Results – INP	Defined Time Period	ds		Photo of Noise Monitoring Location
Monitoring Period	Noise Lev	el (dBA)			
	RBL	LAeq	L10	L1	
Daytime	35	47	47	55	
Evening	37	46	44	48	
Night-time	34	41	40	43	

Monitoring Period		Noise Level (dBA)						
		Weekday LAeq(Per	riod) Week	end LAeq(Period)	Weekly LAeq(Period)			
Number of Valid Days		6	3		N/A (7 Day Average)			
Daytime (7am-10pm)		47	47		47			
Night-time (10pm-7am)		41	41		41			
Attended Noise	Measurer	nent Results						
Date Start		Time	Measured No	ise Level (dBA)				
		-	LA90	LAeq	LAmax			
11/03/2013	2:36		38	46	75			



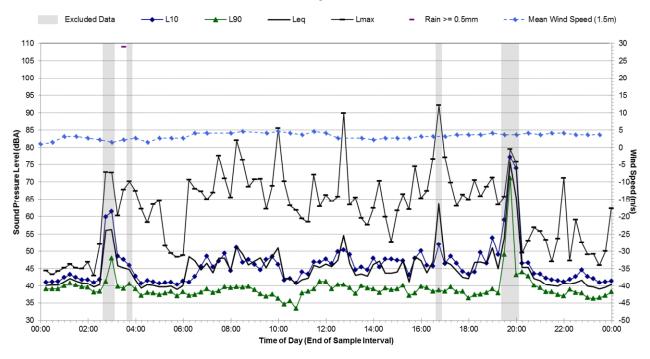
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Ambient Noise Monitoring Results



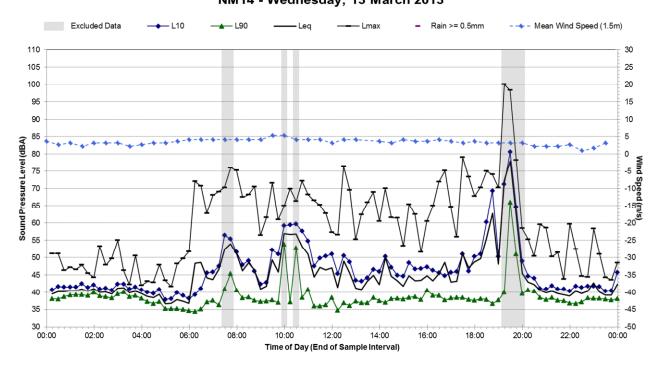
Statistical Ambient Noise Levels NM14 - Monday, 11 March 2013

Statistical Ambient Noise Levels NM14 - Tuesday, 12 March 2013



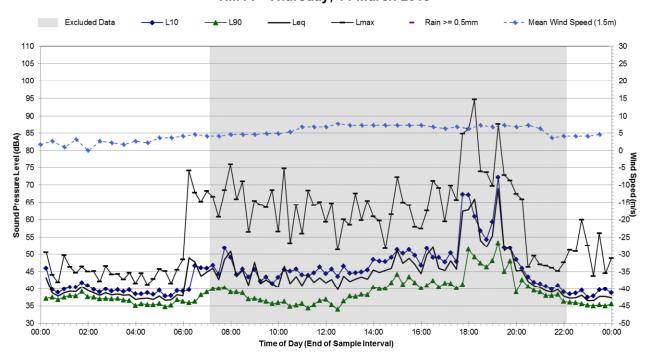
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Ambient Noise Monitoring Results



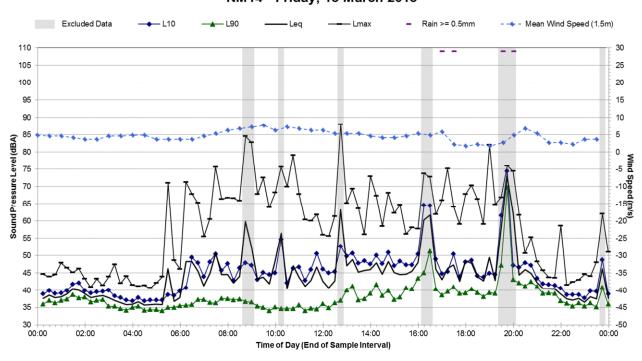
Statistical Ambient Noise Levels NM14 - Wednesday, 13 March 2013

Statistical Ambient Noise Levels NM14 - Thursday, 14 March 2013



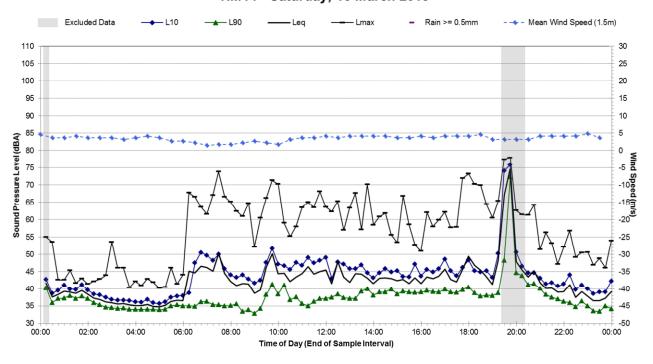
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Ambient Noise Monitoring Results



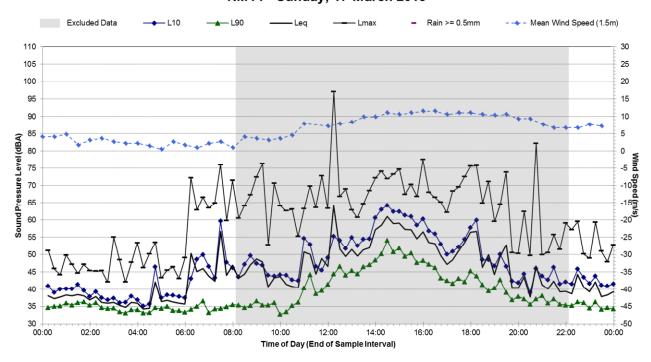
Statistical Ambient Noise Levels NM14 - Friday, 15 March 2013

Statistical Ambient Noise Levels NM14 - Saturday, 16 March 2013



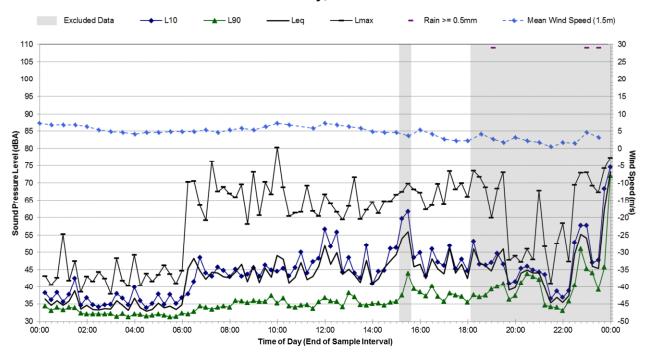
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Ambient Noise Monitoring Results



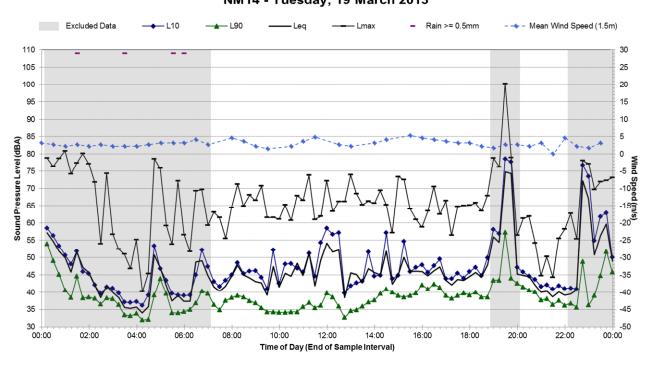
Statistical Ambient Noise Levels NM14 - Sunday, 17 March 2013

Statistical Ambient Noise Levels NM14 - Monday, 18 March 2013



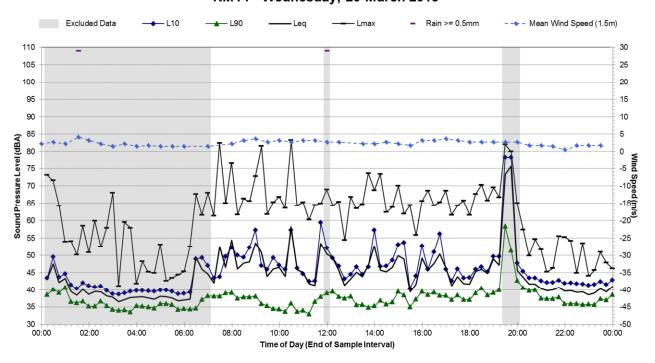
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Ambient Noise Monitoring Results



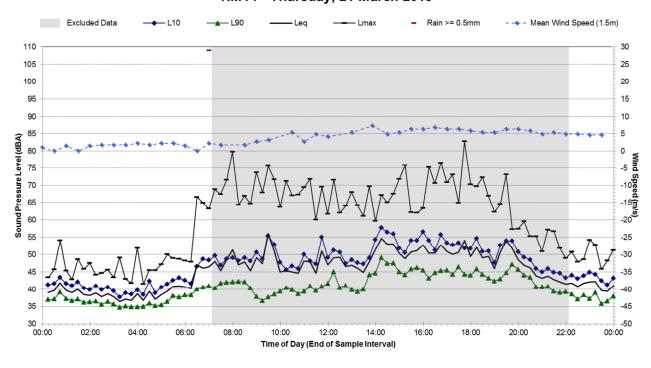
Statistical Ambient Noise Levels NM14 - Tuesday, 19 March 2013

Statistical Ambient Noise Levels NM14 - Wednesday, 20 March 2013



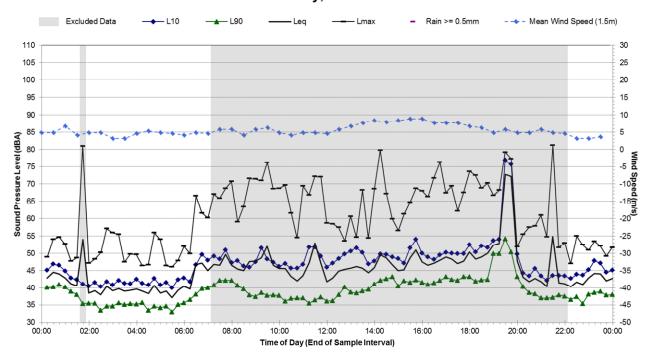
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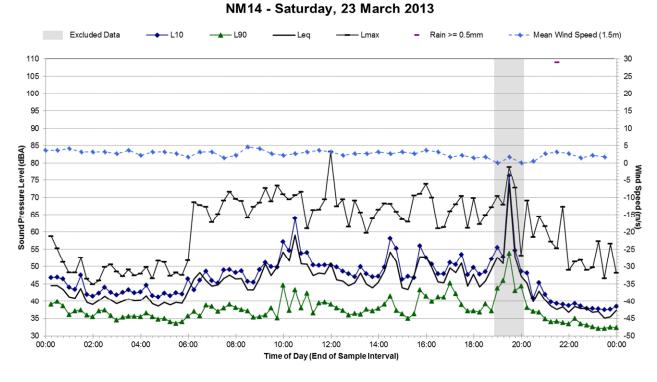
Statistical Ambient Noise Levels NM14 - Thursday, 21 March 2013

Statistical Ambient Noise Levels NM14 - Friday, 22 March 2013



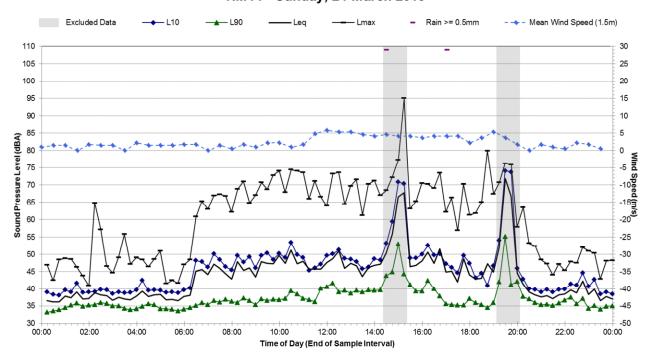
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Ambient Noise Monitoring Results



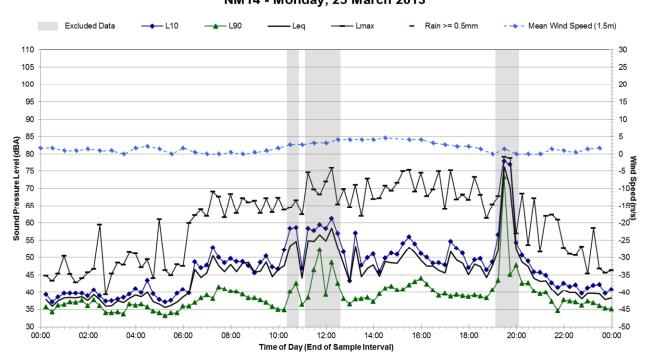
Statistical Ambient Noise Levels

Statistical Ambient Noise Levels NM14 - Sunday, 24 March 2013



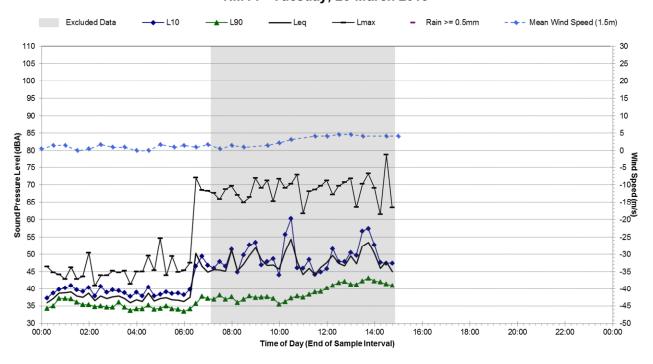
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Ambient Noise Monitoring Results



Statistical Ambient Noise Levels NM14 - Monday, 25 March 2013

Statistical Ambient Noise Levels NM14 - Tuesday, 26 March 2013



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Ambient Noise Monitoring Results

Noise Monitoring Location:	NM15	Map of Noise Monitoring Location

Noise Monitoring Address:

s: 79 Short Cut Road, Urunga

Logger Device Type: Svantek 957 Logger Serial No: 28045

Ambient noise logger deployed within the residential property address 79 Short Cut Road, Urunga. Logger located on eastern side of the dwelling.

Attended noise measurements indicate the ambient noise environment at this location is dominated by road traffic noise from Short Cut Road, Pacific Highway and bird noise during the daytime.

Recorded Noise Levels (LAmax):

- . .

Local road traffic: 42-55 dBA; Pacific Hwy road traffic: 42-50 dBA; Insects up to 44 dBA; Birds: 46-65 dBA; Tree (rustling) <40 dBA.

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Ale Country

Photo of Noise Monitoring Location



Monitoring Period	Noise Level (dBA)						
	RBL	LAeq	L10	L1			
Daytime	36	49	50	56			
Evening	38	46	47	51			
Night-time	33	42	44	47			

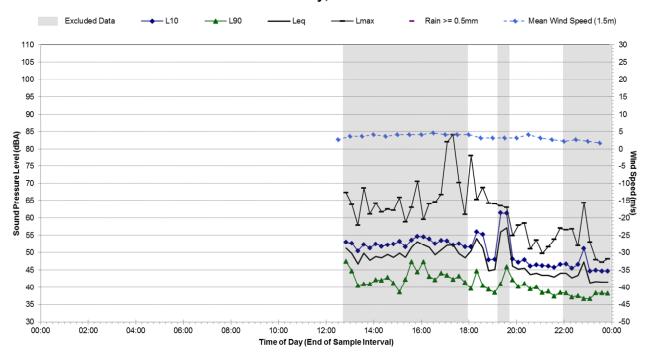
Ambient Noise Logging Results - RNP Defined Time Periods

Ambient Noise Logging Results – INP Defined Time Periods

od Noise Lev	Noise Level (dBA)					
Weekday	LAeq(Period) Week	end LAeq(Period)	Weekly LAeq(Period)			
I Days 8	2		N/A (7 Day Average)			
0pm) 48	48		48			
m-7am) 42	42		42			
Measurement Results						
Start Time	Measured No	oise Level (dBA)				
	LA90	LAeq	LAmax			
2:17 pm	42	47	65			
	Weekday I Days 8 0pm) 48 n-7am) 42 Measurement Results Start Time	Weekday LAeq(Period) Week I Days 8 2 0pm) 48 48 n-7am) 42 42 Measurement Results Start Time Measured No LA90 LA90	Weekday LAeq(Period) Weekend LAeq(Period) I Days 8 2 0pm) 48 48 n-7am) 42 42 Measurement Results 5 Start Time Measured Noise Level (dBA) LA90 LAeq			

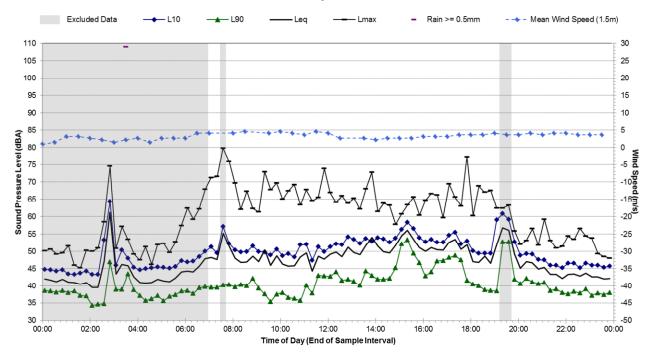
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Ambient Noise Monitoring Results



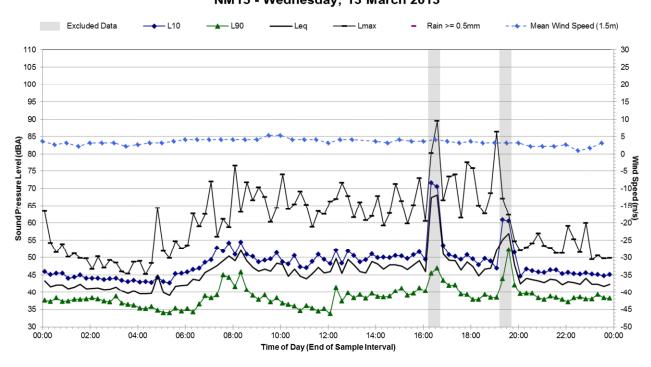
Statistical Ambient Noise Levels NM15 - Monday, 11 March 2013

Statistical Ambient Noise Levels NM15 - Tuesday, 12 March 2013



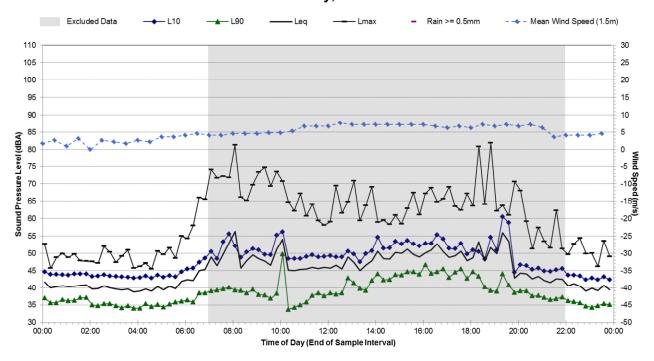
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Ambient Noise Monitoring Results



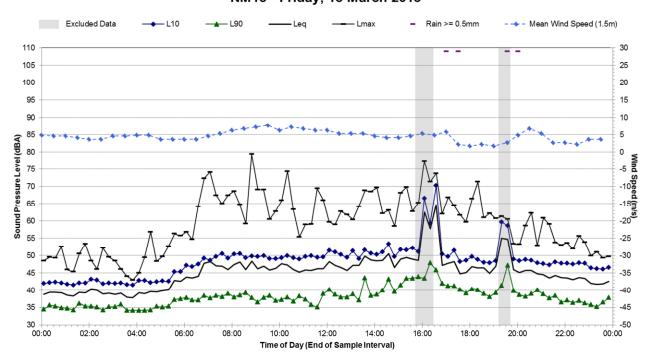
Statistical Ambient Noise Levels NM15 - Wednesday, 13 March 2013

Statistical Ambient Noise Levels NM15 - Thursday, 14 March 2013



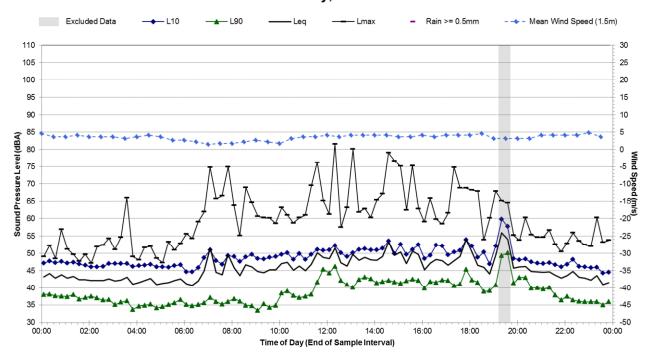
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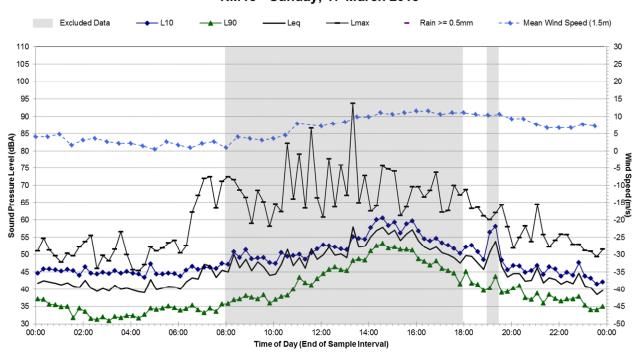
Statistical Ambient Noise Levels NM15 - Friday, 15 March 2013

Statistical Ambient Noise Levels NM15 - Saturday, 16 March 2013



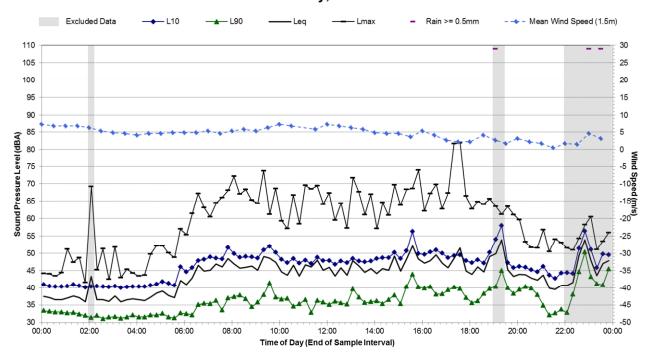
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Ambient Noise Monitoring Results



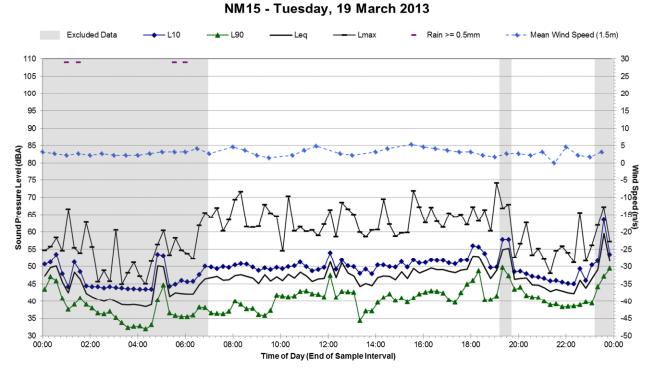
Statistical Ambient Noise Levels NM15 - Sunday, 17 March 2013

Statistical Ambient Noise Levels NM15 - Monday, 18 March 2013



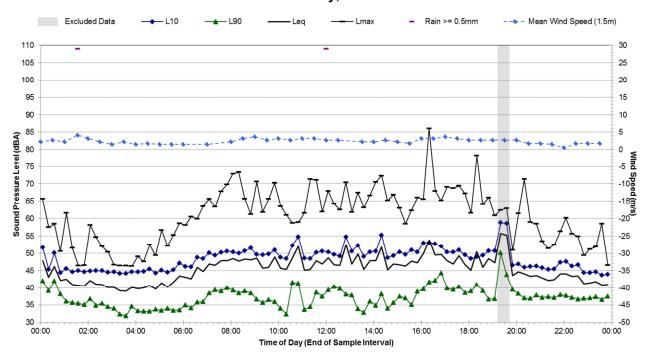
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Ambient Noise Monitoring Results



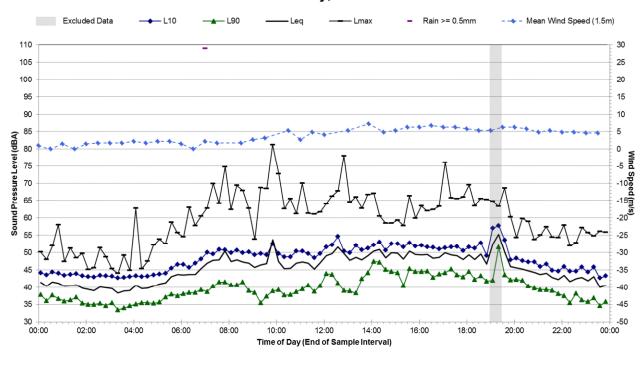
Statistical Ambient Noise Levels

Statistical Ambient Noise Levels NM15 - Wednesday, 20 March 2013



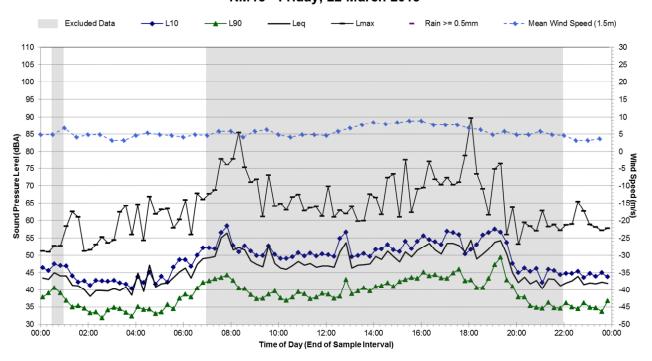
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Ambient Noise Monitoring Results



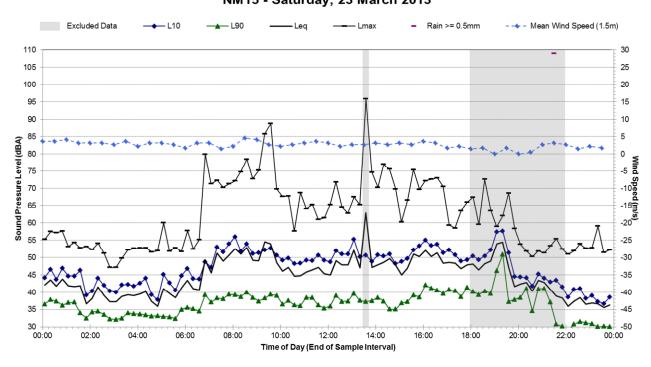
Statistical Ambient Noise Levels NM15 - Thursday, 21 March 2013

Statistical Ambient Noise Levels NM15 - Friday, 22 March 2013



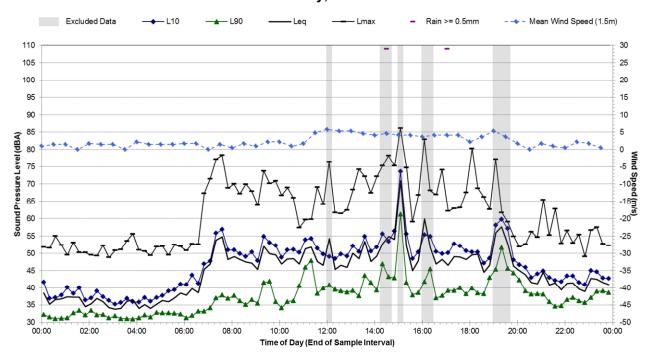
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Ambient Noise Monitoring Results



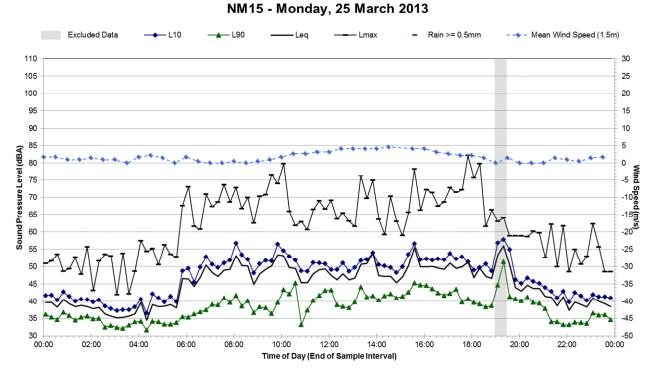
Statistical Ambient Noise Levels NM15 - Saturday, 23 March 2013

Statistical Ambient Noise Levels NM15 - Sunday, 24 March 2013



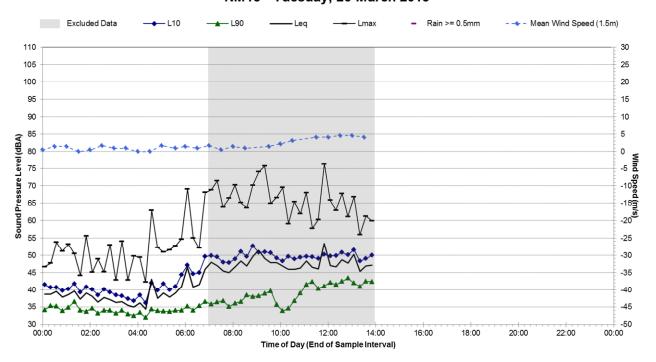
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Ambient Noise Monitoring Results



Statistical Ambient Noise Levels

Statistical Ambient Noise Levels NM15 - Tuesday, 26 March 2013



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Ambient Noise Monitoring Results

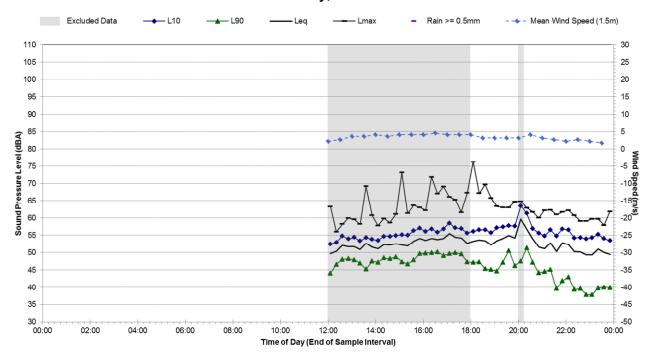
Noise Monitoring Location:	NM16			Map of Noise Monitoring Location
Noise Monitoring Address:	63 Waterfall Way, Ral	eigh		and the second
Logger Device Type: Svantek 957				
Logger Serial No: 27568				
Ambient noise logger deployed within to located on south-eastern side of the pr		ddress 63 Waterfa	all Way, Raleigh. Logger	
Attended noise measurements indicate traffic noise from Pacific Highway, inse from vehicle traffic on Waterfall Way ca	ects and birds noise durir	ng the daytime. Oc	, , , , , , , , , , , , , , , , , , ,	
Recorded Noise Levels (LAmax):				CALLER PROPERTY AND MUSIC AND
Insects: 30-55 dBA; Pacific Hwy road t Birds: 32-35 dBA; Dogs: 40-42 dBA; R		Local roads road ti	raffic noise: 54-57 dBA;	Coogle earth
Ambient Noise Logging Results - IN	IP Defined Time Period	s		Photo of Noise Monitoring Location
Monitoring Period Noise L	evel (dBA)			
RBL	LAeq	L10	L1	
Daytime 44	52	54	57	
Evening 41	52	55	58	
Night-time 35	49	53	57	
Ambient Noise Logging Results - R	NP Defined Time Perio	ds		

Monitoring Period		Noise Level (dBA)						
		Weekday LAeq(Perio	od) Weeke	nd LAeq(Period)	Weekly LAeq(Period)			
Number of Valid Days		6	3		N/A (7 Day Average)			
Daytime (7am-10pm)		52	51		52			
Night-time (10pm-7am)		50	45		49			
Attended Noise	Measureme	nt Results						
Date Start		me N	leasured Nois	se Level (dBA)				
		L	A90	LAeq	LAmax			
11/03/2013	11:25 ar	n 4	2	48	58			



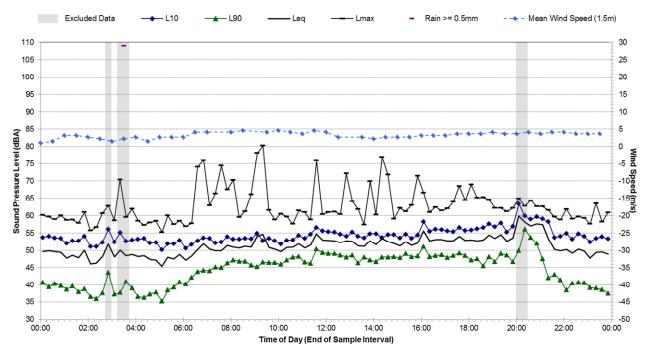
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Ambient Noise Monitoring Results



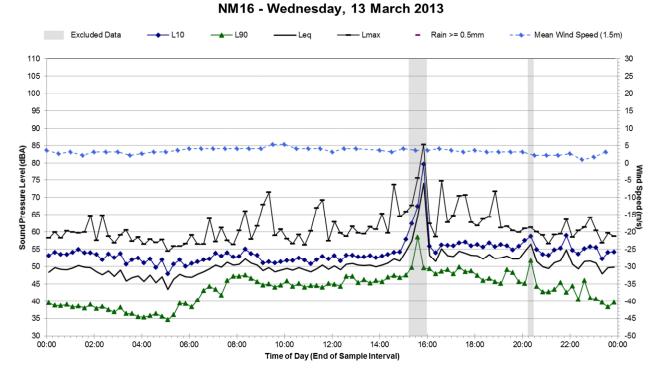
Statistical Ambient Noise Levels NM16 - Monday, 11 March 2013

Statistical Ambient Noise Levels NM16 - Tuesday, 12 March 2013



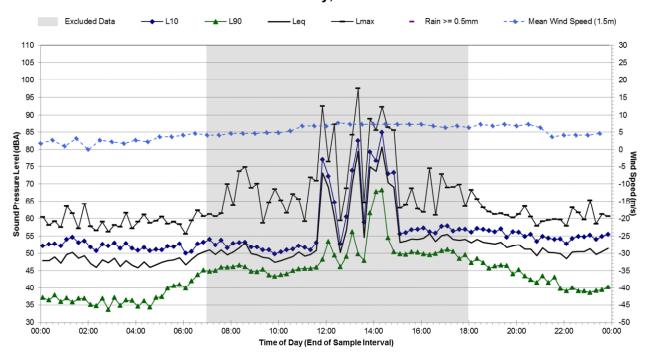
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Ambient Noise Monitoring Results



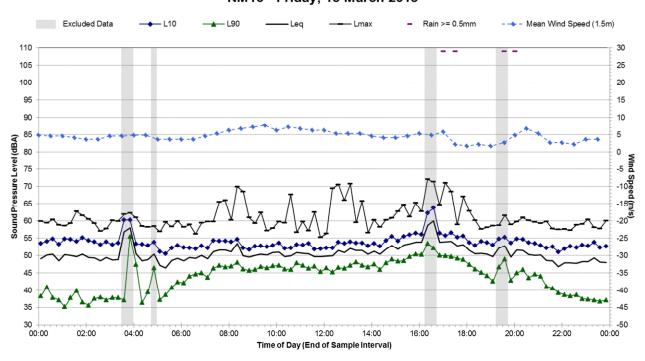
Statistical Ambient Noise Levels

Statistical Ambient Noise Levels NM16 - Thursday, 14 March 2013



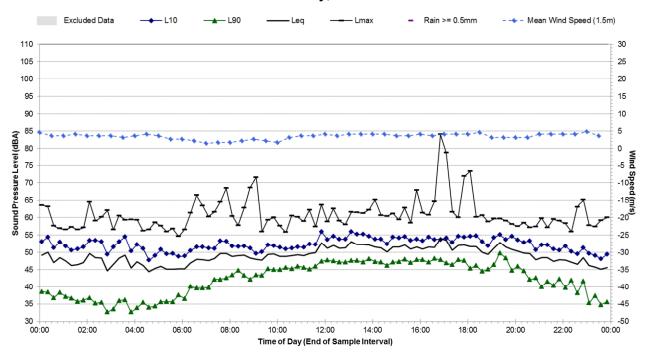
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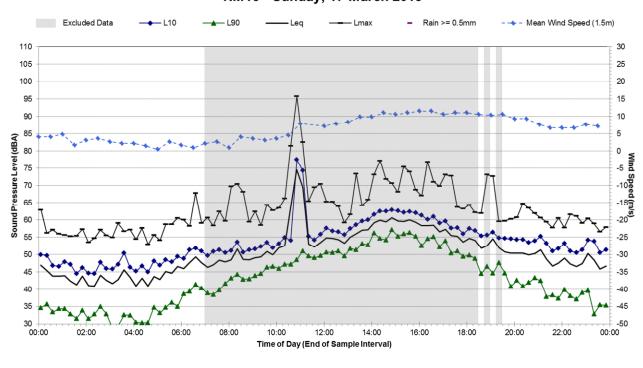
Statistical Ambient Noise Levels NM16 - Friday, 15 March 2013

Statistical Ambient Noise Levels NM16 - Saturday, 16 March 2013



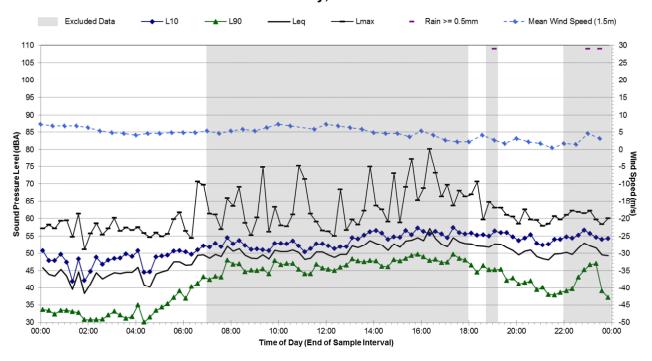
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Ambient Noise Monitoring Results



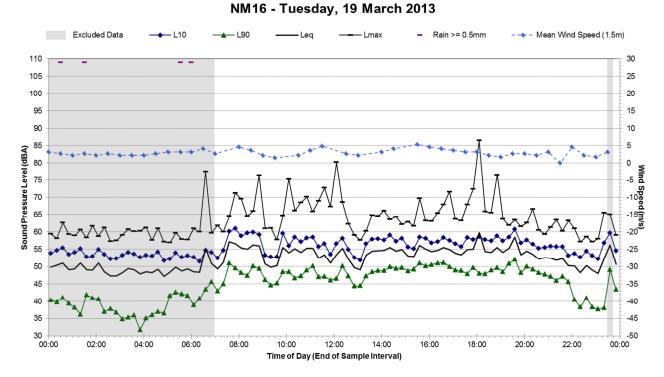
Statistical Ambient Noise Levels NM16 - Sunday, 17 March 2013

Statistical Ambient Noise Levels NM16 - Monday, 18 March 2013



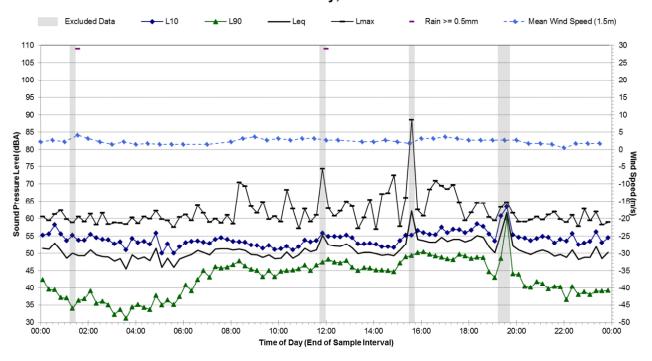
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Ambient Noise Monitoring Results



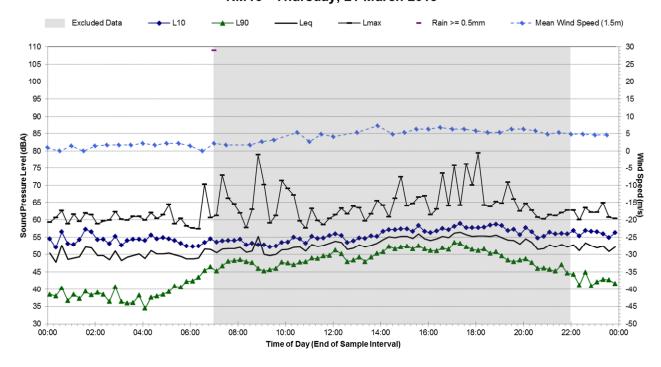
Statistical Ambient Noise Levels

Statistical Ambient Noise Levels NM16 - Wednesday, 20 March 2013



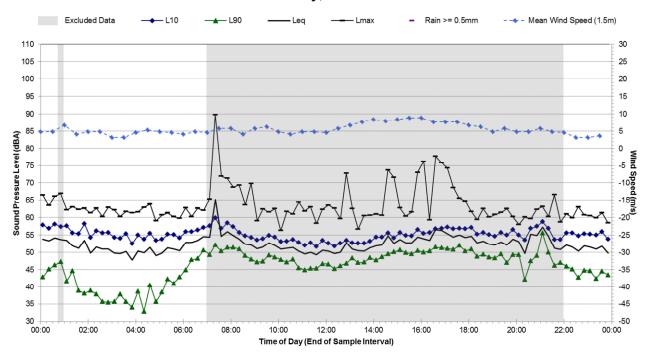
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Ambient Noise Monitoring Results



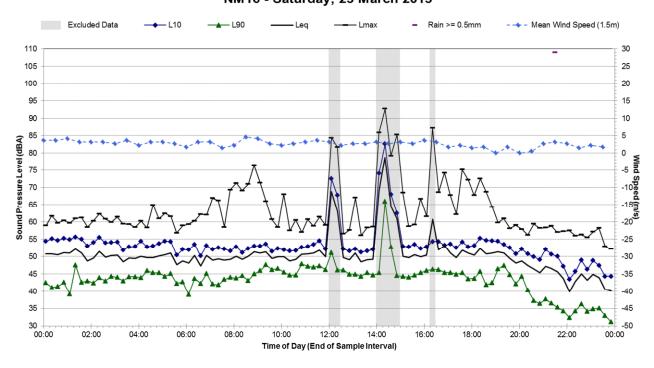
Statistical Ambient Noise Levels NM16 - Thursday, 21 March 2013

Statistical Ambient Noise Levels NM16 - Friday, 22 March 2013



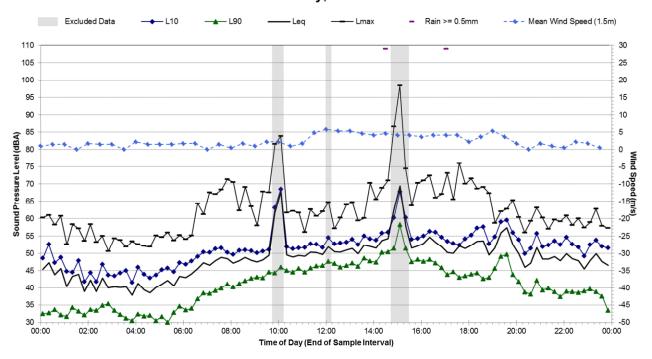
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Ambient Noise Monitoring Results



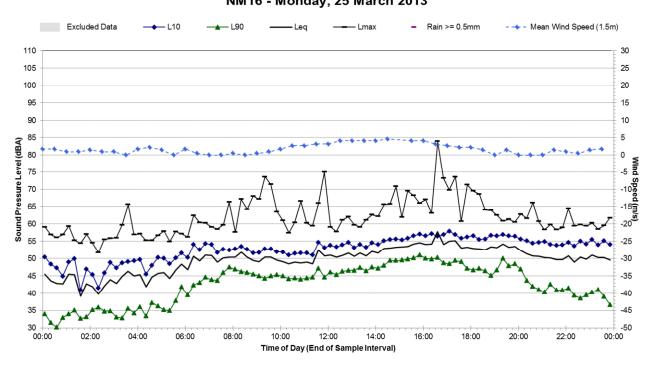
Statistical Ambient Noise Levels NM16 - Saturday, 23 March 2013

Statistical Ambient Noise Levels NM16 - Sunday, 24 March 2013



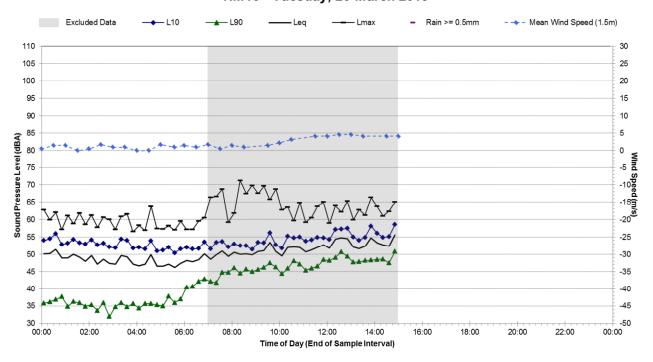
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Ambient Noise Monitoring Results



Statistical Ambient Noise Levels NM16 - Monday, 25 March 2013

Statistical Ambient Noise Levels NM16 - Tuesday, 26 March 2013



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Ambient Noise Monitoring Results

Noise Monitoring Location:	NM17	Map of Noise Monitoring Location
Noise Monitoring Address:	100 Old Pacific Highway, Raleigh	
Logger Device Type: Svantek 957		
Logger Serial No: 28048		

Ambient noise logger deployed within the residential property address 100 Old Pacific Highway, Raleigh. Logger located on western boundary of the property.

Attended noise measurements indicate the ambient noise environment at this location is dominated by road traffic noise from Pacific Highway, insects and birds noise during the daytime. Tyre-pavement noise from vehicle traffic on local roads and discrete traffic noise level peaks from heavy vehicle movements can be heard at this location.

Recorded Noise Levels (LAmax):

Pacific Hwy road traffic noise: 50-62 dBA; Insects (approximate): 32-35 dBA; Birds: 40-42 dBA; Animal noise (horses) audible.

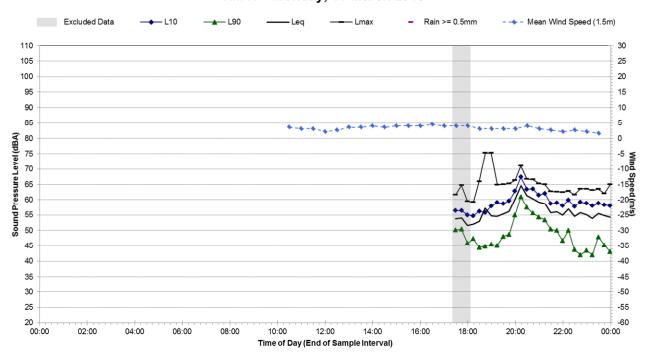


Ambient Noise Logging	Results – INP	Defined Time	Periods		Photo of Noise Monitoring Locat
Monitoring Period	Noise Leve	el (dBA)			
	RBL	LAeq	L10	L1	
Daytime	47	54	56	59	
Evening	45	57	58	61	
Night-time	38	53	57	61	
Ambient Noise Logging	, Results – RNP	Defined Time	Periods		
Monitoring Period	Noise Leve	el (dBA)			
	Weekday L	Aeq(Period)	Weekend LAeq(Period) Weekly LAeq(Period)	
Number of Valid Days	8		2	N/A (7 Day Average)	
Daytime (7am-10pm)	55		54	55	
Night-time (10pm-7am)	53		49	52	
Attended Noise Measur	ement Results				
Date Start	art Time	Time Measured Noise Level (dBA)			
		LA90	LAeq	LAmax	
11/03/2013 10:	43 am	47	51	62	



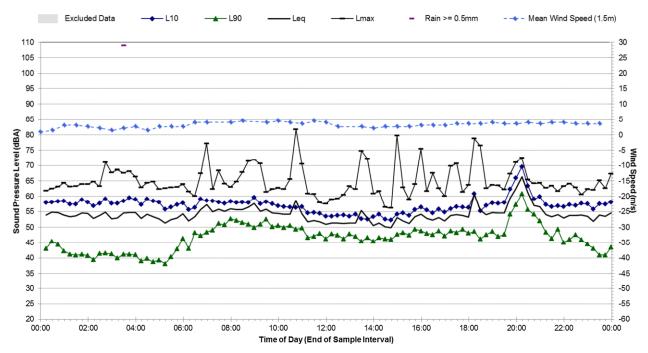
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Ambient Noise Monitoring Results



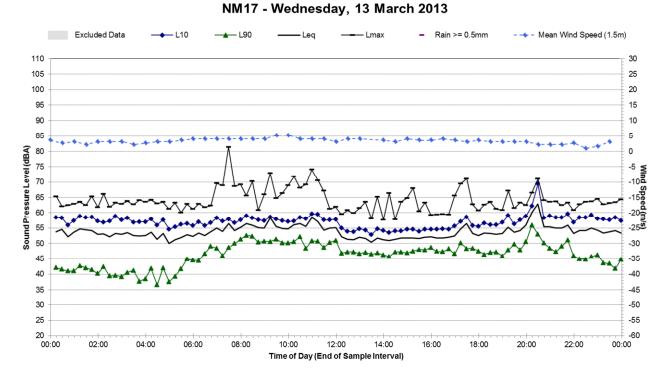
Statistical Ambient Noise Levels NM17 - Monday, 11 March 2013

Statistical Ambient Noise Levels NM17 - Tuesday, 12 March 2013



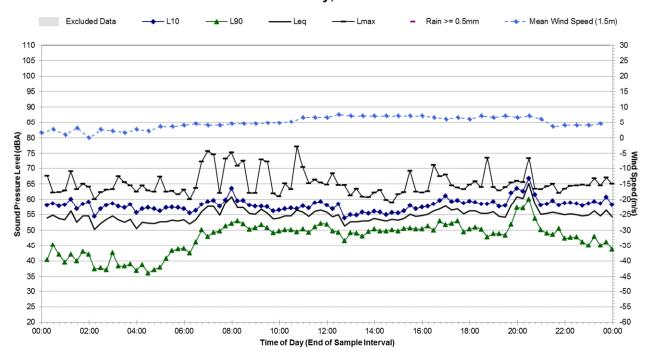
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Ambient Noise Monitoring Results



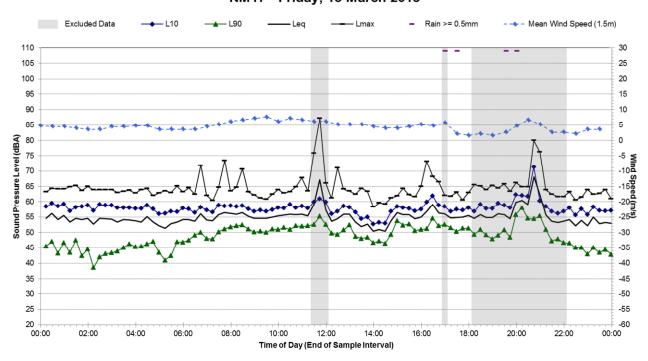
Statistical Ambient Noise Levels

Statistical Ambient Noise Levels NM17 - Thursday, 14 March 2013



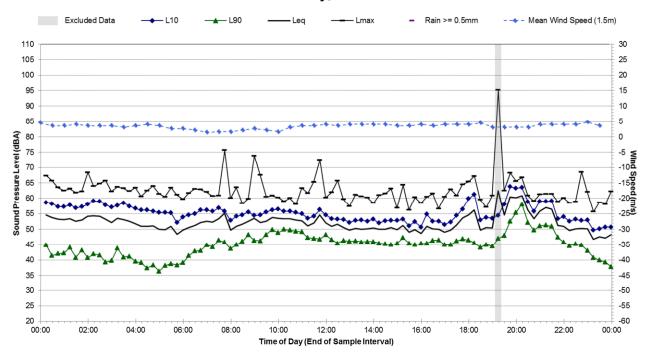
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Ambient Noise Monitoring Results



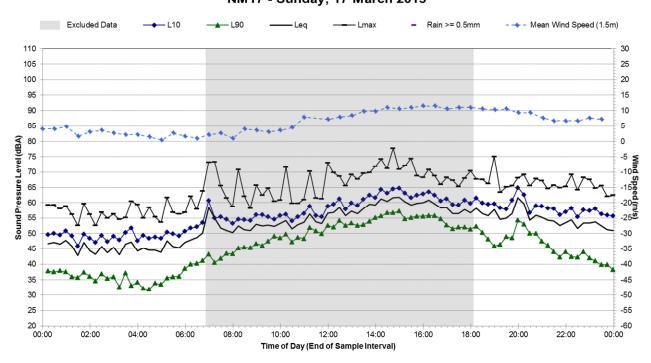
Statistical Ambient Noise Levels NM17 - Friday, 15 March 2013

Statistical Ambient Noise Levels NM17 - Saturday, 16 March 2013



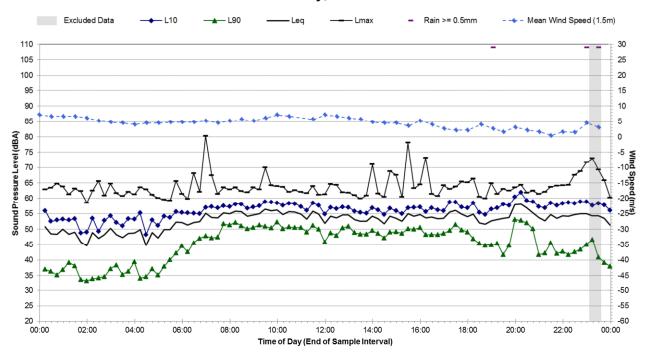
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Ambient Noise Monitoring Results



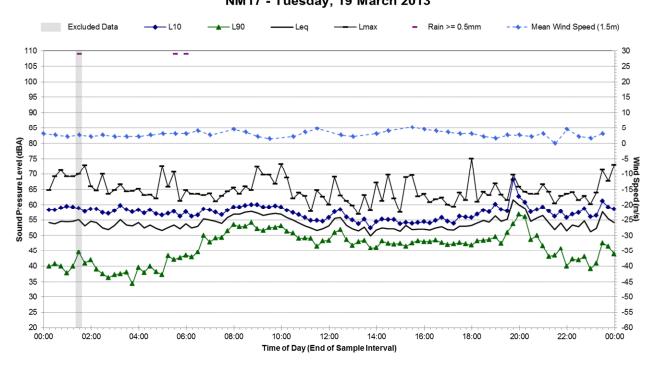
Statistical Ambient Noise Levels NM17 - Sunday, 17 March 2013

Statistical Ambient Noise Levels NM17 - Monday, 18 March 2013



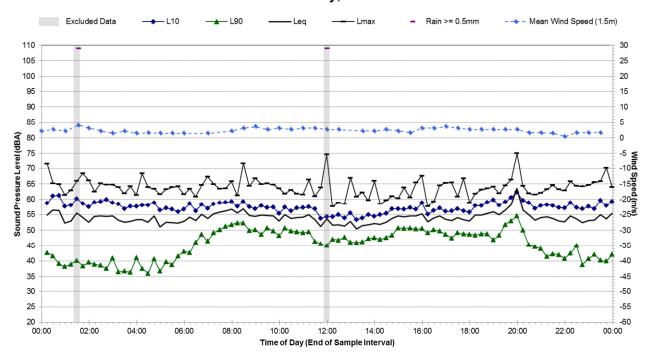
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Ambient Noise Monitoring Results



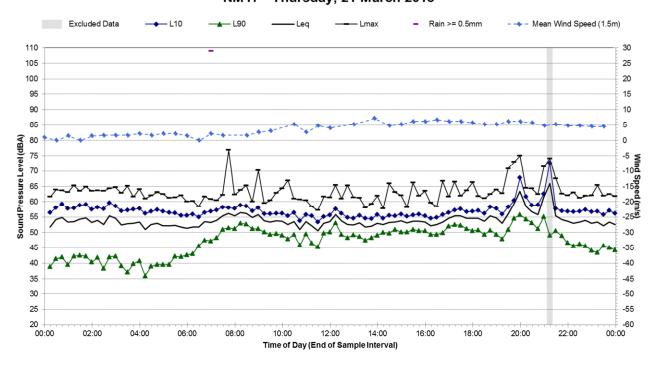
Statistical Ambient Noise Levels NM17 - Tuesday, 19 March 2013

Statistical Ambient Noise Levels NM17 - Wednesday, 20 March 2013



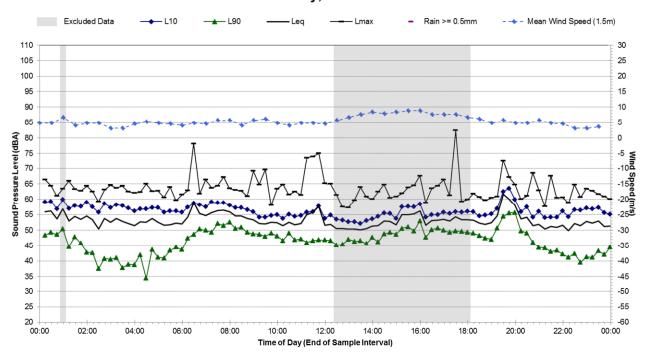
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Ambient Noise Monitoring Results



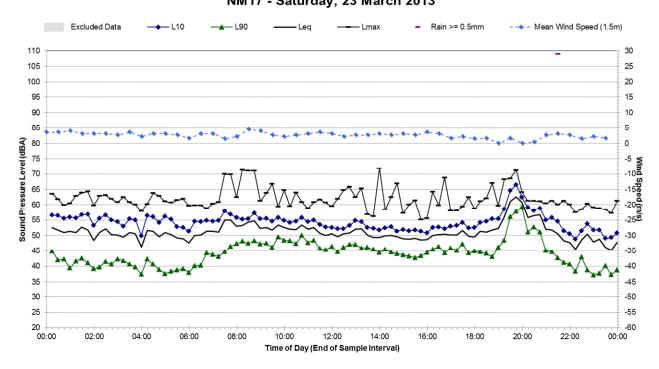
Statistical Ambient Noise Levels NM17 - Thursday, 21 March 2013

Statistical Ambient Noise Levels NM17 - Friday, 22 March 2013



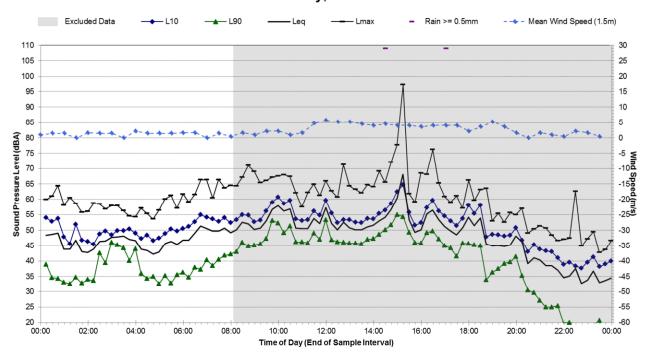
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Ambient Noise Monitoring Results



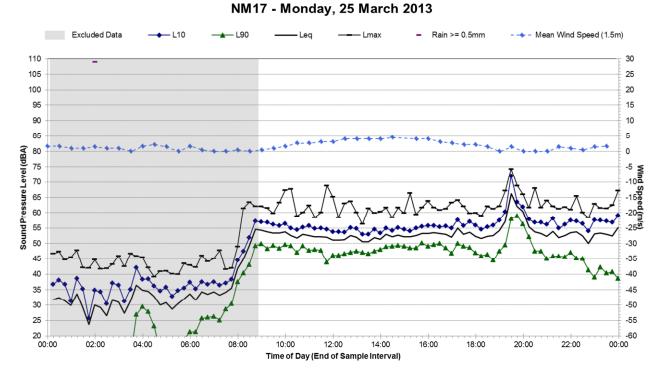
Statistical Ambient Noise Levels NM17 - Saturday, 23 March 2013

Statistical Ambient Noise Levels NM17 - Sunday, 24 March 2013



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Ambient Noise Monitoring Results



Statistical Ambient Noise Levels

Statistical Ambient Noise Levels NM17 - Tuesday, 26 March 2013

