

4 Results

4.1 Total measured noise levels and atmospheric conditions

Total noise levels measured during each 15-minute attended measurement are provided in Table 4.1.

Table 4.1 **Total measured noise levels, dB – January 2025** ¹

Location	Period	Start date and time	L _{Amax}	L _{A1}	L _{A10}	L _{Aeq}	L _{A50}	L _{A90}	L _{Amin}
Pleasant View	Day	29/01/2025 13:47	52	45	41	38	36	32	28
	Evening	29/01/2025 21:44	57	44	42	41	41	39	37
	Night	29/01/2025 22:00	50	45	43	41	41	39	36
Reka	Day	29/01/2025 14:19	59	44	41	37	35	32	31
	Evening	29/01/2025 20:50	60	47	46	44	44	42	40
	Night	29/01/2025 22:32	57	52	50	48	47	46	44
Whispering Pine	Day	29/01/2025 14:43	70	53	45	44	39	35	32
	Evening	29/01/2025 20:27	90	57	47	57	46	43	38
	Night	29/01/2025 22:54	51	44	41	39	39	37	34
Brentwood	Day	29/01/2025 15:13	66	59	56	52	50	43	37
	Evening	29/01/2025 20:00	55	46	43	40	39	36	33
	Night	29/01/2025 23:20	49	43	42	40	40	38	36
Deep Creek	Day	30/01/2025 11:17	86	81	71	68	51	45	41
	Evening	29/01/2025 19:37	59	51	48	46	46	43	41
	Night	29/01/2025 23:40	64	48	46	45	45	44	42
Glengarry	Day	30/01/2025 10:58	87	80	66	67	48	41	36
	Evening	29/01/2025 19:18	77	62	54	50	41	38	36
	Night	29/01/2025 23:59	53	45	43	42	42	41	40
Beale	Day	30/01/2025 10:36	66	55	51	49	48	46	43
	Evening	29/01/2025 18:54	60	53	47	46	45	43	40
	Night	30/01/2025 0:23	58	51	50	48	48	47	44
Gentle	Day	30/01/2025 10:15	71	67	63	60	58	52	48
	Evening	29/01/2025 18:28	68	53	46	44	39	32	28
	Night	30/01/2025 0:43	70	64	48	50	37	36	34

Notes: 1. Levels in this table are not necessarily the result of activity at site.