

Figure 8.1: Noise Monitoring and Receptor Locations



Legend

A-B Noise monitoring locations

R1-R5 Receptor locations

Note: Plan not to scale

Appendix 8.1: Acoustic Terminology

Ambient noise	The sound pressure level at a given location (i.e. sound from all sources).
A-weighting	A weighting applied to the frequencies which make up a sound pressure level to mimic the response of the human ear. The resultant level after application of the weighting is called the 'A-weighted sound pressure level' and is denoted by dB(A) or by using a subscript A (e.g. dBLA90).
Background noise	The noise measured in the absence of the noise under investigation.
Broadband sound	Sound which contains all the frequencies.
Decibel (dB)	A logarithmic measurement scale used for sound pressure levels. This scale is used because the simple use of sound pressures would be unwieldy as the range of pressures to which the human ear responds is very large. The normal threshold of hearing at 1kHz is 0dB. A level of 120dBLAeq is very loud (L signifies level and the A and eq are explained under A-weighting and Leq). Some night club dance floors can have sound levels of around 110 dBLAeq. In the workplace the wearing of hearing protection is compulsory for staff who experience a noise level of over 85dBLAeq averaged over an 8-hour day and is normally used when the levels are over 80dBLAeq averaged over the 8-hour day. Noise intrusion levels into bedrooms (e.g. from traffic noise) are often controlled to below 30dBLAeq in the design of new properties. Noise levels of below 20dBLAeq are very quiet and would normally only be achieved in a well-designed recording studio. Although noise calculations are normally carried out using figures to 1 decimal place the results are often presented to the nearest dB as changes of a fraction of a dB are not normally perceptible even in controlled conditions.
Facade noise level	Noise level including a contribution from the reflection from a building facade, usually measured at 1m from the facade.
Free field	Noise levels with no contribution from reflections from nearby structures.
Hertz	The units used for frequency denoted by Hz, i.e. the number of cycles of pressure fluctuation per second. K used in front of Hz represents 1000 (1kHz = 1000Hz). High frequency sounds (e.g. 8kHz) are high pitched and low frequency sounds (e.g. 63Hz) are the bass notes.

Leq	A parameter used to denote the 'equivalent continuous sound pressure level'. This is the sound pressure level of a continuous sound that would contain the same energy as the varying sound being measured or investigated. LAeq is the parameter used to denote the 'A-weighted equivalent continuous sound pressure level' (see A-weighting) and the time period can also be included in subscript, e.g. LAeq,1hr.
L90	A statistical parameter often used for the measurement of background noise levels. It is the level exceeded for 90% of the time period being considered. If A-weighted a subscript A is included and the time period can also be included in subscript, e.g. LA90,15min.
Lmax	The maximum noise level which occurred during the monitoring period. LAmax,f denotes the maximum A-weighted sound pressure level using the fast time constant of 125ms.
Loudness	Although a 3dB increase is equivalent to a doubling of the sound power level of a sound source this increase is the minimum perceptible under normal conditions. It takes a 10dB change in noise level for it to sound roughly twice (or half) as loud subjectively.
Rating Level	A term used in BS4142. The 'Specific Noise Level' plus a 5dB weighting if the noise has certain characteristic features which may make it more disturbing.
Residual noise	The ambient noise remaining when the specific noise source being investigating is not contributing to the noise level at that location (normally measured using the LAeq parameter).
Specific Noise Level	A term used in BS4142. The LAeq noise level produced at the assessment position by the noise source being investigated over the reference time period (1-hour in the day and 5-mins at night).

Appendix 8.2: Instrumentation

Table A8.2.1: Sound Level Meters and Calibrator used in the Noise Survey.

Location	Meter	Meter Serial No.	Calibrator	Calibrator Serial No.
A	Rion NL-52	01076307	Rion NC-75	35270123
B	Rion NL-52	00564807	Rion NC-75	35270123

Appendix 8.3: Baseline Noise Survey Results

Noise Monitoring Results, Location A

Table A8.3.1: Daytime Noise Survey Data, Location A
Thursday 08/05/2025, Free field noise levels

Date	Time	dBL _{Aeq}	dBL _{Amax}	dBL _{A90}
08/05/2024	10:00:02	48.4	67.4	42.1
08/05/2024	11:00:02	46.9	66.1	42.0
08/05/2024	12:00:02	49.9	68.7	41.5
08/05/2024	13:00:02	46.9	67.2	42.4
08/05/2024	14:00:02	49.8	73.5	42.0
08/05/2024	15:00:02	48.6	67.0	42.1
08/05/2024	16:00:02	49.4	70.7	43.0
08/05/2024	17:00:02	50.3	72.6	42.5
08/05/2024	18:00:02	50.7	68.3	42.2
08/05/2024	19:00:02	50.1	69.6	40.9
08/05/2024	20:00:02	51.2	70.8	42.0
08/05/2024	21:00:02	48.1	70.8	43.4
08/05/2024	22:00:02	46.3	63.7	41.7
Average		49.2	-	42.1
Highest		51.2	73.5	43.4
Lowest		46.3	63.7	40.9
Mode		-	-	42

Table A8.3.2: Daytime Noise Survey Data, Location A
Friday 09/05/2025, Free field noise levels

Date	Time	dBL _{Aeq}	dBL _{Amax}	dBL _{A90}
09/05/2024	07:00:02	49.4	68.0	43.9
09/05/2024	08:00:02	50.2	71.1	42.3
09/05/2024	09:00:02	51.5	76.5	41.8
09/05/2024	10:00:02	48.6	70.3	42.3
09/05/2024	11:00:02	47.2	70.0	42.0
09/05/2024	12:00:02	50.9	77.9	42.4
09/05/2024	13:00:02	47.8	68.6	43.6
09/05/2024	14:00:02	46.1	58.9	43.1
09/05/2024	15:00:02	50.0	72.1	43.8
09/05/2024	16:00:02	47.4	68.9	43.6
09/05/2024	17:00:02	47.3	64.1	43.1
09/05/2024	18:00:02	50.4	70.4	42.9
09/05/2024	19:00:02	51.2	69.0	41.6
09/05/2024	20:00:02	52.2	75.1	45.3
09/05/2024	21:00:02	49.9	82.9	44.8
09/05/2024	22:00:02	49.0	64.9	44.4
Average		49.6	-	43.2
Highest		52.2	82.9	45.3
Lowest		46.1	58.9	41.6
Mode		-	-	42

Table A8.3.3: Daytime Noise Survey Data, Location A
Saturday 10/05/2025, Free field noise levels

Date	Time	dBL _{Aeq}	dBL _{Amax}	dBL _{A90}
10/05/2024	07:00:02	51.7	70.2	43.9
10/05/2024	08:00:02	49.2	71.9	39.8
10/05/2024	09:00:02	48.5	68.3	41.1
10/05/2024	10:00:02	49.1	80.4	41.3
10/05/2024	11:00:02	47.7	63.0	43.4
10/05/2024	12:00:02	50.5	71.0	44.0
10/05/2024	13:00:02	49.3	69.6	44.9
10/05/2024	14:00:02	47.8	66.8	43.8
10/05/2024	15:00:02	47.3	65.2	43.5
10/05/2024	16:00:02	49.1	74.8	43.9
10/05/2024	17:00:02	49.2	71.0	42.9
10/05/2024	18:00:02	51.3	70.4	42.6
10/05/2024	19:00:02	51.4	73.0	42.2
10/05/2024	20:00:02	50.8	68.8	44.7
10/05/2024	21:00:02	49.5	69.5	44.2
10/05/2024	22:00:02	48.0	65.4	43.6
Average		49.6	-	43.1
Highest		51.7	80.4	44.9
Lowest		47.3	63.0	39.8
Mode		-	-	44

Table A8.3.4: Daytime Noise Survey Data, Location A
Sunday 11/05/2025, Free field noise levels

Date	Time	dBL _{Aeq}	dBL _{Amax}	dBL _{A90}
11/05/2024	07:00:02	51.9	72.8	42.0
11/05/2024	08:00:02	48.8	73.5	38.0
11/05/2024	09:00:02	50.8	77.9	40.2
11/05/2024	10:00:02	48.2	70.0	40.7
11/05/2024	11:00:02	50.2	77.8	42.0
11/05/2024	12:00:02	53.7	77.1	43.6
11/05/2024	13:00:02	52.3	82.7	43.4
11/05/2024	14:00:02	46.1	63.4	42.4
11/05/2024	15:00:02	51.2	82.4	43.9
11/05/2024	16:00:02	50.9	74.1	41.4
11/05/2024	17:00:02	51.6	81.6	41.3
11/05/2024	18:00:02	49.9	72.3	40.4
11/05/2024	19:00:02	50.3	69.5	40.9
11/05/2024	20:00:02	51.5	75.1	41.2
11/05/2024	21:00:02	50.0	69.8	41.8
11/05/2024	22:00:02	44.3	62.2	39.0
Average		50.6	-	41.4
Highest		53.7	82.7	43.9
Lowest		44.3	62.2	38.0
Mode		-	-	41

Table A8.3.5: Night-time & Sunrise Noise Survey Data, Location A
Thursday 08/05/2025 – Friday 09/05/2025, Free field noise levels

Date	Time	dBL _{Aeq}	dBL _{Amax}	dBL _{A90}
08/05/2024	23:00:02	50.3	71.4	42.1
08/05/2024	23:15:02	45.8	58.2	40.7
08/05/2024	23:30:02	43.8	56.3	39.4
08/05/2024	23:45:02	44.5	57.8	38.5
09/05/2024	00:00:02	41.2	52.0	36.8
09/05/2024	00:15:02	40.6	53.0	36.3
09/05/2024	00:30:02	41.5	51.3	36.8
09/05/2024	00:45:02	43.1	64.3	37.3
09/05/2024	01:00:02	42.7	55.6	37.2
09/05/2024	01:15:02	42.4	55.6	37.1
09/05/2024	01:30:02	42.2	57.4	36.4
09/05/2024	01:45:02	42.1	55.4	36.3
09/05/2024	02:00:02	42.6	53.7	36.9
09/05/2024	02:15:02	42.4	56.1	37.2
09/05/2024	02:30:02	41.3	55.0	36.4
09/05/2024	02:45:02	42.1	53.3	36.6
09/05/2024	03:00:02	41.7	57.9	35.7
09/05/2024	03:15:02	41.7	54.8	36.4
09/05/2024	03:30:02	43.1	57.2	38.2
09/05/2024	03:45:02	42.5	53.9	37.1
09/05/2024	04:00:02	42.6	54.4	36.9
09/05/2024	04:15:02	43.6	58.0	38.3
09/05/2024	04:30:02	45.2	58.0	39.2
09/05/2024	04:45:02	55.0	70.6	44.3
09/05/2024	05:00:02	54.0	69.5	45.1
09/05/2024	05:15:02	51.5	68.4	45.7
09/05/2024	05:30:02	52.6	65.2	46.9
09/05/2024	05:45:02	52.3	63.3	47.8
09/05/2024	06:00:02	52.2	66.1	48.4
09/05/2024	06:15:02	52.8	67.0	47.8
09/05/2024	06:30:02	51.3	62.6	46.8
09/05/2024	06:45:02	52.7	67.2	47.4
Night-time 23:00-07:00 hrs				
Average		48.5	-	40.1
Highest		55.0	71.4	48.4
Lowest		40.6	51.3	35.7
Mode		-	-	37
Sunrise 04:30-07:00 hrs				
Average		52.5	-	45.9
Highest		55.0	70.6	48.4
Lowest		45.2	58.0	39.2
Mode		-	-	47

Table A8.3.6: Night-time & Sunrise Noise Survey Data, Location A
Friday 09/05/2025 – Saturday 10/05/2025, Free field noise levels

Date	Time	dBL _{Aeq}	dBL _{Amax}	dBL _{A90}
09/05/2024	23:00:02	49.4	60.4	45.1
09/05/2024	23:15:02	49.5	65.6	44.3
09/05/2024	23:30:02	47.2	57.3	42.4
09/05/2024	23:45:02	47.7	60.0	42.3
10/05/2024	00:00:02	45.9	60.3	40.0
10/05/2024	00:15:02	45.6	65.1	39.7
10/05/2024	00:30:02	44.0	58.5	38.9
10/05/2024	00:45:02	47.9	66.8	39.1
10/05/2024	01:00:02	42.8	58.0	38.1
10/05/2024	01:15:02	45.7	68.2	39.0
10/05/2024	01:30:02	43.7	57.2	38.2
10/05/2024	01:45:02	43.1	61.9	37.4
10/05/2024	02:00:02	42.8	56.6	37.7
10/05/2024	02:15:02	44.0	64.2	38.0
10/05/2024	02:30:02	43.7	58.4	37.7
10/05/2024	02:45:02	42.1	57.9	37.0
10/05/2024	03:00:02	41.9	53.5	36.9
10/05/2024	03:15:02	42.8	57.2	37.1
10/05/2024	03:30:02	42.7	59.5	37.5
10/05/2024	03:45:02	43.7	60.3	38.3
10/05/2024	04:00:02	44.3	59.3	38.3
10/05/2024	04:15:02	43.7	58.7	38.1
10/05/2024	04:30:02	48.0	66.5	40.9
10/05/2024	04:45:02	49.7	69.5	43.0
10/05/2024	05:00:02	50.0	70.7	42.9
10/05/2024	05:15:02	50.7	61.1	43.8
10/05/2024	05:30:02	50.7	61.7	43.8
10/05/2024	05:45:02	52.5	71.7	46.0
10/05/2024	06:00:02	51.0	67.8	44.0
10/05/2024	06:15:02	50.4	63.3	44.0
10/05/2024	06:30:02	50.8	63.0	45.1
10/05/2024	06:45:02	51.2	61.6	46.8
Night-time 23:00-07:00 hrs				
Average		47.8	-	40.7
Highest		52.5	71.7	46.8
Lowest		41.9	53.5	36.9
Mode		-	-	38
Sunrise 04:30-07:00 hrs				
Average		50.6	-	44.0
Highest		52.5	71.7	46.8
Lowest		48.0	61.1	40.9
Mode		-	-	44

Table A8.3.7: Night-time & Sunrise Noise Survey Data, Location A
Saturday 10/05/2025 – Sunday 11/05/2025, Free field noise levels

Date	Time	dBL _{Aeq}	dBL _{Amax}	dBL _{A90}
10/05/2024	23:00:02	47.9	63.7	41.5
10/05/2024	23:15:02	46.9	61.0	41.0
10/05/2024	23:30:02	47.2	63.7	41.3
10/05/2024	23:45:02	46.7	58.8	40.8
11/05/2024	00:00:02	47.3	64.9	41.7
11/05/2024	00:15:02	45.4	58.3	39.1
11/05/2024	00:30:02	43.7	57.4	38.2
11/05/2024	00:45:02	43.5	53.5	38.8
11/05/2024	01:00:02	44.6	59.8	38.2
11/05/2024	01:15:02	45.1	61.4	38.8
11/05/2024	01:30:02	44.3	58.9	39.0
11/05/2024	01:45:02	42.6	55.7	38.3
11/05/2024	02:00:02	45.2	60.7	39.7
11/05/2024	02:15:02	43.4	56.0	38.5
11/05/2024	02:30:02	44.2	59.2	38.4
11/05/2024	02:45:02	43.6	57.8	38.4
11/05/2024	03:00:02	41.9	54.5	37.4
11/05/2024	03:15:02	43.7	59.5	37.5
11/05/2024	03:30:02	43.2	56.0	37.3
11/05/2024	03:45:02	44.2	55.5	39.3
11/05/2024	04:00:02	43.9	56.7	38.6
11/05/2024	04:15:02	44.1	59.0	38.6
11/05/2024	04:30:02	46.4	58.9	40.7
11/05/2024	04:45:02	50.7	69.7	41.1
11/05/2024	05:00:02	51.1	74.0	43.0
11/05/2024	05:15:02	51.0	63.9	42.3
11/05/2024	05:30:02	51.9	70.7	43.5
11/05/2024	05:45:02	52.5	65.1	43.0
11/05/2024	06:00:02	50.9	66.4	43.1
11/05/2024	06:15:02	51.2	66.8	43.6
11/05/2024	06:30:02	52.0	65.2	44.9
11/05/2024	06:45:02	51.2	67.3	44.1
Night-time 23:00-07:00 hrs				
Average		47.9	-	40.3
Highest		52.5	74.0	44.9
Lowest		41.9	53.5	37.3
Mode		-	-	39
Sunrise 04:30-07:00 hrs				
Average		51.1	-	42.9
Highest		52.5	74.0	44.9
Lowest		46.4	58.9	40.7
Mode		-	-	43

Table A8.3.8: Night-time & Sunrise Noise Survey Data, Location A
Sunday 11/05/2025 – Monday 12/05/2025, Free field noise levels

Date	Time	dBL _{Aeq}	dBL _{Amax}	dBL _{A90}
11/05/2024	23:00:02	42.6	63.4	36.4
11/05/2024	23:15:02	42.6	55.6	37.5
11/05/2024	23:30:02	43.7	57.3	37.7
11/05/2024	23:45:02	43.6	60.5	36.7
12/05/2024	00:00:02	41.6	55.1	35.6
12/05/2024	00:15:02	40.5	52.6	35.5
12/05/2024	00:30:02	38.2	57.0	33.8
12/05/2024	00:45:02	47.8	71.5	34.2
12/05/2024	01:00:02	39.1	51.3	34.6
12/05/2024	01:15:02	40.4	51.4	35.2
12/05/2024	01:30:02	38.4	55.4	34.1
12/05/2024	01:45:02	40.0	55.8	34.3
12/05/2024	02:00:02	39.4	53.6	34.4
12/05/2024	02:15:02	40.0	54.6	34.6
12/05/2024	02:30:02	40.3	53.7	35.1
12/05/2024	02:45:02	39.0	53.2	34.3
12/05/2024	03:00:02	38.9	53.6	33.9
12/05/2024	03:15:02	41.3	53.9	35.2
12/05/2024	03:30:02	40.7	53.2	34.8
12/05/2024	03:45:02	39.9	51.8	35.5
12/05/2024	04:00:02	43.5	58.6	37.3
12/05/2024	04:15:02	42.9	56.7	37.6
12/05/2024	04:30:02	51.6	67.8	41.1
12/05/2024	04:45:02	54.6	70.4	44.6
12/05/2024	05:00:02	55.2	71.1	46.7
12/05/2024	05:15:02	53.2	67.2	46.7
12/05/2024	05:30:02	52.8	68.1	48.0
12/05/2024	05:45:02	52.9	67.8	48.6
12/05/2024	06:00:02	54.0	66.6	48.8
12/05/2024	06:15:02	54.6	68.2	48.9
12/05/2024	06:30:02	51.4	69.9	46.4
12/05/2024	06:45:02	52.7	70.0	44.9
Night-time 23:00-07:00 hrs				
Average		49.0	-	38.8
Highest		55.2	71.5	48.9
Lowest		38.2	51.3	33.8
Mode		-	-	34
Sunrise 04:30-07:00 hrs				
Average		53.5	-	46.5
Highest		55.2	71.1	48.9
Lowest		51.4	66.6	41.1
Mode		-	-	49

Noise Monitoring Results, Location B

Table A8.3.9: Daytime Noise Survey Data, Location B
Thursday 08/05/2025, Free field noise levels

Date	Time	dBL _{Aeq}	dBL _{Amax}	dBL _{A90}
08/05/2025	11:00:00	54.9	75.5	41.2
08/05/2025	12:00:00	54.3	76.3	39.5
08/05/2025	13:00:00	57.4	78.9	40.5
08/05/2025	14:00:00	51.1	78.9	39.7
08/05/2025	15:00:00	41.1	56.6	38.7
08/05/2025	16:00:00	44.5	64.5	39.5
08/05/2025	17:00:00	49.7	81.3	38.7
08/05/2025	18:00:00	55.3	81.9	38.3
08/05/2025	19:00:00	52.7	75.3	38.3
08/05/2025	20:00:00	43.2	57.9	39.1
08/05/2025	21:00:00	40.5	57.0	38.3
08/05/2025	22:00:00	39.7	60.3	37.4
Average		52.1	-	39.1
Highest		57.4	81.9	41.2
Lowest		39.7	56.6	37.4
Mode		-	-	40

Table A8.3.10: Daytime Noise Survey Data, Location B
Friday 09/05/2025, Free field noise levels

Date	Time	dBL _{Aeq}	dBL _{Amax}	dBL _{A90}
09/05/2025	07:00:00	43.2	65.0	41.0
09/05/2025	08:00:00	44.6	63.0	39.6
09/05/2025	09:00:00	43.8	64.4	40.7
09/05/2025	10:00:00	48.5	73.3	40.8
09/05/2025	11:00:00	53.9	86.2	41.1
09/05/2025	12:00:00	44.0	63.3	41.3
09/05/2025	13:00:00	44.5	58.3	42.0
09/05/2025	14:00:00	45.4	70.6	42.1
09/05/2025	15:00:00	47.5	69.0	42.0
09/05/2025	16:00:00	50.6	78.8	41.7
09/05/2025	17:00:00	52.2	81.6	41.3
09/05/2025	18:00:00	53.9	77.3	40.2
09/05/2025	19:00:00	46.9	75.5	39.2
09/05/2025	20:00:00	50.4	80.6	40.4
09/05/2025	21:00:00	47.2	76.0	40.4
09/05/2025	22:00:00	43.2	63.3	39.8
Average		49.1	-	40.9
Highest		53.9	86.2	42.1
Lowest		43.2	58.3	39.2
Mode		-	-	41

Table A8.3.11: Daytime Noise Survey Data, Location B
Saturday 10/05/2025, Free field noise levels

Date	Time	dBL _{Aeq}	dBL _{Amax}	dBL _{A90}
10/05/2025	07:00:00	44.8	65.4	39.5
10/05/2025	08:00:00	51.9	84.9	39.0
10/05/2025	09:00:00	51.3	84.2	40.2
10/05/2025	10:00:00	52.1	81.4	40.9
10/05/2025	11:00:00	53.4	83.8	42.6
10/05/2025	12:00:00	48.3	72.5	43.3
10/05/2025	13:00:00	51.7	78.5	43.3
10/05/2025	14:00:00	48.0	79.2	42.3
10/05/2025	15:00:00	44.8	65.2	41.7
10/05/2025	16:00:00	44.9	66.2	41.1
10/05/2025	17:00:00	59.3	85.5	40.6
10/05/2025	18:00:00	55.6	79.9	40.3
10/05/2025	19:00:00	50.9	78.4	40.6
10/05/2025	20:00:00	46.9	71.3	41.4
10/05/2025	21:00:00	43.6	60.6	40.7
10/05/2025	22:00:00	43.0	55.9	40.0
Average		51.9	-	41.1
Highest		59.3	85.5	43.3
Lowest		43.0	55.9	39.0
Mode		-	-	41

Table A8.3.12: Daytime Noise Survey Data, Location B
Sunday 11/05/2025, Free field noise levels

Date	Time	dBL _{Aeq}	dBL _{Amax}	dBL _{A90}
11/05/2025	07:00:00	41.8	66.5	37.6
11/05/2025	08:00:00	42.5	61.1	38.1
11/05/2025	09:00:00	44.1	77.3	38.9
11/05/2025	10:00:00	43.1	63.3	39.8
11/05/2025	11:00:00	44.2	67.2	40.9
11/05/2025	12:00:00	45.3	59.5	41.9
11/05/2025	13:00:00	44.6	58.0	41.5
11/05/2025	14:00:00	42.6	58.9	39.8
11/05/2025	15:00:00	45.3	63.8	41.7
11/05/2025	16:00:00	43.8	69.6	39.9
11/05/2025	17:00:00	46.0	67.9	39.0
11/05/2025	18:00:00	43.4	69.6	39.5
11/05/2025	19:00:00	40.4	65.7	37.0
11/05/2025	20:00:00	42.2	61.6	38.0
11/05/2025	21:00:00	45.6	79.6	38.1
11/05/2025	22:00:00	47.9	85.4	36.7
Average		44.3	-	39.3
Highest		47.9	85.4	41.9
Lowest		40.4	58.0	36.7
Mode		-	-	38

Table A8.3.13: Night-time & Sunrise Noise Survey Data, Location B
Thursday 08/05/2025 – Friday 09/05/2025, Free field noise levels

Date	Time	dBL _{Aeq}	dBL _{Amax}	dBL _{A90}
08/05/2025	23:00:00	41.0	52.2	37.6
08/05/2025	23:15:00	37.8	44.7	35.5
08/05/2025	23:30:00	36.3	44.8	33.6
08/05/2025	23:45:00	37.4	47.4	34.6
09/05/2025	00:00:00	36.2	44.4	33.4
09/05/2025	00:15:00	35.2	44.7	32.7
09/05/2025	00:30:00	35.9	43.7	34.1
09/05/2025	00:45:00	36.7	46.4	34.4
09/05/2025	01:00:00	37.0	47.6	34.8
09/05/2025	01:15:00	37.4	45.1	34.9
09/05/2025	01:30:00	38.4	46.9	36.1
09/05/2025	01:45:00	36.6	47.4	34.4
09/05/2025	02:00:00	38.2	45.2	35.3
09/05/2025	02:15:00	38.8	48.9	36.0
09/05/2025	02:30:00	39.7	51.3	36.5
09/05/2025	02:45:00	39.1	46.9	36.7
09/05/2025	03:00:00	36.6	46.5	33.7
09/05/2025	03:15:00	36.9	44.4	34.2
09/05/2025	03:30:00	38.9	49.4	36.0
09/05/2025	03:45:00	39.1	49.4	35.4
09/05/2025	04:00:00	37.5	50.6	33.8
09/05/2025	04:15:00	37.1	48.2	33.9
09/05/2025	04:30:00	37.8	53.7	34.5
09/05/2025	04:45:00	43.1	51.5	39.9
09/05/2025	05:00:00	43.8	60.0	39.3
09/05/2025	05:15:00	45.7	60.9	41.5
09/05/2025	05:30:00	42.6	48.9	40.6
09/05/2025	05:45:00	41.0	53.7	39.1
09/05/2025	06:00:00	44.6	61.6	41.9
09/05/2025	06:15:00	47.6	60.8	42.0
09/05/2025	06:30:00	47.1	68.6	41.8
09/05/2025	06:45:00	44.2	54.6	42.3
Night-time 23:00-07:00 hrs				
Average		41.1	-	36.6
Highest		47.6	68.6	42.3
Lowest		35.2	43.7	32.7
Mode		-	-	34
Sunrise 04:30-07:00 hrs				
Average		44.5	-	40.3
Highest		47.6	68.6	42.3
Lowest		37.8	48.9	34.5
Mode		-	-	42

Table A8.3.14: Night-time & Sunrise Noise Survey Data, Location B
Friday 09/05/2025 – Saturday 10/05/2025, Free field noise levels

Date	Time	dBL _{Aeq}	dBL _{Amax}	dBL _{A90}
09/05/2025	23:00:00	43.0	53.8	39.7
09/05/2025	23:15:00	51.8	74.3	38.9
09/05/2025	23:30:00	42.6	63.5	37.6
09/05/2025	23:45:00	41.6	58.0	38.1
10/05/2025	00:00:00	41.2	55.1	37.8
10/05/2025	00:15:00	39.5	54.5	36.2
10/05/2025	00:30:00	38.5	57.1	35.3
10/05/2025	00:45:00	41.6	62.2	35.4
10/05/2025	01:00:00	39.1	57.8	35.2
10/05/2025	01:15:00	40.0	56.4	35.7
10/05/2025	01:30:00	43.2	63.9	33.8
10/05/2025	01:45:00	37.6	58.4	33.1
10/05/2025	02:00:00	49.2	77.0	34.3
10/05/2025	02:15:00	38.8	57.4	36.3
10/05/2025	02:30:00	38.7	49.9	35.5
10/05/2025	02:45:00	38.6	58.3	34.7
10/05/2025	03:00:00	36.3	48.6	34.0
10/05/2025	03:15:00	34.1	43.1	31.8
10/05/2025	03:30:00	35.9	55.0	31.8
10/05/2025	03:45:00	36.9	46.1	34.5
10/05/2025	04:00:00	35.8	50.5	33.3
10/05/2025	04:15:00	35.5	48.0	32.7
10/05/2025	04:30:00	48.7	76.2	35.6
10/05/2025	04:45:00	45.8	67.1	38.3
10/05/2025	05:00:00	53.1	79.1	37.3
10/05/2025	05:15:00	48.7	65.4	38.1
10/05/2025	05:30:00	64.6	85.7	38.8
10/05/2025	05:45:00	62.0	88.8	39.4
10/05/2025	06:00:00	61.2	85.3	40.2
10/05/2025	06:15:00	48.6	66.3	40.8
10/05/2025	06:30:00	49.1	66.1	41.6
10/05/2025	06:45:00	48.1	63.9	40.3
Night-time 23:00-07:00 hrs				
Average		53.3	-	36.4
Highest		64.6	88.8	41.6
Lowest		34.1	43.1	31.8
Mode		-	-	38
Sunrise 04:30-07:00 hrs				
Average		58.1	-	39.0
Highest		64.6	88.8	41.6
Lowest		45.8	63.9	35.6
Mode		-	-	38

Table A8.3.15: Night-time & Sunrise Noise Survey Data, Location B
Saturday 10/05/2025 – Sunday 11/05/2025, Free field noise levels

Date	Time	dBL _{Aeq}	dBL _{Amax}	dBL _{A90}
10/05/2025	23:00:00	41.0	54.8	37.9
10/05/2025	23:15:00	40.5	53.0	37.7
10/05/2025	23:30:00	38.2	50.6	35.7
10/05/2025	23:45:00	38.7	58.7	35.7
11/05/2025	00:00:00	39.3	53.6	36.8
11/05/2025	00:15:00	38.0	49.4	34.9
11/05/2025	00:30:00	37.3	56.1	33.9
11/05/2025	00:45:00	41.6	63.0	36.2
11/05/2025	01:00:00	39.2	45.8	36.8
11/05/2025	01:15:00	40.2	56.0	36.4
11/05/2025	01:30:00	39.3	56.5	36.6
11/05/2025	01:45:00	37.7	47.8	35.3
11/05/2025	02:00:00	39.9	59.8	36.3
11/05/2025	02:15:00	38.2	60.4	34.3
11/05/2025	02:30:00	39.7	52.8	36.5
11/05/2025	02:45:00	38.5	50.5	35.5
11/05/2025	03:00:00	37.4	50.2	34.8
11/05/2025	03:15:00	37.9	63.1	35.1
11/05/2025	03:30:00	34.7	42.9	32.7
11/05/2025	03:45:00	36.4	45.6	33.6
11/05/2025	04:00:00	36.6	44.9	34.2
11/05/2025	04:15:00	36.1	46.5	33.1
11/05/2025	04:30:00	37.1	49.3	33.5
11/05/2025	04:45:00	41.0	59.0	37.2
11/05/2025	05:00:00	50.2	74.6	37.5
11/05/2025	05:15:00	44.6	64.2	36.9
11/05/2025	05:30:00	41.3	59.5	37.3
11/05/2025	05:45:00	41.2	58.4	37.8
11/05/2025	06:00:00	42.3	55.8	38.6
11/05/2025	06:15:00	41.6	52.3	38.6
11/05/2025	06:30:00	43.0	59.7	37.9
11/05/2025	06:45:00	40.2	57.7	36.7
Night-time 23:00-07:00 hrs				
Average		41.0	-	36.0
Highest		50.2	74.6	38.6
Lowest		34.7	42.9	32.7
Mode		-	-	37
Sunrise 04:30-07:00 hrs				
Average		43.8	-	37.2
Highest		50.2	74.6	38.6
Lowest		37.1	49.3	33.5
Mode		-	-	37

Table A8.3.16: Night-time & Sunrise Noise Survey Data, Location B
Sunday 11/05/2025 – Monday 12/05/2025, Free field noise levels

Date	Time	dBL _{Aeq}	dBL _{Amax}	dBL _{A90}
11/05/2025	23:00:00	38.3	47.4	35.7
11/05/2025	23:15:00	39.5	55.8	35.2
11/05/2025	23:30:00	38.1	55.1	34.1
11/05/2025	23:45:00	43.8	66.4	34.3
12/05/2025	00:00:00	38.7	61.4	34.8
12/05/2025	00:15:00	36.7	45.3	34.5
12/05/2025	00:30:00	35.6	44.8	33.8
12/05/2025	00:45:00	38.9	52.4	34.9
12/05/2025	01:00:00	37.1	44.9	35.4
12/05/2025	01:15:00	38.0	61.6	34.1
12/05/2025	01:30:00	37.0	59.9	33.0
12/05/2025	01:45:00	37.1	44.1	35.4
12/05/2025	02:00:00	35.8	54.3	33.3
12/05/2025	02:15:00	37.3	45.9	35.2
12/05/2025	02:30:00	37.9	53.9	34.2
12/05/2025	02:45:00	35.5	44.3	33.4
12/05/2025	03:00:00	37.0	46.6	34.5
12/05/2025	03:15:00	37.5	53.6	34.5
12/05/2025	03:30:00	38.5	51.8	35.3
12/05/2025	03:45:00	38.0	48.5	35.0
12/05/2025	04:00:00	37.8	49.2	35.6
12/05/2025	04:15:00	39.2	47.4	36.2
12/05/2025	04:30:00	41.9	55.3	38.6
12/05/2025	04:45:00	44.5	52.0	41.7
12/05/2025	05:00:00	45.2	57.7	42.4
12/05/2025	05:15:00	46.3	55.6	43.1
12/05/2025	05:30:00	46.4	53.2	44.0
12/05/2025	05:45:00	46.4	57.8	43.9
12/05/2025	06:00:00	46.7	55.7	44.1
12/05/2025	06:15:00	46.4	54.1	44.7
12/05/2025	06:30:00	46.6	55.2	44.9
12/05/2025	06:45:00	47.0	53.6	44.9
Night-time 23:00-07:00 hrs				
Average		42.3	-	37.3
Highest		47.0	66.4	44.9
Lowest		35.5	44.1	33.0
Mode		-	-	35
Sunrise 04:30-07:00 hrs				
Average		45.9	-	43.2
Highest		47.0	57.8	44.9
Lowest		41.9	52.0	38.6
Mode		-	-	44