

Supplementary material

Supplementary Table 1: Half hourly (time windows) noise Lmax, L90, L10, L50, LEQ and SEL.

(Lmax-The highest sound level recorded during the measurement period; L10- Noise levels exceeded for 10% of the time; L50-Noise levels exceeded for 50% of the time; C: L90- Noise levels exceeded for 90% of the time; Leq- Equivalent continuous sound level or the average sound energy over a given time period; SEL- The total energy of a sound event, normalized to 1 second.)

Time slots	Time window	N	Lmax(Mean±SD)	L90 (Mean±SD)	L10(Mean±SD)	L50(Mean±SD)	LEQ(Me
1	00:00-00:30	113	79.94±4.83	54.32±2.75	64.85±3.42	58.58±3.12	62.14±2.
2	00:30-01:00	113	79.88±4.38	54.39±2.74	64.99±3.52	58.7±3.04	62.16±2.
3	01:00-01:30	113	79±4.31	54.21±2.75	64.78±3.51	58.42±3.05	61.87±3.
4	01:30-02:00	113	79.97±4.75	54.13±2.73	64.8±3.57	58.35±2.99	62.13±2.
5	02:00-02:30	113	79.34±4.49	53.87±2.85	64.24±3.58	57.91±3.04	61.48±2.
6	02:30-03:00	113	78.38±4.16	53.7±2.66	64.44±3.44	57.93±2.86	61.45±2.
7	03:00-03:30	113	79.34±5.52	53.77±2.81	64.22±3.58	57.98±3.04	61.6±3.2
8	03:30-04:00	113	81.86±4.69	54.55±2.73	66.15±3.14	59.38±2.94	63.59±2.
9	04:00-04:30	113	82.97±3.43	55.58±2.49	67.53±2.51	60.66±2.66	64.77±2.

10	04:30- 05:00	113	84.49±4.92	56.25±2.55	67.93±2.49	61.27±2.66	65.47±2.
11	05:00- 05:30	112	84.25±4.78	56.17±2.66	67.75±2.74	61.08±2.91	65.26±2.
12	05:30- 06:00	112	84.34±4.97	56.23±2.62	67.56±2.65	61.11±2.89	65.08±2.
13	06:00- 06:30	112	83.4±4.7	55.91±2.7	67.32±2.4	60.79±2.77	64.91±2.
14	06:30- 07:00	112	83.9±4.02	55.97±2.6	67.51±2.77	60.98±2.9	64.91±2.
15	07:00- 07:30	112	82.59±4.27	56.37±2.58	67.57±2.51	61.23±2.73	64.83±2.
16	07:30- 08:00	112	83.52±4.09	57.36±2.37	68.47±2.08	62.42±2.52	65.69±2.
17	08:00- 08:30	112	83.27±4.12	58.92±2.2	69.67±1.58	64.33±1.99	66.87±1.
18	08:30- 09:00	113	84.57±4.06	60.01±2.32	70.4±2.31	65.13±2.29	67.79±1.
19	09:00- 09:30	114	84.21±4.52	58.31±2.61	69.34±2.02	63.44±2.71	66.71±2.
20	09:30- 10:00	114	83.46±4.81	56.84±1.83	67.92±2.1	61.8±2.28	65.33±2.
21	10:00- 10:30	114	82.2±4.27	55.8±1.78	66.72±2.1	60.25±2.06	63.95±1.
22	10:30- 11:00	115	82.19±3.67	55.83±1.96	66.5±2.27	60.22±2.35	63.79±2.
23	11:00- 11:30	115	83.34±4.64	56.13±1.77	67.13±2.23	60.77±2.36	64.5±2.2
24	11:30- 12:00	115	82.77±3.68	56.59±2.04	67.84±2.51	61.43±2.47	65.08±2.

25	12:00- 12:30	115	83.54±3.78	56.78±1.76	68.08±2.1	61.71±2.18	65.37±1.
26	12:30- 13:00	114	83±4.48	58.6±1.85	69.5±1.92	64.15±2.1	66.7±2.0
27	13:00- 13:30	114	82.81±3.61	58.64±2.49	69.23±1.96	63.83±2.53	66.4±1.9
28	13:30- 14:00	114	83.86±3.71	57.77±2.08	68.8±1.76	62.92±2.25	66.04±1.
29	14:00- 14:30	113	83.58±4.05	58.57±2.18	69.45±1.97	64.03±2.23	66.64±2.
30	14:30- 15:00	113	83.77±3.46	59.12±2.36	69.88±1.88	64.5±2.23	67.12±1.
31	15:00- 15:30	112	83.96±4.01	57.59±2.45	68.92±2.14	63±2.64	66.29±2.
32	15:30- 16:00	112	83.45±3.99	56.89±2.07	68.25±2.18	62.18±2.47	65.61±1.
33	16:00- 16:30	113	82.76±3.95	56.7±2.37	68±2.34	61.76±2.59	65.2±2.1
34	16:30- 17:00	113	82.83±3.29	56.34±2.22	67.8±1.91	61.23±2.33	65±1.86
35	17:00- 17:30	114	83±4.06	57.64±2.21	68.63±2.04	62.96±2.34	65.84±2.
36	17:30- 18:00	114	81.93±3.42	57.24±2.66	68.24±1.97	62.42±2.59	65.38±1.
37	18:00- 18;30	114	82.52±4.43	55.78±2.8	67.06±2.22	60.64±2.63	64.45±2.
38	18:30- 19:00	114	82.21±4.48	56.31±2.48	67.55±1.98	61.28±2.4	64.74±2.
39	19:00- 19:30	114	82.47±3.72	56.56±2.33	67.89±1.94	61.56±2.44	65.05±1.

40	19:30- 20:00	114	83.41±4.16	57.34±2.23	68.72±1.82	62.75±2.29	65.89±1.
41	20:00- 20:30	114	83.5±3.73	58.28±2.11	69.56±1.62	63.91±2.04	66.63±1.
42	20:30- 21:00	114	83.05±3.8	58.72±2.31	69.95±1.76	64.44±2.11	67.07±1.
43	21:00- 21:30	114	83.64±3.55	56.81±2.63	68.56±2.14	62.14±2.75	65.8±2.0
44	21:30- 22:00	114	83.43±3.3	55.89±2.36	67.52±2.24	60.9±2.51	64.87±1.
45	22:00- 22:30	114	83.02±3.79	55.71±2.32	67.23±2.53	60.71±2.58	64.53±2.
46	22:30- 23:00	114	81.64±3.69	55.36±2.24	66.7±2.33	60.18±2.48	63.79±2.
47	23:00- 23:30	114	80.36±4.15	54.79±2.37	65.9±2.83	59.33±2.65	62.98±2.
48	23:30- 24:00	114	80.3±4.4	54.45±2.47	65.3±3.17	58.94±2.85	62.45±2.

Supplementary Table 2: Number of times noise (Lmax) increase above 75db, 85db, 90db, 95, 100, 105, 110db per-time window.

(Lmax-The highest sound level recorded during the measurement period)

Time slots	Time window	n	Above 75db	Above 85db	Above 90db	Above 95db	Above 100db	Above 105db	Above 110db
1	00:00-00:30	113	96	16	5	1	0	0	0
2	00:30-01:00	113	98	11	3	0	0	0	0
3	01:00-01:30	113	100	7	2	0	0	0	0
4	01:30-02:00	113	98	17	3	1	0	0	0
5	02:00-02:30	113	92	12	2	0	0	0	0
6	02:30-03:00	113	91	6	1	0	0	0	0
7	03:00-03:30	113	94	16	3	1	1	0	0
8	03:30-04:00	113	106	24	4	1	1	0	0
9	04:00-04:30	113	112	30	2	0	0	0	0
10	04:30-05:00	113	112	41	12	4	1	0	0
11	05:00-05:30	112	110	45	11	3	1	0	0

12	05:30- 06:00	112	111	39	11	4	1	1	0
13	06:00- 06:30	112	112	31	7	1	1	1	1
14	06:30- 07:00	112	112	42	7	1	0	0	0
15	07:00- 07:30	112	111	29	7	1	0	0	0
16	07:30- 08:00	112	110	37	6	0	0	0	0
17	08:00- 08:30	112	112	31	11	0	0	0	0
18	08:30- 09:00	113	113	50	10	3	0	0	0
19	09:00- 09:30	114	114	46	7	1	1	1	1
20	09:30- 10:00	114	113	33	7	3	3	0	0
21	10:00- 10:30	114	112	28	6	0	0	0	0
22	10:30- 11:00	115	114	27	2	0	0	0	0
23	11:00- 11:30	115	115	32	11	3	1	0	0
24	11:30- 12:00	115	115	31	4	1	0	0	0
25	12:00- 12:30	115	115	33	5	2	0	0	0
26	12:30- 13:00	114	113	38	6	1	1	1	0

27	13:00- 13:30	114	113	25	3	1	0	0	0
28	13:30- 14:00	114	114	38	6	1	0	0	0
29	14:00- 14:30	113	113	35	6	2	1	0	0
30	14:30- 15:00	113	113	32	3	2	0	0	0
31	15:00- 15:30	112	111	35	7	2	1	1	0
32	15:30- 16:00	112	110	35	5	2	0	0	0
33	16:00- 16:30	113	113	28	5	1	0	0	0
34	16:30- 17:00	113	113	27	4	1	0	0	0
35	17:00- 17:30	114	113	30	5	2	0	0	0
36	17:30- 18:00	114	113	19	3	0	0	0	0
37	18:00- 18:30	114	111	29	5	1	1	0	0
38	18:30- 19:00	114	113	24	5	3	1	0	0
39	19:00- 19:30	114	114	28	4	1	0	0	0
40	19:30- 20:00	114	114	40	6	1	0	0	0
41	20:00- 20:30	114	114	40	4	0	0	0	0

42	20:30- 21:00	114	114	30	6	1	0	0	0
43	21:00- 21:30	114	113	38	4	1	0	0	0
44	21:30- 22:00	114	114	30	5	0	0	0	0
45	22:00- 22:30	114	114	29	5	0	0	0	0
46	22:30- 23:00	114	111	17	2	0	0	0	0
47	23:00- 23:30	114	105	15	2	1	0	0	0
48	23:30- 24:00	114	101	13	4	0	0	0	0

Supplementary Table 3. Number of times noise increase above 75db, 85db, 90db, 95, 100, 105, 110db perday.

Date	N	Above 75db	Above 85db	Above 90db	Above 95db	Above 100db	Above 105db	Above 110db
01-12- 2024	16	16	6	3	0	0	0	0
02-12- 2024	42	42	20	2	0	0	0	0
03-12- 2024	48	46	12	4	0	0	0	0
04-12- 2024	48	48	12	1	0	0	0	0
05-12- 2024	48	42	10	3	1	0	0	0
06-12- 2024	48	45	6	3	2	0	0	0
09-12- 2024	47	39	13	5	1	1	1	1
10-12- 2024	48	47	17	5	0	0	0	0
11-12- 2024	48	48	14	6	0	0	0	0
12-12- 2024	48	47	13	2	0	0	0	0
13-12- 2024	48	47	11	2	0	0	0	0
14-12- 2024	48	48	6	1	0	0	0	0
15-12- 2024	48	48	9	1	0	0	0	0

16-12-2024	48	48	13	4	0	0	0	0
17-12-2024	48	47	10	3	1	0	0	0
18-12-2024	48	48	12	5	1	0	0	0
19-12-2024	48	48	11	2	1	0	0	0
20-12-2024	48	45	9	1	0	0	0	0
21-12-2024	48	43	7	2	0	0	0	0
22-12-2024	48	48	8	1	1	0	0	0
23-12-2024	48	46	17	5	5	2	0	0
24-12-2024	48	47	16	7	5	4	0	0
25-12-2024	48	48	13	4	1	1	1	0
26-12-2024	48	46	10	5	3	1	0	0
27-12-2024	48	45	8	1	0	0	0	0
28-12-2024	48	42	12	3	0	0	0	0
29-12-2024	30	29	7	2	0	0	0	0
30-12-2024	27	26	4	0	0	0	0	0

31-12-2024	48	45	9	2	1	0	0	0
01-01-2025	48	47	13	4	1	1	1	0
02-01-2025	48	44	8	2	0	0	0	0
03-01-2025	27	27	10	2	0	0	0	0
06-01-2025	21	20	6	2	0	0	0	0
07-01-2025	48	47	8	1	0	0	0	0
08-01-2025	48	41	11	1	0	0	0	0
09-01-2025	48	45	8	0	0	0	0	0
10-01-2025	48	44	8	3	0	0	0	0
11-01-2025	48	47	10	4	1	0	0	0
12-01-2025	48	48	5	0	0	0	0	0
13-01-2025	48	48	19	1	0	0	0	0
14-01-2025	48	47	11	1	0	0	0	0
15-01-2025	48	48	16	5	1	0	0	0
16-01-2025	48	46	19	3	0	0	0	0

17-01- 2025	48	47	12	2	1	0	0	0
18-01- 2025	48	45	8	0	0	0	0	0
19-01- 2025	48	46	8	1	0	0	0	0
20-01- 2025	48	48	11	3	1	1	1	0
21-01- 2025	48	47	8	2	1	0	0	0
22-01- 2025	48	46	6	1	0	0	0	0
23-01- 2025	48	44	8	1	1	0	0	0
24-01- 2025	48	48	14	5	2	1	0	0
25-01- 2025	48	48	14	2	0	0	0	0
26-01- 2025	48	48	10	2	1	0	0	0
27-01- 2025	48	48	21	3	0	0	0	0
28-01- 2025	48	43	14	3	1	0	0	0
29-01- 2025	48	42	10	1	0	0	0	0
30-01- 2025	48	43	12	3	0	0	0	0
31-01- 2025	48	46	6	2	0	0	0	0

01-02- 2025	48	48	8	0	0	0	0	0
02-02- 2025	48	48	14	1	0	0	0	0
03-02- 2025	48	48	13	1	0	0	0	0
04-02- 2025	48	47	14	2	0	0	0	0
05-02- 2025	48	47	6	2	0	0	0	0
06-02- 2025	48	46	12	2	0	0	0	0
07-02- 2025	48	45	13	0	0	0	0	0
08-02- 2025	48	46	15	2	0	0	0	0
09-02- 2025	48	46	13	3	0	0	0	0
10-02- 2025	48	47	16	3	1	0	0	0
11-02- 2025	48	48	19	5	3	0	0	0
12-02- 2025	48	48	13	0	0	0	0	0
13-02- 2025	48	47	15	2	0	0	0	0
14-02- 2025	48	47	15	1	0	0	0	0
15-02- 2025	48	47	12	2	1	0	0	0

16-02-2025	48	46	7	1	0	0	0	0
17-02-2025	48	47	10	3	0	0	0	0
18-02-2025	48	48	9	2	0	0	0	0
19-02-2025	48	48	24	4	1	0	0	0
20-02-2025	48	47	21	1	0	0	0	0
21-02-2025	48	48	18	4	1	0	0	0
22-02-2025	48	48	10	3	0	0	0	0
23-02-2025	48	46	11	2	0	0	0	0
24-02-2025	48	47	17	3	1	0	0	0
25-02-2025	48	48	11	1	1	1	0	0
26-02-2025	48	46	18	1	1	0	0	0
27-02-2025	48	47	8	0	0	0	0	0
28-02-2025	48	48	7	1	0	0	0	0
01-03-2025	48	47	11	4	0	0	0	0
02-03-2025	48	43	12	3	0	0	0	0

03-03- 2025	48	47	11	0	0	0	0	0
04-03- 2025	48	46	14	5	2	1	1	1
05-03- 2025	48	42	12	1	0	0	0	0
06-03- 2025	48	44	20	3	0	0	0	0
07-03- 2025	48	48	25	2	0	0	0	0
08-03- 2025	48	43	12	2	1	0	0	0
09-03- 2025	48	46	12	0	0	0	0	0
10-03- 2025	48	48	13	1	0	0	0	0
11-03- 2025	48	47	12	1	0	0	0	0
12-03- 2025	48	48	14	1	0	0	0	0
13-03- 2025	48	47	12	2	0	0	0	0
14-03- 2025	48	46	11	3	0	0	0	0
15-03- 2025	48	48	14	1	1	0	0	0
16-03- 2025	48	48	11	1	0	0	0	0
17-03- 2025	48	47	8	3	1	0	0	0

18-03-2025	48	47	7	0	0	0	0	0
19-03-2025	48	47	12	1	0	0	0	0
20-03-2025	48	46	8	1	0	0	0	0
21-03-2025	48	47	13	4	0	0	0	0
22-03-2025	48	47	18	1	0	0	0	0
23-03-2025	48	48	15	0	0	0	0	0
24-03-2025	48	48	18	2	0	0	0	0
25-03-2025	48	45	10	0	0	0	0	0
26-03-2025	48	43	6	0	0	0	0	0
27-03-2025	48	47	12	3	1	0	0	0
28-03-2025	38	38	7	2	0	0	0	0
29-03-2025	48	48	19	4	3	1	0	0
30-03-2025	29	28	12	4	1	0	0	0
31-03-2025	30	30	10	2	1	1	0	0
30-03-2025	29	28	12	4	1	0	0	0

31-03-
2025

30

30

10

2

1

1

0

0
