

Appendix A

Assessment locations

Table A.1 Assessment locations (GDA94)

Assessment location (Figure 2.1)	Easting	Northing	Classification	NCA ¹	Adopted RBL (Day/Evening/Night)
1	249331	6180137	Private residence	NCA1	30/30/30
2	249437	6179316	Private residence	NCA1	30/30/30
3	249778	6179270	Private residence	NCA1	30/30/30
4	250179	6179619	Private residence	NCA1	30/30/30
5	250325	6179786	Private residence	NCA1	30/30/30
6	250411	6179920	Private residence	NCA1	30/30/30
7	250453	6180020	Private residence	NCA1	30/30/30
8	250691	6180085	Private residence	NCA1	30/30/30
10	250899	6179919	Private residence	NCA1	30/30/30
12	251130	6179599	Private residence	NCA1	30/30/30
13	251208	6179744	Private residence	NCA1	30/30/30
14A, 14B	251498	6180116	Private residence	NCA1	30/30/30
15	251961	6180040	Private residence	NCA1	30/30/30
16	252354	6179922	Private residence	NCA1	30/30/30
17	252944	6179582	Private residence	NCA7	41/41/35
18	253254	6180054	Private residence	NCA7	41/41/35
19	253868	6179400	Private residence	NCA2	30/30/30
20	254482	6179446	Private residence	NCA3	35/34/31
21	254600	6179219	Private residence	NCA3	35/34/31
22	254975	6178785	Private residence	NCA3	35/34/31
23	255316	6180322	Private residence	NCA3	35/34/31
24	254072	6180006	Private residence	NCA2	30/30/30
25	257161	6176673	Private residence	NCA4	30/30/30
26	257713	6177294	Private residence	NCA4	30/30/30
27	257854	6176648	Private residence	NCA4	30/30/30
28	259028	6176937	Private residence	NCA4	30/30/30
29	259248	6176172	Private residence	NCA4	30/30/30
30	260449	6179342	Private residence	n/a ²	30/30/30
31	262512	6181117	Private residence	n/a ²	30/30/30
32	258925	6173965	Private residence	NCA3	35/34/31
33	254309	6171667	Private residence	NCA3	35/34/31
34	248854	6177002	Private residence	NCA1	30/30/30
35	248589	6176305	Private residence	NCA1	30/30/30
36	249040	6175659	Private residence	NCA1	30/30/30
37	249239	6175753	Private residence	NCA1	30/30/30
38	249775	6175047	Private residence	NCA1	30/30/30
39	250105	6175232	Private residence	NCA1	30/30/30
40	250002	6174979	Private residence	NCA1	30/30/30
41	250860	6175067	Private residence	NCA4	30/30/30
42	251015	6175282	Private residence	NCA4	30/30/30
43	251889	6174874	Private residence	NCA4	30/30/30

Table A.1 Assessment locations (GDA94)

Assessment location (Figure 2.1)	Easting	Northing	Classification	NCA¹	Adopted RBL (Day/Evening/Night)
44	251806	6175425	Private residence	NCA4	30/30/30
45	251721	6175576	Private residence	NCA4	30/30/30
46	251658	6175678	Private residence	NCA4	30/30/30
47	251644	6175801	Private residence	NCA4	30/30/30
48	251523	6175857	Private residence	NCA4	30/30/30
49	251349	6175937	Private residence	NCA7	41/41/35
50	251590	6176084	Private residence	NCA4	30/30/30
51	251712	6176412	Private residence	NCA4	30/30/30
52	251719	6176510	Private residence	NCA7	41/41/35
53	251747	6176878	Private residence	NCA7	41/41/35
54	251942	6176680	Private residence	NCA4	30/30/30
55	251855	6177038	Private residence	NCA7	41/41/35
56	252060	6175654	Private residence	NCA4	30/30/30
57	252144	6175446	Private residence	NCA4	30/30/30
58	253004	6175706	Private residence	NCA4	30/30/30
59	252990	6176040	Private residence	NCA4	30/30/30
60	253327	6176403	Private residence	NCA4	30/30/30
61	253141	6176981	Private residence	NCA4	30/30/30
62	253520	6177082	Private residence	NCA4	30/30/30
63	252992	6177520	Private residence	NCA4	30/30/30
64	249668	6179892	Private residence	NCA1	30/30/30
65	249372	6180036	Private residence	NCA1	30/30/30
66	249870	6180074	Private residence	NCA1	30/30/30
67	249105	6180133	Private residence	NCA1	30/30/30
68	249561	6180167	Private residence	NCA1	30/30/30
69	254321	6180310	Private residence	NCA2	30/30/30
70	254816	6179911	Private residence	NCA3	35/34/31
71	254641	6180129	Private residence	NCA2	30/30/30
72	254939	6180279	Private residence	NCA3	35/34/31
73	255094	6179859	Private residence	NCA3	35/34/31
74	254548	6179564	Private residence	NCA3	35/34/31
75	254720	6176633	Private residence	NCA4	30/30/30
76	255026	6176571	Private residence	NCA4	30/30/30

Notes: 1. NCA = Noise catchment area.

2. Assessment locations are in nearby townships for Burradoo and Bowral (respectively) and do not fall into defined NCA's. Minimum RBL of 30 dB has been conservatively assumed.

Appendix B

Background noise monitoring summary and results

Table B.1 **BG1 background noise monitoring summary**

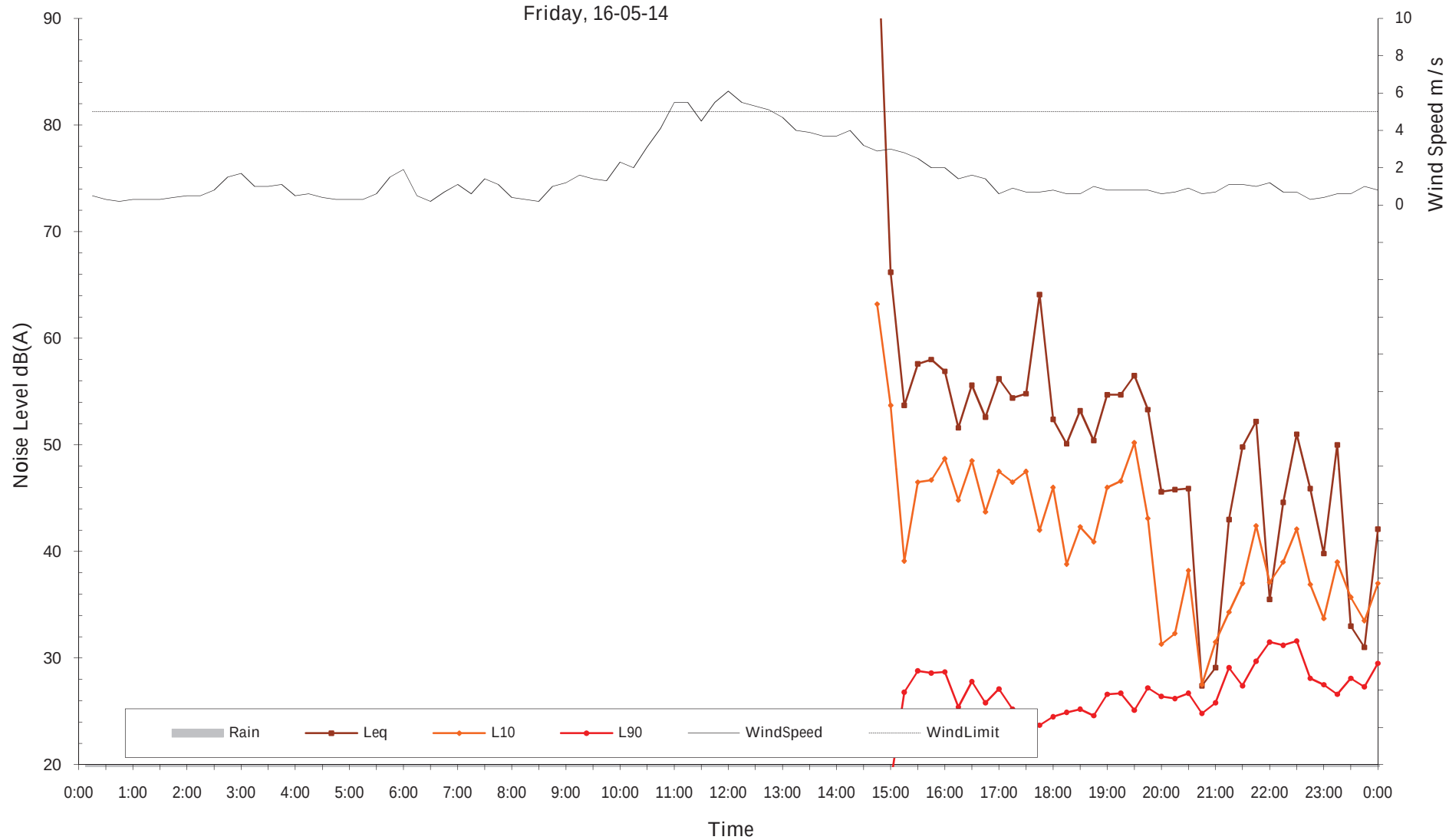
Date	ABL Day ²	ABL Evening ²	ABL Night ²
Autumn 2014			
Friday, 16-05-14	0	25	25
Saturday, 17-05-14	25	23	23
Sunday, 18-05-14	24	22	22
Monday, 19-05-14	26	23	23
Tuesday, 20-05-14	27	23	23
Wednesday, 21-05-14	24	23	23
Thursday, 22-05-14	26	22	23
Friday, 23-05-14	28	23	23
Saturday, 24-05-14	26	23	23
Sunday, 25-05-14	26	24	23
Monday, 26-05-14	0	0	0
Rating Background Level (RBL)¹	30 (26)³	30 (23)³	30 (23)³

Notes: 1. Adopted RBL shown in grey shading.

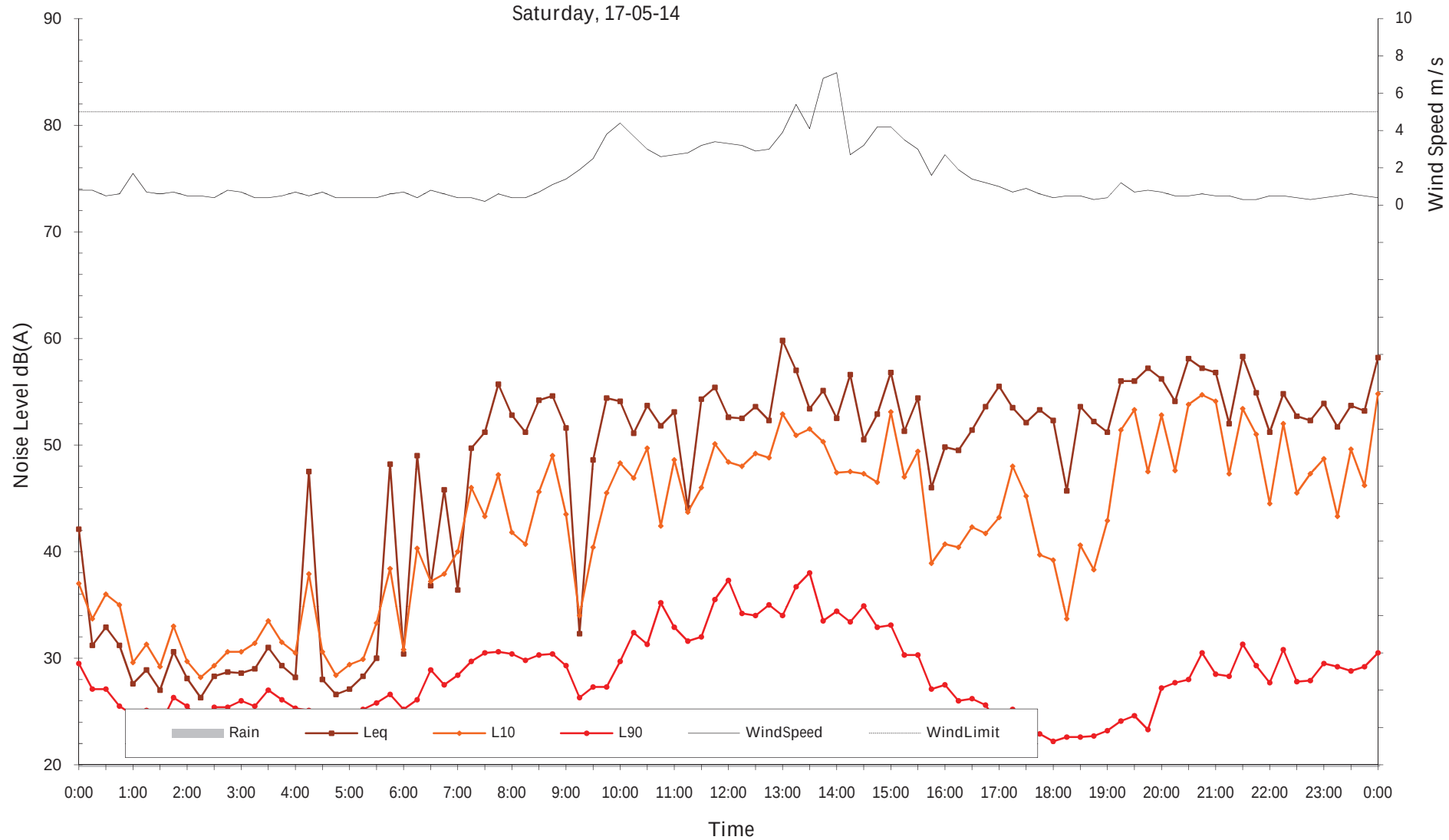
 2. A "0" indicates insufficient data samples due to adverse weather or other extraneous effects.

 3. Minimum 30 dB RBL adopted where recorded RBL is less than 30 dB.

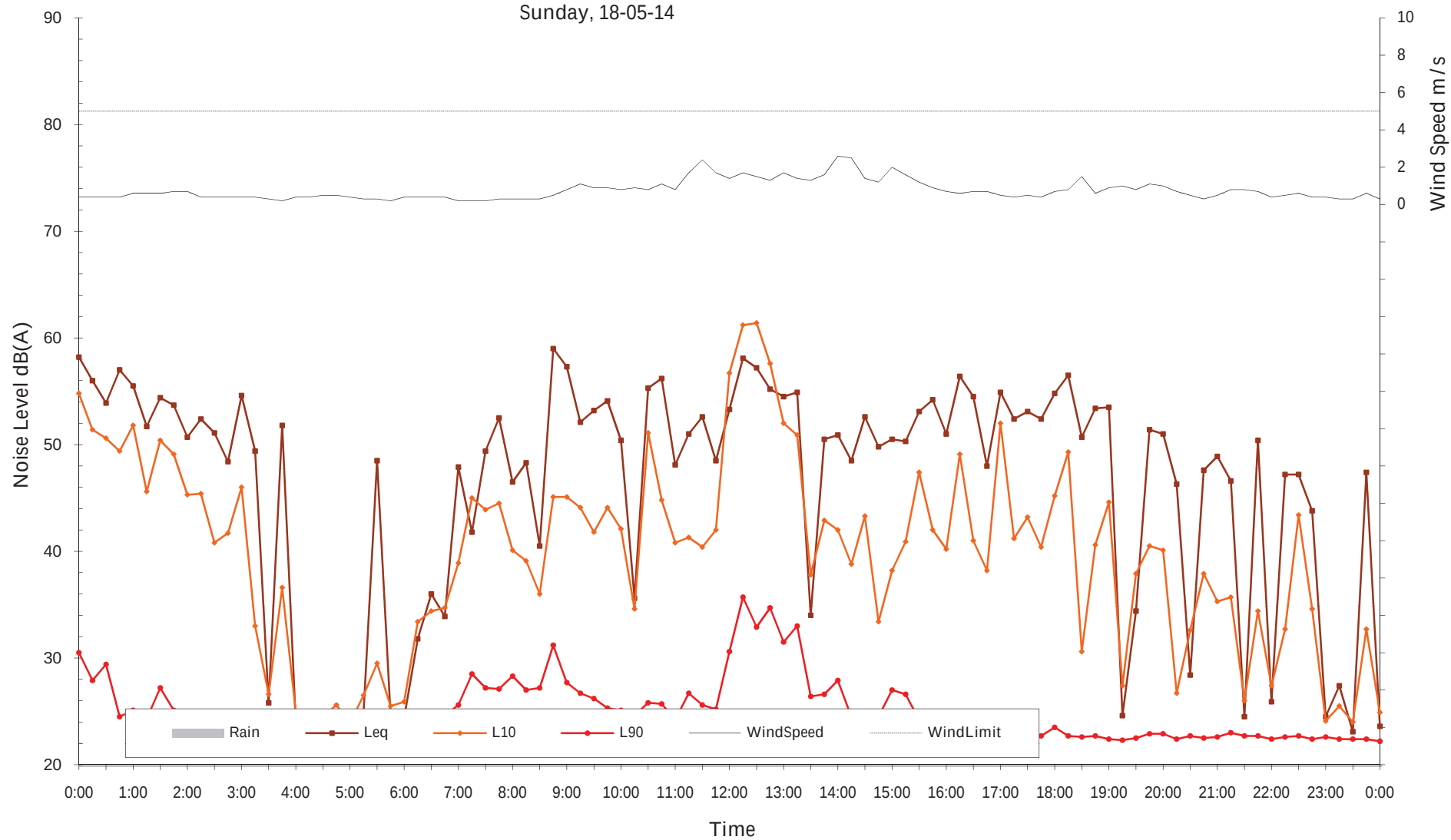
Measured Ambient Noise Levels
BG1 - Autumn 2014
Friday, 16-05-14



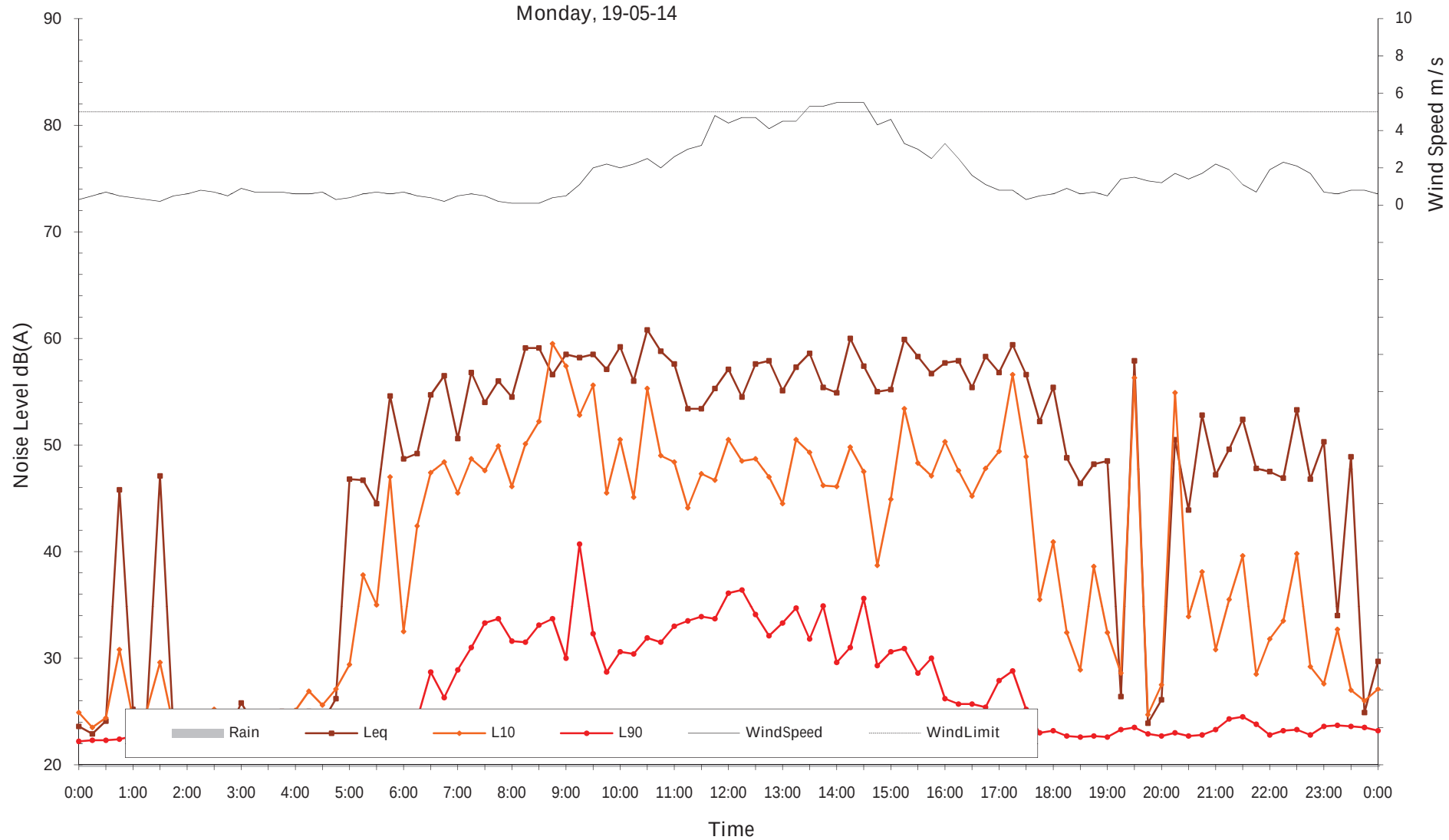
Measured Ambient Noise Levels
BG1 - Autumn 2014
Saturday, 17-05-14



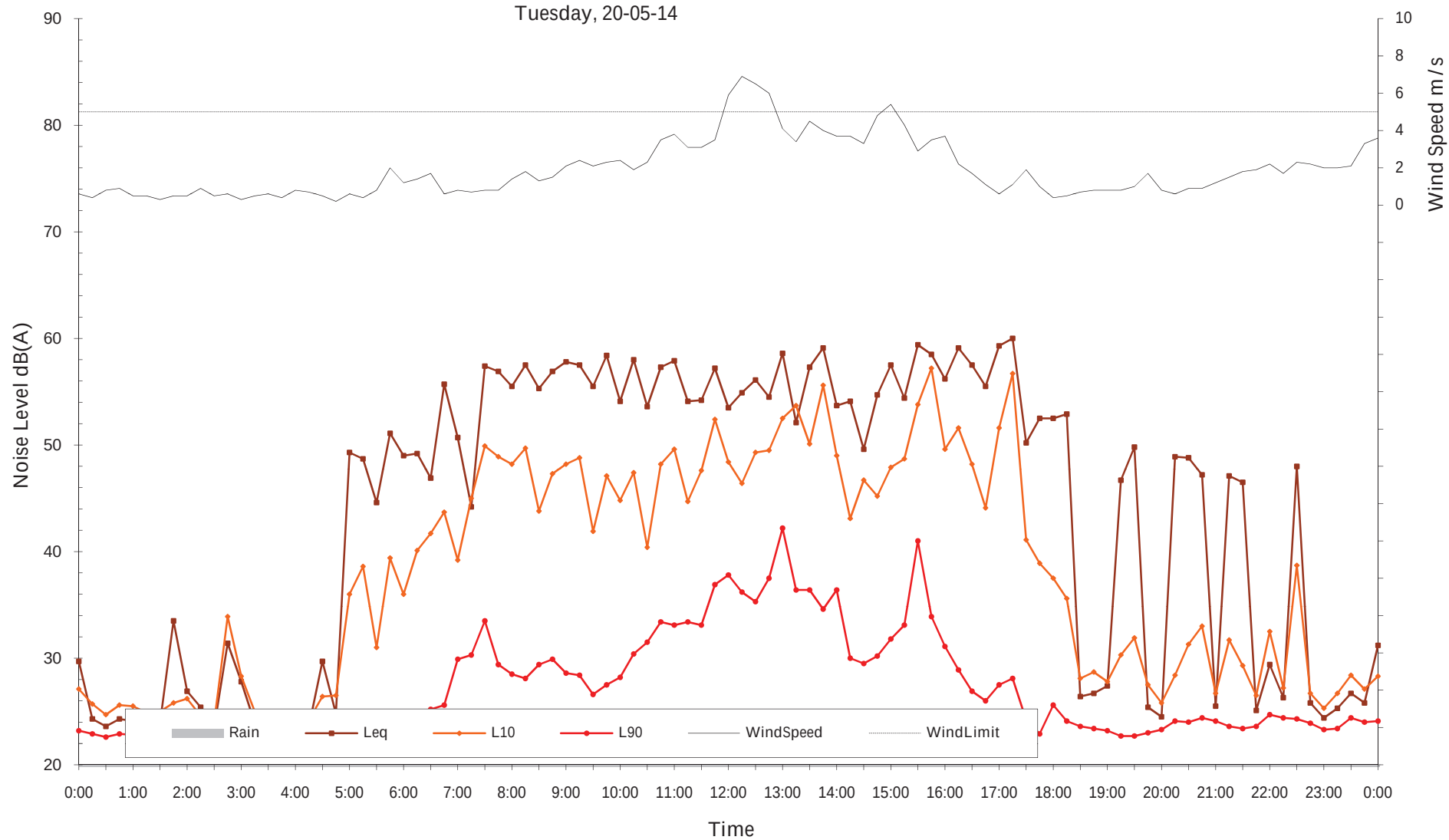
Measured Ambient Noise Levels
BG1 - Autumn 2014
Sunday, 18-05-14



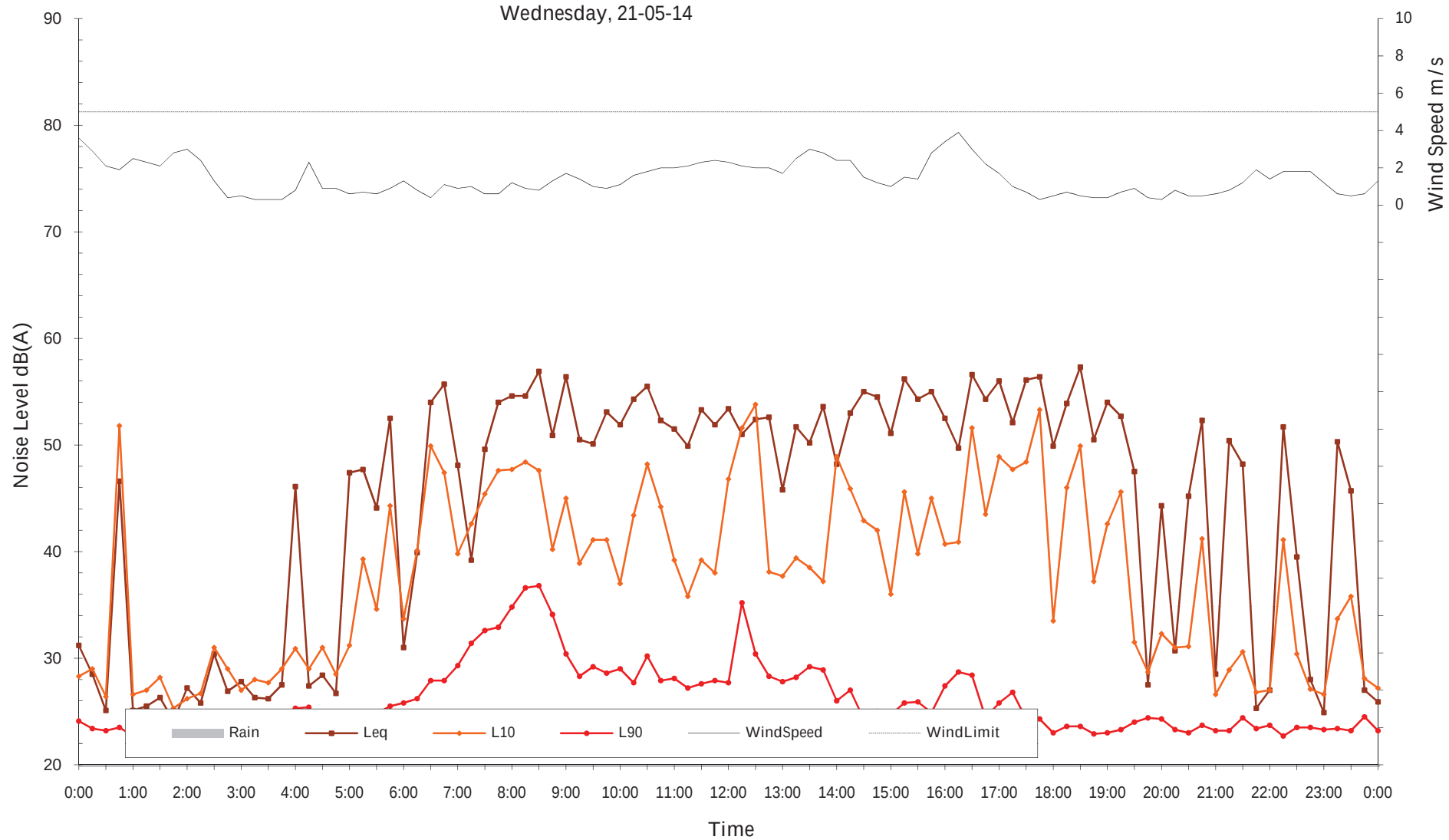
Measured Ambient Noise Levels
BG1 - Autumn 2014
Monday, 19-05-14



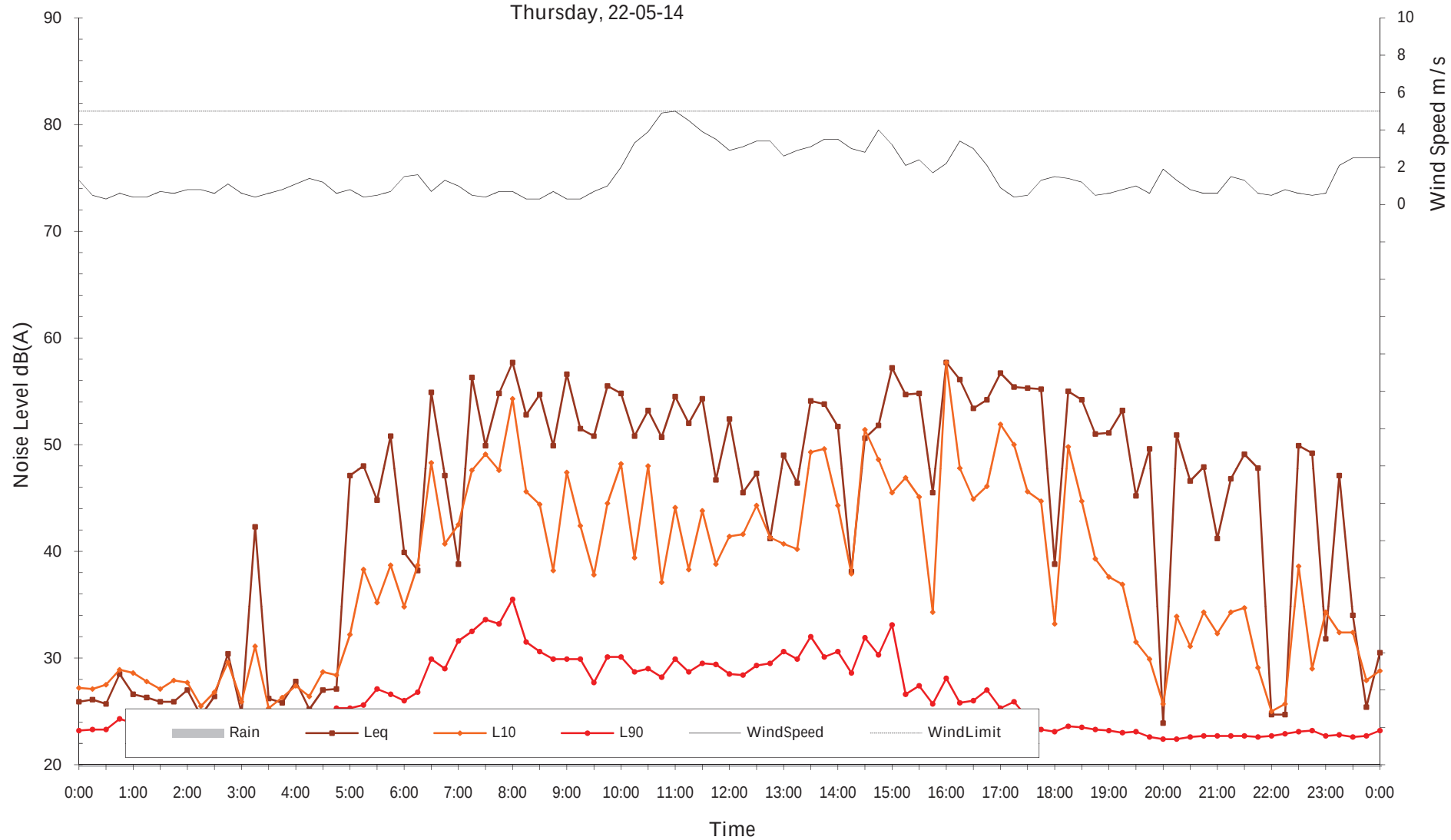
Measured Ambient Noise Levels
BG1 - Autumn 2014
Tuesday, 20-05-14



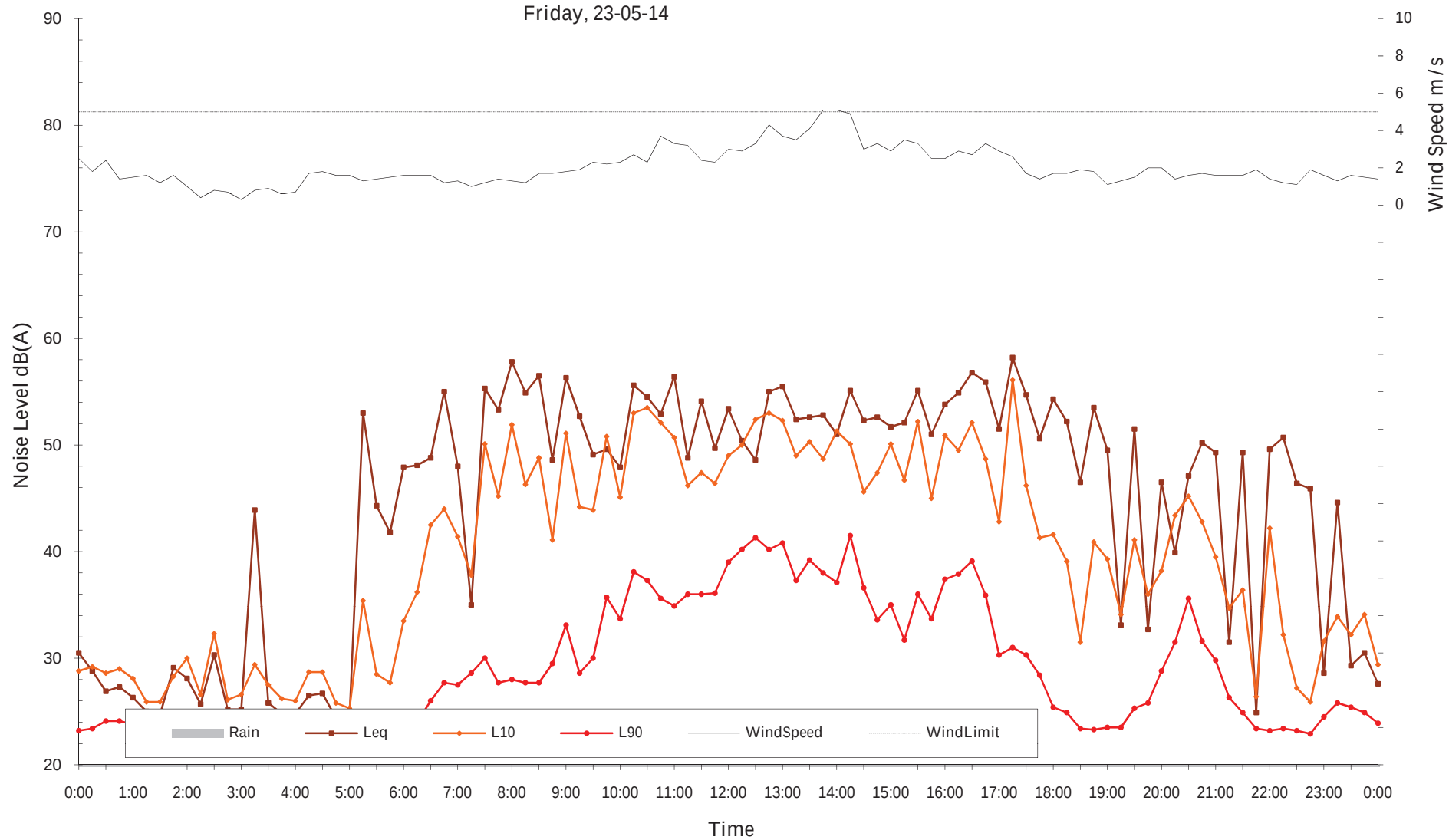
Measured Ambient Noise Levels
BG1 - Autumn 2014
Wednesday, 21-05-14



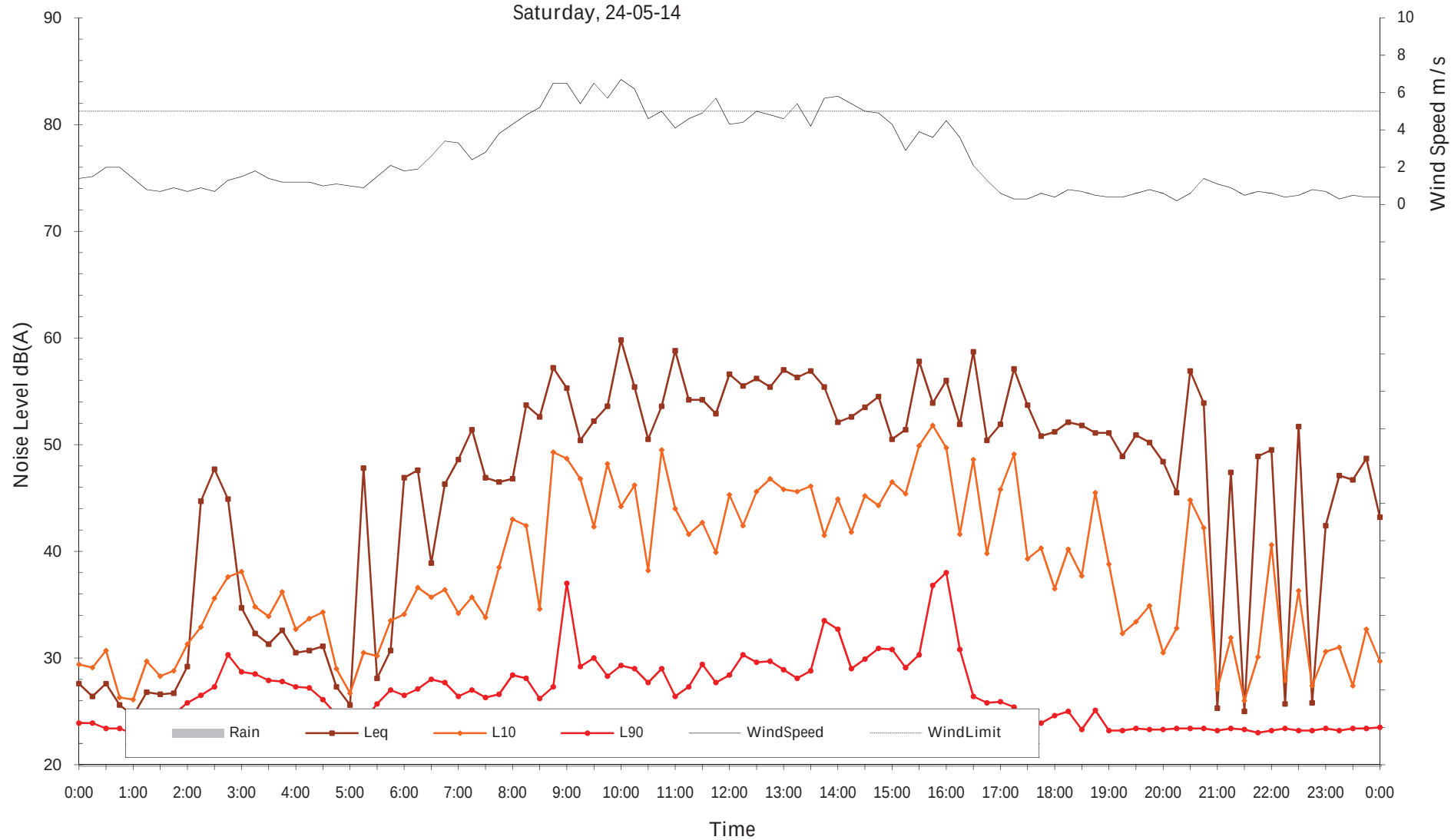
Measured Ambient Noise Levels
BG1 - Autumn 2014
Thursday, 22-05-14



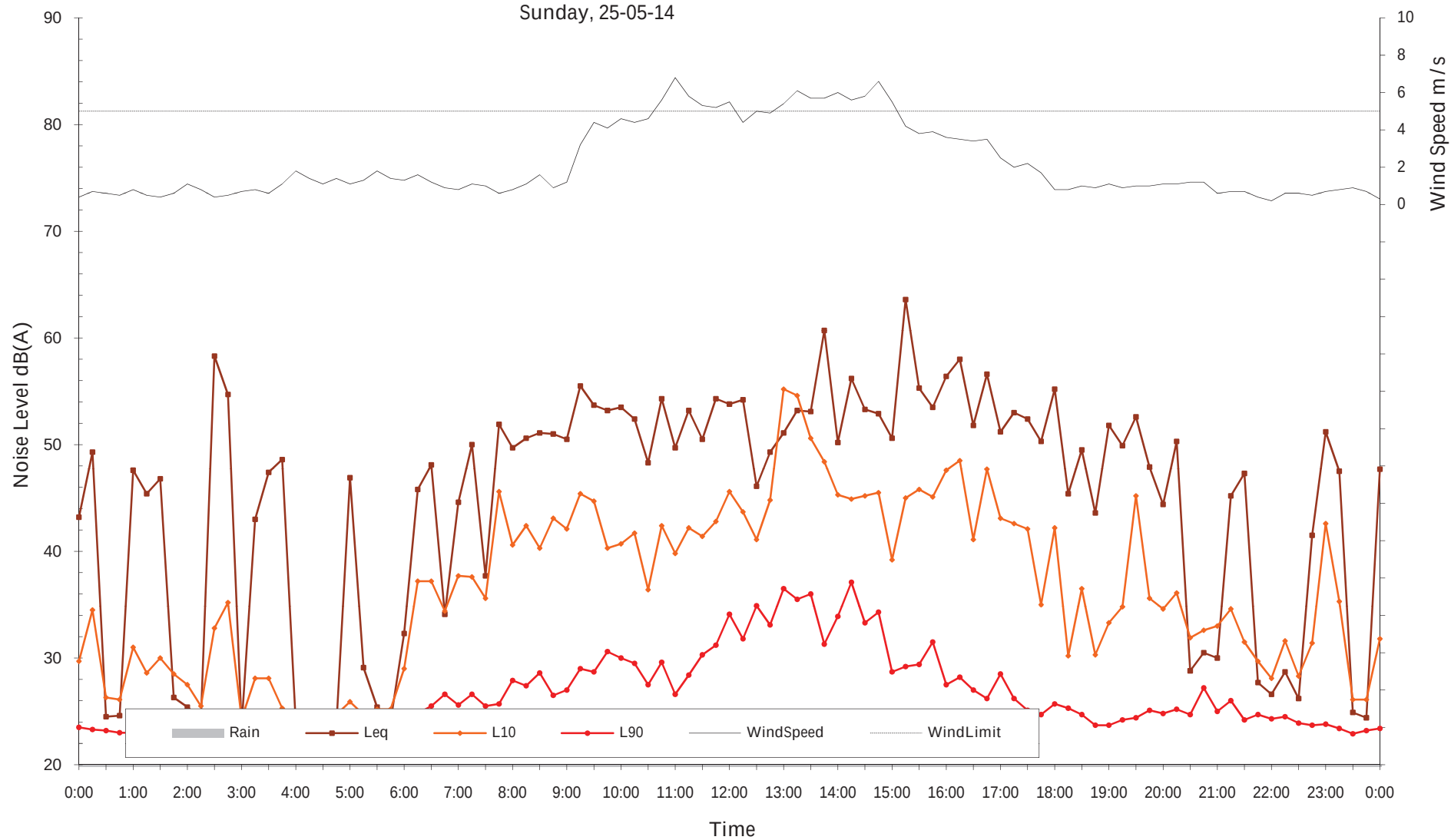
Measured Ambient Noise Levels
BG1 - Autumn 2014
Friday, 23-05-14



Measured Ambient Noise Levels
BG1 - Autumn 2014
Saturday, 24-05-14



Measured Ambient Noise Levels
BG1 - Autumn 2014
Sunday, 25-05-14



Measured Ambient Noise Levels
BG1 - Autumn 2014
Monday, 26-05-14

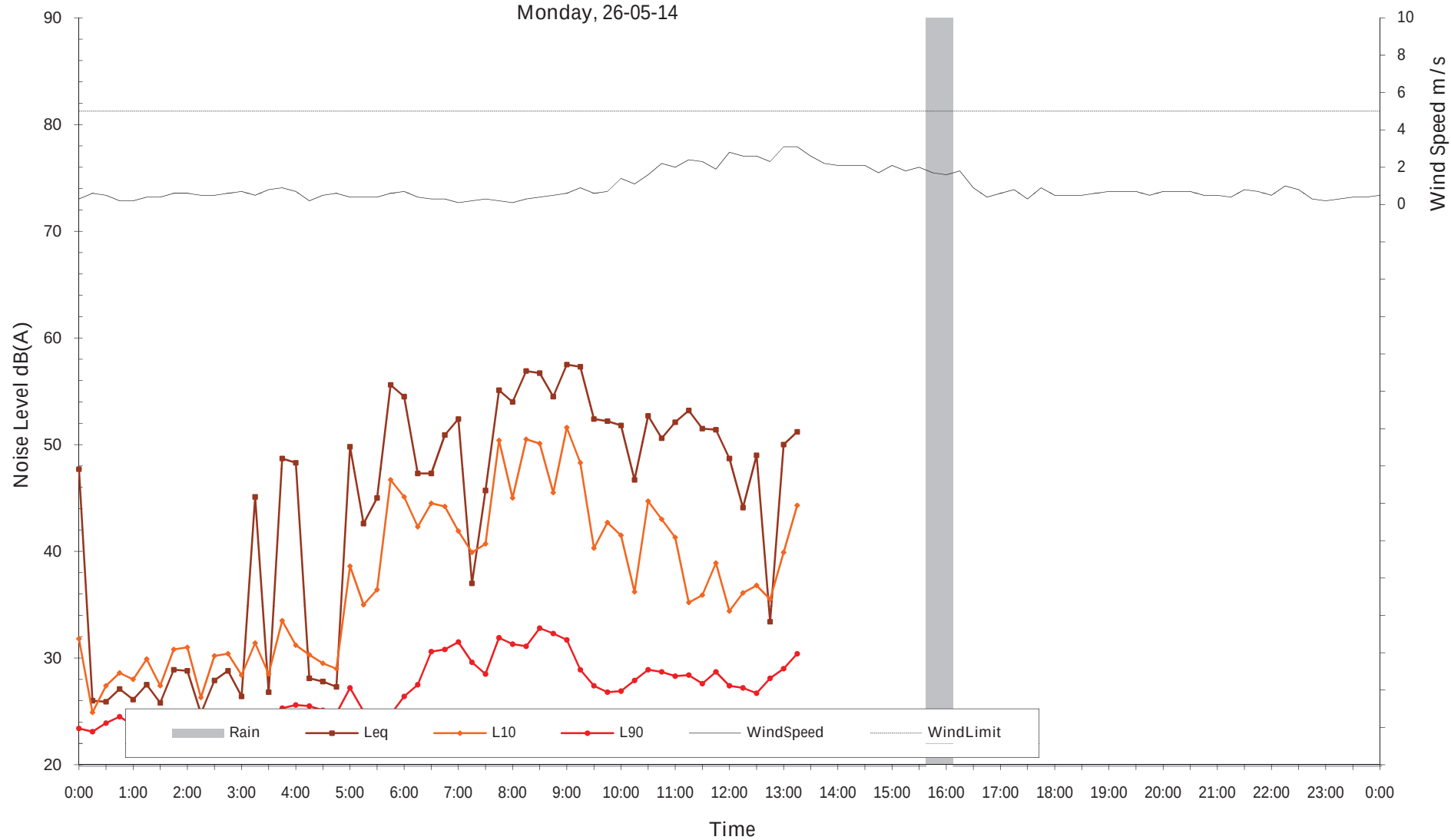


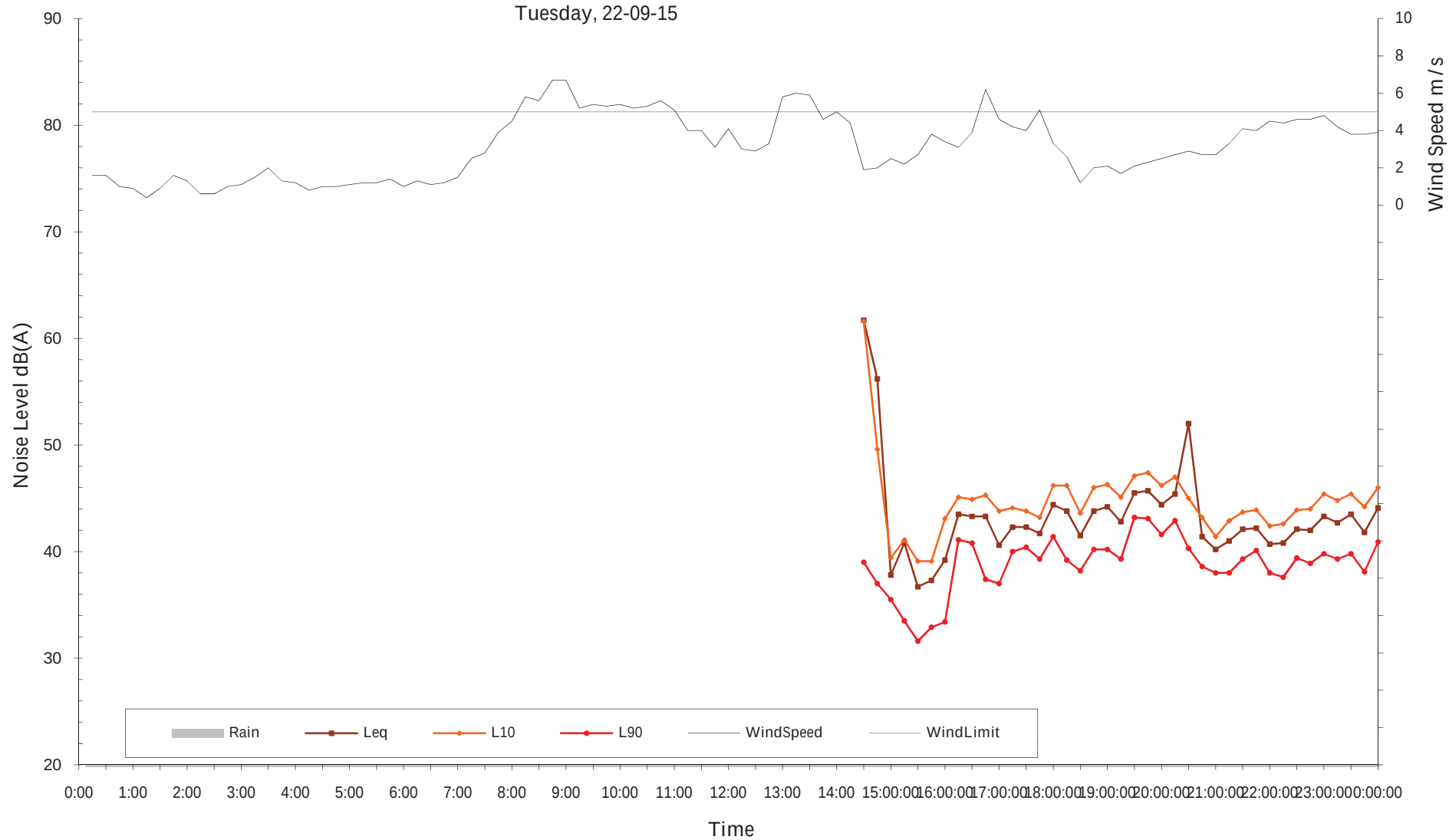
Table B.2 BG2 background noise monitoring summary

Date	ABL Day ²	ABL Evening ²	ABL Night ²
Spring 2015			
Tuesday, 22-09-15	0	38	35
Wednesday, 23-09-15	36	34	31
Thursday, 24-09-15	0	36	34
Friday, 25-09-15	38	35	33
Saturday, 26-09-15	36	0	33
Sunday, 27-09-15	33	41	33
Monday, 28-09-15	26	40	35
Tuesday, 29-09-15	29	36	35
Wednesday, 30-09-15	32	38	36
Thursday, 01-10-15	33	38	38
Friday, 02-10-15	32	40	32
Saturday, 03-10-15	28	36	31
Sunday, 04-10-15	32	31	31
Monday, 05-10-15	29	31	33
Tuesday, 06-10-15	29	34	32
Wednesday, 07-10-15	36	37	34
Thursday, 08-10-15	33	36	33
Friday, 09-10-15	27	41	27
Saturday, 10-10-15	26	36	31
Sunday, 11-10-15	0	0	26
Monday, 12-10-15	29	35	29
Tuesday, 13-10-15	0	0	0
Rating Background Level (RBL)¹	32	36	33

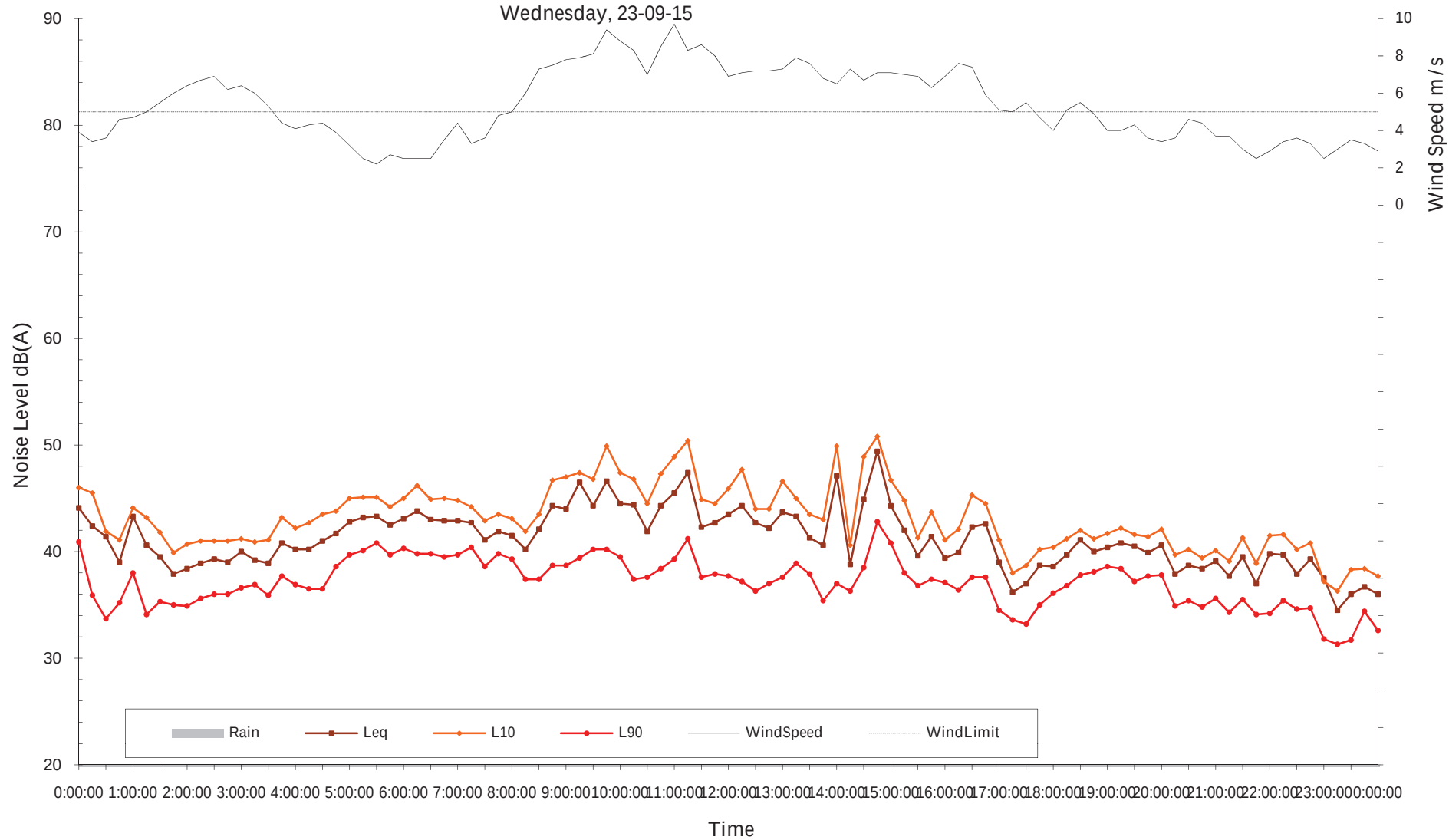
Notes: 1. Adopted RBL shown in grey shading.

2. A "0" indicates insufficient data samples due to adverse weather or other extraneous effects.

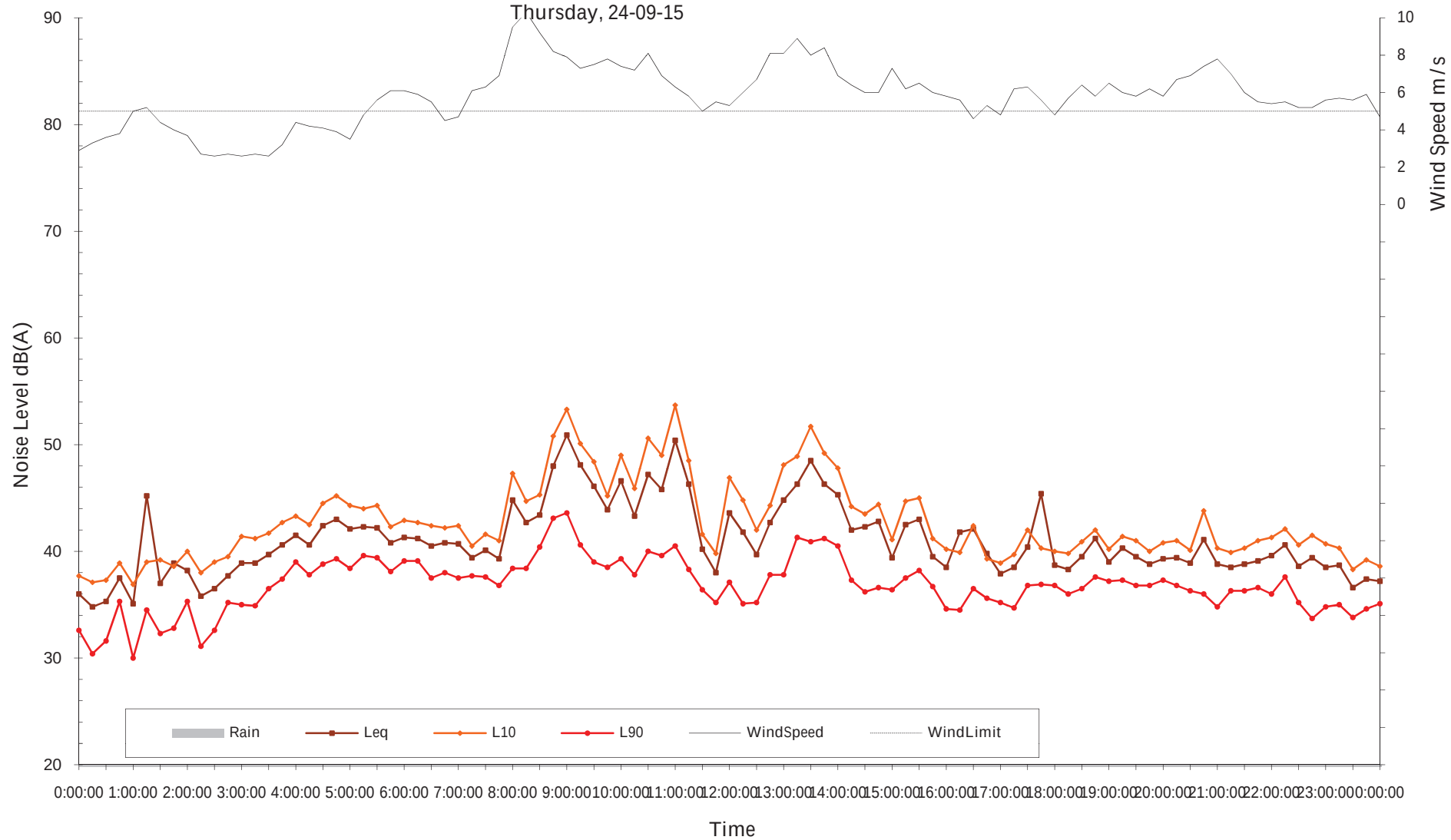
Measured Ambient Noise Levels
BG2 Spring 2015
Tuesday, 22-09-15



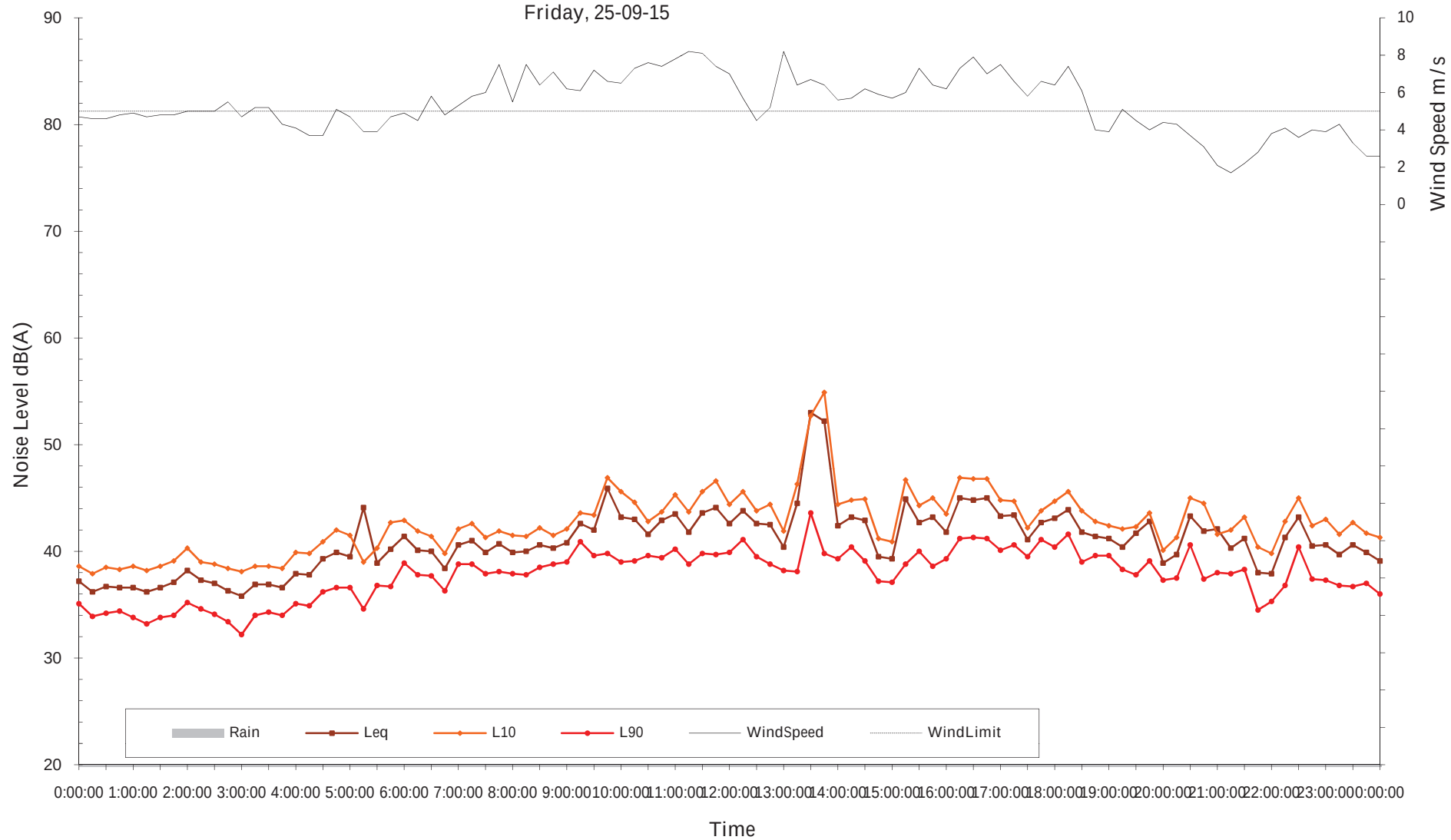
Measured Ambient Noise Levels
BG2 Spring 2015
Wednesday, 23-09-15



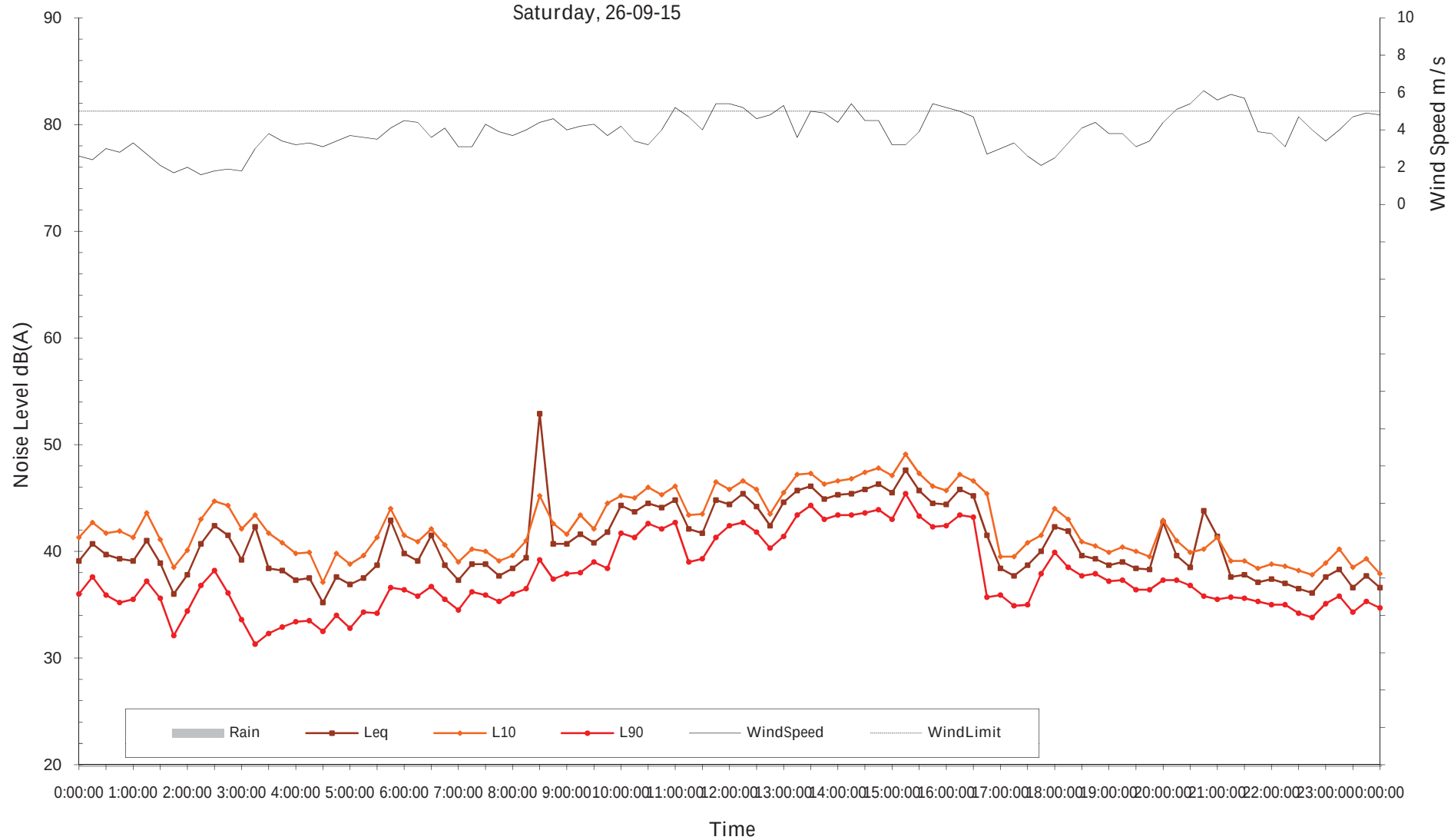
Measured Ambient Noise Levels
BG2 Spring 2015
Thursday, 24-09-15



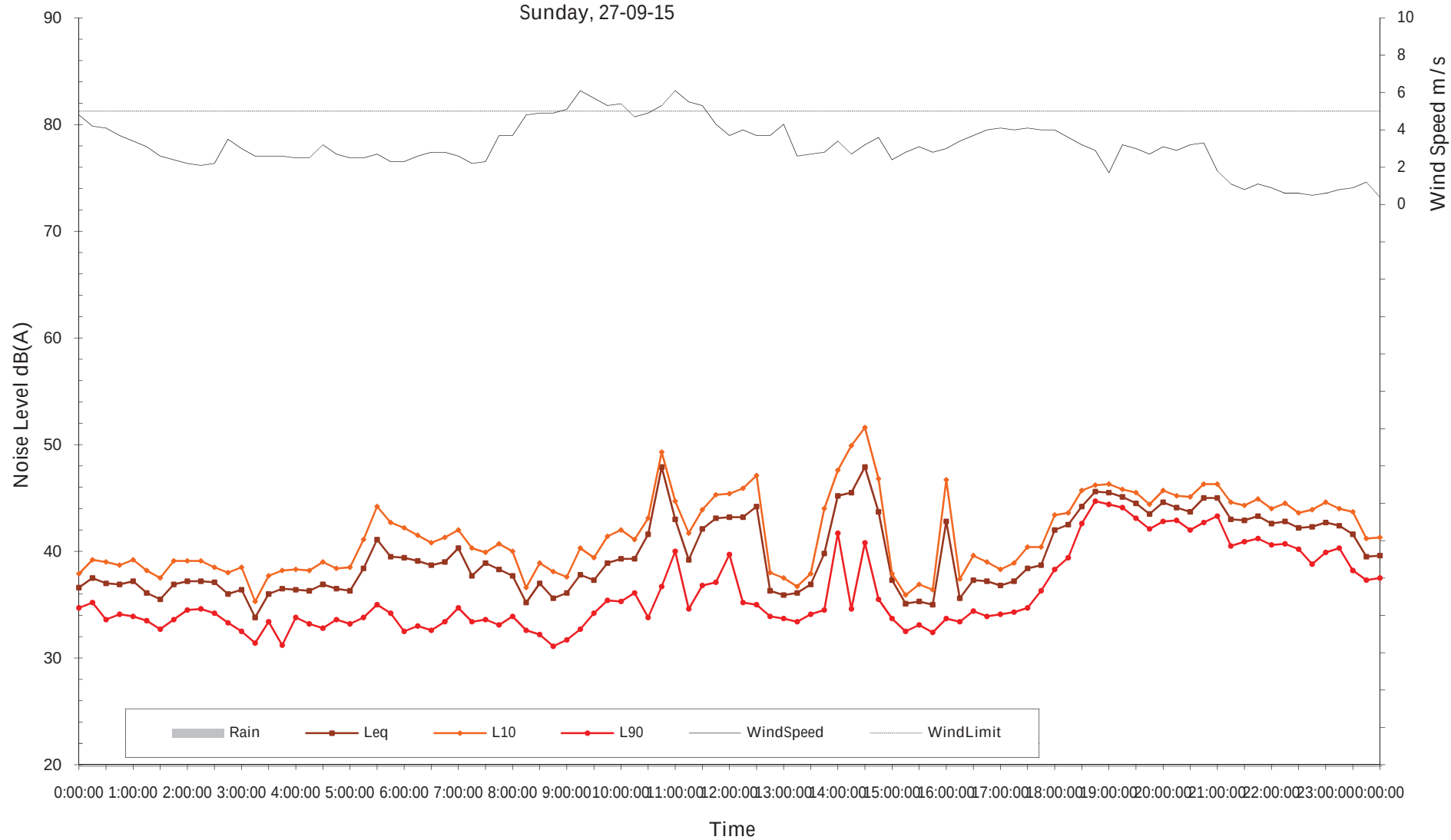
Measured Ambient Noise Levels
BG2 Spring 2015
Friday, 25-09-15



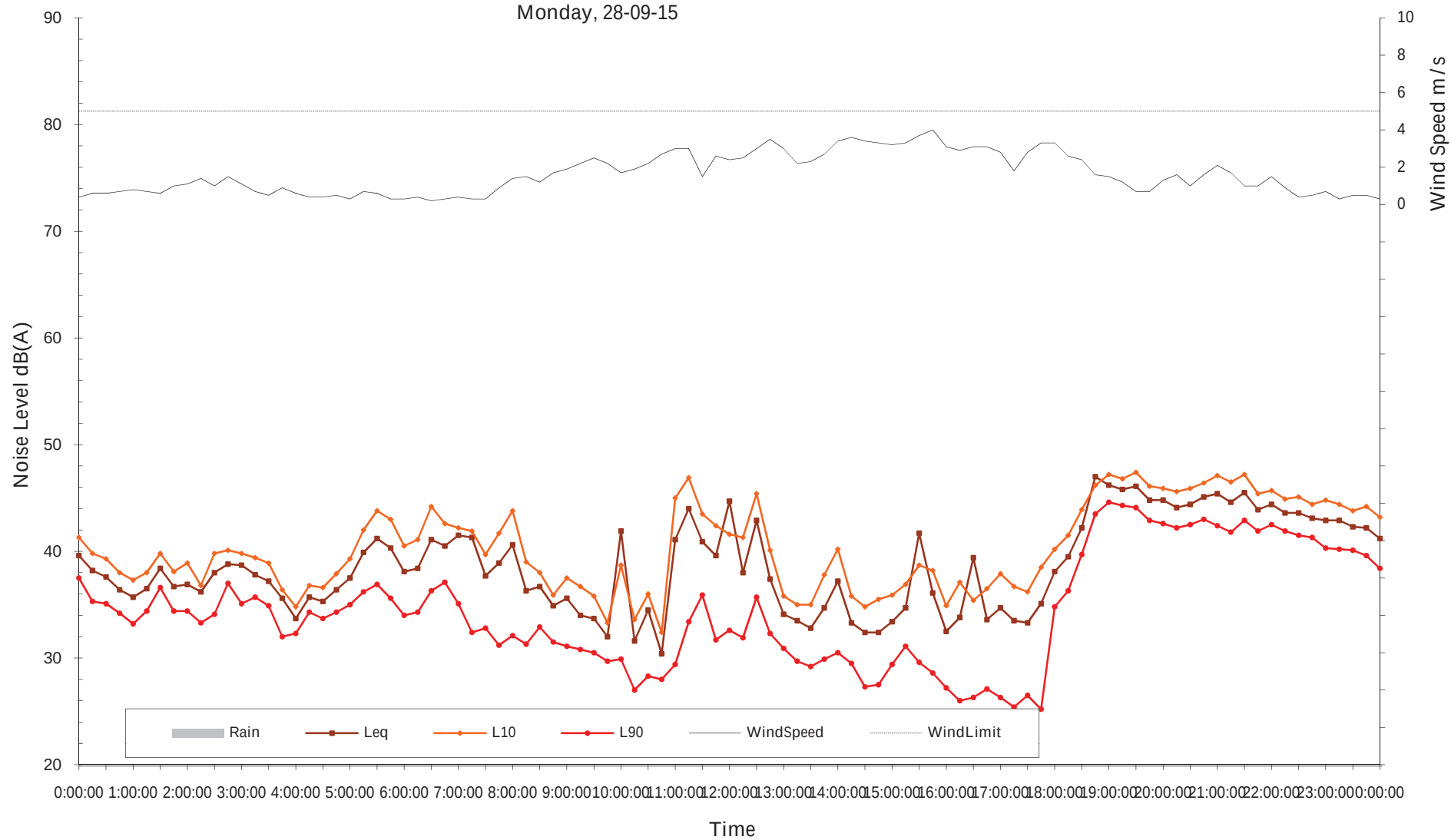
Measured Ambient Noise Levels
BG2 Spring 2015
Saturday, 26-09-15



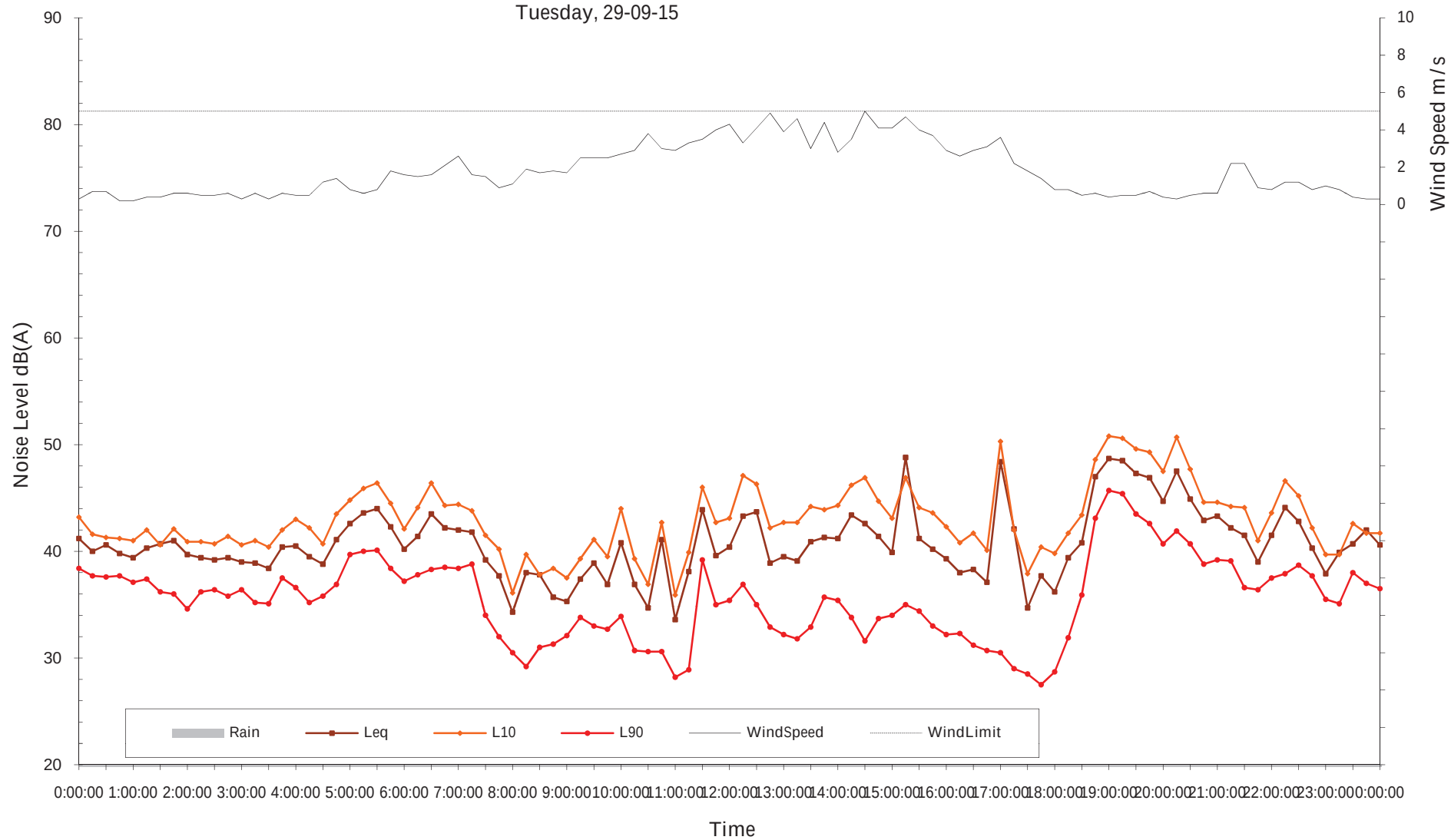
Measured Ambient Noise Levels
BG2 Spring 2015
Sunday, 27-09-15



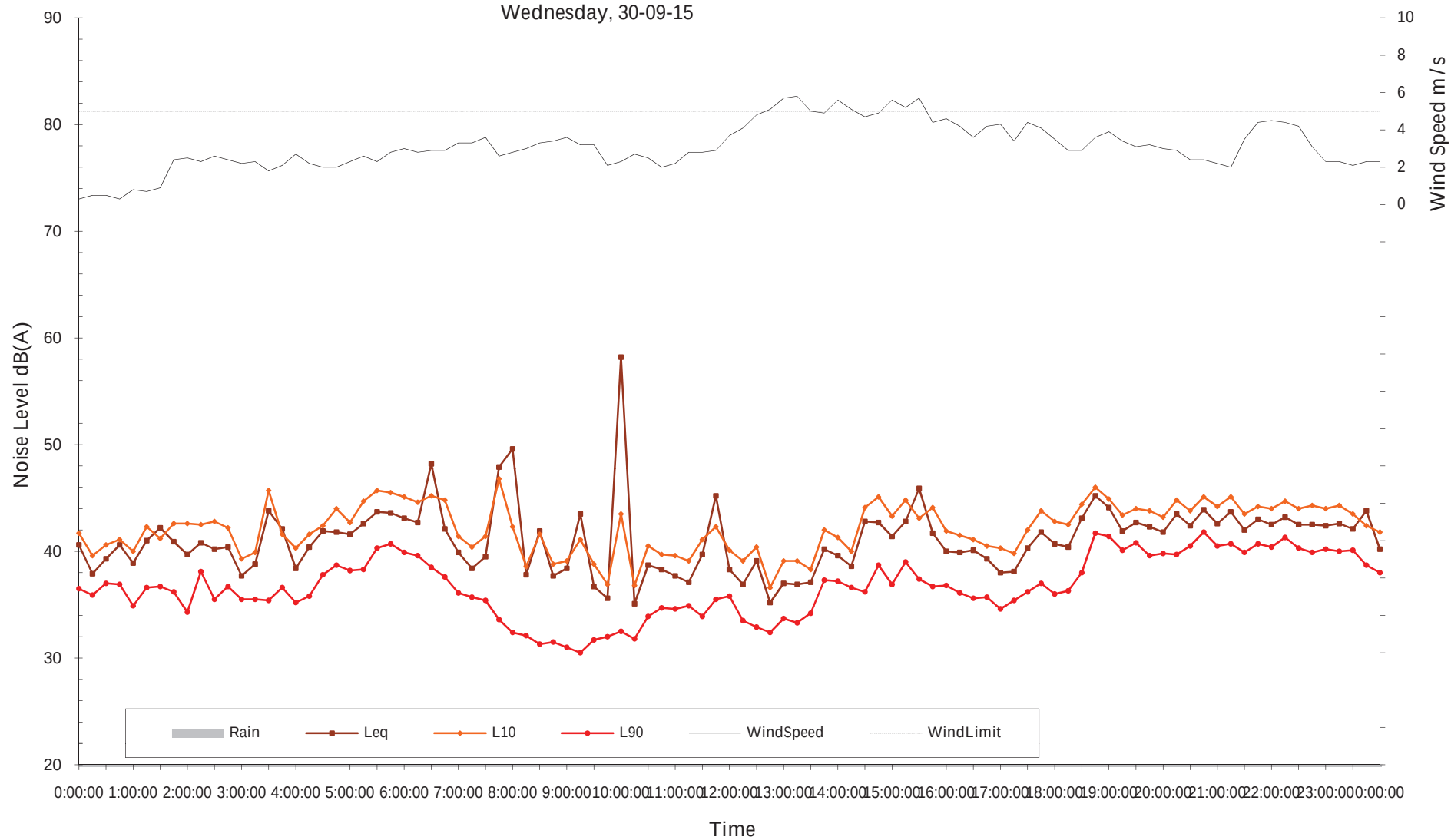
Measured Ambient Noise Levels
BG2 Spring 2015
Monday, 28-09-15



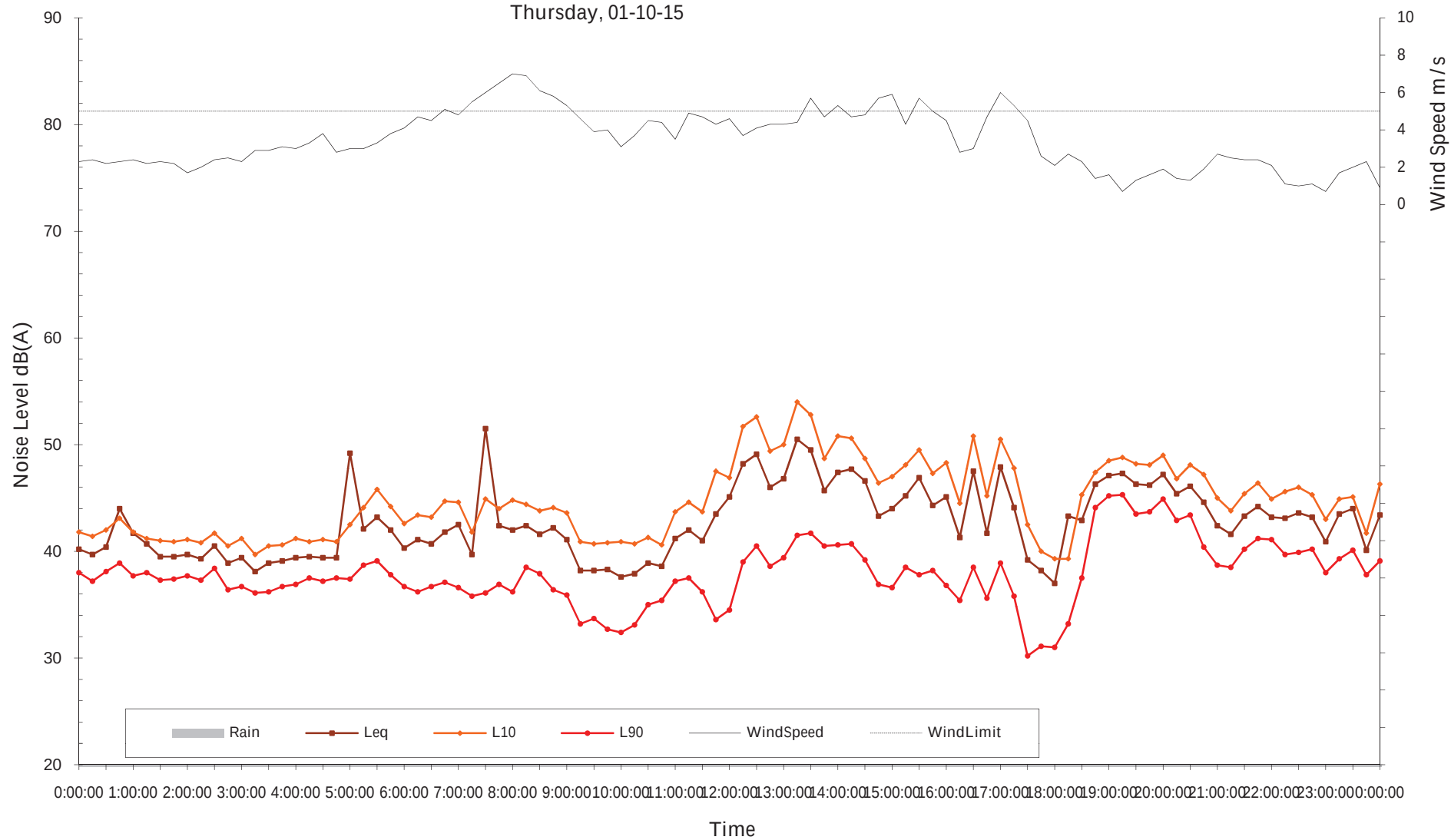
Measured Ambient Noise Levels
BG2 Spring 2015
Tuesday, 29-09-15



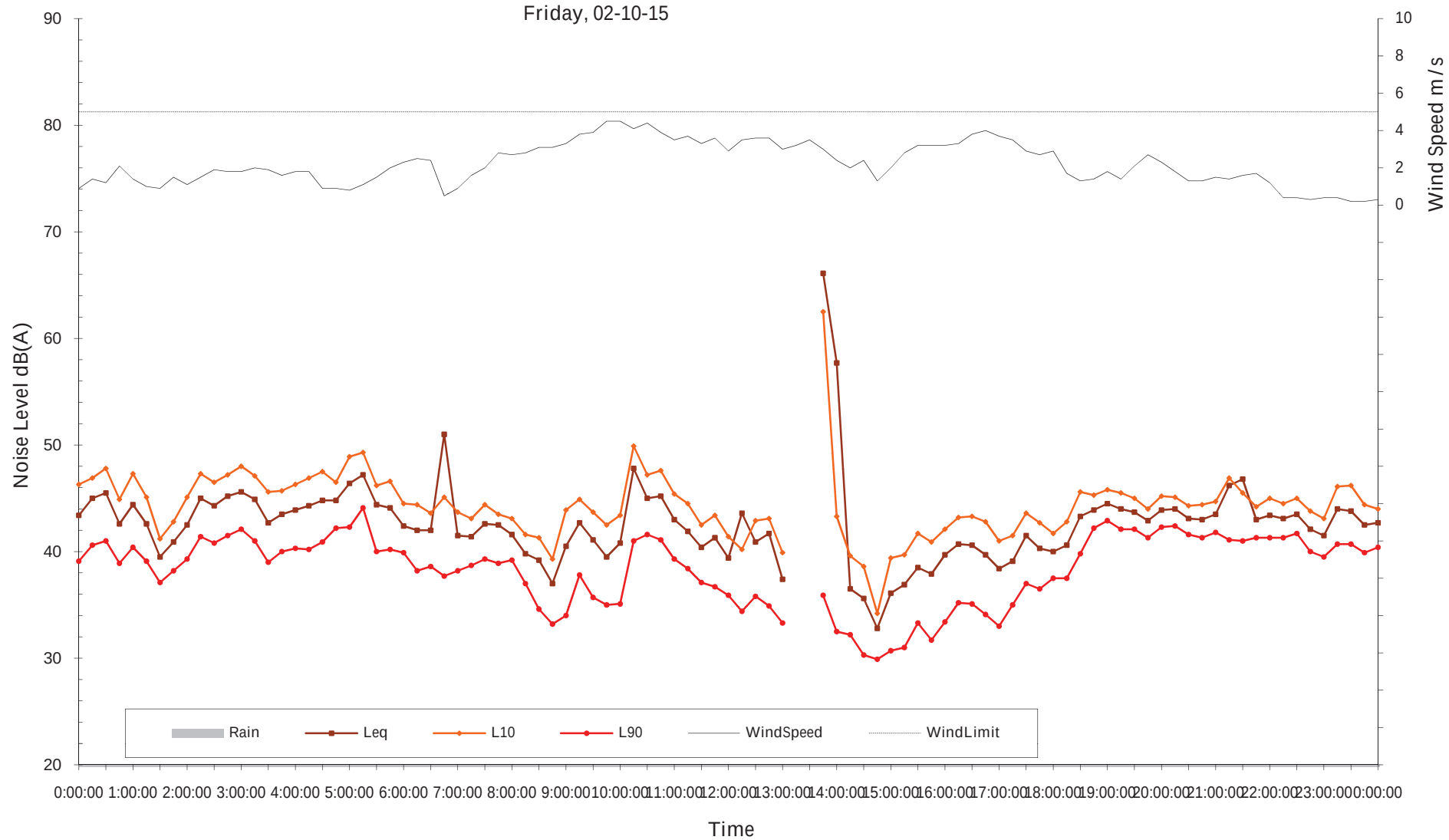
Measured Ambient Noise Levels
BG2 Spring 2015
Wednesday, 30-09-15



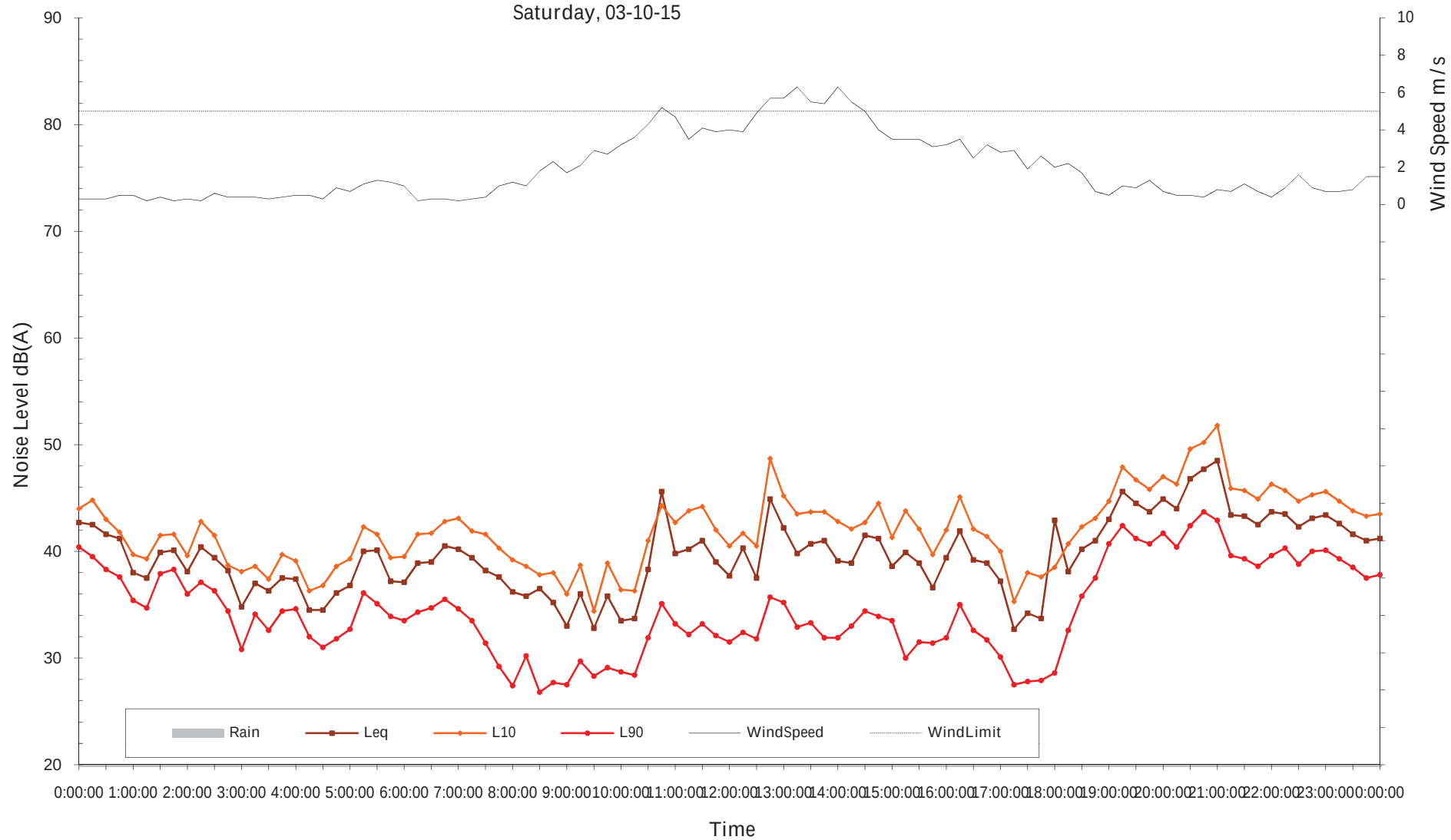
Measured Ambient Noise Levels
BG2 Spring 2015
Thursday, 01-10-15



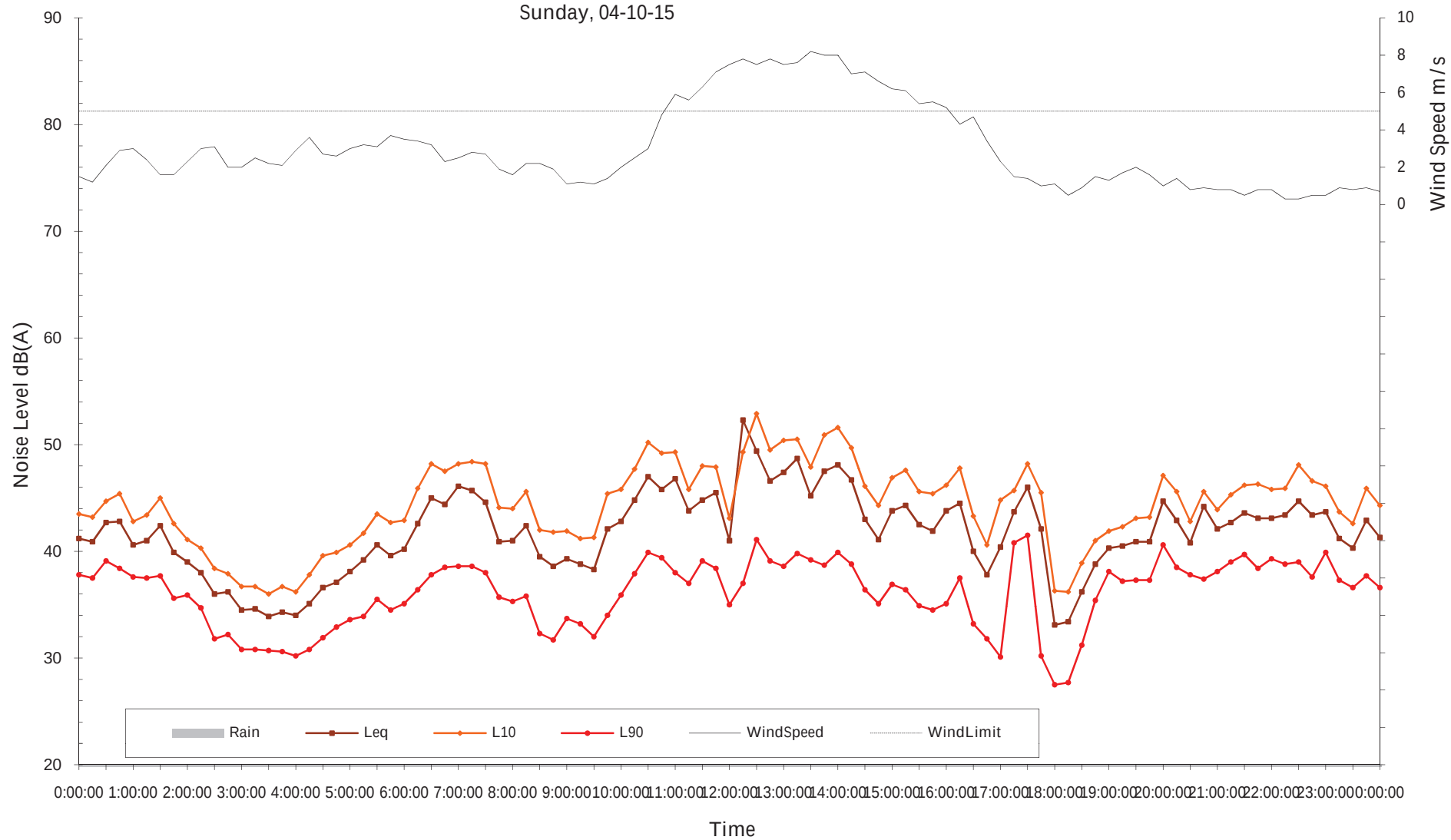
Measured Ambient Noise Levels
BG2 Spring 2015
Friday, 02-10-15



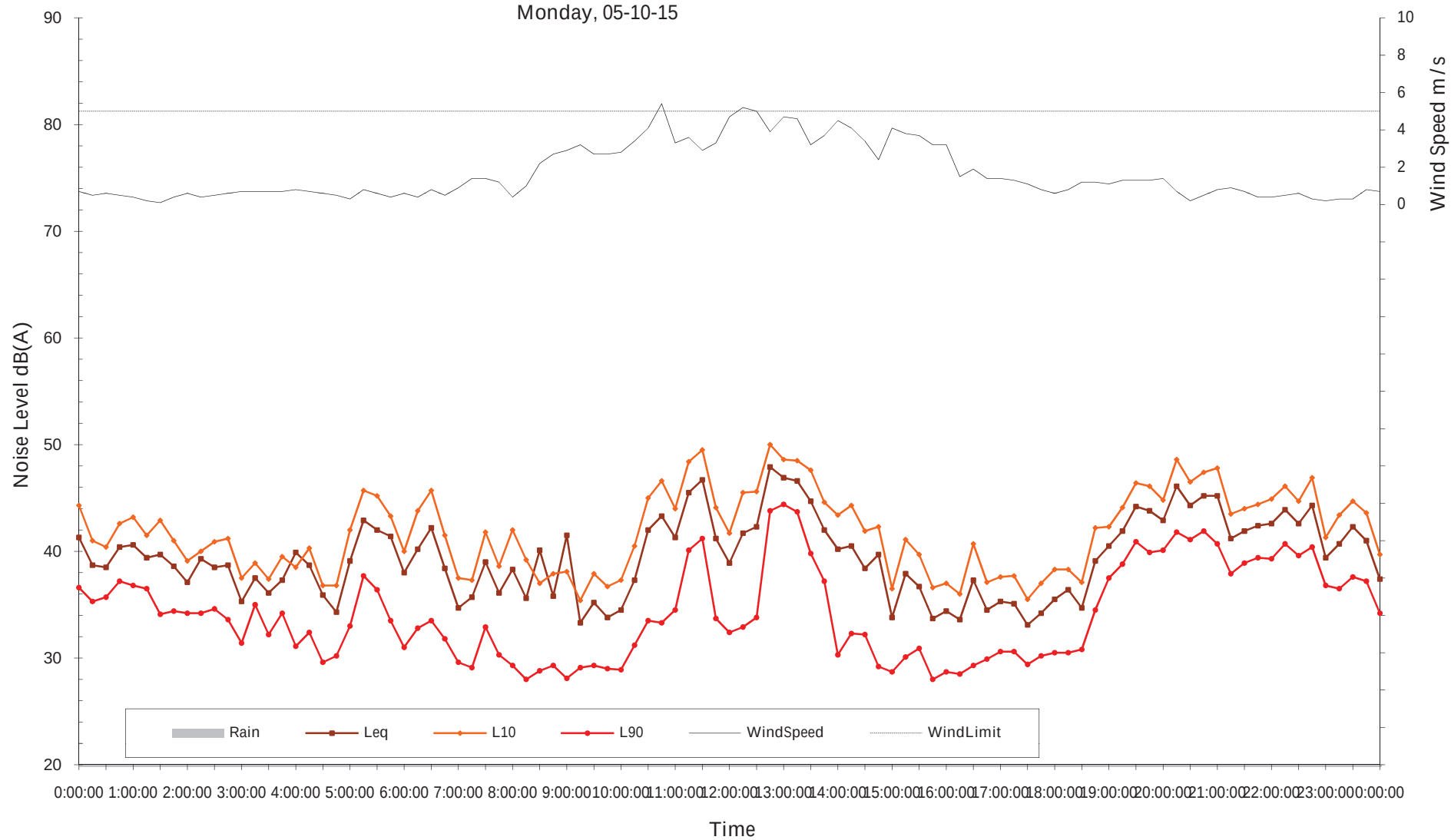
Measured Ambient Noise Levels
BG2 Spring 2015
Saturday, 03-10-15



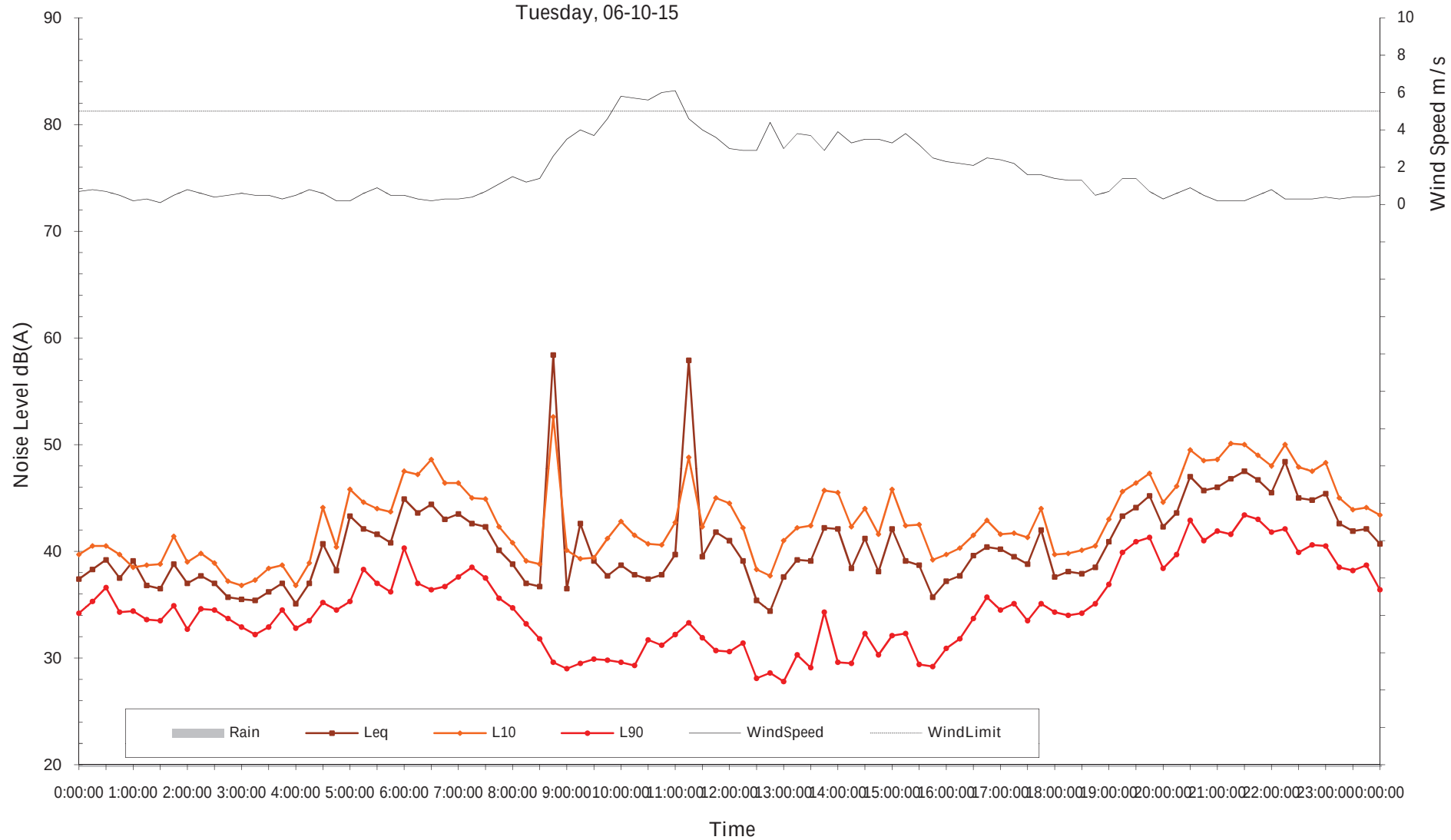
Measured Ambient Noise Levels
BG2 Spring 2015
Sunday, 04-10-15



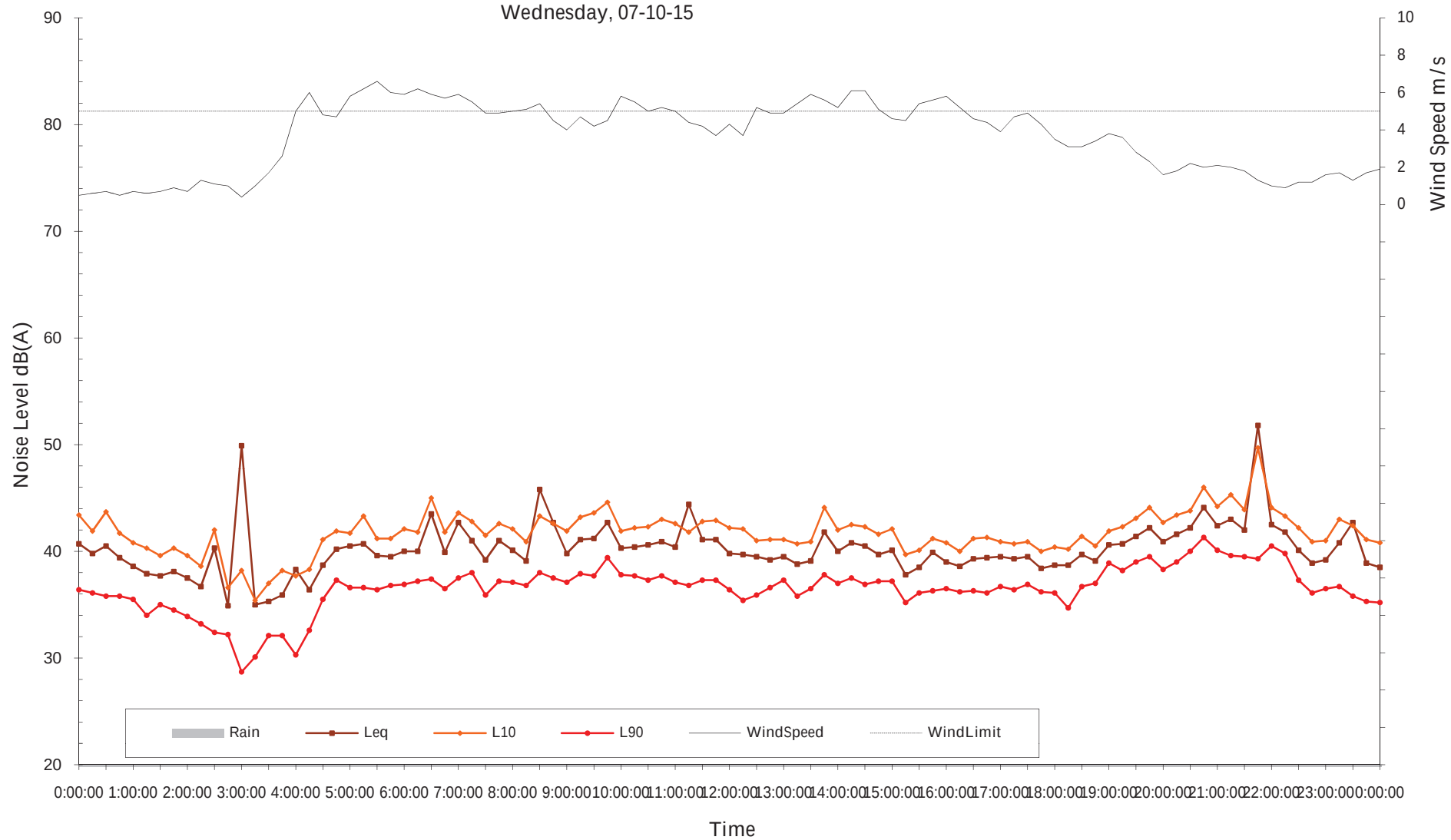
Measured Ambient Noise Levels
BG2 Spring 2015
Monday, 05-10-15



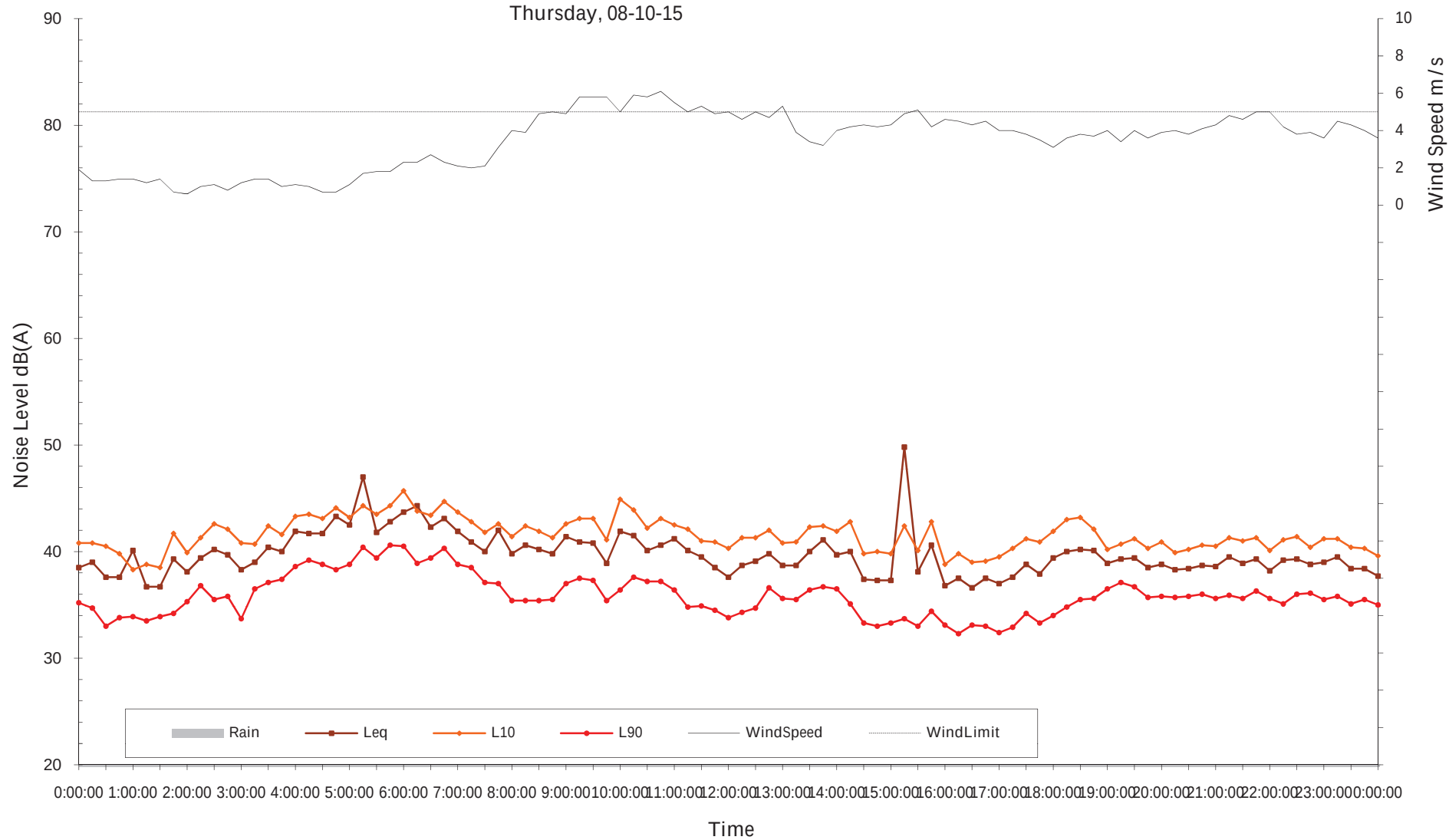
Measured Ambient Noise Levels
BG2 Spring 2015
Tuesday, 06-10-15



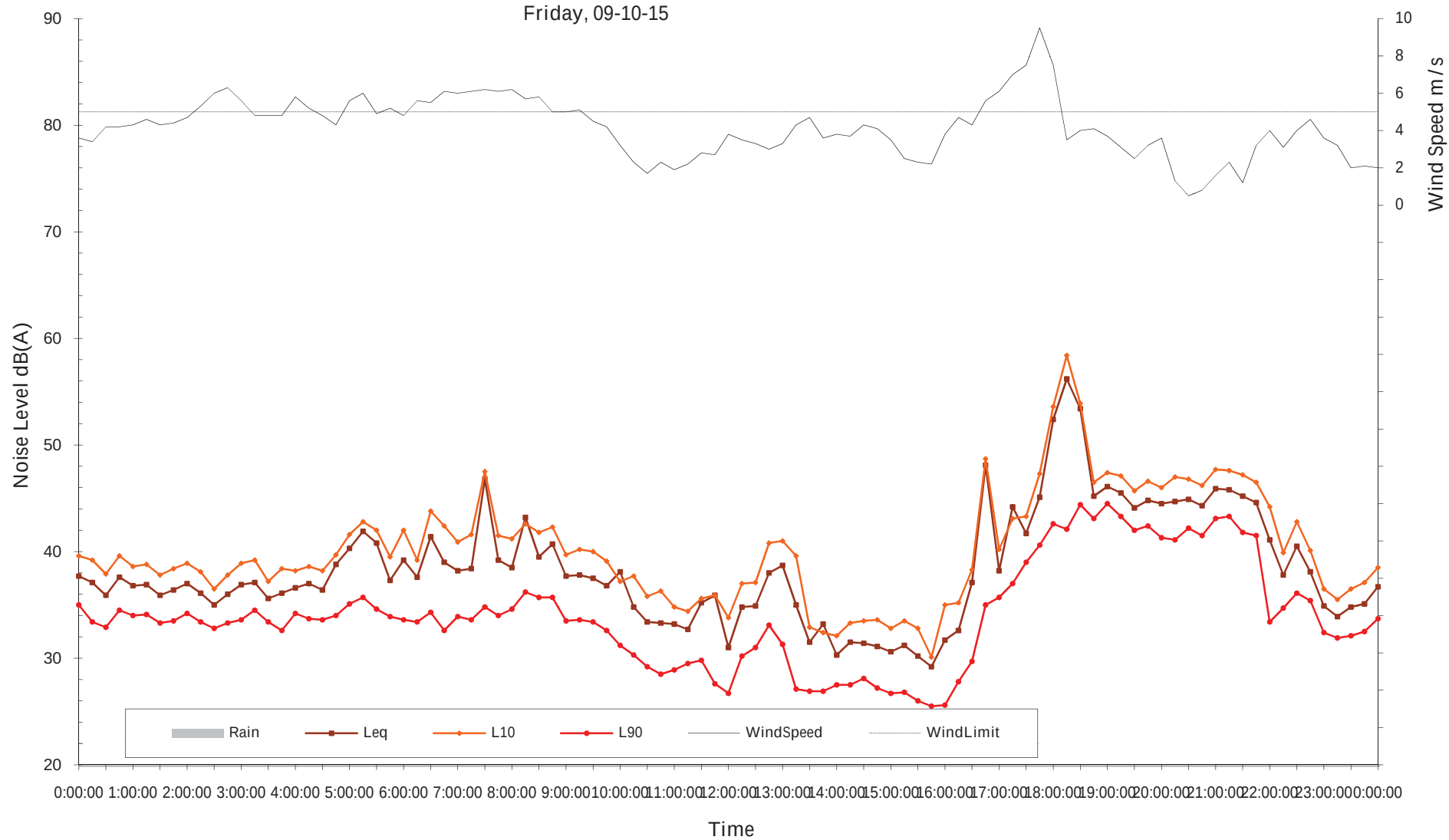
Measured Ambient Noise Levels
BG2 Spring 2015
Wednesday, 07-10-15



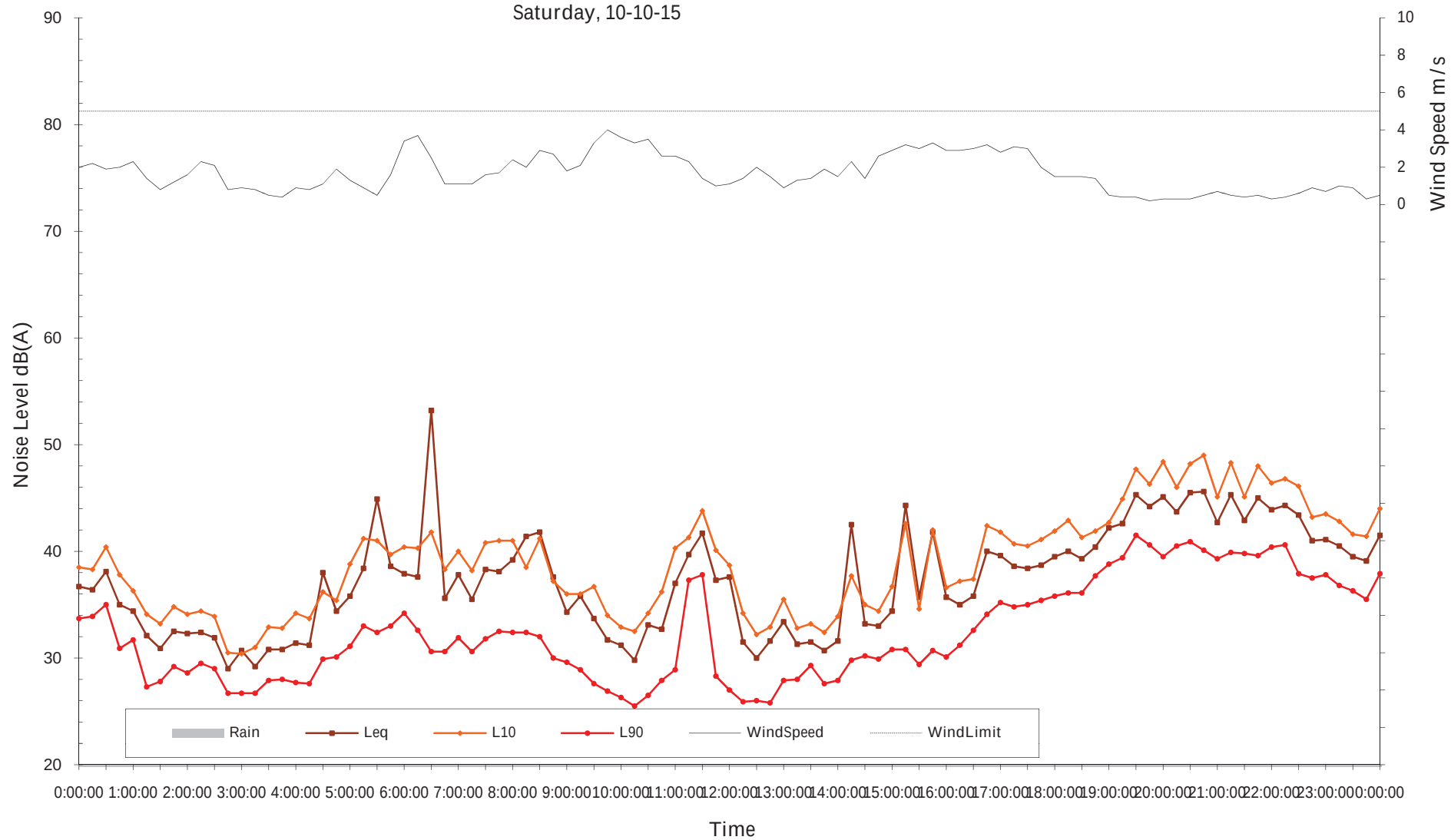
Measured Ambient Noise Levels
BG2 Spring 2015
Thursday, 08-10-15



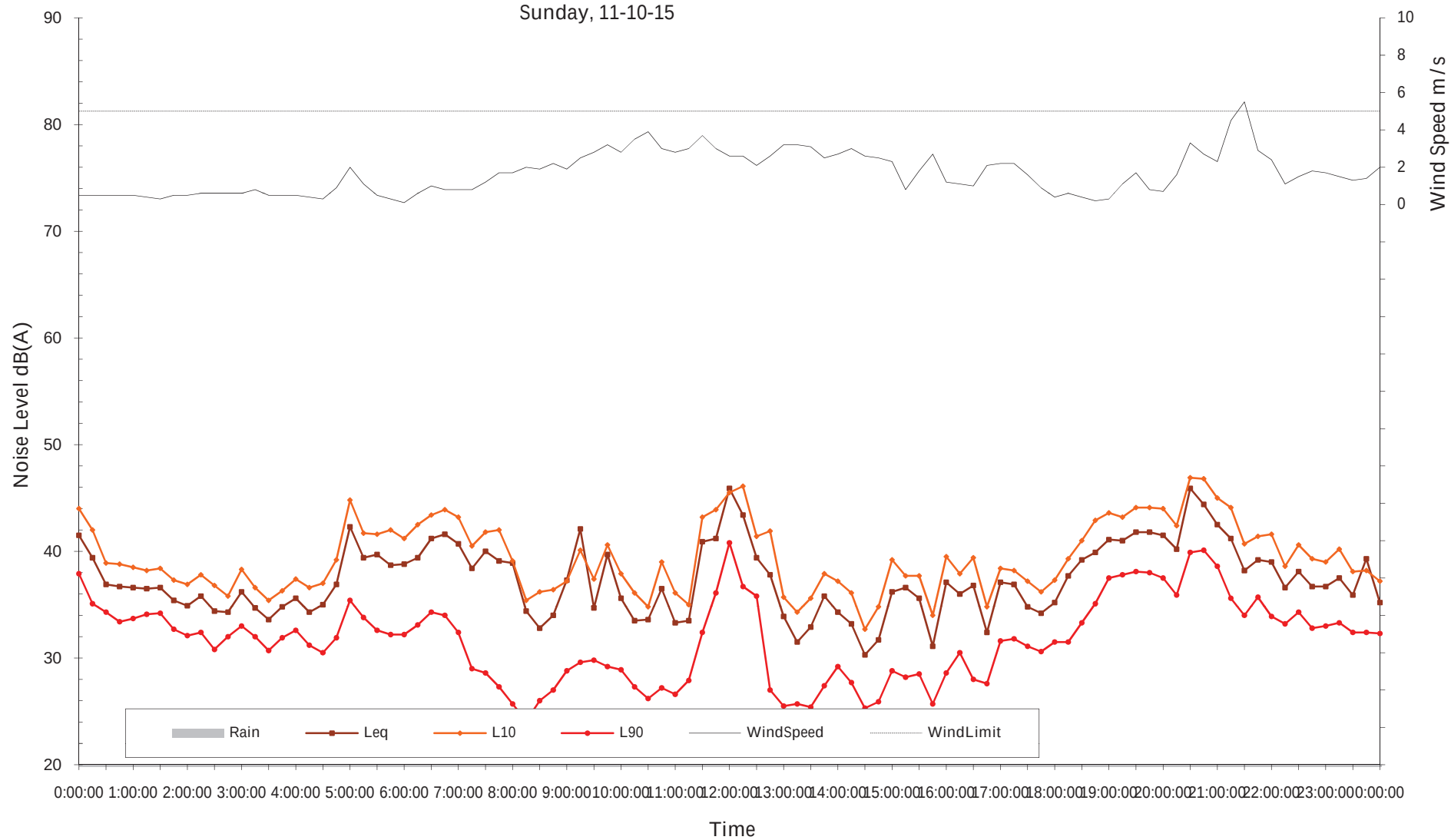
Measured Ambient Noise Levels
BG2 Spring 2015
Friday, 09-10-15



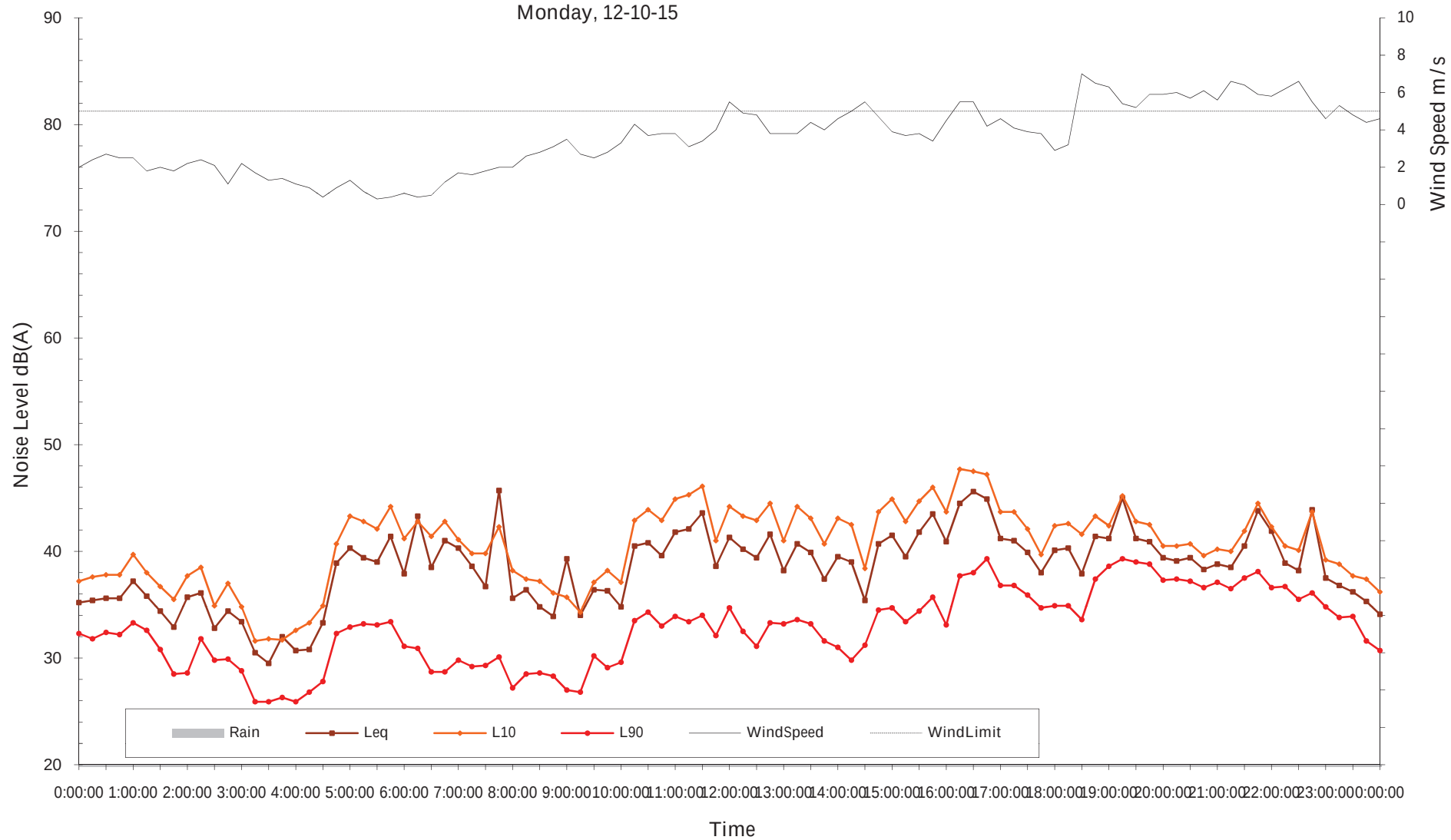
Measured Ambient Noise Levels
BG2 Spring 2015
Saturday, 10-10-15



Measured Ambient Noise Levels
BG2 Spring 2015
Sunday, 11-10-15



Measured Ambient Noise Levels
BG2 Spring 2015
Monday, 12-10-15



Measured Ambient Noise Levels
BG2 Spring 2015
Tuesday, 13-10-15

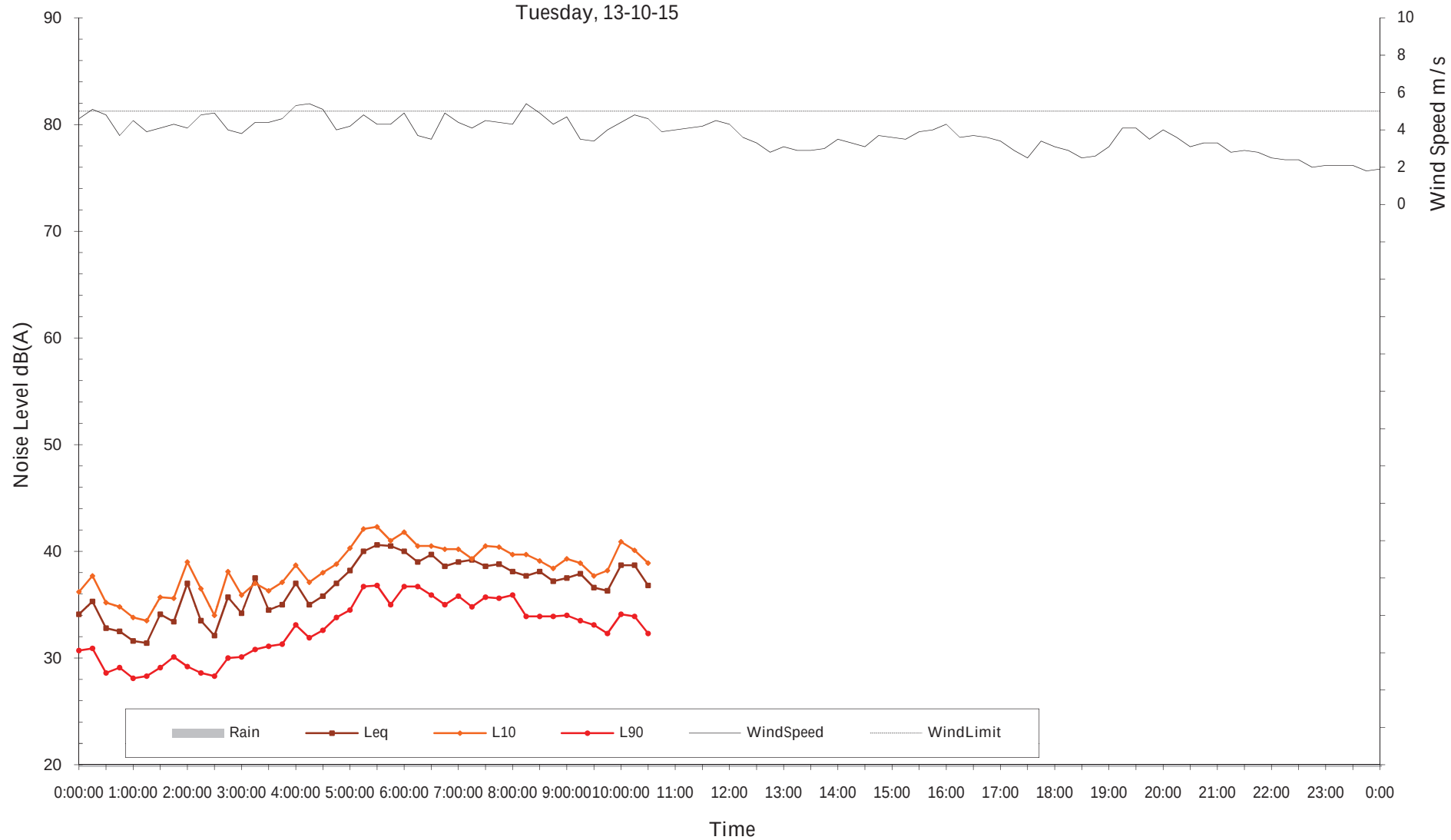


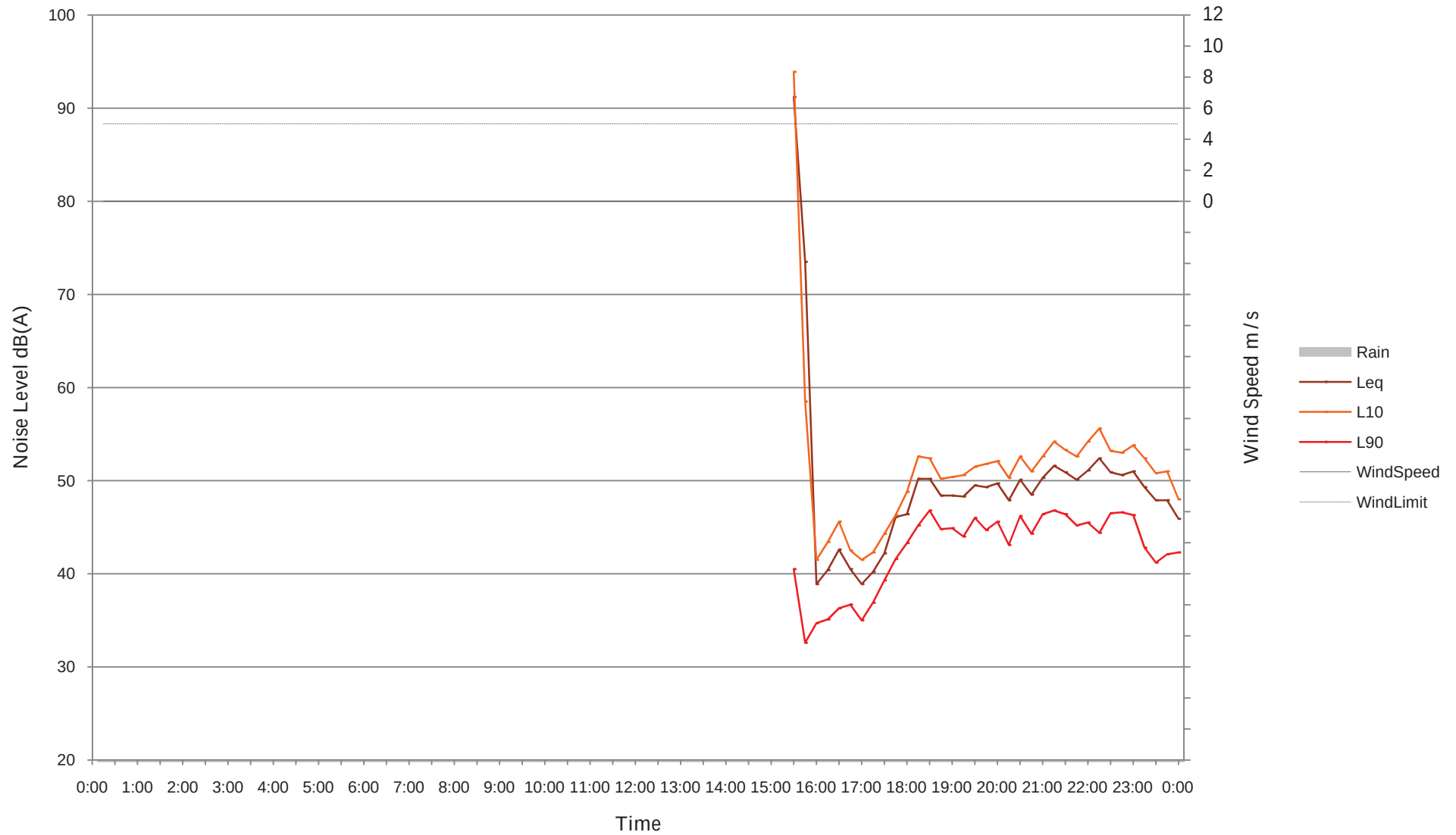
Table B.3 **BG3 background noise monitoring summary**

Date	ABL Day ²	ABL Evening ²	ABL Night ²
Autumn 2015			
Thursday, 28-05-15	0	44	34
Friday, 29-05-15	35	38	30
Saturday, 30-05-15	36	30	28
Sunday, 31-05-15	35	36	0
Monday, 01-06-15	0	37	33
Tuesday, 02-06-15	35	45	43
Wednesday, 03-06-15	35	49	45
Thursday, 04-06-15	33	41	0
Friday, 05-06-15	36	35	36
Saturday, 06-06-15	35	41	34
Sunday, 07-06-15	36	37	30
Monday, 08-06-15	34	37	0
Tuesday, 09-06-15	0	0	0
Rating Background Level (RBL)¹	35	38	34

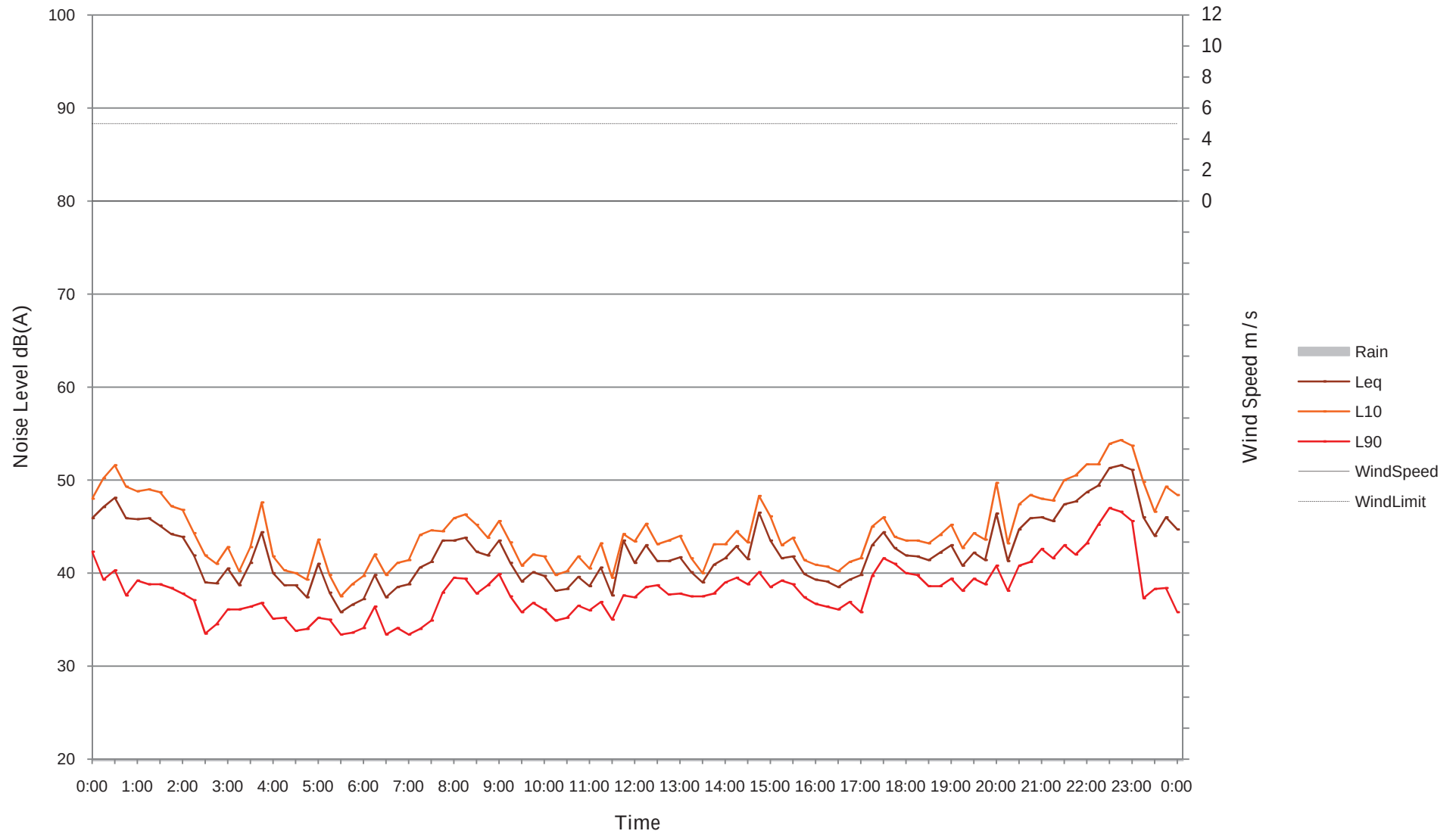
Notes: 1. Adopted RBL shown in grey shading.

 2. A "0" indicates insufficient data samples due to adverse weather or other extraneous effects.

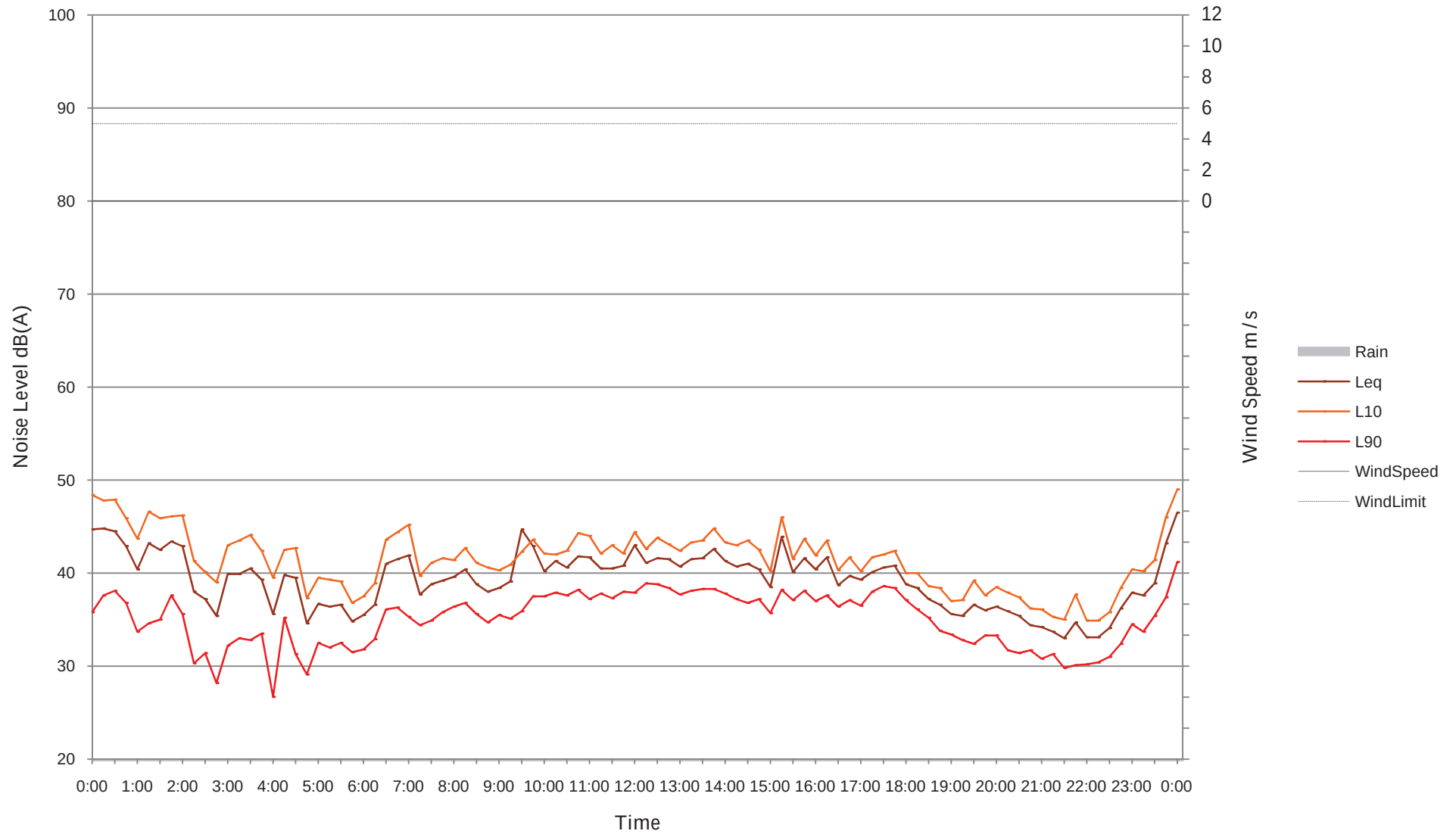
Measured Ambient Noise Levels
BG3 - Autumn 2015
Thursday, 28-05-15



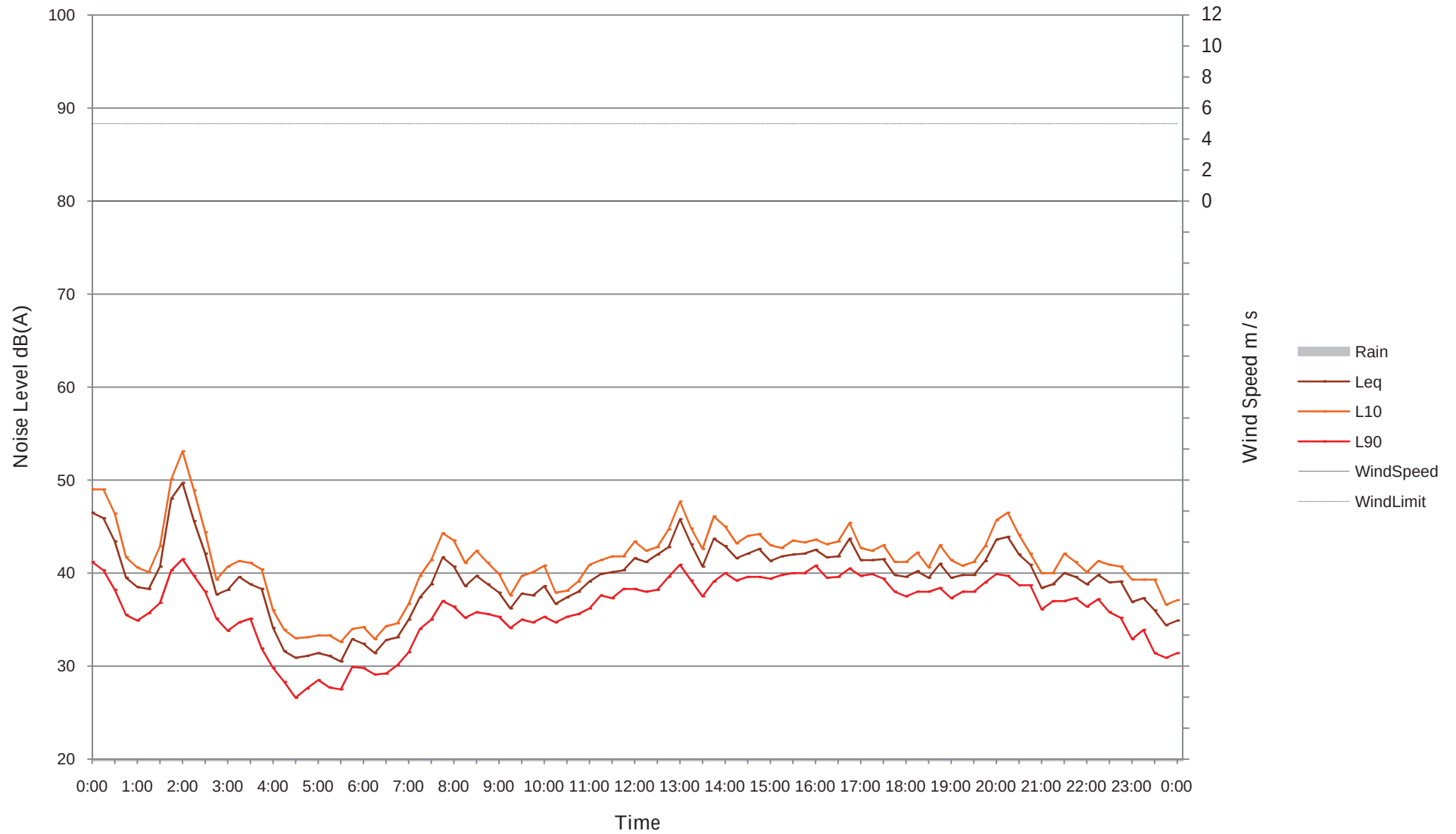
Measured Ambient Noise Levels
BG3 - Autumn 2015
Friday, 29-05-15



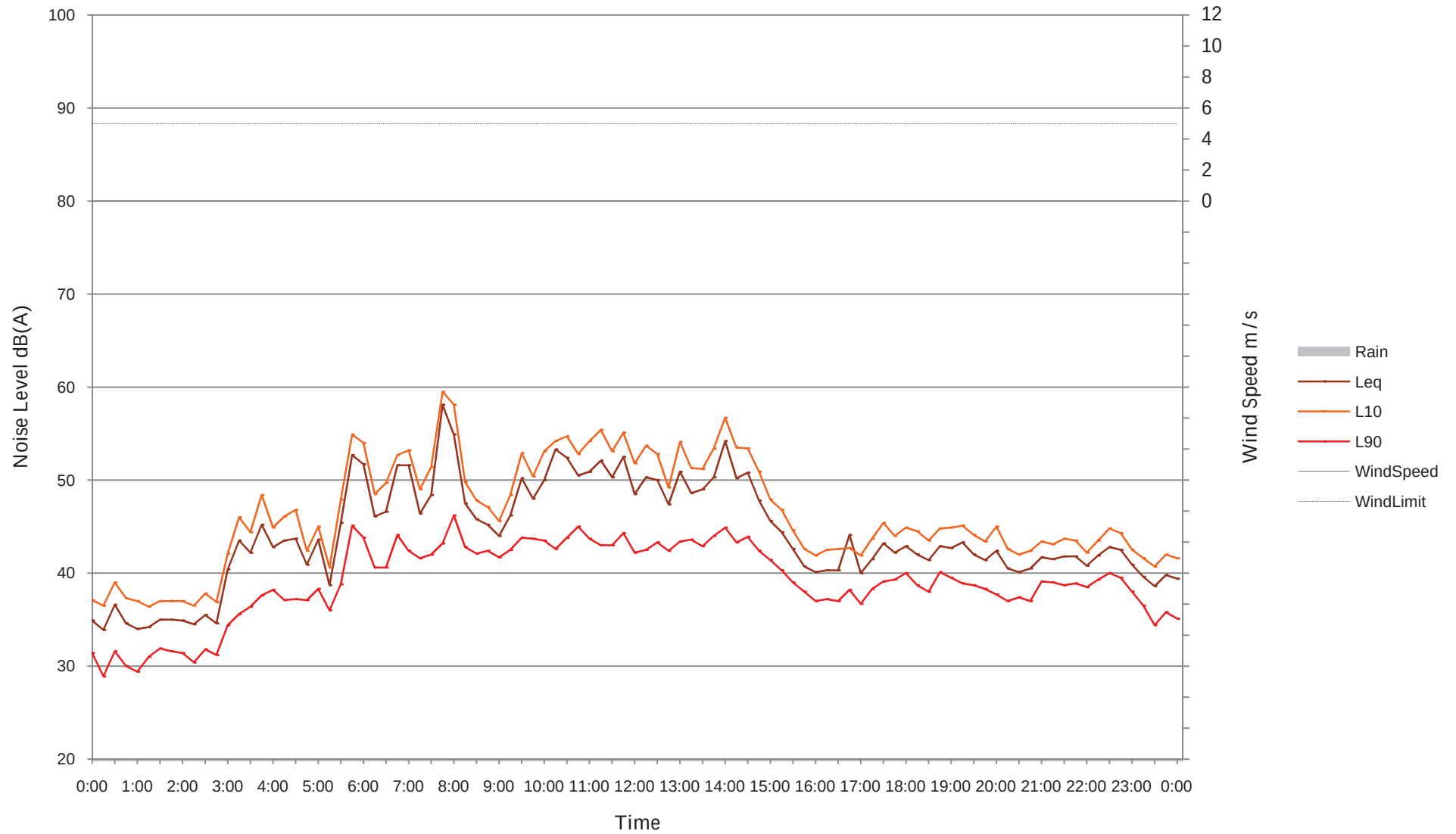
Measured Ambient Noise Levels
BG3 - Autumn 2015
Saturday, 30-05-15



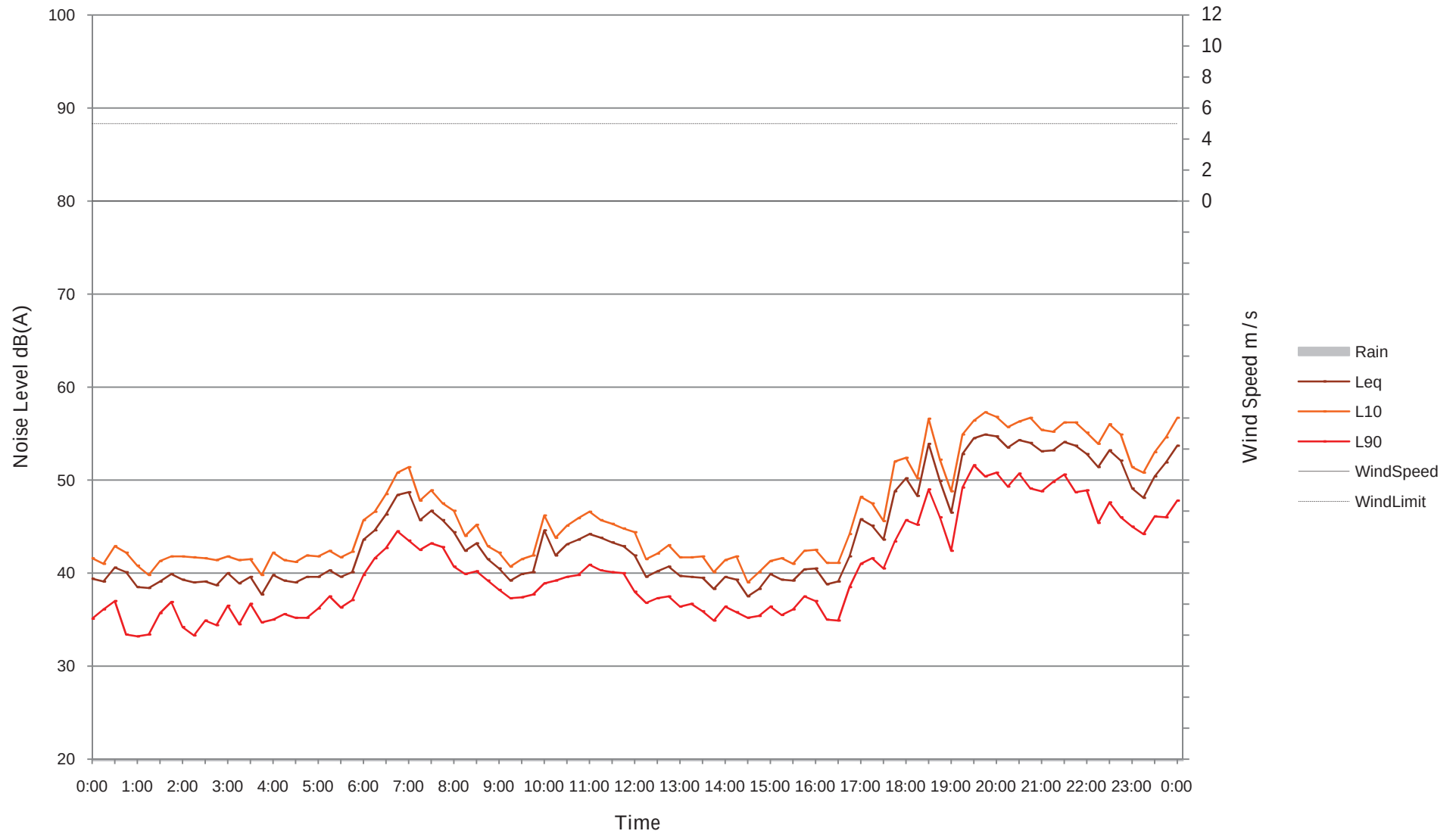
Measured Ambient Noise Levels
BG3 - Autumn 2015
Sunday, 31-05-15



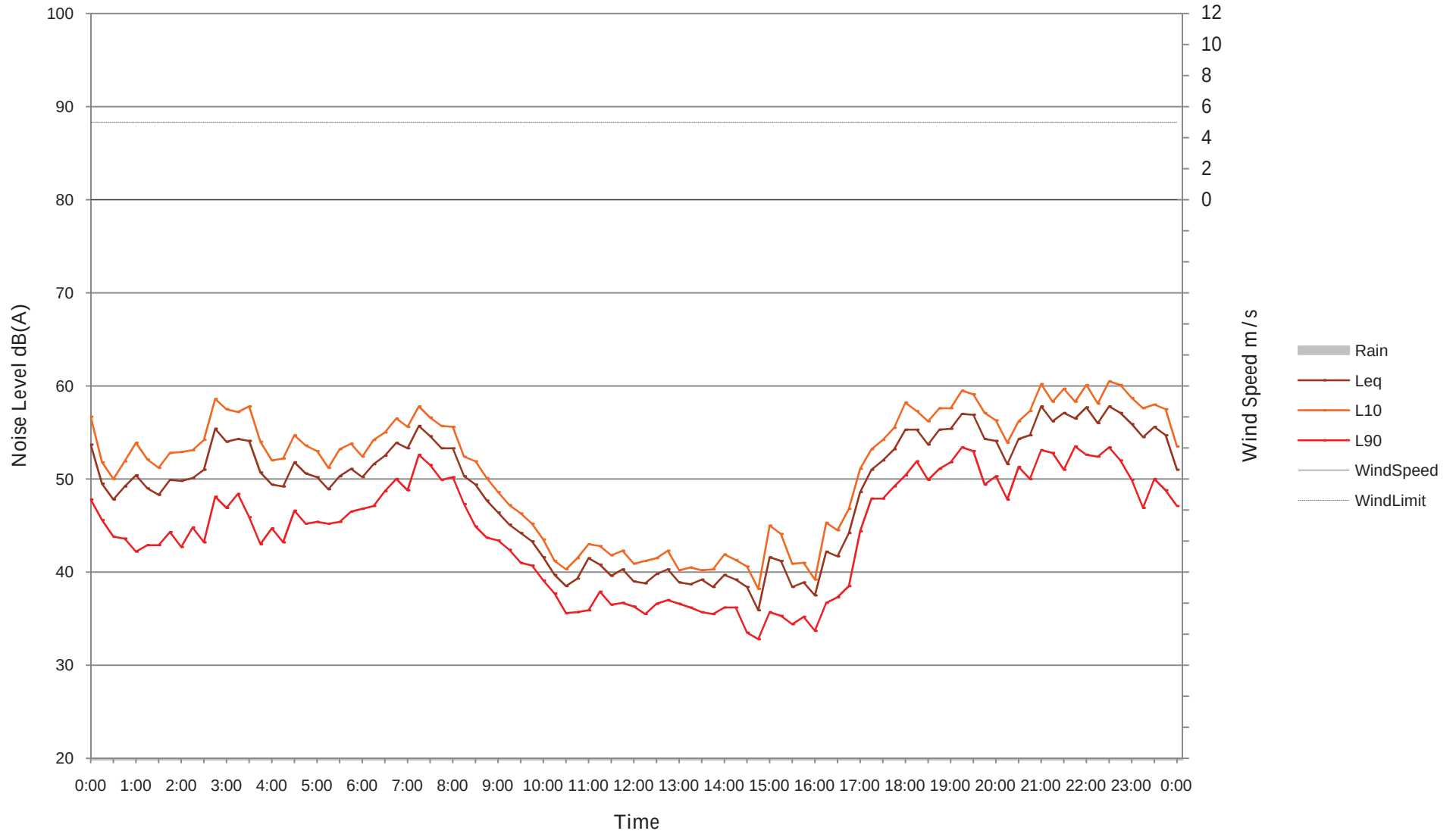
Measured Ambient Noise Levels
BG3 - Autumn 2015
Monday, 01-06-15



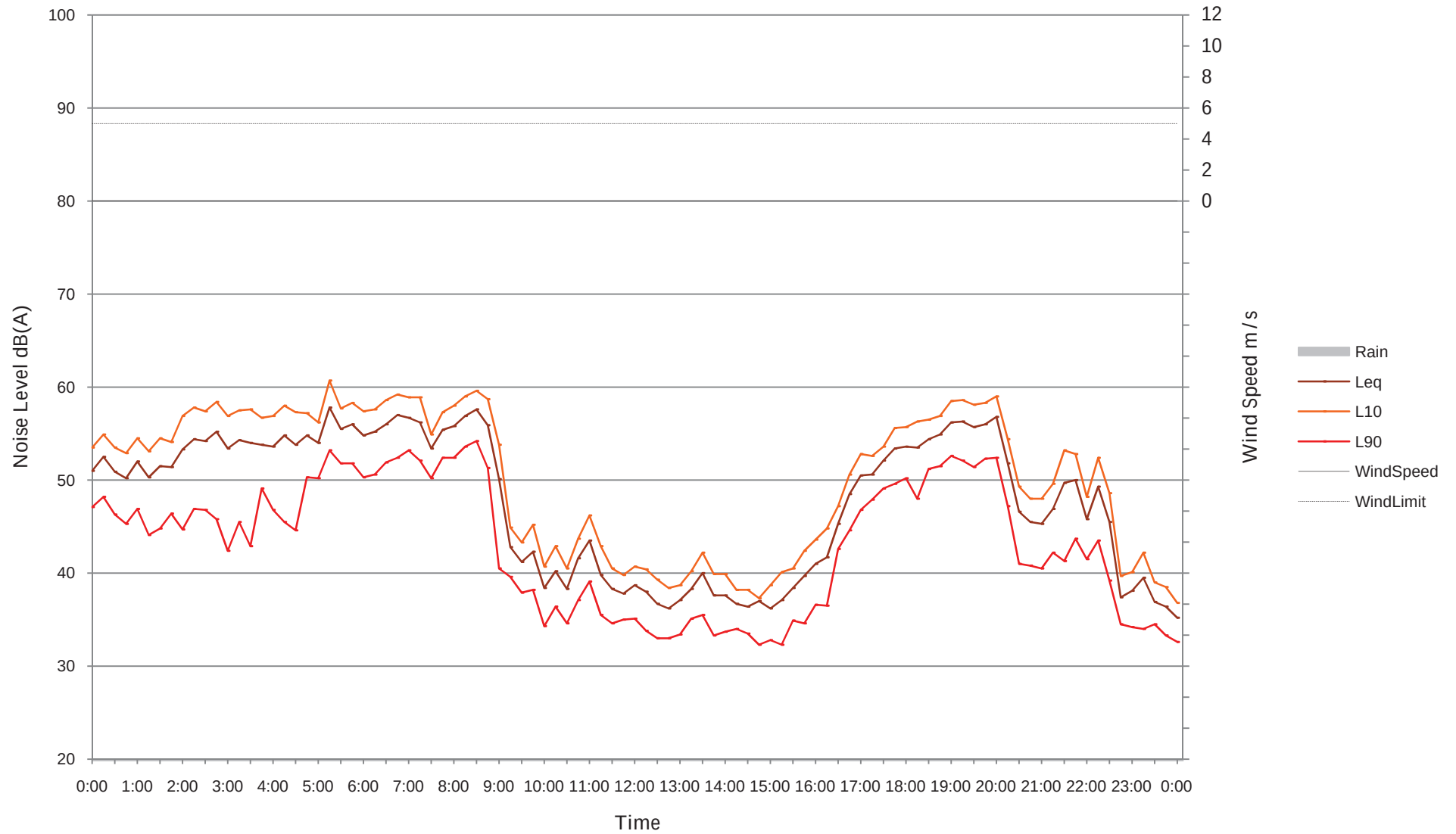
Measured Ambient Noise Levels
BG3 - Autumn 2015
Tuesday, 02-06-15



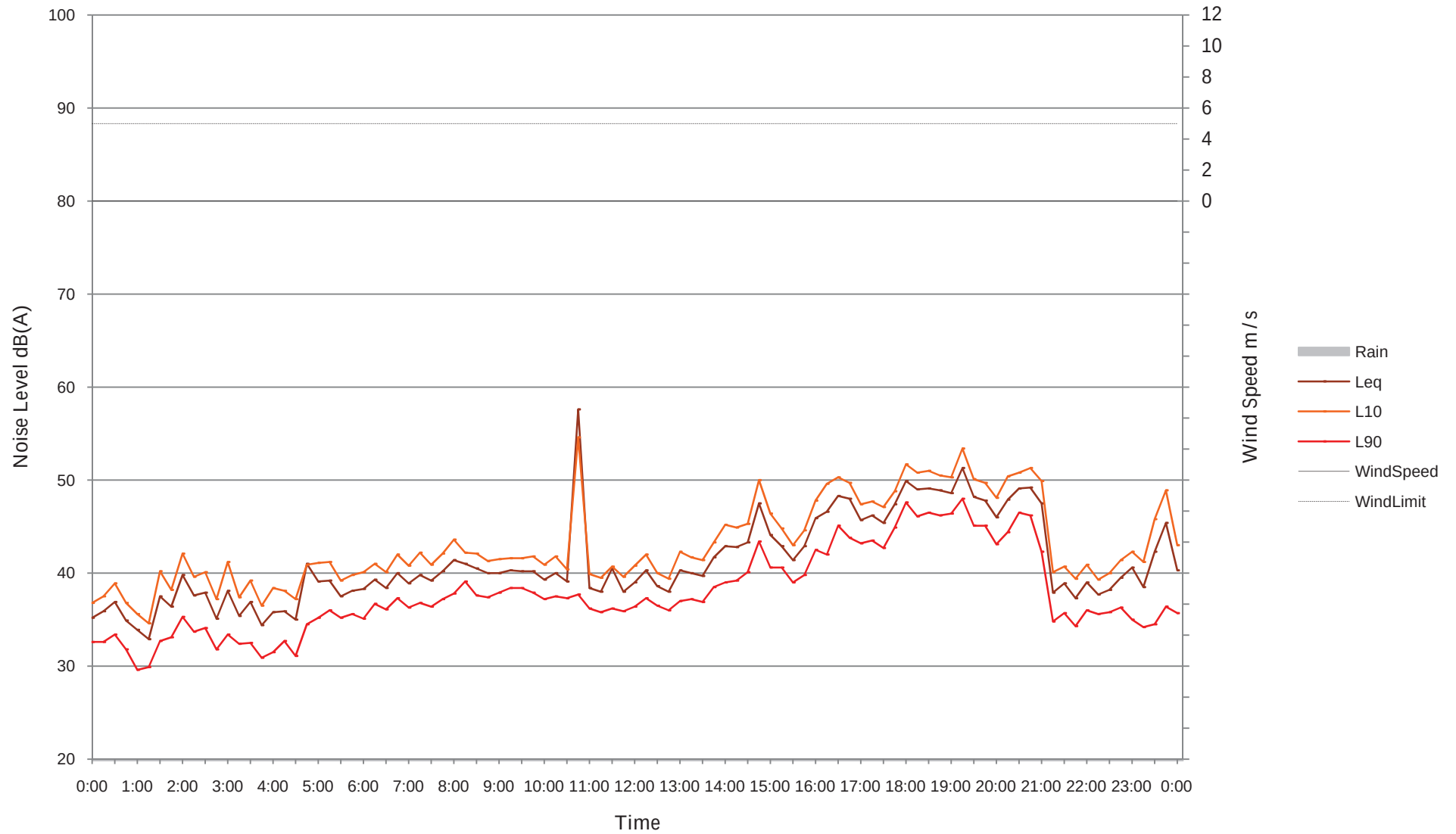
Measured Ambient Noise Levels
BG3 - Autumn 2015
Wednesday, 03-06-15



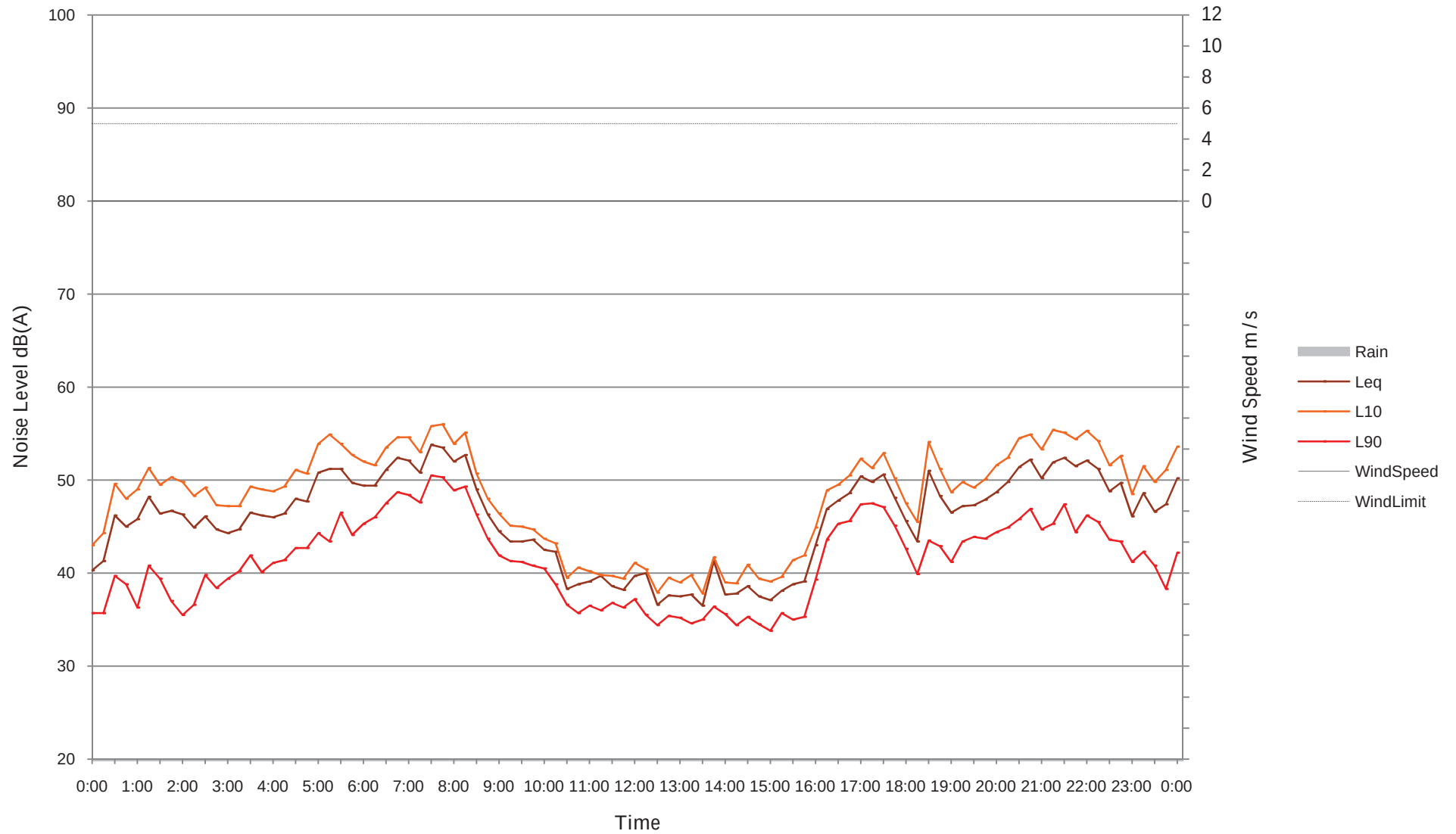
Measured Ambient Noise Levels
BG3 - Autumn 2015
Thursday, 04-06-15



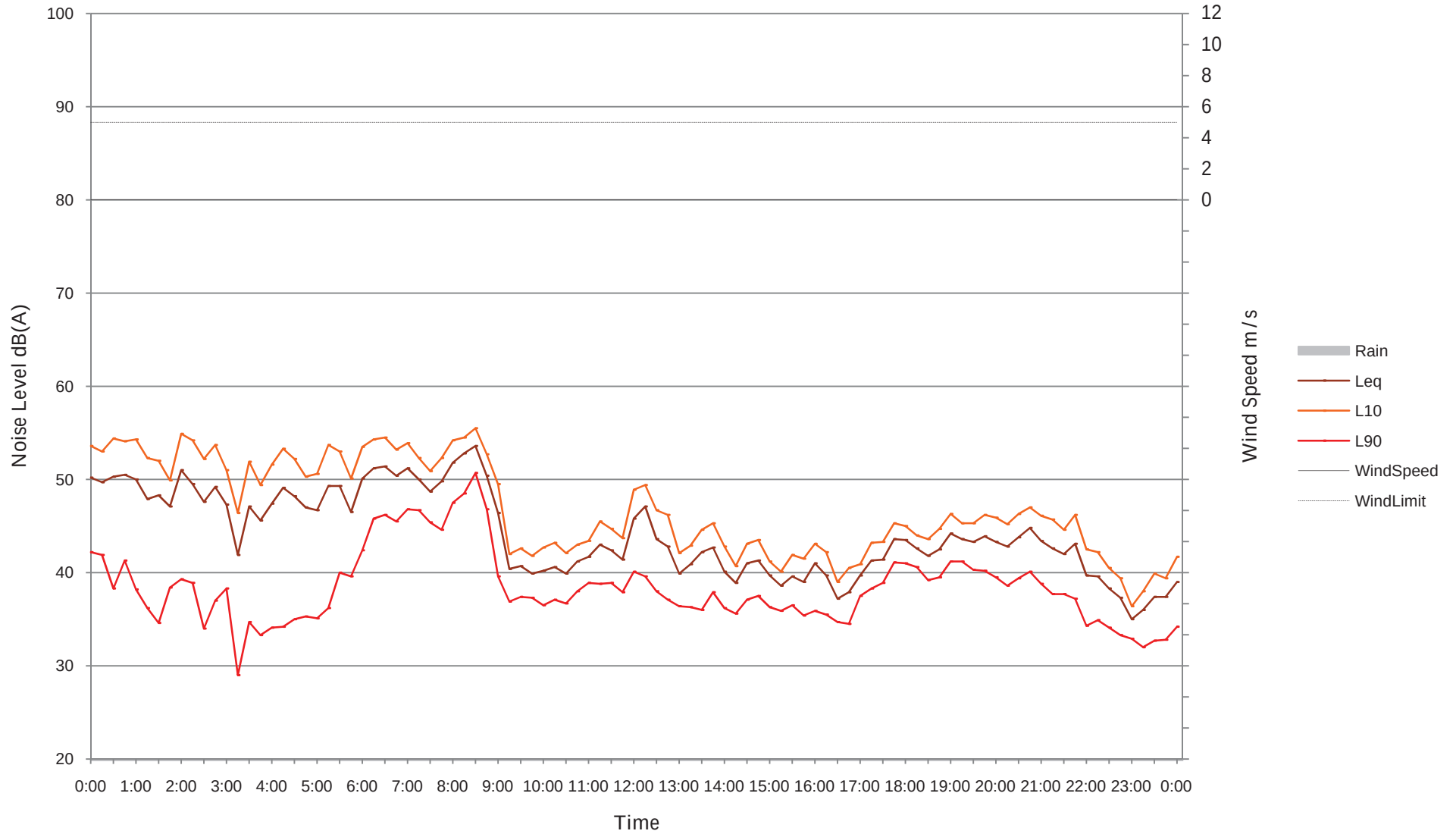
Measured Ambient Noise Levels
BG3 - Autumn 2015
Friday, 05-06-15



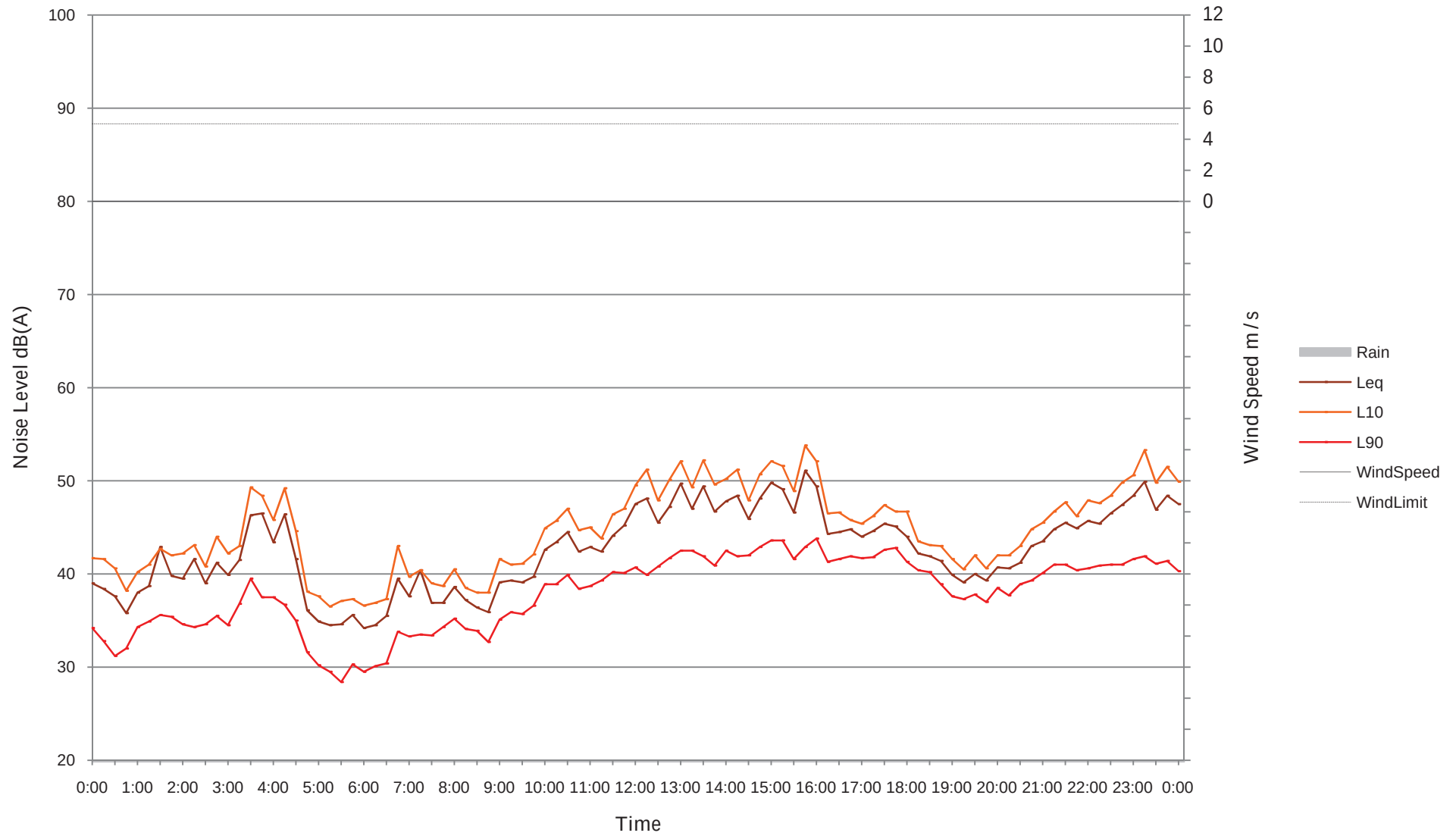
Measured Ambient Noise Levels
BG3 - Autumn 2015
Saturday, 06-06-15



Measured Ambient Noise Levels
BG3 - Autumn 2015
Sunday, 07-06-15



Measured Ambient Noise Levels
BG3 - Autumn 2015
Monday, 08-06-15



Measured Ambient Noise Levels
BG3 - Autumn 2015
Tuesday, 09-06-15

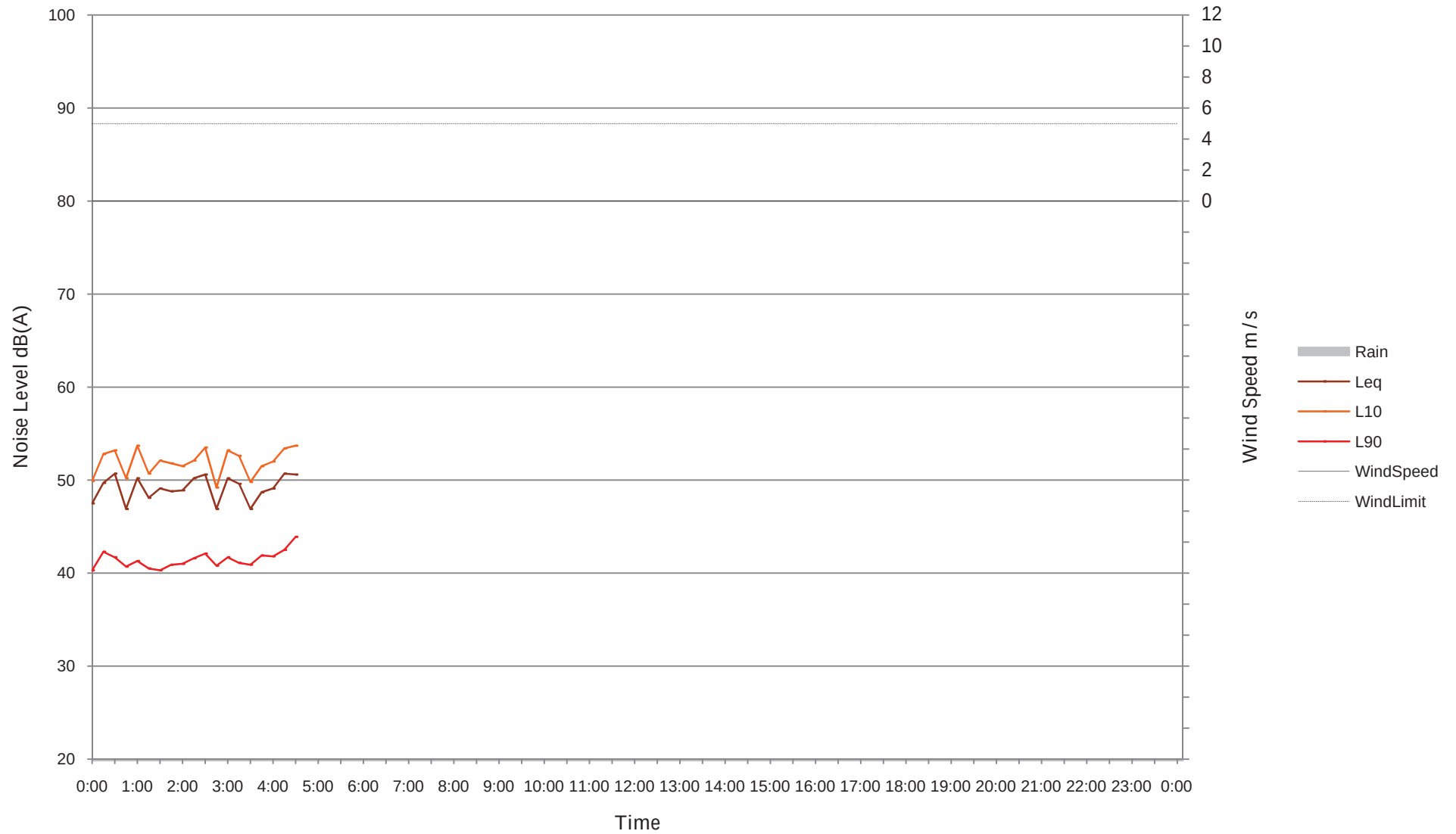


Table B.4 **BG4 background noise monitoring summary**

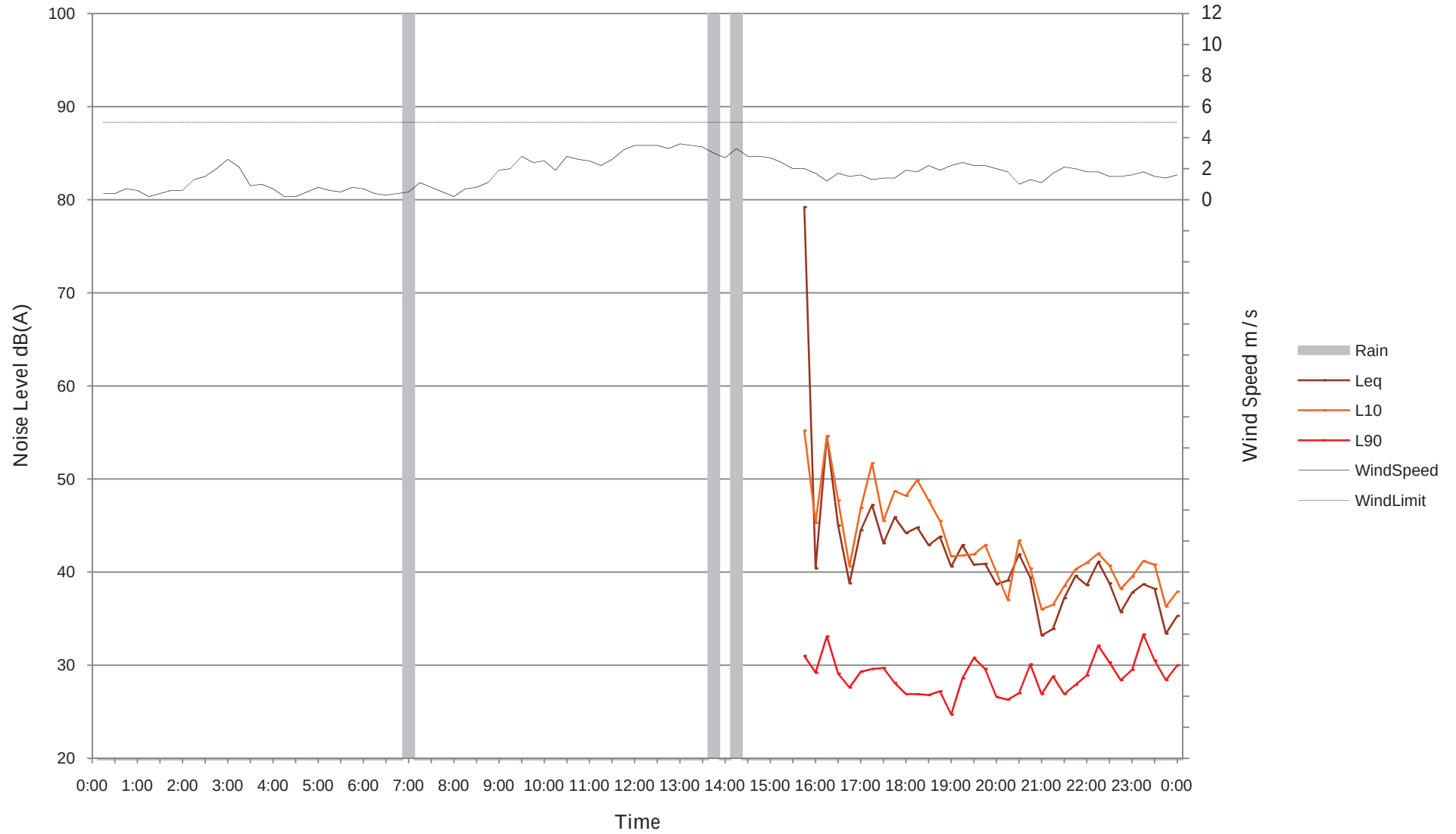
Date	ABL Day ²	ABL Evening ²	ABL Night ²
Autumn 2015			
Thursday, 28-05-15	0	26	24
Friday, 29-05-15	0	27	23
Saturday, 30-05-15	29	27	0
Sunday, 31-05-15	0	29	0
Monday, 01-06-15	0	33	31
Tuesday, 02-06-15	0	34	36
Wednesday, 03-06-15	28	40	37
Thursday, 04-06-15	27	27	0
Friday, 05-06-15	32	36	29
Saturday, 06-06-15	28	26	25
Sunday, 07-06-15	28	0	0
Rating Background Level (RBL)¹	30 (28) ³	30 (28) ³	30 (29) ³

Notes: 1. Adopted RBL shown in grey shading.

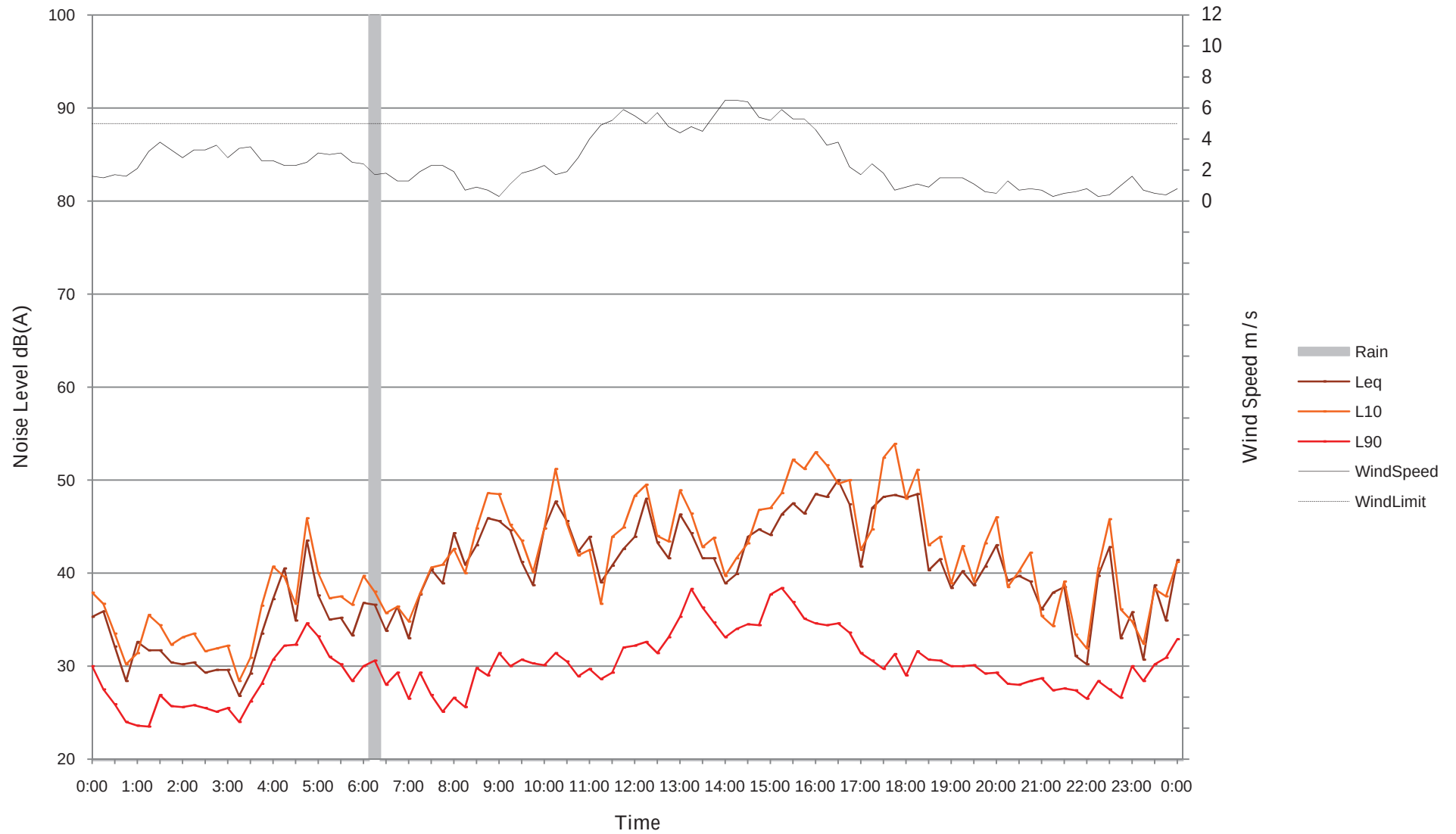
2. A "0" indicates insufficient data samples due to adverse weather or other extraneous effects.

3. Minimum 30 dB RBL adopted where recorded RBL is less than 30 dB.

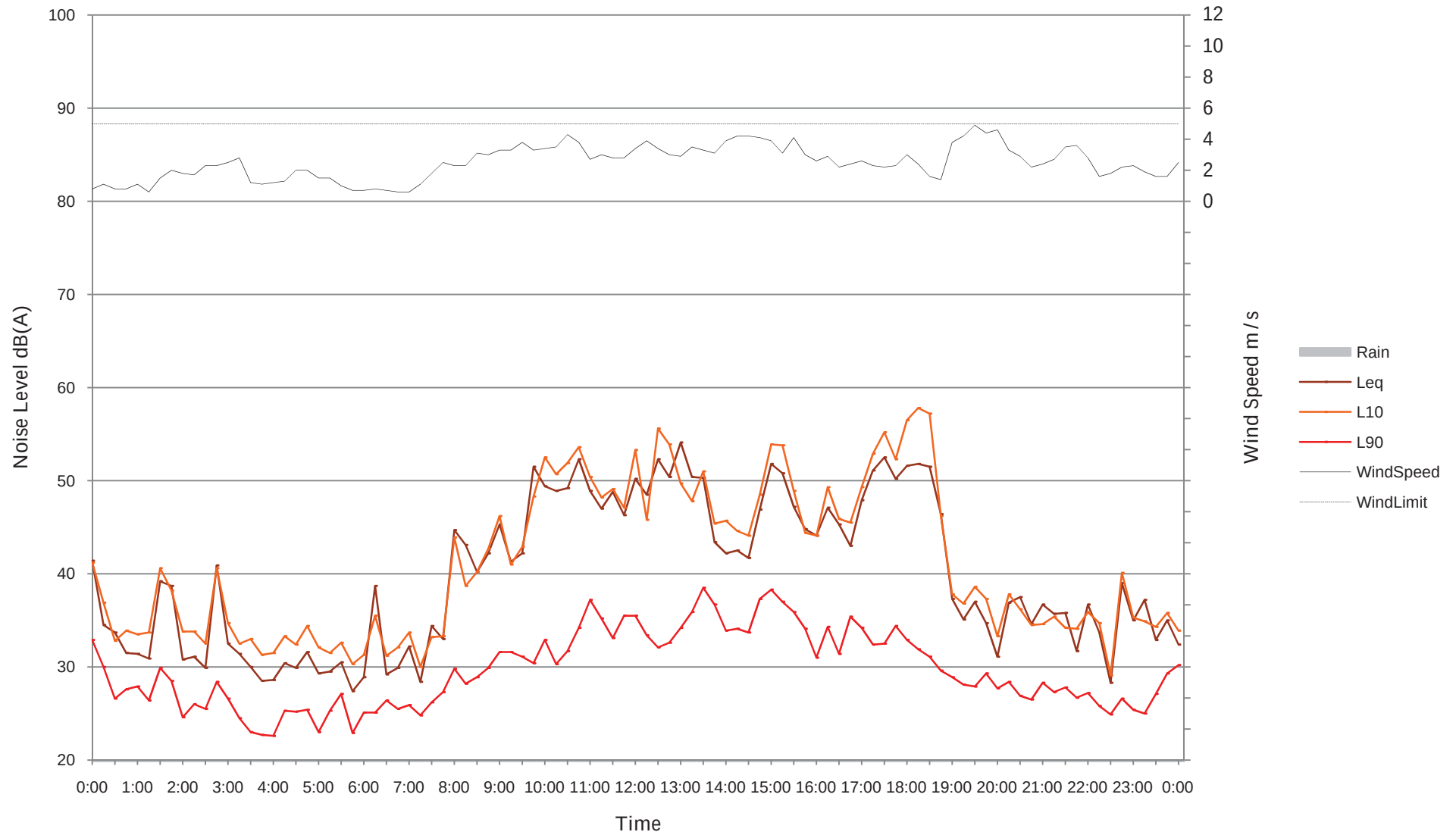
Measured Ambient Noise Levels
BG4 - Autumn 2015
Thursday, 28-05-15



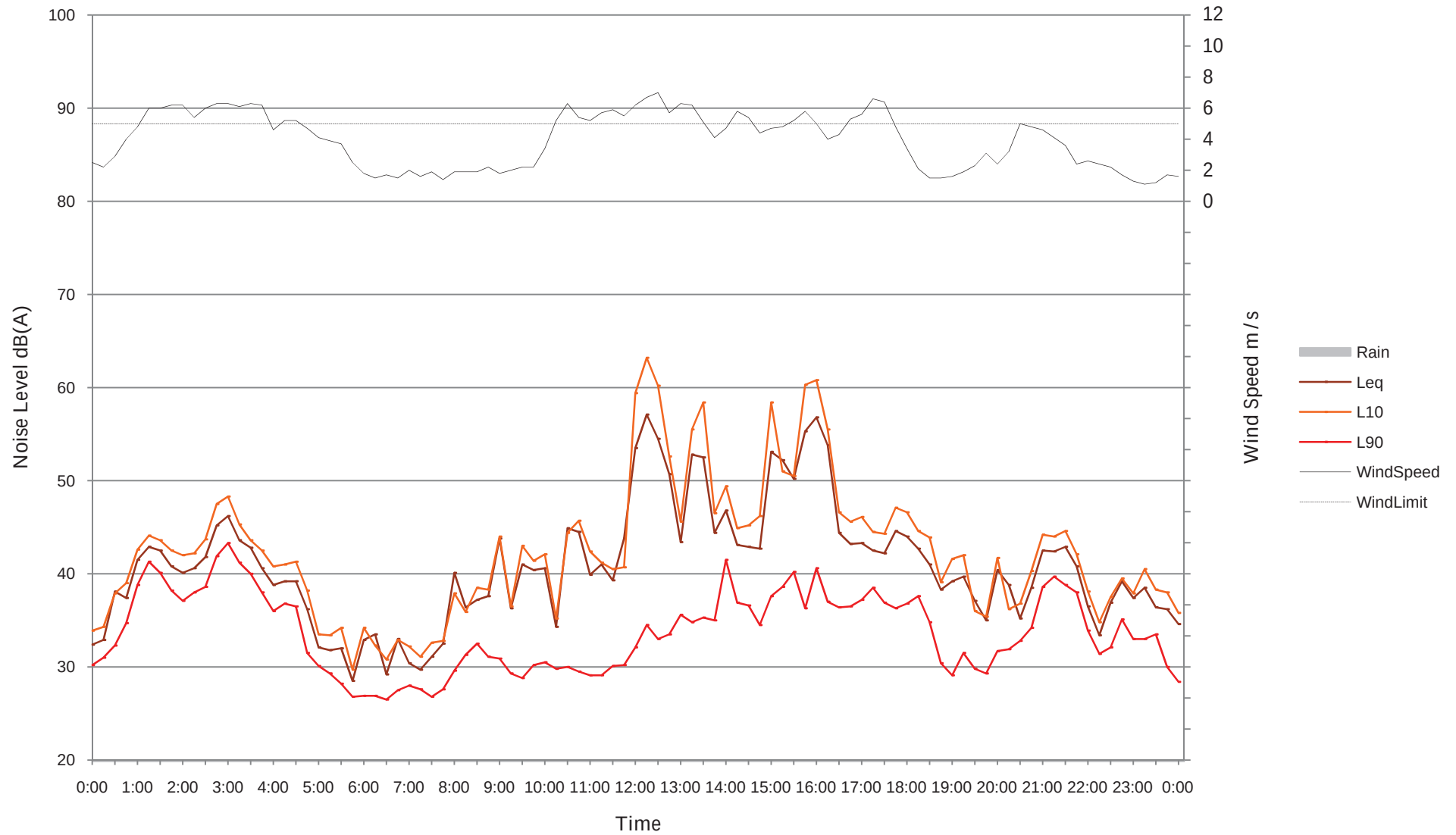
Measured Ambient Noise Levels
BG4 - Autumn 2015
Friday, 29-05-15



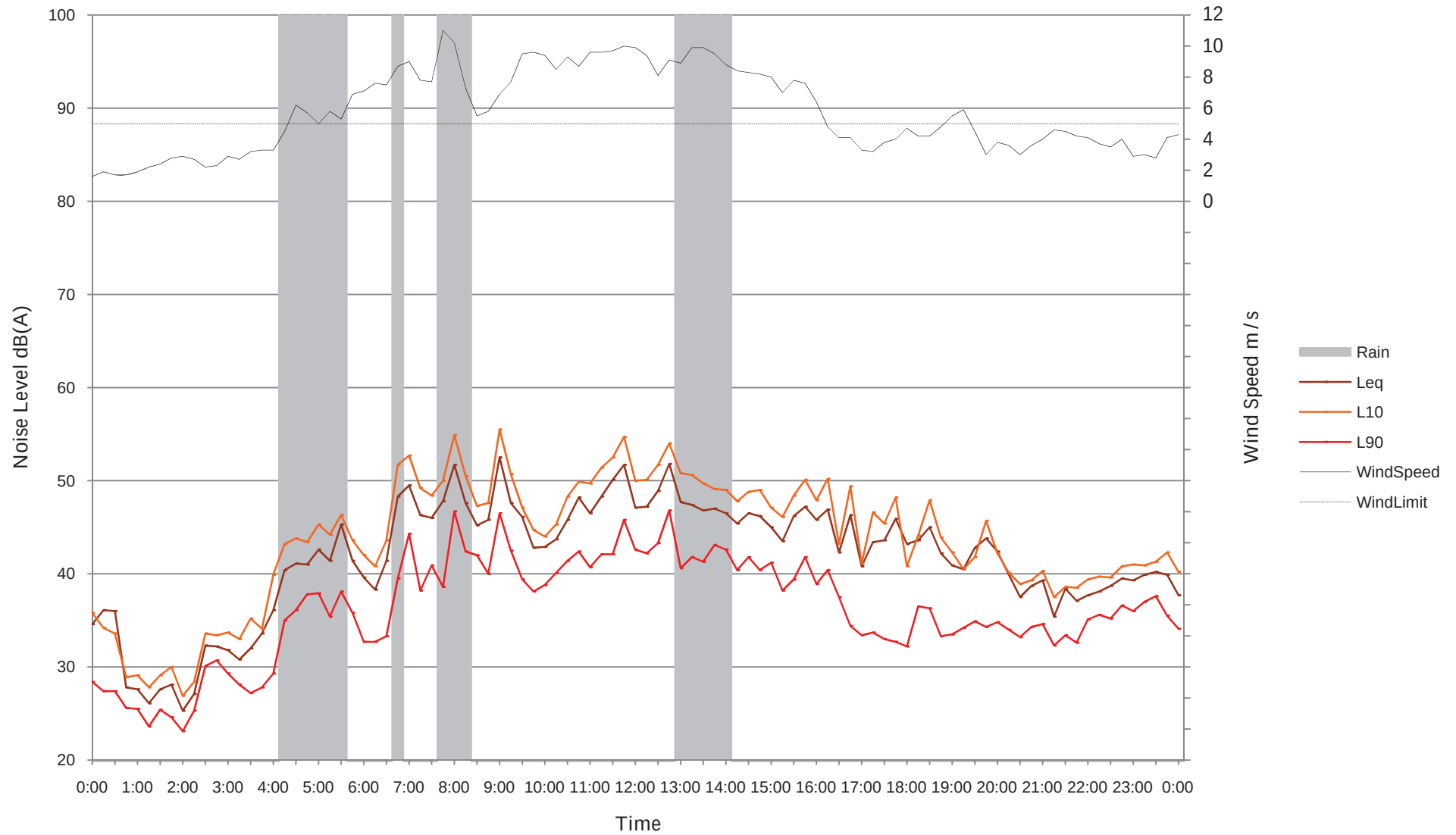
Measured Ambient Noise Levels
BG4 - Autumn 2015
Saturday, 30-05-15



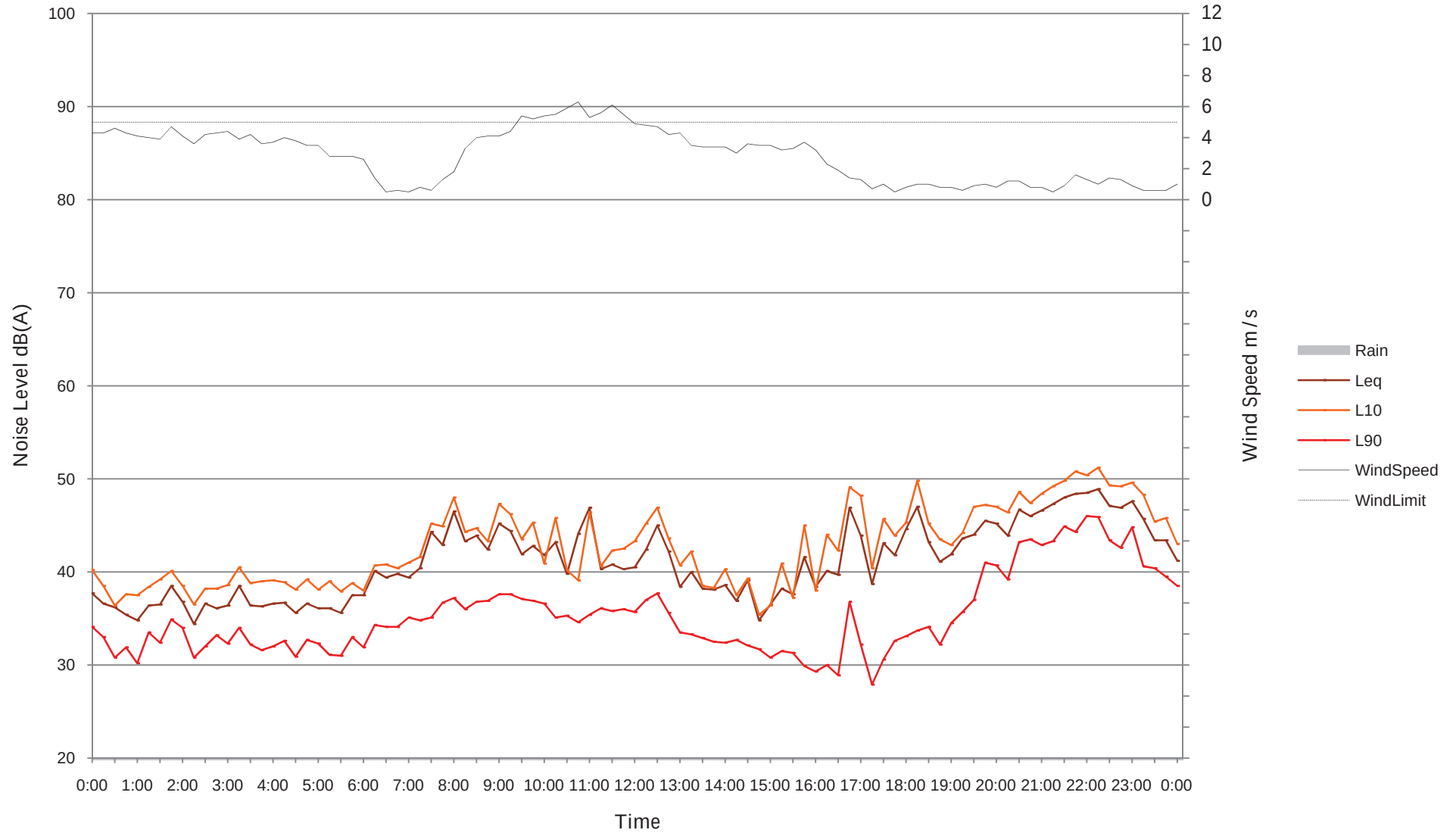
Measured Ambient Noise Levels
BG4 - Autumn 2015
Sunday, 31-05-15



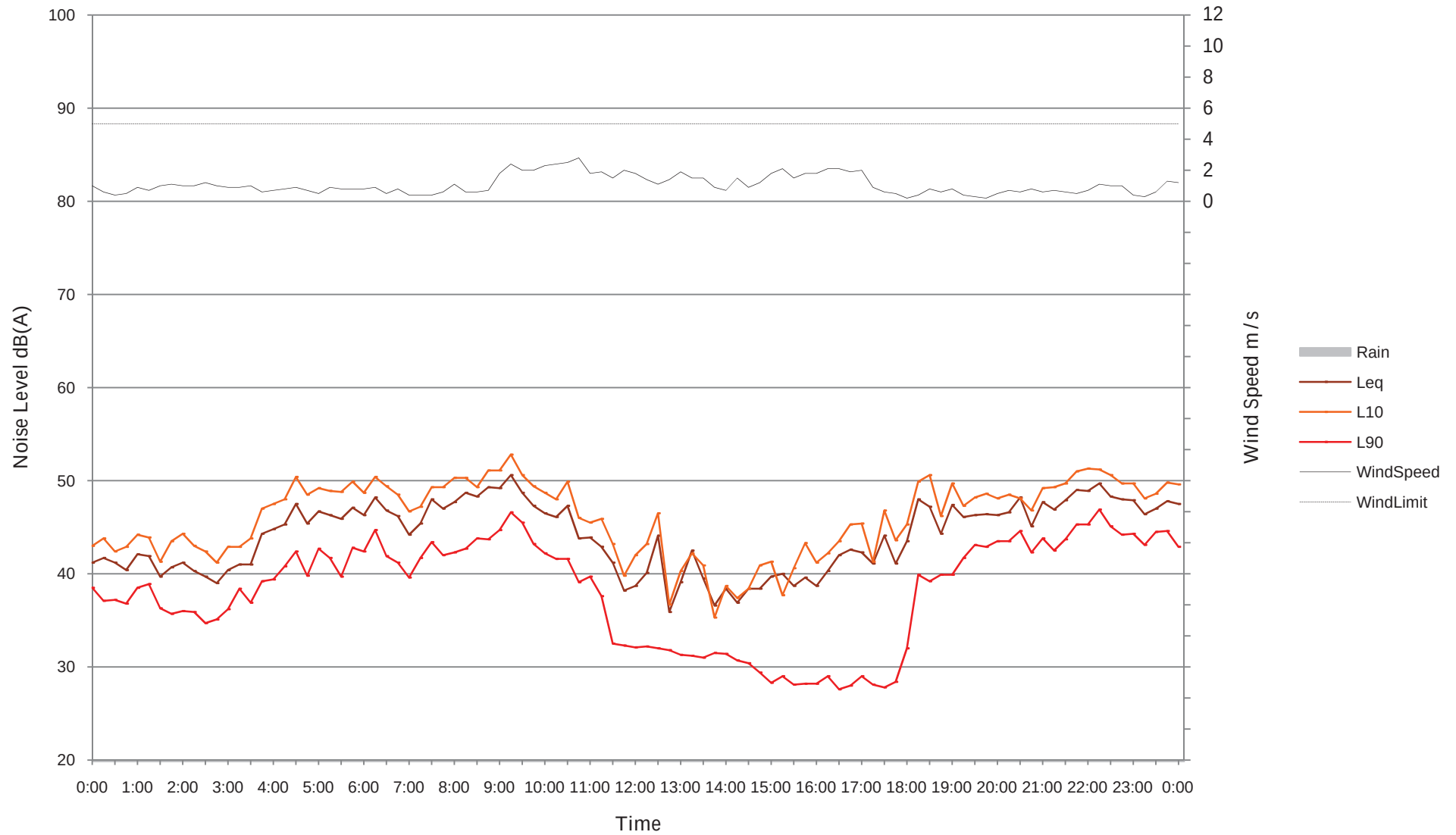
Measured Ambient Noise Levels
BG4 - Autumn 2015
Monday, 01-06-15



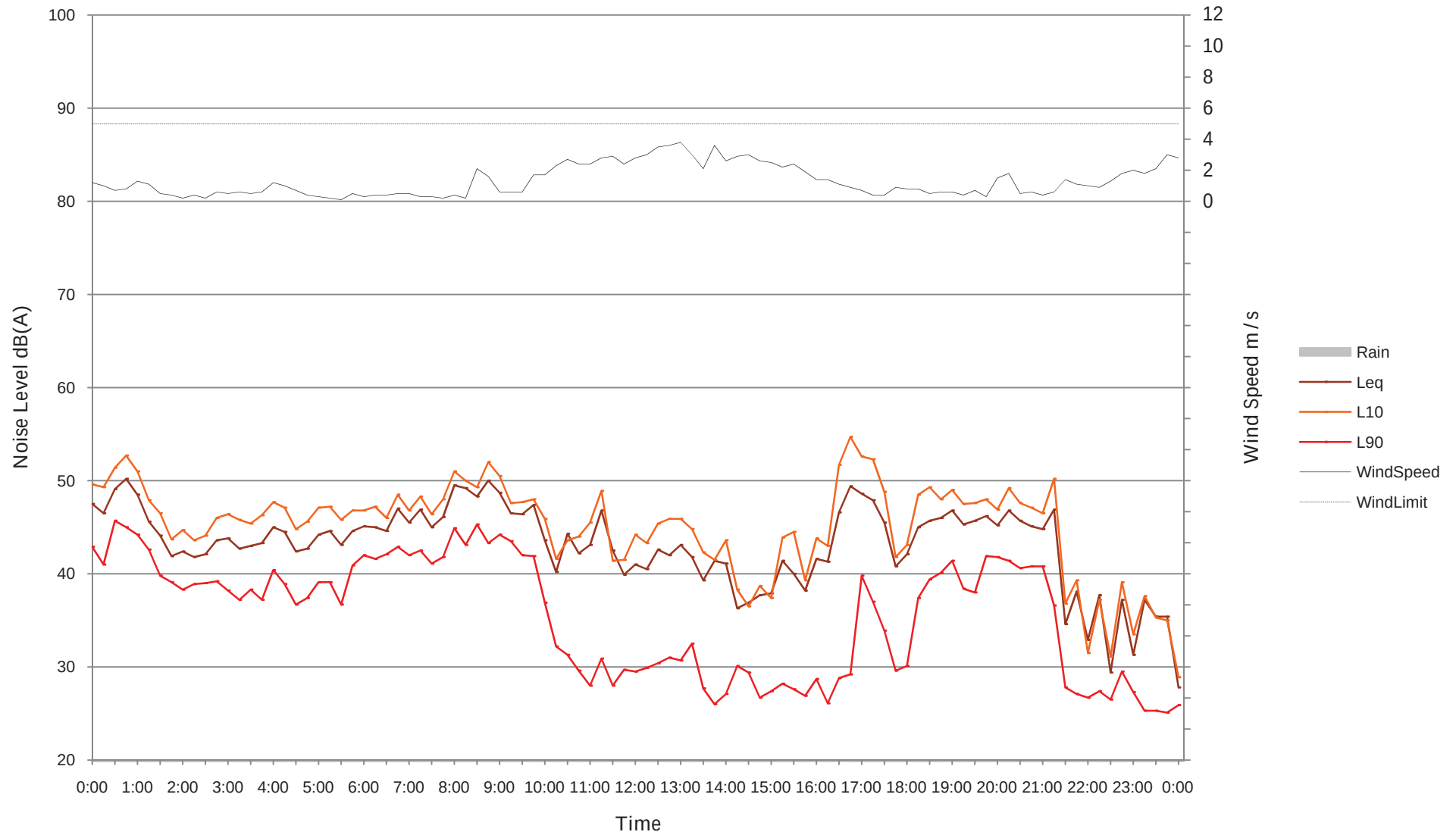
Measured Ambient Noise Levels
BG4 - Autumn 2015
Tuesday, 02-06-15



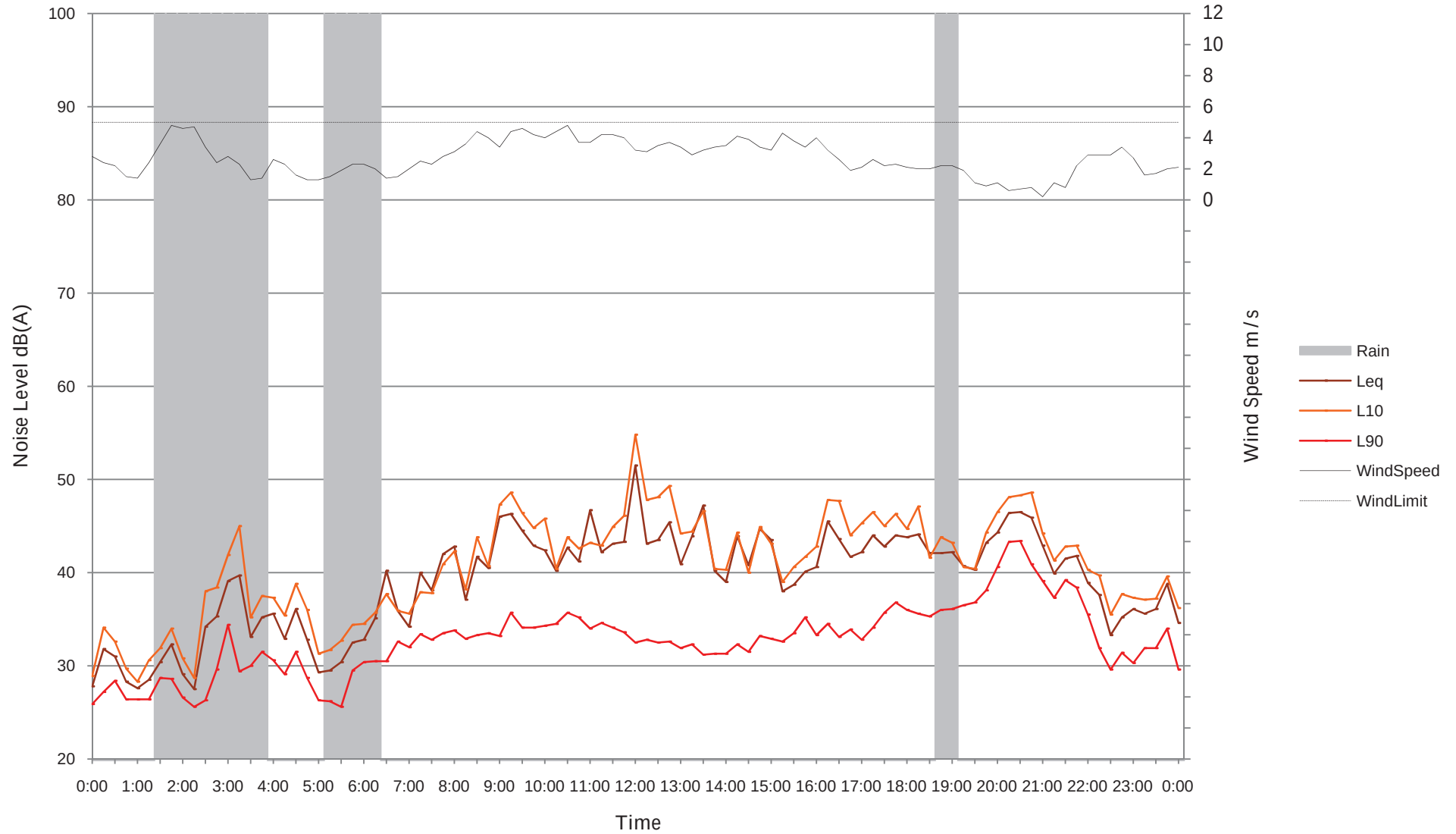
Measured Ambient Noise Levels
BG4 - Autumn 2015
Wednesday, 03-06-15



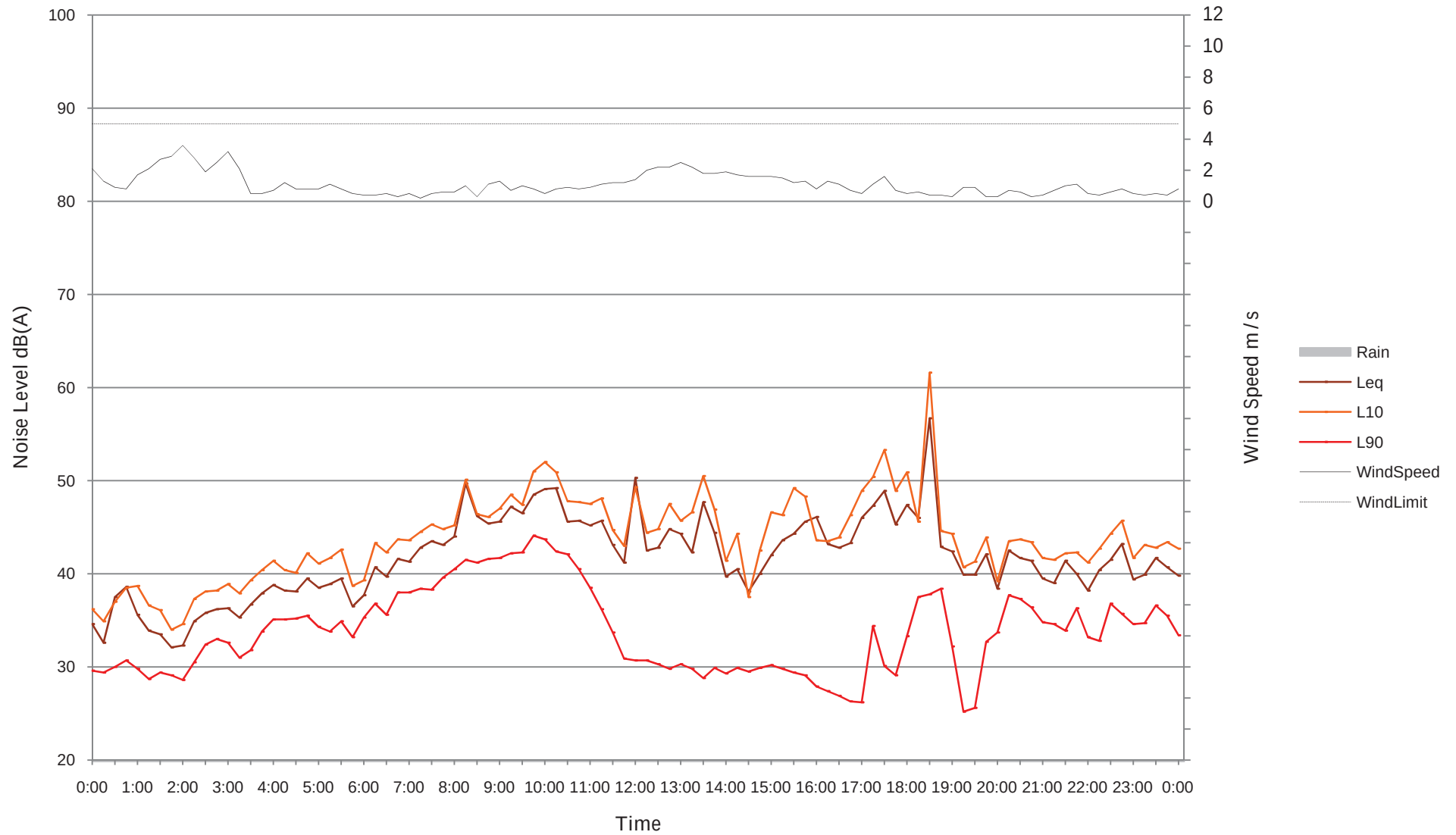
Measured Ambient Noise Levels
BG4 - Autumn 2015
Thursday, 04-06-15



Measured Ambient Noise Levels
BG4 - Autumn 2015
Friday, 05-06-15



Measured Ambient Noise Levels
BG4 - Autumn 2015
Saturday, 06-06-15



Measured Ambient Noise Levels
BG4 - Autumn 2015
Sunday, 07-06-15

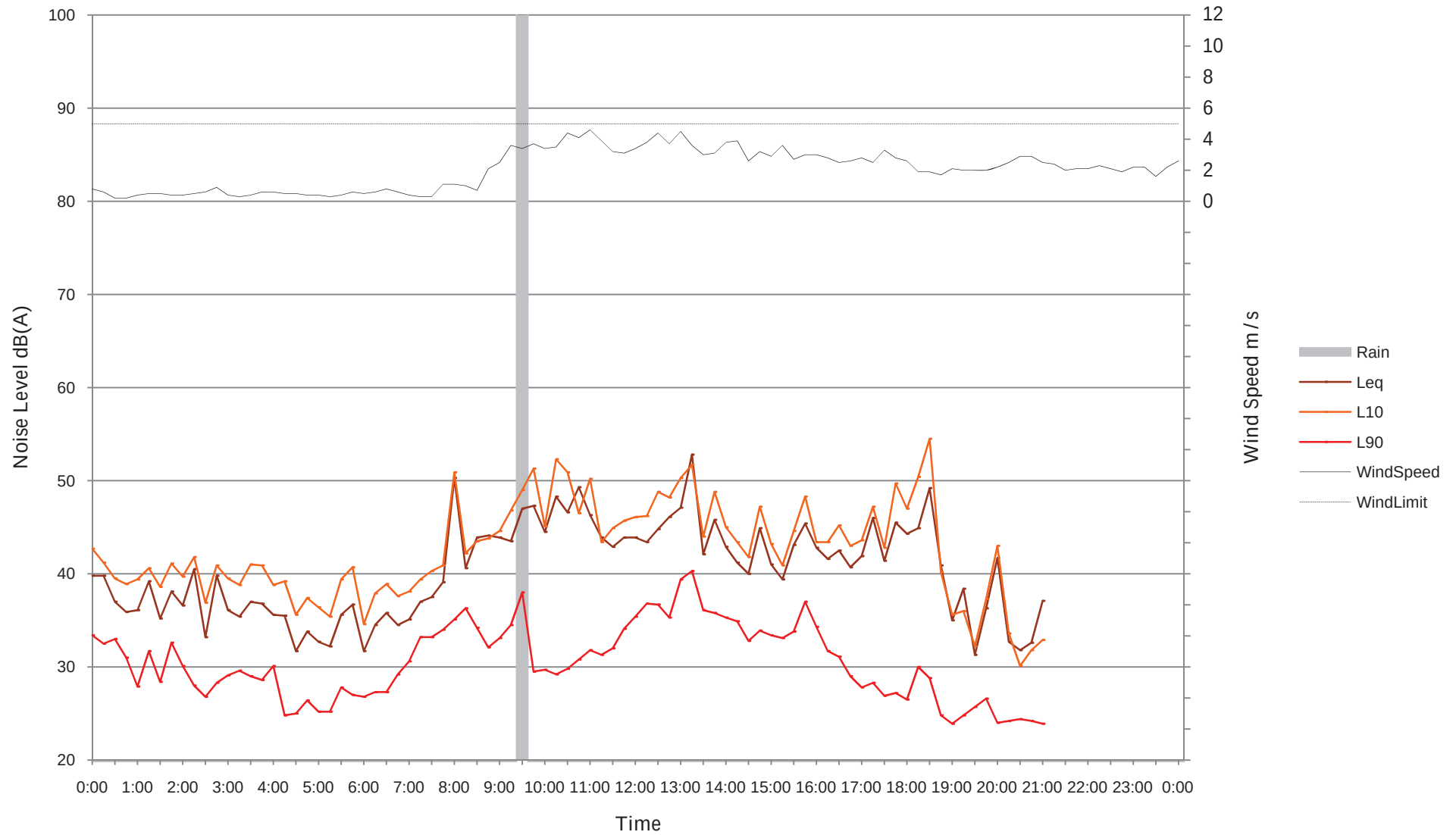


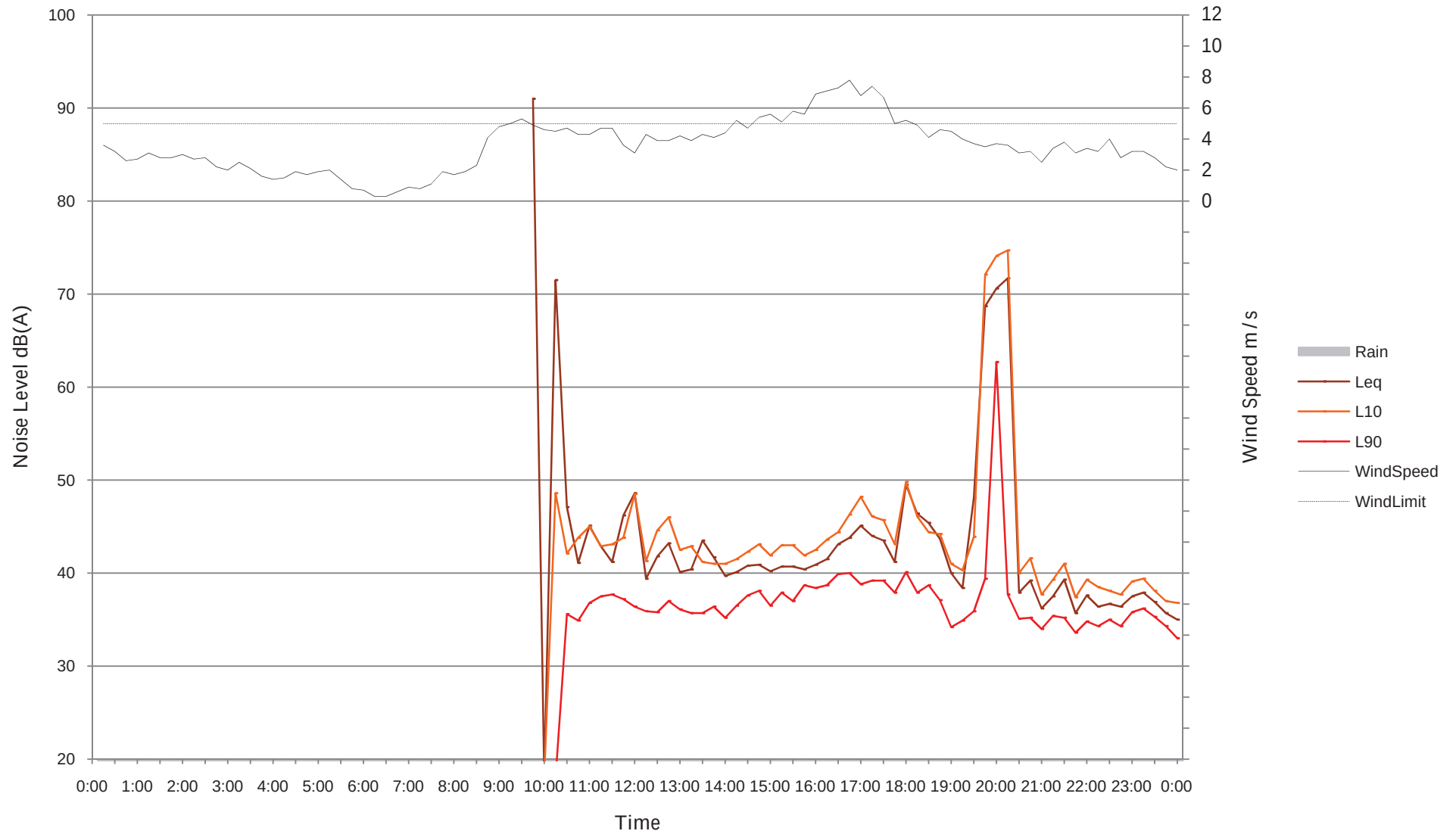
Table B.5 **BG5 background noise monitoring summary**

Date	ABL Day ²	ABL Evening ²	ABL Night ²
Summer 2015			
Thursday, 19-02-15	0	34	30
Friday, 20-02-15	33	31	30
Saturday, 21-02-15	0	0	29
Sunday, 22-02-15	33	32	29
Monday, 23-02-15	33	32	31
Tuesday, 24-02-15	39	39	0
Wednesday, 25-02-15	40	36	31
Thursday, 26-02-15	36	0	40
Friday, 27-02-15	35	37	37
Saturday, 28-02-15	38	34	31
Sunday, 01-03-15	35	44	42
Monday, 02-03-15	18	18	0
Rating Background Level (RBL)¹	35	34	31

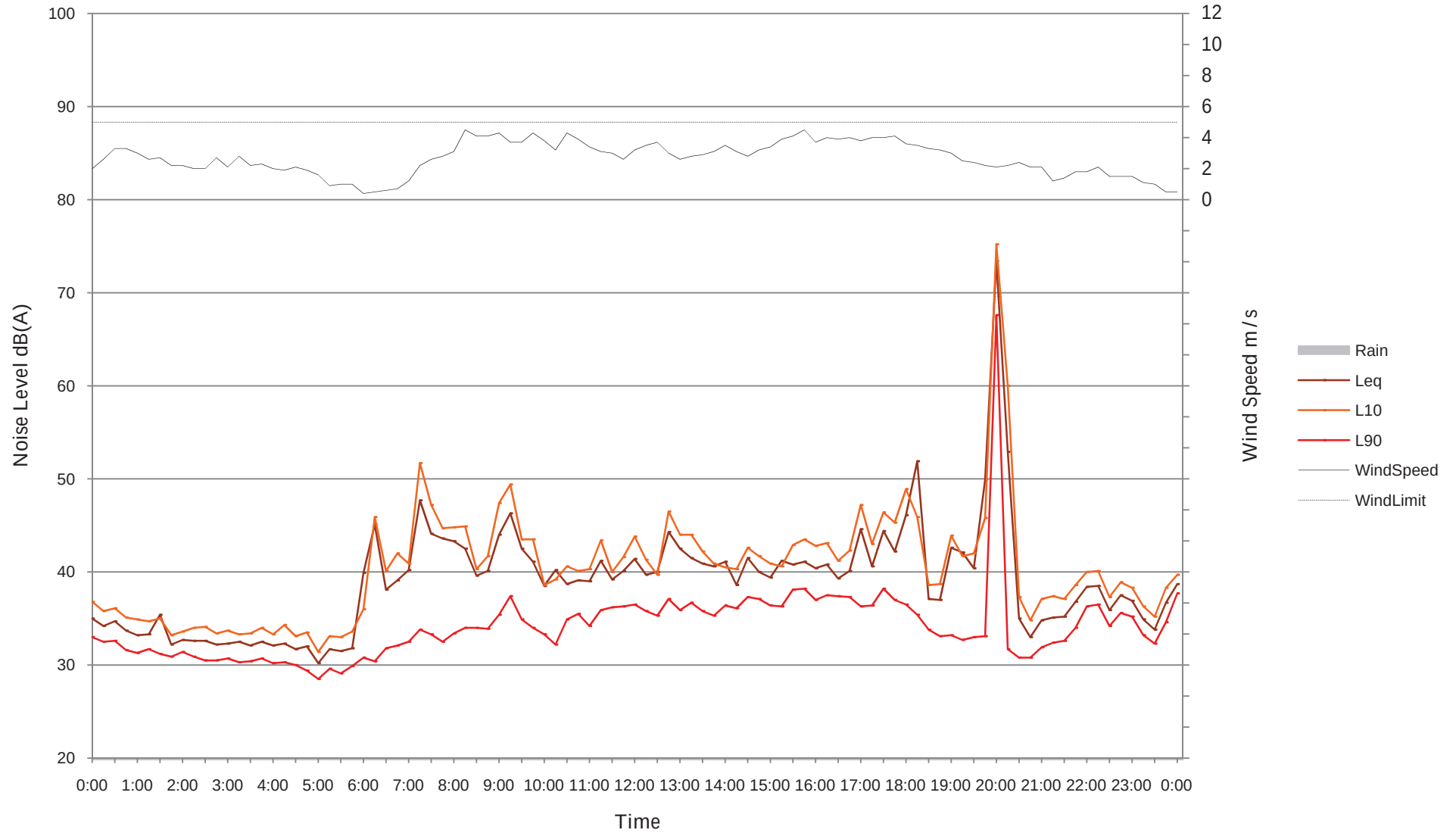
Notes: 1. Adopted RBL shown in grey shading.

 2. A "0" indicates insufficient data samples due to adverse weather or other extraneous effects.

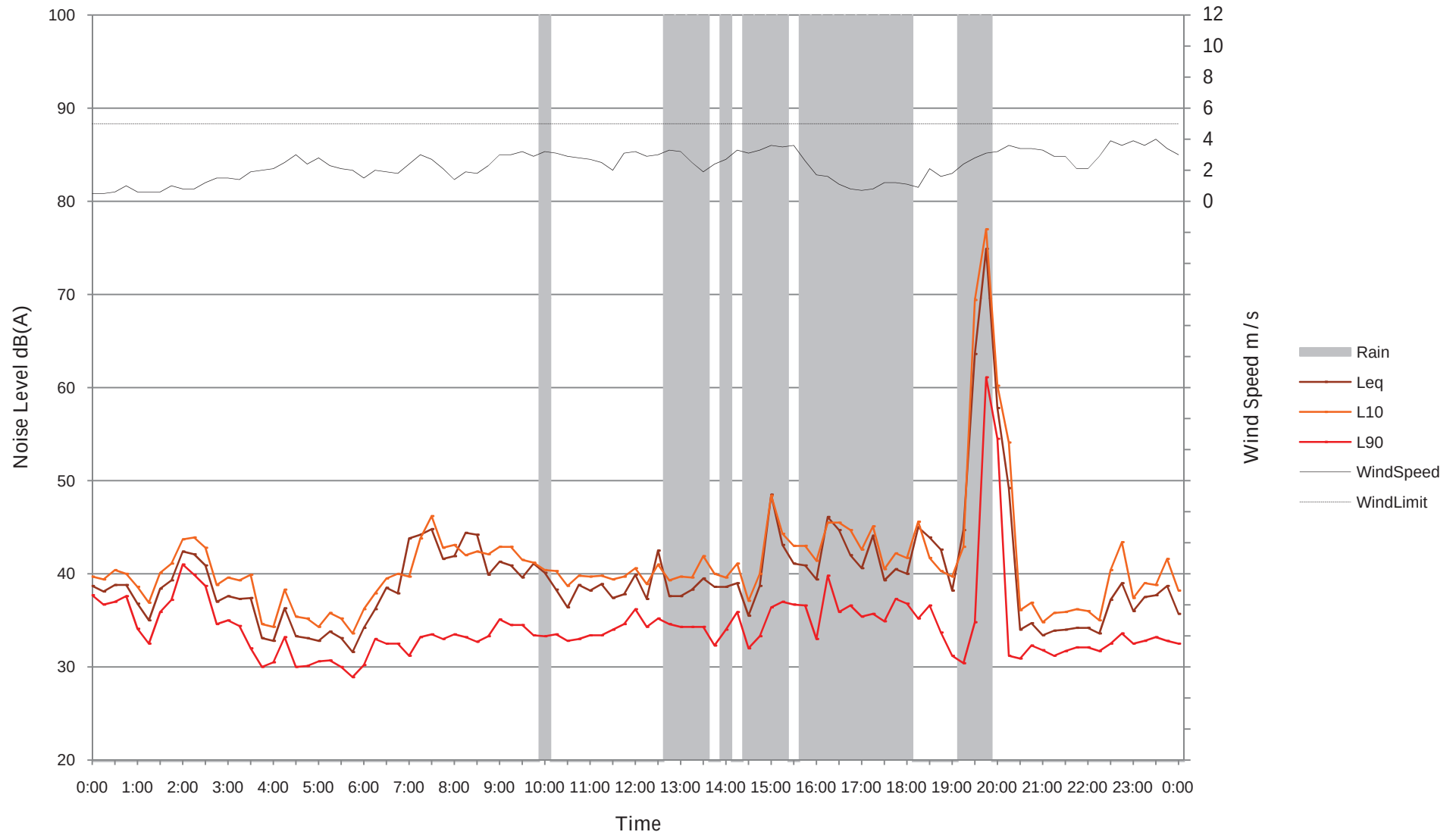
Measured Ambient Noise Levels
BG5 - Summer 2015
Thursday, 19-02-15



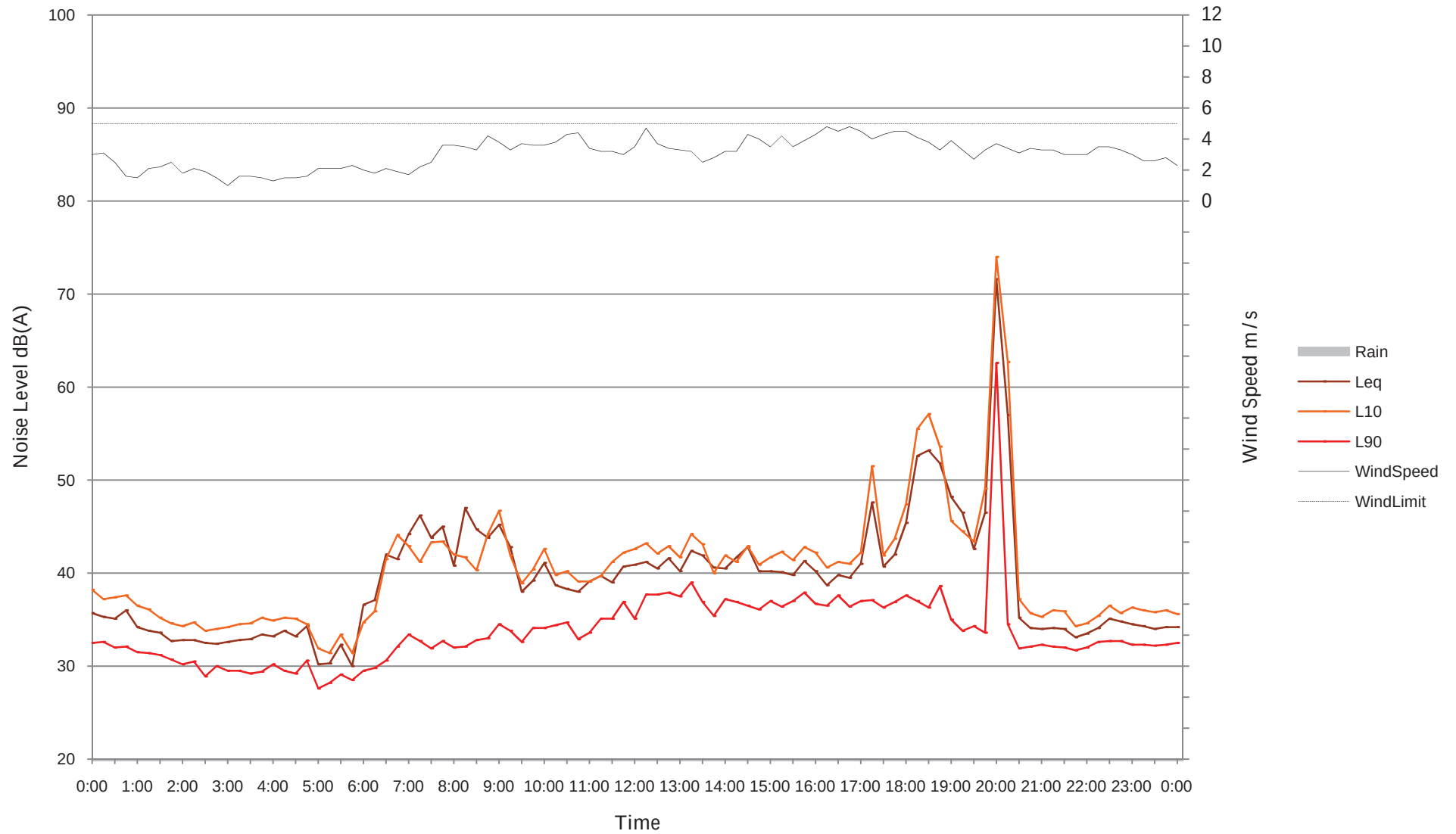
Measured Ambient Noise Levels
BG5 - Summer 2015
Friday, 20-02-15



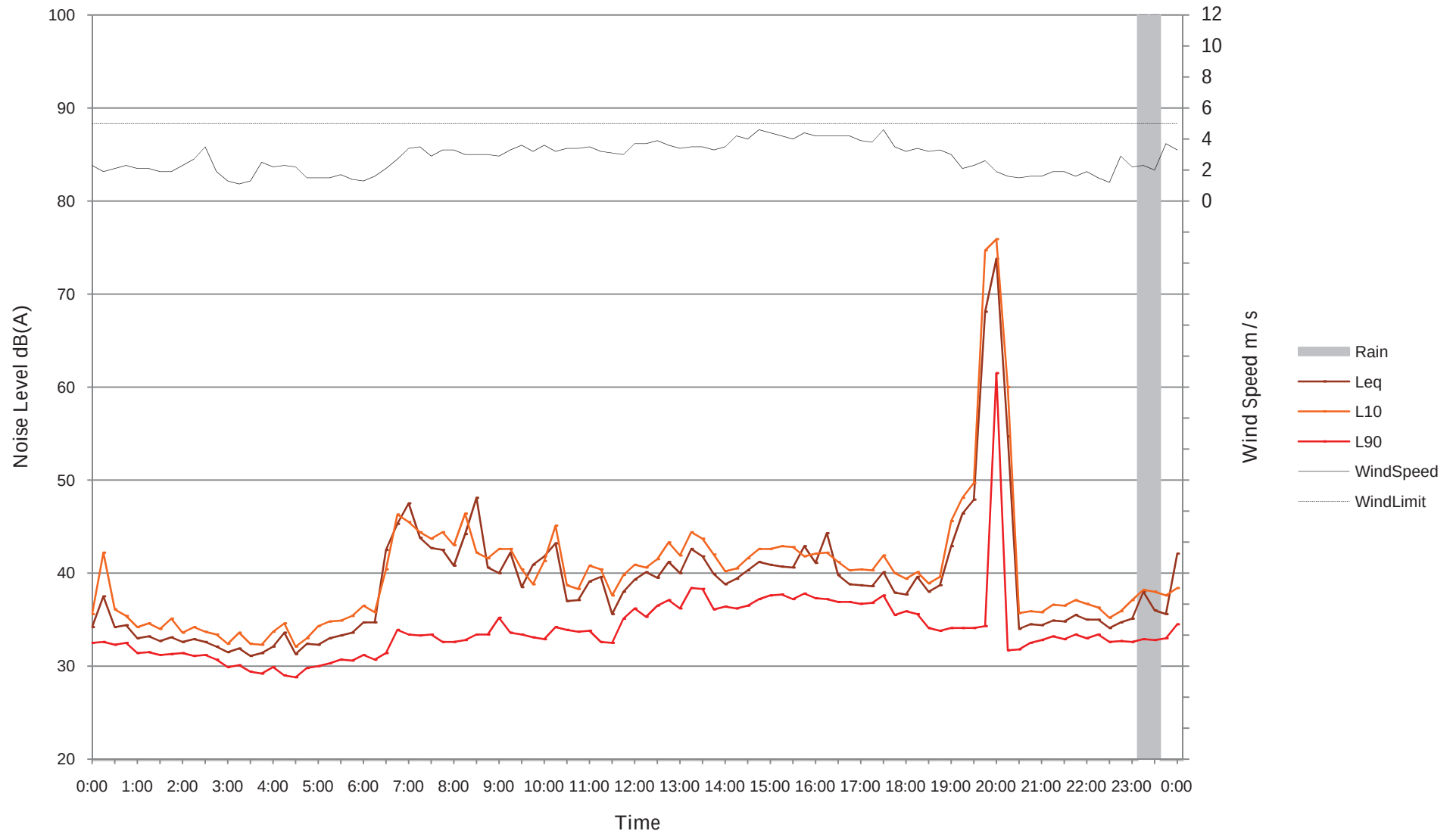
Measured Ambient Noise Levels
BG5 - Summer 2015
Saturday, 21-02-15



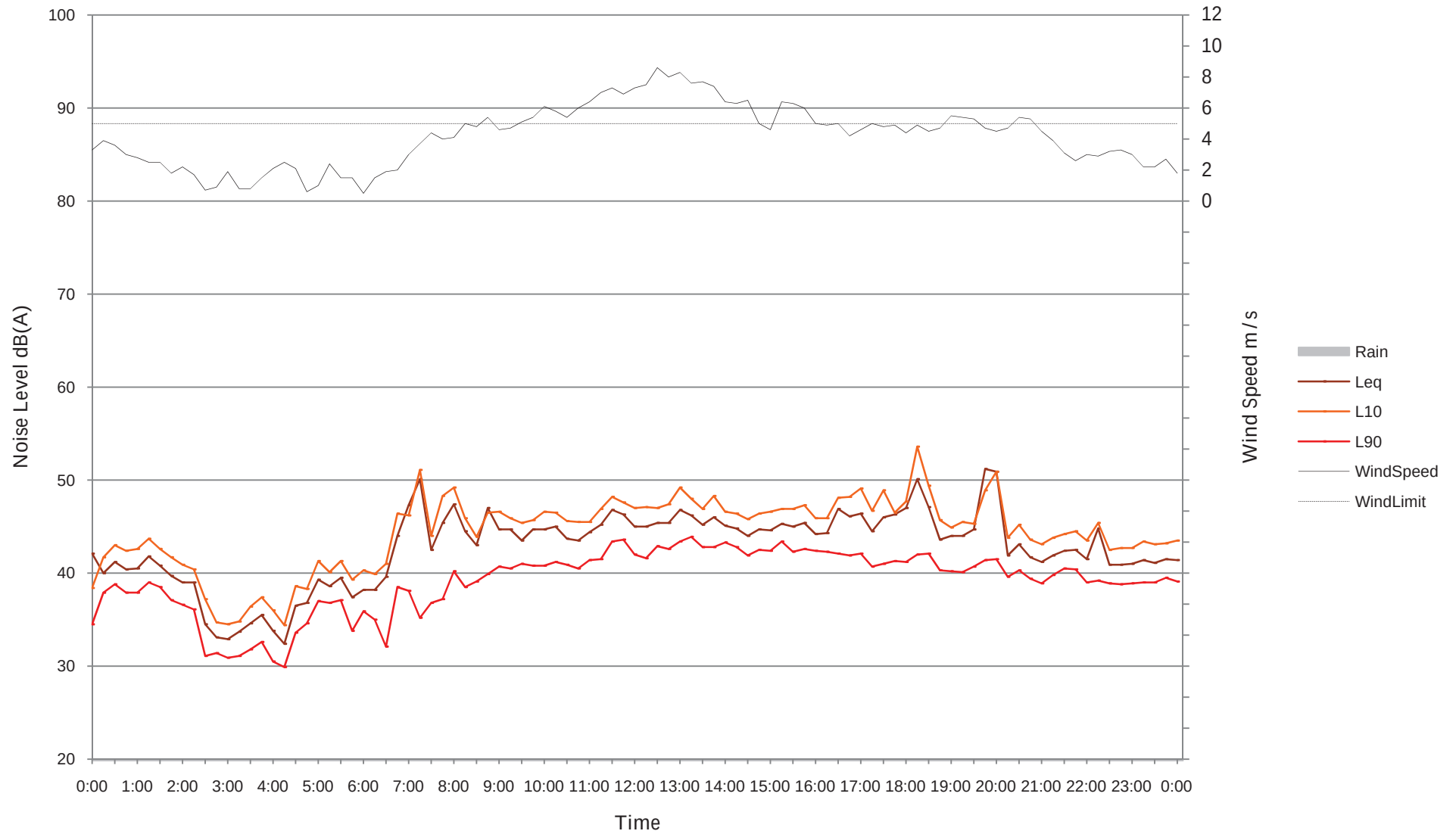
Measured Ambient Noise Levels
BG5 - Summer 2015
Sunday, 22-02-15



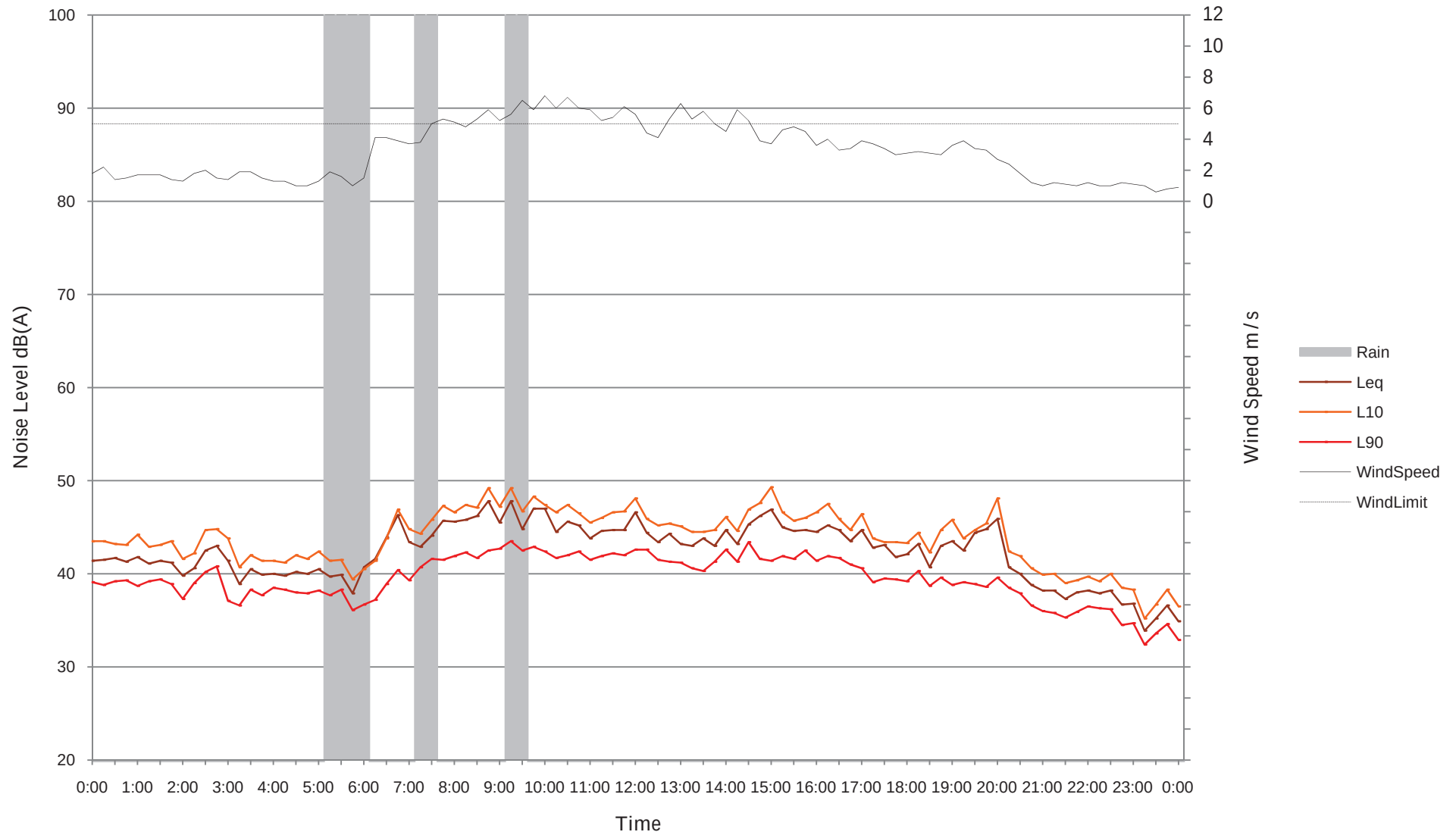
Measured Ambient Noise Levels
BG5 - Summer 2015
Monday, 23-02-15



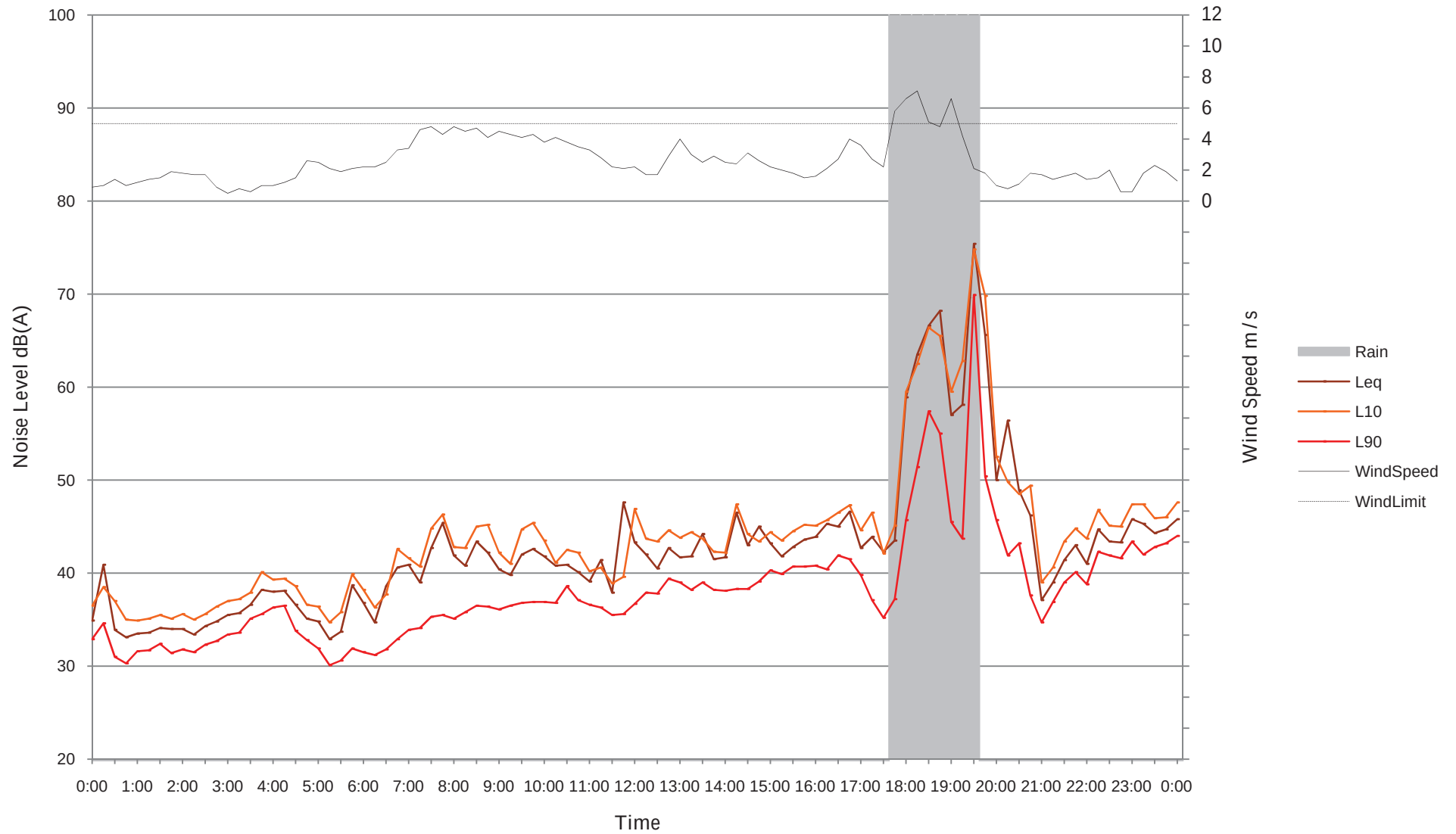
Measured Ambient Noise Levels
BG5 - Summer 2015
Tuesday, 24-02-15



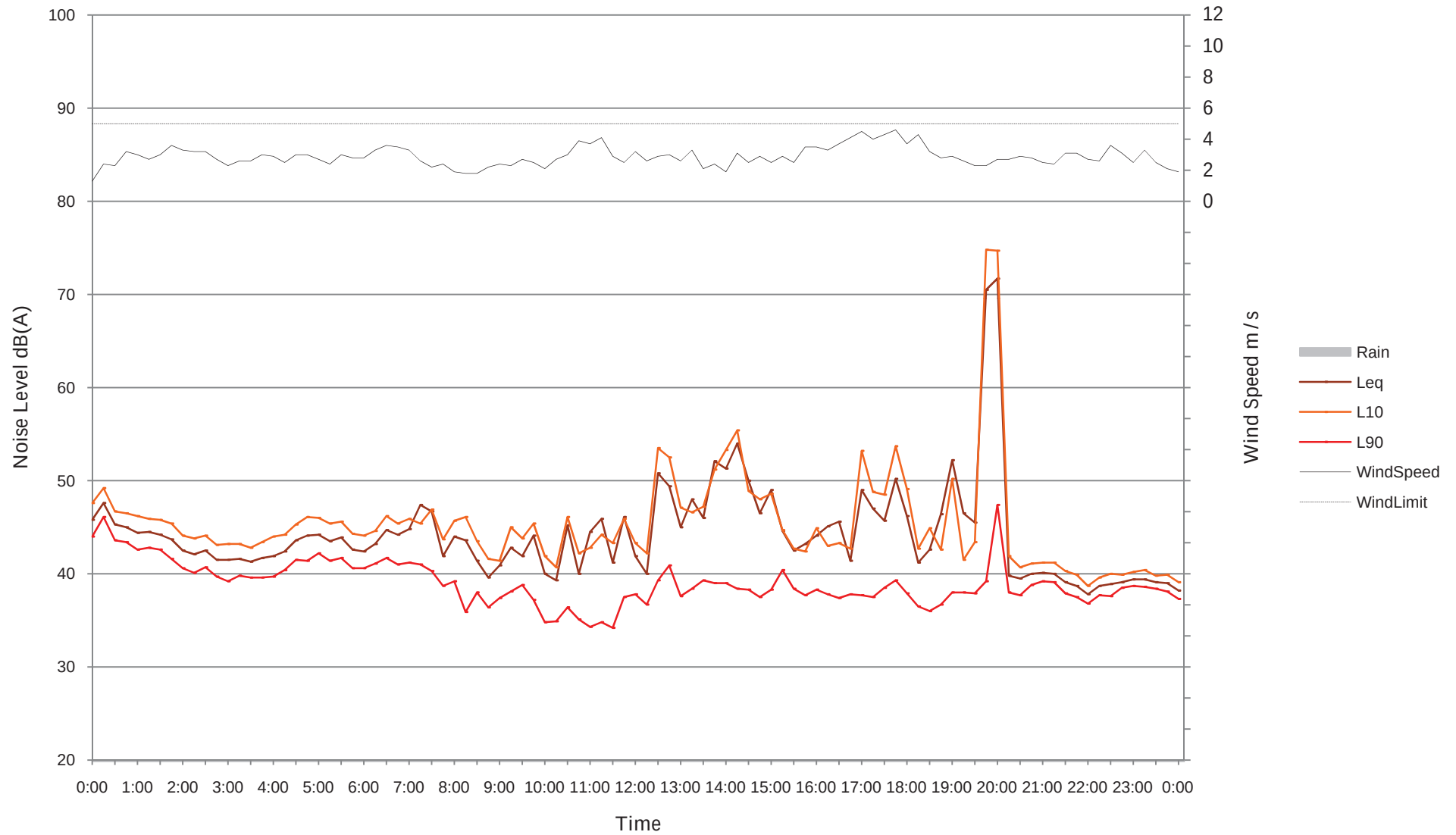
Measured Ambient Noise Levels
BG5 - Summer 2015
Wednesday, 25-02-15



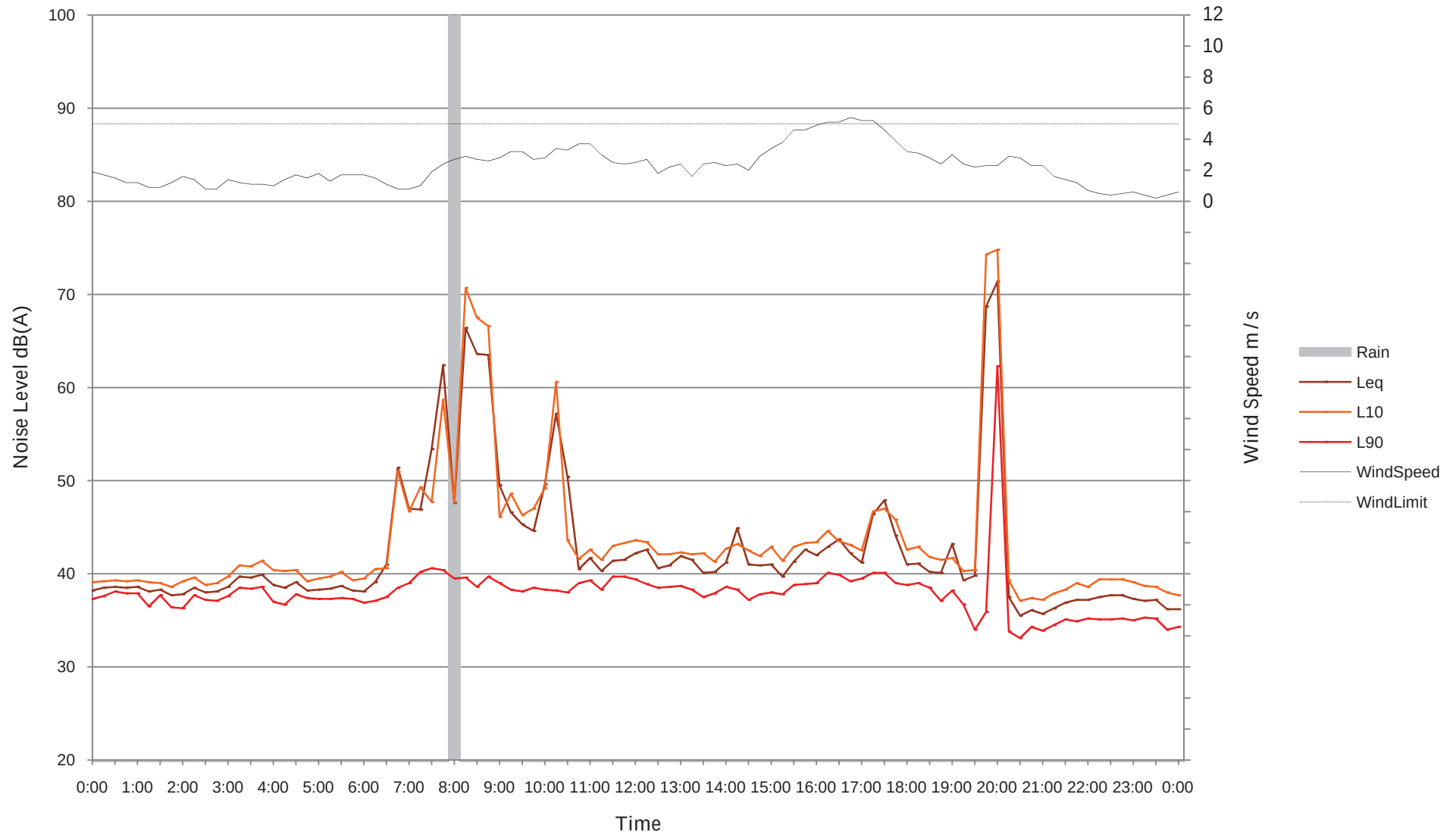
Measured Ambient Noise Levels
BG5 - Summer 2015
Thursday, 26-02-15



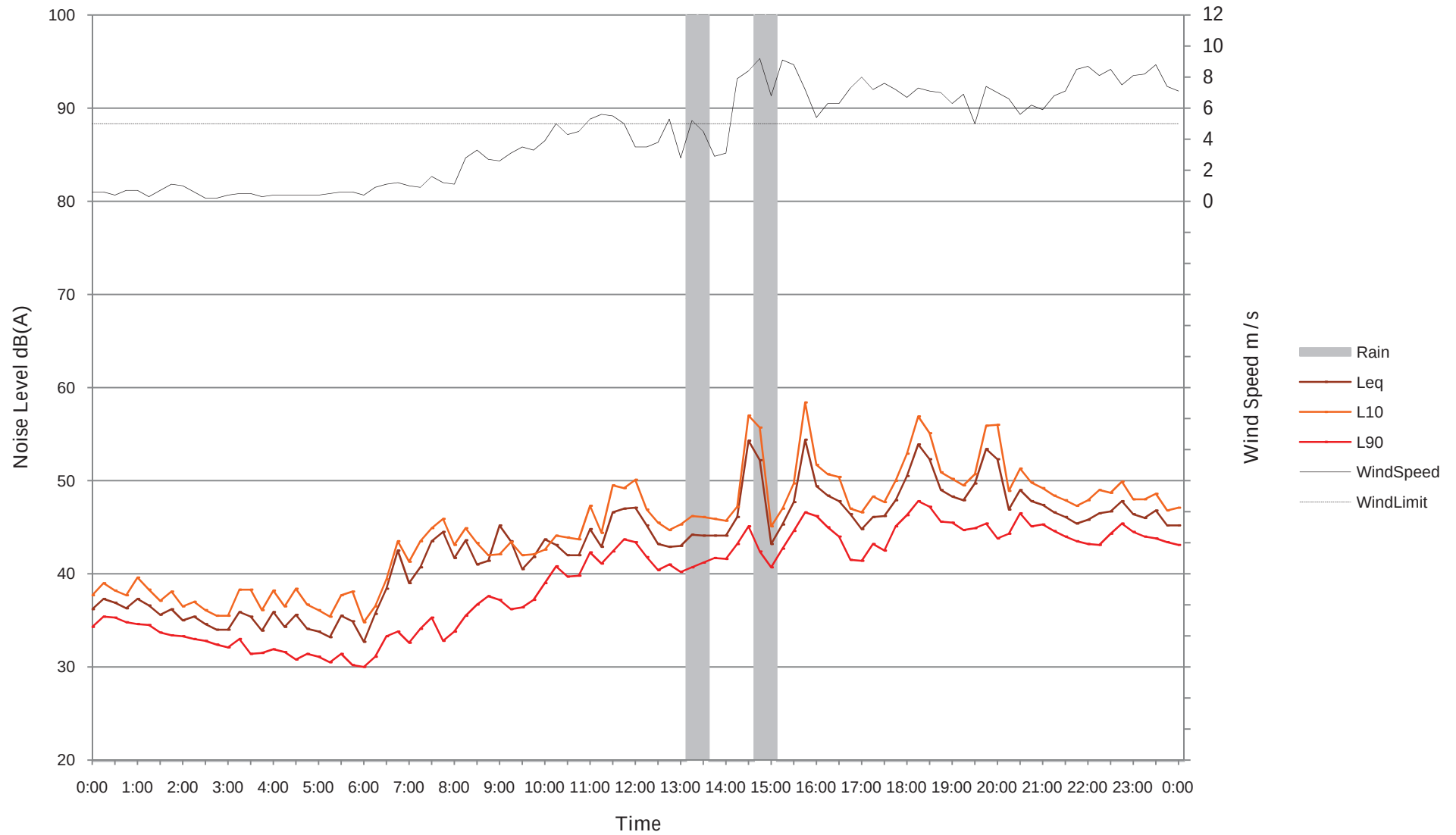
Measured Ambient Noise Levels
BG5 - Summer 2015
Friday, 27-02-15



Measured Ambient Noise Levels
BG5 - Summer 2015
Saturday, 28-02-15



Measured Ambient Noise Levels
BG5 - Summer 2015
Sunday, 01-03-15



Measured Ambient Noise Levels
BG5 - Summer 2015
Monday, 02-03-15

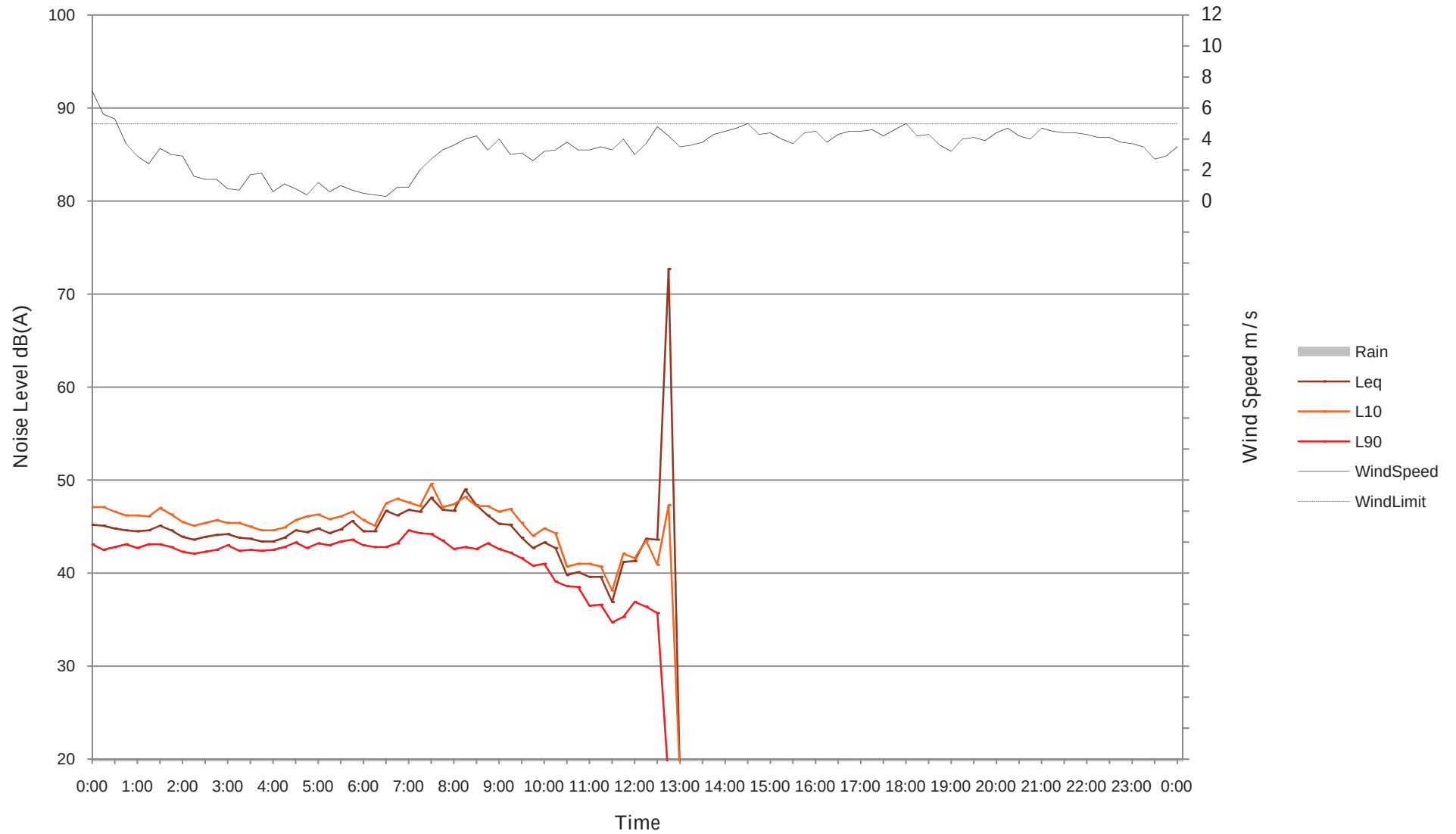


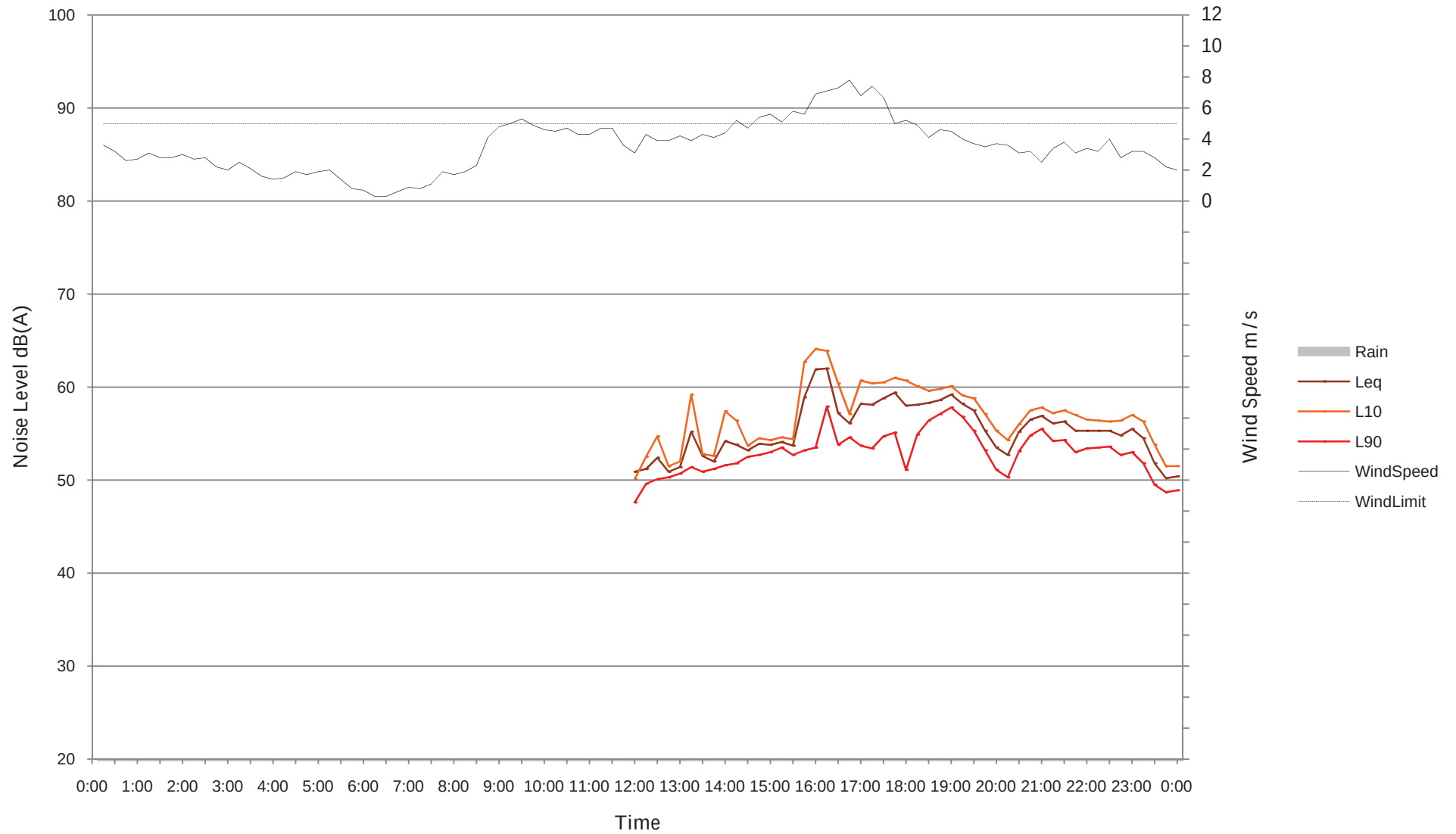
Table B.6 **BG6 background noise monitoring summary**

Date	ABL Day ²	ABL Evening ²	ABL Night ²
Summer 2015			
Thursday, 19-02-15	0	51	49
Friday, 20-02-15	48	52	42
Saturday, 21-02-15	0	0	45
Sunday, 22-02-15	46	51	45
Monday, 23-02-15	46	52	47
Tuesday, 24-02-15	46	45	0
Wednesday, 25-02-15	44	46	39
Thursday, 26-02-15	47	0	36
Friday, 27-02-15	43	55	47
Saturday, 28-02-15	50	56	50
Sunday, 01-03-15	49	50	38
Monday, 02-03-15	0	0	0
Rating Background Level (RBL)¹	46	51	45

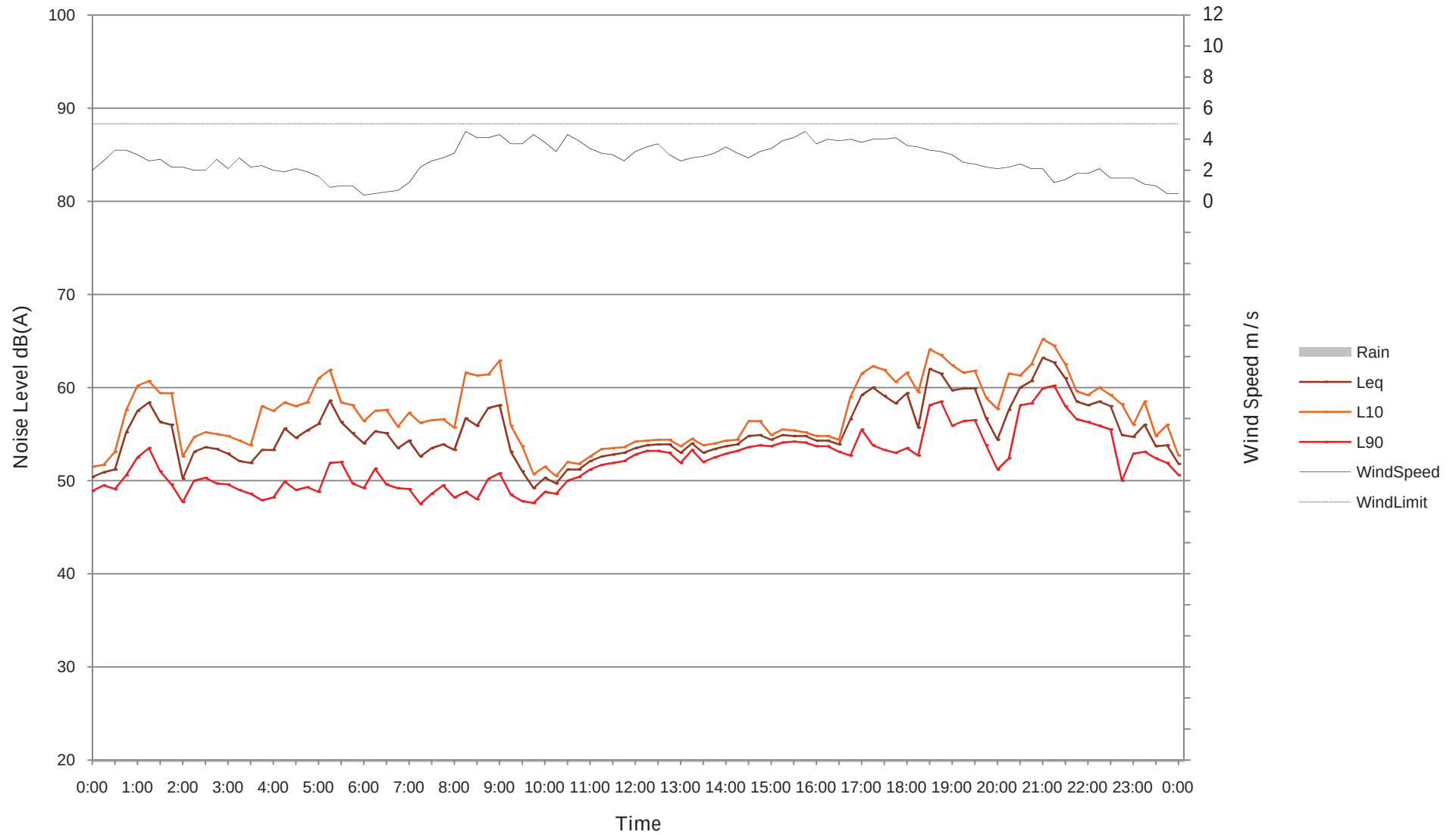
Notes: 1. Adopted RBL shown in grey shading.

 2. A "0" indicates insufficient data samples due to adverse weather or other extraneous effects.

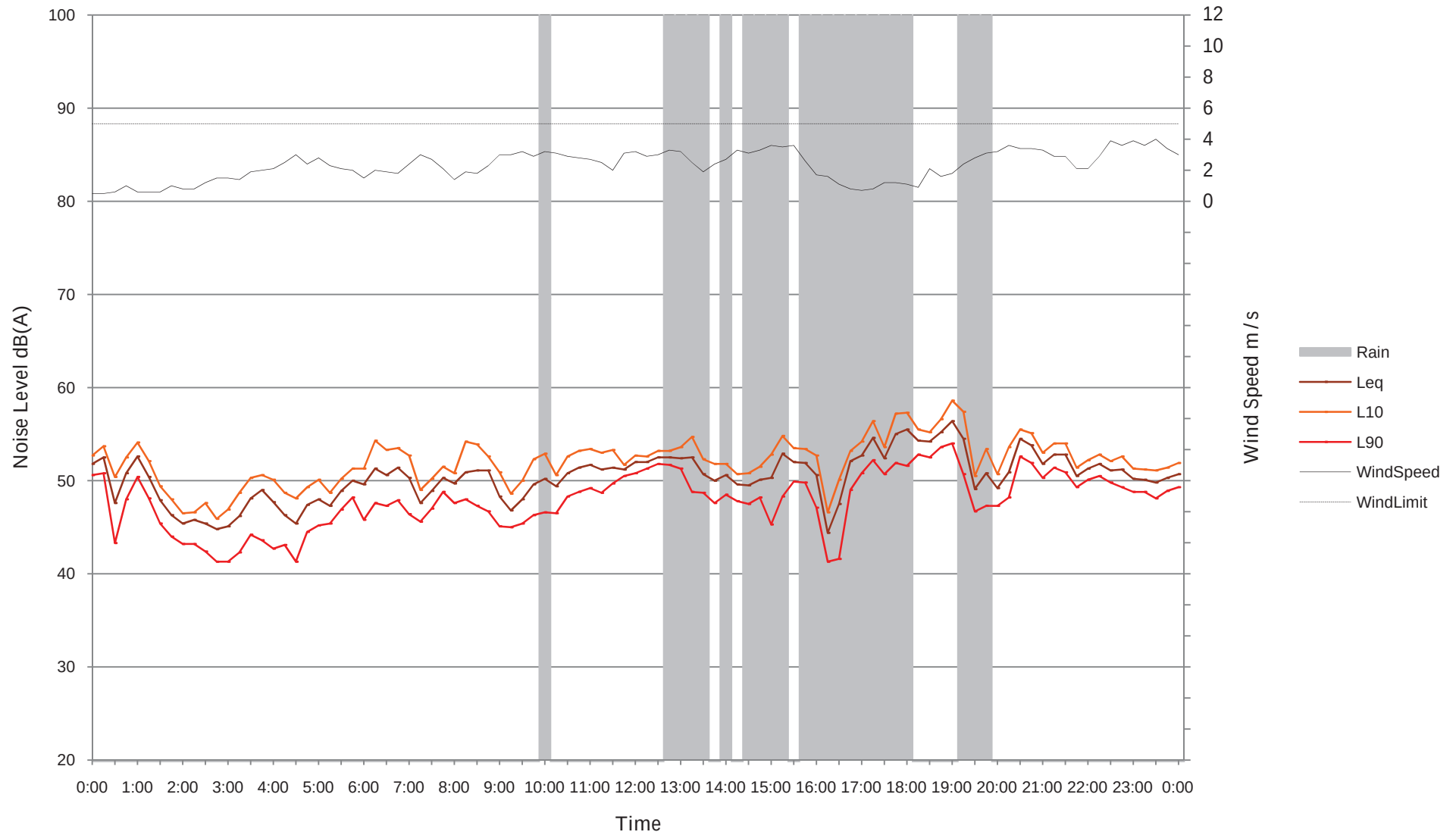
Measured Ambient Noise Levels
BG6 - Summer 2015
Thursday, 19-02-15



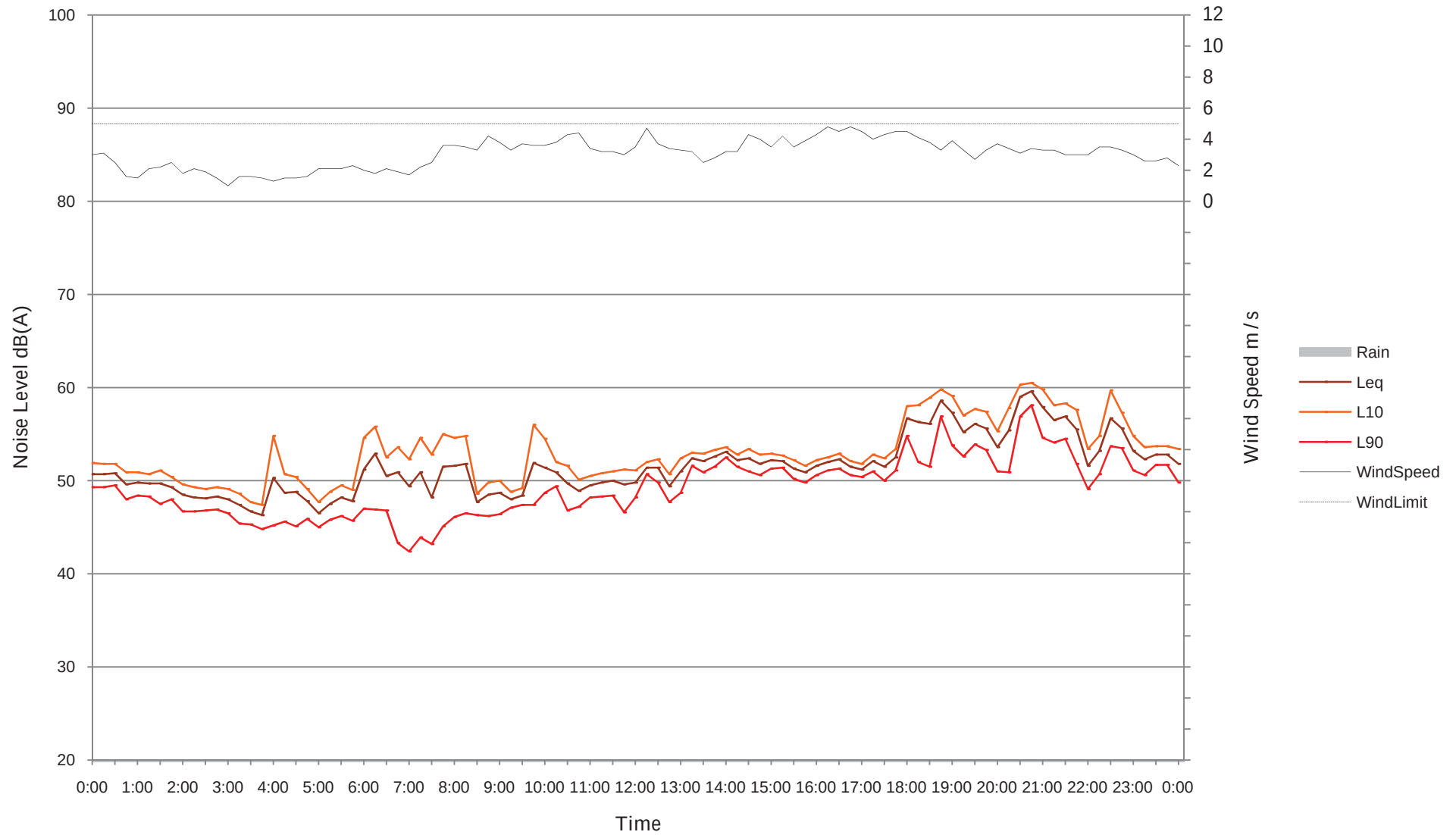
Measured Ambient Noise Levels
BG6 - Summer 2015
Friday, 20-02-15



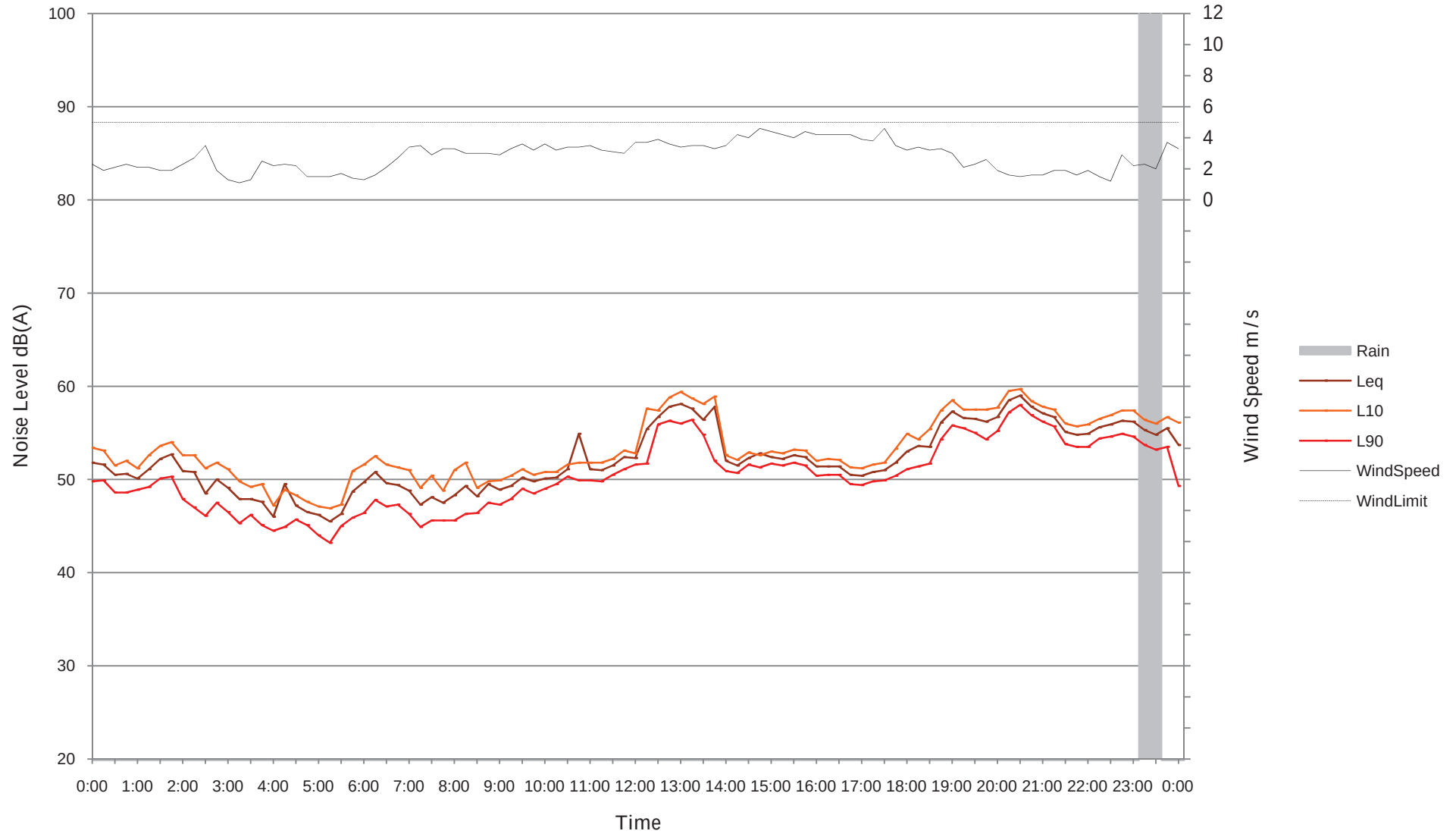
Measured Ambient Noise Levels
BG6 - Summer 2015
Saturday, 21-02-15



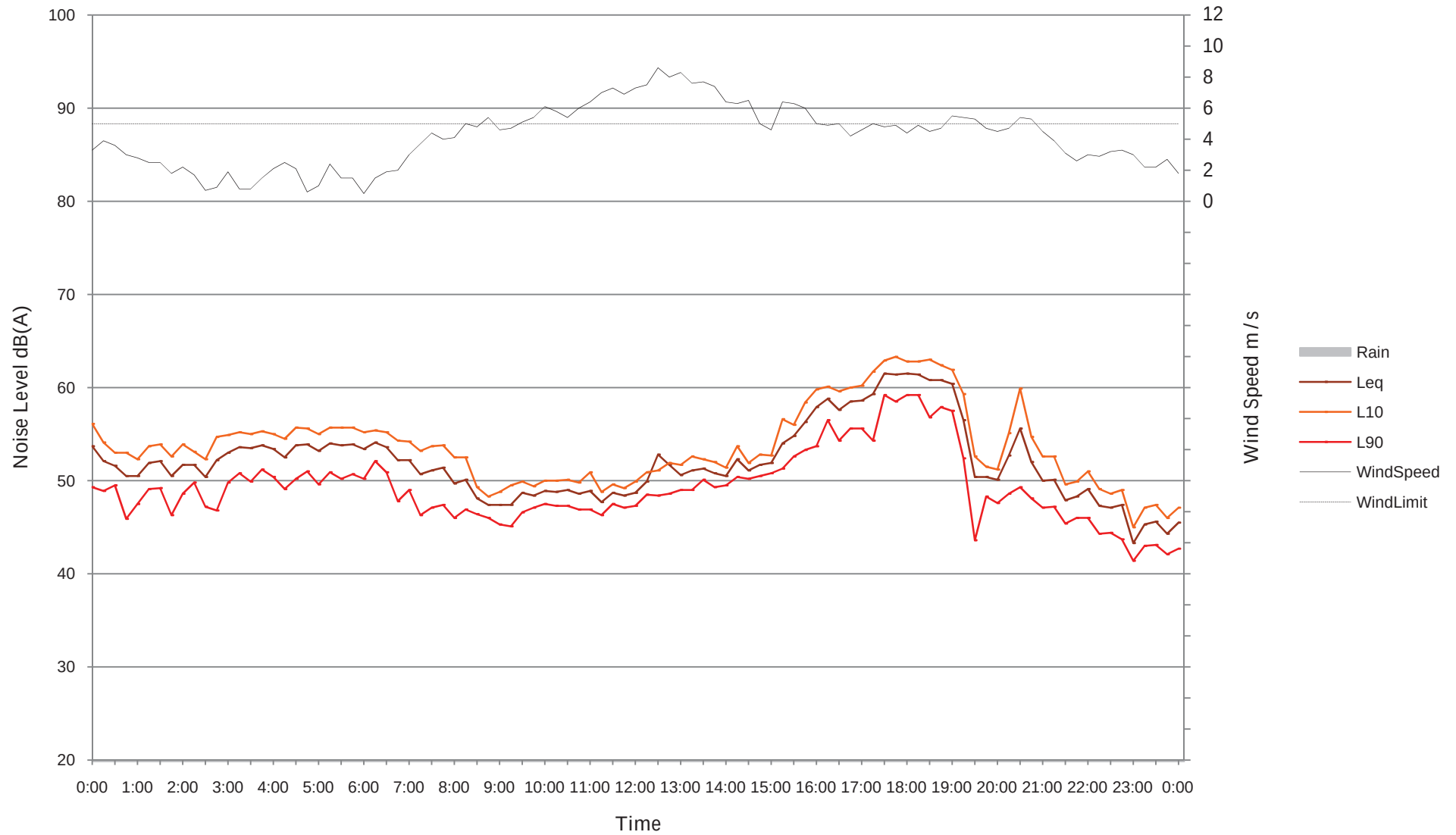
Measured Ambient Noise Levels
BG6 - Summer 2015
Sunday, 22-02-15



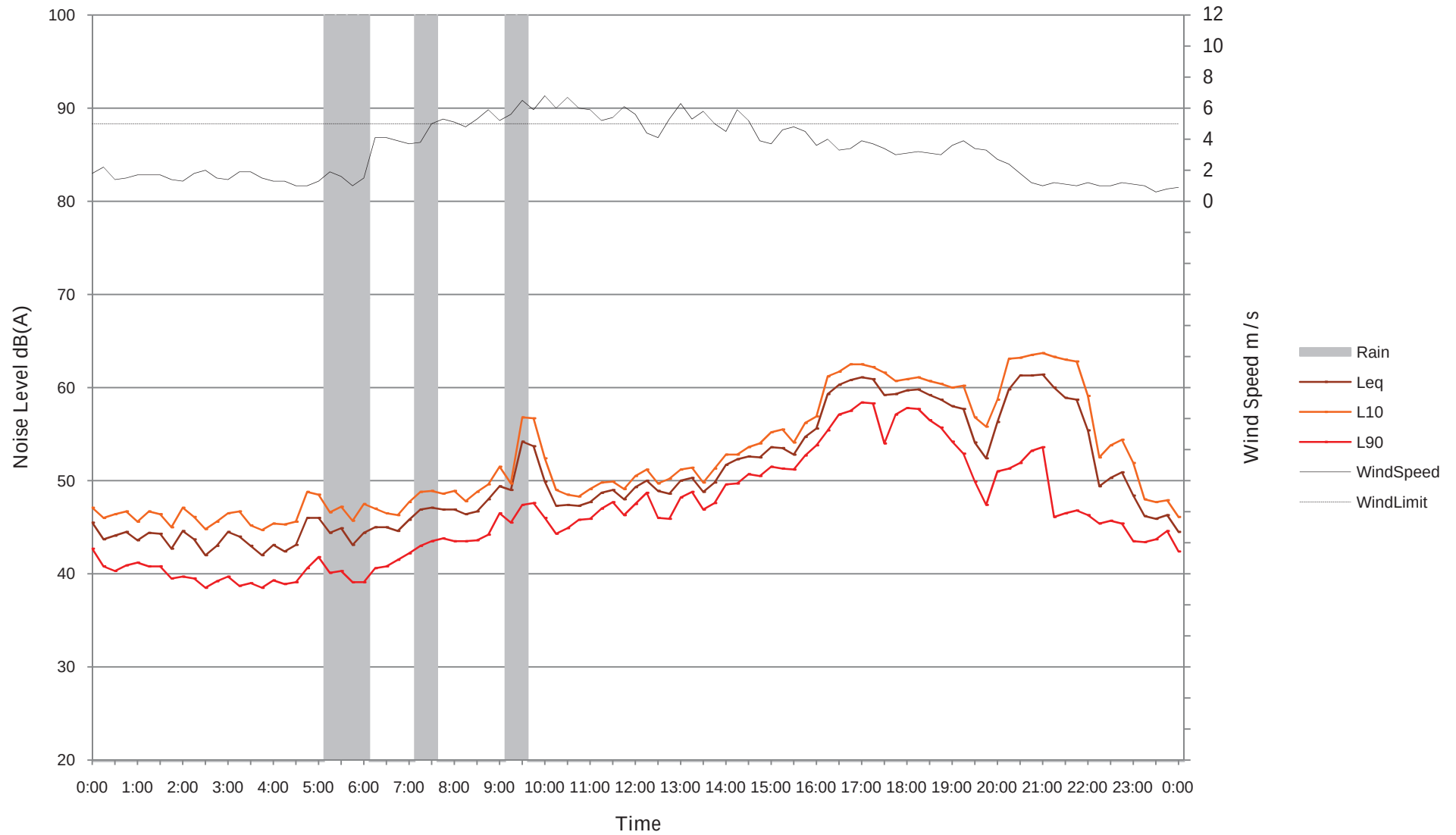
Measured Ambient Noise Levels
BG6 - Summer 2015
Monday, 23-02-15



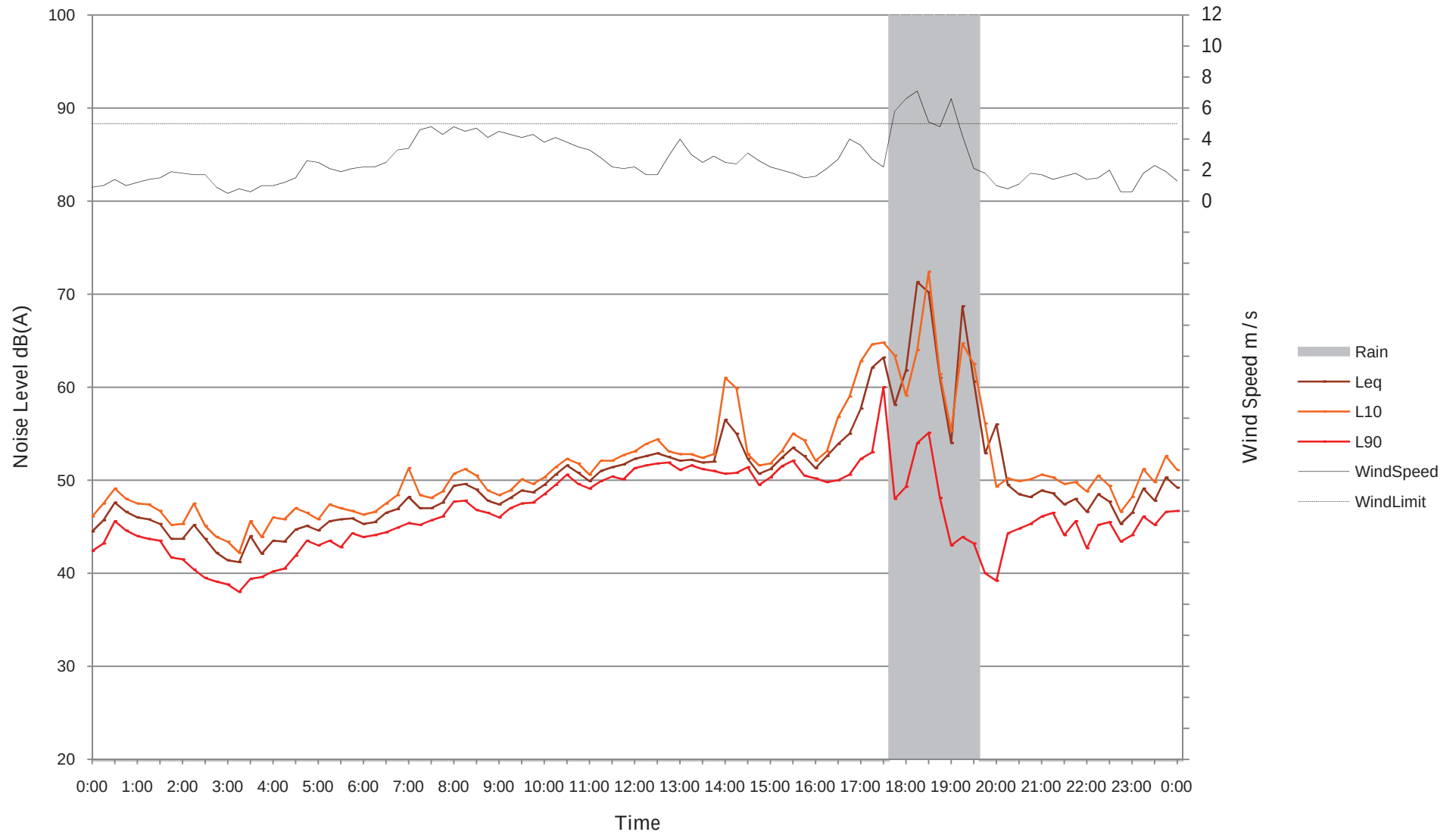
Measured Ambient Noise Levels
BG6 - Summer 2015
Tuesday, 24-02-15



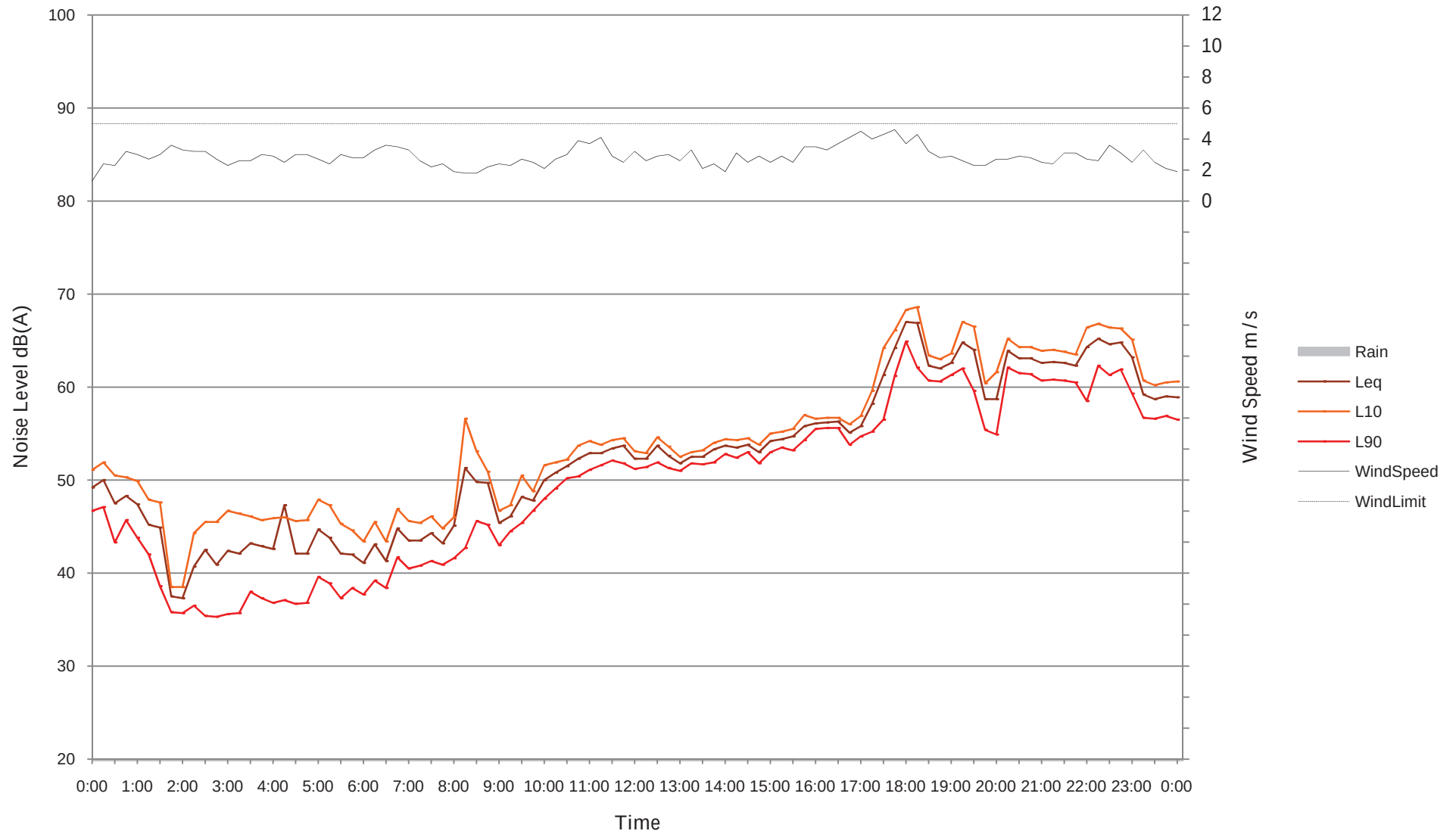
Measured Ambient Noise Levels
BG6 - Summer 2015
Wednesday, 25-02-15



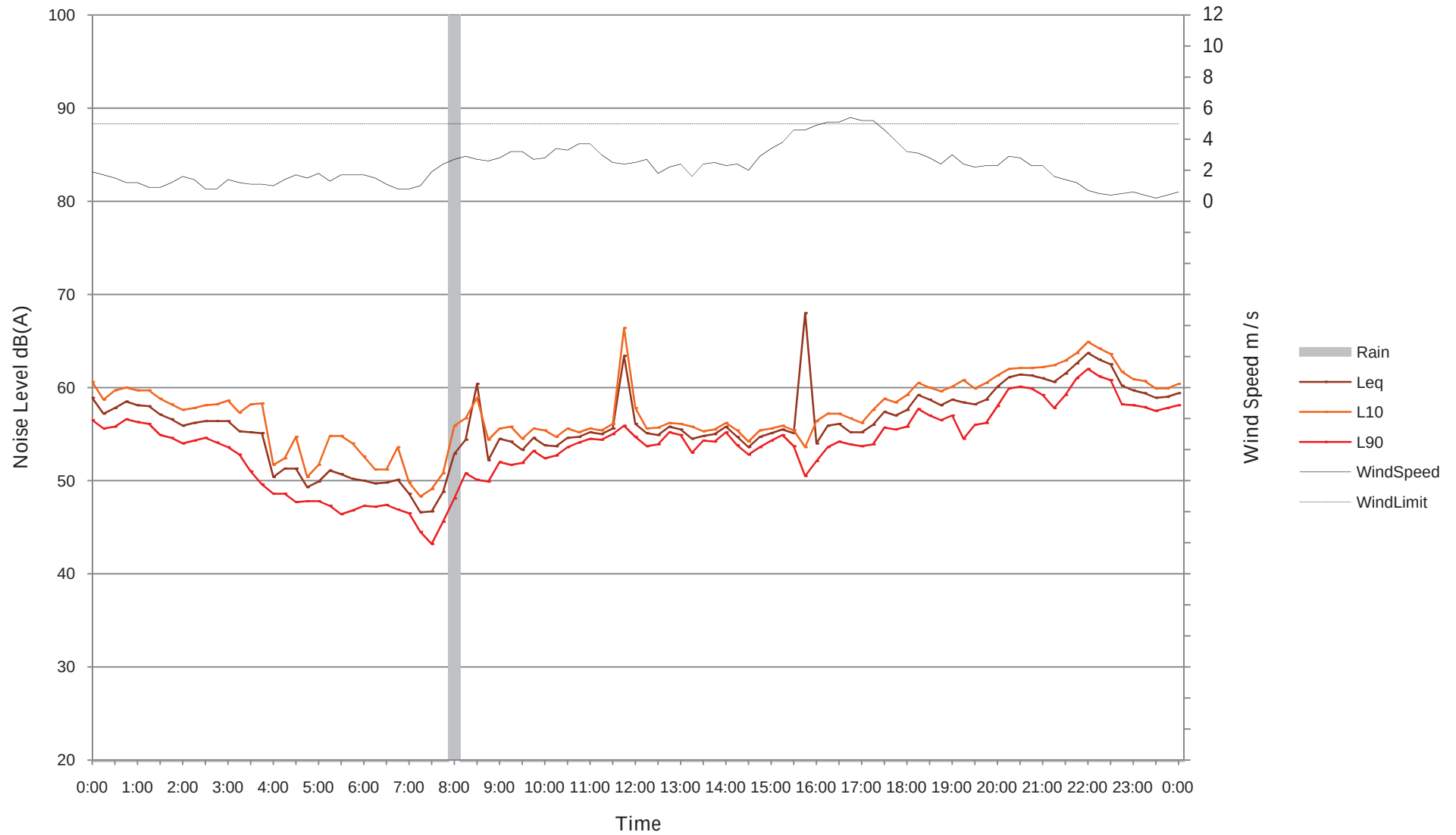
Measured Ambient Noise Levels
BG6 - Summer 2015
Thursday, 26-02-15



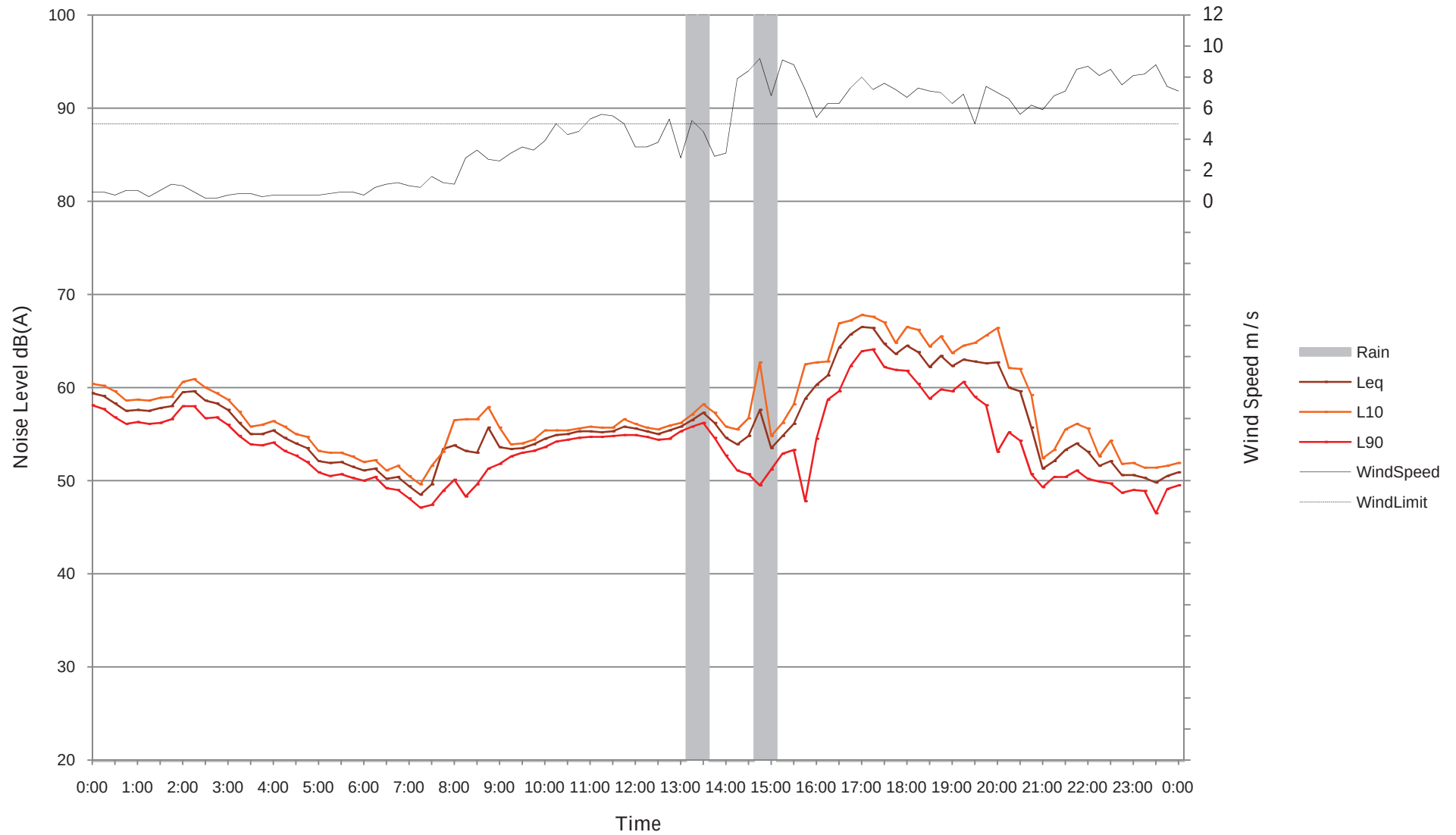
Measured Ambient Noise Levels
BG6 - Summer 2015
Friday, 27-02-15



Measured Ambient Noise Levels
BG6 - Summer 2015
Saturday, 28-02-15



Measured Ambient Noise Levels
BG6 - Summer 2015
Sunday, 01-03-15



Measured Ambient Noise Levels
BG6 - Summer 2015
Monday, 02-03-15

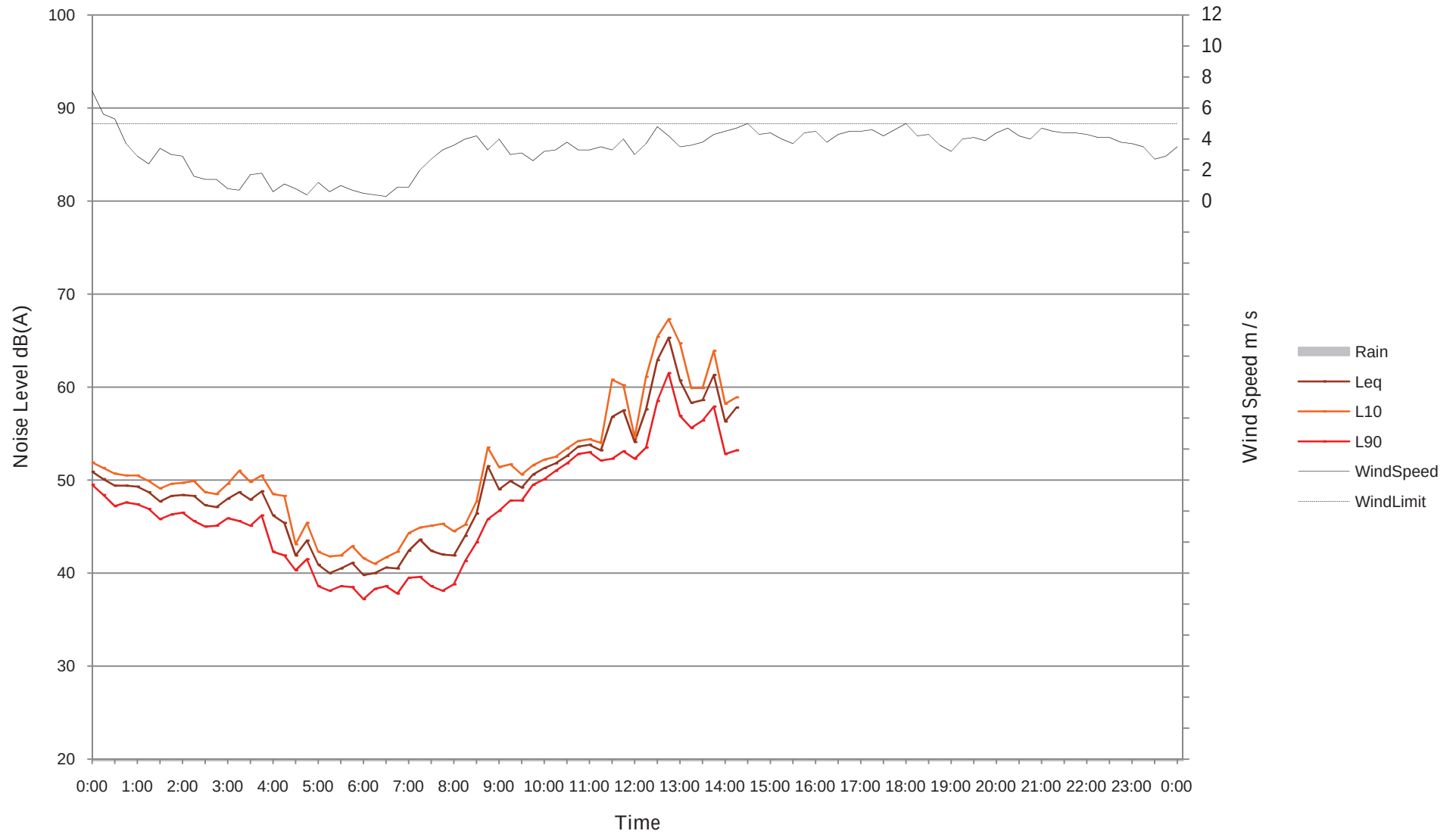


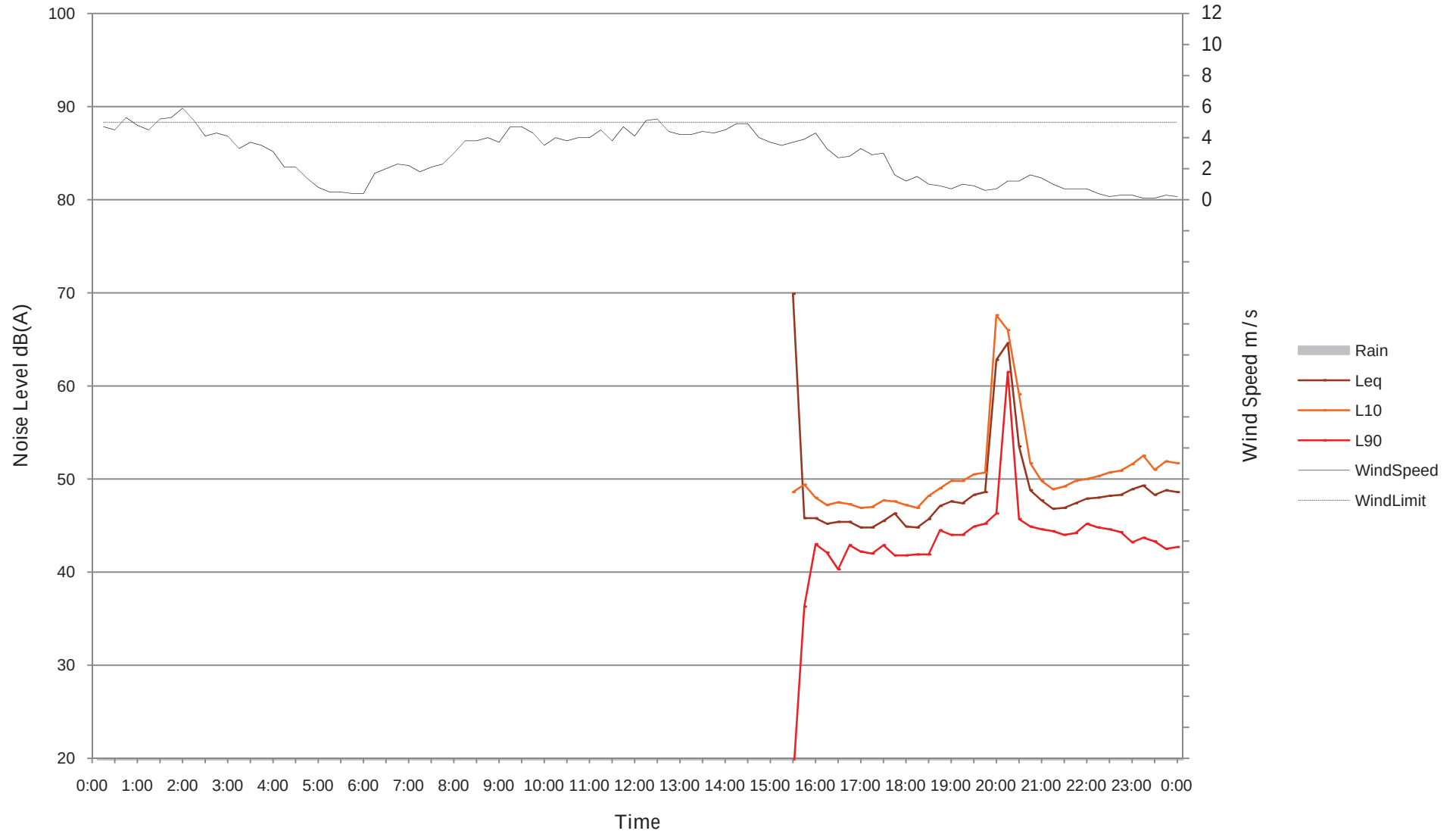
Table B.7 **BG7 background noise monitoring summary**

Date	ABL Day ²	ABL Evening ²	ABL Night ²
Spring 2014			
Thursday, 20-11-14	0	42	42
Friday, 21-11-14	42	38	36
Saturday, 22-11-14	35	39	39
Sunday, 23-11-14	34	36	0
Monday, 24-11-14	0	36	0
Tuesday, 25-11-14	37	40	38
Wednesday, 26-11-14	35	37	35
Thursday, 27-11-14	33	35	34
Friday, 28-11-14	36	42	38
Saturday, 29-11-14	31	40	38
Sunday, 30-11-14	0	0	39
Monday, 01-12-14	0	0	0
Rating Background Level (RBL)¹	35	39	38

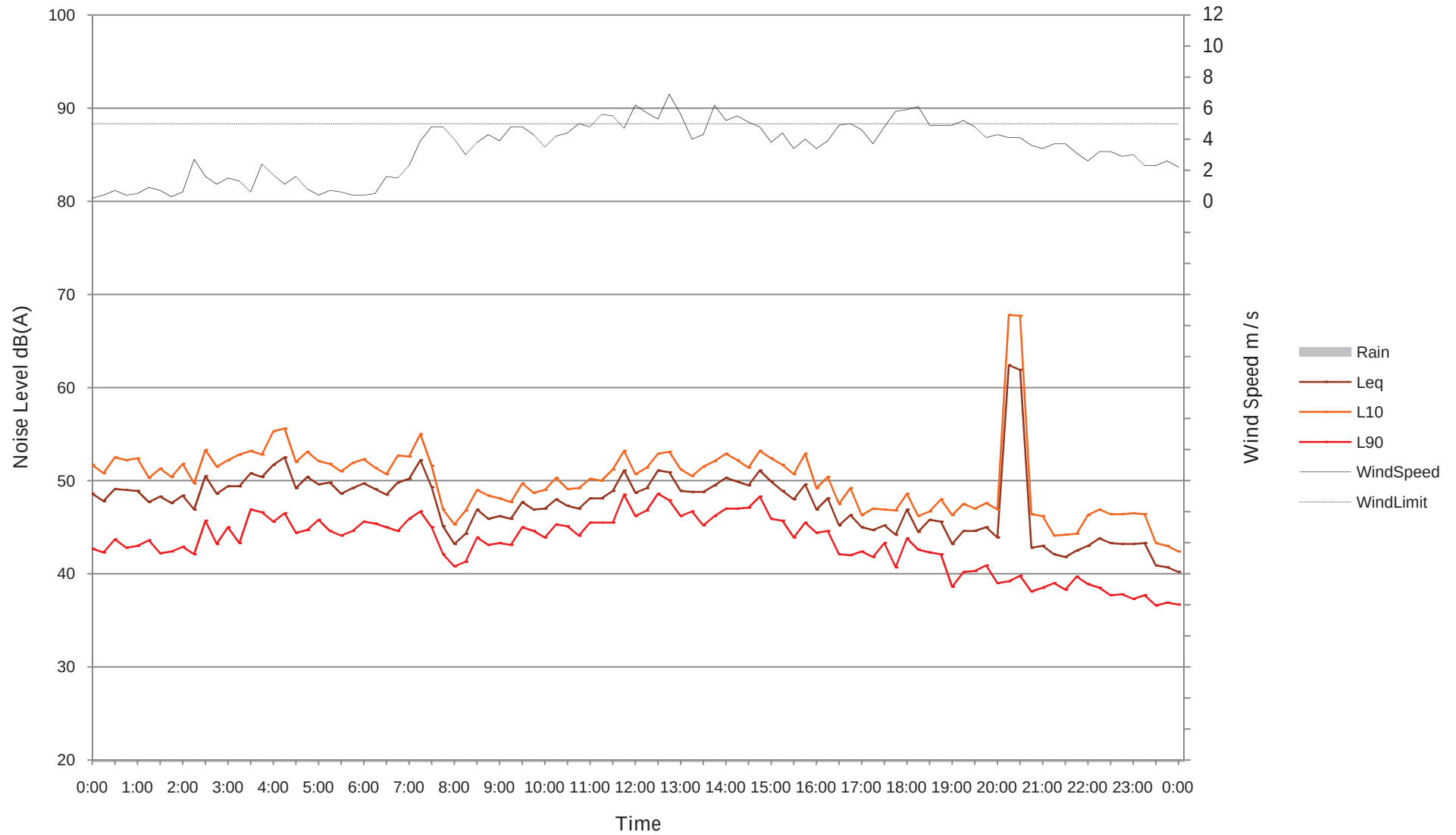
Notes: 1. Adopted RBL shown in grey shading.

 2. A "0" indicates insufficient data samples due to adverse weather or other extraneous effects.

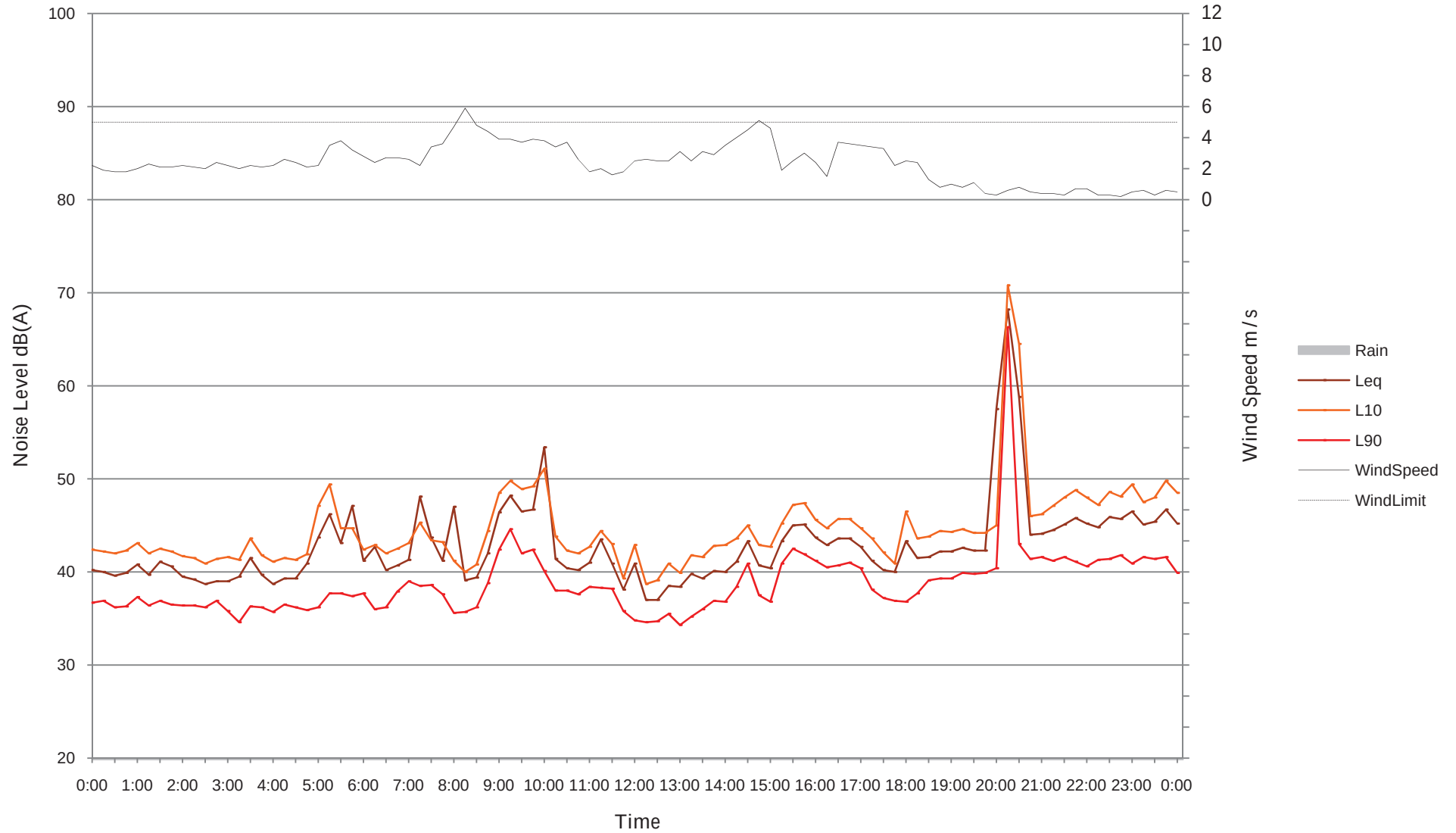
Measured Ambient Noise Levels
BG7 - Spring 2014
Thursday, 20-11-14



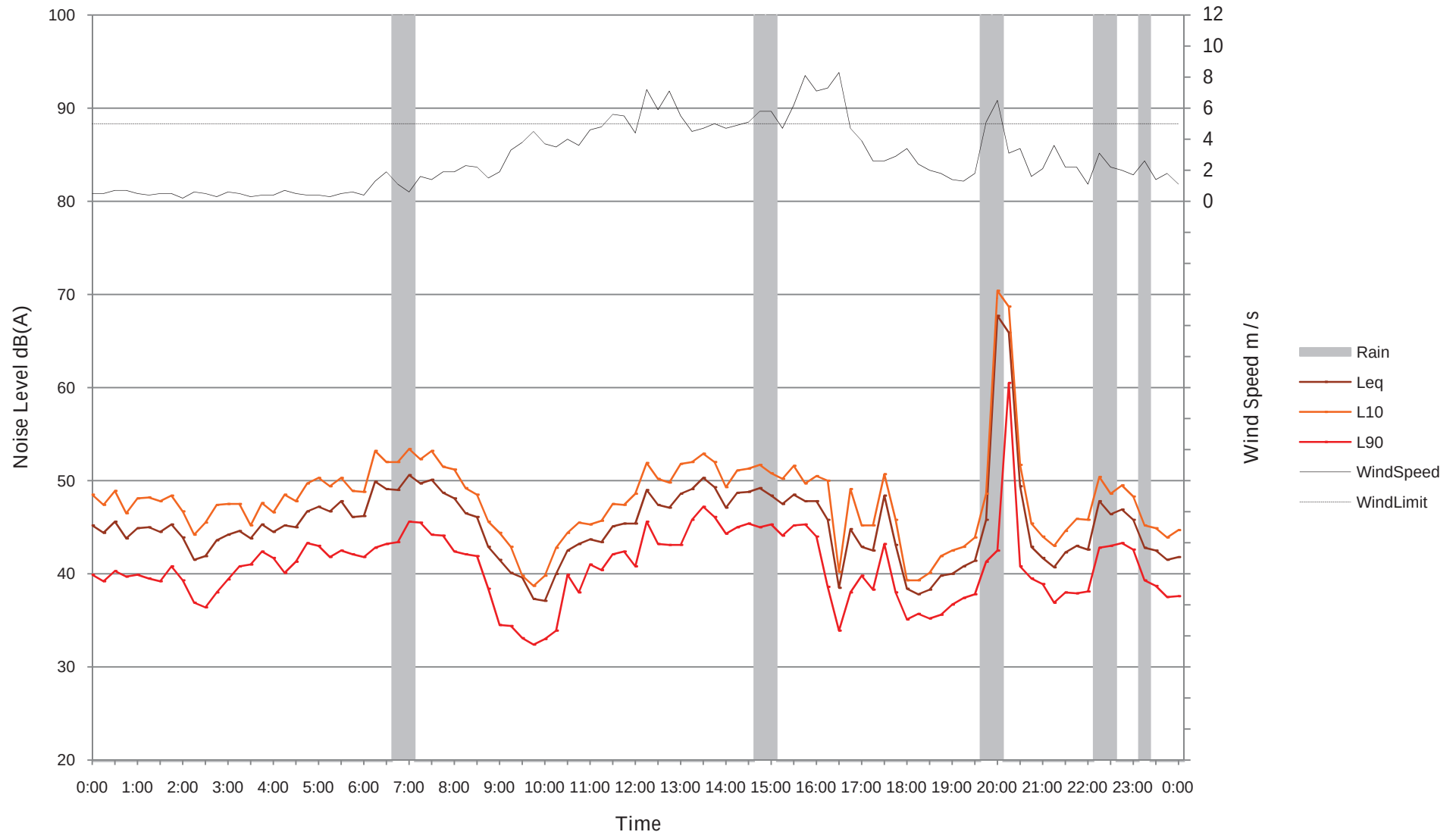
Measured Ambient Noise Levels
BG7 - Spring 2014
Friday, 21-11-14



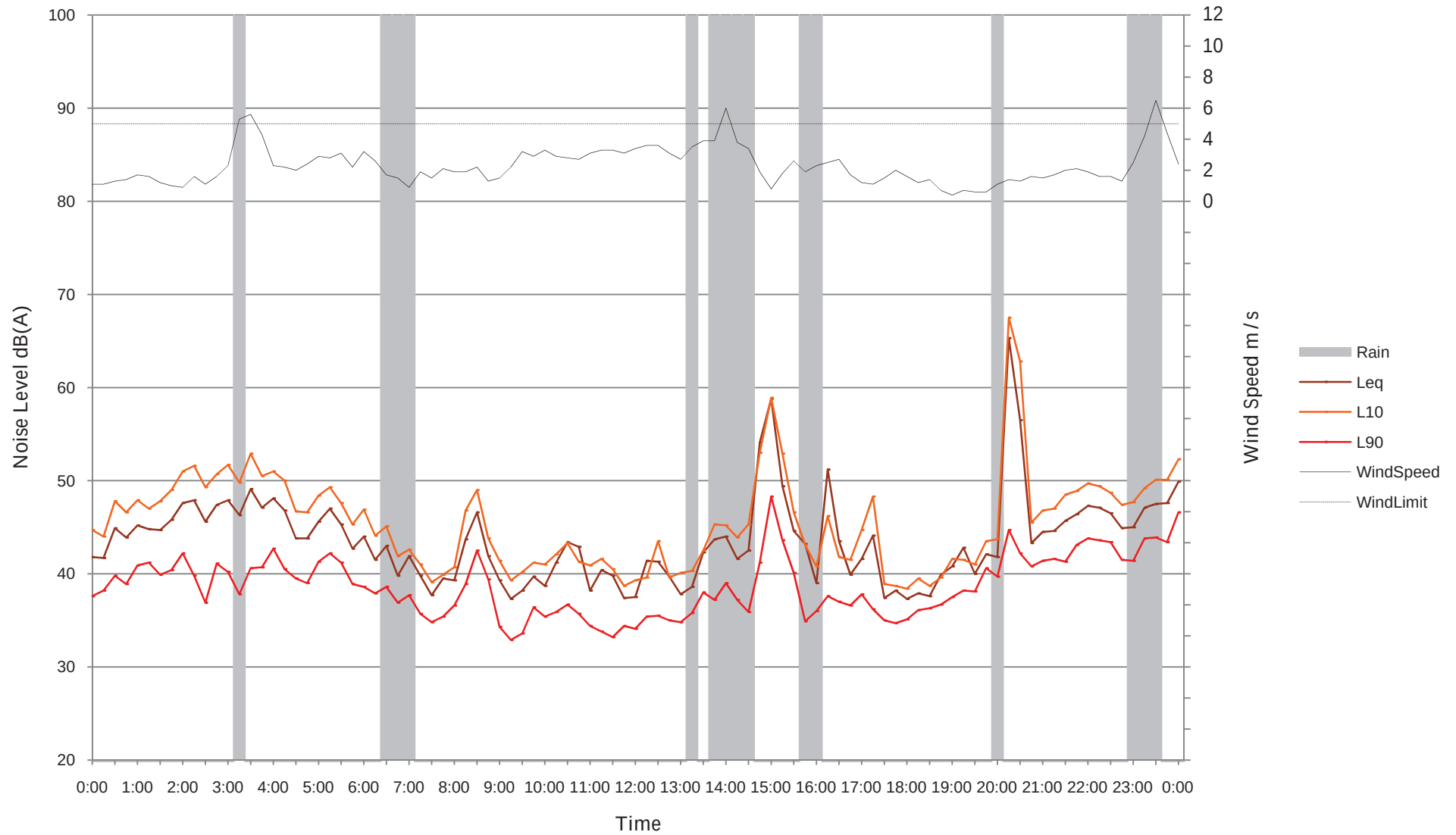
Measured Ambient Noise Levels
BG7 - Spring 2014
Saturday, 22-11-14



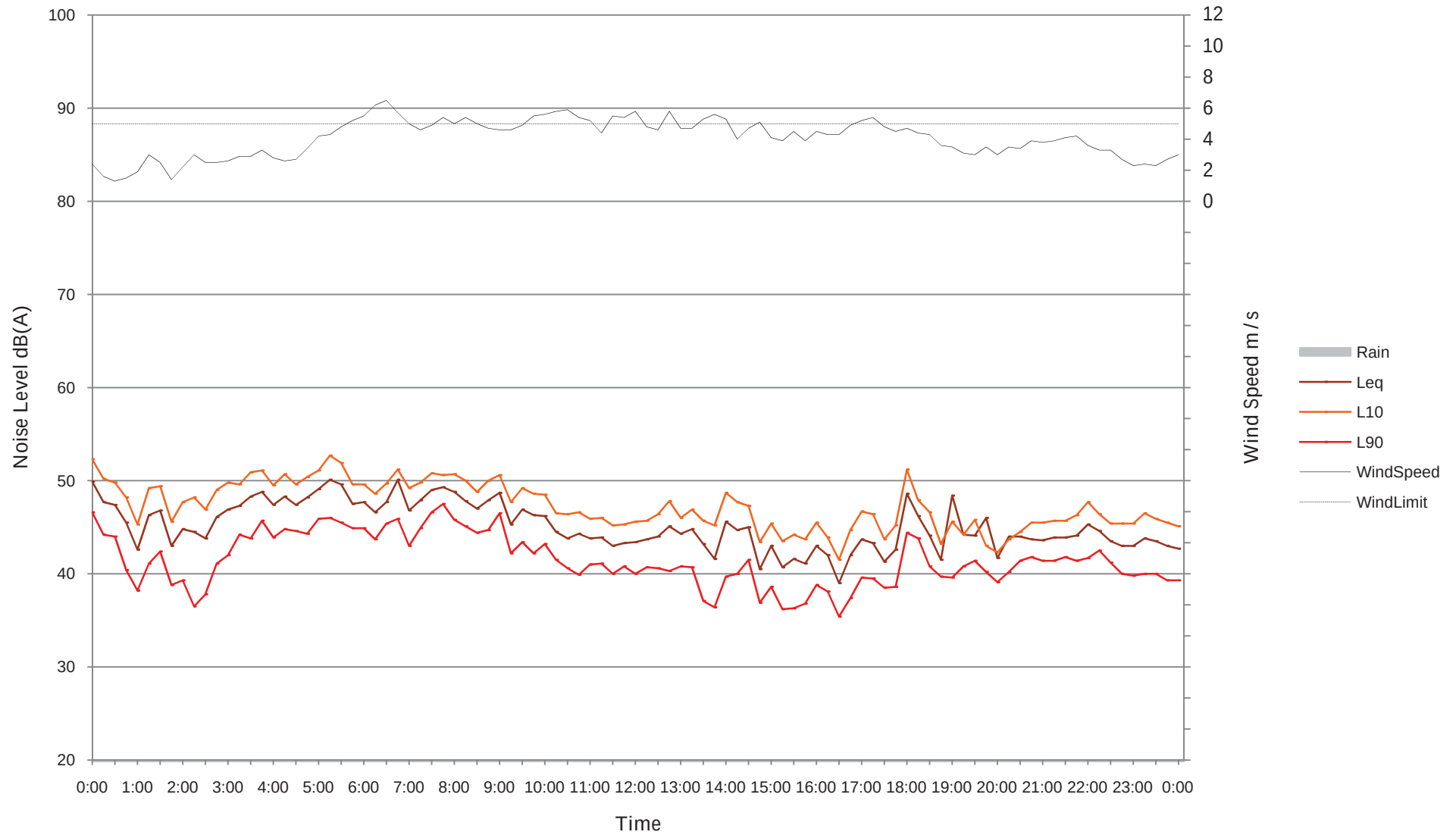
Measured Ambient Noise Levels
BG7 - Spring 2014
Sunday, 23-11-14



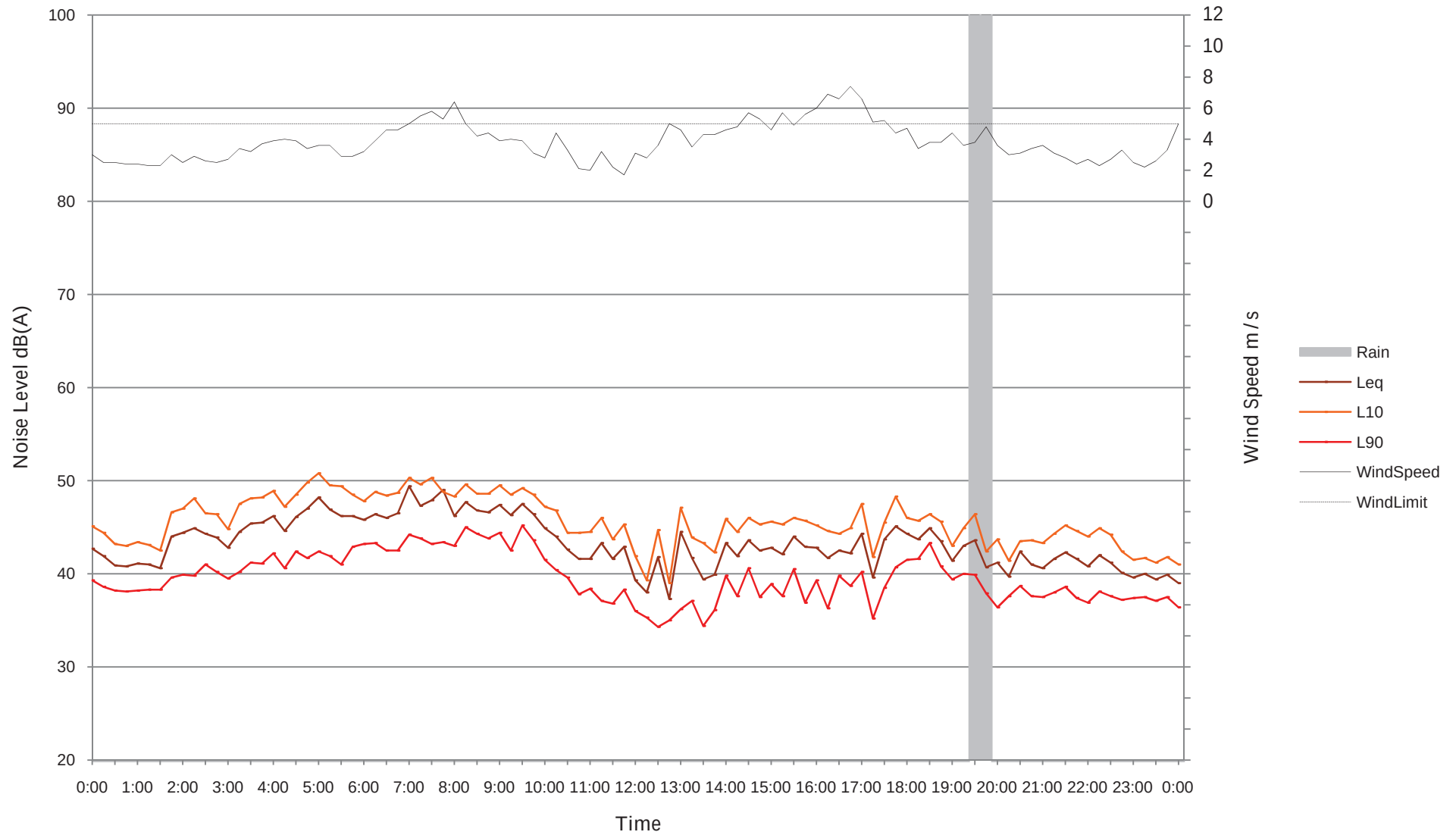
Measured Ambient Noise Levels
BG7 - Spring 2014
Monday, 24-11-14



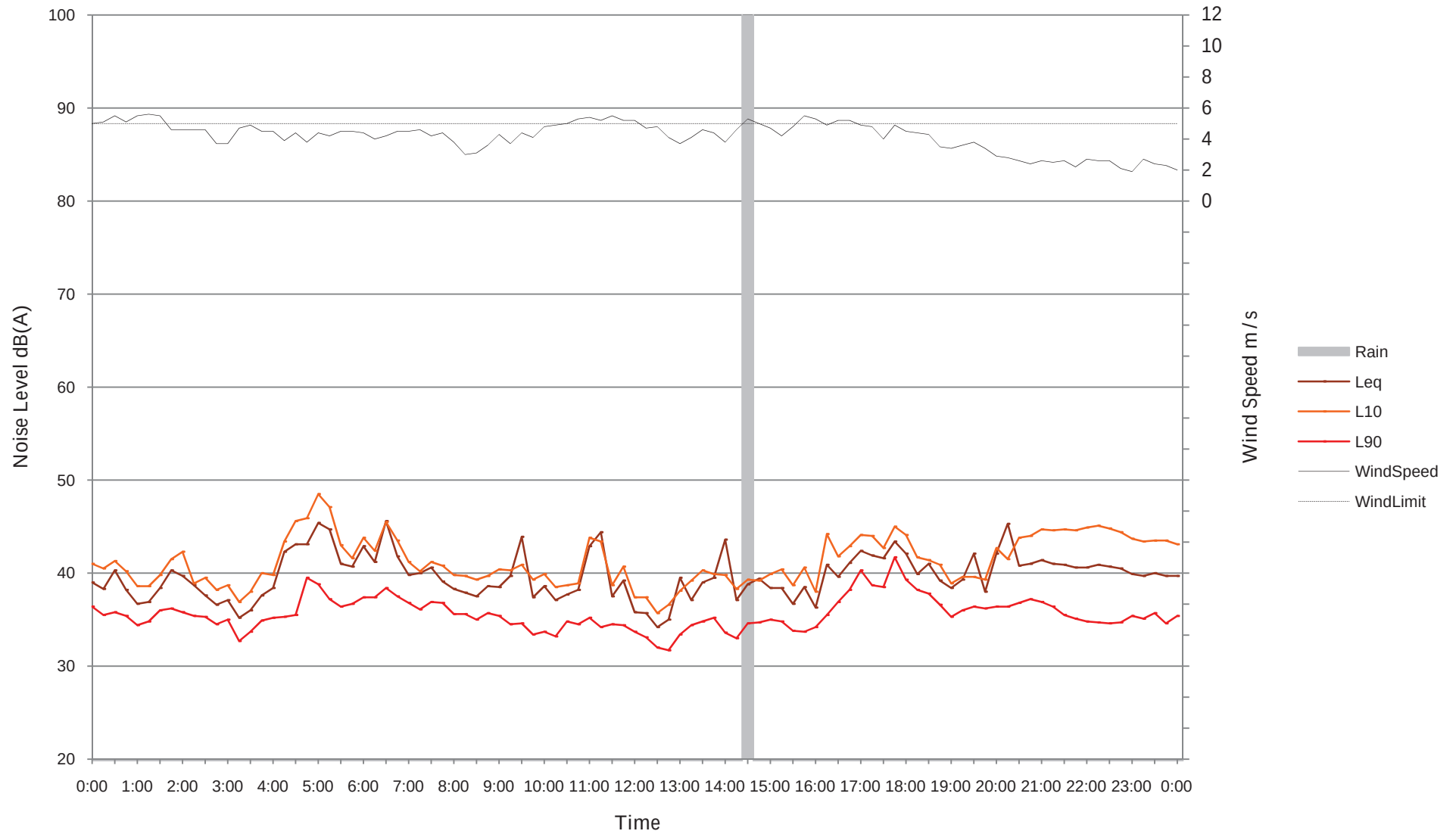
Measured Ambient Noise Levels
BG7 - Spring 2014
Tuesday, 25-11-14



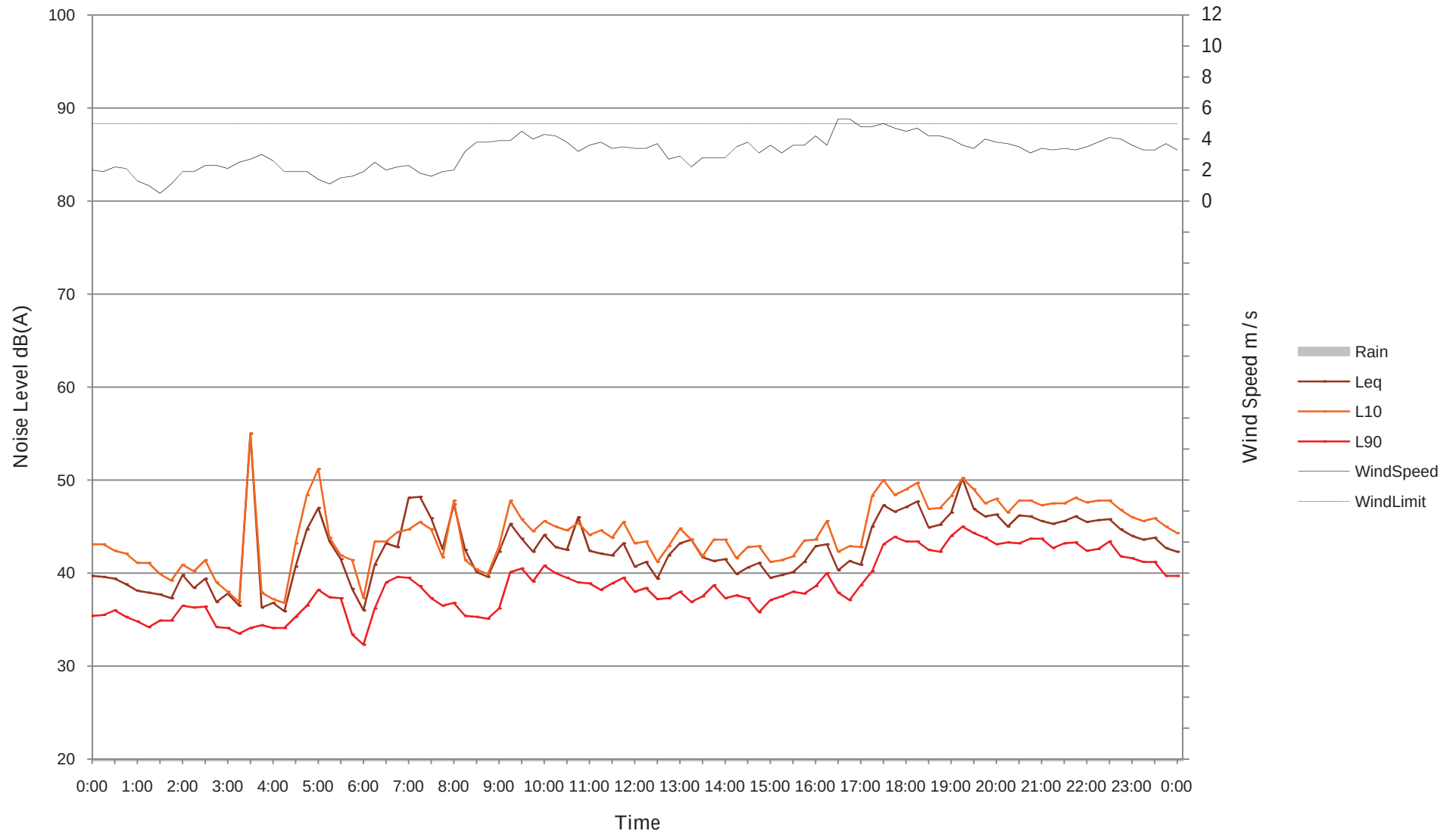
Measured Ambient Noise Levels
BG7 - Spring 2014
Wednesday, 26-11-14



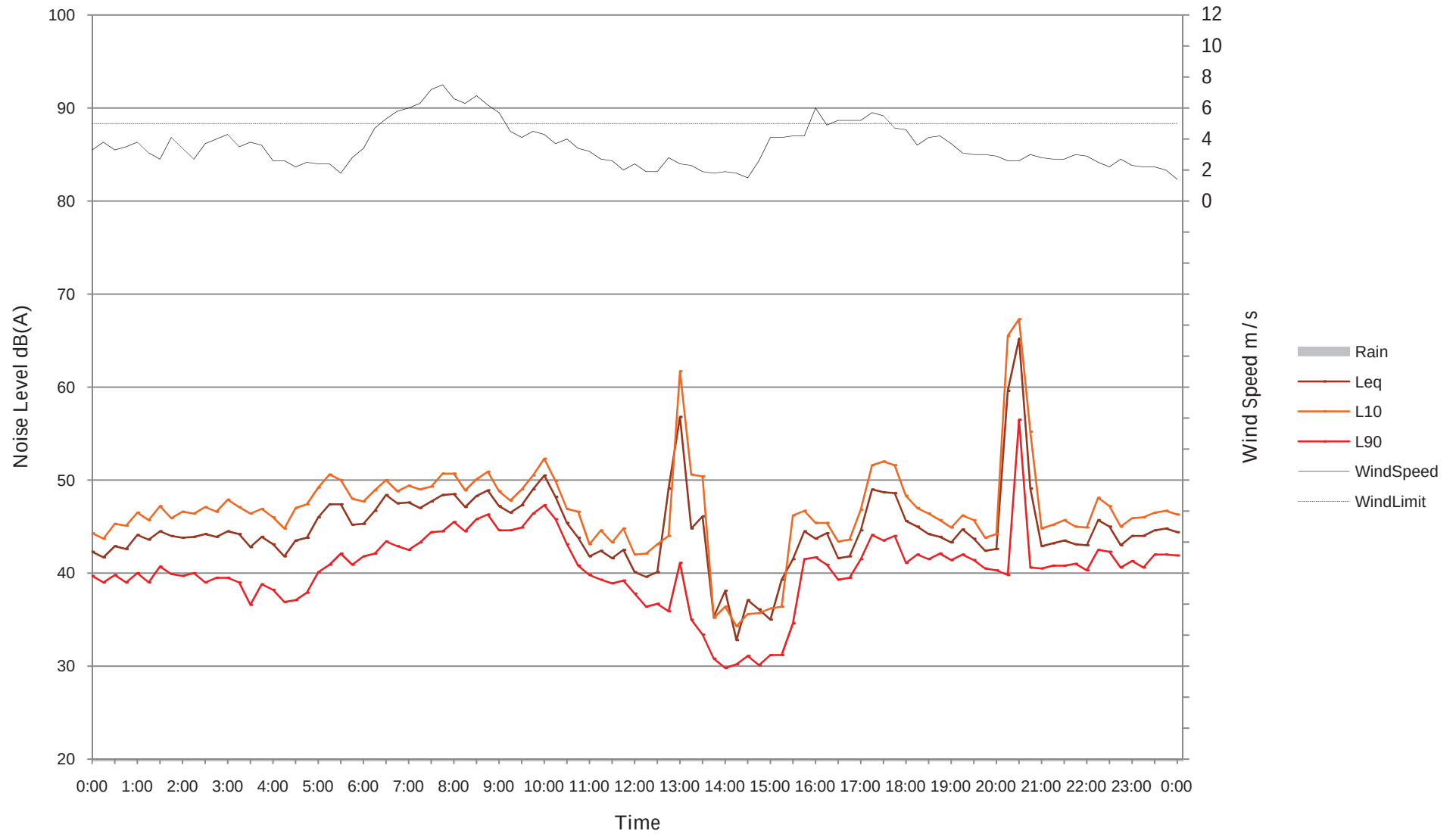
Measured Ambient Noise Levels
BG7 - Spring 2014
Thursday, 27-11-14



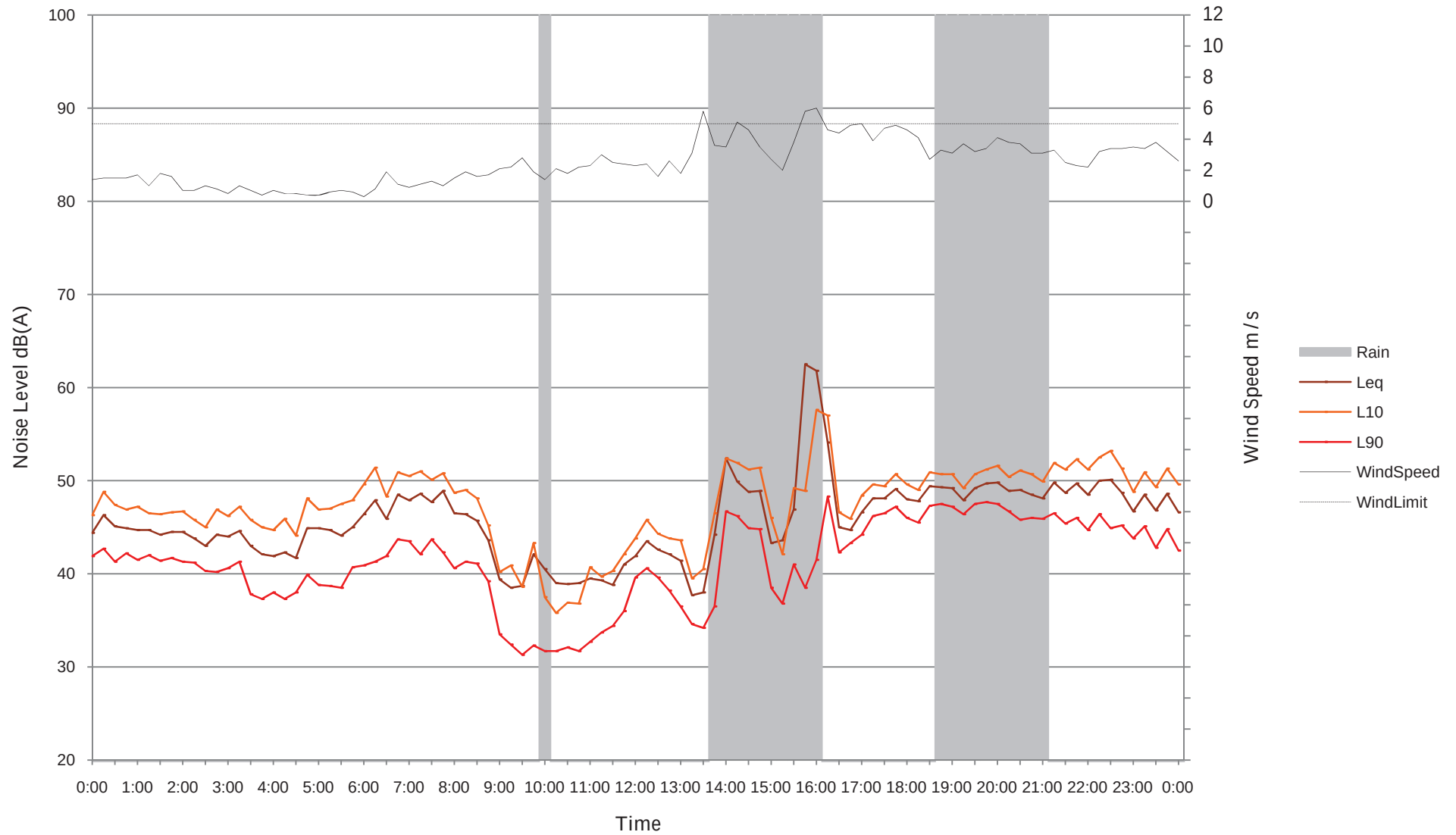
Measured Ambient Noise Levels
BG7 - Spring 2014
Friday, 28-11-14



Measured Ambient Noise Levels
BG7 - Spring 2014
Saturday, 29-11-14



Measured Ambient Noise Levels
BG7 - Spring 2014
Sunday, 30-11-14



Measured Ambient Noise Levels
BG7 - Spring 2014
Monday, 01-12-14

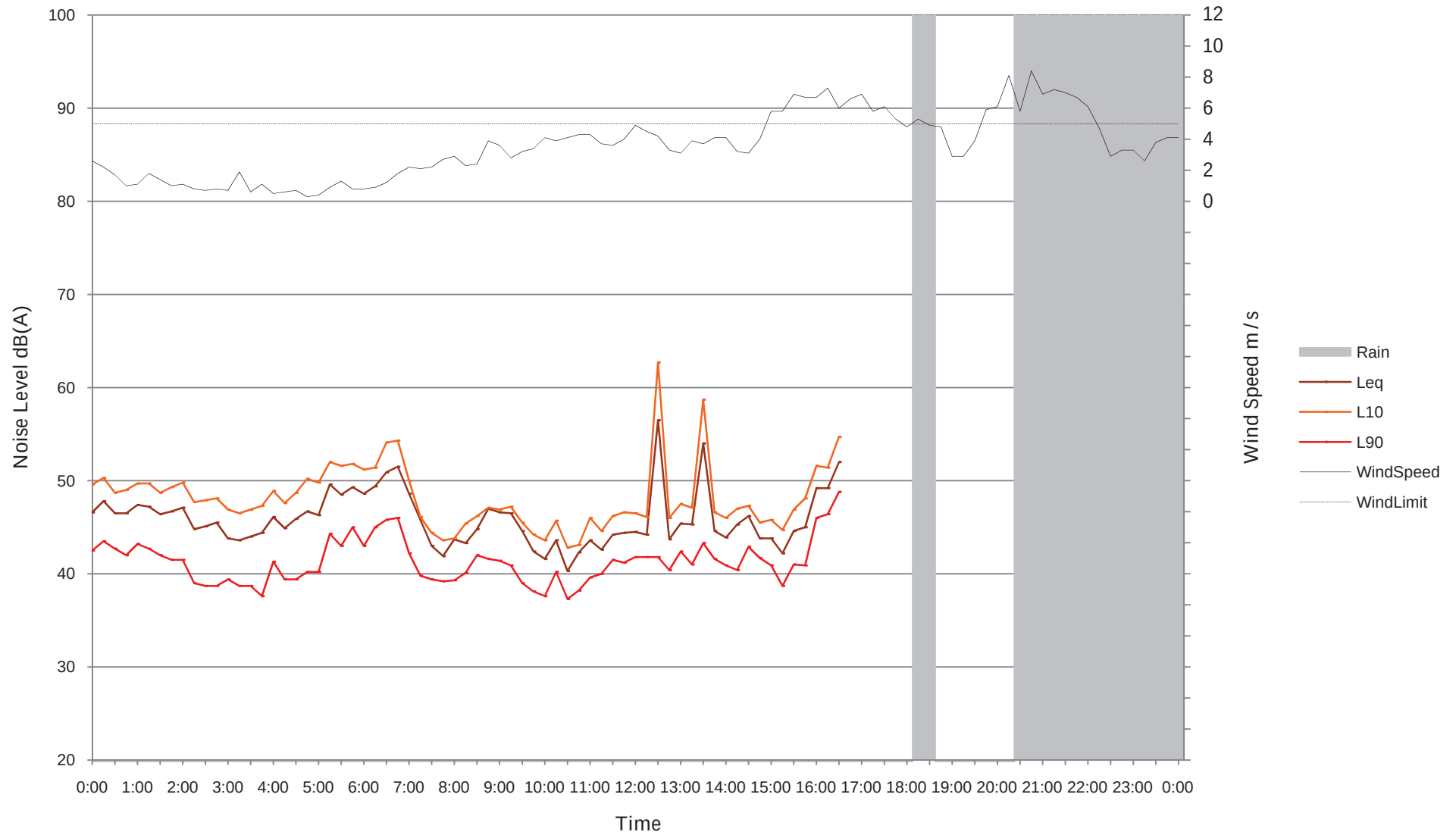


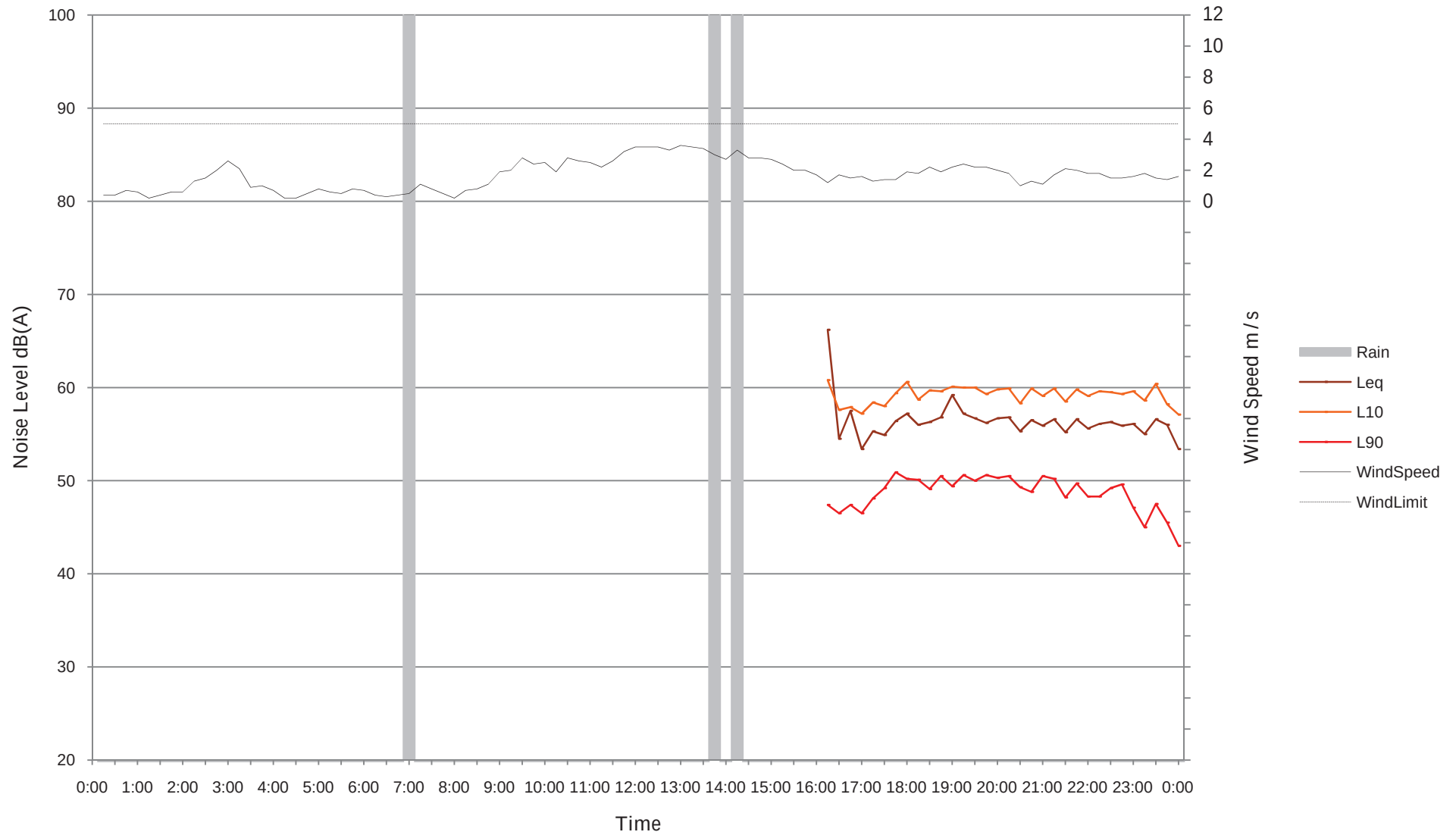
Table B.8 BG8 background noise monitoring summary

Date	ABL Day ²	ABL Evening ²	ABL Night ²
Spring 2014			
Thursday, 20-11-14	0	47	45
Friday, 21-11-14	45	49	45
Saturday, 22-11-14	48	46	42
Sunday, 23-11-14	44	47	0
Monday, 24-11-14	0	46	0
Tuesday, 25-11-14	45	46	44
Wednesday, 26-11-14	45	46	42
Thursday, 27-11-14	47	46	45
Friday, 28-11-14	48	46	43
Saturday, 29-11-14	45	44	41
Sunday, 30-11-14	0	0	44
Monday, 01-12-14	0	0	0
Rating Background Level (RBL)¹	45	46	44
Autumn 2015			
Thursday, 28-05-15	0	48	40
Friday, 29-05-15	47	51	36
Saturday, 30-05-15	46	39	30
Sunday, 31-05-15	43	45	0
Monday, 01-06-15	0	45	38
Tuesday, 02-06-15	47	50	46
Wednesday, 03-06-15	44	51	46
Thursday, 04-06-15	43	51	0
Friday, 05-06-15	49	46	44
Saturday, 06-06-15	46	46	34
Sunday, 07-06-15	45	43	37
Monday, 08-06-15	43	47	45
Tuesday, 09-06-15	0	0	0
Rating Background Level (RBL)¹	45	47	39

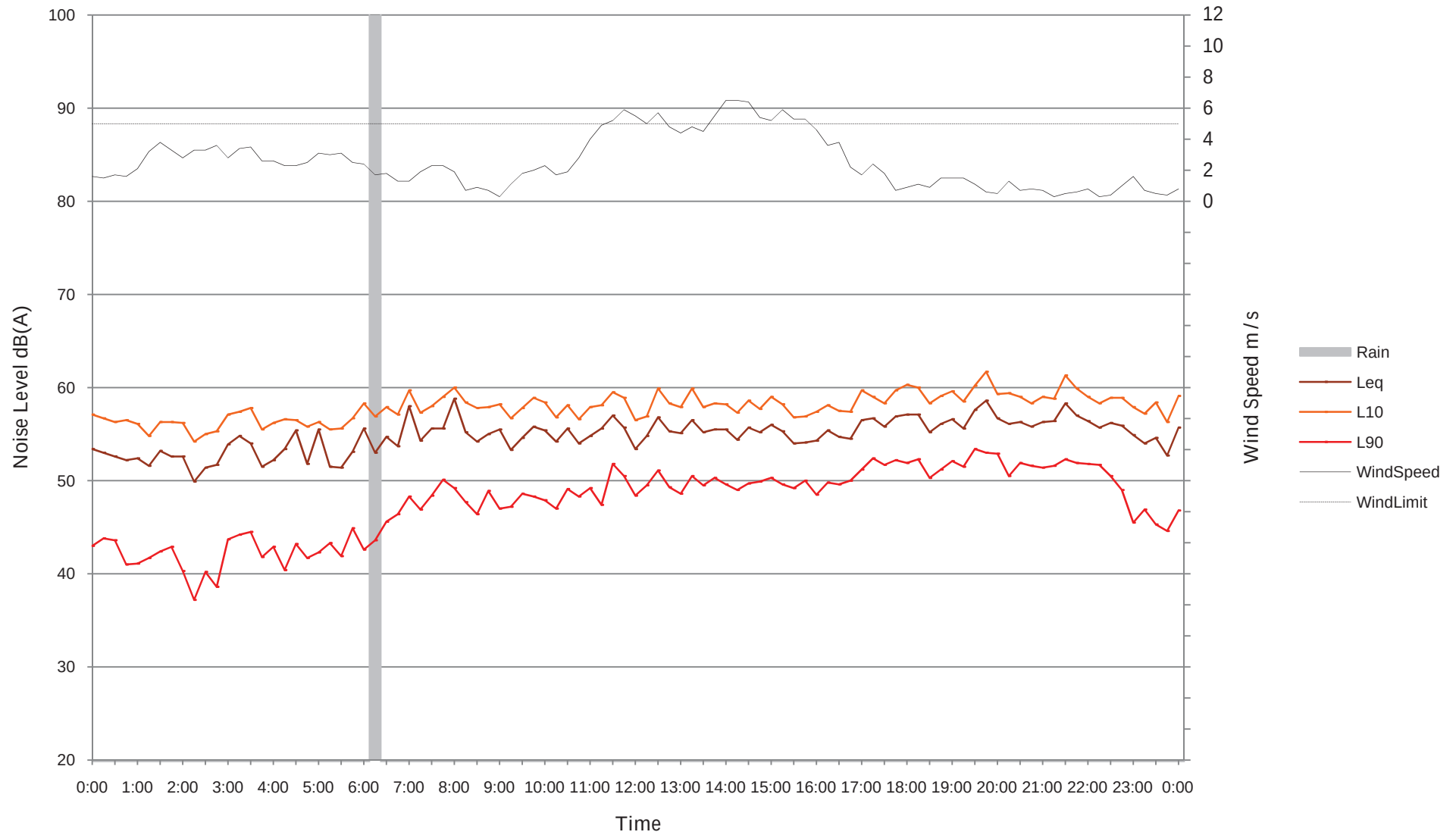
Notes: 1. Adopted RBL shown in grey shading.

2. A "0" indicates insufficient data samples due to adverse weather or other extraneous effects.

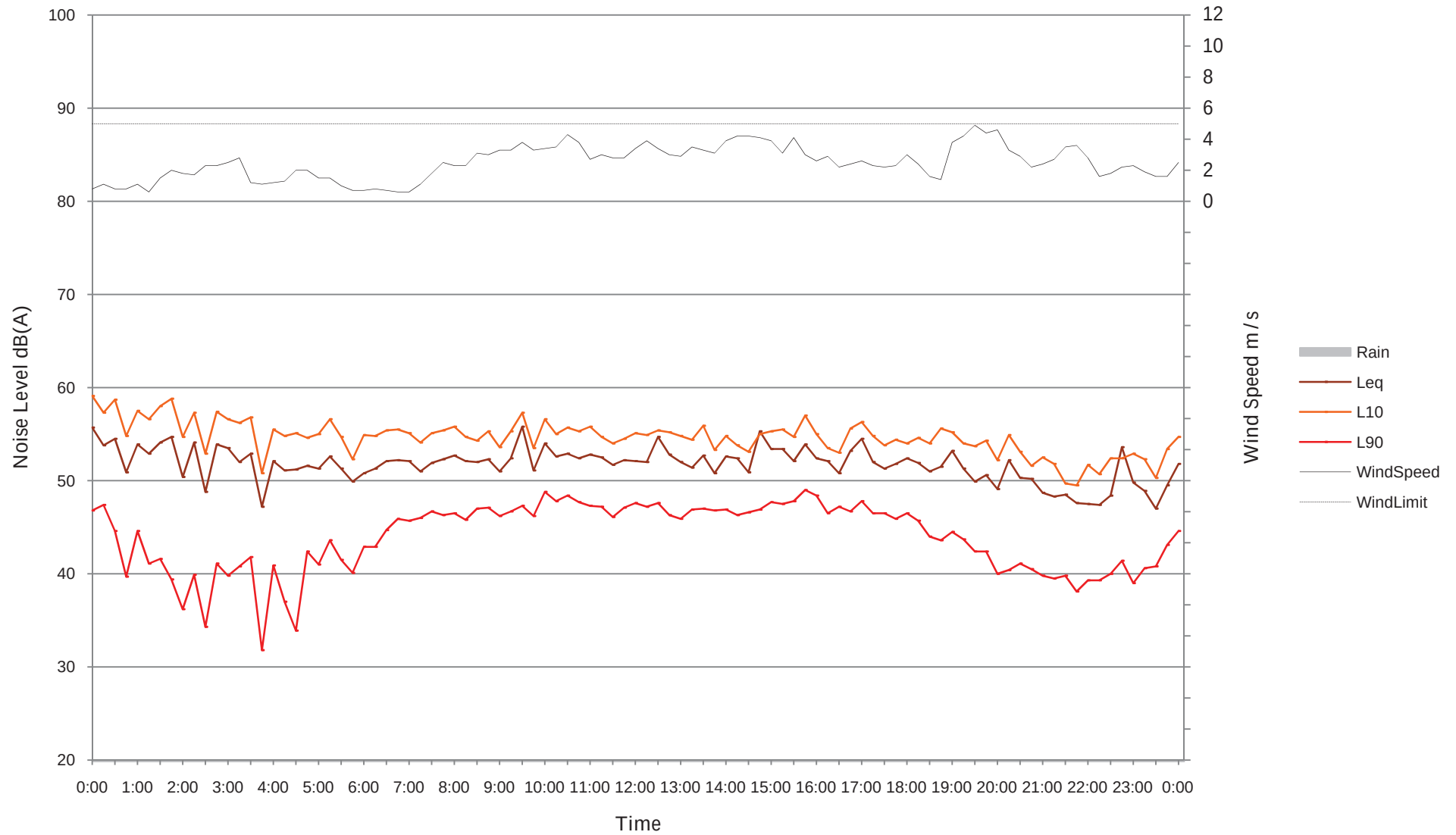
Measured Ambient Noise Levels
BG8 - Autumn 2015
Thursday, 28-05-15



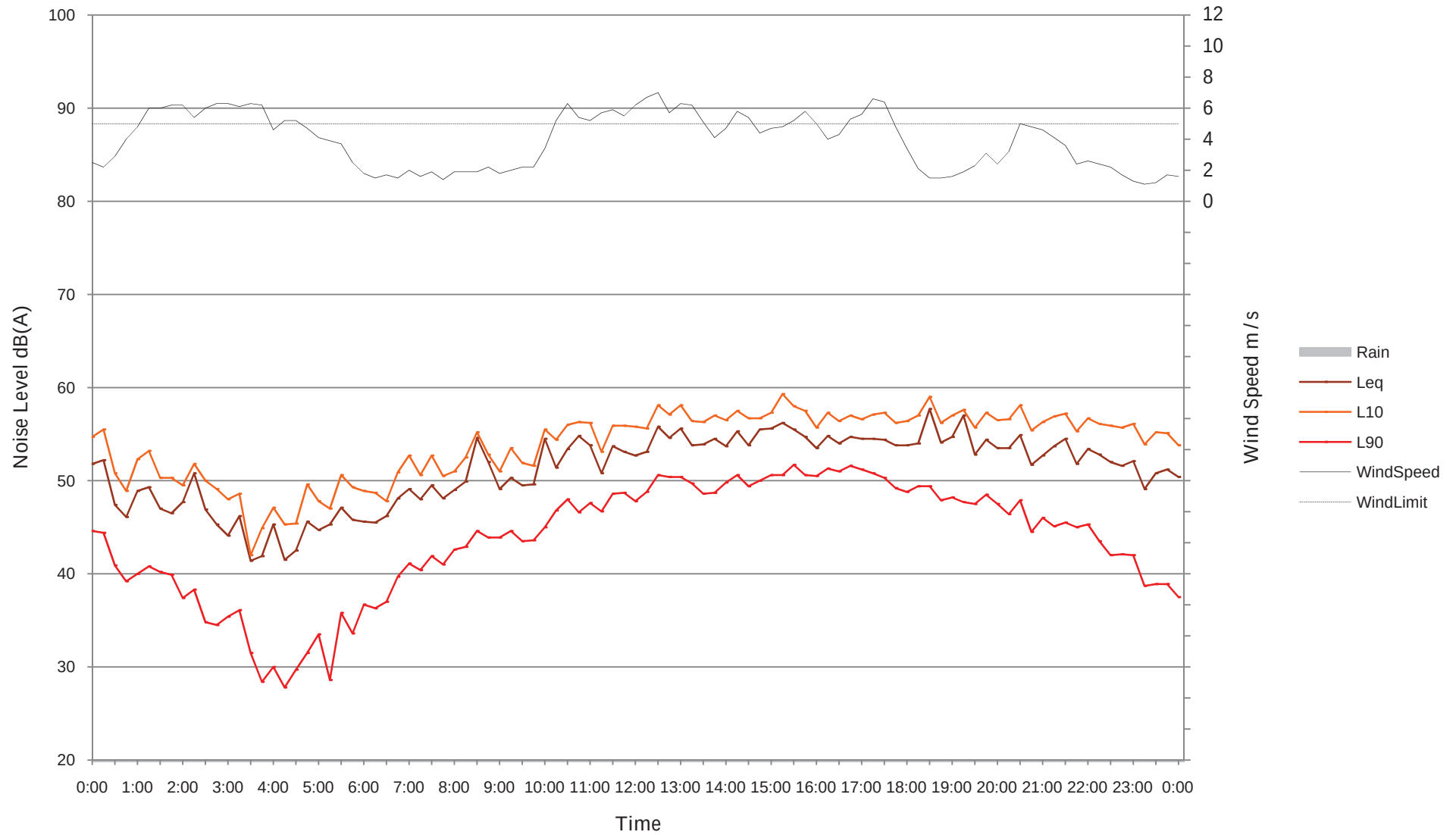
Measured Ambient Noise Levels
BG8 - Autumn 2015
Friday, 29-05-15



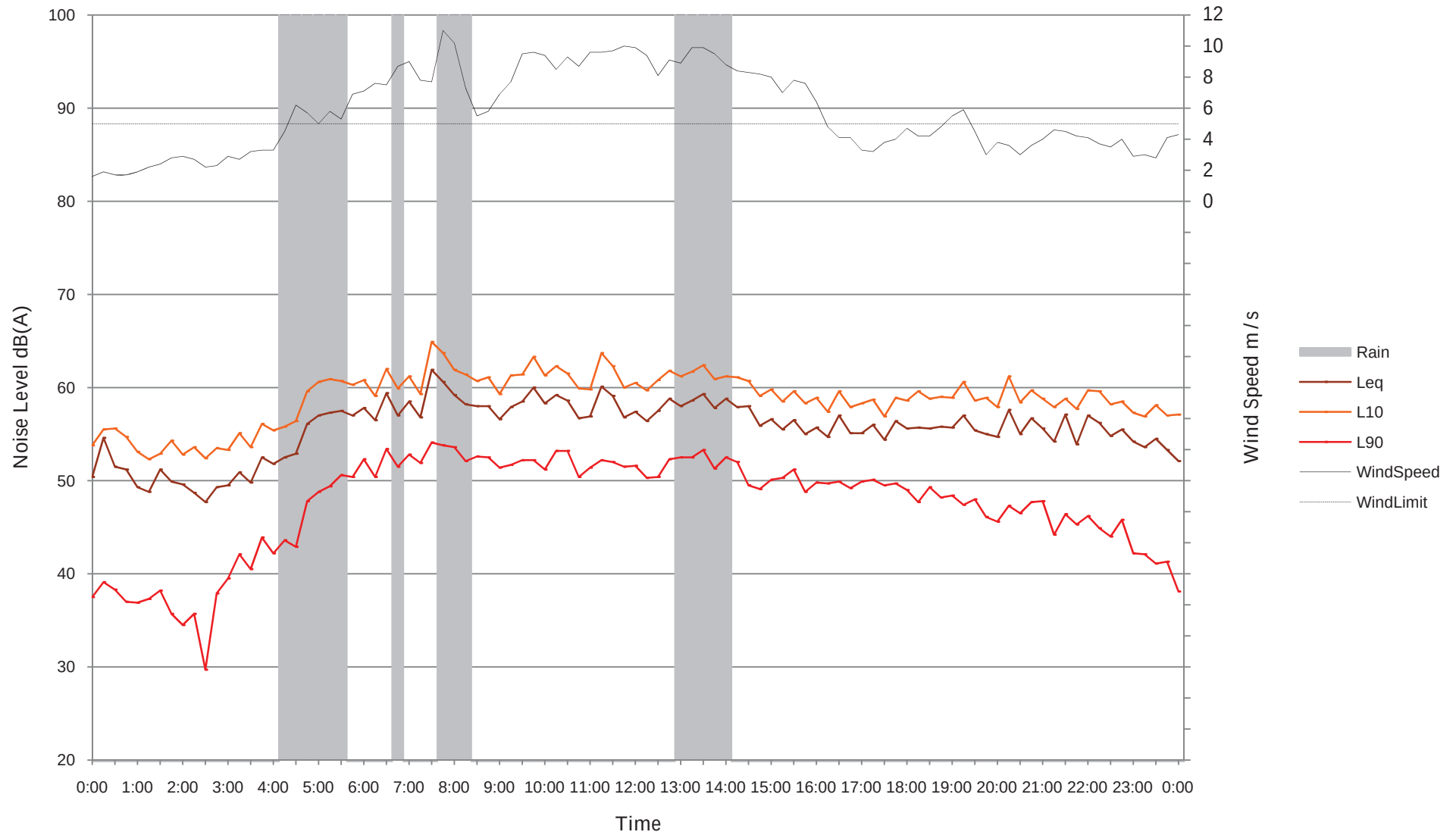
Measured Ambient Noise Levels
BG8 - Autumn 2015
Saturday, 30-05-15



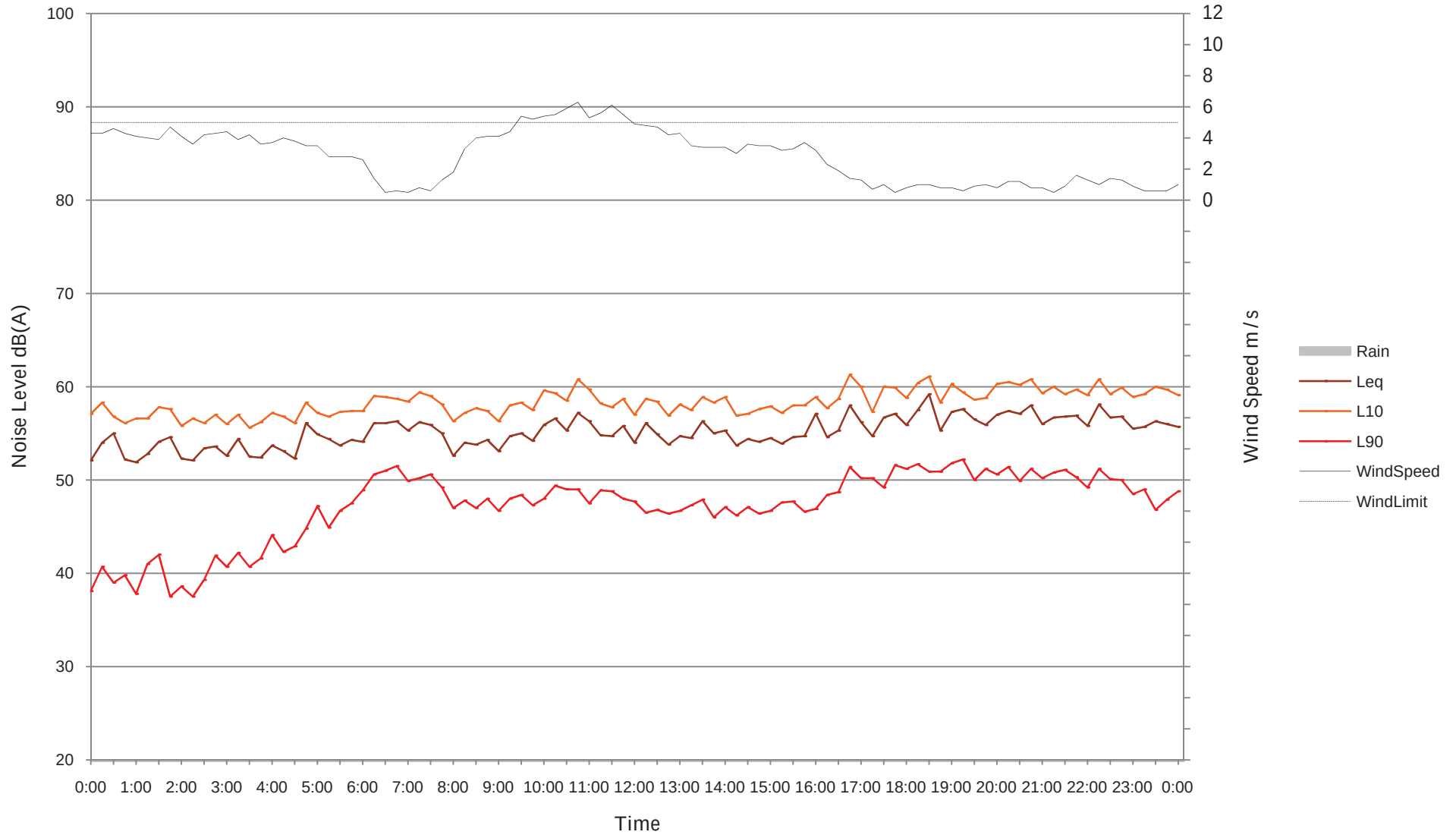
Measured Ambient Noise Levels
BG8 - Autumn 2015
Sunday, 31-05-15



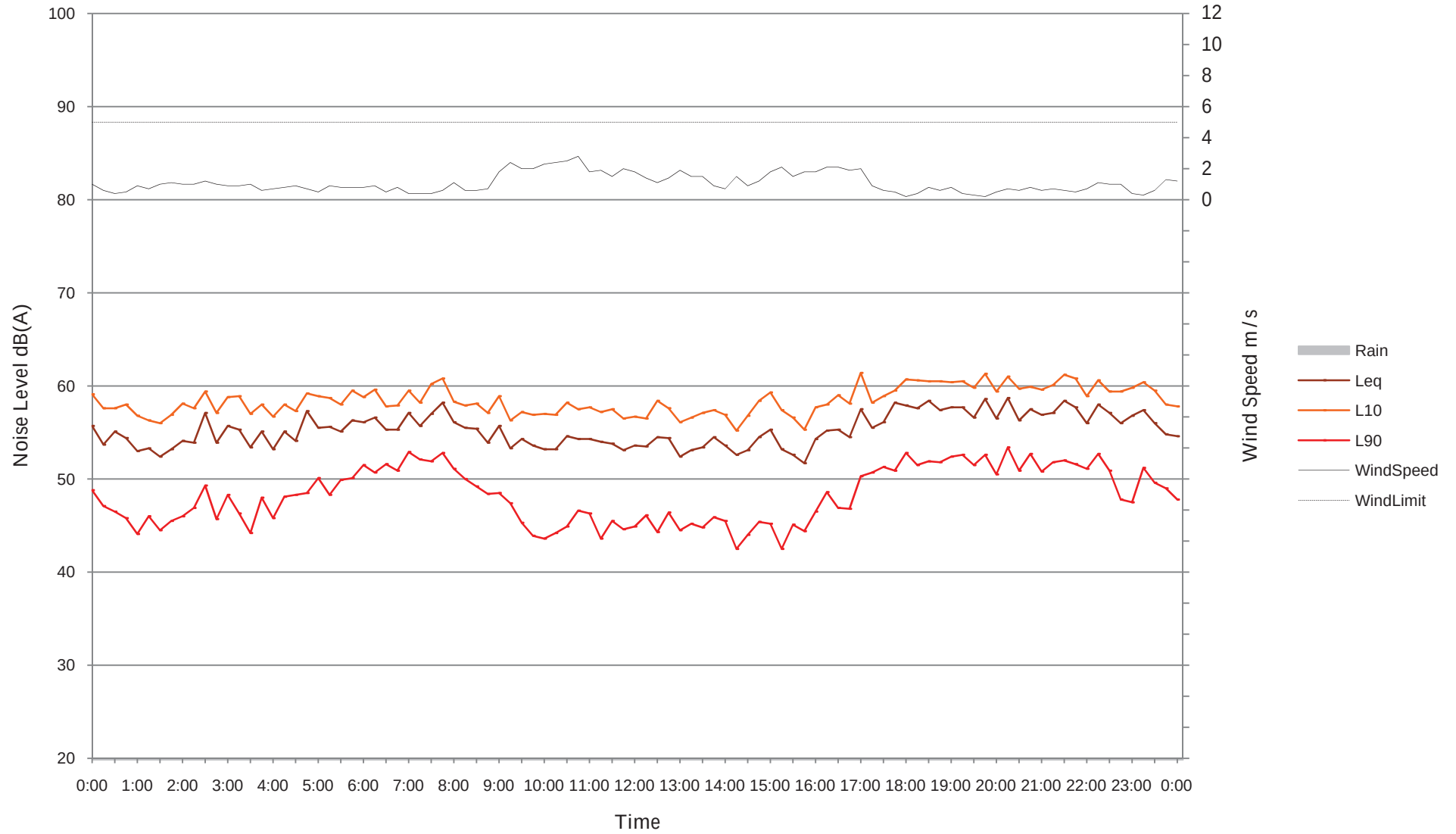
Measured Ambient Noise Levels
BG8 - Autumn 2015
Monday, 01-06-15



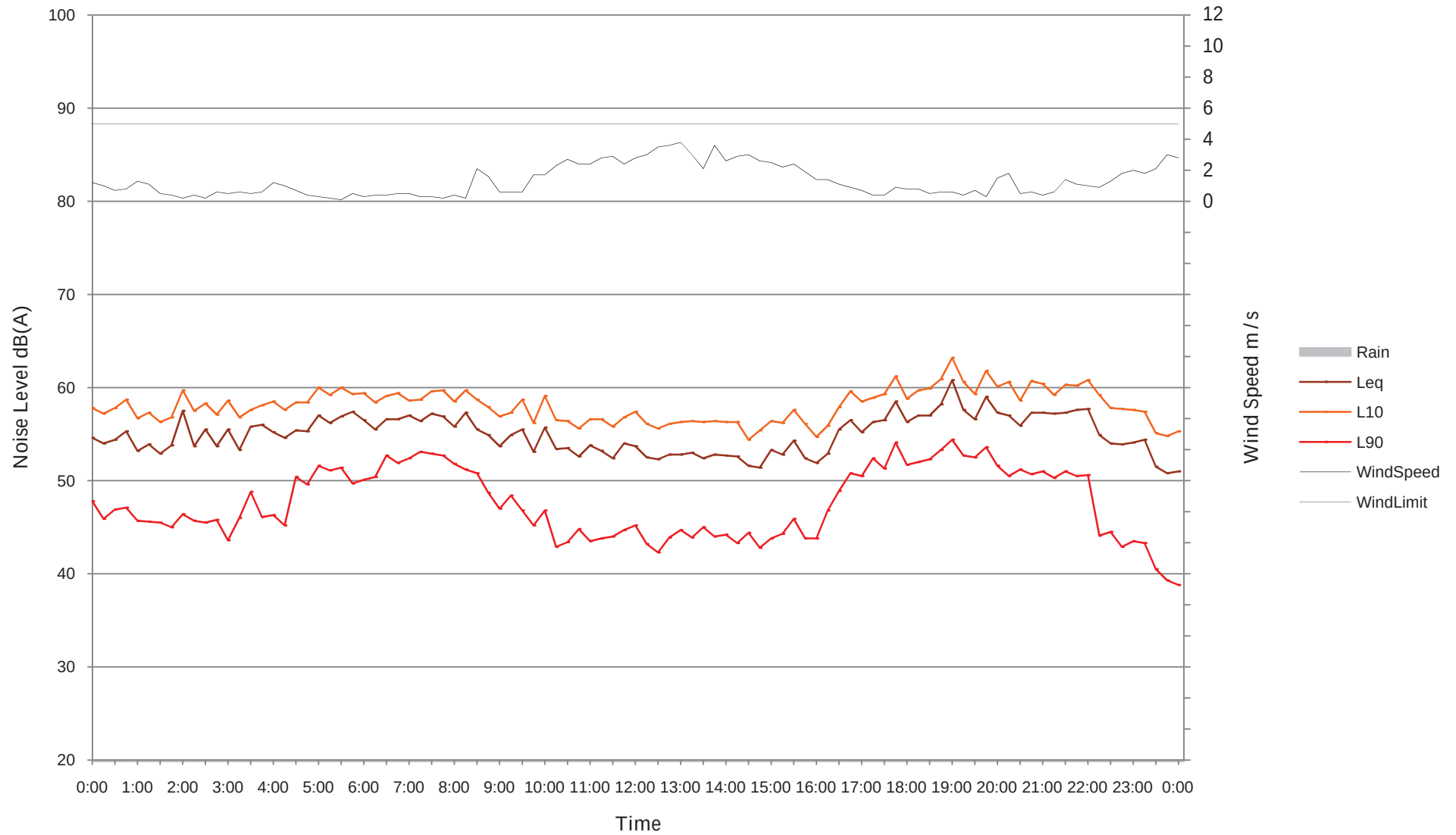
Measured Ambient Noise Levels
BG8 - Autumn 2015
Tuesday, 02-06-15



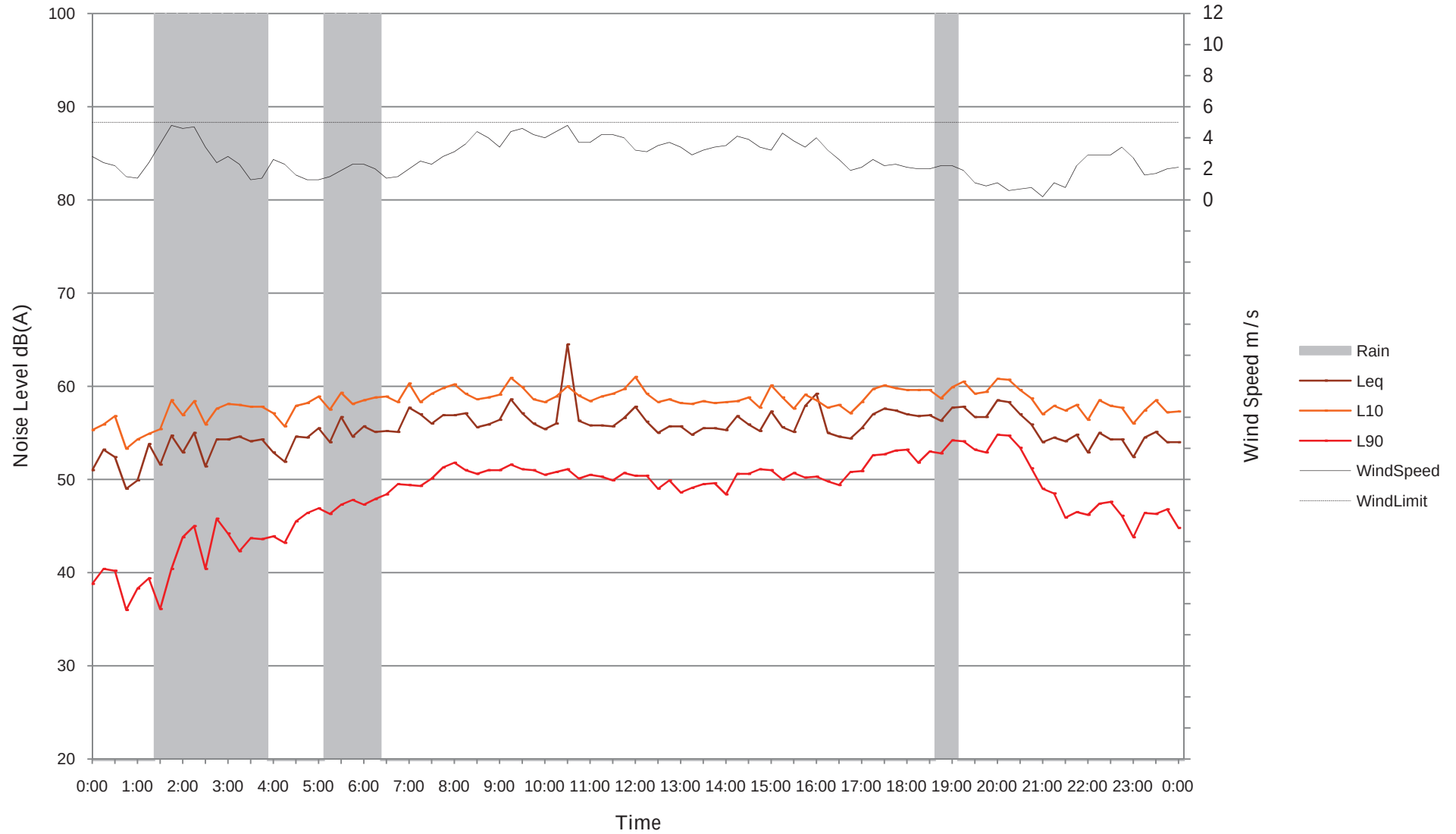
Measured Ambient Noise Levels
BG8 - Autumn 2015
Wednesday, 03-06-15



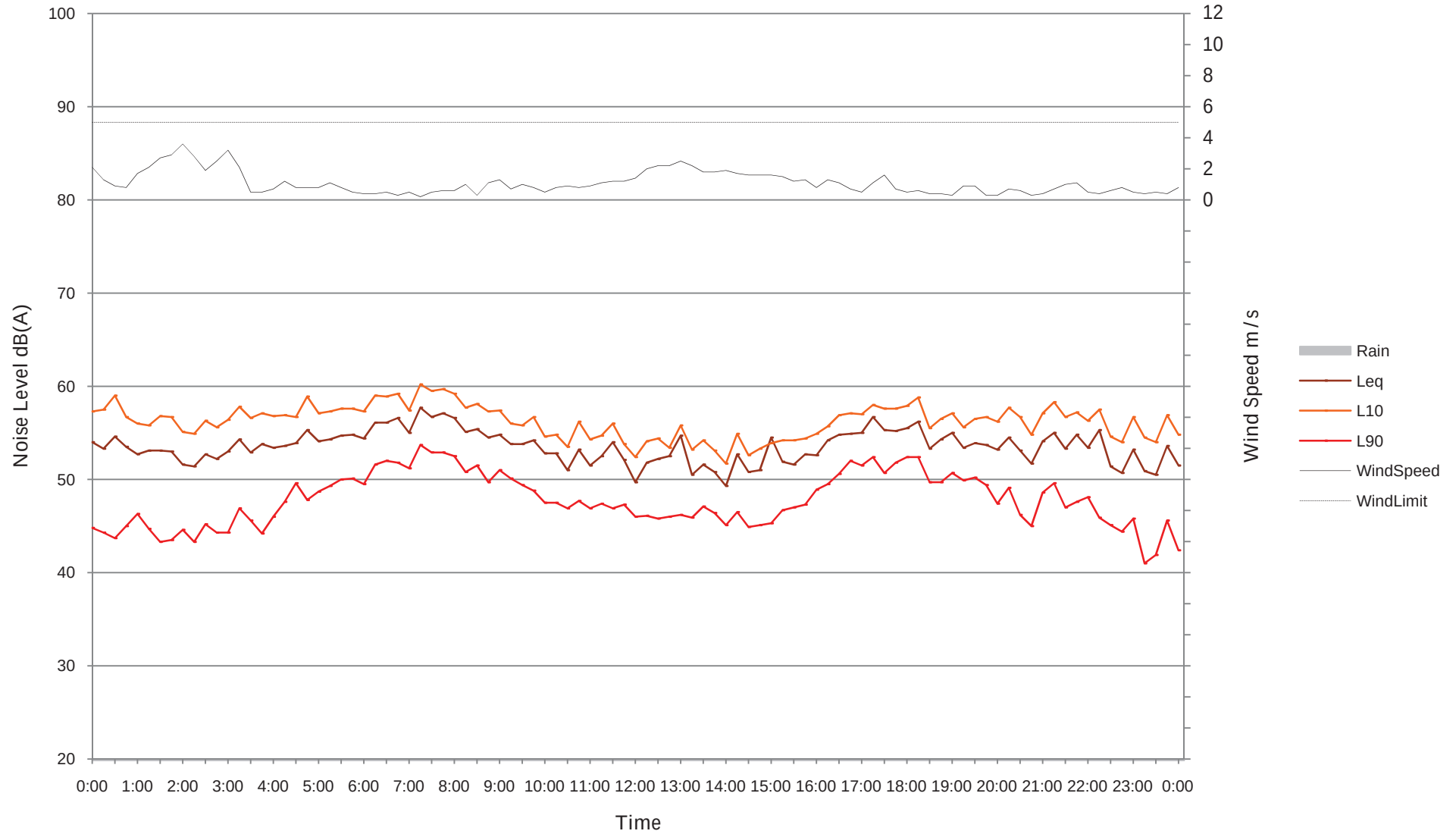
Measured Ambient Noise Levels
BG8 - Autumn 2015
Thursday, 04-06-15



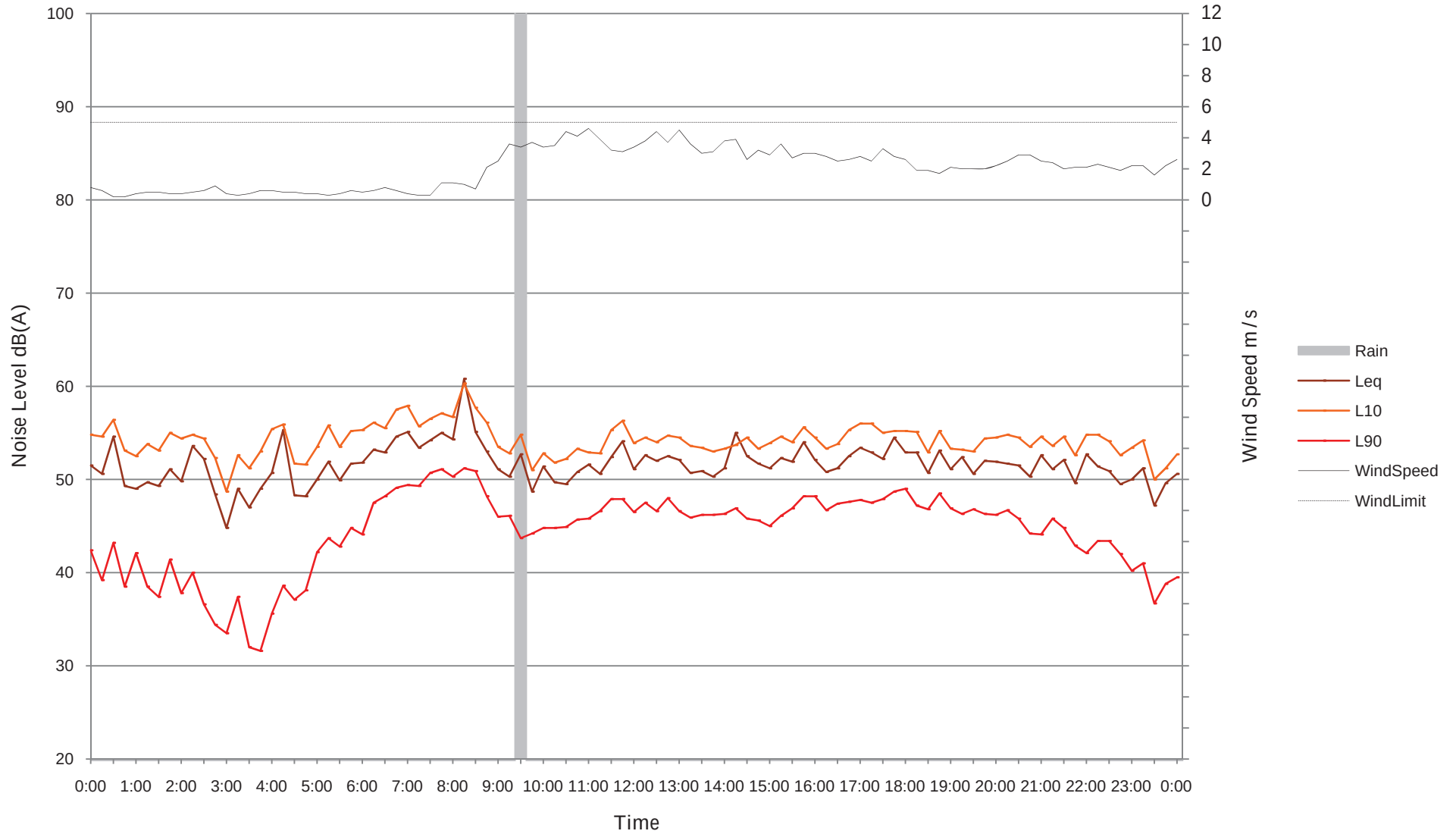
Measured Ambient Noise Levels
BG8 - Autumn 2015
Friday, 05-06-15



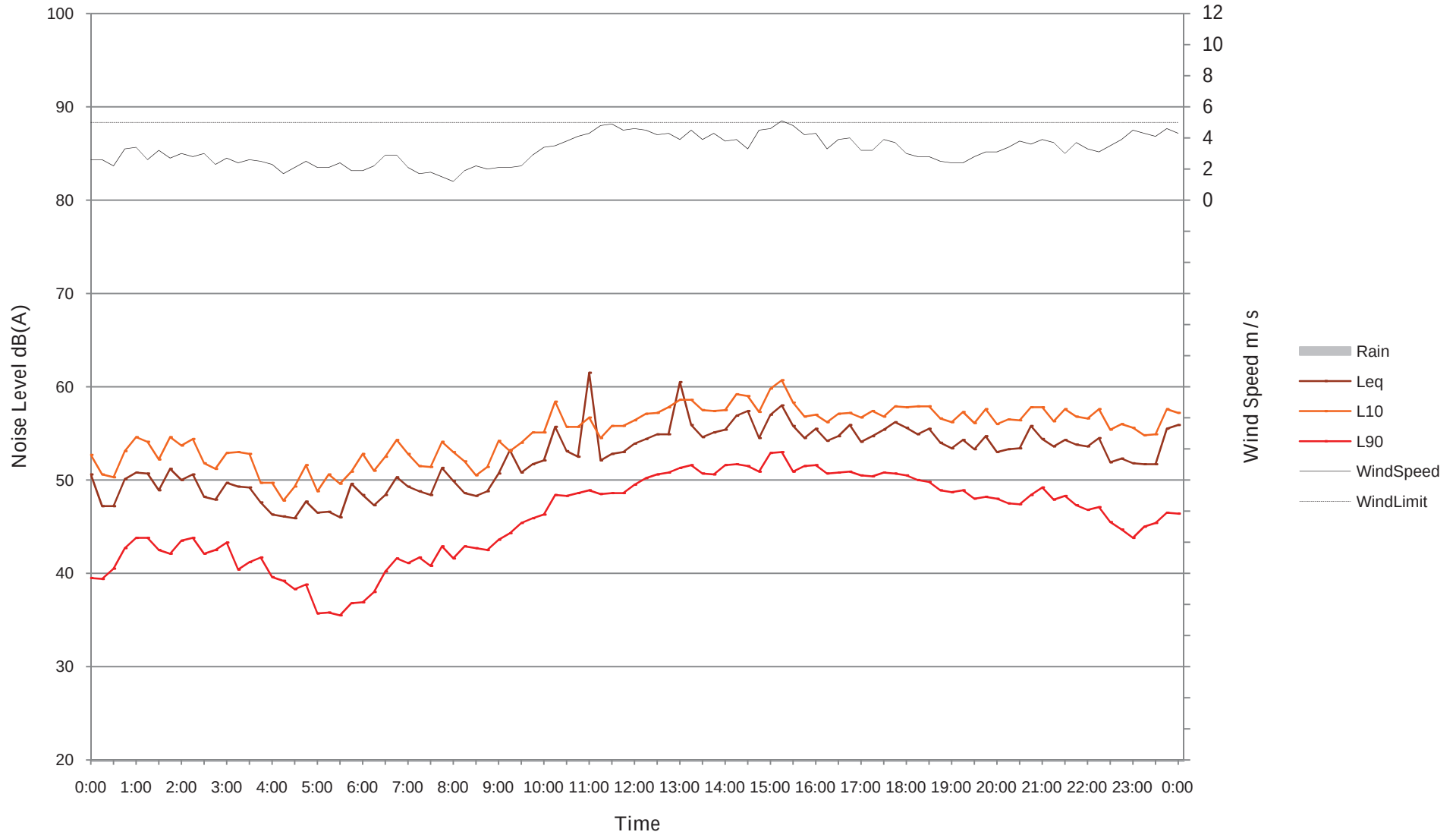
Measured Ambient Noise Levels
BG8 - Autumn 2015
Saturday, 06-06-15



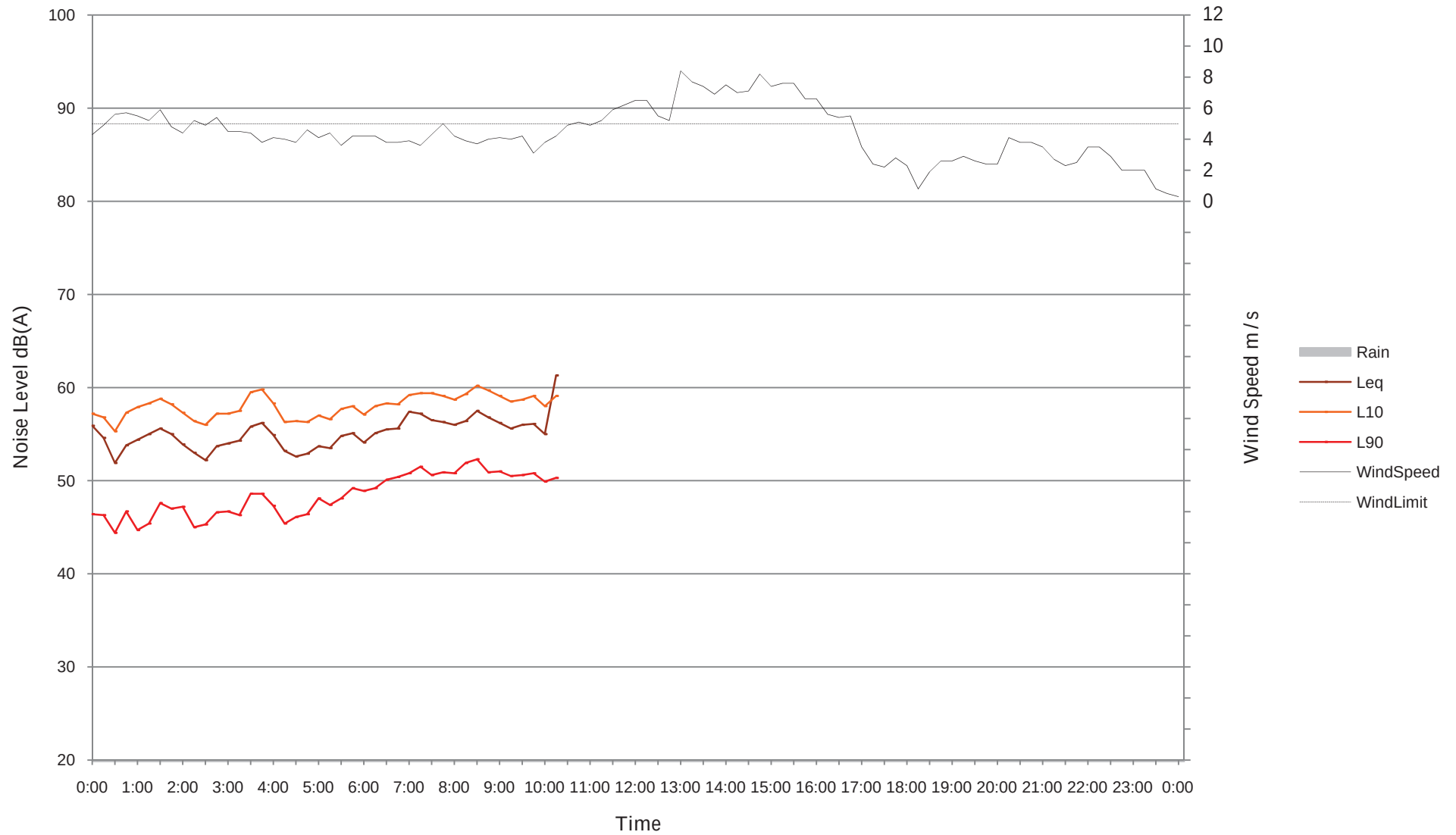
Measured Ambient Noise Levels
BG8 - Autumn 2015
Sunday, 07-06-15



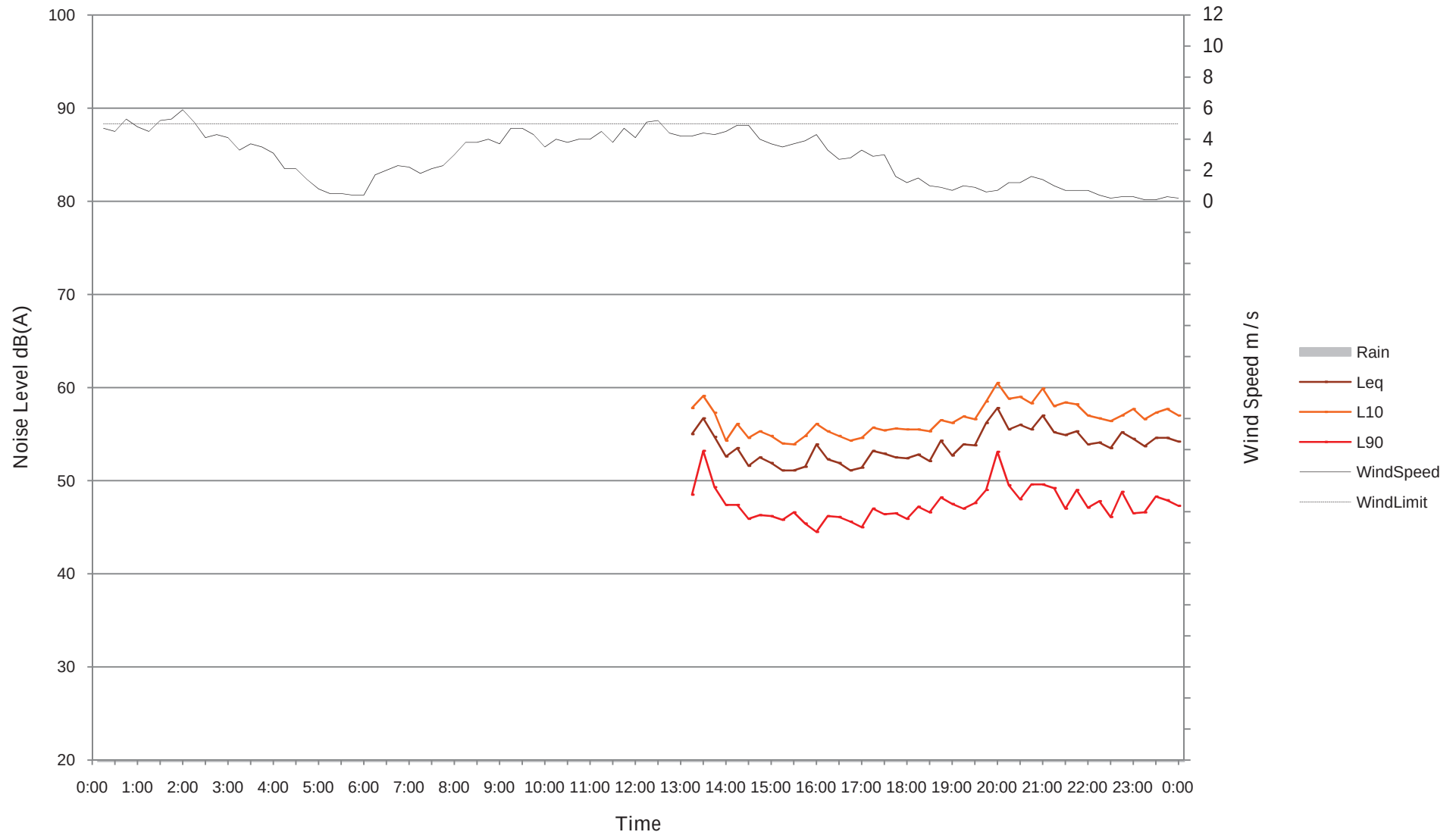
Measured Ambient Noise Levels
BG8 - Autumn 2015
Monday, 08-06-15



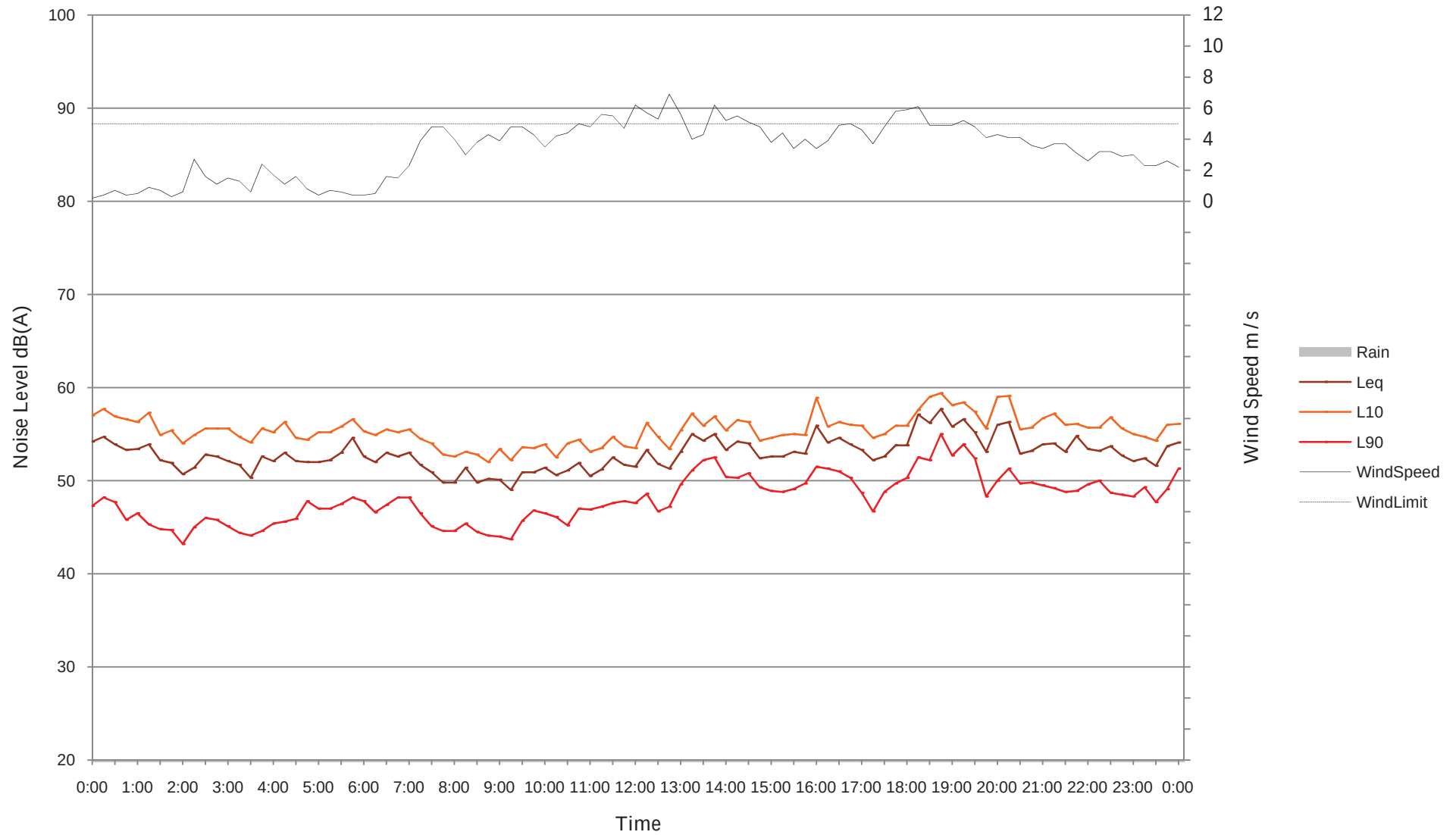
Measured Ambient Noise Levels
BG8 - Autumn 2015
Tuesday, 09-06-15



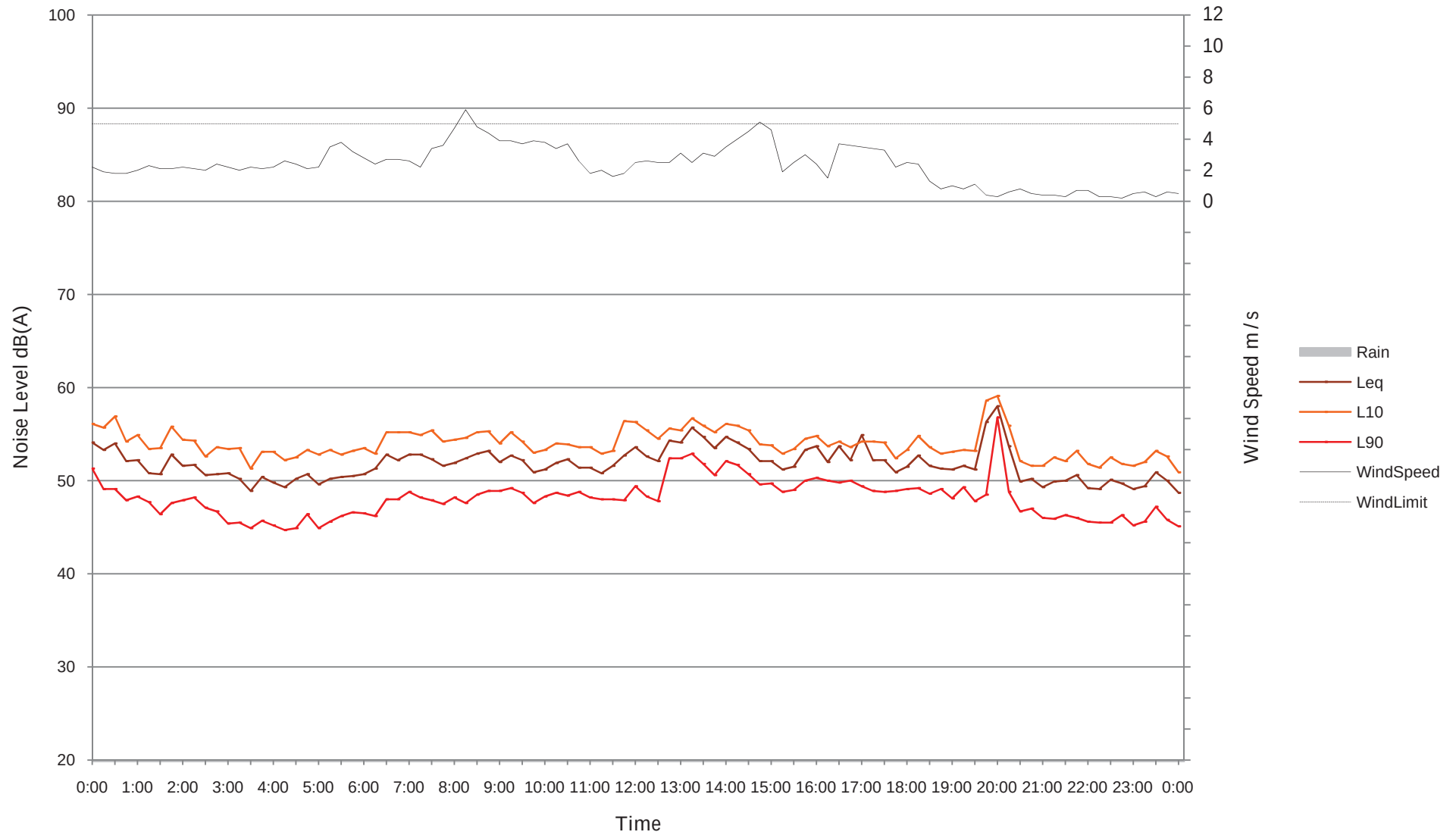
Measured Ambient Noise Levels
BG8 - Spring 2014
Thursday, 20-11-14



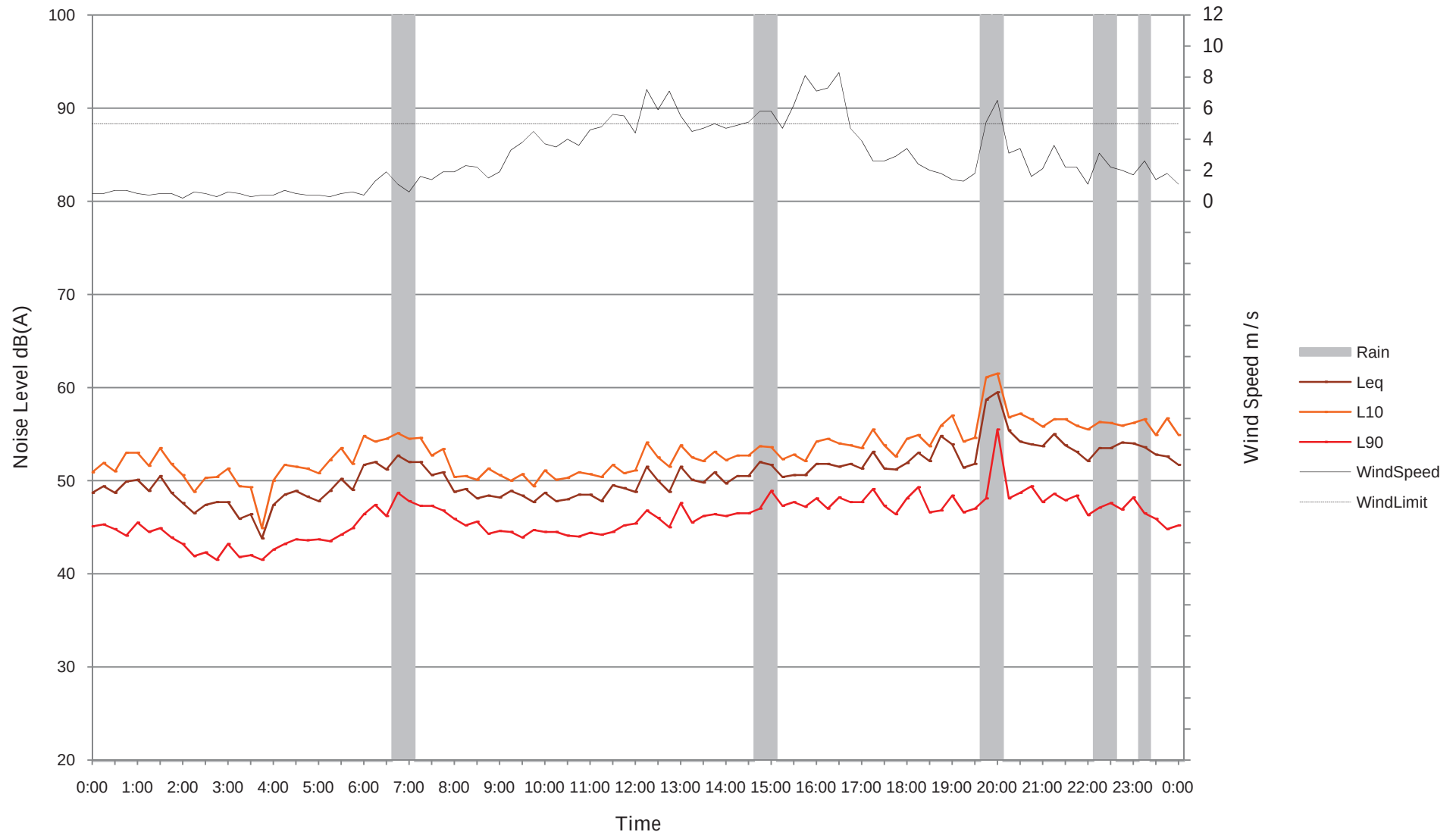
Measured Ambient Noise Levels
BG8 - Spring 2014
Friday, 21-11-14



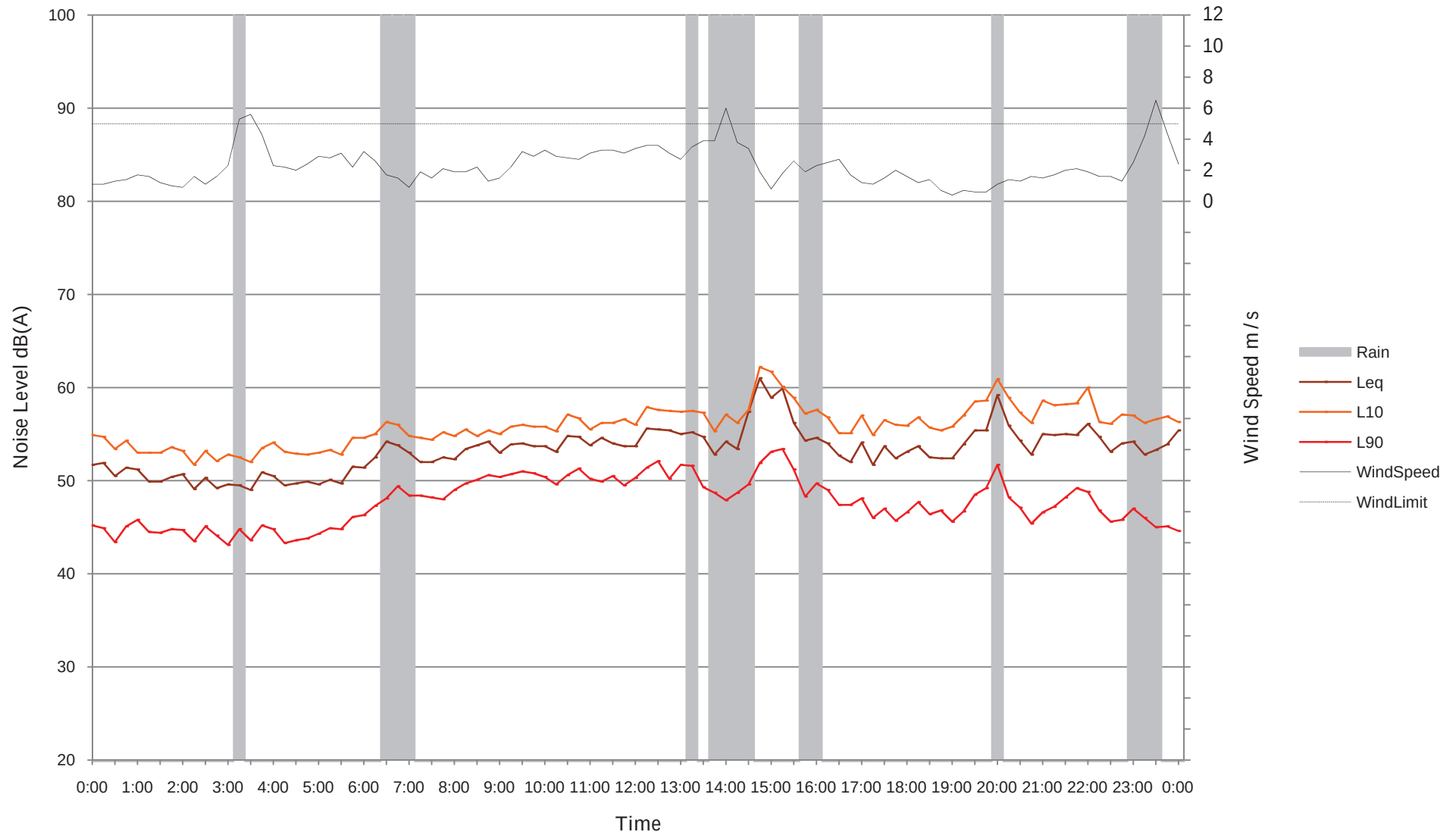
Measured Ambient Noise Levels
BG8 - Spring 2014
Saturday, 22-11-14



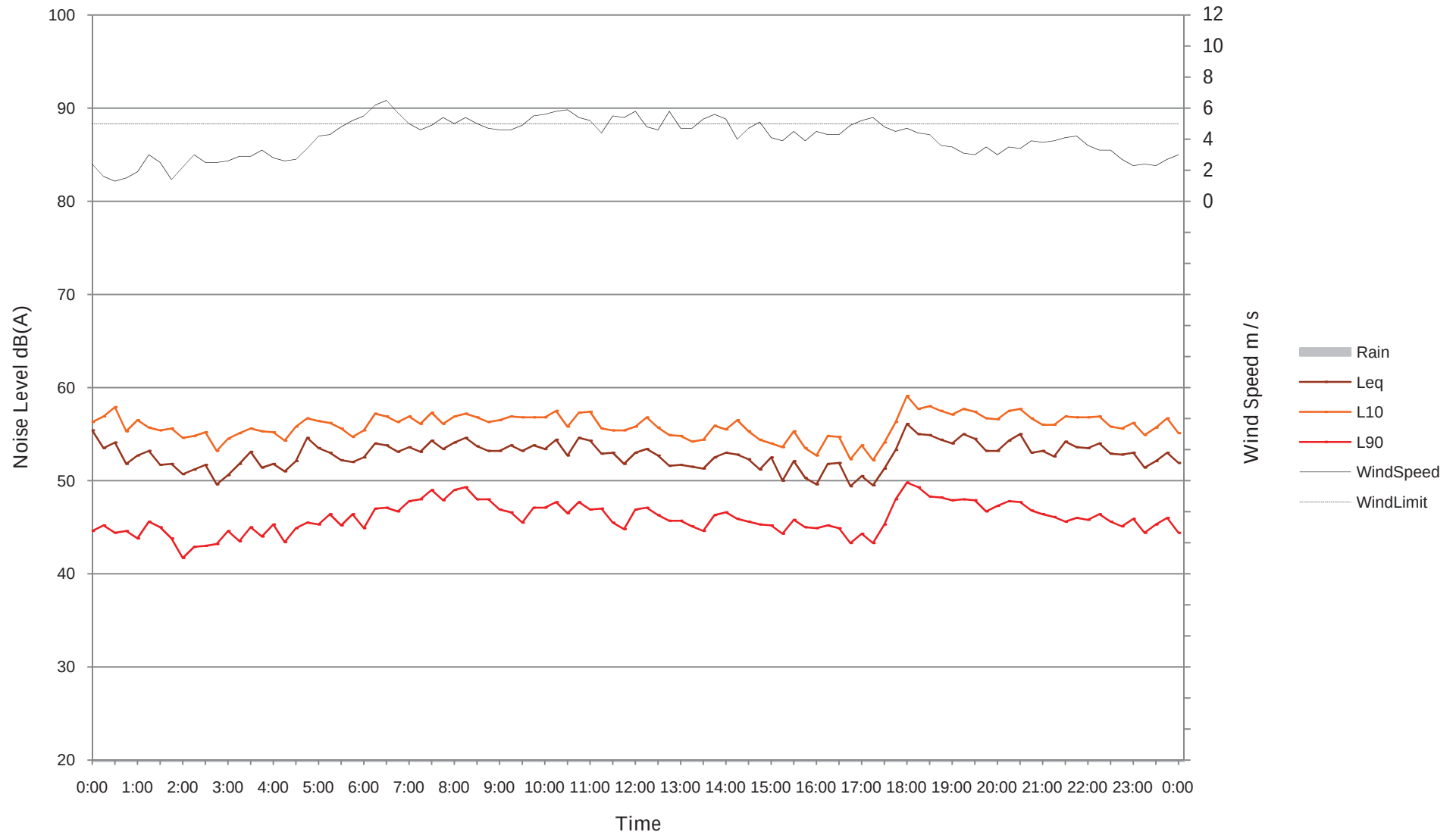
Measured Ambient Noise Levels
BG8 - Spring 2014
Sunday, 23-11-14



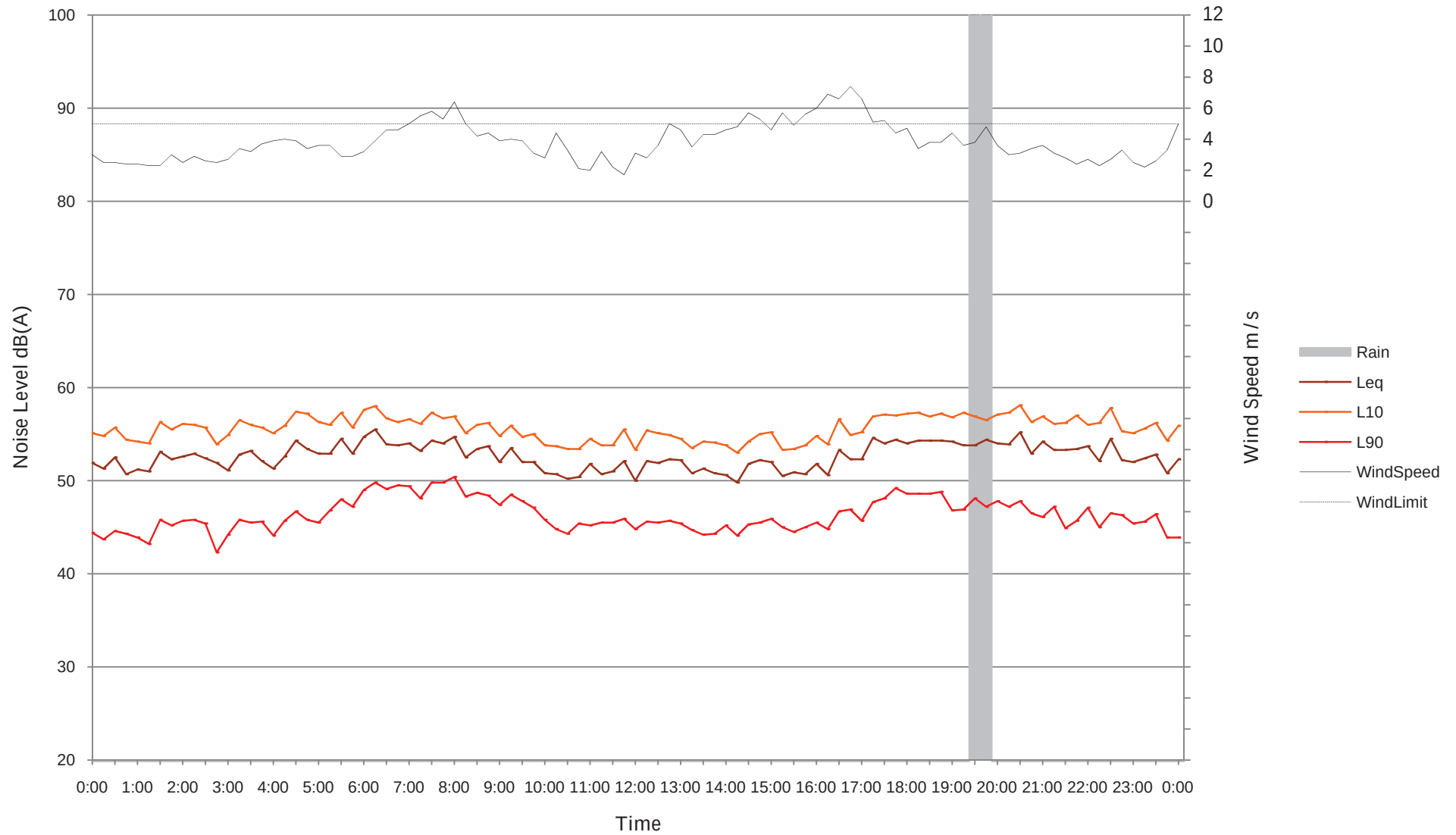
Measured Ambient Noise Levels
BG8 - Spring 2014
Monday, 24-11-14



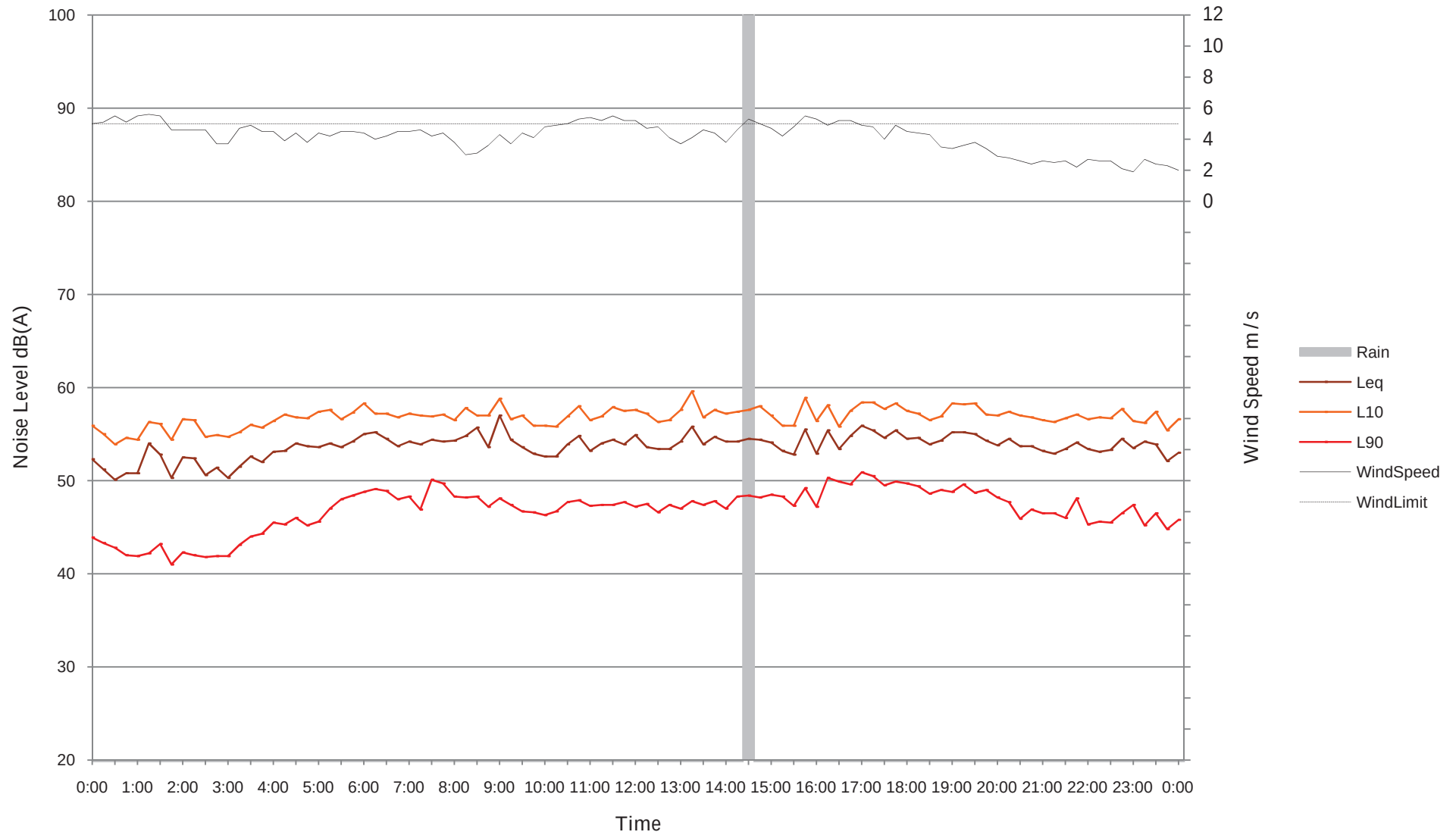
Measured Ambient Noise Levels
BG8 - Spring 2014
Tuesday, 25-11-14



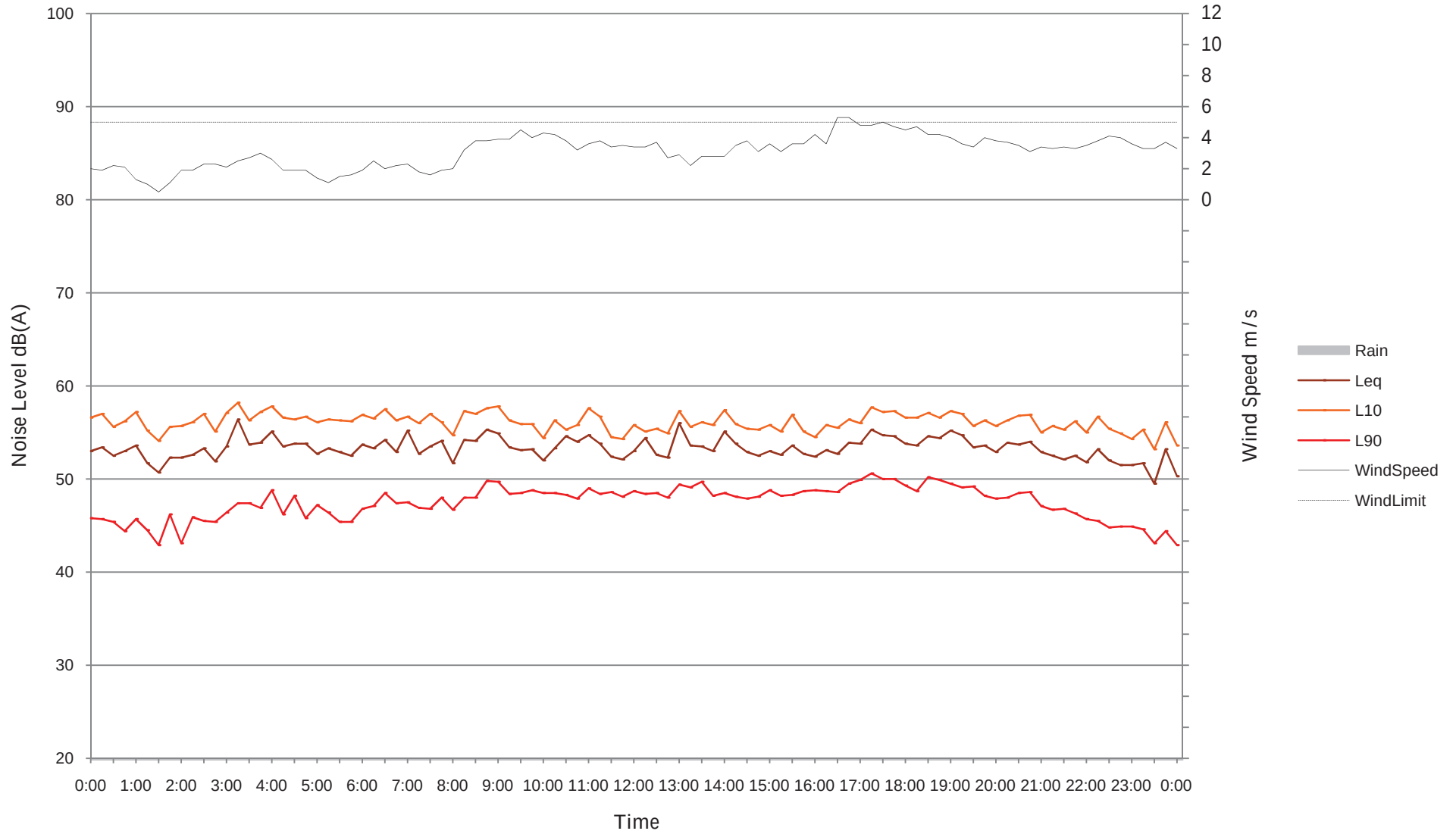
Measured Ambient Noise Levels
BG8 - Spring 2014
Wednesday, 26-11-14



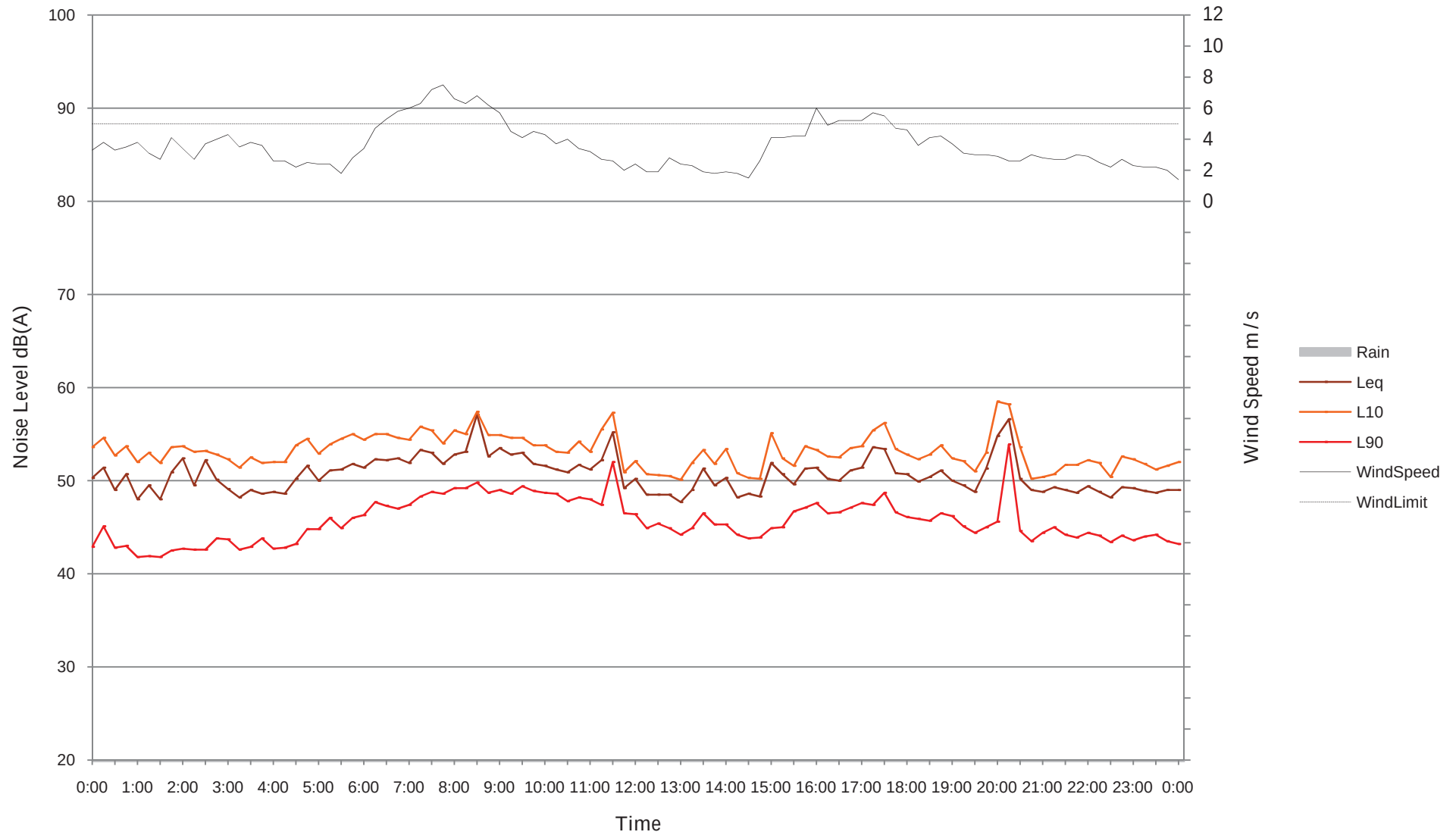
Measured Ambient Noise Levels
BG8 - Spring 2014
Thursday, 27-11-14



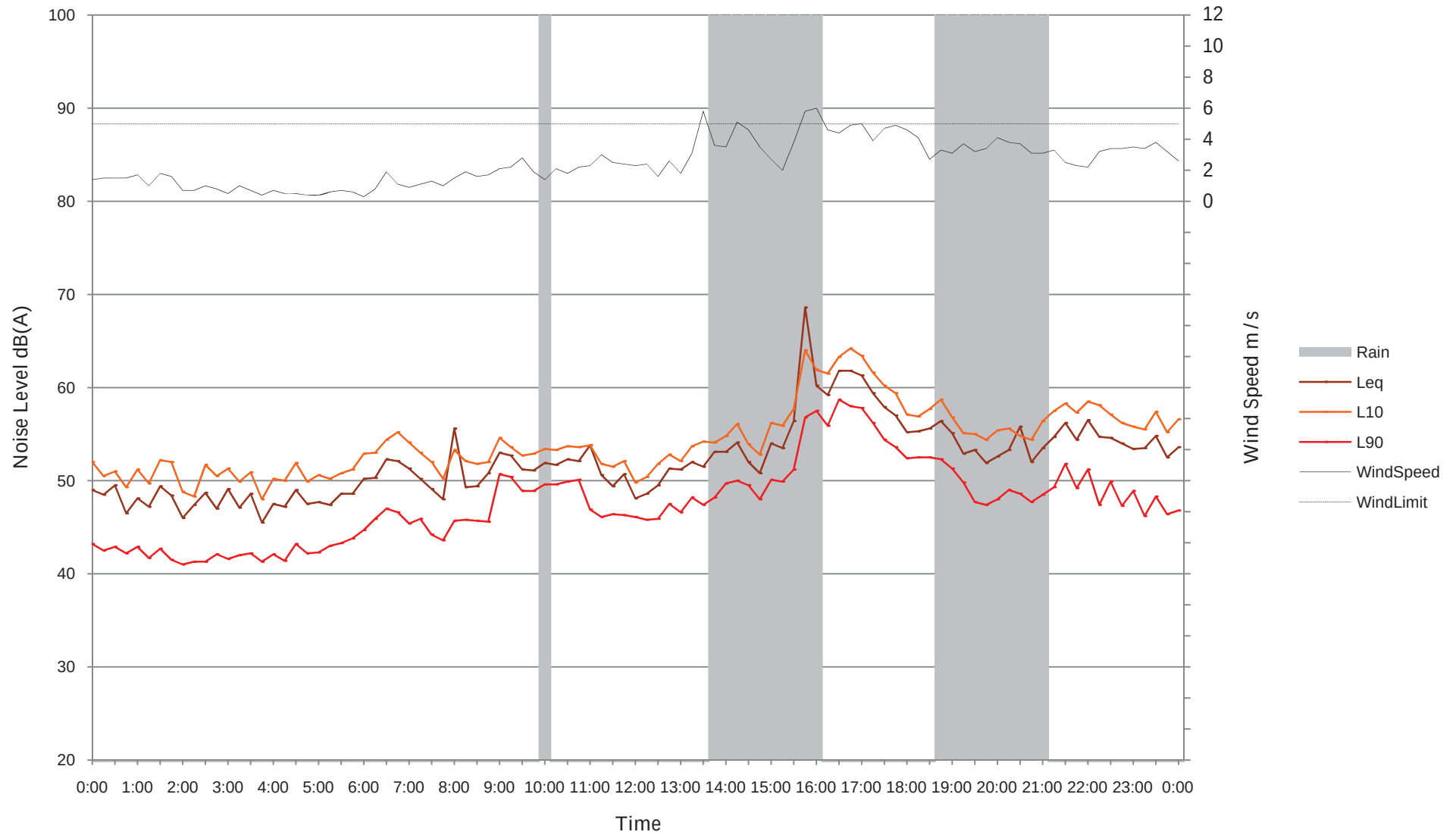
Measured Ambient Noise Levels
BG8 - Spring 2014
Friday, 28-11-14



Measured Ambient Noise Levels
BG8 - Spring 2014
Saturday, 29-11-14



Measured Ambient Noise Levels
BG8 - Spring 2014
Sunday, 30-11-14



Measured Ambient Noise Levels
BG8 - Spring 2014
Monday, 01-12-14

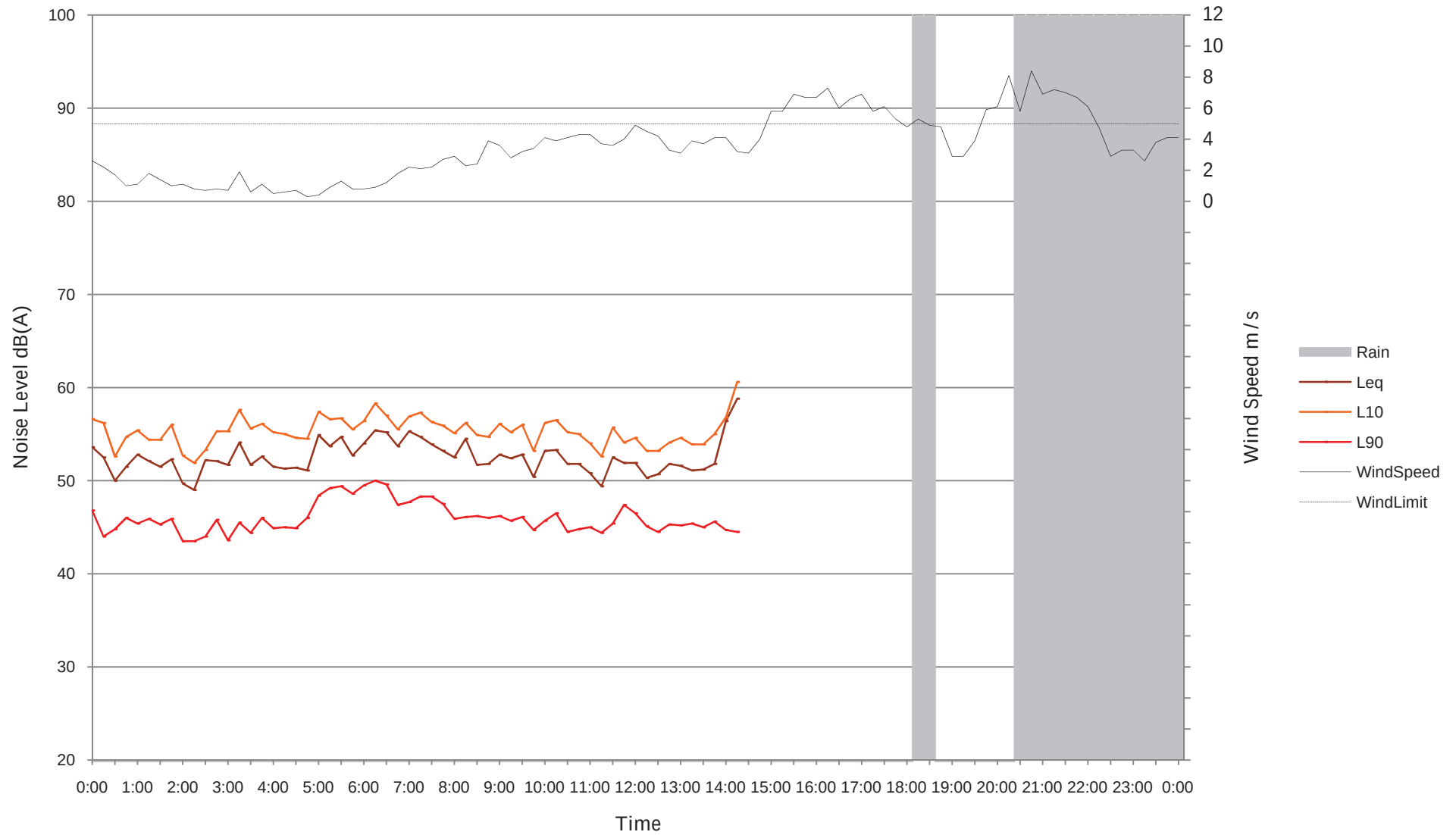


Table B.9 **BG9 background noise monitoring summary**

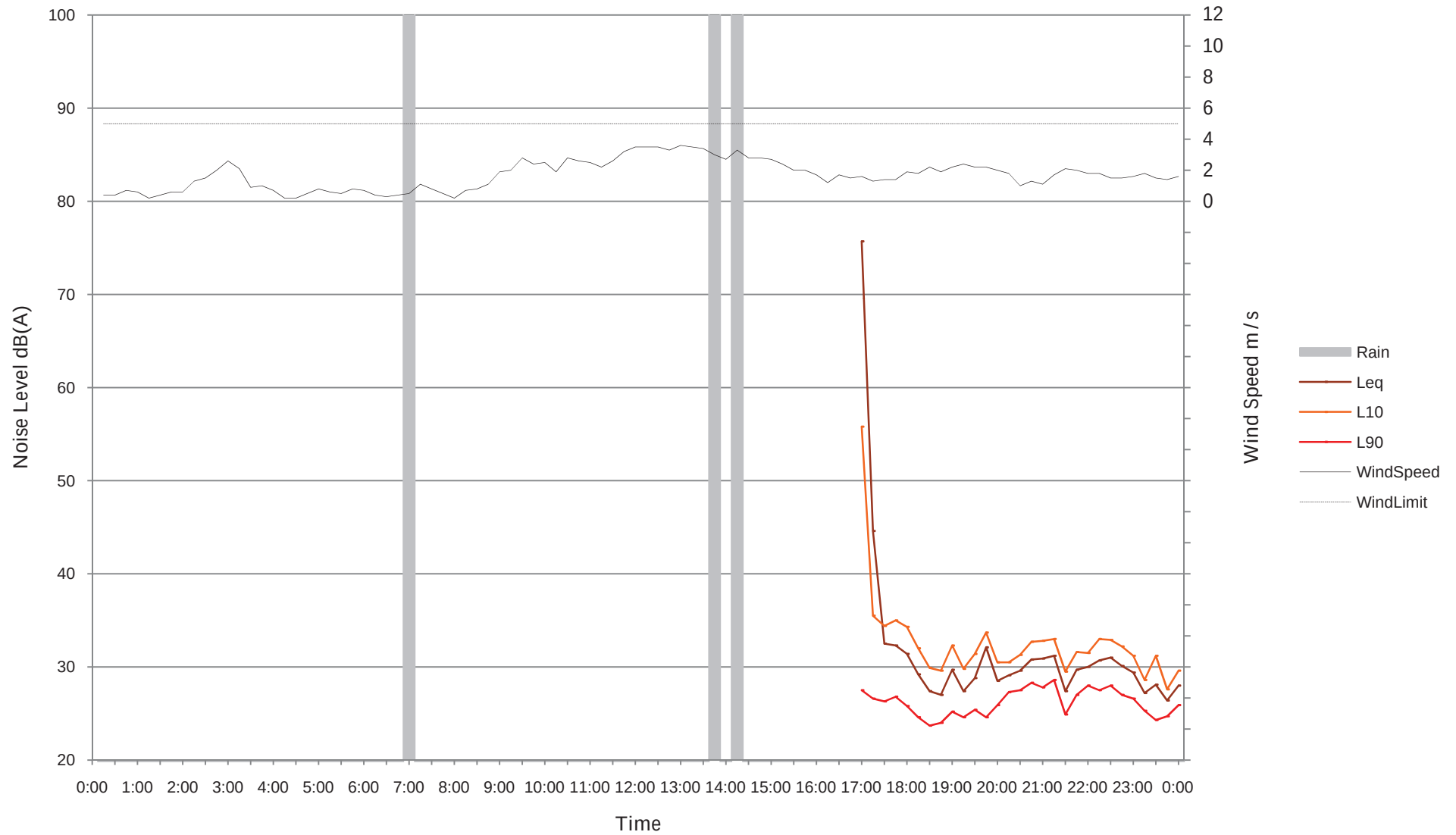
Date	ABL Day ²	ABL Evening ²	ABL Night ²
Spring 2014			
Thursday, 28-05-15	0	24	25
Friday, 29-05-15	28	29	27
Saturday, 30-05-15	29	27	26
Sunday, 31-05-15	28	31	0
Monday, 01-06-15	0	33	34
Tuesday, 02-06-15	31	39	35
Wednesday, 03-06-15	26	41	38
Thursday, 04-06-15	25	24	0
Friday, 05-06-15	32	33	30
Saturday, 06-06-15	26	33	28
Sunday, 07-06-15	27	25	28
Monday, 08-06-15	31	33	38
Tuesday, 09-06-15	0	0	0
Rating Background Level (RBL)¹	30 (28)³	32	30 (29)³

Notes: 1. Adopted RBL shown in grey shading.

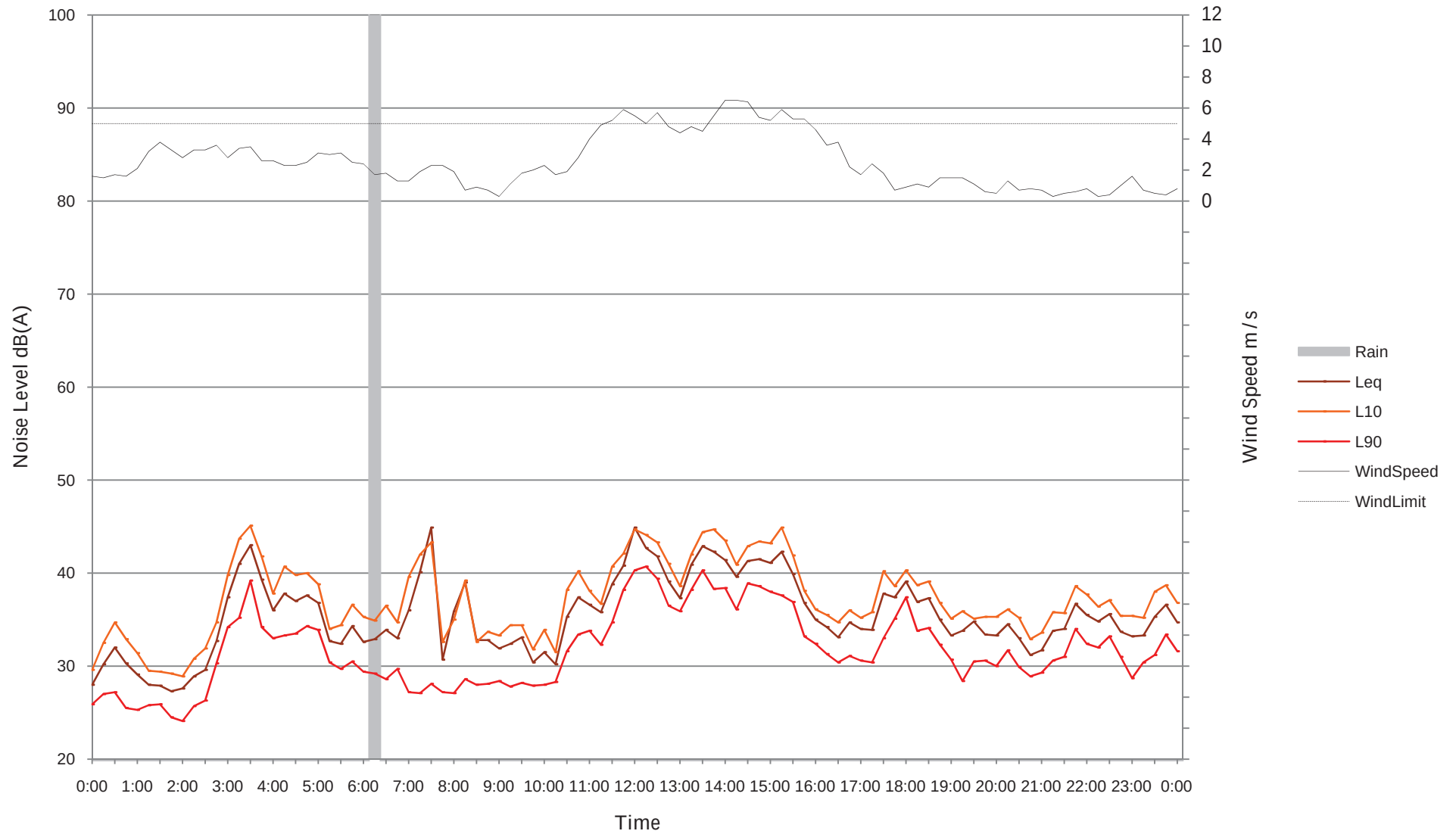
2. A "0" indicates insufficient data samples due to adverse weather or other extraneous effects.

3. Minimum 30 dB RBL adopted where recorded RBL is less than 30 dB.

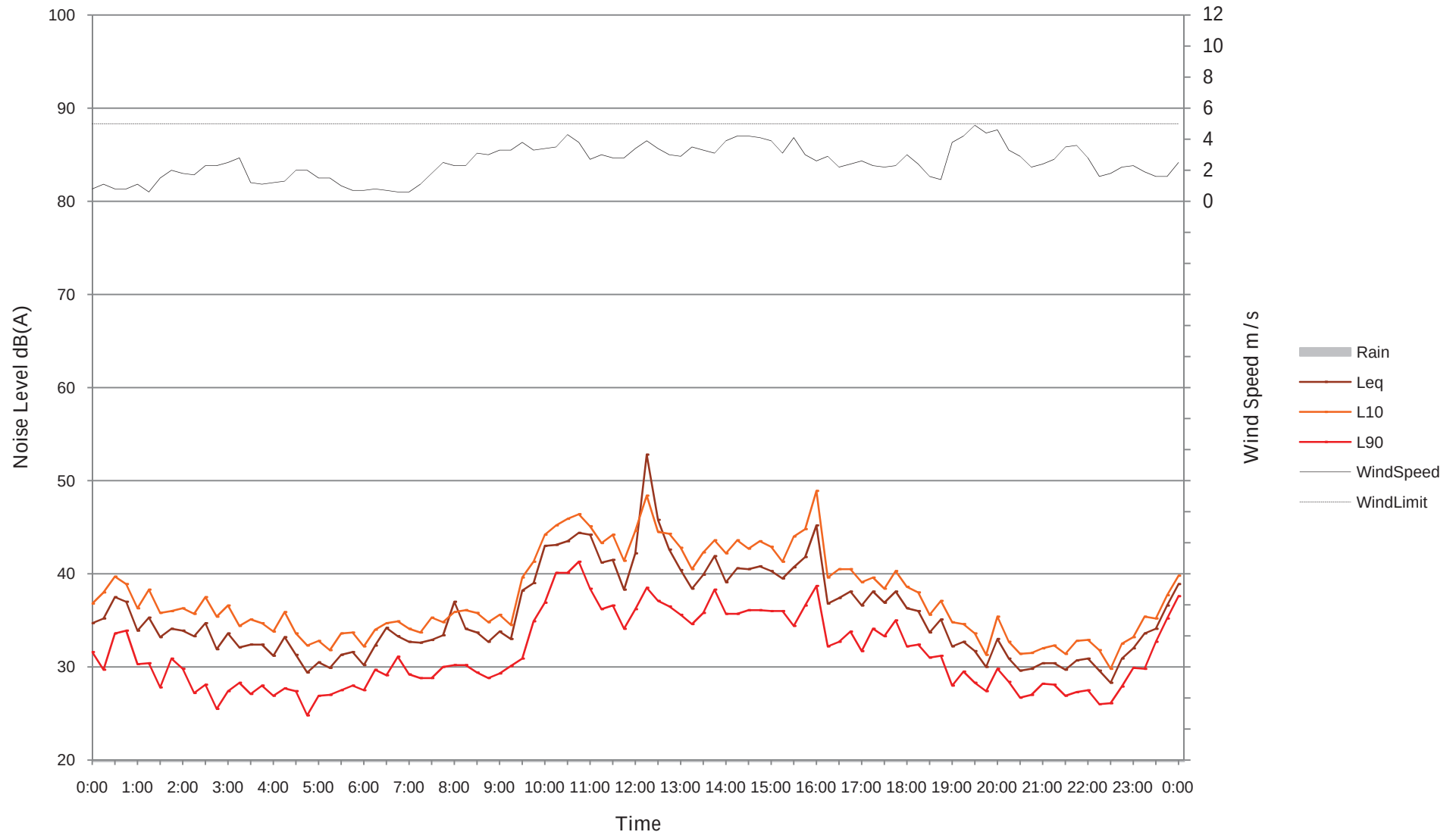
Measured Ambient Noise Levels
BG9 - Autumn 2015
Thursday, 28-05-15



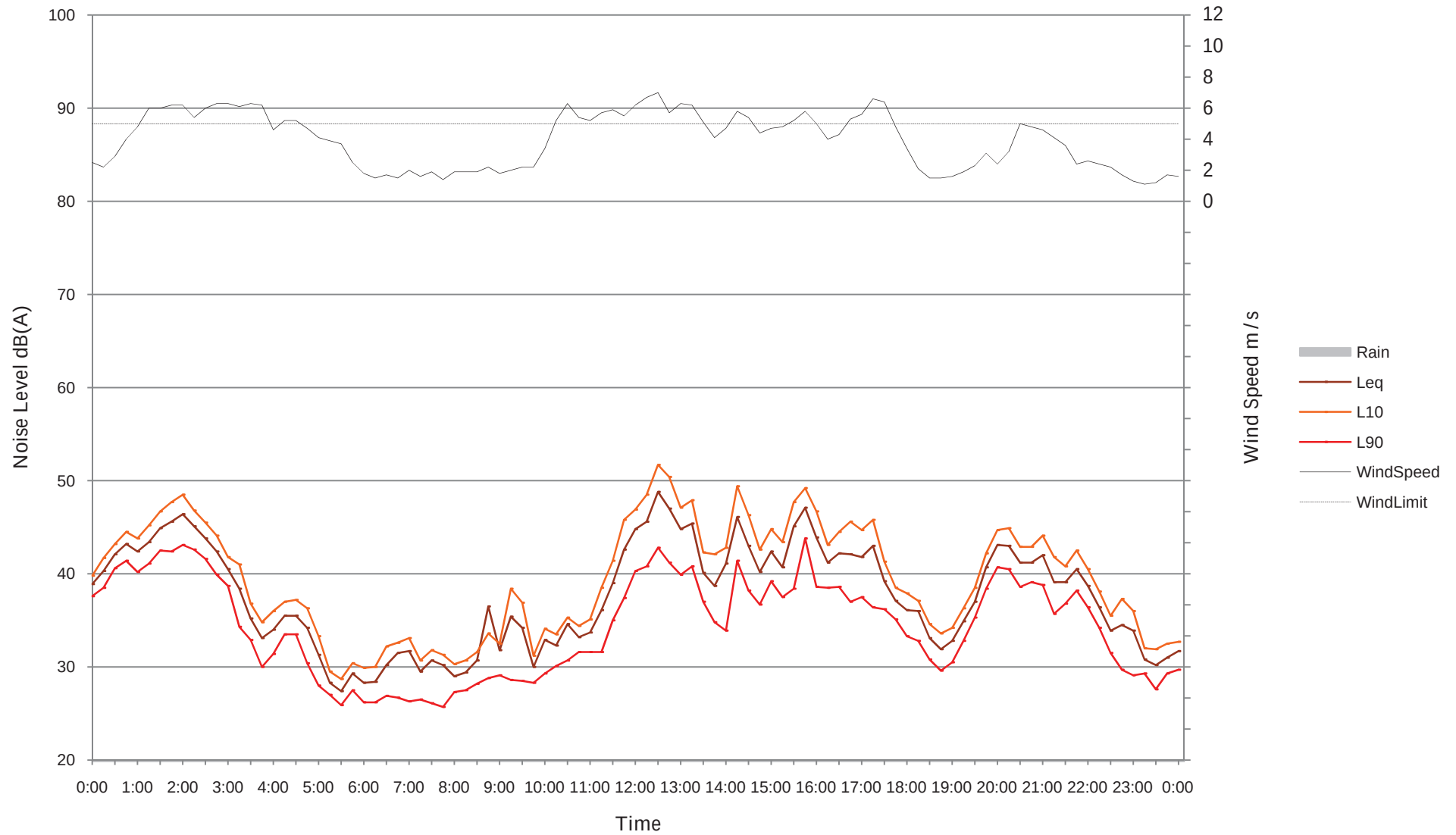
Measured Ambient Noise Levels
BG9 - Autumn 2015
Friday, 29-05-15



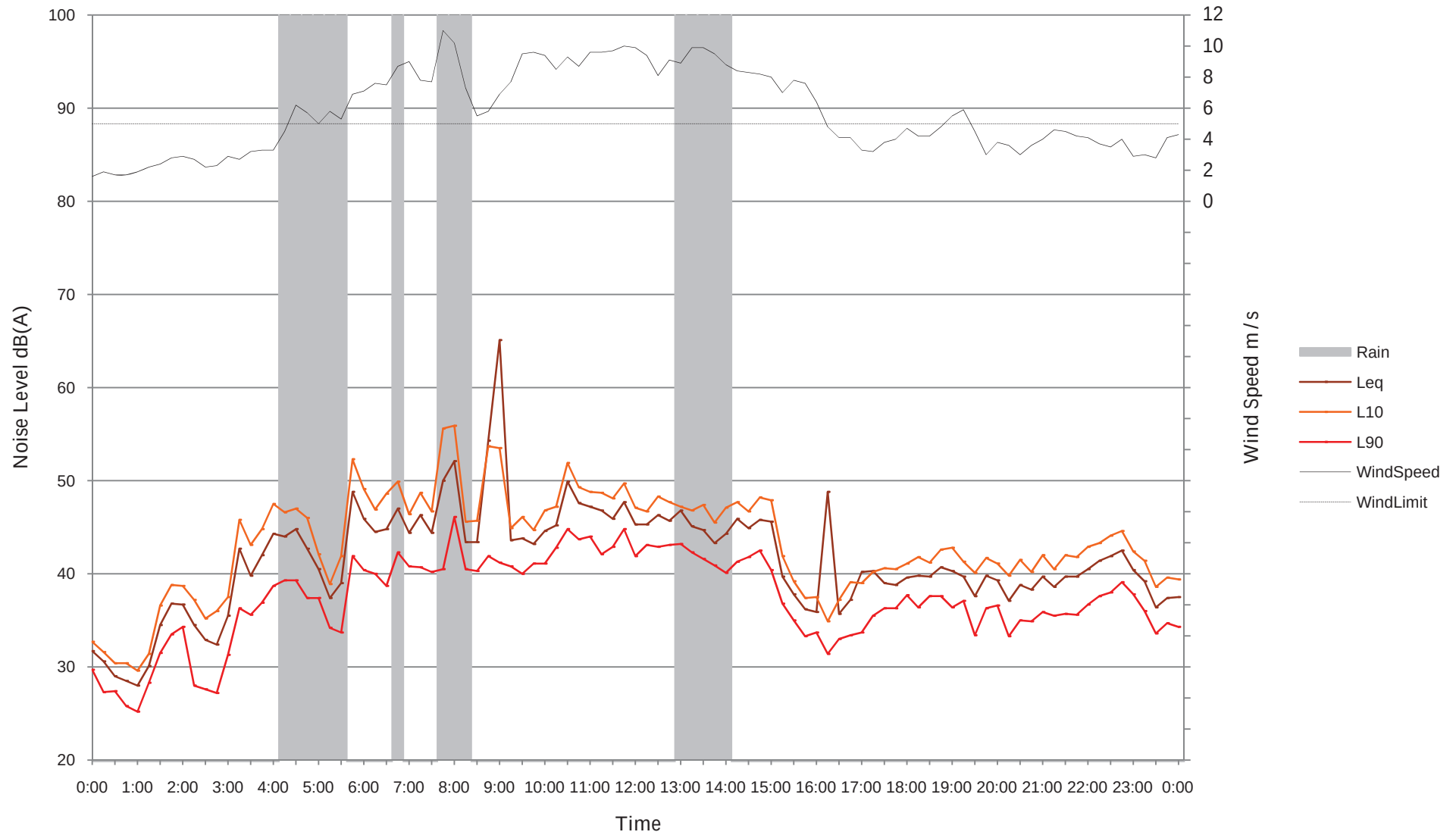
Measured Ambient Noise Levels
BG9 - Autumn 2015
Saturday, 30-05-15



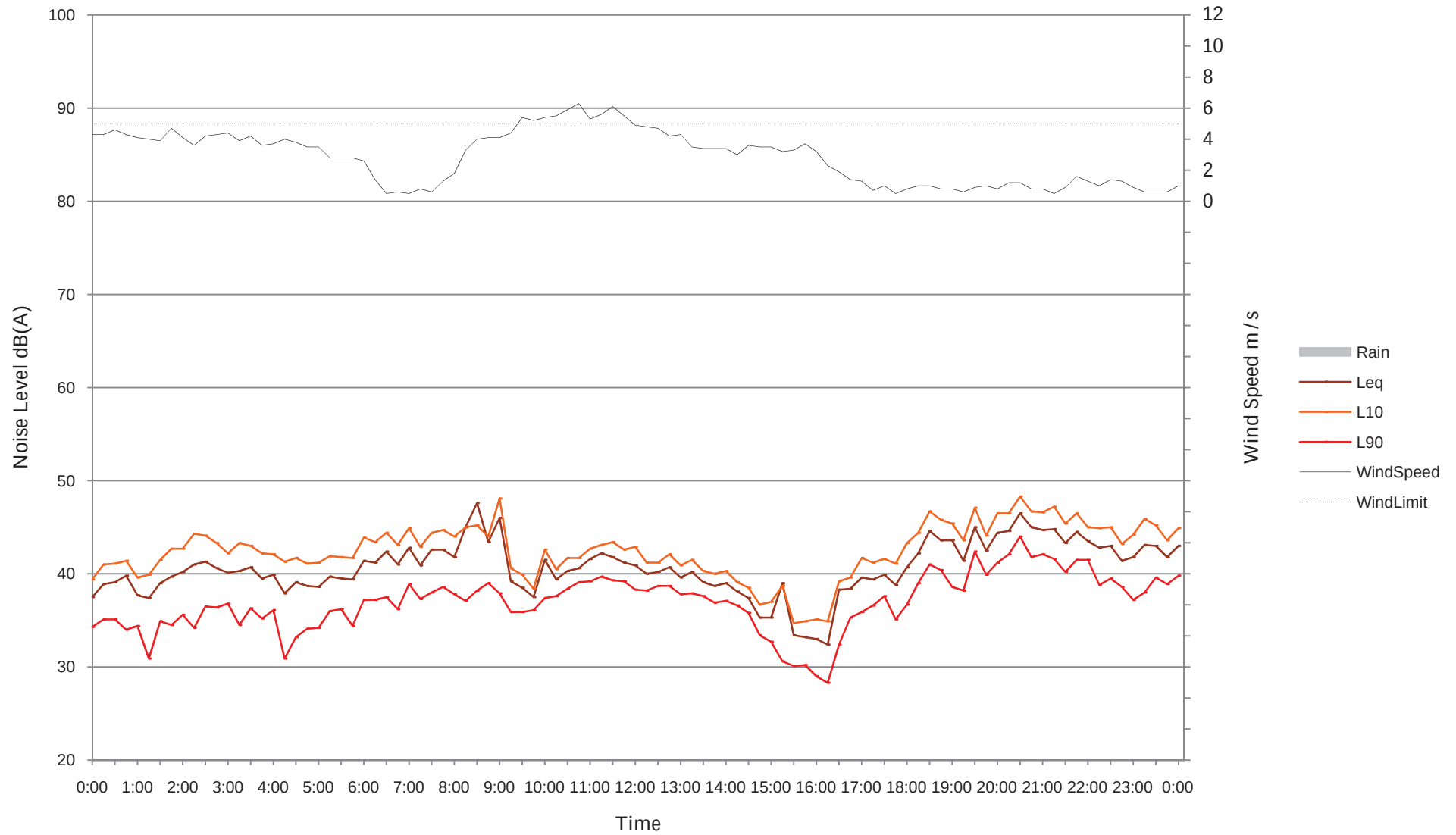
Measured Ambient Noise Levels
BG9 - Autumn 2015
Sunday, 31-05-15



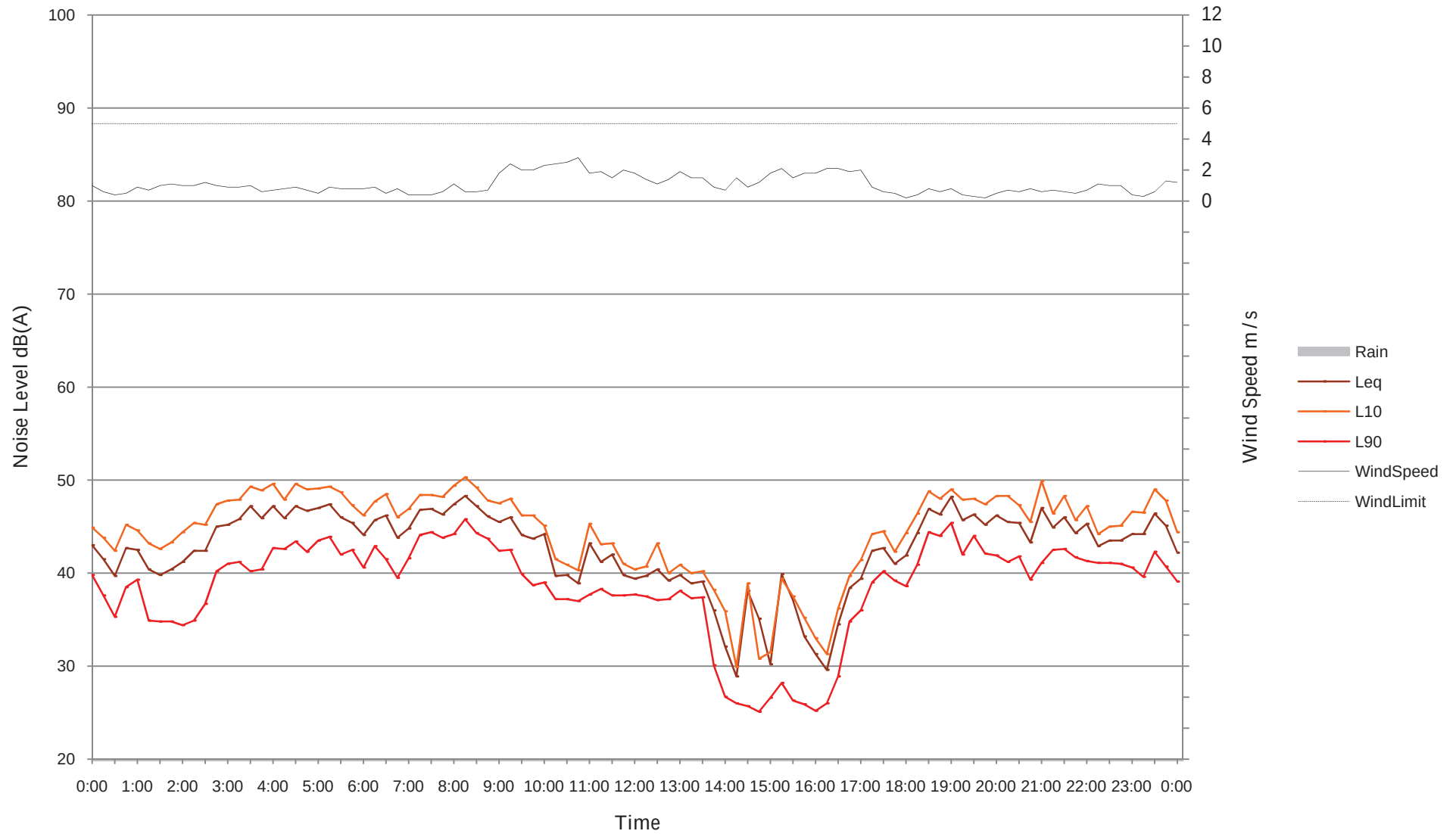
Measured Ambient Noise Levels
BG9 - Autumn 2015
Monday, 01-06-15



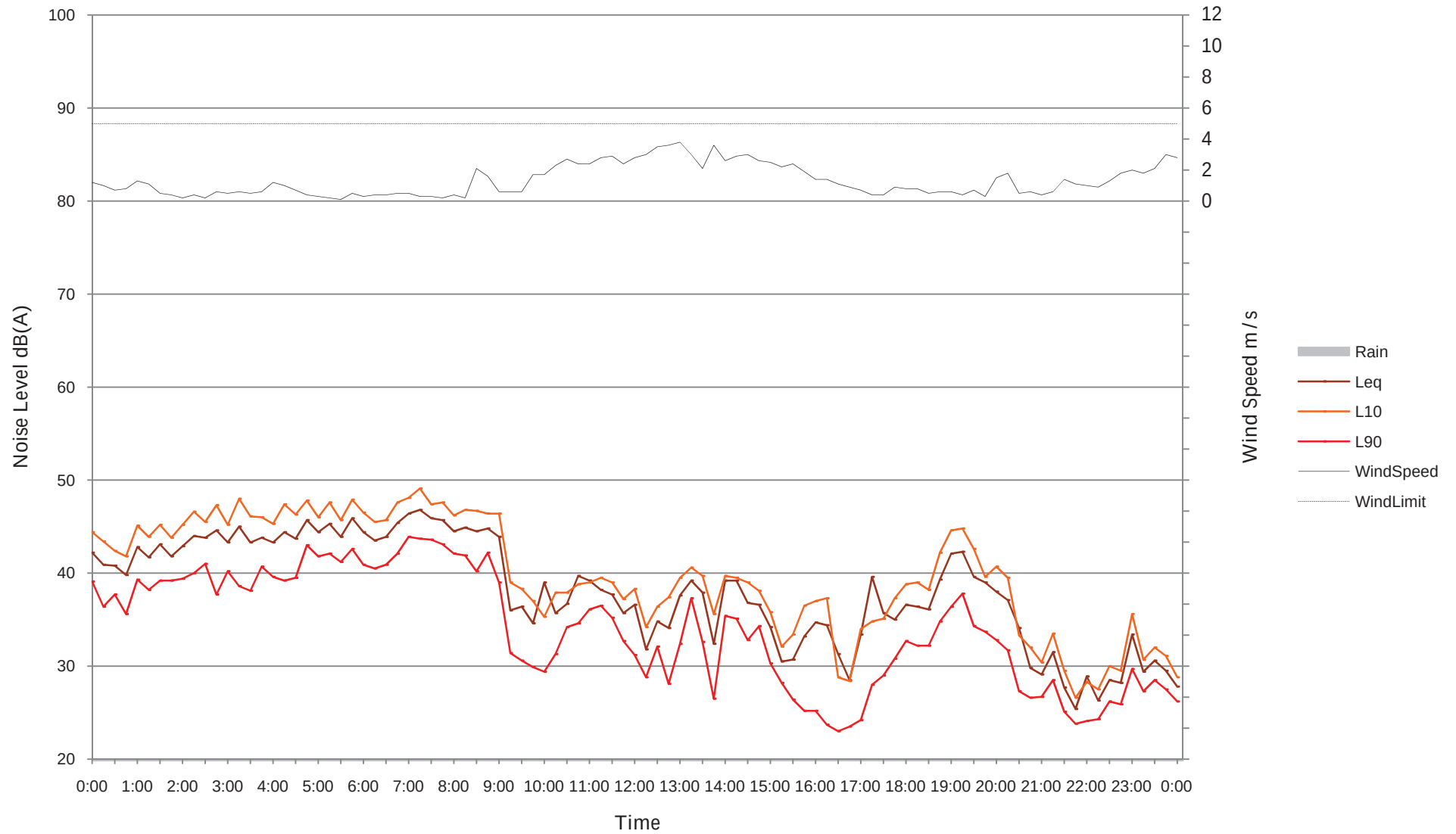
Measured Ambient Noise Levels
BG9 - Autumn 2015
Tuesday, 02-06-15



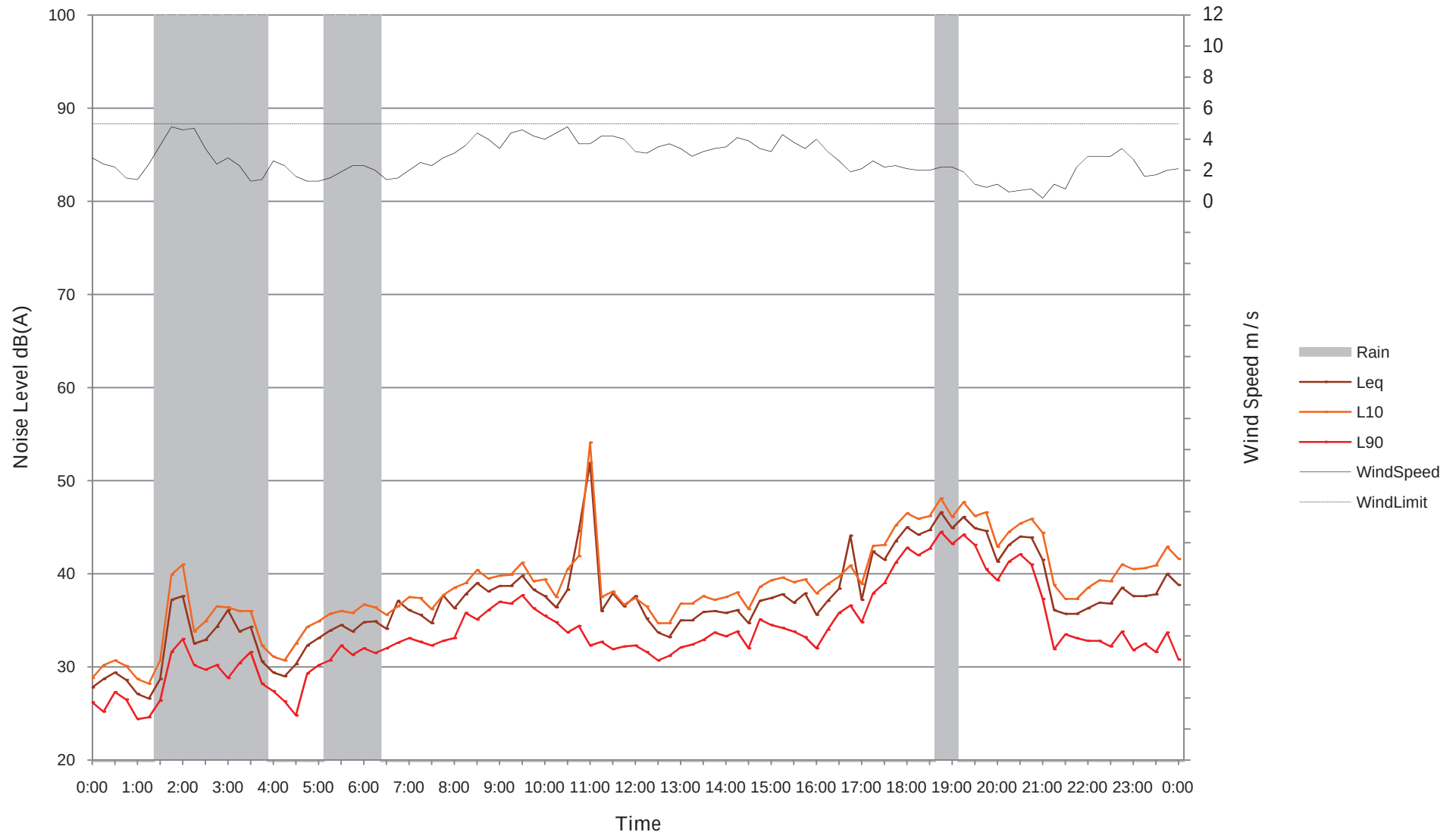
Measured Ambient Noise Levels
BG9 - Autumn 2015
Wednesday, 03-06-15



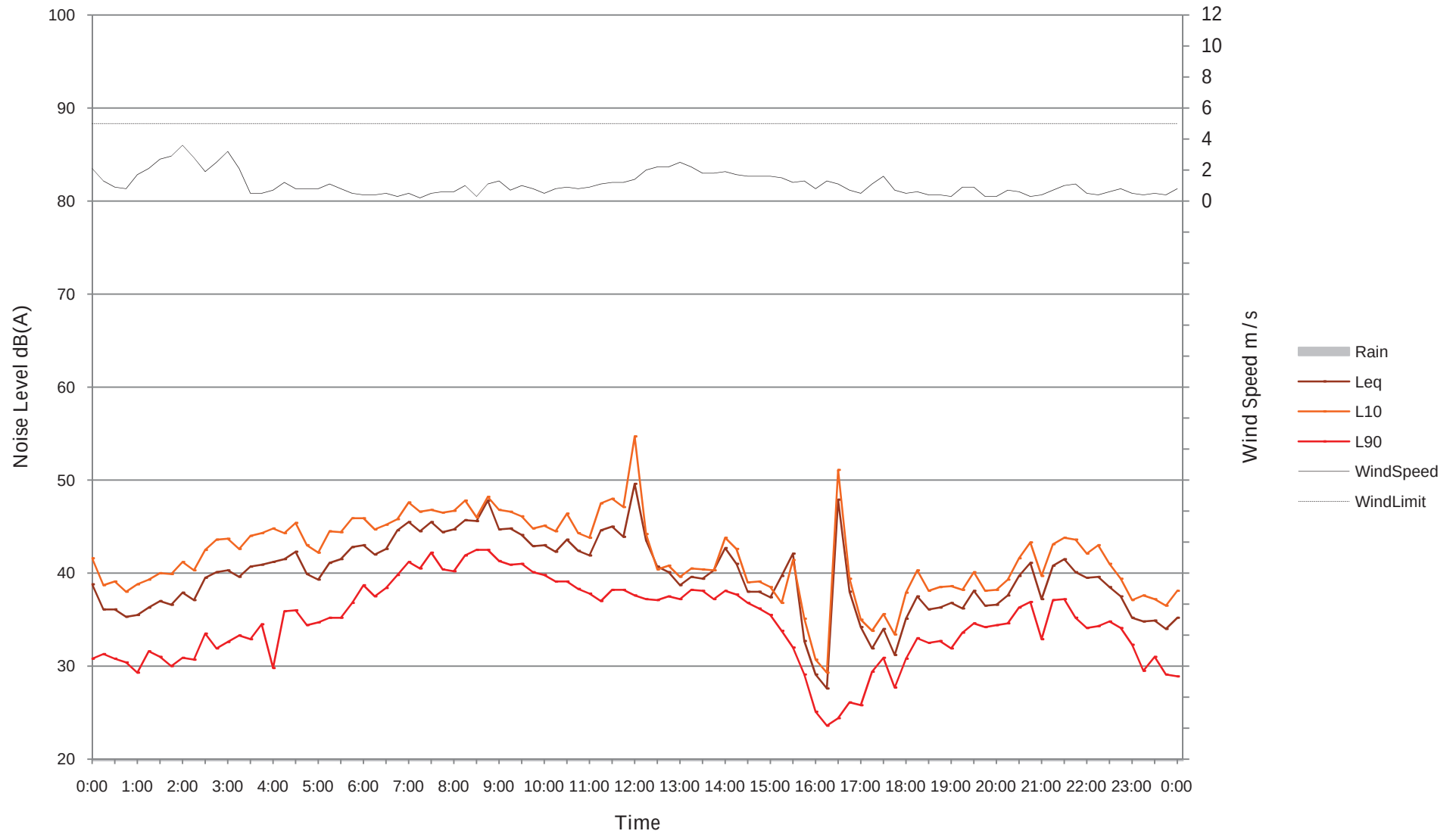
Measured Ambient Noise Levels
BG9 - Autumn 2015
Thursday, 04-06-15



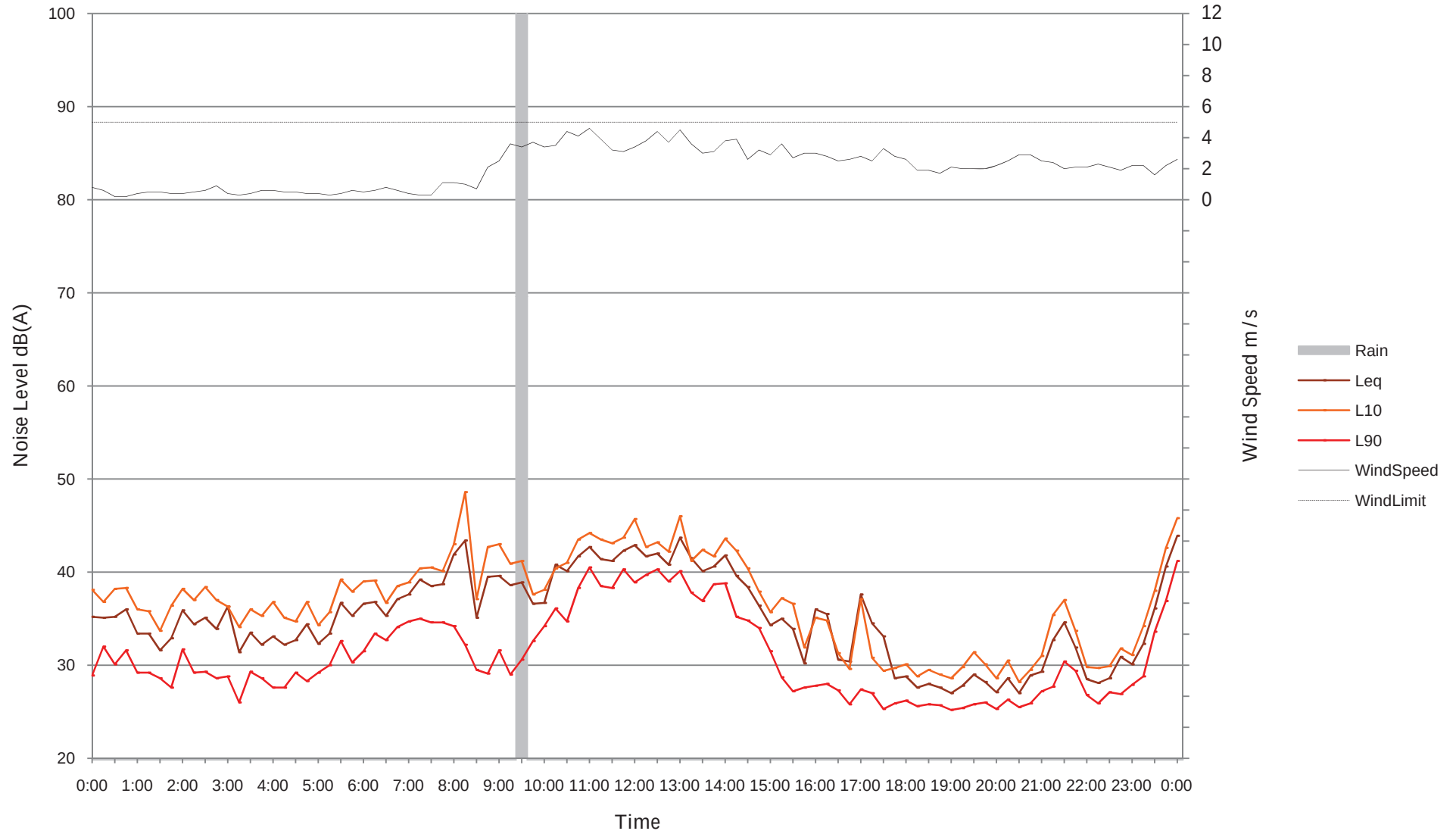
Measured Ambient Noise Levels
BG9 - Autumn 2015
Friday, 05-06-15



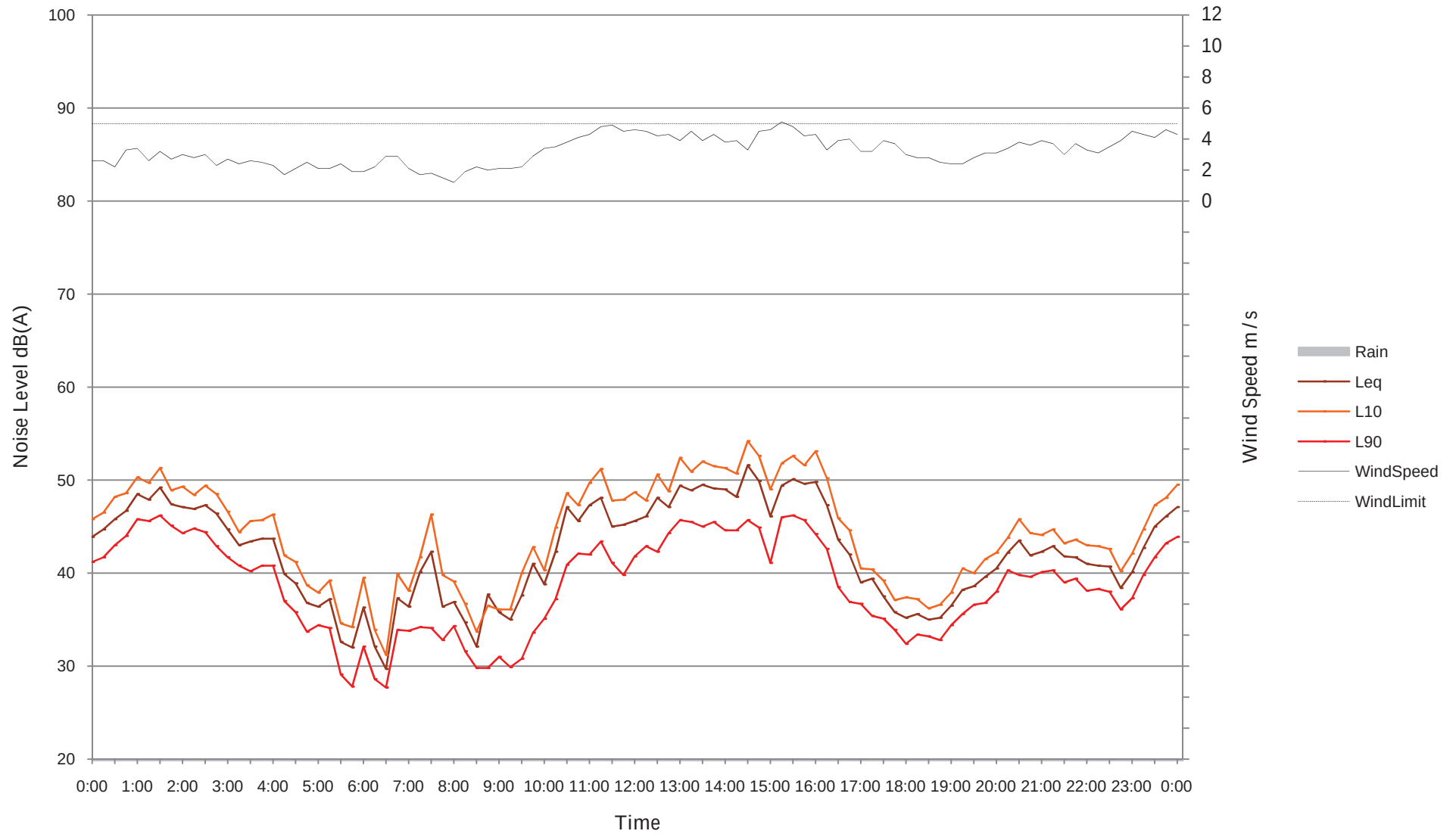
Measured Ambient Noise Levels
BG9 - Autumn 2015
Saturday, 06-06-15



Measured Ambient Noise Levels
BG9 - Autumn 2015
Sunday, 07-06-15



Measured Ambient Noise Levels
BG9 - Autumn 2015
Monday, 08-06-15



Measured Ambient Noise Levels
BG9 - Autumn 2015
Tuesday, 09-06-15

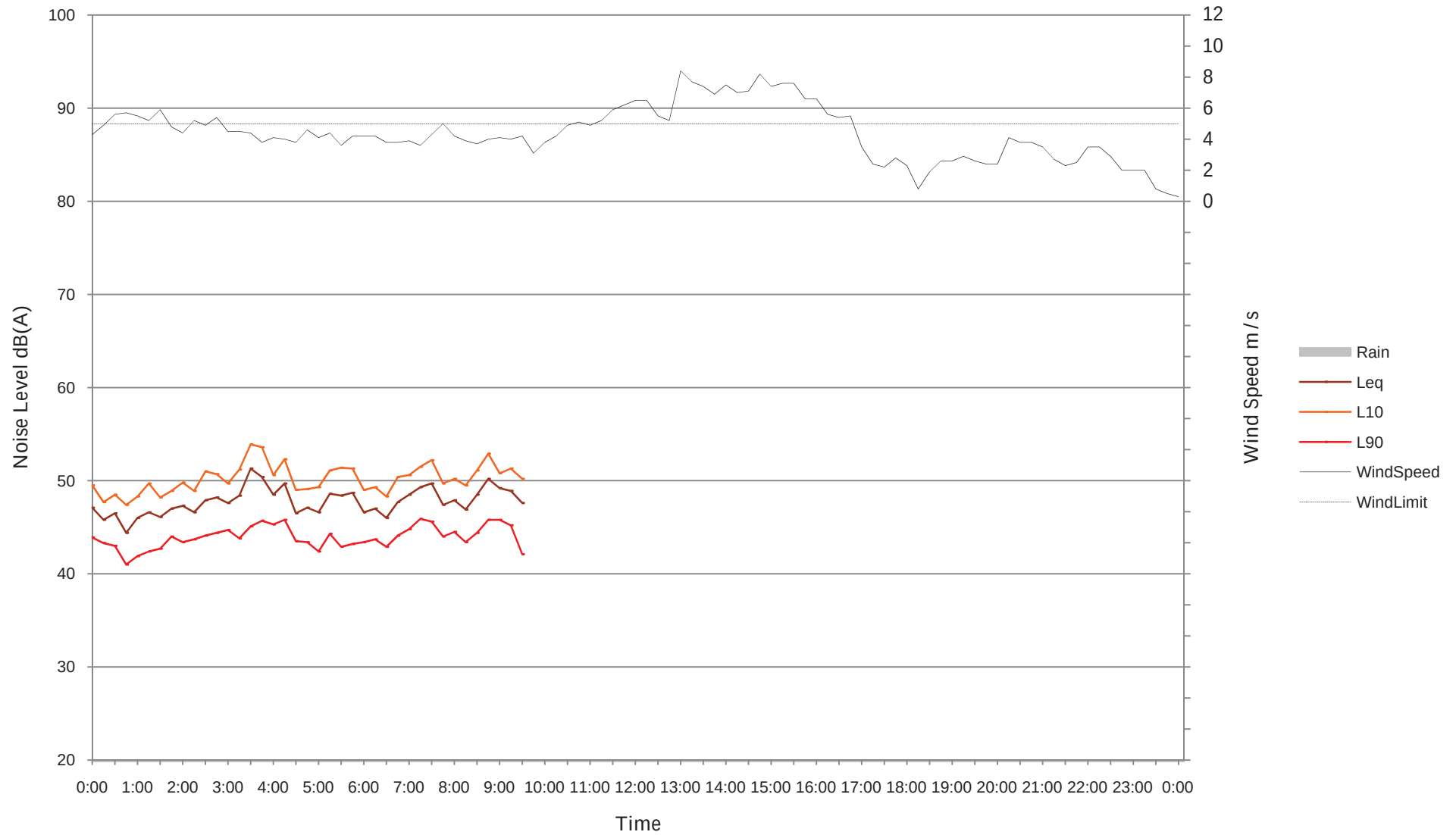


Table B.10 **BG10 background noise monitoring summary**

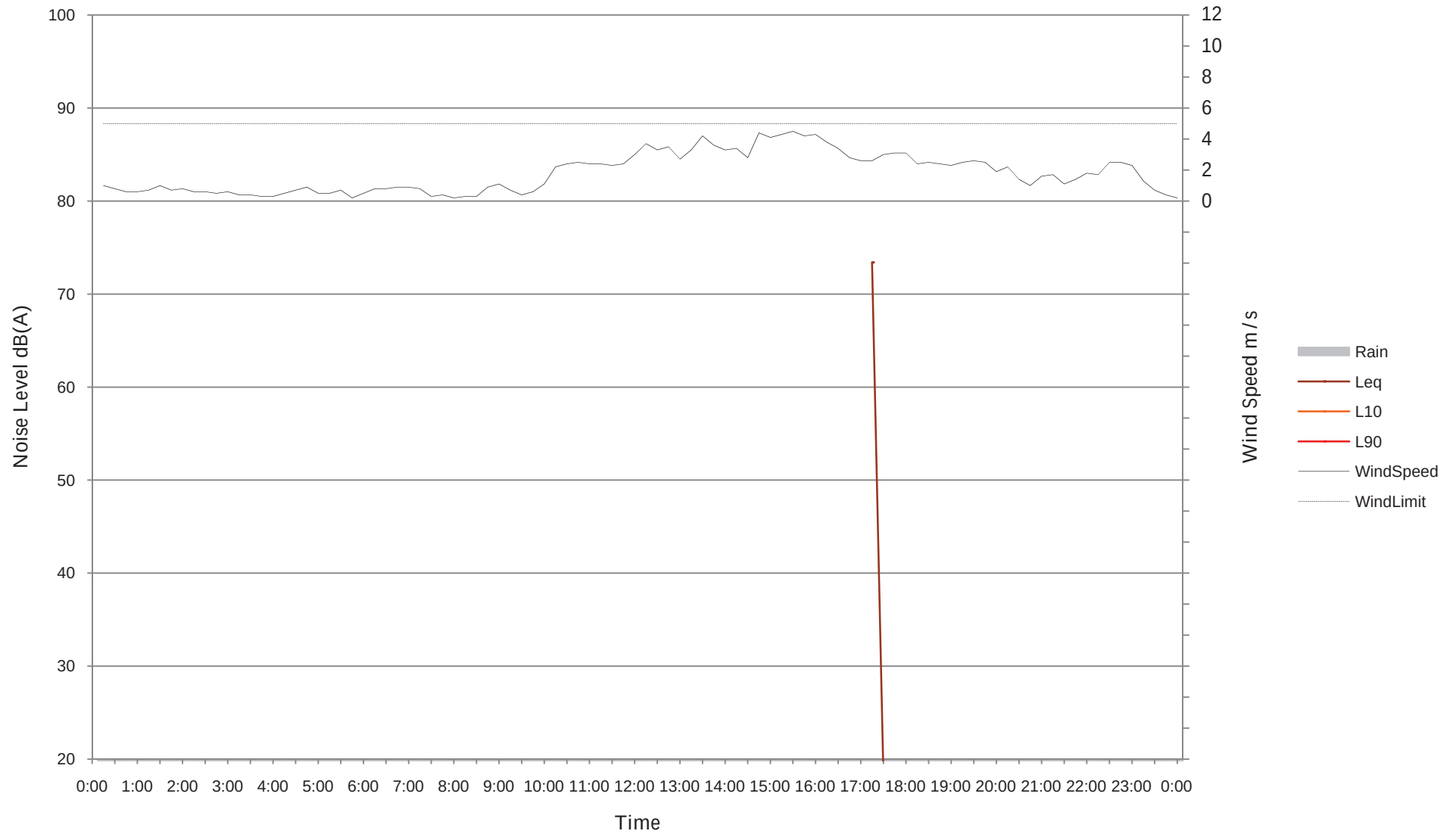
Date	ABL Day ²	ABL Evening ²	ABL Night ²
Spring 2014			
Monday, 30-04-12	0	18	18
Tuesday, 01-05-12	18	38	37
Wednesday, 02-05-12	0	30	25
Thursday, 03-05-12	34	30	28
Friday, 04-05-12	38	36	33
Saturday, 05-05-12	36	27	23
Sunday, 06-05-12	30	29	26
Monday, 07-05-12	32	27	28
Tuesday, 08-05-12	29	27	25
Wednesday, 09-05-12	32	0	0
Rating Background Level (RBL)¹	32	30 (29)³	30 (26)³

Notes: 1. Adopted RBL shown in grey shading.

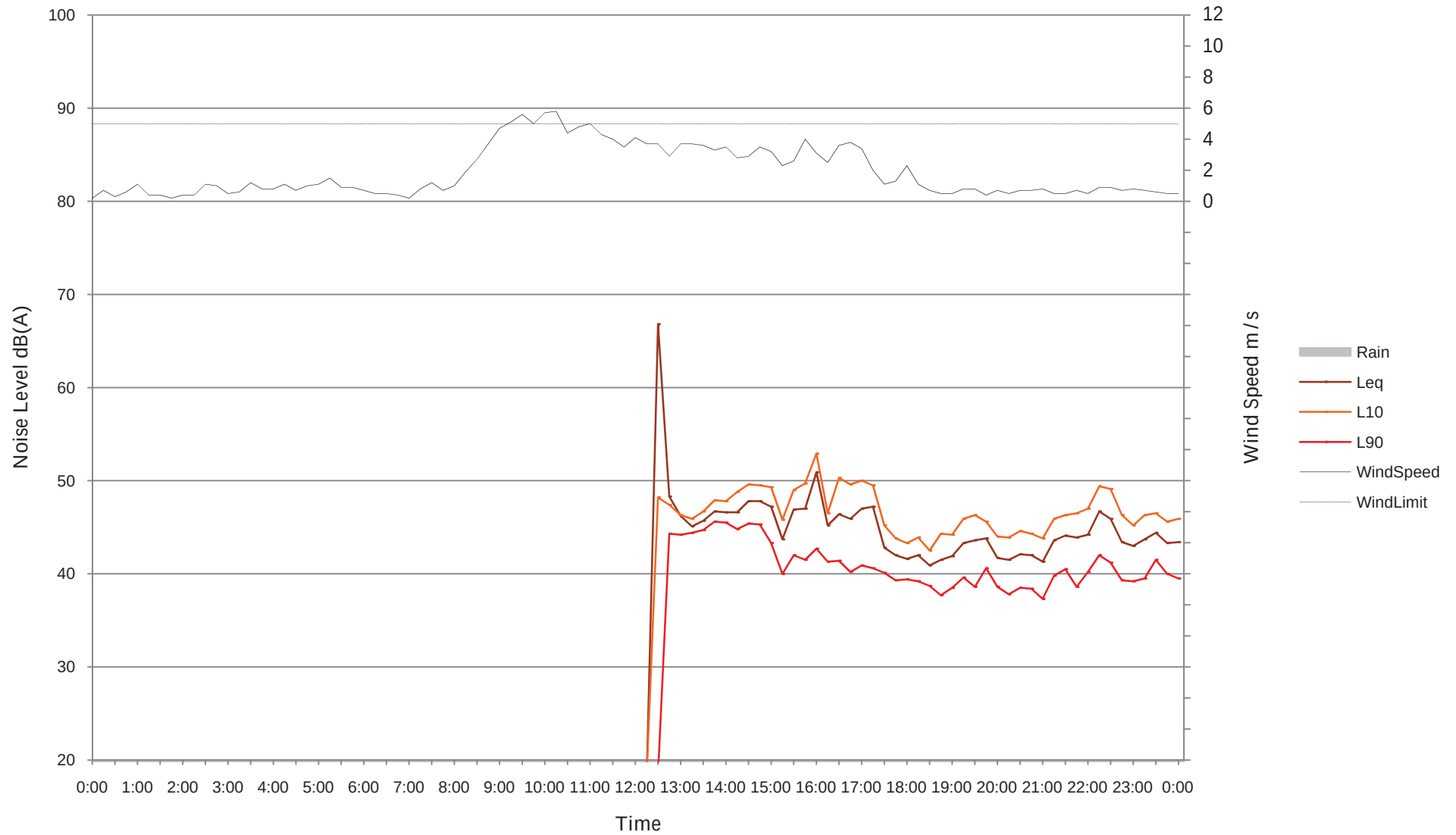
2. A "0" indicates insufficient data samples due to adverse weather or other extraneous effects.

3. Minimum 30 dB RBL adopted where recorded RBL is less than 30 dB.

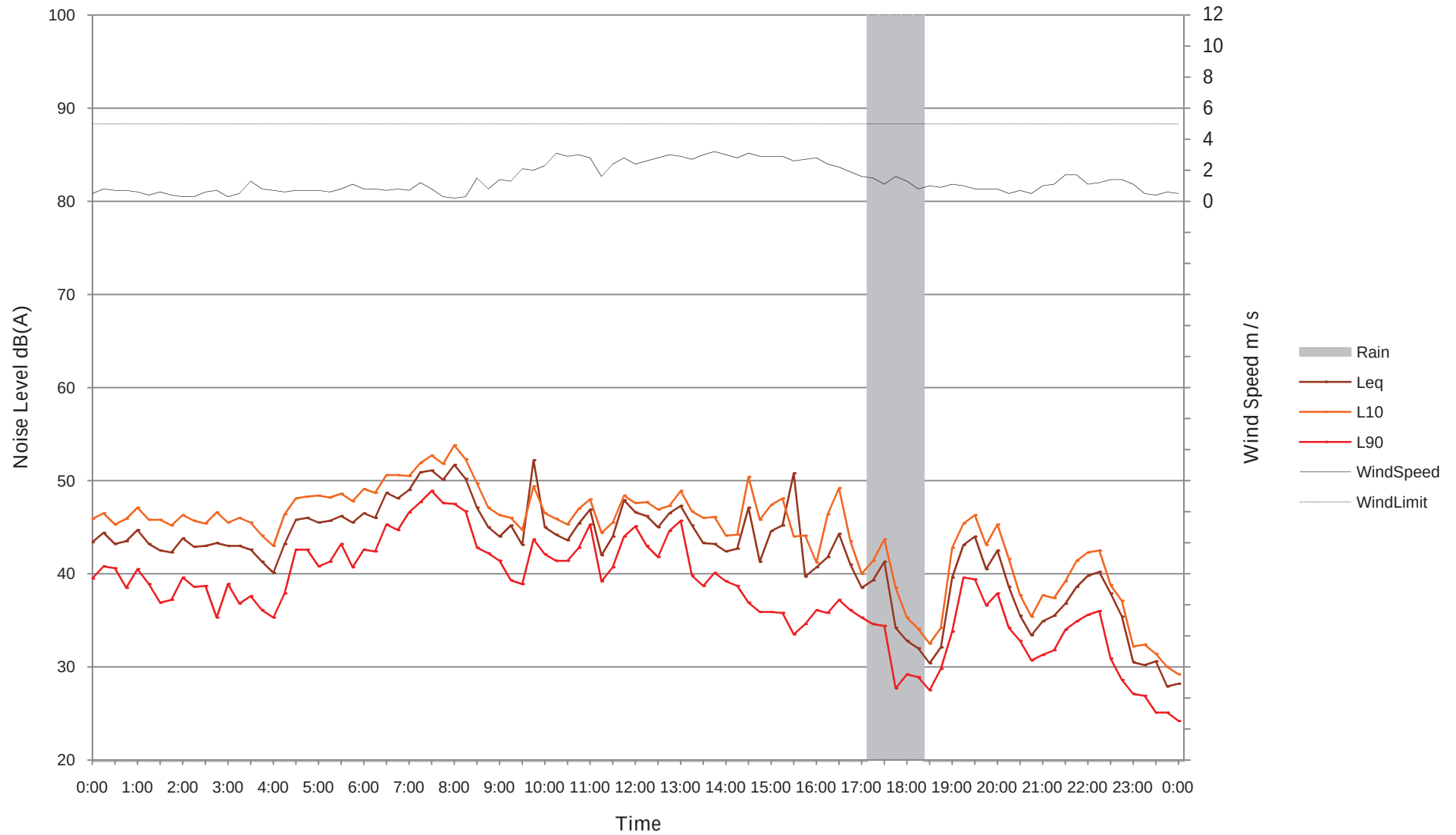
Measured Ambient Noise Levels
BG10 - Autumn 2012
Monday, 30-04-12



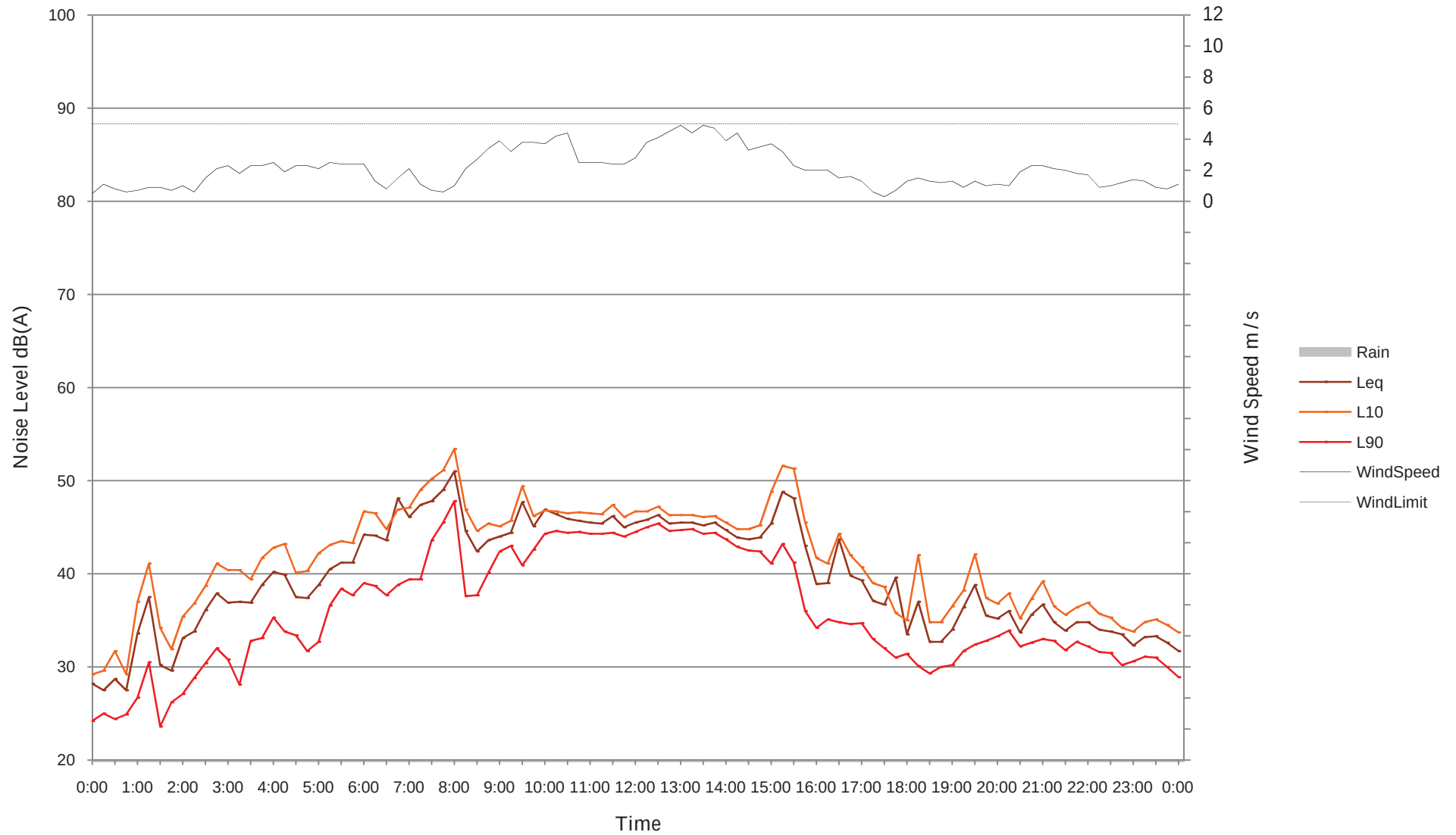
Measured Ambient Noise Levels
BG10 - Autumn 2012
Tuesday, 01-05-12



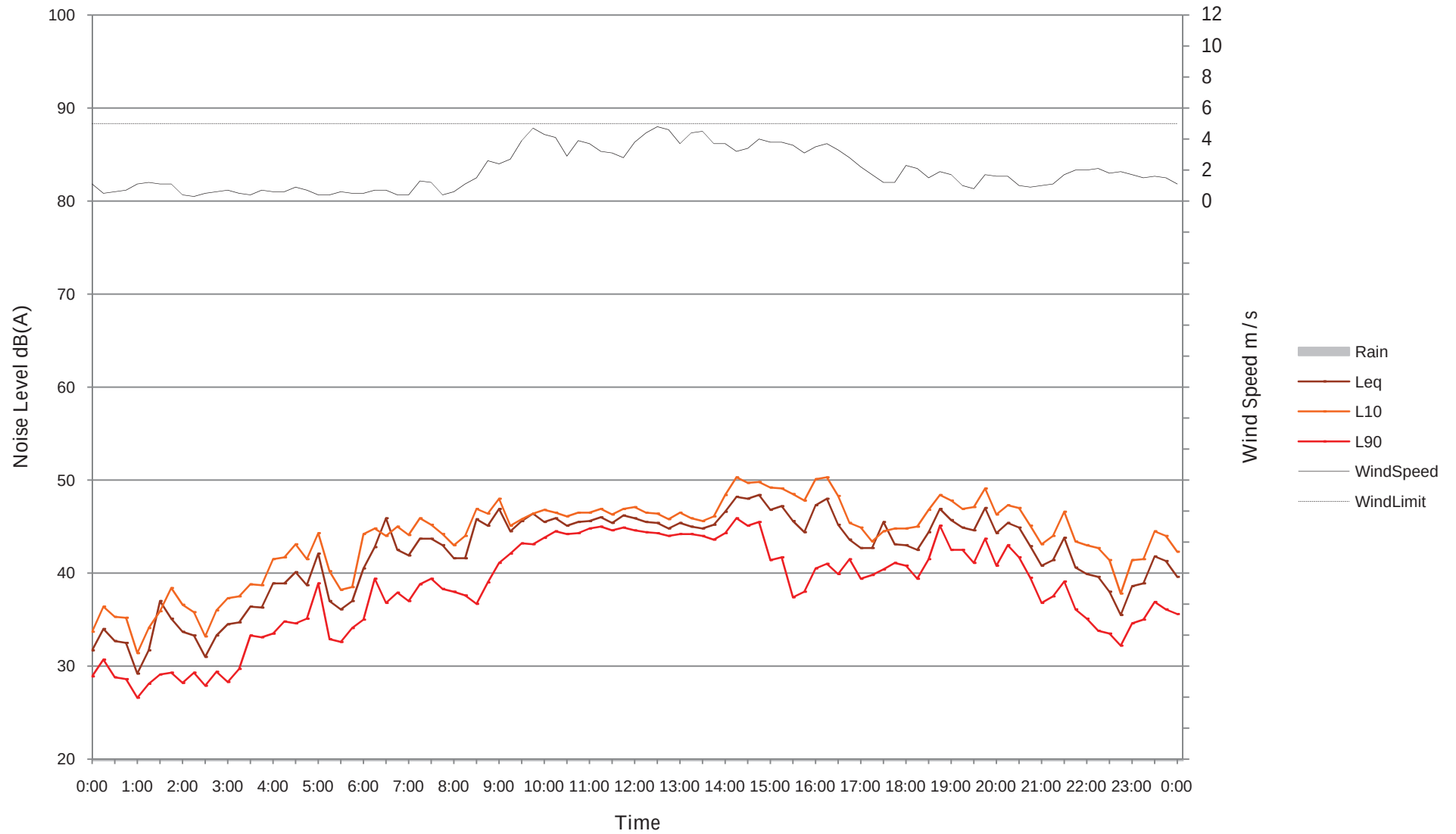
Measured Ambient Noise Levels
BG10 - Autumn 2012
Wednesday, 02-05-12



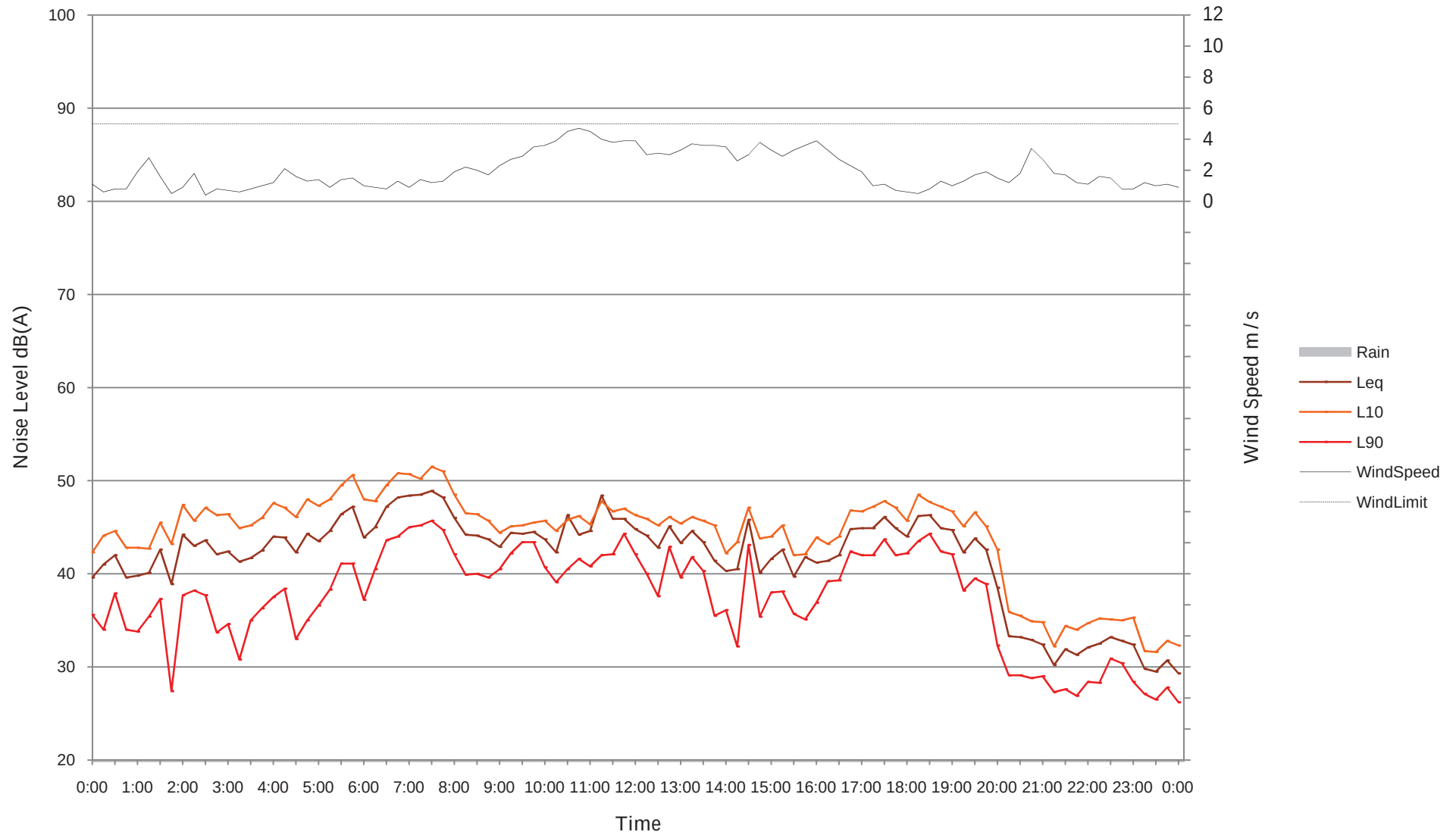
Measured Ambient Noise Levels
BG10 - Autumn 2012
Thursday, 03-05-12



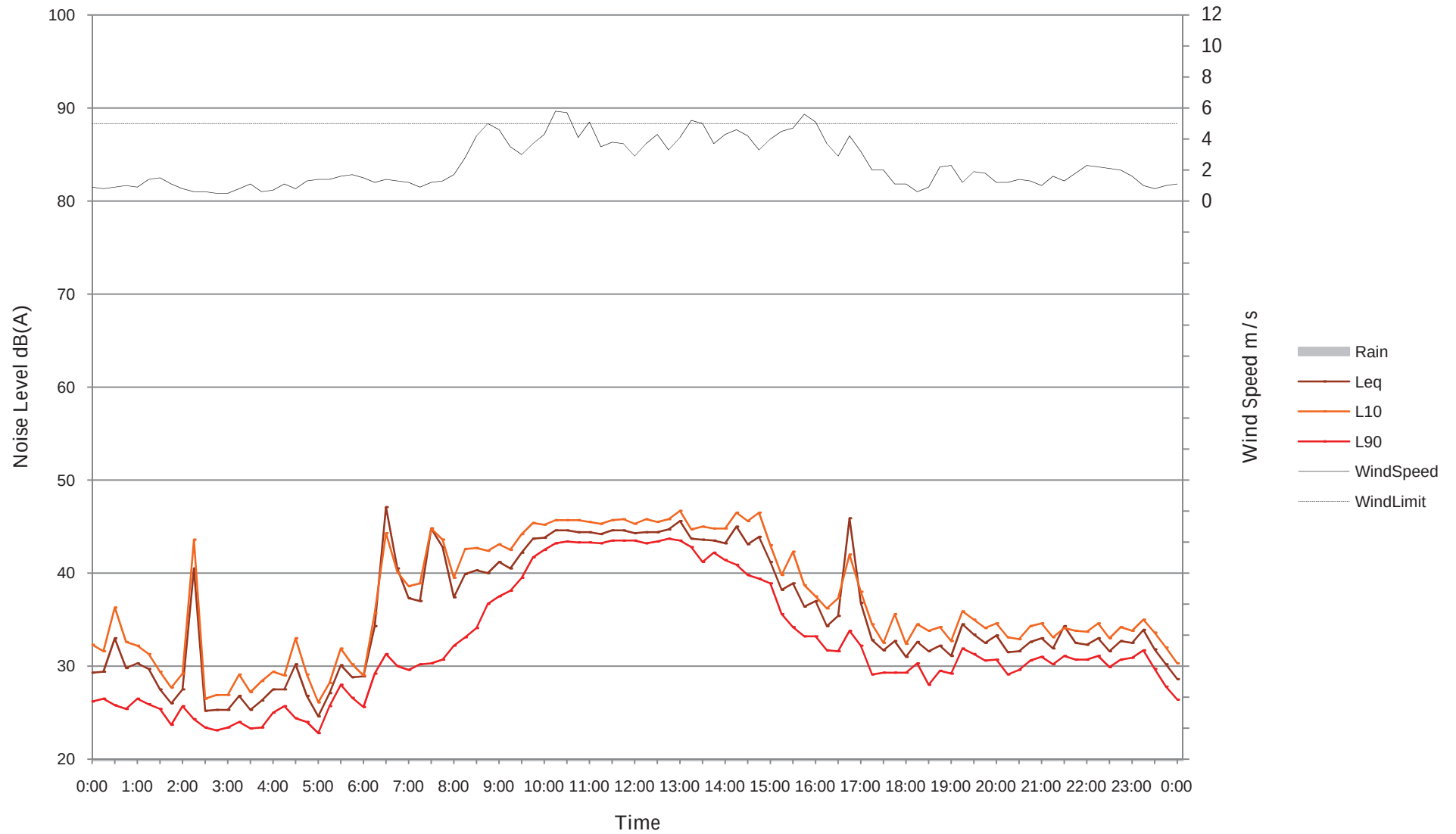
Measured Ambient Noise Levels
BG10 - Autumn 2012
Friday, 04-05-12



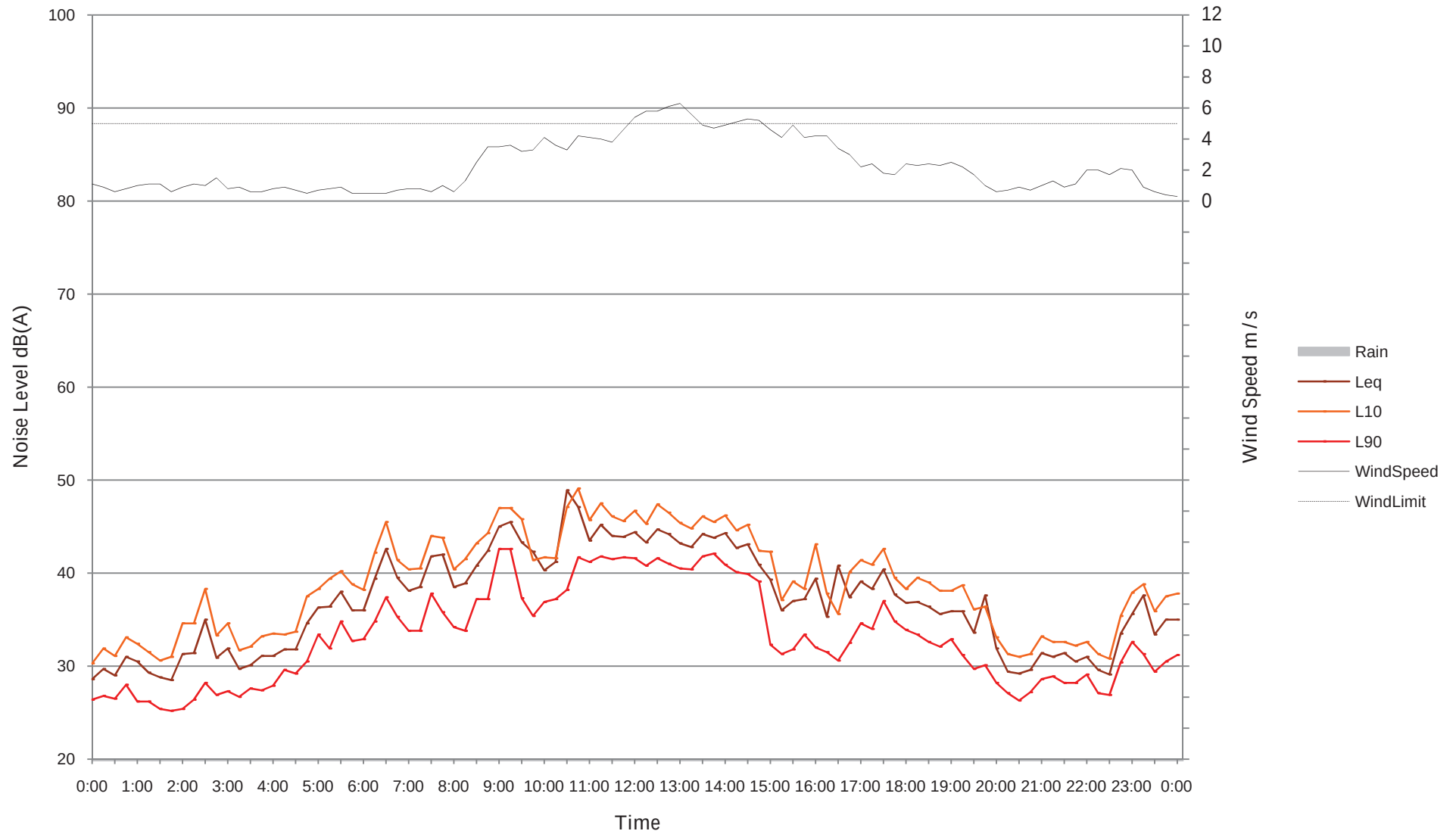
Measured Ambient Noise Levels
BG10 - Autumn 2012
Saturday, 05-05-12



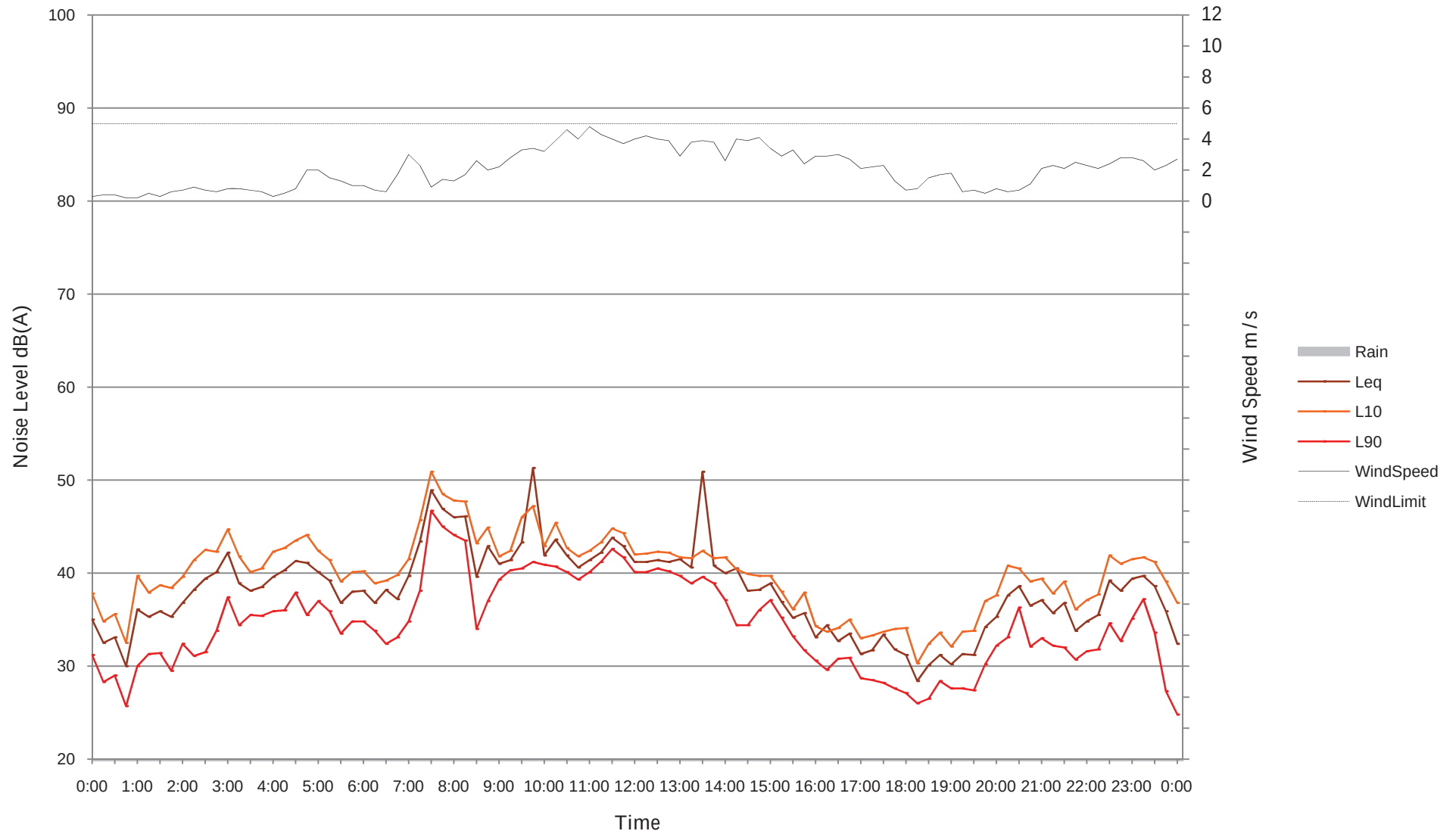
Measured Ambient Noise Levels
BG10 - Autumn 2012
Sunday, 06-05-12



Measured Ambient Noise Levels
BG10 - Autumn 2012
Monday, 07-05-12



Measured Ambient Noise Levels
BG10 - Autumn 2012
Tuesday, 08-05-12



Measured Ambient Noise Levels
BG10 - Autumn 2012
Wednesday, 09-05-12

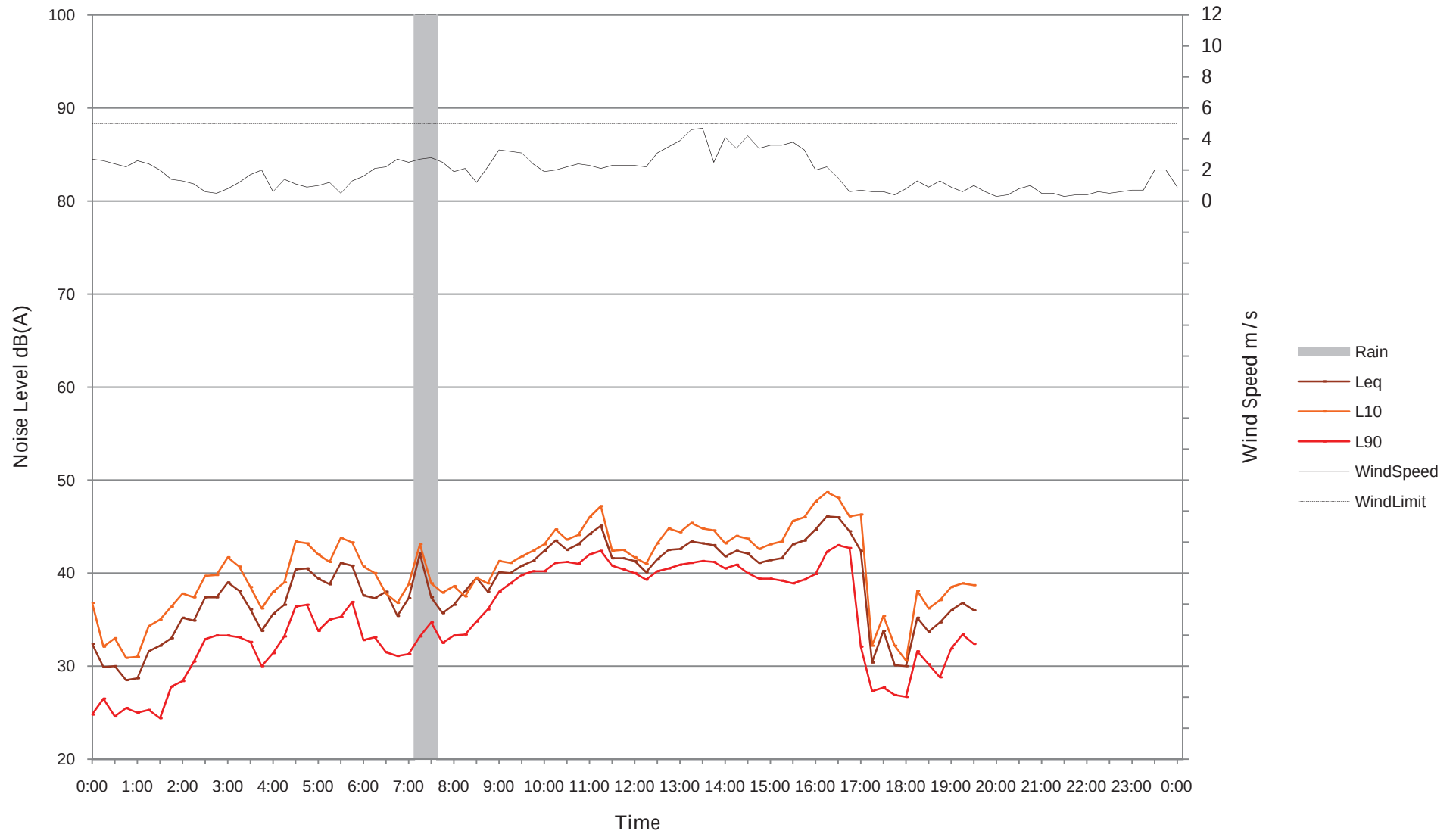


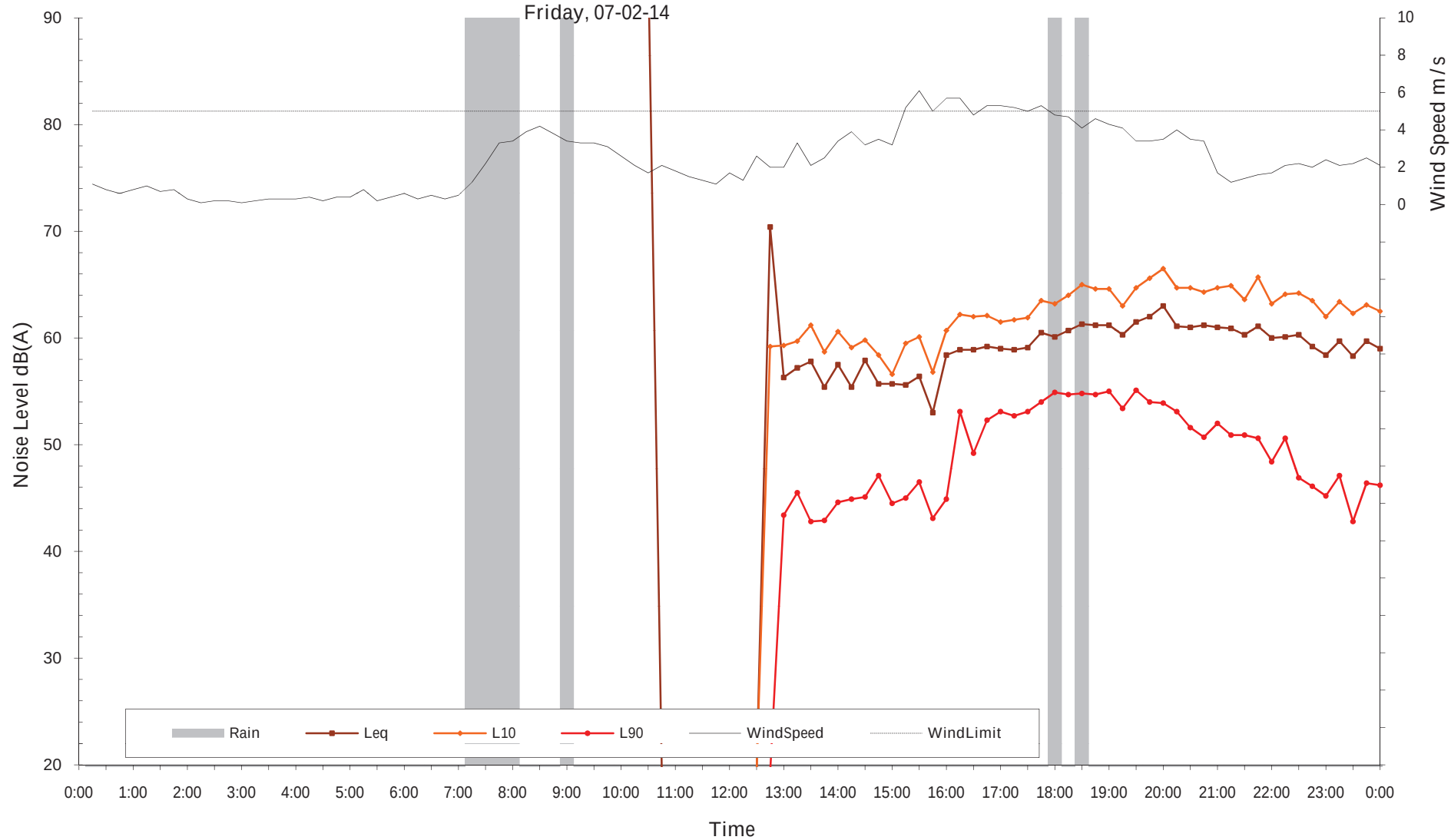
Table B.11 **BG11 background noise monitoring summary**

Date	ABL Day ²	ABL Evening ²	ABL Night ²
Spring 2014			
Friday, 07-02-14	0	51	36
Saturday, 08-02-14	45	43	30
Sunday, 09-02-14	42	51	43
Monday, 10-02-14	43	44	39
Tuesday, 11-02-14	45	47	42
Wednesday, 12-02-14	48	48	43
Thursday, 13-02-14	50	0	0
Friday, 14-02-14	50	53	0
Saturday, 15-02-14	0	0	0
Sunday, 16-02-14	0	0	37
Monday, 17-02-14	45	48	36
Tuesday, 18-02-14	0	0	0
Wednesday, 19-02-14	0	0	0
Rating Background Level (RBL)¹	45	48	38

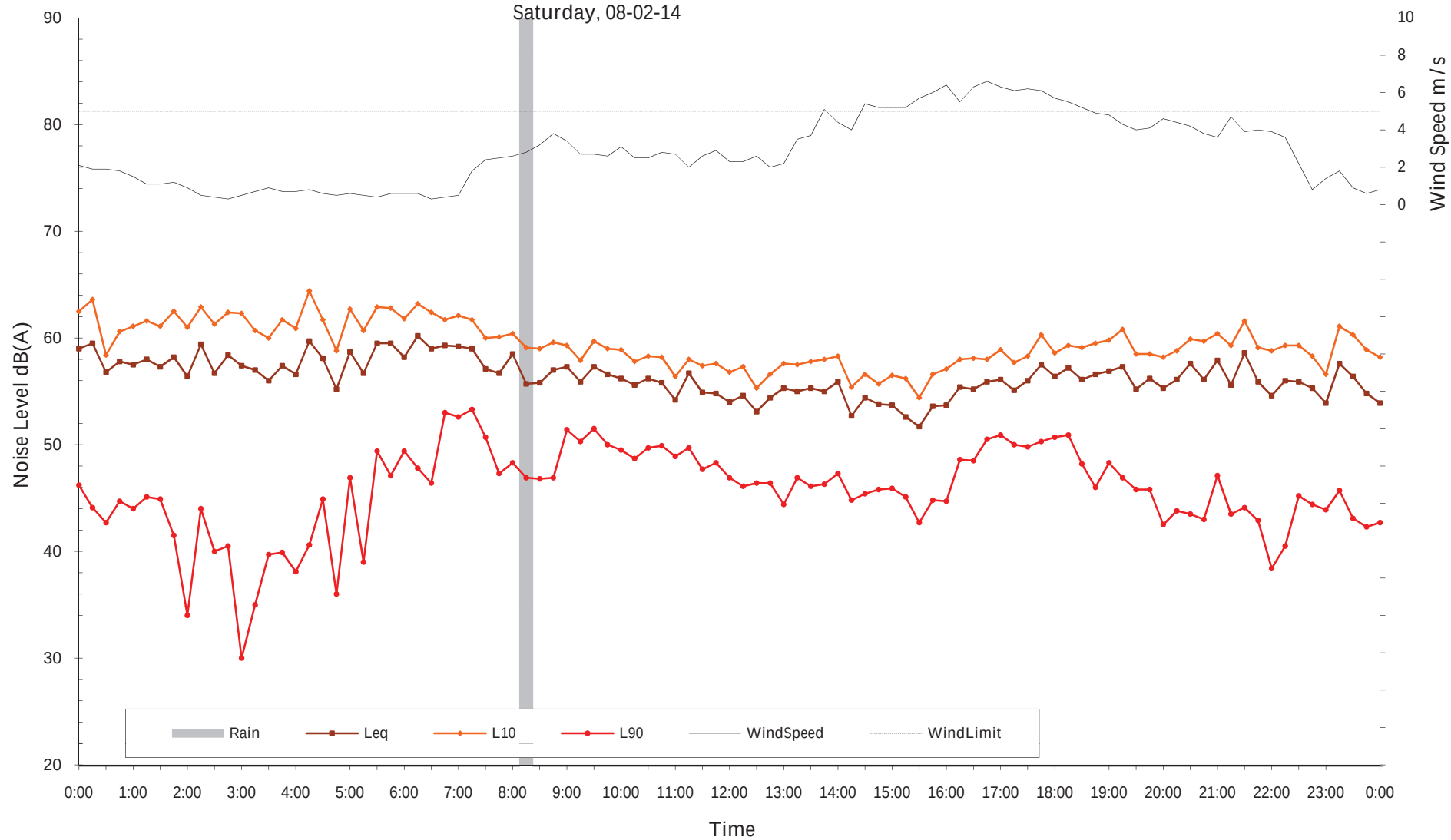
Notes: 1. Adopted RBL shown in grey shading.

 2. A "0" indicates insufficient data samples due to adverse weather or other extraneous effects.

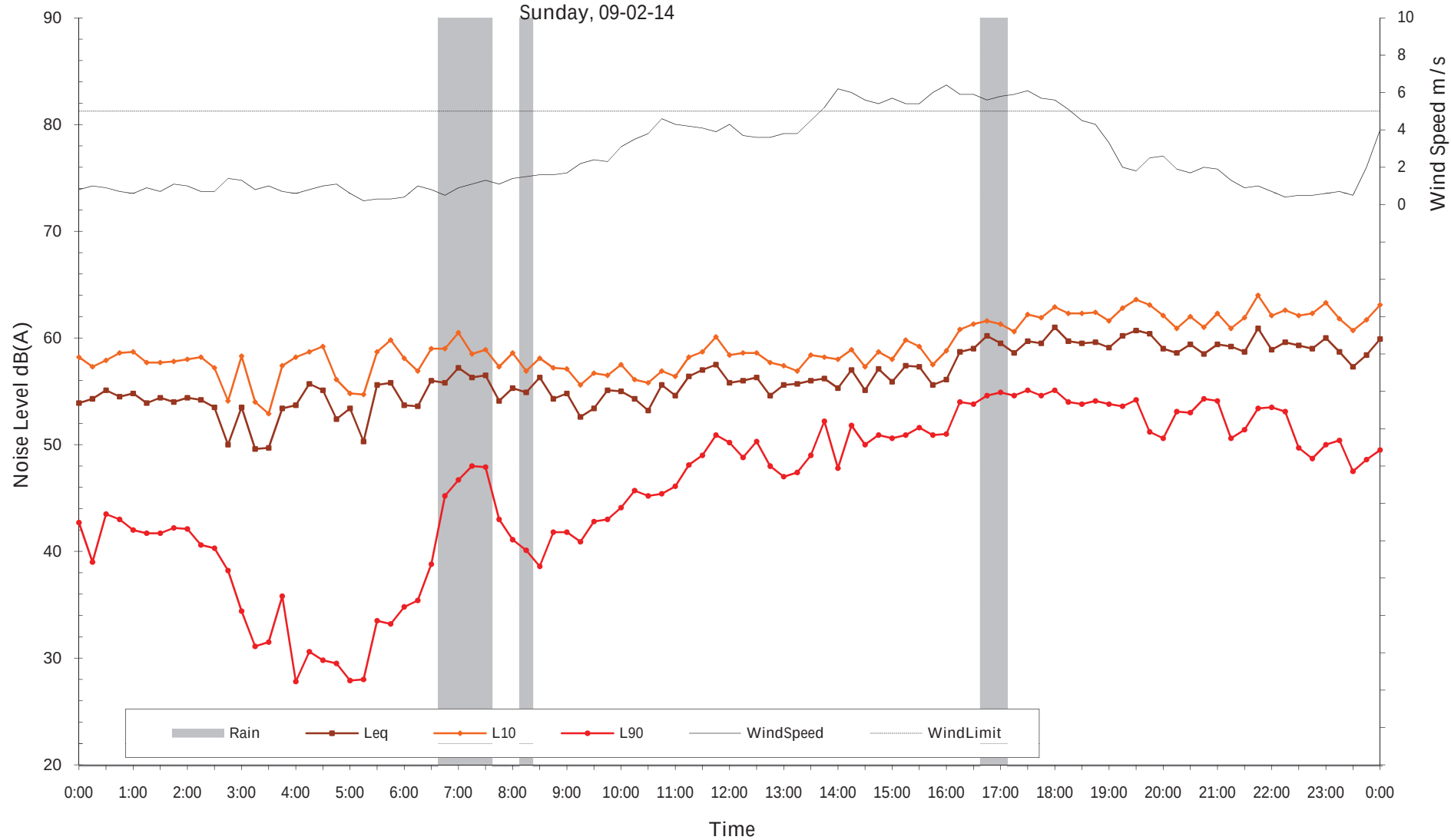
Measured Ambient Noise Levels
BG11 - Summer 2014
Friday, 07-02-14



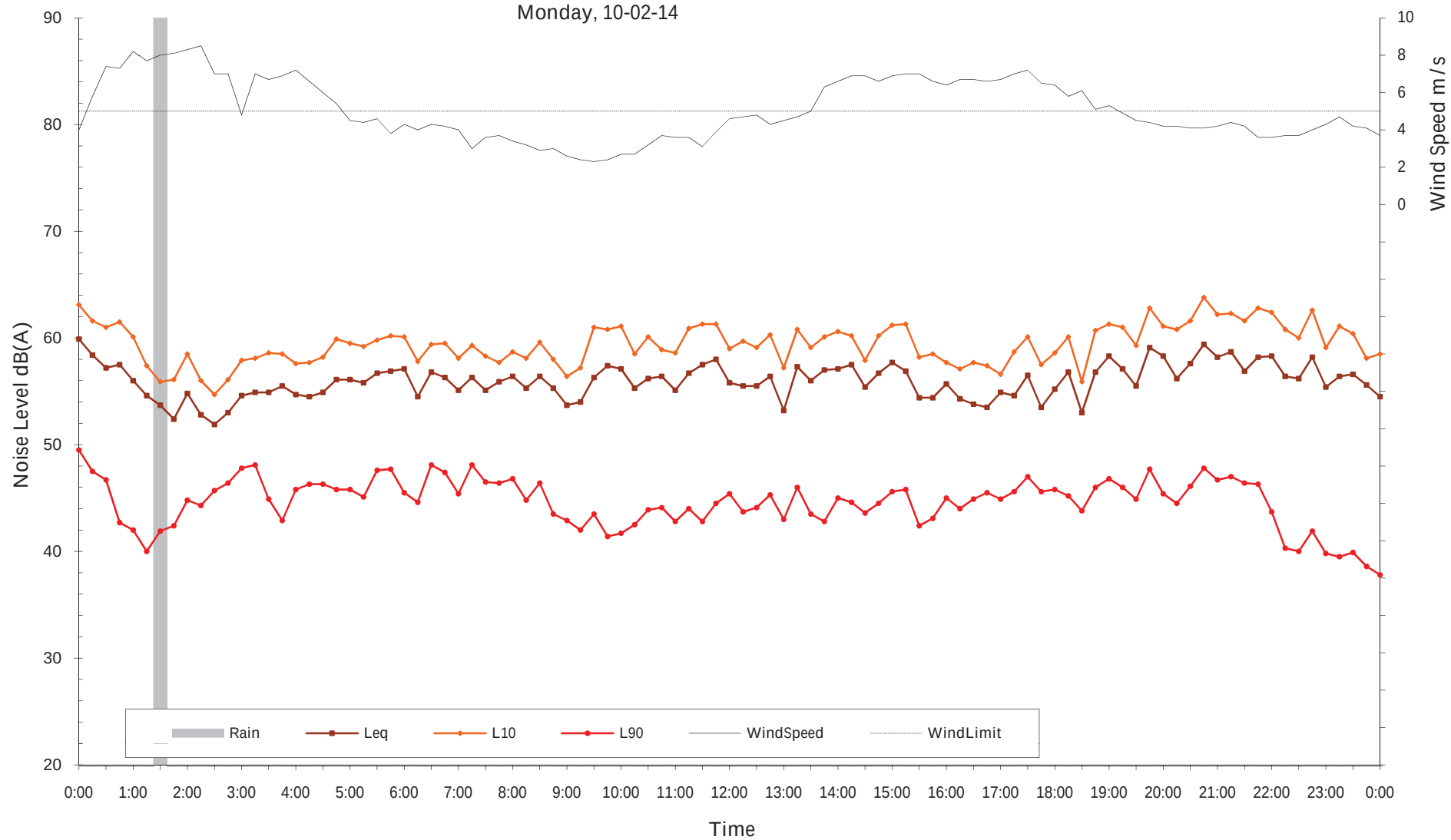
Measured Ambient Noise Levels
BG11 - Summer 2014
Saturday, 08-02-14



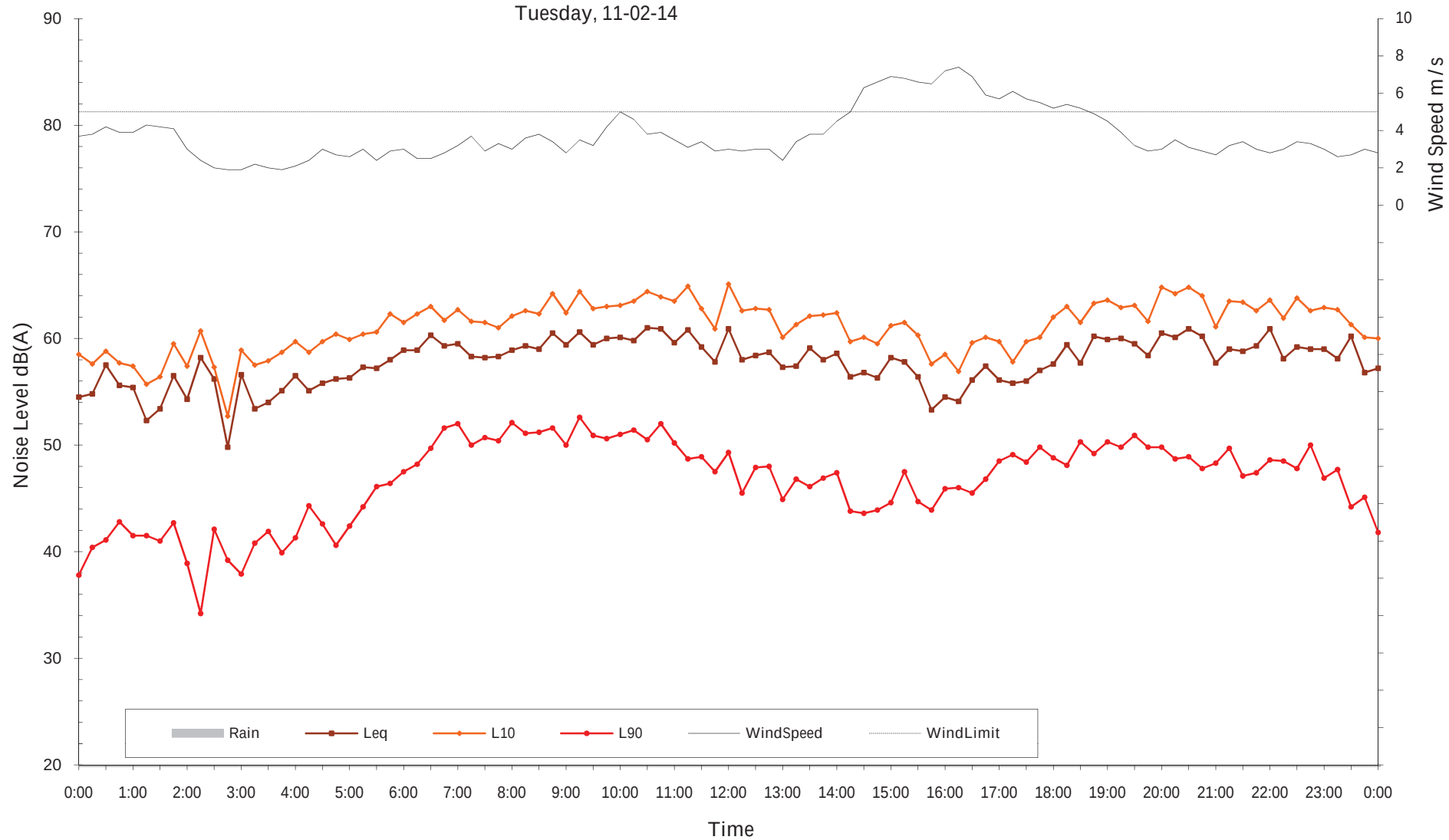
Measured Ambient Noise Levels
BG11 - Summer 2014
Sunday, 09-02-14



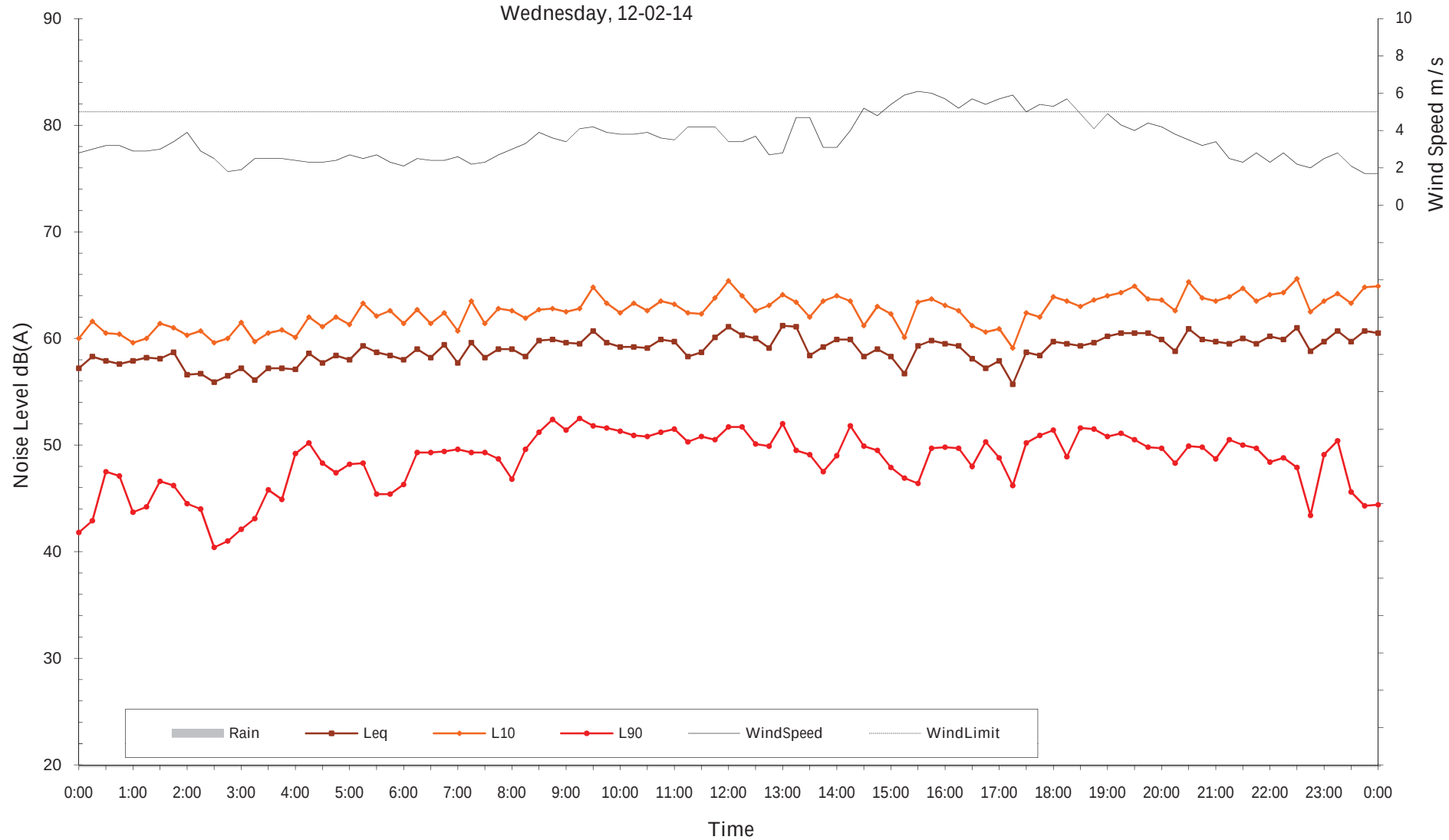
Measured Ambient Noise Levels
BG11 - Summer 2014
Monday, 10-02-14



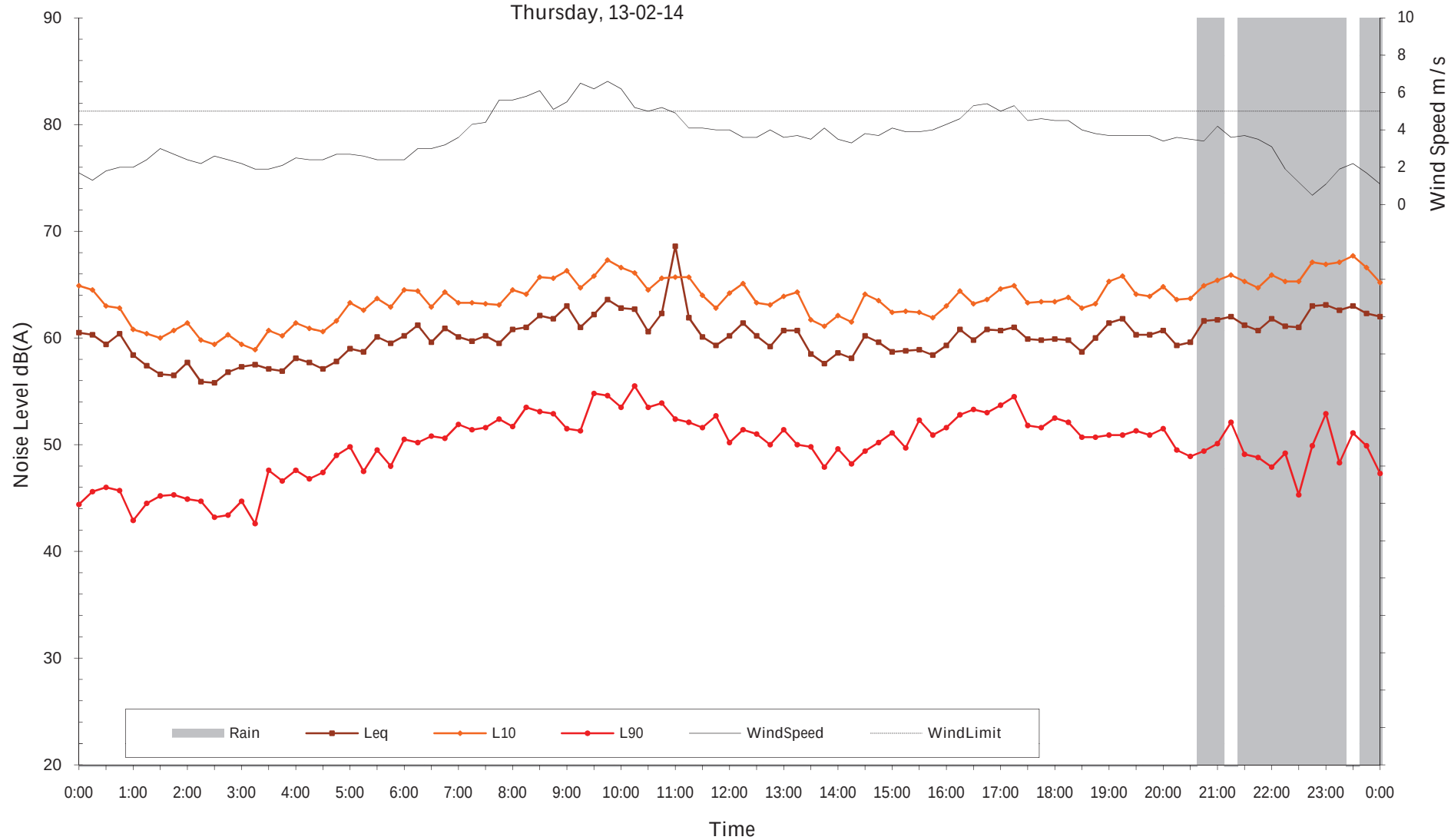
Measured Ambient Noise Levels
BG11 - Summer 2014
Tuesday, 11-02-14



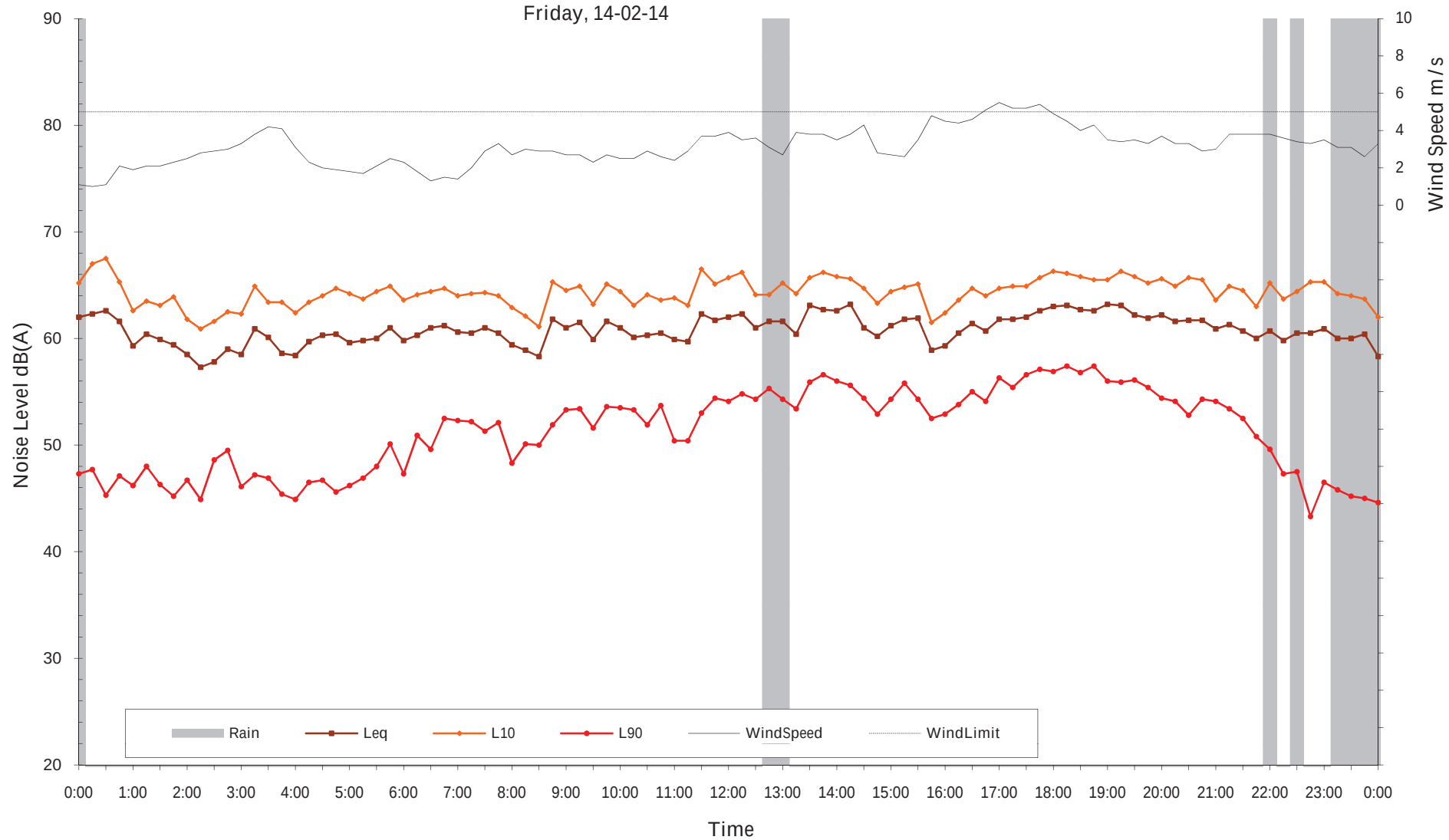
Measured Ambient Noise Levels
BG11 - Summer 2014
Wednesday, 12-02-14



Measured Ambient Noise Levels
BG11 - Summer 2014
Thursday, 13-02-14



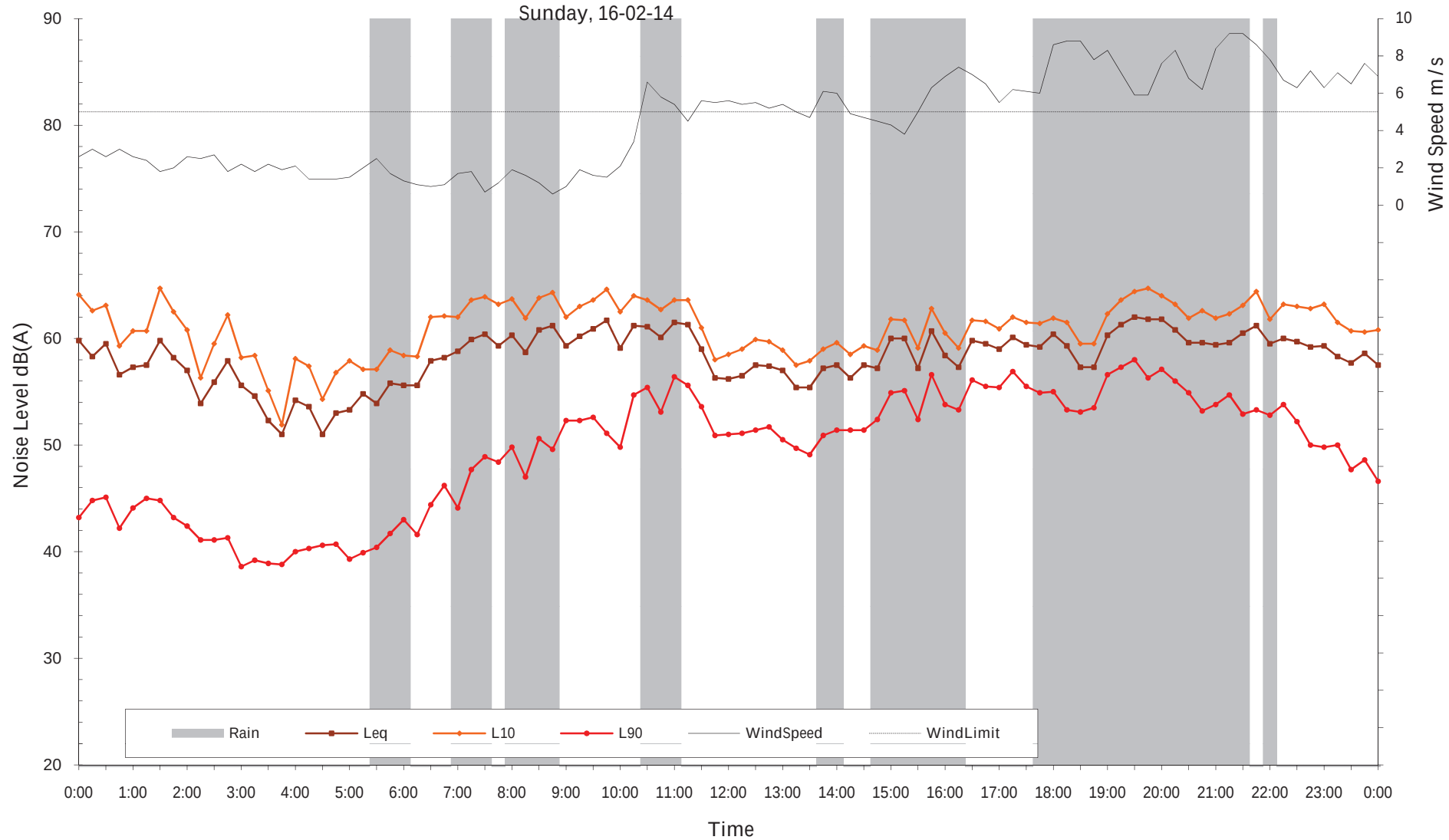
Measured Ambient Noise Levels
BG11 - Summer 2014
Friday, 14-02-14



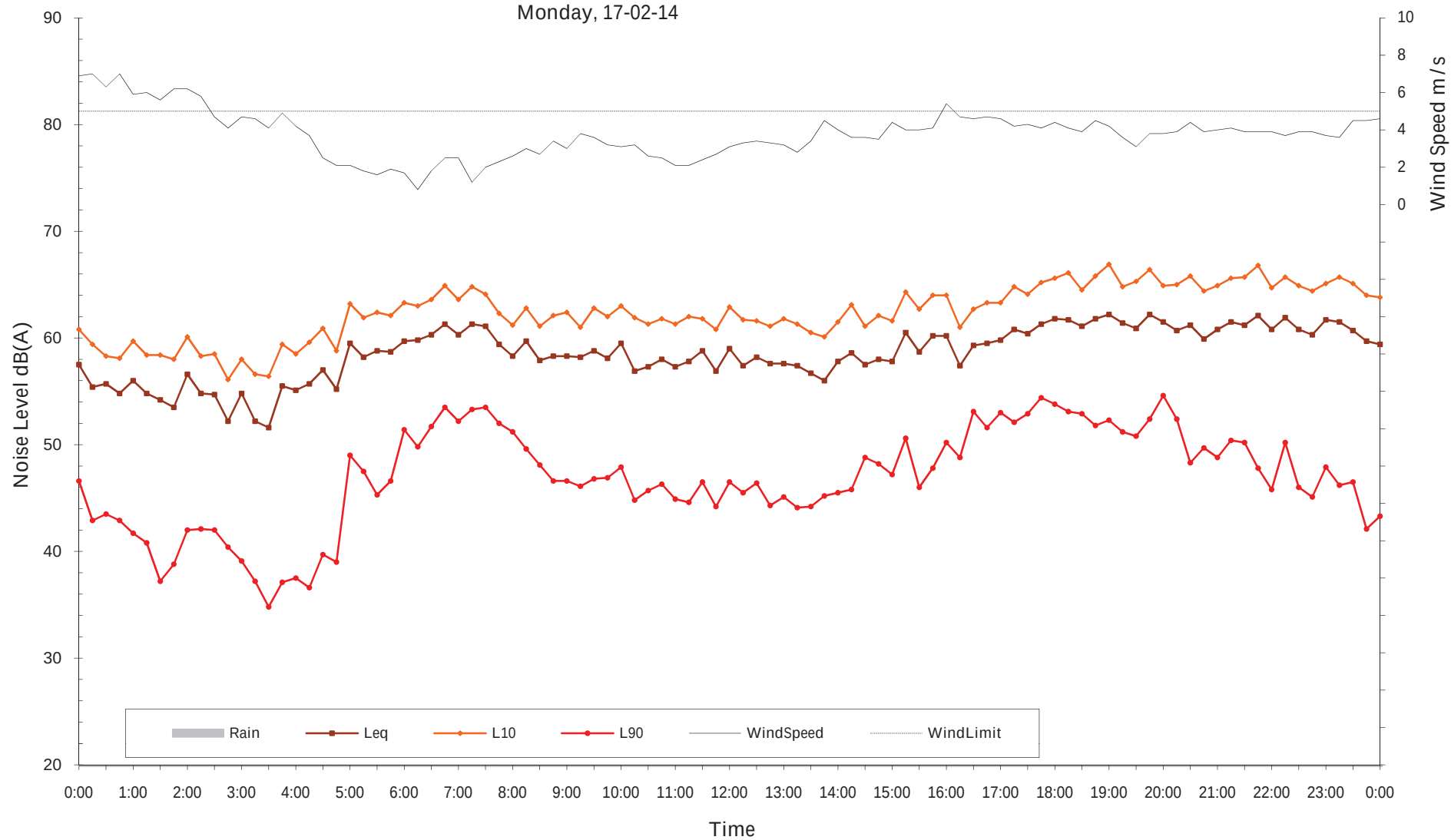
Measured Ambient Noise Levels
BG11 - Summer 2014
Saturday, 15-02-14



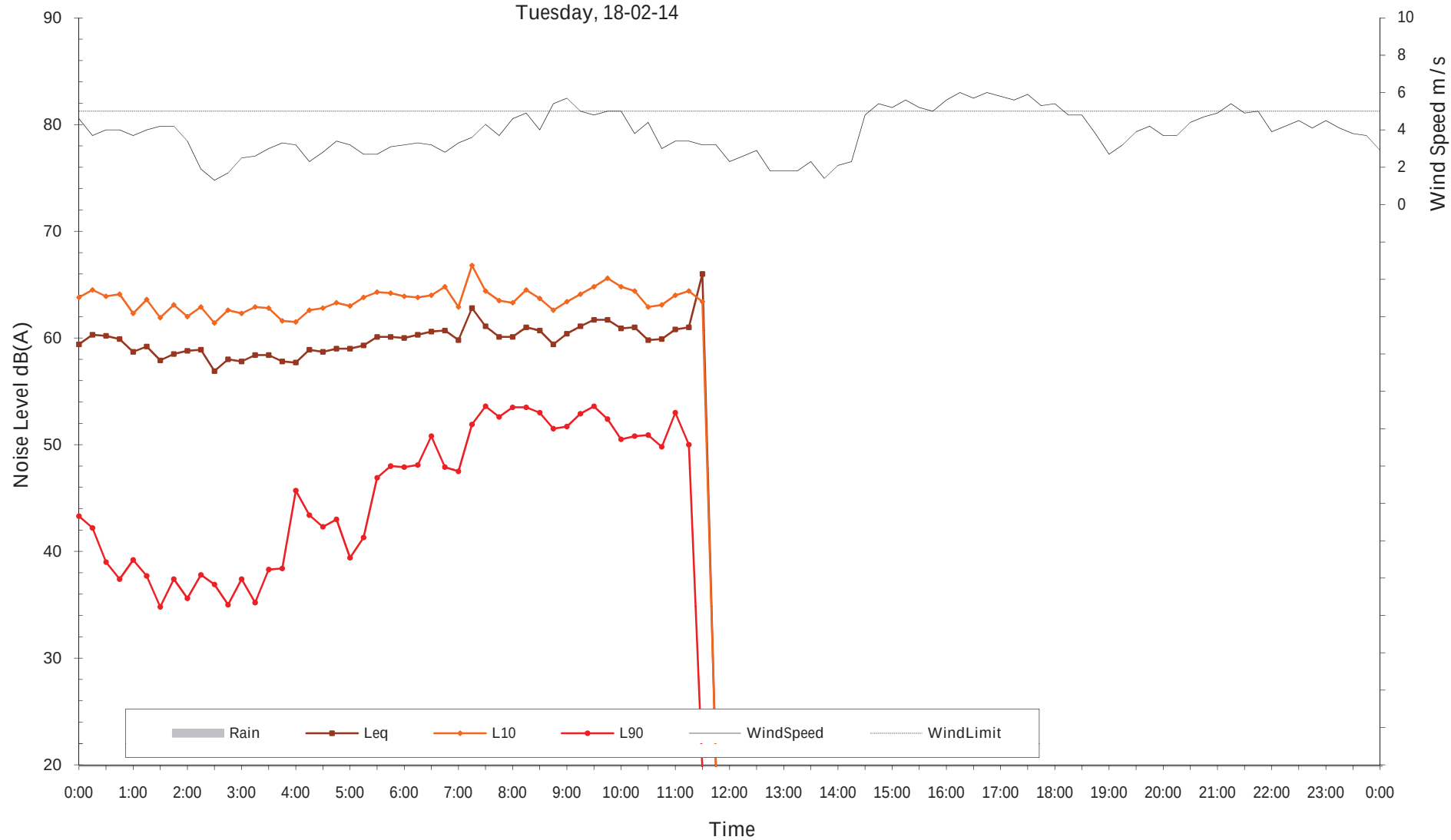
Measured Ambient Noise Levels
BG11 - Summer 2014
Sunday, 16-02-14



Measured Ambient Noise Levels
BG11 - Summer 2014
Monday, 17-02-14



Measured Ambient Noise Levels
BG11 - Summer 2014
Tuesday, 18-02-14



Measured Ambient Noise Levels
BG11 - Summer 2014
Wednesday, 19-02-14

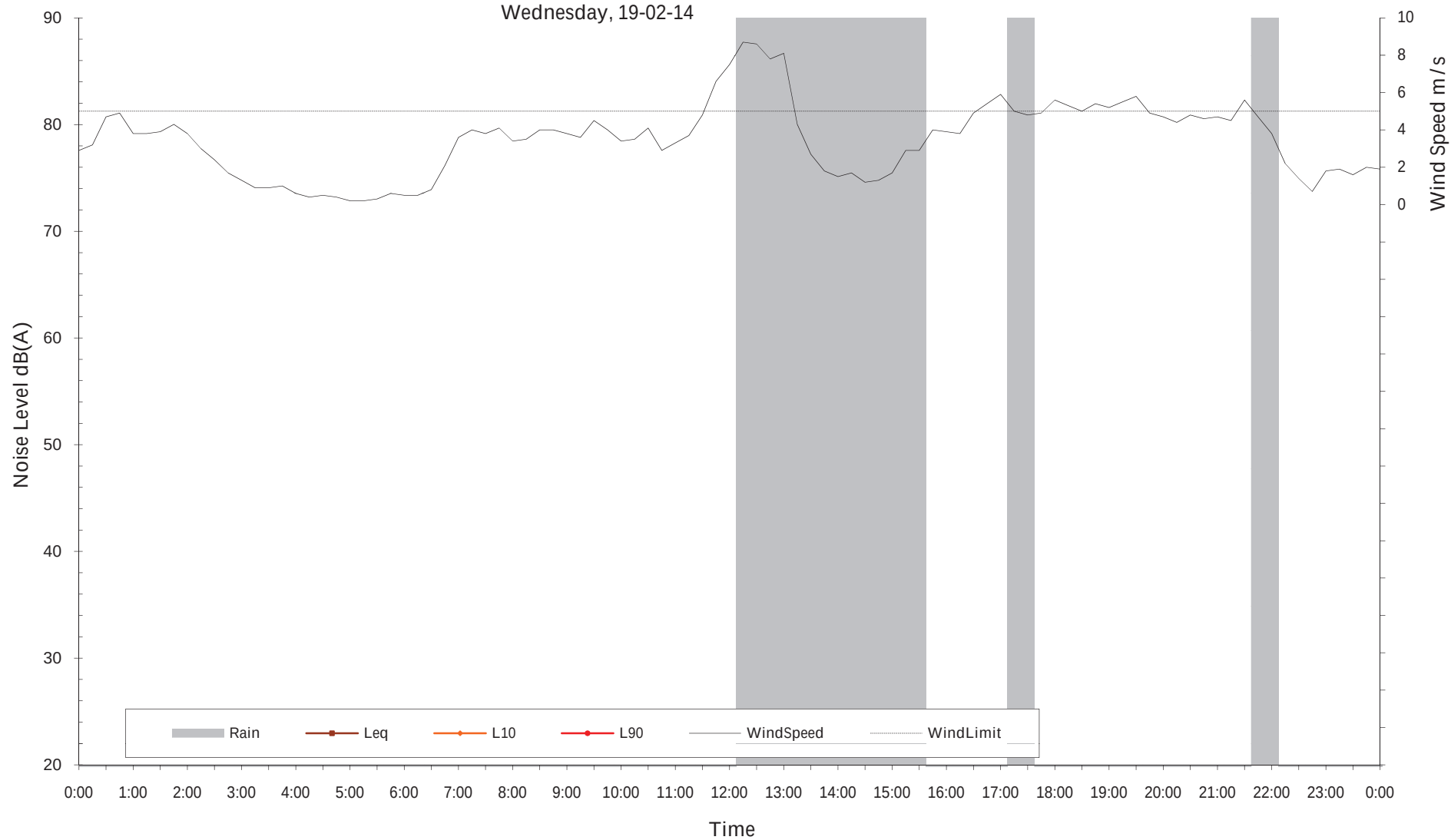


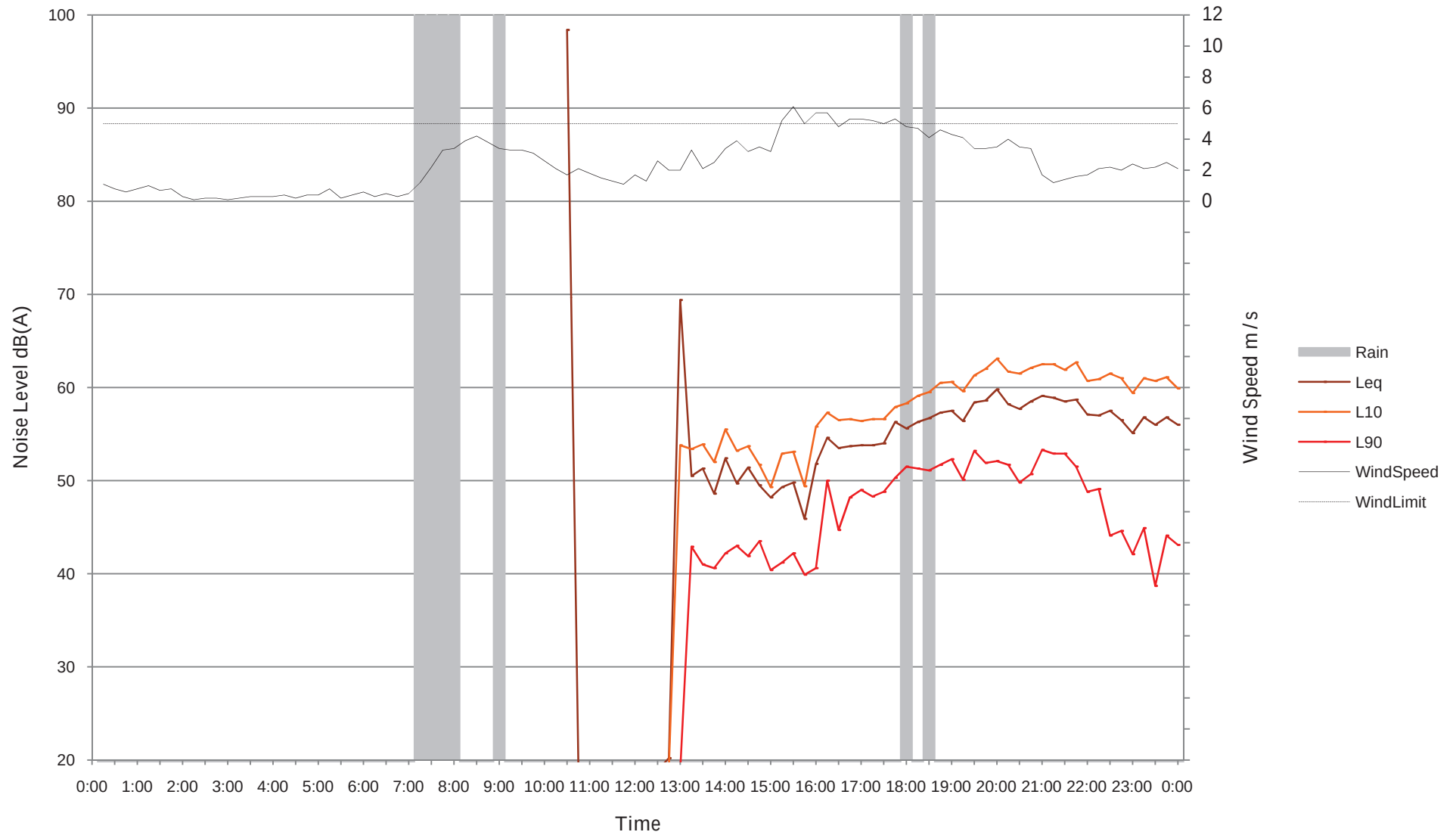
Table B.12 **BG12 background noise monitoring summary**

Date	ABL Day ²	ABL Evening ²	ABL Night ²
Spring 2014			
Friday, 07-02-14	0	50	35
Saturday, 08-02-14	42	40	28
Sunday, 09-02-14	40	49	40
Monday, 10-02-14	38	37	31
Tuesday, 11-02-14	41	43	36
Wednesday, 12-02-14	44	44	39
Thursday, 13-02-14	46	0	0
Friday, 14-02-14	49	50	0
Saturday, 15-02-14	0	0	0
Sunday, 16-02-14	0	0	34
Monday, 17-02-14	41	45	33
Tuesday, 18-02-14	0	0	0
Wednesday, 19-02-14	0	0	0
Rating Background Level (RBL)¹	41	44	35

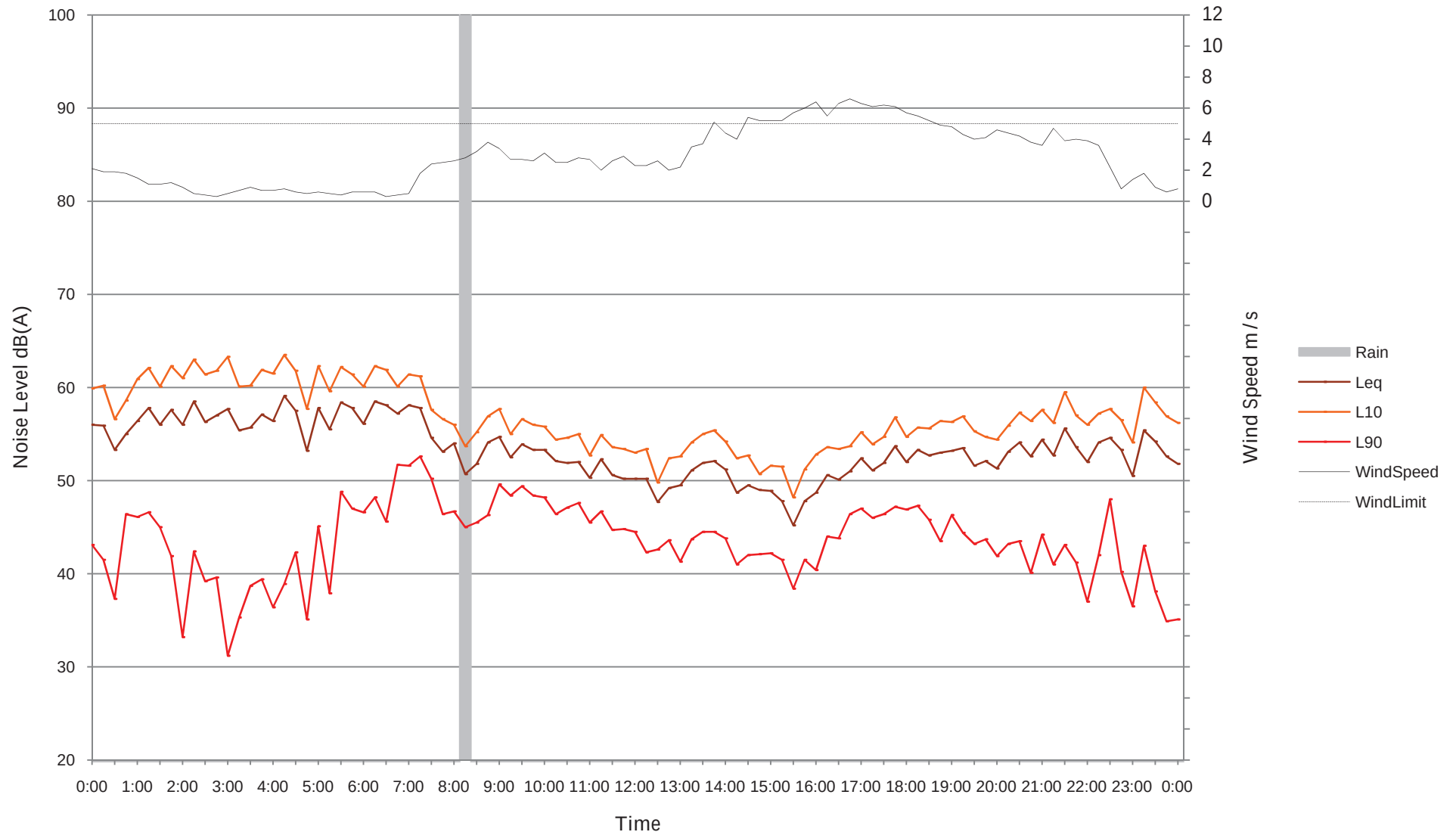
Notes: 1. Adopted RBL shown in grey shading.

 2. A "0" indicates insufficient data samples due to adverse weather or other extraneous effects.

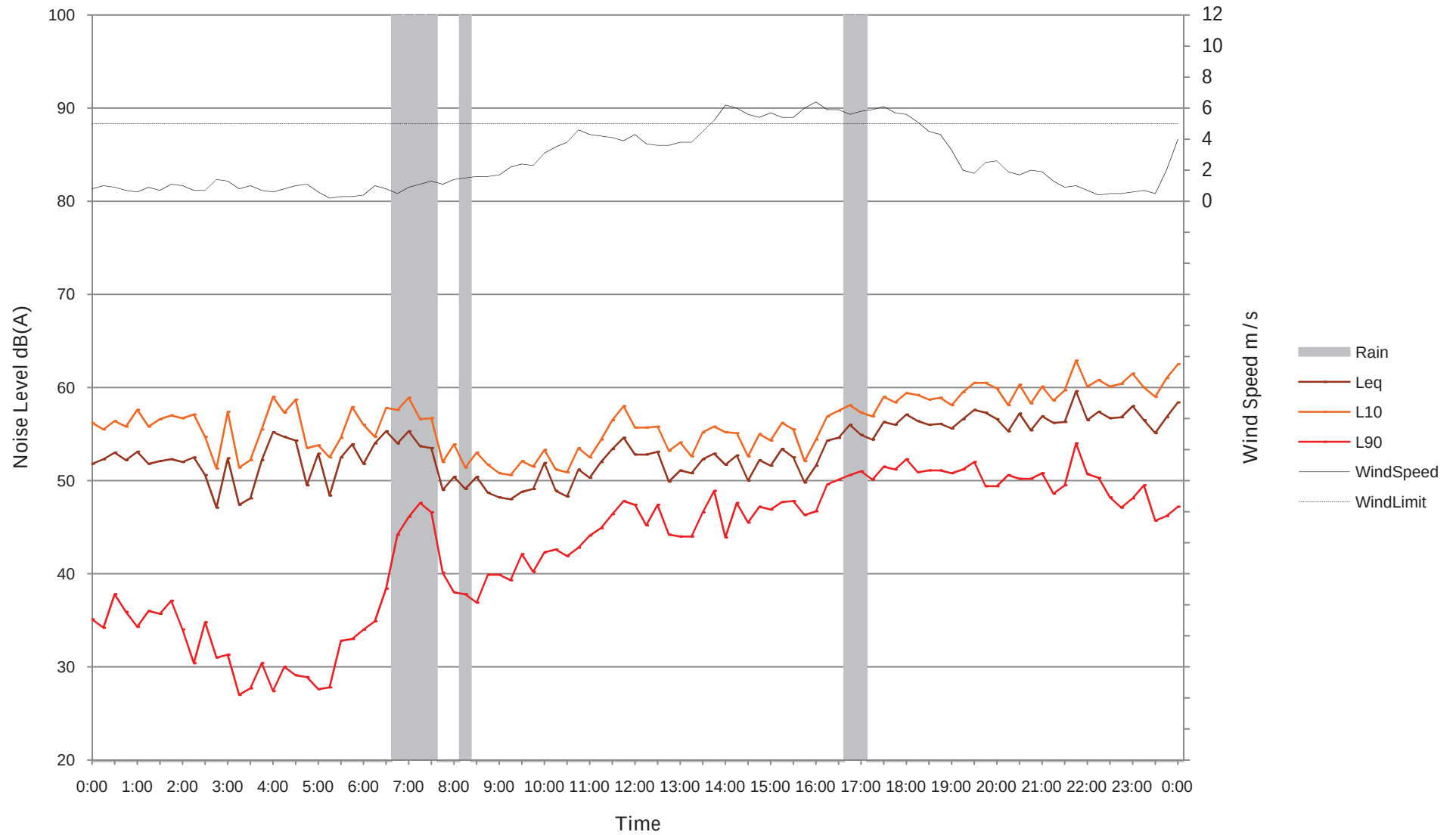
Measured Ambient Noise Levels
BG12 - Summer 2014
Friday, 07-02-14



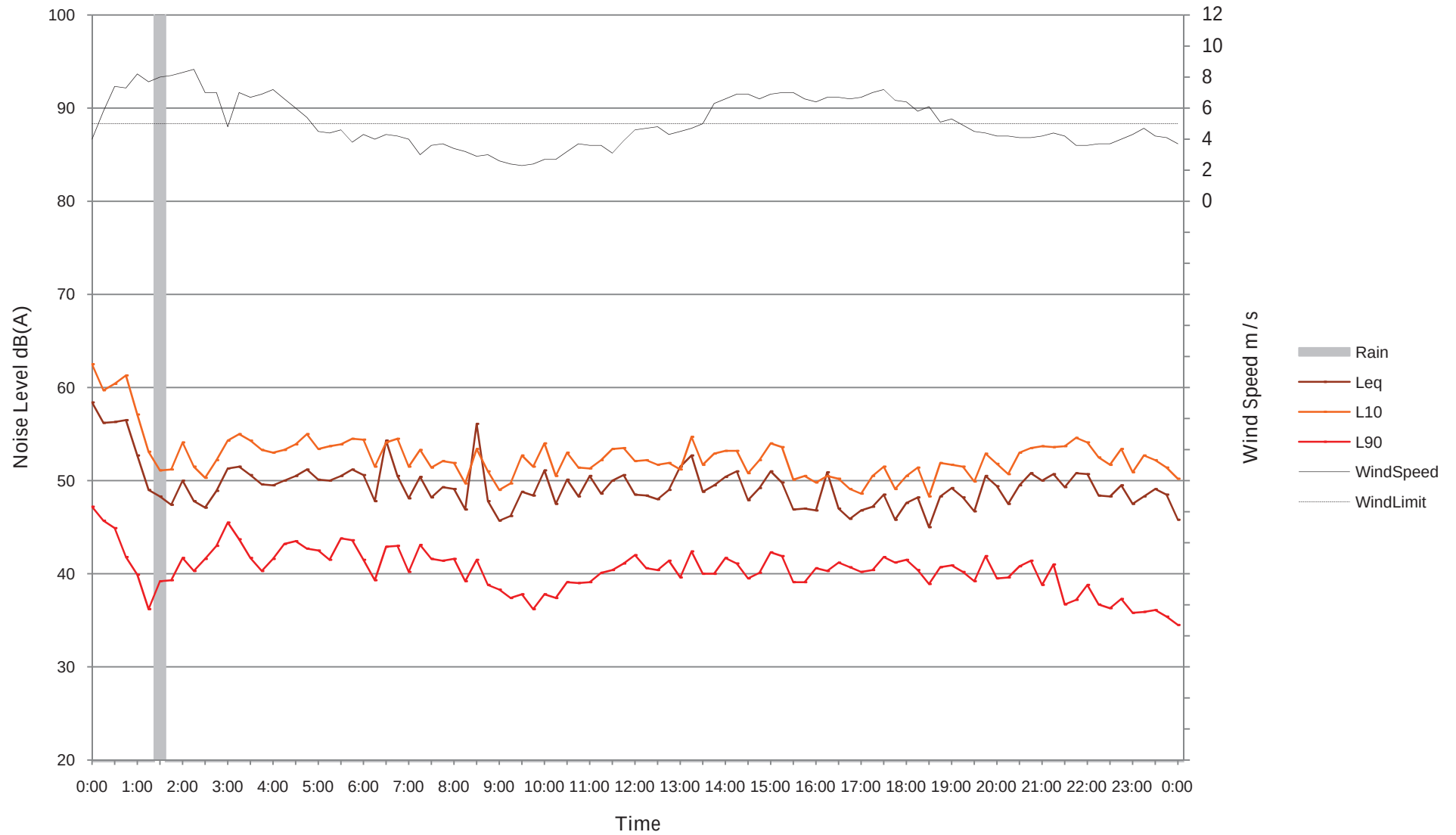
Measured Ambient Noise Levels
BG12 - Summer 2014
Saturday, 08-02-14



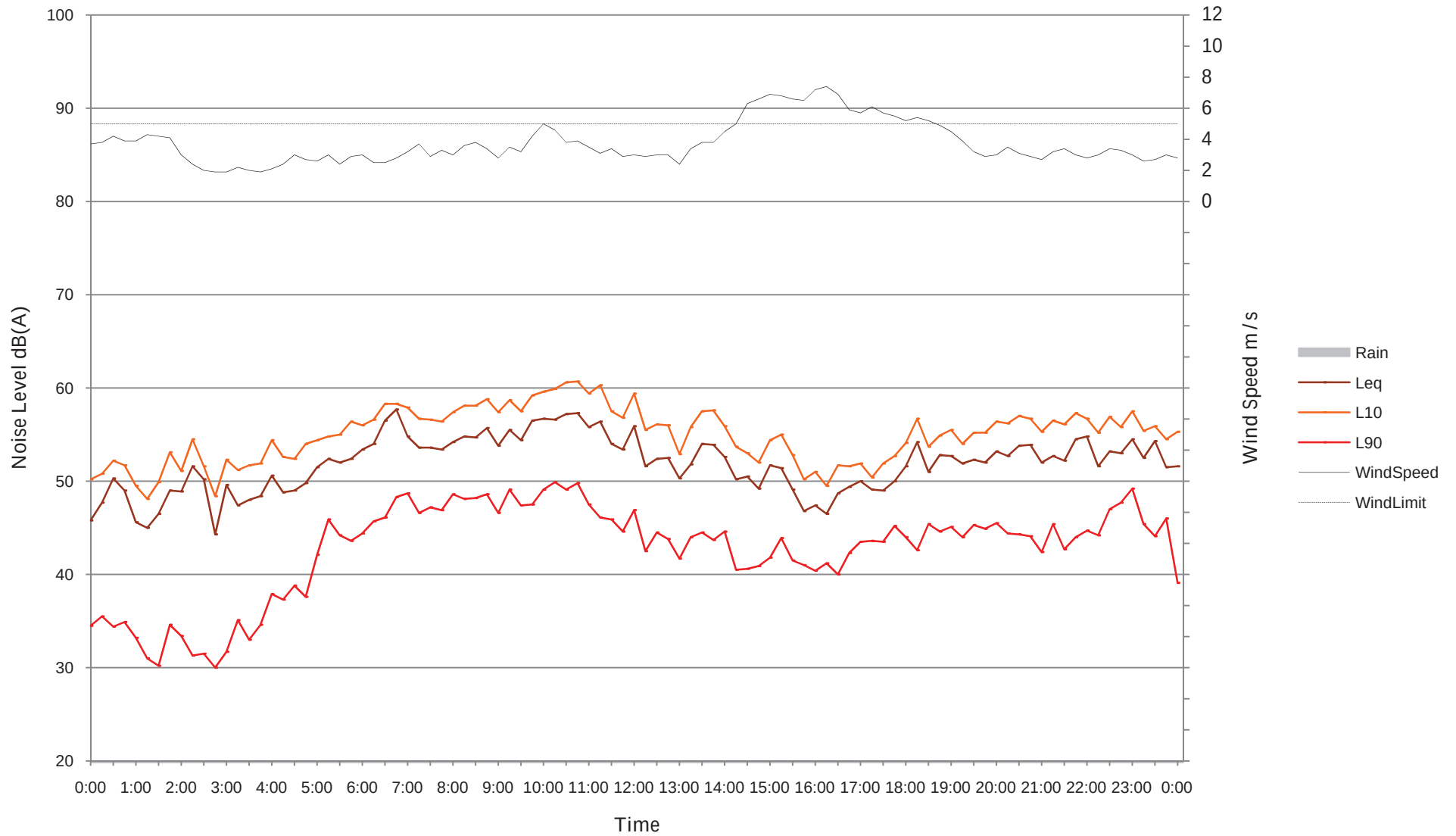
Measured Ambient Noise Levels
BG12 - Summer 2014
Sunday, 09-02-14



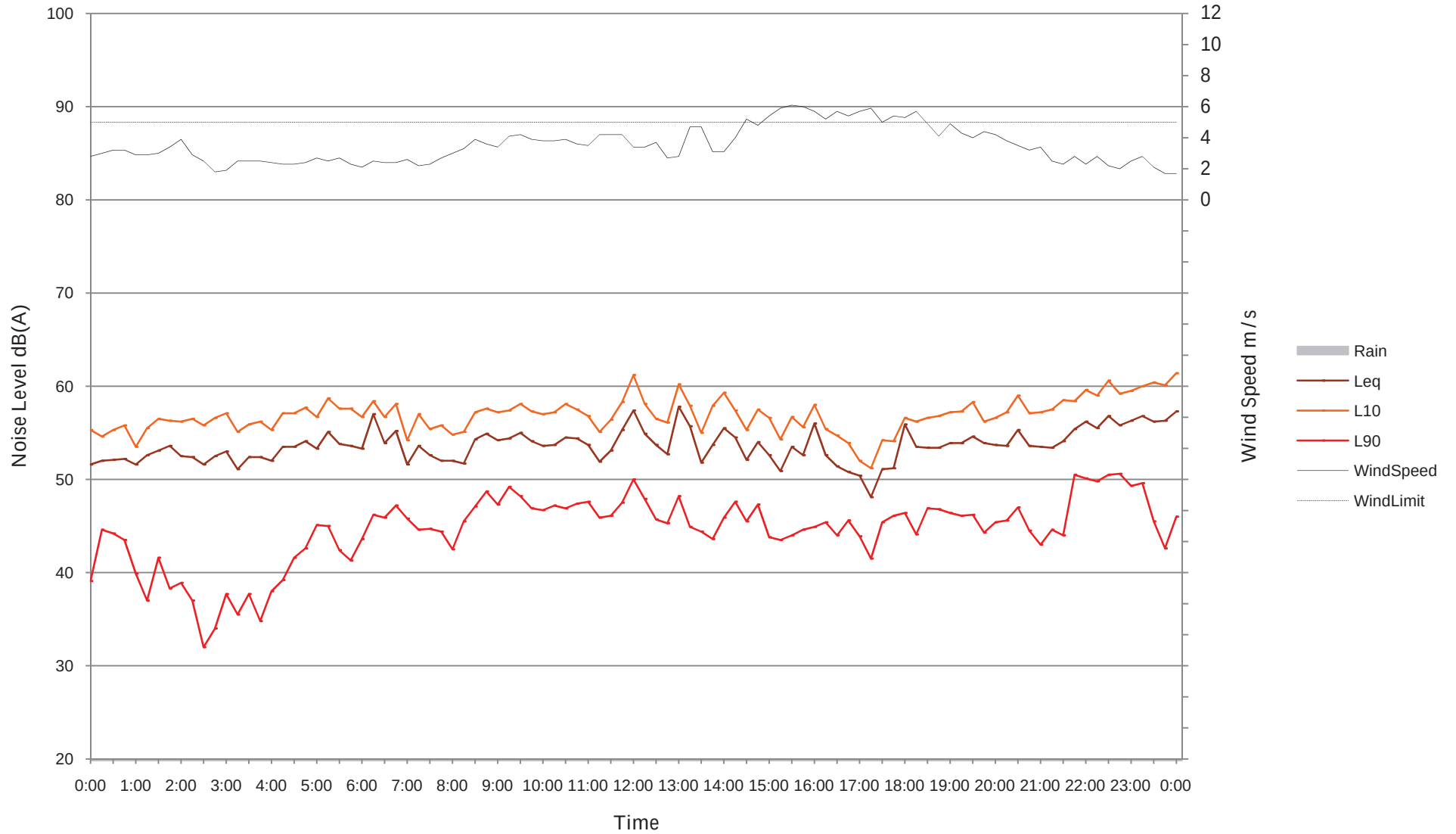
Measured Ambient Noise Levels
BG12 - Summer 2014
Monday, 10-02-14



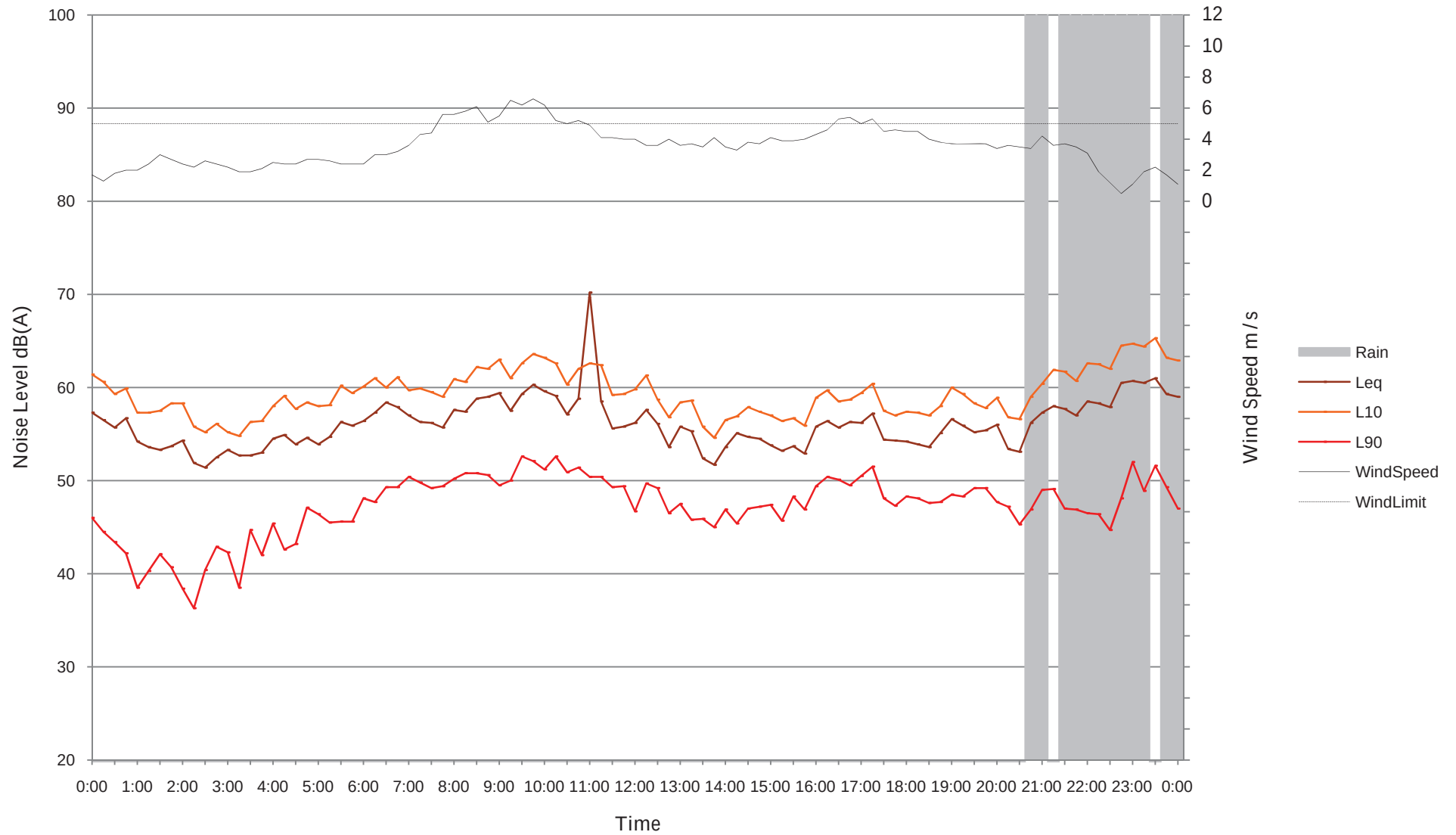
Measured Ambient Noise Levels
BG12 - Summer 2014
Tuesday, 11-02-14



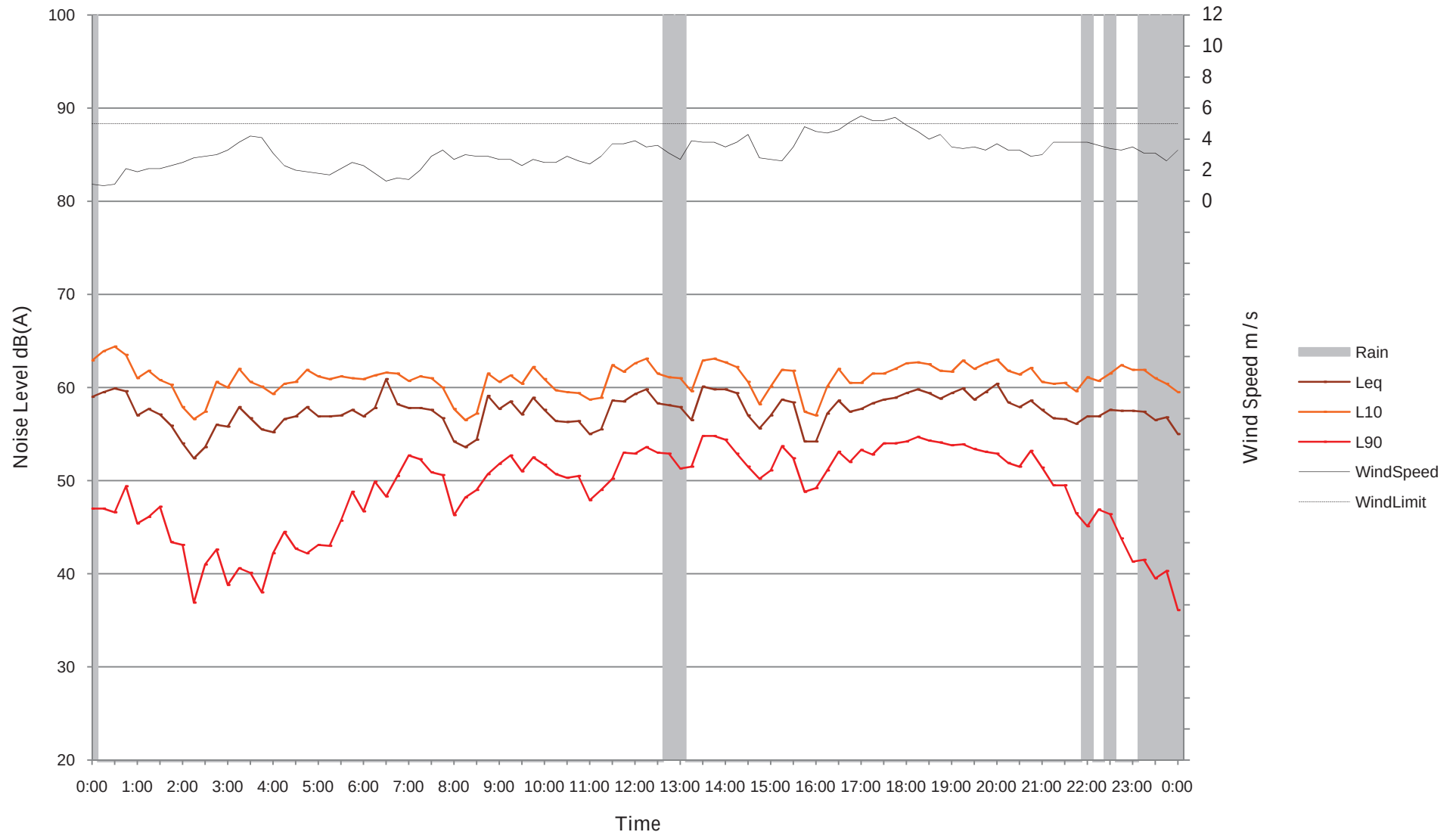
Measured Ambient Noise Levels
BG12 - Summer 2014
Wednesday, 12-02-14



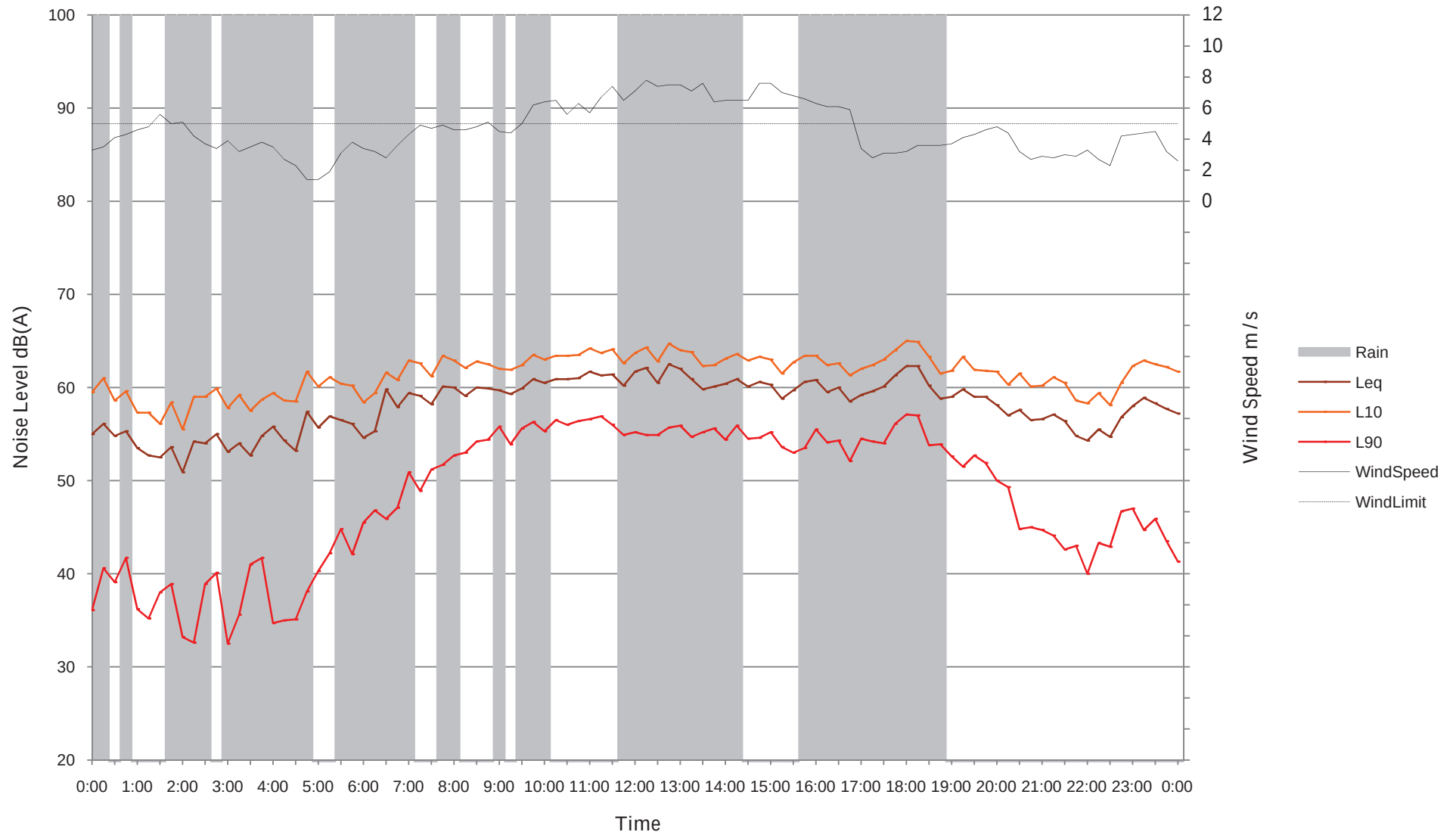
Measured Ambient Noise Levels
BG12 - Summer 2014
Thursday, 13-02-14



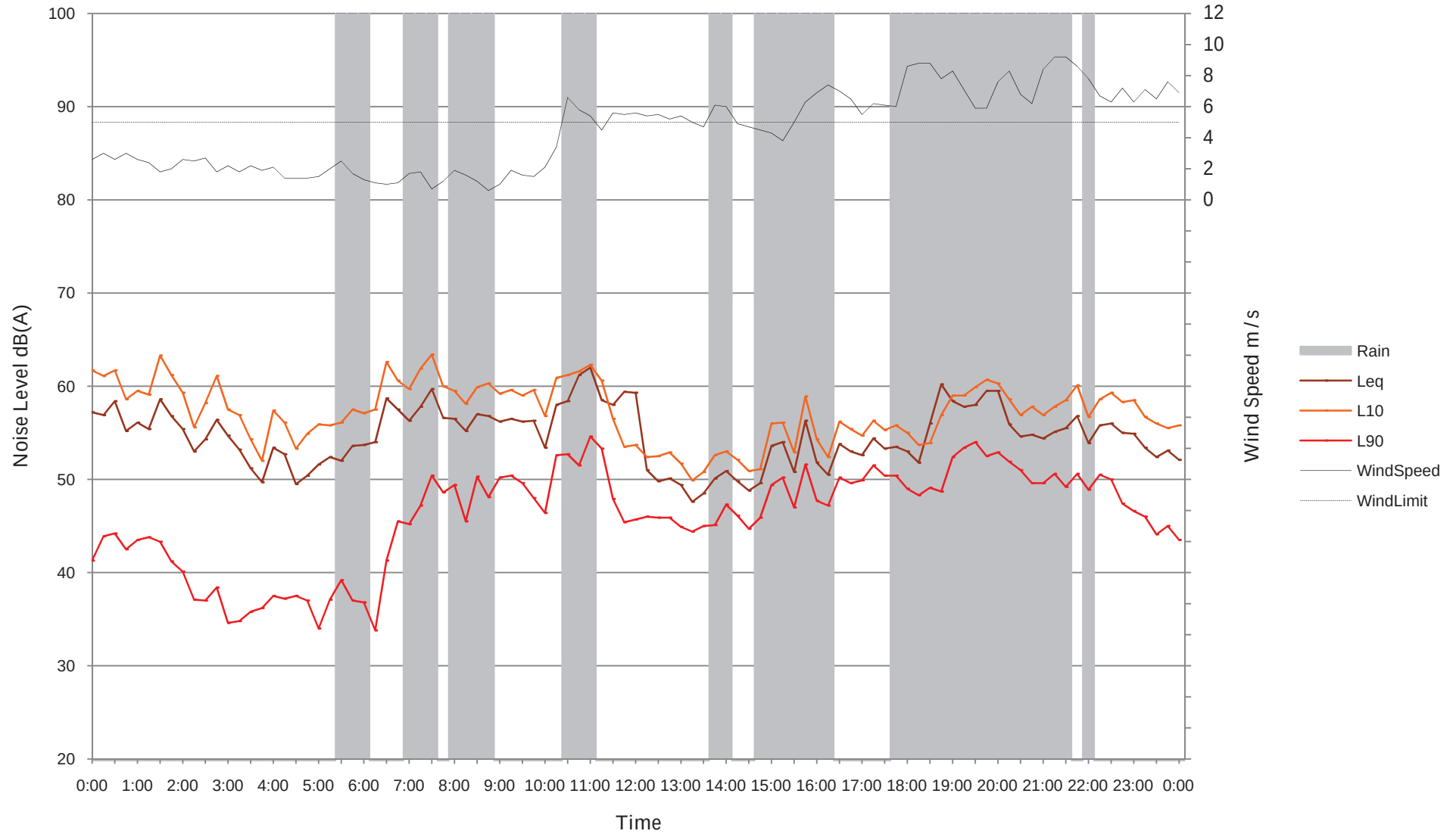
Measured Ambient Noise Levels
BG12 - Summer 2014
Friday, 14-02-14



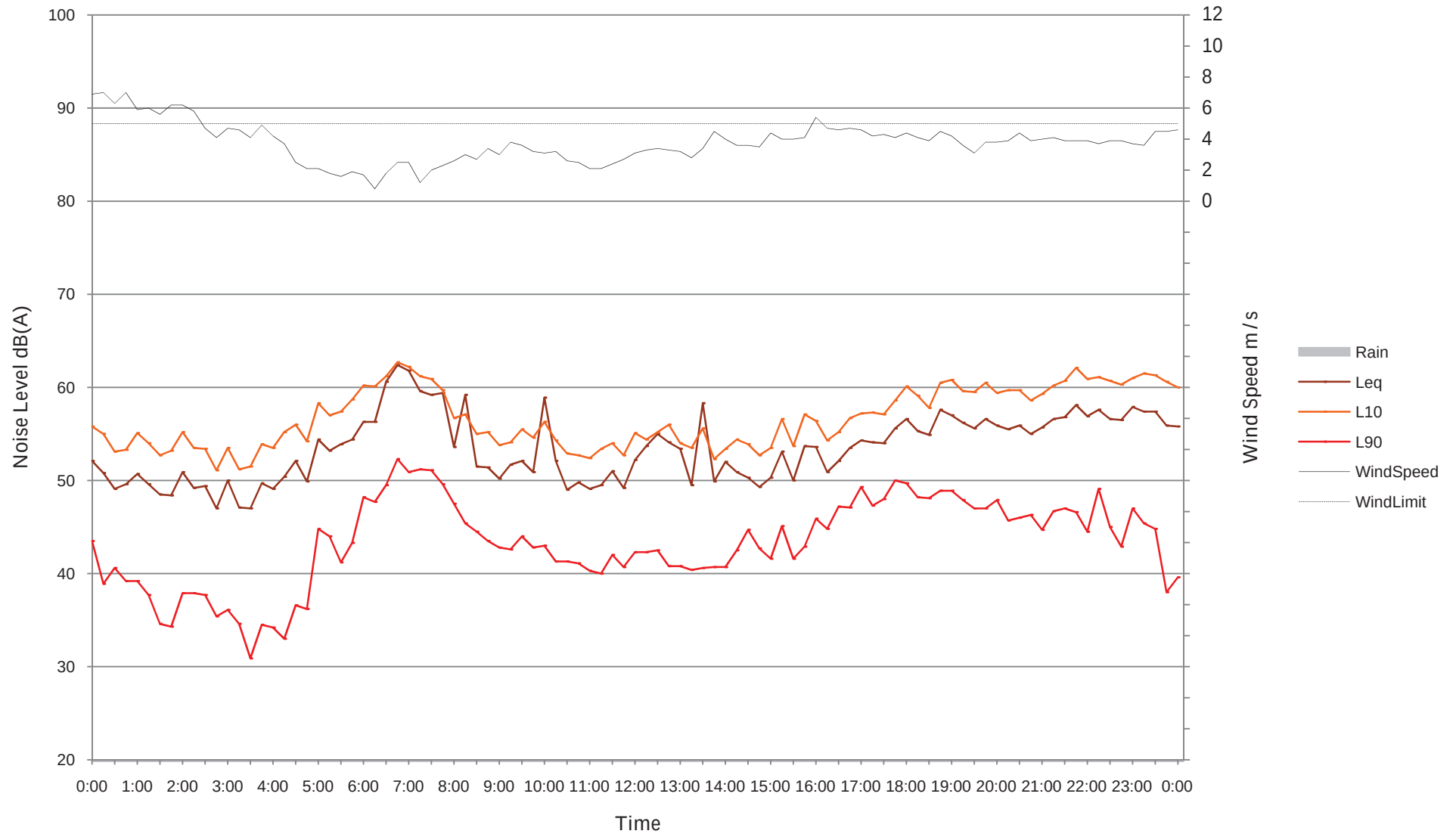
Measured Ambient Noise Levels
BG12 - Summer 2014
Saturday, 15-02-14



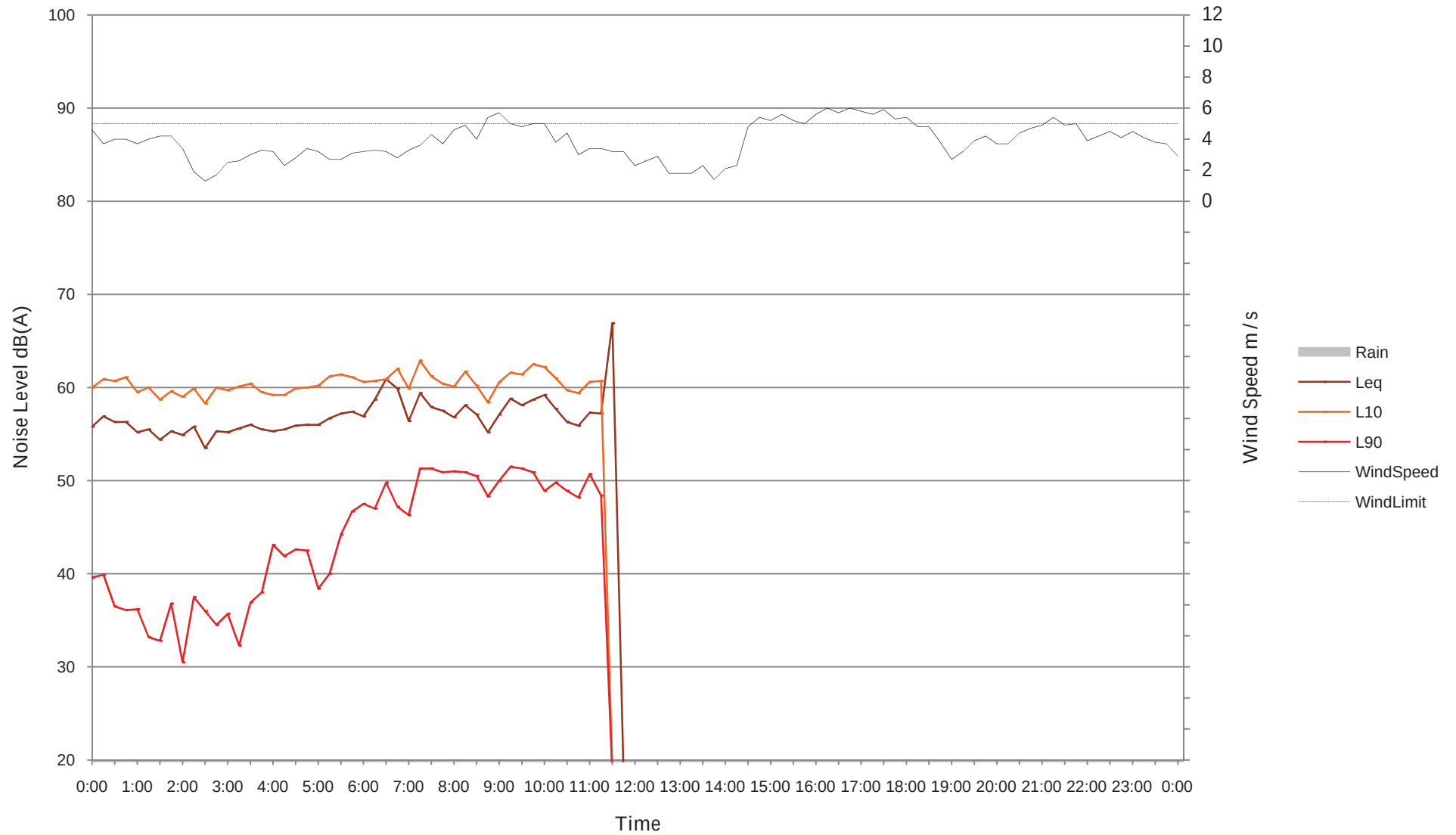
Measured Ambient Noise Levels
BG12 - Summer 2014
Sunday, 16-02-14



Measured Ambient Noise Levels
BG12 - Summer 2014
Monday, 17-02-14



Measured Ambient Noise Levels
BG12 - Summer 2014
Tuesday, 18-02-14



Appendix C

Hume Coal Project construction scenarios

Table C.1 **Early works**

Scenario	Construction activity	Indicative timing	Total sound power level, dB, $L_{eq,15min}$
Relocate Medway Dam pipeline & 11kV OHL	Site establishment	Nov-19 to Dec-20	116
	Relocate existing water pipeline	Nov-19 to Apr-20	119
	Relocate 11kV OHL	Nov-19 to Dec-20	111
CPP Access Road & Temp Construction Facility (TCF)	Site establishment	Nov-19 to Dec-19	116
	Construction water supply/turkeys nest	Nov-19 to May-20	118
	Strip & stockpile topsoil	Nov-19 to Dec-19	120
	Bulk earthworks - Construction camp	Nov-19 to May-20	121
	Bulk earthworks - Cut & borrow to fill	Nov-19 to May-20	125
	Drainage	Nov-19 to May-20	113
	Select material - Load, haul & place	Nov-19 to May-20	123
	Supply road base pavement materials	Nov-19 to May-20	116
	Place & compact pavement	Feb-20 to May-20	121
	Utilities for CPP TCF	Nov-19 to May-20	113
	Set up client site office & facilities	Nov-19	105
Construction camp	Site establishment	Nov-19 to Dec-19	116
	Utilities/ services for camp	Nov-19 to May-20	113
	11kV OHL power supply	Nov-19 to May-20	111
	Install common facilities	Nov-19 to May-20	110
	Install 400 accommodation units	Nov-19 to May-20	110
	Landscaping & amenities	Aug-19 to Oct-19	113

Table C.2 **Portals and portals access**

Scenario	Construction activity	Indicative timing	Total sound power level, dB, $L_{eq,15min}$	
			Standard hours	Out of hours
M&M Portal and Access	Establishment/strip & stockpile topsoil	Feb-20	120	n/a
	Access tracks and drainage	Jan-20 to Feb-20	124	n/a
	Bulk earthworks – Cut to stockpile	Feb-20 to Mar-20	124	n/a
	Blasting plant (if required)	Feb-20	123	n/a
	Concrete arch footings/wing walls	Mar-20 to Apr-20	114	n/a
	Select backfill over arch earthworks	Apr-20 to Jun-20	125	n/a
	Drift excavation	Jun-20 to Oct-21	114	105
Conveyor Portal and Access	Establishment/Strip & stockpile topsoil	Feb-20	120	n/a
	Access tracks and drainage (Medway)	Jan-20 to Feb-20	125	n/a
	Bulk earthworks - cut to stockpile	Feb-20 to Mar-20	124	n/a
	Blasting plant (if required)	Feb-20	89	n/a
	Concrete arch footings/wing walls	Mar-20 to Apr-20	114	n/a
	Select backfill over arch earthworks	Apr-20 to June-20	125	n/a
	Drift excavation	Jun-20 to Oct-21	114	105

Table C.3 Surface infrastructure area precinct

Scenario	Construction activity	Indicative timing	Total sound power level, dB, L _{eq,15min}	
			Standard hours	Out of hours
Surface infrastructure area earthworks/pavement and Dam/drainage	Establishment/ Strip & stockpile topsoil	Feb-20	120	n/a
	Bulk earthworks - Cut to stockpile	Feb 20-Jun-20	124	n/a
	Select backfill over	Apr-20 to Jun-20	124	n/a
	Surface infrastructure area drainage	Apr-20 to Jun-20	113	n/a
	Supply surface infrastructure area road base pavement materials	Apr-20 to Jun-20	111	n/a
	Surface infrastructure area - Place & compact pavement	Apr-20 to Jun-20	121	n/a
Surface infrastructure area	Admin office/ bathhouse/ control room	Jun-20 to May-21	111	n/a
	Workshop & stores	Aug-20 to Apr-21	112	n/a
	Vehicle wash/ fuel-lube/ water reticulate/	Sep-20 to May-21	102	n/a
	sewage treatment/ explosive magazine	Sep-20 to May-21	111	n/a
	Surface infrastructure area services	Sep-20 to May-21	113	n/a
	Car park/ helipad/ substation & misc pads	Sep-20 to May-21	123	n/a
	Shaft Construction	Dec-20 to Jun-21	115	115
Mine Water Dam MWD03	Strip and stockpile topsoil	Apr-20	121	n/a
	Excavate foundation and cut-off trench	May-20	122	n/a
	Supply filter sand	May-20 to Jun-20	112	n/a
	Construct embankment/clay core/filter sand	Jun-20 to Jul-20	124	n/a
	Load, place and compact clay liner	Jul-20	124	n/a
	Load, place and compact gravel cap	Jul-20	124	n/a

Table C.4 **Overland conveyor**

Scenario	Construction activity	Indicative timing	Total sound power level, dB, $L_{eq,15min}$
Overland conveyor earthworks	Strip and stockpile topsoil	Aug-20	120
	Bulk earthworks/drainage and select	Aug-20 to Jun-21	114
	OLC dams	Sep-20 to Oct-20	123
Mine Water Dam MWD04	Strip and stockpile topsoil	Nov-20	120
	Excavate foundation and cut-off trench	Dec-20	122
	Supply filter sand	Dec-20 to Jan-20	114
	Construct embankment/clay core/filter sand	Feb-21 to Mar-21	124
	Load, place and compact clay liner	Mar-21	122
	Load, place and compact gravel cap	Mar-21	122

Table C.5 Ventilation Shaft

Scenario	Construction activity ¹	Indicative timing	Total sound power level, dB, $L_{eq,15min}$	
			Standard hours	Out of hours
Shaft site access track	Establishment/strip and stockpile topsoil	Sep-20	120	n/a
	Access tracks and drainage	Sep-20 to Oct-20	121	n/a
Shaft Pad and Dam	Vent shaft pad drainage	Oct-20 to Dec-20	108	n/a
	Road base pavement mtrls	Oct-20 to Dec-20	105	n/a
	Place and compact pavement	Oct-20 to Dec-20	110	n/a
Vent Shaft Pad Dam MWD07	OLC dam	Nov-20 to Dec-20	121	n/a
Shaft Drilling/Construction	Shaft construction	Dec-20 to Jun-21	115	115
Ventilation Fans Construction	Ventilation Fans Construction	Jun-21 to Sep-21	109	n/a

Table C.6 CPP precinct

Scenario	Construction activity ¹	Indicative timing	Total sound power level, dB, L _{eq,15min}	
			Standard hours	Out of hours
CPP area	Site establishment at TCF	Mar-20	106	n/a
	Strip & stockpile topsoil	Apr-20	121	n/a
	Bulk earthworks & select	Apr-20 to Jul-20	125	n/a
	Drainage	May-20 to Jul-20	113	n/a
	Supply road base pavement materials	Mar-20 to May-20	108	n/a
	Place & compact pavement	May-20 to Jul-20	121	n/a
	CPP Construction	Aug-20 to Sep-21	112	84 ¹
Product stockpile	Strip & stockpile topsoil	Apr-20	121	n/a
	Bulk earthworks	Apr-20 to Jul-20	125	n/a
	Drainage	Jul-20	113	n/a
	Place select and wearing course	Jul-20 to Aug-20	123	n/a
ROM stockpile pad	Strip & stockpile topsoil	May-20	121	n/a
	Bulk earthworks	May-20 to Jun-20	125	n/a
	Drainage	Jun-20	113	n/a
	Place select and wearing course	Jul-20 to Aug-20	123	n/a
TLO pad and dam	Strip & stockpile topsoil	Jun-20	121	n/a
	Bulk earthworks/drainage & select	Jun-20 to Jul-20	125	n/a
	TLO dam	Aug-20 to Sep-20	125	n/a
	Place & compact pavement	Aug-20	120	n/a
Temporary rejects stockpiles	Strip & stockpile topsoil	Jul-20	121	n/a
	Bulk earthworks	Aug-20	125	n/a
	Wearing course	Sep-20	123	n/a
LV access roads	Strip & stockpile topsoil	Jun-20	121	n/a
	Bulk earthworks	Jul-20 to Aug-20	125	n/a
	Drainage	Aug-20	113	n/a
	Supply road base pavement materials	Aug-20 to Sep-20	114	n/a
	Place & compact pavement	Sep-20 to Oct-20	121	n/a
Mine Water Dam MWD01	Strip & stockpile topsoil	Aug-20	121	n/a
	Excavate foundation & cut-off trench	Sep-20 to Oct-20	122	n/a
	Supply filter sand	Sep-20 to Dec-20	108	n/a
	Construct embankment/claycore/filtration sand	Nov-20 to Feb-21	124	n/a
	Load, place & compact clay liner	Feb-21	124	n/a
	Load, place & compact gravel cap	Mar-21	124	n/a

Table C.6 **CPP precinct**

Scenario	Construction activity ¹	Indicative timing	Total sound power level, dB, L _{eq,15min}	
			Standard hours	Out of hours
Mine Water Dam MWD02	Strip & stockpile topsoil	Dec-20	121	n/a
	Excavate foundation & cut-off trench	Jan-21	122	n/a
	Supply filter sand	Jan-21 to Mar-21	108	n/a
	Construct embankment/claycore/ filtration sand	Feb-21 to Apr-21	124	n/a
	Load, place & compact clay liner	May-21	124	n/a
	Load, place & compact gravel cap	Jun-21	124	n/a
Primary Water Dam	Strip & stockpile topsoil	Apr-21	121	n/a
	Excavate foundation & cut-off trench	May-21	122	n/a
	Supply filter sand	May-21 to Jun-21	108	n/a
	Construct embankment/claycore/ filtration sand	Jun-21 to Jul-21	124	n/a
	Load, place & compact clay liner	Jul-21	124	n/a
	Load, place & compact gravel cap	Jul-21	124	n/a
Site Water Reticulation	Strip & stockpile topsoil	Nov-20	121	n/a
	Earthworks - Excavation & backfill	Dec-20 to Jul-21	114	n/a
	Installation - pipes & pumps	Jan-21 to Sep-21	108	n/a

Notes: 1. Internal activity so a 20 dB sound reduction afforded by the CPP structure has been added to the sound power level.

Appendix D

Construction noise level predictions

EARLY WORKS

Table D.1 Predicted early works construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB L _{Aeq,15min}			
				Relocate Medway Dam pipeline and 11kV OHL	CPP access road and temp construction facility (TCF)	Construction camp	Cumulative (i.e. all early works construction scenarios)
1	Standard	40	75	0	0	0	0
2	Standard	40	75	0	0	0	0
3	Standard	40	75	0	0	0	up to 2
4	Standard	40	75	0	up to 8	0	up to 9
5	Standard	40	75	0	up to 8	0	up to 9
6	Standard	40	75	0	up to 8	0	up to 8
7	Standard	40	75	0	up to 7	0	up to 8
8	Standard	40	75	0	up to 8	0	up to 9
10	Standard	40	75	0	up to 11	0	up to 11
12	Standard	40	75	0	up to 15	up to 4	up to 16
13	Standard	40	75	0	up to 14	up to 2	up to 14
14A, 14B	Standard	40	75	0	up to 4	0	up to 5
15	Standard	40	75	0	up to 11	0	up to 11
16	Standard	40	75	0	up to 11	0	up to 11
17	Standard	55	75	0	0	0	0
18	Standard	51	75	0	0	0	0
19	Standard	40	75	0	0	0	0
20	Standard	45	75	0	0	0	0
21	Standard	45	75	0	0	0	0
22	Standard	45	75	0	0	0	0
23	Standard	45	75	0	0	0	0
24	Standard	40	75	0	0	0	0
25	Standard	40	75	0	0	0	0
26	Standard	40	75	0	0	0	0

Table D.1 Predicted early works construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB $L_{Aeq,15min}$			
				Relocate Medway Dam pipeline and 11kV OHL	CPP access road and temp construction facility (TCF)	Construction camp	Cumulative (i.e. all early works construction scenarios)
27	Standard	40	75	0	0	0	0
28	Standard	40	75	0	0	0	0
29	Standard	40	75	0	0	0	0
30	Standard	45	75	0	0	0	0
31	Standard	40	75	0	0	0	0
32	Standard	45	75	0	0	0	0
33	Standard	45	75	0	0	0	0
34	Standard	40	75	0	0	0	0
35	Standard	40	75	0	0	0	0
36	Standard	40	75	0	0	0	0
37	Standard	40	75	0	0	0	0
38	Standard	40	75	0	0	0	0
39	Standard	40	75	0	0	0	0
40	Standard	40	75	0	0	0	0
41	Standard	40	75	0	0	0	0
42	Standard	40	75	0	0	0	0
43	Standard	40	75	0	0	0	0
44	Standard	40	75	0	0	0	0
45	Standard	40	75	0	0	0	0
46	Standard	40	75	0	0	0	0
47	Standard	40	75	0	0	0	0
48	Standard	40	75	0	0	0	0
49	Standard	51	75	0	0	0	0
50	Standard	40	75	0	0	0	up to 1
51	Standard	40	75	0	up to 1	0	up to 3
52	Standard	51	75	0	0	0	0

Table D.1 **Predicted early works construction noise levels**

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB L _{Aeq,15min}			
				Relocate Medway Dam pipeline and 11kV OHL	CPP access road and temp construction facility (TCF)	Construction camp	Cumulative (i.e. all early works construction scenarios)
53	Standard	51	75	0	0	0	0
54	Standard	40	75	0	0	0	up to 2
55	Standard	51	75	0	0	0	0
56	Standard	40	75	0	0	0	0
57	Standard	40	75	0	0	0	0
58	Standard	40	75	0	0	0	0
59	Standard	40	75	0	0	0	0
60	Standard	40	75	0	0	0	0
61	Standard	40	75	0	0	0	up to 2
62	Standard	40	75	0	0	0	0
63	Standard	40	75	up to 5	0	0	up to 7
64	Standard	40	75	0	0	0	0
65	Standard	40	75	0	0	0	0
66	Standard	40	75	0	up to 3	0	up to 4
67	Standard	40	75	0	0	0	0
68	Standard	40	75	0	0	0	0
69	Standard	40	75	0	0	0	0
70	Standard	45	75	0	0	0	0
71	Standard	40	75	0	0	0	0
72	Standard	45	75	0	0	0	0
73	Standard	45	75	0	0	0	0
74	Standard	45	75	0	0	0	0
75	Standard	40	75	0	0	0	0
76	Standard	40	75	0	0	0	0

Portals

Table D.2 Portals and portals predicted access construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min		
				M&M portal and access	Conveyor portal and access	Cumulative (i.e. all early works construction scenarios)
1	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
2	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
3	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
4	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
5	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
6	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
7	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0

Table D.2 **Portals and portals predicted access construction noise levels**

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min		
				M&M portal and access	Conveyor portal and access	Cumulative (i.e. all early works construction scenarios)
8	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
10	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
12	Standard	40	75	0	0	up to 1
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
13	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
14A, 14B	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
15	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0

Table D.2 **Portals and portals predicted access construction noise levels**

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min		
				M&M portal and access	Conveyor portal and access	Cumulative (i.e. all early works construction scenarios)
16	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
17	Standard	51	75	0	0	0
	OOH evening	46	n/a	0	0	0
	OOH night	40	n/a	0	0	0
18	Standard	51	75	0	0	0
	OOH evening	46	n/a	0	0	0
	OOH night	40	n/a	0	0	0
19	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
20	Standard	45	75	0	0	0
	OOH evening	39	n/a	0	0	0
	OOH night	36	n/a	0	0	0
21	Standard	45	75	0	0	0
	OOH evening	39	n/a	0	0	0
	OOH night	36	n/a	0	0	0

Table D.2 **Portals and portals predicted access construction noise levels**

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min		
				M&M portal and access	Conveyor portal and access	Cumulative (i.e. all early works construction scenarios)
22	Standard	45	75	0	0	0
	OOH evening	39	n/a	0	0	0
	OOH night	36	n/a	0	0	0
23	Standard	45	75	0	0	0
	OOH evening	39	n/a	0	0	0
	OOH night	36	n/a	0	0	0
24	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
25	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
26	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
27	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
28	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0

Table D.2 **Portals and portals predicted access construction noise levels**

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min		
				M&M portal and access	Conveyor portal and access	Cumulative (i.e. all early works construction scenarios)
29	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
30	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
31	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
32	Standard	45	75	0	0	0
	OOH evening	39	n/a	0	0	0
	OOH night	36	n/a	0	0	0
33	Standard	45	75	0	0	0
	OOH evening	39	n/a	0	0	0
	OOH night	36	n/a	0	0	0
34	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
35	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0

Table D.2 **Portals and portals predicted access construction noise levels**

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min		
				M&M portal and access	Conveyor portal and access	Cumulative (i.e. all early works construction scenarios)
36	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
37	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
38	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
39	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
40	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
41	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
42	Standard	40	75	0	up to 1	up to 3
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0

Table D.2 **Portals and portals predicted access construction noise levels**

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min		
				M&M portal and access	Conveyor portal and access	Cumulative (i.e. all early works construction scenarios)
43	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
44	Standard	40	75	up to 3	up to 1	up to 5
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
45	Standard	40	75	up to 4	up to 3	up to 6
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
46	Standard	40	75	up to 3	up to 4	up to 7
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
47	Standard	40	75	up to 5	up to 5	up to 8
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
48	Standard	40	75	up to 1	up to 7	up to 8
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
49	Standard	51	75	0	0	0
	OOH evening	46	n/a	0	0	0
	OOH night	40	n/a	0	0	0

Table D.2 **Portals and portals predicted access construction noise levels**

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min		
				M&M portal and access	Conveyor portal and access	Cumulative (i.e. all early works construction scenarios)
50	Standard	40	75	up to 10	up to 9	up to 13
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
51	Standard	40	75	up to 12	up to 12	up to 15
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
52	Standard	51	75	0	up to 2	up to 3
	OOH evening	46	n/a	0	0	0
	OOH night	40	n/a	0	0	0
53	Standard	51	75	0	up to 8	up to 8
	OOH evening	46	n/a	0	0	0
	OOH night	40	n/a	0	0	0
54	Standard	40	75	up to 9	up to 12	up to 14
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
55	Standard	51	75	0	up to 4	up to 5
	OOH evening	46	n/a	0	0	0
	OOH night	40	n/a	0	0	0
56	Standard	40	75	up to 4	up to 2	up to 6
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0

Table D.2 **Portals and portals predicted access construction noise levels**

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min		
				M&M portal and access	Conveyor portal and access	Cumulative (i.e. all early works construction scenarios)
57	Standard	40	75	0	0	up to 2
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
58	Standard	40	75	0	up to 1	up to 4
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
59	Standard	40	75	up to 1	up to 4	up to 6
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
60	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
61	Standard	40	75	0	0	up to 2
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
62	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
63	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0

Table D.2 **Portals and portals predicted access construction noise levels**

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min		
				M&M portal and access	Conveyor portal and access	Cumulative (i.e. all early works construction scenarios)
64	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
65	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
66	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
67	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
68	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
69	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
70	Standard	45	75	0	0	0
	OOH evening	39	n/a	0	0	0
	OOH night	36	n/a	0	0	0

Table D.2 **Portals and portals predicted access construction noise levels**

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min		
				M&M portal and access	Conveyor portal and access	Cumulative (i.e. all early works construction scenarios)
71	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
72	Standard	45	75	0	0	0
	OOH evening	39	n/a	0	0	0
	OOH night	36	n/a	0	0	0
73	Standard	45	75	0	0	0
	OOH evening	39	n/a	0	0	0
	OOH night	36	n/a	0	0	0
74	Standard	45	75	0	0	0
	OOH evening	39	n/a	0	0	0
	OOH night	36	n/a	0	0	0
75	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0
76	Standard	40	75	0	0	0
	OOH evening	35	n/a	0	0	0
	OOH night	35	n/a	0	0	0

CPP

Table D.3 Predicted CPP construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min											
				CPP area	Product stockpile	Rom stockpile pad	TLO pad and dam	Temporary rejects stockpiles	LV access roads	Mine water dam MWD01	Mine water dam MWD02	Mine water dam MWD03	Primary water dam	Site water reticulation	Cumulative (ie all CPP construction scenarios)
1	Standard	40	75	0	0	0	0	0	0	up to 2	0	0	0	0	up to 7
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
2	Standard	40	75	0	up to 2	0	0	up to 1	0	up to 5	0	0	0	0	up to 10
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
3	Standard	40	75	up to 1	up to 4	up to 1	0	up to 4	up to 1	up to 8	up to 1	0	0	0	up to 13
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
4	Standard	40	75	up to 7	up to 10	up to 2	up to 4	3 to 10	up to 3	up to 14	up to 2	0	0	up to 2	5 to 18
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
5	Standard	40	75	up to 8	up to 10	up to 2	up to 5	3 to 10	up to 3	up to 14	up to 2	0	0	up to 2	5 to 18
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
6	Standard	40	75	up to 7	up to 9	up to 1	up to 5	3 to 9	up to 2	up to 14	up to 2	0	0	up to 2	5 to 18
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0

Table D.3 Predicted CPP construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min											
				CPP area	Product stockpile	Rom stockpile pad	TLO pad and dam	Temporary rejects stockpiles	LV access roads	Mine water dam MWD01	Mine water dam MWD02	Mine water dam MWD03	Primary water dam	Site water reticulation	Cumulative (ie all CPP construction scenarios)
7	Standard	40	75	up to 7	up to 9	up to 1	up to 5	2 to 9	up to 2	up to 13	up to 2	0	0	up to 2	5 to 17
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
8	Standard	40	75	up to 8	up to 9	up to 2	up to 6	2 to 9	up to 2	up to 14	up to 3	0	up to 3	up to 3	5 to 18
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
10	Standard	40	75	up to 10	up to 11	up to 3	up to 6	5 to 11	up to 4	up to 16	up to 5	0	up to 1	up to 5	7 to 20
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
12	Standard	40	75	up to 14	up to 15	up to 7	5 to 12	9 to 15	up to 8	up to 21	up to 8	0	up to 7	up to 10	1 to 24
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
13	Standard	40	75	up to 13	up to 13	up to 6	1 to 11	7 to 14	up to 7	up to 19	up to 11	0	up to 7	up to 9	9 to 23
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
14A, 14B	Standard	40	75	up to 6	up to 5	up to 3	5 to 11	up to 6	up to 4	up to 10	up to 5	0	up to 5	up to 2	7 to 17
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
15	Standard	40	75	up to 11	up to 8	up to 7	5 to 14	2 to 9	up to 6	up to 12	up to 10	0	up to 7	up to 6	8 to 20
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0

Table D.3 Predicted CPP construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min											
				CPP area	Product stockpile	Rom stockpile pad	TLO pad and dam	Temporary rejects stockpiles	LV access roads	Mine water dam MWD01	Mine water dam MWD02	Mine water dam MWD03	Primary water dam	Site water reticulation	Cumulative (ie all CPP construction scenarios)
16	Standard	40	75	up to 10	up to 7	up to 7	9 to 17	1 to 8	up to 8	up to 7	up to 10	0	up to 6	up to 5	0 to 20
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
17	Standard	51	75	0	0	0	up to 3	0	0	0	0	0	0	0	up to 6
	OOH evening	46	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	40	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
18	Standard	51	75	0	0	0	0	0	0	0	0	0	0	0	up to 2
	OOH evening	46	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	40	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
19	Standard	40	75	0	0	0	up to 6	0	0	0	up to 1	0	up to 3	0	up to 10
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
20	Standard	45	75	0	0	0	0	0	0	0	0	0	0	0	up to 1
	OOH evening	39	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	36	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
21	Standard	45	75	0	0	0	0	0	0	0	0	0	0	0	up to 3
	OOH evening	39	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	36	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
22	Standard	45	75	0	0	0	0	0	0	0	0	0	0	0	0
	OOH evening	39	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	36	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0

Table D.3 Predicted CPP construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min											
				CPP area	Product stockpile	Rom stockpile pad	TLO pad and dam	Temporary rejects stockpiles	LV access roads	Mine water dam MWD01	Mine water dam MWD02	Mine water dam MWD03	Primary water dam	Site water reticulation	Cumulative (ie all CPP construction scenarios)
23	Standard	45	75	0	0	0	0	0	0	0	0	0	0	0	0
	OOH evening	39	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	36	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
24	Standard	40	75	0	0	0	up to 3	0	0	0	0	0	0	0	up to 7
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
25	Standard	40	75	0	0	0	0	0	0	0	0	0	0	0	0
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
26	Standard	40	75	0	0	0	0	0	0	0	0	0	0	0	0
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
27	Standard	40	75	0	0	0	0	0	0	0	0	0	0	0	0
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
28	Standard	40	75	0	0	0	0	0	0	0	0	0	0	0	0
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
29	Standard	40	75	0	0	0	0	0	0	0	0	0	0	0	0
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0

Table D.3 Predicted CPP construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min											
				CPP area	Product stockpile	Rom stockpile pad	TLO pad and dam	Temporary rejects stockpiles	LV access roads	Mine water dam MWD01	Mine water dam MWD02	Mine water dam MWD03	Primary water dam	Site water reticulation	Cumulative (ie all CPP construction scenarios)
30	Standard	40	75	0	0	0	0	0	0	0	0	0	0	0	0
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
31	Standard	40	75	0	0	0	0	0	0	0	0	0	0	0	0
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
32	Standard	45	75	0	0	0	0	0	0	0	0	0	0	0	0
	OOH evening	39	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	36	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
33	Standard	45	75	0	0	0	0	0	0	0	0	0	0	0	0
	OOH evening	39	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	36	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
34	Standard	40	75	0	0	0	0	0	0	0	0	up to 3	0	0	up to 8
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
35	Standard	40	75	0	0	0	0	0	0	0	0	up to 1	0	0	up to 6
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
36	Standard	40	75	0	0	0	0	0	0	0	0	up to 2	0	0	up to 5
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0

Table D.3 Predicted CPP construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min											
				CPP area	Product stockpile	Rom stockpile pad	TLO pad and dam	Temporary rejects stockpiles	LV access roads	Mine water dam MWD01	Mine water dam MWD02	Mine water dam MWD03	Primary water dam	Site water reticulation	Cumulative (ie all CPP construction scenarios)
37	Standard	40	75	0	0	0	0	0	0	0	0	up to 3	0	0	up to 6
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
38	Standard	40	75	0	0	0	0	0	0	0	0	up to 2	0	0	up to 5
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
39	Standard	40	75	0	0	0	0	0	0	0	0	up to 5	0	0	up to 6
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
40	Standard	40	75	0	0	0	0	0	0	0	0	up to 3	0	0	up to 4
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
41	Standard	40	75	0	0	0	0	0	0	0	0	up to 5	0	0	up to 6
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
42	Standard	40	75	0	0	0	0	0	0	0	0	up to 6	0	0	up to 8
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
43	Standard	40	75	0	0	0	0	0	0	0	0	up to 1	0	0	up to 5
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0

Table D.3 Predicted CPP construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min											
				CPP area	Product stockpile	Rom stockpile pad	TLO pad and dam	Temporary rejects stockpiles	LV access roads	Mine water dam MWD01	Mine water dam MWD02	Mine water dam MWD03	Primary water dam	Site water reticulation	Cumulative (ie all CPP construction scenarios)
44	Standard	40	75	0	0	0	0	0	0	0	0	up to 5	0	0	up to 8
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
45	Standard	40	75	0	0	0	0	0	0	0	0	up to 6	0	0	up to 9
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
46	Standard	40	75	0	0	0	0	0	0	0	0	up to 7	0	0	up to 10
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
47	Standard	40	75	0	0	0	0	0	0	0	0	up to 8	0	0	up to 11
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
48	Standard	40	75	0	0	0	0	0	0	0	0	up to 10	0	0	up to 12
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
49	Standard	51	75	0	0	0	0	0	0	0	0	0	0	0	up to 2
	OOH evening	46	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	40	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
50	Standard	40	75	0	up to 1	0	0	0	0	0	0	up to 11	up to 2	0	up to 13
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0

Table D.3 Predicted CPP construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min											
				CPP area	Product stockpile	Rom stockpile pad	TLO pad and dam	Temporary rejects stockpiles	LV access roads	Mine water dam MWD01	Mine water dam MWD02	Mine water dam MWD03	Primary water dam	Site water reticulation	Cumulative (ie all CPP construction scenarios)
51	Standard	40	75	0	up to 3	up to 1	0	up to 1	up to 1	0	up to 2	up to 12	up to 4	0	up to 14
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
52	Standard	51	75	0	0	0	0	0	0	0	0	up to 1	0	0	up to 4
	OOH evening	46	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	40	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
53	Standard	51	75	0	0	0	0	0	0	0	0	up to 2	0	0	up to 5
	OOH evening	46	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	40	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
54	Standard	40	75	0	0	up to 3	0	0	up to 3	0	up to 4	up to 10	up to 7	0	1 to 14
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
55	Standard	51	75	0	0	0	0	0	0	0	0	0	0	0	up to 5
	OOH evening	46	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	40	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
56	Standard	40	75	0	0	0	0	0	0	0	0	up to 5	0	0	up to 9
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
57	Standard	40	75	0	0	0	0	0	0	0	0	up to 3	0	0	up to 7
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0

Table D.3 Predicted CPP construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min											
				CPP area	Product stockpile	Rom stockpile pad	TLO pad and dam	Temporary rejects stockpiles	LV access roads	Mine water dam MWD01	Mine water dam MWD02	Mine water dam MWD03	Primary water dam	Site water reticulation	Cumulative (ie all CPP construction scenarios)
58	Standard	40	75	0	0	0	0	0	0	0	0	0	0	0	up to 6
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
59	Standard	40	75	0	0	0	0	0	0	0	0	up to 1	up to 2	0	up to 7
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
60	Standard	40	75	0	0	0	0	0	0	0	0	0	up to 3	0	up to 8
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
61	Standard	40	75	0	0	0	up to 1	0	0	0	up to 3	up to 1	up to 7	0	up to 12
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
62	Standard	40	75	0	0	0	0	0	0	0	up to 2	0	up to 6	0	up to 10
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
63	Standard	40	75	up to 1	0	up to 3	up to 5	0	up to 3	0	up to 7	up to 1	2 to 12	0	4 to 15
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
64	Standard	40	75	0	up to 1	0	0	up to 1	0	up to 5	0	0	0	0	up to 10
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0

Table D.3 Predicted CPP construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min											
				CPP area	Product stockpile	Rom stockpile pad	TLO pad and dam	Temporary rejects stockpiles	LV access roads	Mine water dam MWD01	Mine water dam MWD02	Mine water dam MWD03	Primary water dam	Site water reticulation	Cumulative (ie all CPP construction scenarios)
65	Standard	40	75	0	0	0	0	0	0	up to 3	0	0	0	0	up to 8
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
66	Standard	40	75	up to 3	up to 1	0	up to 2	up to 1	0	up to 5	0	0	0	0	up to 11
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
67	Standard	40	75	0	0	0	0	0	0	up to 1	0	0	0	0	up to 6
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
68	Standard	40	75	0	0	0	0	0	0	up to 3	0	0	0	0	up to 8
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
69	Standard	40	75	0	0	0	0	0	0	0	0	0	0	0	up to 6
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
70	Standard	45	75	0	0	0	0	0	0	0	0	0	0	0	0
	OOH evening	39	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	36	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
71	Standard	40	75	0	0	0	0	0	0	0	0	0	0	0	up to 4
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0

Table D.3 Predicted CPP construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min											
				CPP area	Product stockpile	Rom stockpile pad	TLO pad and dam	Temporary rejects stockpiles	LV access roads	Mine water dam MWD01	Mine water dam MWD02	Mine water dam MWD03	Primary water dam	Site water reticulation	Cumulative (ie all CPP construction scenarios)
72	Standard	45	75	0	0	0	0	0	0	0	0	0	0	0	0
	OOH evening	39	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	36	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
73	Standard	45	75	0	0	0	0	0	0	0	0	0	0	0	0
	OOH evening	39	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	36	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
74	Standard	45	75	0	0	0	0	0	0	0	0	0	0	0	up to 1
	OOH evening	39	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	36	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
75	Standard	40	75	0	0	0	0	0	0	0	0	0	0	0	up to 4
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
76	Standard	40	75	0	0	0	0	0	0	0	0	0	0	0	up to 1
	OOH evening	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0
	OOH night	35	n/a	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0

SURFACE INFRASTRUCTURE AREA

Table D.4 Surface infrastructure area predicted access construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min			
				Surface infrastructure area earthworks/pavement & dam/drainage	Surface infrastructure area	Mine water dam MWD03	Cumulative (ie all early works construction scenarios)
1	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
2	Standard	40	75	0	0	0	up to 1
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
3	Standard	40	75	0	0	up to 1	up to 4
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
4	Standard	40	75	0	up to 1	up to 1	up to 4
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
5	Standard	40	75	0	up to 1	up to 1	up to 4
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
6	Standard	40	75	0	0	0	up to 3
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0

Table D.4 **Surface infrastructure area predicted access construction noise levels**

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min			
				Surface infrastructure area earthworks/pavement & dam/drainage	Surface infrastructure area	Mine water dam MWD03	Cumulative (ie all early works construction scenarios)
7	Standard	40	75	0	0	0	up to 2
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
8	Standard	40	75	0	0	0	up to 3
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
10	Standard	40	75	up to 1	up to 2	up to 1	up to 5
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
12	Standard	40	75	up to 5	up to 6	up to 5	up to 8
	OOH evening	35	n/a	n/a	up to 3	n/a	up to 3
	OOH night	35	n/a	n/a	up to 3	n/a	up to 3
13	Standard	40	75	up to 3	up to 4	up to 4	up to 7
	OOH evening	35	n/a	n/a	up to 1	n/a	up to 1
	OOH night	35	n/a	n/a	up to 1	n/a	up to 1
14A, 15B	Standard	40	75	0	up to 1	0	up to 3
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
15	Standard	40	75	0	up to 1	0	up to 3
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0

Table D.4 **Surface infrastructure area predicted access construction noise levels**

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min			
				Surface infrastructure area earthworks/pavement & dam/drainage	Surface infrastructure area	Mine water dam MWD03	Cumulative (ie all early works construction scenarios)
16	Standard	40	75	0	up to 4	0	up to 5
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
17	Standard	51	75	0	0	0	0
	OOH evening	46	n/a	n/a	0	n/a	0
	OOH night	40	n/a	n/a	0	n/a	0
18	Standard	51	75	0	0	0	0
	OOH evening	46	n/a	n/a	0	n/a	0
	OOH night	40	n/a	n/a	0	n/a	0
19	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
20	Standard	45	75	0	0	0	0
	OOH evening	39	n/a	n/a	0	n/a	0
	OOH night	36	n/a	n/a	0	n/a	0
21	Standard	45	75	0	0	0	0
	OOH evening	39	n/a	n/a	0	n/a	0
	OOH night	36	n/a	n/a	0	n/a	0
22	Standard	45	75	0	0	0	0
	OOH evening	39	n/a	n/a	0	n/a	0
	OOH night	36	n/a	n/a	0	n/a	0

Table D.4 **Surface infrastructure area predicted access construction noise levels**

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min			
				Surface infrastructure area earthworks/pavement & dam/drainage	Surface infrastructure area	Mine water dam MWD03	Cumulative (ie all early works construction scenarios)
23	Standard	45	75	0	0	0	0
	OOH evening	39	n/a	n/a	0	n/a	0
	OOH night	36	n/a	n/a	0	n/a	0
24	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
25	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
26	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
27	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
28	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
29	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0

Table D.4 **Surface infrastructure area predicted access construction noise levels**

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min			
				Surface infrastructure area earthworks/pavement & dam/drainage	Surface infrastructure area	Mine water dam MWD03	Cumulative (ie all early works construction scenarios)
30	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
31	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
32	Standard	45	75	0	0	0	0
	OOH evening	39	n/a	n/a	0	n/a	0
	OOH night	36	n/a	n/a	0	n/a	0
33	Standard	45	75	0	0	0	0
	OOH evening	39	n/a	n/a	0	n/a	0
	OOH night	36	n/a	n/a	0	n/a	0
34	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
35	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
36	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0

Table D.4 **Surface infrastructure area predicted access construction noise levels**

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min			
				Surface infrastructure area earthworks/pavement & dam/drainage	Surface infrastructure area	Mine water dam MWD03	Cumulative (ie all early works construction scenarios)
37	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
38	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
39	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
40	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
41	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
42	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
43	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0

Table D.4 **Surface infrastructure area predicted access construction noise levels**

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min			
				Surface infrastructure area earthworks/pavement & dam/drainage	Surface infrastructure area	Mine water dam MWD03	Cumulative (ie all early works construction scenarios)
44	Standard	40	75	0	0	0	up to 2
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
45	Standard	40	75	0	0	0	up to 3
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
46	Standard	40	75	0	up to 1	up to 1	up to 4
	OOH evening	35	n/a	n/a	up to 1	n/a	up to 1
	OOH night	35	n/a	n/a	up to 1	n/a	up to 1
47	Standard	40	75	0	up to 2	up to 2	up to 5
	OOH evening	35	n/a	n/a	up to 2	n/a	up to 2
	OOH night	35	n/a	n/a	up to 2	n/a	up to 2
48	Standard	40	75	0	up to 3	up to 3	up to 6
	OOH evening	35	n/a	n/a	up to 3	n/a	up to 3
	OOH night	35	n/a	n/a	up to 3	n/a	up to 3
49	Standard	51	75	0	0	0	0
	OOH evening	46	n/a	n/a	0	n/a	0
	OOH night	40	n/a	n/a	0	n/a	0
50	Standard	40	75	0	0	up to 2	up to 4
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0

Table D.4 **Surface infrastructure area predicted access construction noise levels**

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min			
				Surface infrastructure area earthworks/pavement & dam/drainage	Surface infrastructure area	Mine water dam MWD03	Cumulative (ie all early works construction scenarios)
51	Standard	40	75	up to 1	up to 2	0	up to 4
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
52	Standard	51	75	0	0	0	0
	OOH evening	46	n/a	n/a	0	n/a	0
	OOH night	40	n/a	n/a	0	n/a	0
53	Standard	51	75	0	0	0	0
	OOH evening	46	n/a	n/a	0	n/a	0
	OOH night	40	n/a	n/a	0	n/a	0
54	Standard	40	75	0	up to 3	up to 2	up to 6
	OOH evening	35	n/a	n/a	up to 2	n/a	up to 2
	OOH night	35	n/a	n/a	up to 2	n/a	up to 2
55	Standard	51	75	0	0	0	0
	OOH evening	46	n/a	n/a	0	n/a	0
	OOH night	40	n/a	n/a	up to 1	n/a	up to 1
56	Standard	40	75	0	0	0	up to 2
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
57	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0

Table D.4 **Surface infrastructure area predicted access construction noise levels**

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min			
				Surface infrastructure area earthworks/pavement & dam/drainage	Surface infrastructure area	Mine water dam MWD03	Cumulative (ie all early works construction scenarios)
58	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
59	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
60	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
61	Standard	40	75	0	0	0	up to 1
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
62	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
63	Standard	40	75	0	0	0	up to 3
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
64	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0

Table D.4 **Surface infrastructure area predicted access construction noise levels**

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min			
				Surface infrastructure area earthworks/pavement & dam/drainage	Surface infrastructure area	Mine water dam MWD03	Cumulative (ie all early works construction scenarios)
65	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
66	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
67	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
68	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
69	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
70	Standard	45	75	0	0	0	0
	OOH evening	39	n/a	n/a	0	n/a	0
	OOH night	36	n/a	n/a	0	n/a	0
71	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0

Table D.4 **Surface infrastructure area predicted access construction noise levels**

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB LAeq,15min			
				Surface infrastructure area earthworks/pavement & dam/drainage	Surface infrastructure area	Mine water dam MWD03	Cumulative (ie all early works construction scenarios)
72	Standard	45	75	0	0	0	0
	OOH evening	39	n/a	n/a	0	n/a	0
	OOH night	36	n/a	n/a	0	n/a	0
73	Standard	45	75	0	0	0	0
	OOH evening	39	n/a	n/a	0	n/a	0
	OOH night	36	n/a	n/a	0	n/a	0
74	Standard	45	75	0	0	0	0
	OOH evening	39	n/a	n/a	0	n/a	0
	OOH night	36	n/a	n/a	0	n/a	0
75	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0
76	Standard	40	75	0	0	0	0
	OOH evening	35	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	0	n/a	0

Overload Conveyor

Table D.5 Overland conveyor predicted access construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB $L_{Aeq,15min}$		
				OLC – earthworks	Mine water Dam MWD04	Cumulative (i.e. all OLC construction scenarios)
1	Standard	40	75	0	0	0
2	Standard	40	75	0	0	0
3	Standard	40	75	0	0	0
4	Standard	40	75	0	0	0
5	Standard	40	75	0	0	0
6	Standard	40	75	0	0	0
7	Standard	40	75	0	0	0
8	Standard	40	75	0	0	0
10	Standard	40	75	0	0	0
12	Standard	40	75	0	0	0
13	Standard	40	75	0	0	0
14A, 14B	Standard	40	75	0	0	0
15	Standard	40	75	0	0	0
16	Standard	40	75	0	0	0
17	Standard	55	75	0	0	0
18	Standard	51	75	0	0	0
19	Standard	40	75	0	0	0
20	Standard	45	75	0	0	0
21	Standard	45	75	0	0	0
22	Standard	45	75	0	0	0
23	Standard	45	75	0	0	0
24	Standard	40	75	0	0	0
25	Standard	40	75	0	0	0
26	Standard	40	75	0	0	0
27	Standard	40	75	0	0	0

Table D.5 Overland conveyor predicted access construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB $L_{Aeq,15min}$		
				OLC – earthworks	Mine water Dam MWD04	Cumulative (i.e. all OLC construction scenarios)
28	Standard	40	75	0	0	0
29	Standard	40	75	0	0	0
30	Standard	45	75	0	0	0
31	Standard	40	75	0	0	0
32	Standard	45	75	0	0	0
33	Standard	45	75	0	0	0
34	Standard	40	75	0	0	0
35	Standard	40	75	0	0	0
36	Standard	40	75	0	0	0
37	Standard	40	75	0	0	0
38	Standard	40	75	0	0	0
39	Standard	40	75	0	0	0
40	Standard	40	75	0	0	0
41	Standard	40	75	0	0	0
42	Standard	40	75	0	0	0
43	Standard	40	75	0	0	0
44	Standard	40	75	0	0	0
45	Standard	40	75	0	0	up to 2
46	Standard	40	75	0	up to 1	up to 4
47	Standard	40	75	up to 1	up to 2	up to 5
48	Standard	40	75	up to 2	up to 4	up to 6
49	Standard	51	75	0	0	up to 3
50	Standard	40	75	0	0	0
51	Standard	40	75	up to 5	up to 6	up to 9
52	Standard	51	75	up to 8	up to 9	up to 12
53	Standard	51	75	0	0	0
54	Standard	40	75	0	0	up to 1

Table D.5 Overland conveyor predicted access construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB $L_{Aeq,15min}$		
				OLC – earthworks	Mine water Dam MWD04	Cumulative (i.e. all OLC construction scenarios)
55	Standard	51	75	up to 6	up to 5	up to 8
56	Standard	40	75	0	0	up to 1
57	Standard	40	75	0	0	up to 2
58	Standard	40	75	0	0	0
59	Standard	40	75	0	0	0
60	Standard	40	75	0	0	up to 1
61	Standard	40	75	0	0	0
62	Standard	40	75	0	0	0
63	Standard	40	75	0	0	0
64	Standard	40	75	0	0	0
65	Standard	40	75	0	0	0
66	Standard	40	75	0	0	0
67	Standard	40	75	0	0	0
68	Standard	40	75	0	0	0
69	Standard	40	75	0	0	0
70	Standard	45	75	0	0	0
71	Standard	40	75	0	0	0
72	Standard	45	75	0	0	0
73	Standard	45	75	0	0	0
74	Standard	45	75	0	0	0
75	Standard	40	75	0	0	0
76	Standard	40	75	0	0	0

Ventilation shaft

Table D.6 Ventilation shaft predicted access construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB L _{Aeq,15min}					
				Shaft site access track	Shaft pad and dam	Ventilation shaft pad dam MWD07	Shaft drilling	Ventilation fans construction	Cumulative (ie all ventilation shaft construction scenarios)
1	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
2	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
3	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
4	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
5	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
6	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0

Table D.6 Ventilation shaft predicted access construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB $L_{Aeq,15min}$					
				Shaft site access track	Shaft pad and dam	Ventilation shaft pad dam MWD07	Shaft drilling	Ventilation fans construction	Cumulative (ie all ventilation shaft construction scenarios)
7	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
8	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
10	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
12	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	up to 3	0	n/a	up to 3
	OOH night	35	n/a	n/a	n/a	up to 3	0	n/a	up to 3
13	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	up to 1	0	n/a	up to 1
	OOH night	35	n/a	n/a	n/a	up to 1	0	n/a	up to 1
14A, 14B	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
15	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0

Table D.6 Ventilation shaft predicted access construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB $L_{Aeq,15min}$					
				Shaft site access track	Shaft pad and dam	Ventilation shaft pad dam MWD07	Shaft drilling	Ventilation fans construction	Cumulative (ie all ventilation shaft construction scenarios)
16	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
17	Standard	51	75	0	0	0	0	0	0
	OOH evening	46	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	40	n/a	n/a	n/a	n/a	0	n/a	0
18	Standard	51	75	0	0	0	0	0	0
	OOH evening	46	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	40	n/a	n/a	n/a	n/a	0	n/a	0
19	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
20	Standard	45	75	0	0	0	0	0	0
	OOH evening	39	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	36	n/a	n/a	n/a	n/a	0	n/a	0
21	Standard	45	75	0	0	0	0	0	0
	OOH evening	39	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	36	n/a	n/a	n/a	n/a	0	n/a	0
22	Standard	45	75	0	0	0	0	0	0
	OOH evening	39	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	36	n/a	n/a	n/a	n/a	0	n/a	0

Table D.6 Ventilation shaft predicted access construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB $L_{Aeq,15min}$					
				Shaft site access track	Shaft pad and dam	Ventilation shaft pad dam MWD07	Shaft drilling	Ventilation fans construction	Cumulative (ie all ventilation shaft construction scenarios)
23	Standard	45	75	0	0	0	0	0	0
	OOH evening	39	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	36	n/a	n/a	n/a	n/a	0	n/a	0
24	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
25	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
26	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
27	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
28	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
29	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0

Table D.6 Ventilation shaft predicted access construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB $L_{Aeq,15min}$					
				Shaft site access track	Shaft pad and dam	Ventilation shaft pad dam MWD07	Shaft drilling	Ventilation fans construction	Cumulative (ie all ventilation shaft construction scenarios)
30	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
31	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
32	Standard	45	75	0	0	0	0	0	0
	OOH evening	39	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	36	n/a	n/a	n/a	n/a	0	n/a	0
33	Standard	45	75	0	0	0	0	0	0
	OOH evening	39	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	36	n/a	n/a	n/a	n/a	0	n/a	0
34	Standard	40	75	up to 2	0	0	0	0	up to 4
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
35	Standard	40	75	0	0	0	0	0	up to 3
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
36	Standard	40	75	up to 2	0	up to 1	0	0	up to 5
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0

Table D.6 Ventilation shaft predicted access construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB $L_{Aeq,15min}$					
				Shaft site access track	Shaft pad and dam	Ventilation shaft pad dam MWD07	Shaft drilling	Ventilation fans construction	Cumulative (ie all ventilation shaft construction scenarios)
37	Standard	40	75	1 to 5	0	up to 3	0	0	1 to 8
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
38	Standard	40	75	up to 3	0	up to 2	0	0	up to 6
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
39	Standard	40	75	3 to 7	0	up to 5	0	0	3 to 10
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
40	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
41	Standard	40	75	1 to 5	0	up to 3	0	0	1 to 8
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
42	Standard	40	75	3 to 7	0	up to 5	0	0	3 to 9
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
43	Standard	40	75	0	0	0	0	0	up to 1
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0

Table D.6 Ventilation shaft predicted access construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB $L_{Aeq,15min}$					
				Shaft site access track	Shaft pad and dam	Ventilation shaft pad dam MWD07	Shaft drilling	Ventilation fans construction	Cumulative (ie all ventilation shaft construction scenarios)
44	Standard	40	75	0	0	0	0	0	up to 2
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
45	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
46	Standard	40	75	0	0	0	0	0	up to 1
	OOH evening	35	n/a	n/a	n/a	up to 1	0	n/a	up to 1
	OOH night	35	n/a	n/a	n/a	up to 1	0	n/a	up to 1
47	Standard	40	75	0	0	0	0	0	up to 1
	OOH evening	35	n/a	n/a	n/a	up to 2	0	n/a	up to 2
	OOH night	35	n/a	n/a	n/a	up to 2	0	n/a	up to 2
48	Standard	40	75	up to 1	0	0	0	0	up to 3
	OOH evening	35	n/a	n/a	n/a	up to 3	0	n/a	up to 3
	OOH night	35	n/a	n/a	n/a	up to 3	0	n/a	up to 3
49	Standard	51	75	0	0	0	0	0	0
	OOH evening	46	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	40	n/a	n/a	n/a	n/a	0	n/a	0
50	Standard	40	75	up to 1	0	0	0	0	up to 3
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0

Table D.6 Ventilation shaft predicted access construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB $L_{Aeq,15min}$					
				Shaft site access track	Shaft pad and dam	Ventilation shaft pad dam MWD07	Shaft drilling	Ventilation fans construction	Cumulative (ie all ventilation shaft construction scenarios)
51	Standard	40	75	4 to 8	0	0	0	0	4 to 8
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
52	Standard	51	75	0	0	0	0	0	0
	OOH evening	46	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	40	n/a	n/a	n/a	n/a	0	n/a	0
53	Standard	51	75	0	0	0	0	0	0
	OOH evening	46	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	40	n/a	n/a	n/a	0	0	n/a	0
54	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	up to 2	0	n/a	up to 2
	OOH night	35	n/a	n/a	n/a	up to 2	0	n/a	up to 2
55	Standard	51	75	0	0	0	0	0	0
	OOH evening	46	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	40	n/a	n/a	n/a	up to 1	0	n/a	up to 1
56	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
57	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0

Table D.6 Ventilation shaft predicted access construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB $L_{Aeq,15min}$					
				Shaft site access track	Shaft pad and dam	Ventilation shaft pad dam MWD07	Shaft drilling	Ventilation fans construction	Cumulative (ie all ventilation shaft construction scenarios)
58	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
59	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
60	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
61	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
62	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
63	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
64	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0

Table D.6 Ventilation shaft predicted access construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB $L_{Aeq,15min}$					
				Shaft site access track	Shaft pad and dam	Ventilation shaft pad dam MWD07	Shaft drilling	Ventilation fans construction	Cumulative (ie all ventilation shaft construction scenarios)
65	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
66	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
67	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
68	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
69	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
70	Standard	45	75	0	0	0	0	0	0
	OOH evening	39	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	36	n/a	n/a	n/a	n/a	0	n/a	0
71	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0

Table D.6 Ventilation shaft predicted access construction noise levels

Assessment location (Figure 2.1)	Period	Noise affected NML, dB	Highly noise affected NML, dB	Predicted construction noise level above noise affected NML, dB L _{Aeq,15min}					
				Shaft site access track	Shaft pad and dam	Ventilation shaft pad dam MWD07	Shaft drilling	Ventilation fans construction	Cumulative (ie all ventilation shaft construction scenarios)
72	Standard	45	75	0	0	0	0	0	0
	OOH evening	39	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	36	n/a	n/a	n/a	n/a	0	n/a	0
73	Standard	45	75	0	0	0	0	0	0
	OOH evening	39	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	36	n/a	n/a	n/a	n/a	0	n/a	0
74	Standard	45	75	0	0	0	0	0	0
	OOH evening	39	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	36	n/a	n/a	n/a	n/a	0	n/a	0
75	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0
76	Standard	40	75	0	0	0	0	0	0
	OOH evening	35	n/a	n/a	n/a	n/a	0	n/a	0
	OOH night	35	n/a	n/a	n/a	n/a	0	n/a	0



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