

# Stonestreet Green Solar

## Environmental Statement

### Volume 4: Appendices

### Chapter 14: Noise

### Appendix 14.3: Monitoring Data

PINS Ref: EN010135

Doc Ref. 5.4

Version 1

June 2024

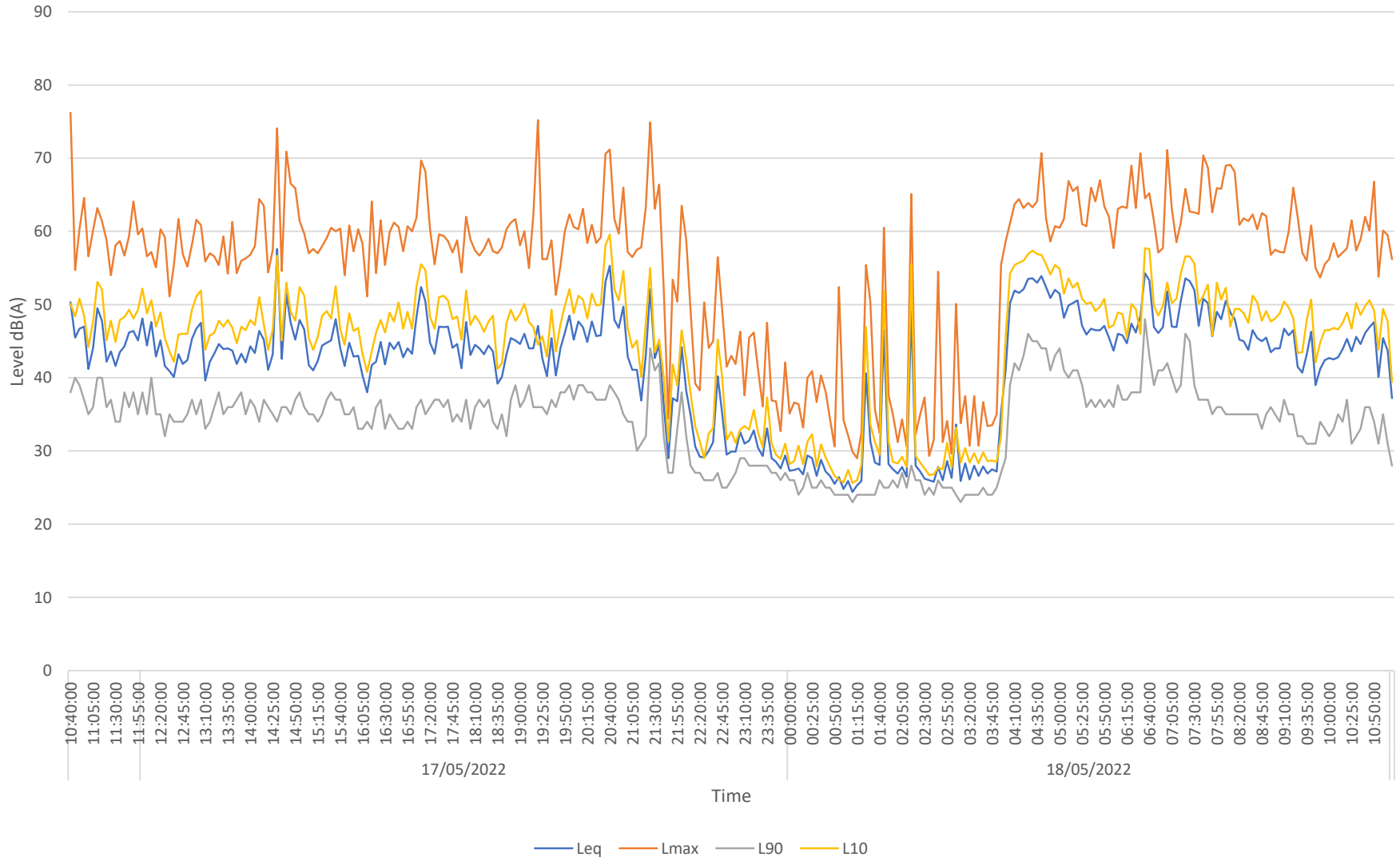
APFP Regulation 5(2)(a)

Planning Act 2008

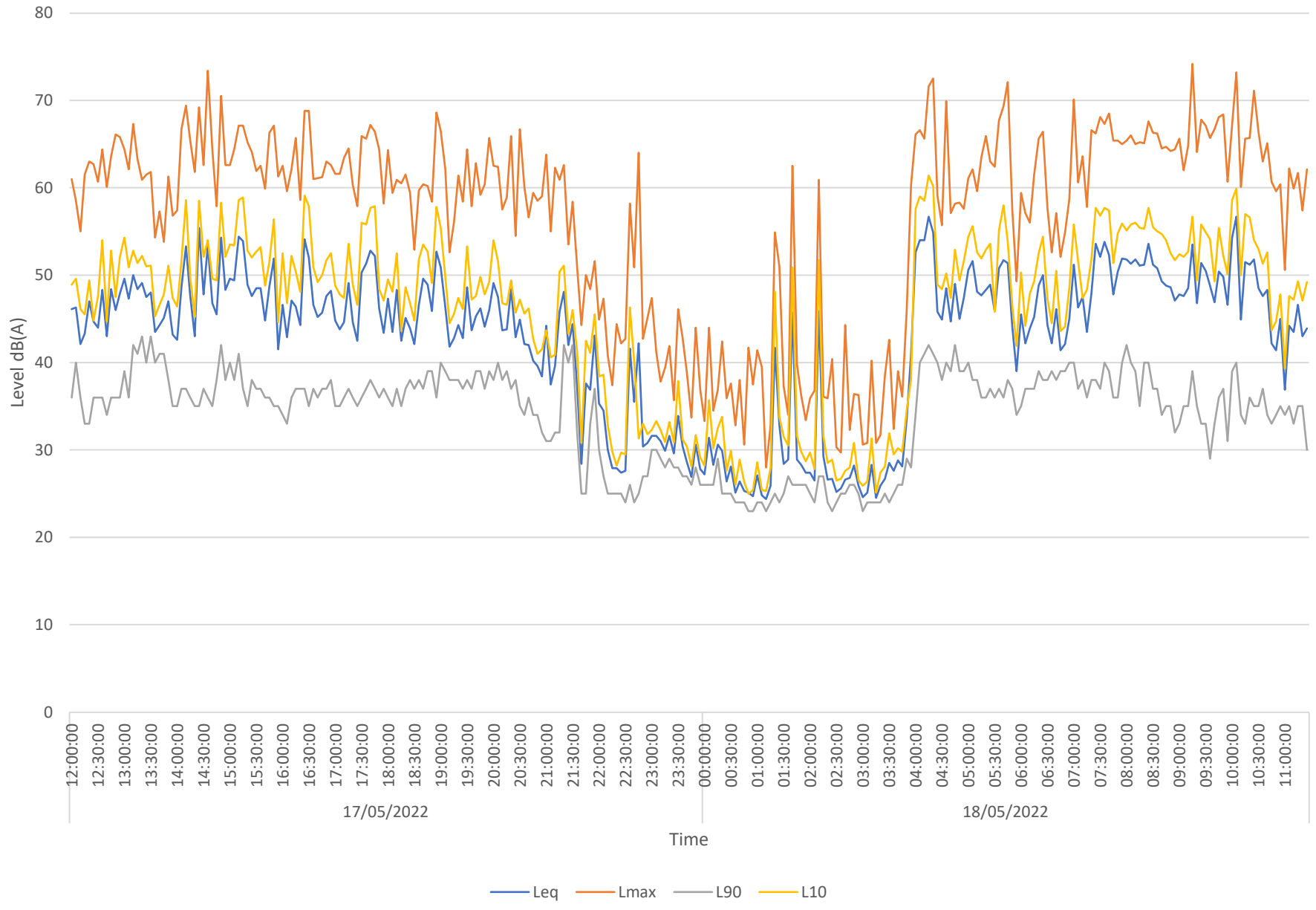
The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009



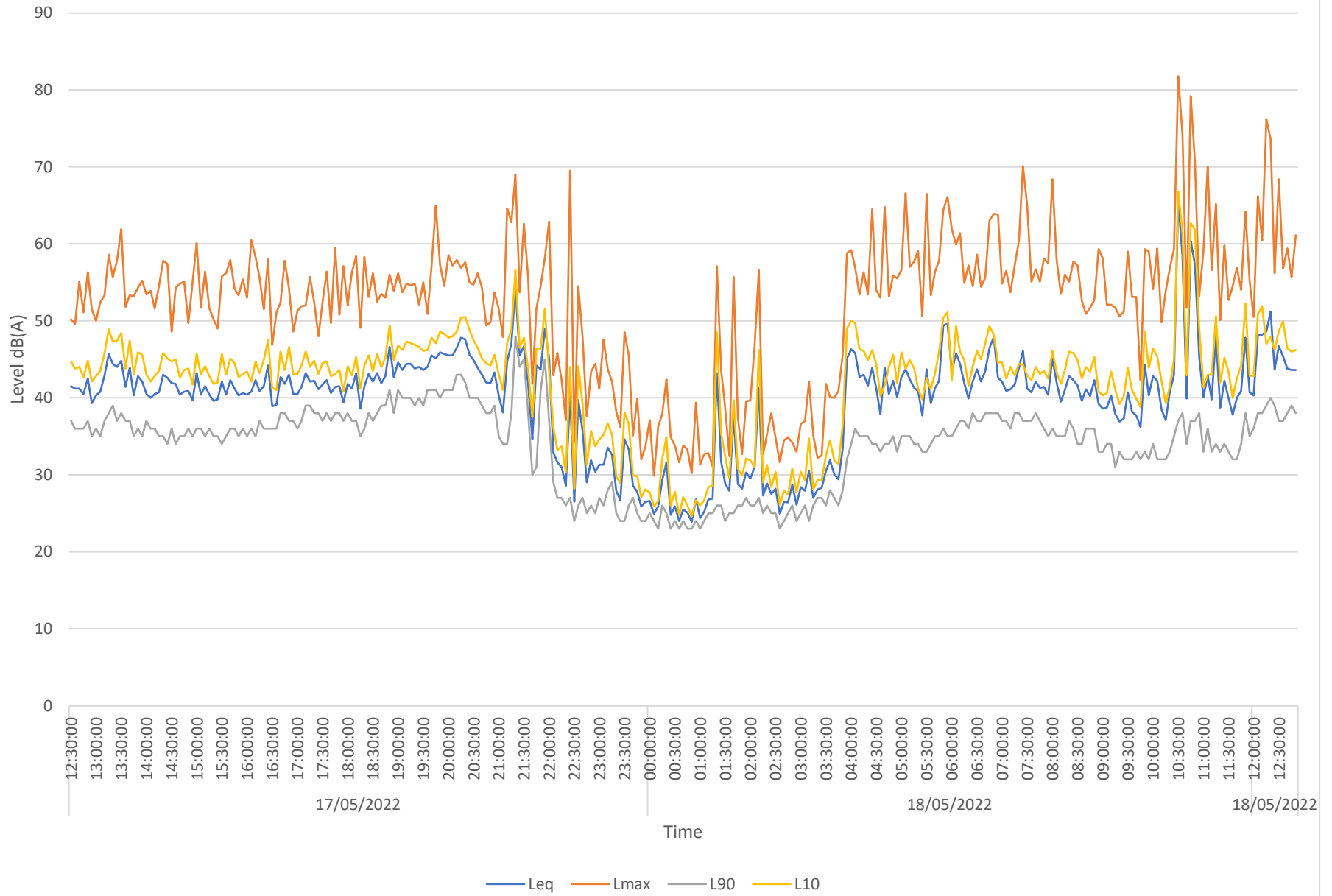
### MP 01 Monitoring Data



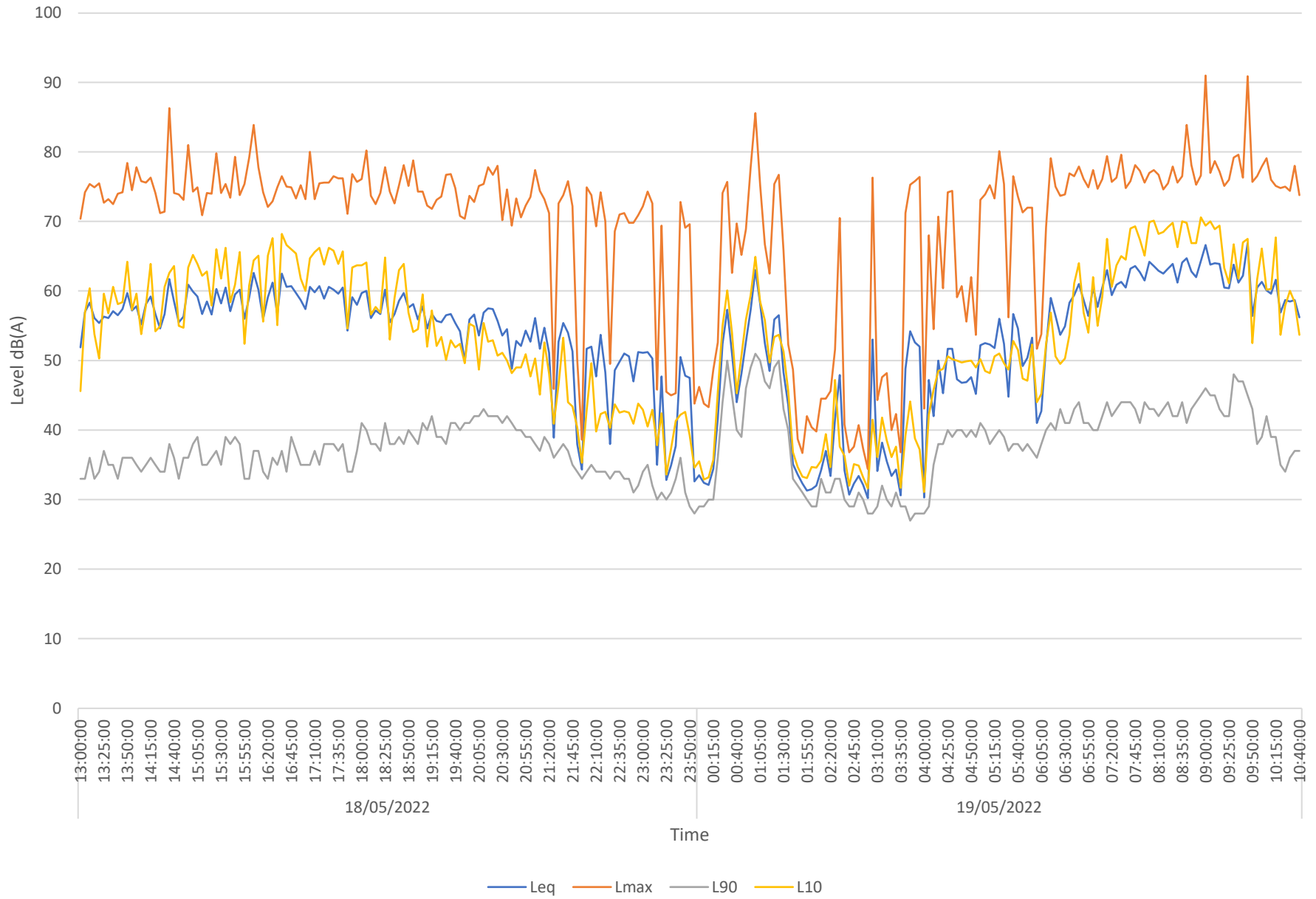
# MP 02 Monitoring Data



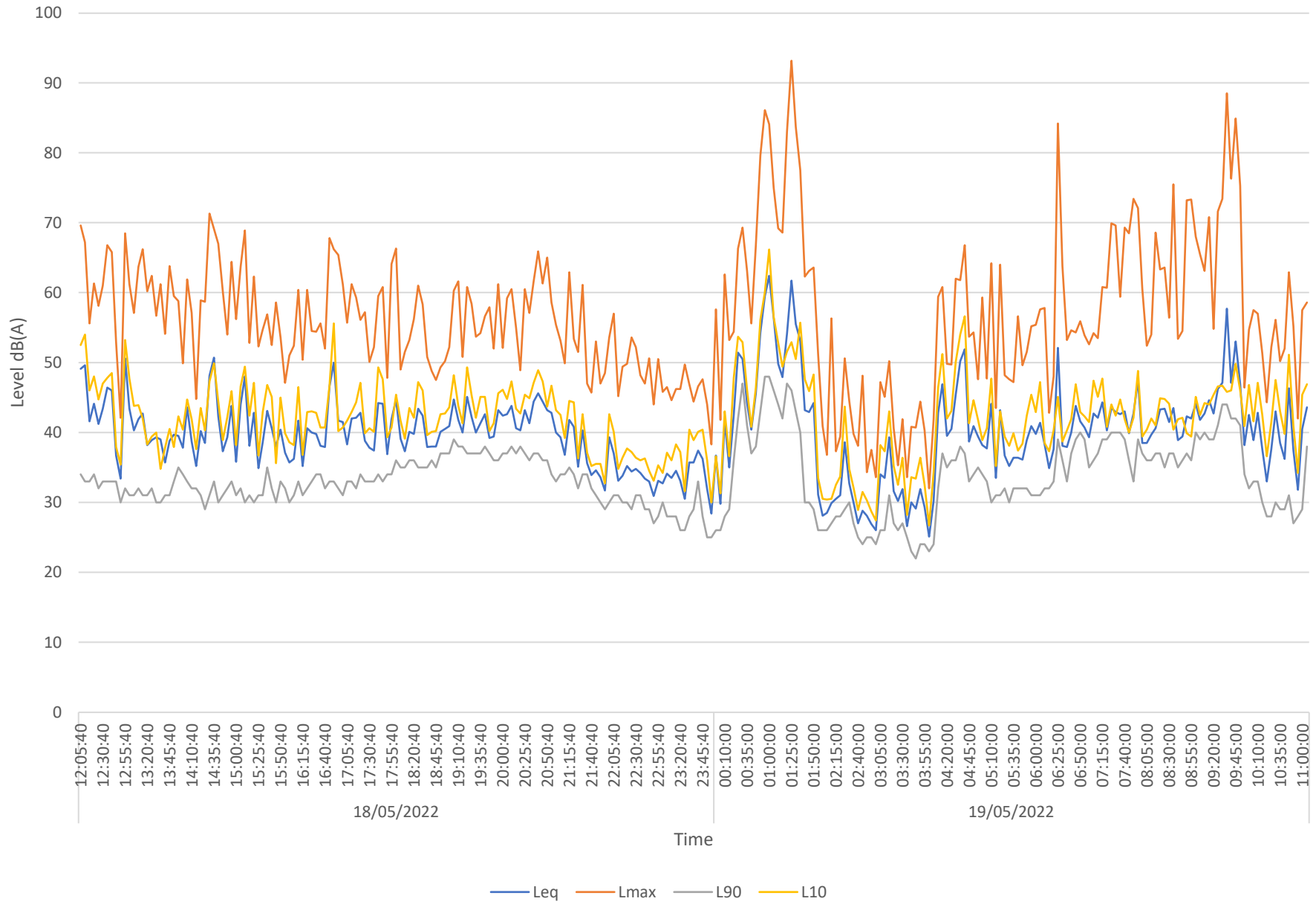
# MP 03 Monitoring Data



# MP 04 Monitoring Data

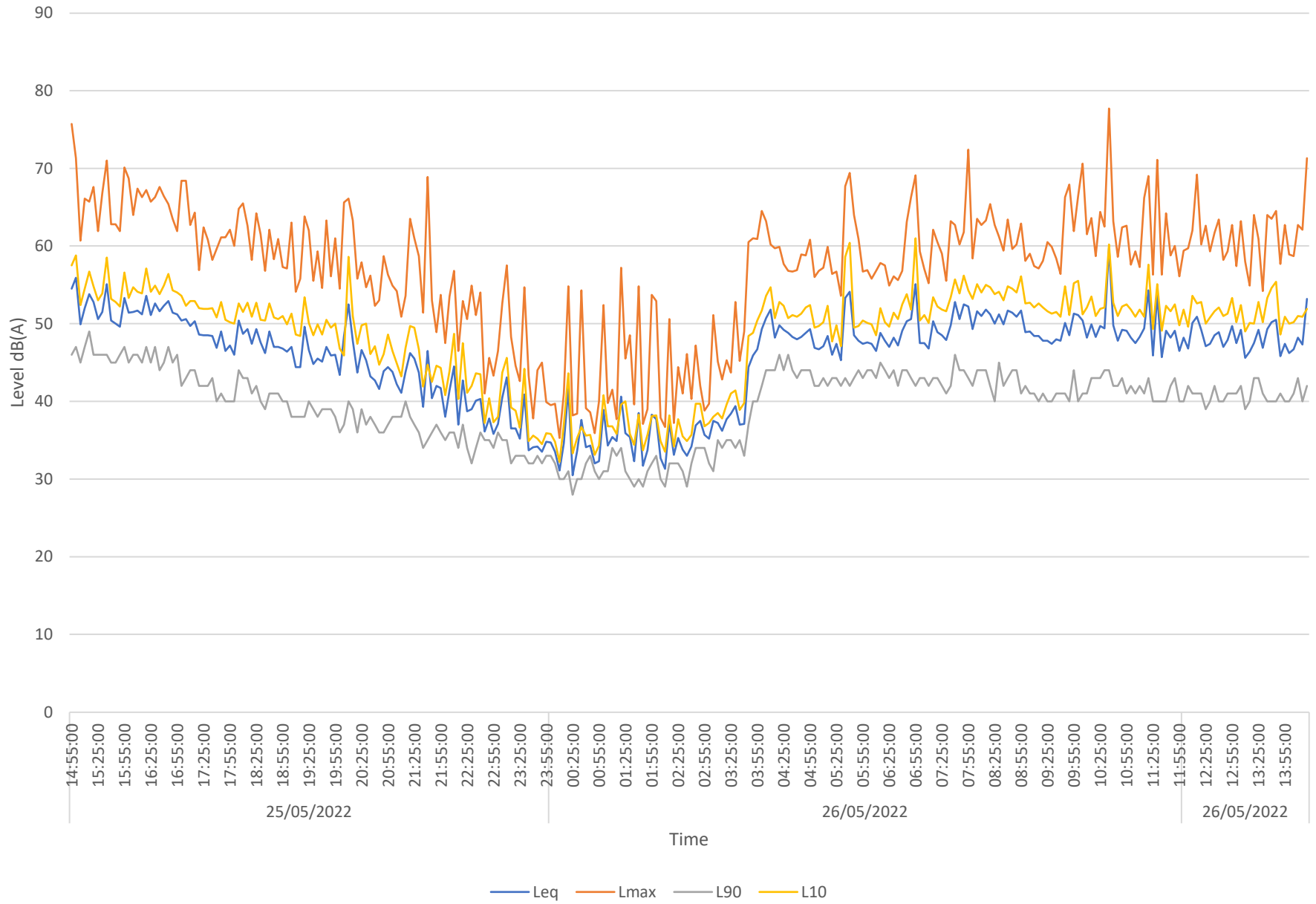


# MP 05 Monitoring Data





# MP 06 Monitoring Data



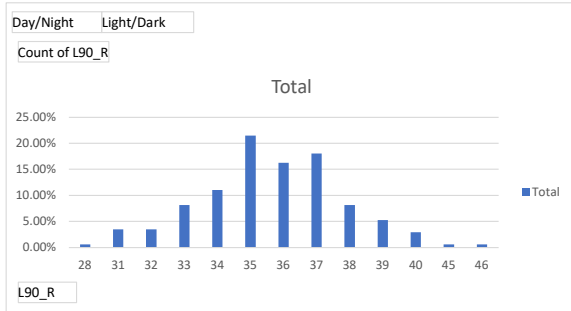
MP 07							
Date	Start	Duration	LAeq	LAfmax	LA90	LA10	
dd/mm/yyyy	hh:mm:ss	hh:mm:ss	dB	dB	dB	dB	
Day	17/05/2022	12:52:54	00:30:00	49.7	71.4	41.5	48.4
	18/05/2022	09:50:02	00:30:00	63.8	82.8	36.1	67.3
	18/05/2022	13:35:37	00:30:00	65.3	98.3	37.2	69.1
	18/05/2022	16:01:30	00:30:00	66.6	83.8	40.8	72.2
	18/05/2022	17:36:40	00:30:00	64.3	83.3	41.5	69.8
				64.2		39.4	
Night	18/05/2022	01:41:41	00:30:00	50.4	85.2	29.3	40.4
	18/05/2022	03:15:37	00:30:00	38.1	71.7	30.0	36.8

MP 08							
Date	Start	Duration	LAeq	LAfmax	LA90	LA10	
dd/mm/yyyy	hh:mm:ss	hh:mm:ss	dB	dB	dB	dB	
Day	17/05/2022	14:18:44	00:30:00	44.4	71.1	32.7	47
	18/05/2022	10:34:47	00:30:00	47.5	67.5	32.4	50.7
	18/05/2022	15:09:51	00:30:00	45.2	66.8	30.0	48.2
	18/05/2022	16:48:03	00:30:00	49.8	77.4	33.7	54.2
				47.3		32.2	
Night	18/05/2022	00:50:24	00:30:00	34.1	65.8	24.5	31.7
	18/05/2022	02:28:32	00:30:00	41.0	70.6	24.4	33.4

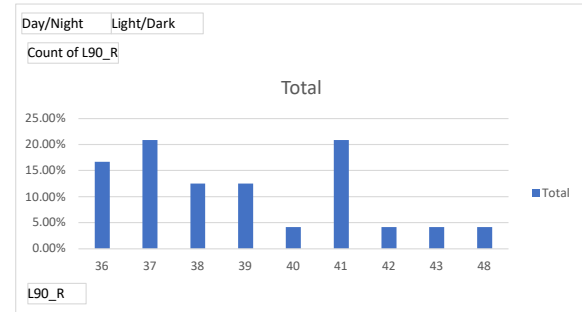


MP 01  
LA90,T STATISTICAL ANALYSIS

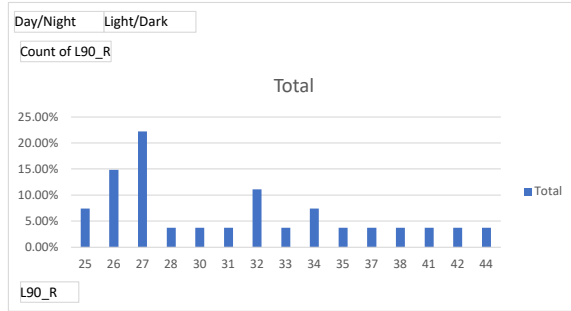
Day/Night	DAY
Light/Dark	LIGHT
Row Labels	Count of L90_R
28	0.58%
31	3.49%
32	3.49%
33	8.14%
34	11.05%
35	21.51%
36	16.28%
37	18.02%
38	8.14%
39	5.23%
40	2.91%
45	0.58%
46	0.58%
<b>Grand Total</b>	<b>100.00%</b>



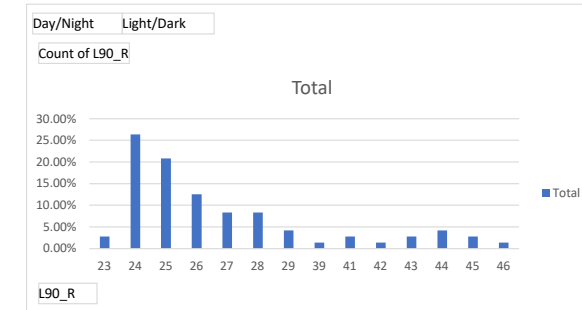
Day/Night	NIGHT
Light/Dark	LIGHT
Row Labels	Count of L90_R
36	16.67%
37	20.83%
38	12.50%
39	12.50%
40	4.17%
41	20.83%
42	4.17%
43	4.17%
48	4.17%
<b>Grand Total</b>	<b>100.00%</b>



Day/Night	DAY
Light/Dark	DARK
Row Labels	Count of L90_R
25	7.41%
26	14.81%
27	22.22%
28	3.70%
30	3.70%
31	3.70%
32	11.11%
33	3.70%
34	7.41%
35	3.70%
37	3.70%
38	3.70%
41	3.70%
42	3.70%
44	3.70%
<b>Grand Total</b>	<b>100.00%</b>



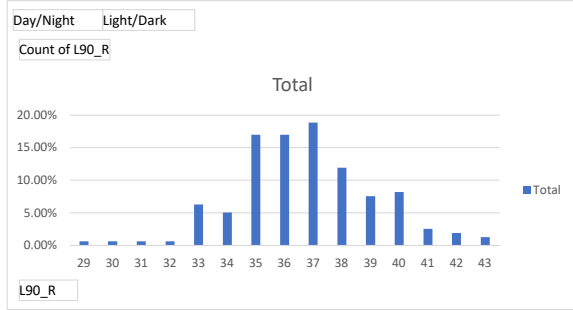
Day/Night	NIGHT
Light/Dark	DARK
Row Labels	Count of L90_R
23	2.78%
24	26.39%
25	20.83%
26	12.50%
27	8.33%
28	8.33%
29	4.17%
39	1.39%
41	2.78%
42	1.39%
43	2.78%
44	4.17%
45	2.78%
46	1.39%
<b>Grand Total</b>	<b>100.00%</b>



MP 02  
LA90,T STATISTICAL ANALYSIS

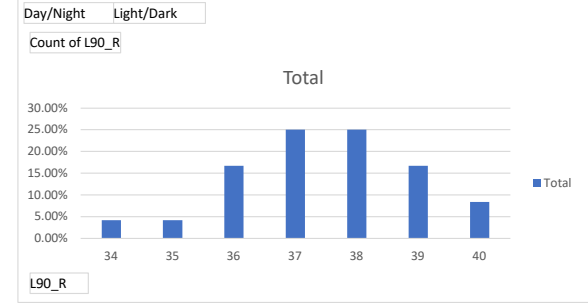
Day/Night DAY  
Light/Dark LIGHT

Row Labels	Count of L90_R
29	0.63%
30	0.63%
31	0.63%
32	0.63%
33	6.29%
34	5.03%
35	16.98%
36	16.98%
37	18.87%
38	11.95%
39	7.55%
40	8.18%
41	2.52%
42	1.89%
43	1.26%
<b>Grand Total</b>	<b>100.00%</b>



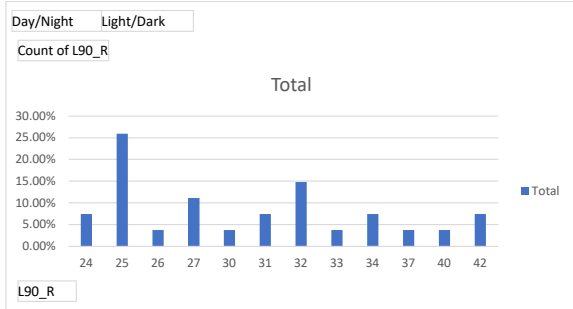
Day/Night NIGHT  
Light/Dark LIGHT

Row Labels	Count of L90_R
34	4.17%
35	4.17%
36	16.67%
37	25.00%
38	25.00%
39	16.67%
40	8.33%
<b>Grand Total</b>	<b>100.00%</b>



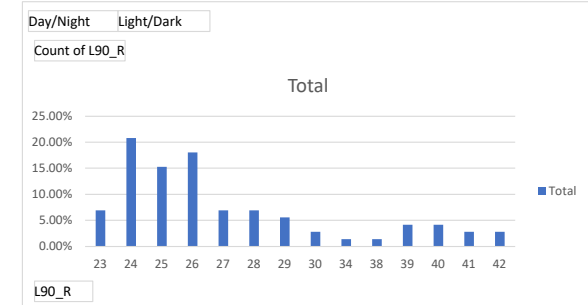
Day/Night DAY  
Light/Dark DARK

Row Labels	Count of L90_R
24	7.41%
25	25.93%
26	3.70%
27	11.11%
30	3.70%
31	7.41%
32	14.81%
33	3.70%
34	7.41%
37	3.70%
40	3.70%
42	7.41%
<b>Grand Total</b>	<b>100.00%</b>



Day/Night NIGHT  
Light/Dark DARK

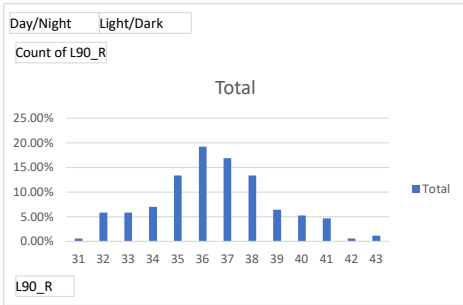
Row Labels	Count of L90_R
23	6.94%
24	20.83%
25	15.28%
26	18.06%
27	6.94%
28	6.94%
29	5.56%
30	2.78%
34	1.39%
38	1.39%
39	4.17%
40	4.17%
41	2.78%
42	2.78%
<b>Grand Total</b>	<b>100.00%</b>



MP 03  
LA90,T STATISTICAL ANALYSIS

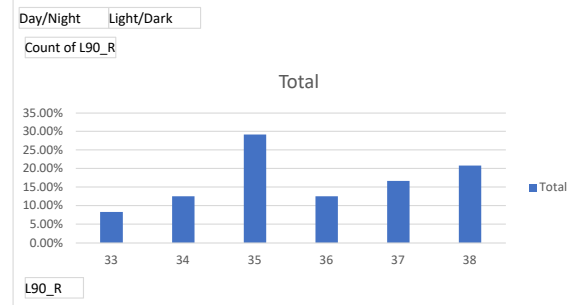
Day/Night DAY  
Light/Dark LIGHT

Row Labels	Count of L90_R
31	0.58%
32	5.81%
33	5.81%
34	6.98%
35	13.37%
36	19.19%
37	16.86%
38	13.37%
39	6.40%
40	5.23%
41	4.65%
42	0.58%
43	1.16%
<b>Grand Total</b>	<b>100.00%</b>



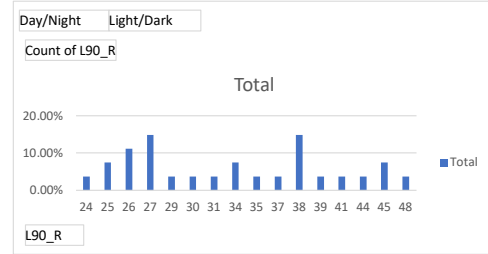
Day/Night NIGHT  
Light/Dark LIGHT

Row Labels	Count of L90_R
33	8.33%
34	12.50%
35	29.17%
36	12.50%
37	16.67%
38	20.83%
<b>Grand Total</b>	<b>100.00%</b>



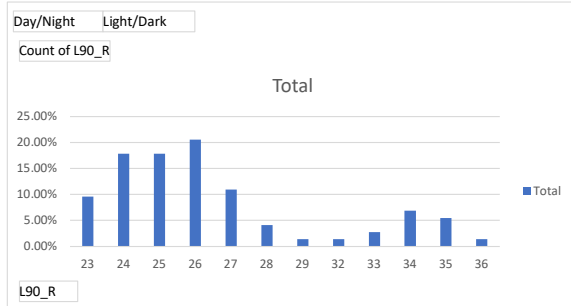
Day/Night DAY  
Light/Dark DARK

Row Labels	Count of L90_R
24	3.70%
25	7.41%
26	11.11%
27	14.81%
29	3.70%
30	3.70%
31	3.70%
34	7.41%
35	3.70%
37	3.70%
38	14.81%
39	3.70%
41	3.70%
44	3.70%
45	7.41%
48	3.70%
<b>Grand Total</b>	<b>100.00%</b>



Day/Night NIGHT  
Light/Dark DARK

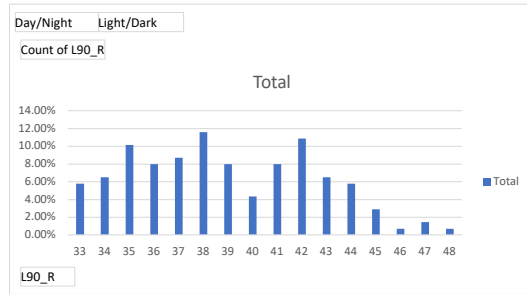
Row Labels	Count of L90_R
23	9.59%
24	17.81%
25	17.81%
26	20.55%
27	10.96%
28	4.11%
29	1.37%
32	1.37%
33	2.74%
34	6.85%
35	5.48%
36	1.37%
<b>Grand Total</b>	<b>100.00%</b>



MP 04  
LA90,T STATISTICAL ANALYSIS

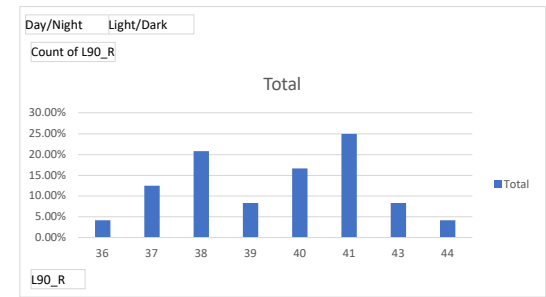
Day/Night DAY  
Light/Dark LIGHT

Row Labels	Count of L90_R
33	5.80%
34	6.52%
35	10.14%
36	7.97%
37	8.70%
38	11.59%
39	7.97%
40	4.35%
41	7.97%
42	10.87%
43	6.52%
44	5.80%
45	2.90%
46	0.72%
47	1.45%
48	0.72%
<b>Grand Total</b>	<b>100.00%</b>



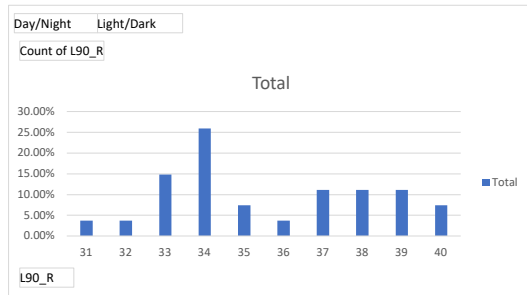
Day/Night NIGHT  
Light/Dark LIGHT

Row Labels	Count of L90_R
36	4.17%
37	12.50%
38	20.83%
39	8.33%
40	16.67%
41	25.00%
43	8.33%
44	4.17%
<b>Grand Total</b>	<b>100.00%</b>



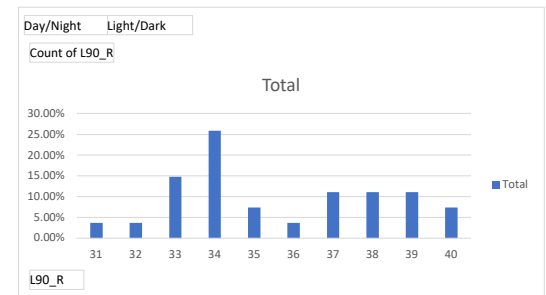
Day/Night DAY  
Light/Dark DARK

Row Labels	Count of L90_R
31	3.70%
32	3.70%
33	14.81%
34	25.93%
35	7.41%
36	3.70%
37	11.11%
38	11.11%
39	11.11%
40	7.41%
<b>Grand Total</b>	<b>100.00%</b>



Day/Night DAY  
Light/Dark DARK

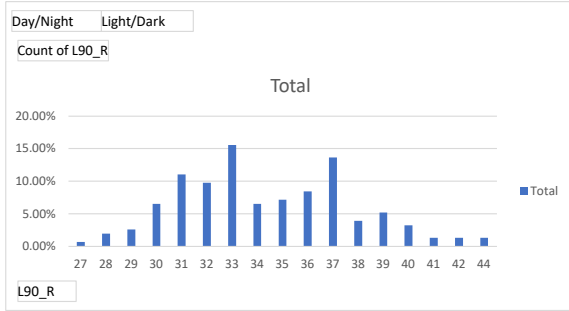
Row Labels	Count of L90_R
31	3.70%
32	3.70%
33	14.81%
34	25.93%
35	7.41%
36	3.70%
37	11.11%
38	11.11%
39	11.11%
40	7.41%
<b>Grand Total</b>	<b>100.00%</b>



MP 05  
LA90,T STATISTICAL ANALYSIS

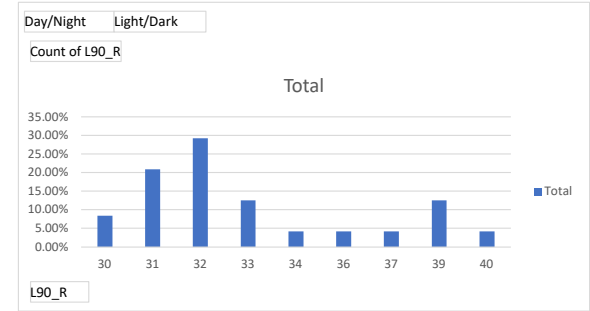
Day/Night DAY  
Light/Dark LIGHT

Row Labels	Count of L90_R
27	0.65%
28	1.95%
29	2.60%
30	6.49%
31	11.04%
32	9.74%
33	15.58%
34	6.49%
35	7.14%
36	8.44%
37	13.64%
38	3.90%
39	5.19%
40	3.25%
41	1.30%
42	1.30%
44	1.30%
<b>Grand Total</b>	<b>100.00%</b>



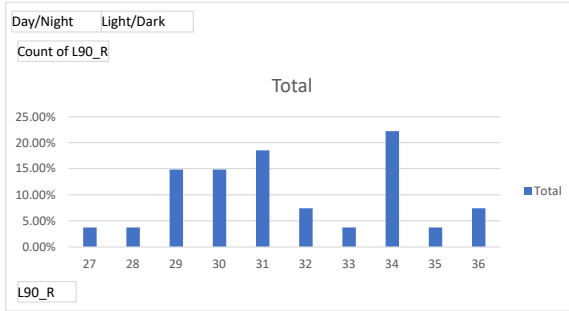
Day/Night NIGHT  
Light/Dark LIGHT

Row Labels	Count of L90_R
30	8.33%
31	20.83%
32	29.17%
33	12.50%
34	4.17%
36	4.17%
37	4.17%
39	12.50%
40	4.17%
<b>Grand Total</b>	<b>100.00%</b>



Day/Night DAY  
Light/Dark DARK

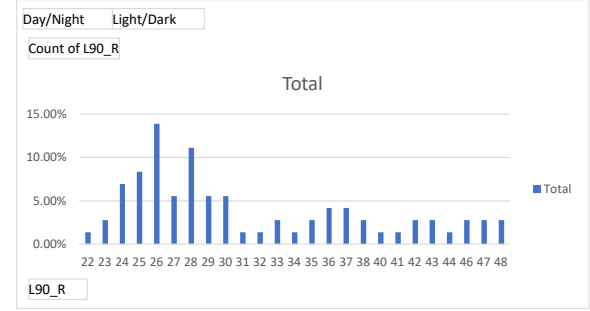
Row Labels	Count of L90_R
27	3.70%
28	3.70%
29	14.81%
30	14.81%
31	18.52%
32	7.41%
33	3.70%
34	22.22%
35	3.70%
36	7.41%
<b>Grand Total</b>	<b>100.00%</b>



Day/Night NIGHT  
Light/Dark DARK

Row Labels	Count of L90_R
22	1.39%
23	2.78%
24	6.94%
25	8.33%
26	13.89%
27	5.56%
28	11.11%
29	5.56%
30	5.56%
31	1.39%
32	1.39%
33	2.78%
34	1.39%
35	2.78%
36	4.17%
37	4.17%
38	2.78%
40	1.39%
41	1.39%
42	2.78%
43	2.78%
44	1.39%
46	2.78%
47	2.78%
48	2.78%
<b>Grand Total</b>	<b>100.00%</b>

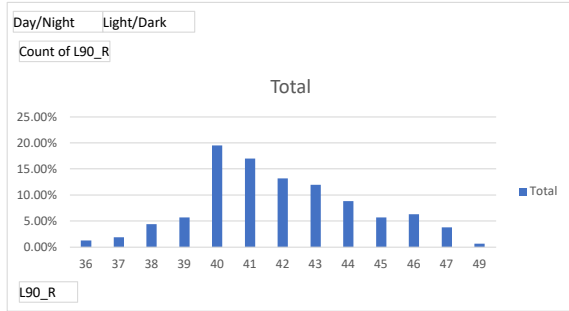
MP 05



MP 06  
LA90,T STATISTICAL ANALYSIS

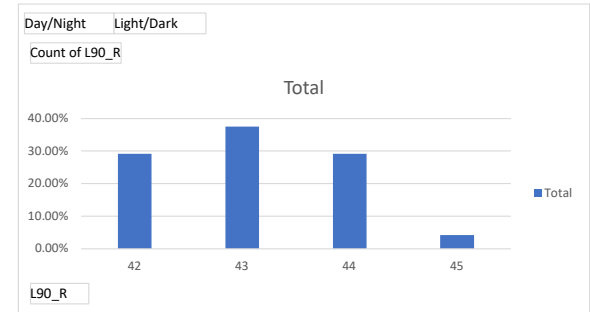
Day/Night DAY  
Light/Dark LIGHT

Row Labels	Count of L90_R
36	1.26%
37	1.89%
38	4.40%
39	5.66%
40	19.50%
41	16.98%
42	13.21%
43	11.95%
44	8.81%
45	5.66%
46	6.29%
47	3.77%
49	0.63%
<b>Grand Total</b>	<b>100.00%</b>



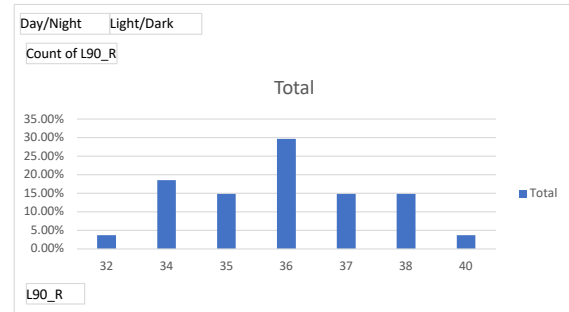
Day/Night NIGHT  
Light/Dark LIGHT

Row Labels	Count of L90_R
42	29.17%
43	37.50%
44	29.17%
45	4.17%
<b>Grand Total</b>	<b>100.00%</b>



Day/Night DAY  
Light/Dark DARK

Row Labels	Count of L90_R
32	3.70%
34	18.52%
35	14.81%
36	29.63%
37	14.81%
38	14.81%
40	3.70%
<b>Grand Total</b>	<b>100.00%</b>



Day/Night NIGHT  
Light/Dark DARK

Row Labels	Count of L90_R
28	1.39%
29	5.56%
30	11.11%
31	11.11%
32	16.67%
33	13.89%
34	9.72%
35	8.33%
36	1.39%
37	1.39%
40	2.78%
42	1.39%
43	1.39%
44	11.11%
46	2.78%
<b>Grand Total</b>	<b>100.00%</b>

