

Appendix J – Noise

Appendix E-1
FHWA Highway Traffic Noise Prediction Model Inputs
Clearlake Airport Redevelopment Project
Existing No Project Conditions



Segment ID	Roadway	Roadway Segment	ADT	Day %	Night %	Medium Truck %	Heavy Truck %	Speed	Distance to Receptor (ft)	Offset (dB)
1	SR 53	North of 18th St	17,070	80	20	5.9	1.5	55	150	0
2	SR 53	18th St to Dam Rd	17,025	80	20	5.9	1.5	55	300	0
3	SR 53	South of Dam Rd	19,000	80	20	5.9	1.5	55	150	0
4	Old SR 53	North of Future 18th Ave Ext	4,725	80	20	2	1	35	50	0
5	Old SR 53	Future 18th Ave Ext to Airport Rd	4,725	80	20	2	1	35	100	0
6	Old SR 53	Airport Rd to Future S Market St	4,725	80	20	2	1	35	50	0
7	Old SR 53	Future S Market St to SR 53	5,630	80	20	2	1	35	250	0
8	Dam Rd	East of SR 53	9,565	80	20	2	2	25	100	0
9	18th Ave	East of SR 53	2,915	80	20	2	1	35	100	0

Appendix E-2
FHWA Highway Traffic Noise Prediction Model Inputs
Clearlake Airport Redevelopment Project
Existing+Project Conditions



Segment ID	Roadway	Roadway Segment	ADT	Day %	Night %	Medium Truck %	Heavy Truck %	Speed	Distance to Receptor (ft)	Offset (dB)
1	SR 53	North of 18th St	20,180	80	20	5.9	1.5	55	150	0
2	SR 53	18th St to Dam Rd	18,735	80	20	5.9	1.5	55	300	0
3	SR 53	South of Dam Rd	22,105	80	20	5.9	1.5	55	150	0
4	Old SR 53	North of Future 18th Ave Ext	6,320	80	20	2	1	35	50	0
5	Old SR 53	Future 18th Ave Ext to Airport Rd	5,780	80	20	2	1	35	100	0
6	Old SR 53	Airport Rd to Future S Market St	6,535	80	20	2	1	35	50	0
7	Old SR 53	Future S Market St to SR 53	11,445	80	20	2	1	35	250	0
8	Dam Rd	East of SR 53	9,995	80	20	2	2	25	100	0
9	18th Ave	East of SR 53	3,345	80	20	2	1	35	100	0

Appendix F-1
FHWA Highway Traffic Noise Prediction Model Inputs
Clearlake Airport Redevelopment Project
Future No Project Conditions



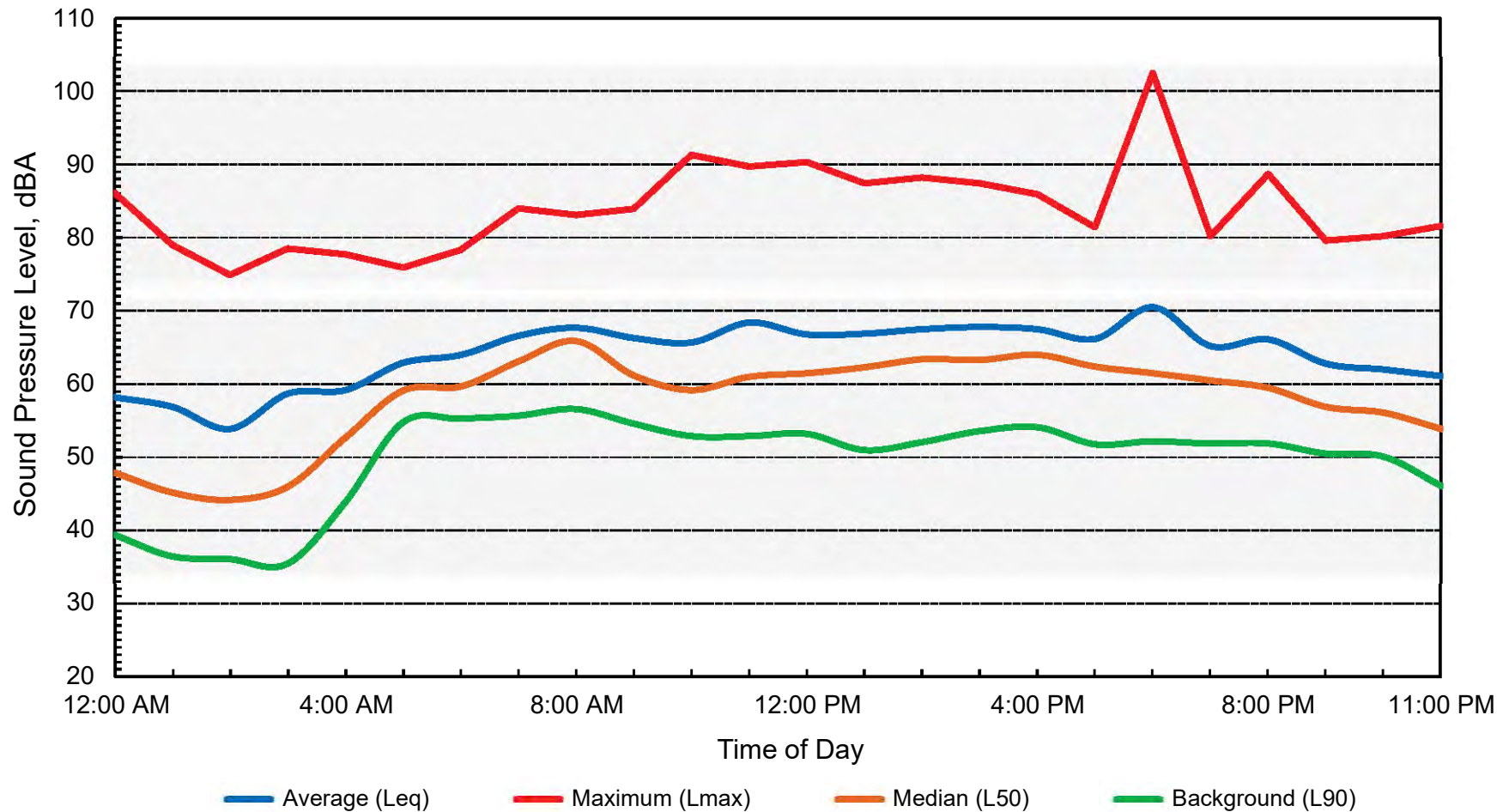
Segment ID	Roadway	Roadway Segment	ADT	Day %	Night %	Medium Truck %	Heavy Truck %	Speed	Distance to Receptor (ft)	Offset (dB)
1	SR 53	North of 18th St	22,640	80	20	5.9	1.5	55	150	0
2	SR 53	18th St to Dam Rd	21,995	80	20	5.9	1.5	55	300	0
3	SR 53	South of Dam Rd	23,300	80	20	5.9	1.5	55	150	0
4	Old SR 53	North of Future 18th Ave Ext	5,090	80	20	2	1	35	50	0
5	Old SR 53	Future 18th Ave Ext to Airport Rd	5,090	80	20	2	1	35	100	0
6	Old SR 53	Airport Rd to Future S Market St	5,090	80	20	2	1	35	50	0
7	Old SR 53	Future S Market St to SR 53	7,990	80	20	2	1	35	250	0
8	Dam Rd	East of SR 53	16,735	80	20	2	2	25	100	0
9	18th Ave	East of SR 53	2,350	80	20	2	1	35	100	0

Appendix F-2
FHWA Highway Traffic Noise Prediction Model Inputs
Clearlake Airport Redevelopment Project
Future+Project Conditions



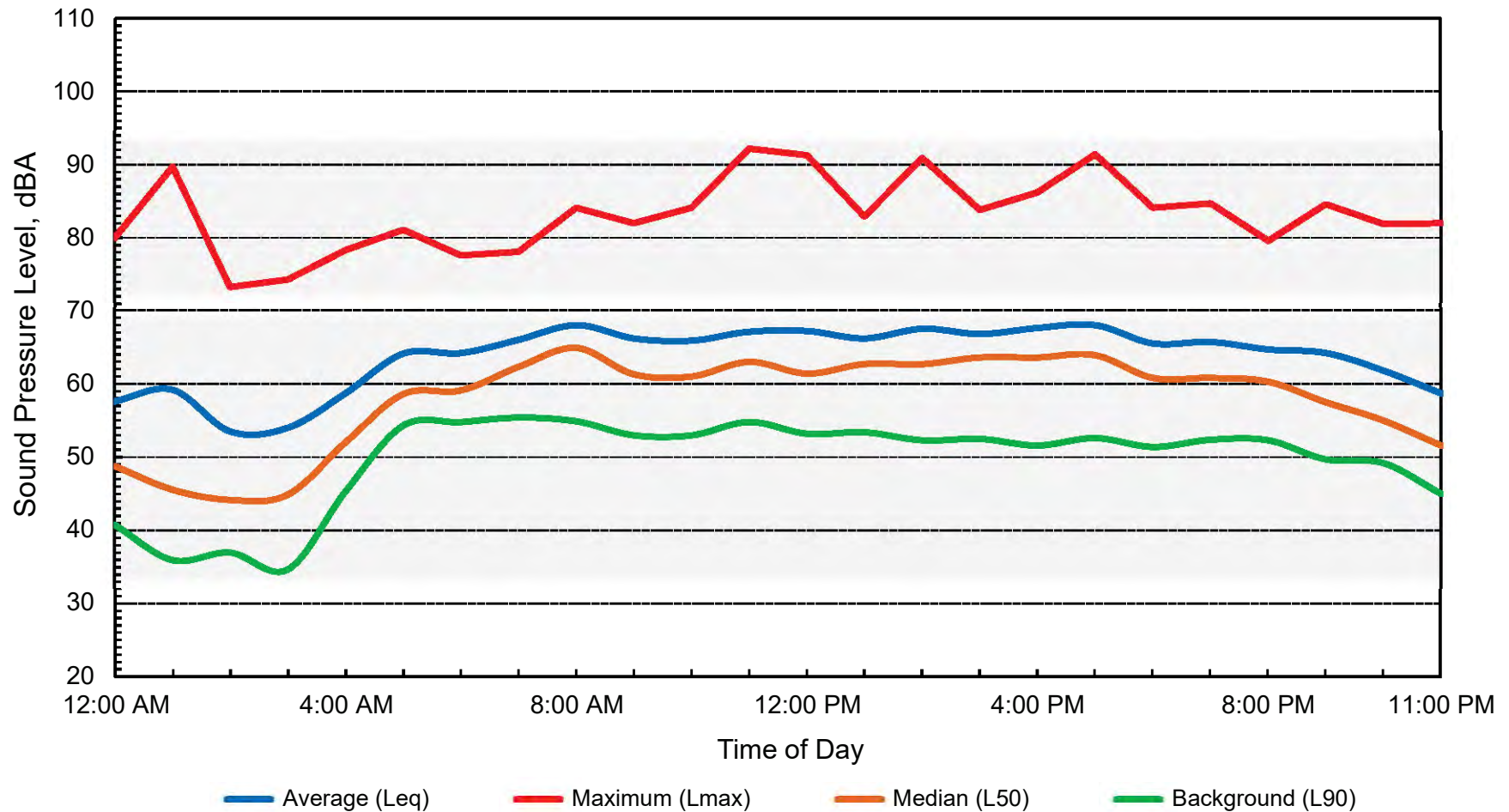
Segment ID	Roadway	Roadway Segment	ADT	Day %	Night %	Medium Truck %	Heavy Truck %	Speed	Distance to Receptor (ft)	Offset (dB)
1	SR 53	North of 18th St	23,740	80	20	5.9	1.5	55	150	0
2	SR 53	18th St to Dam Rd	22,885	80	20	5.9	1.5	55	300	0
3	SR 53	South of Dam Rd	25,445	80	20	5.9	1.5	55	150	0
4	Old SR 53	North of Future 18th Ave Ext	6,685	80	20	2	1	35	50	0
5	Old SR 53	Future 18th Ave Ext to Airport Rd	6,145	80	20	2	1	35	100	0
6	Old SR 53	Airport Rd to Future S Market St	6,900	80	20	2	1	35	50	0
7	Old SR 53	Future S Market St to SR 53	12,050	80	20	2	1	35	250	0
8	Dam Rd	East of SR 53	16,760	80	20	2	2	25	100	0
9	18th Ave	East of SR 53	3,680	80	20	2	1	35	100	0

Appendix D-1
Long-Term Ambient Noise Monitoring Results, LT-1
Clearlake Airport Commercial Project - Clearlake, California
Wednesday, April 30, 2025



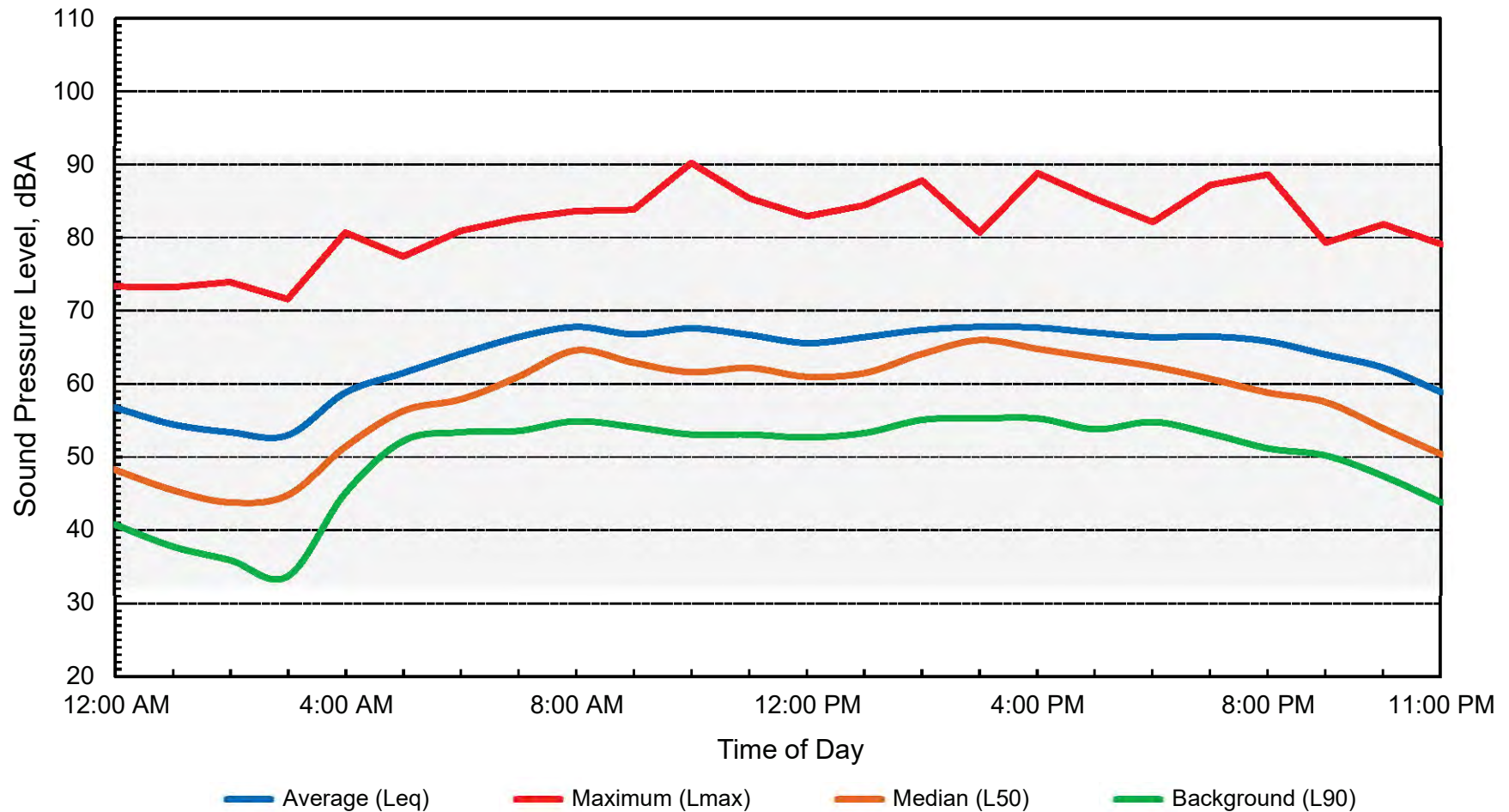
Computed DNL = 69 dB

Appendix D-2
Long-Term Ambient Noise Monitoring Results, LT-1
Clearlake Airport Commercial Project - Clearlake, California
Thursday, May 1, 2025



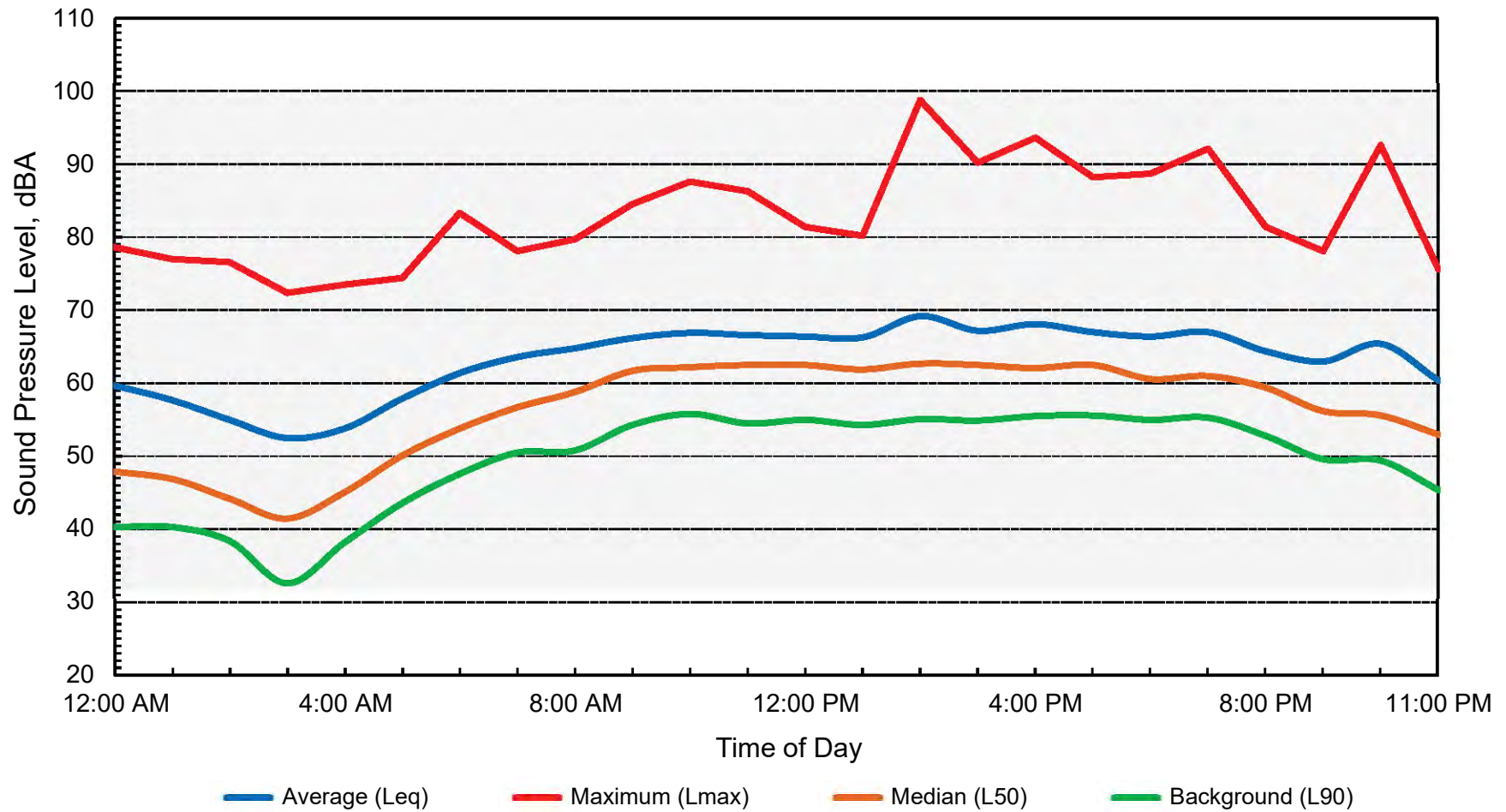
Computed DNL = 68 dB

Appendix D-3
Long-Term Ambient Noise Monitoring Results, LT-1
Clearlake Airport Commercial Project - Clearlake, California
Friday, May 2, 2025



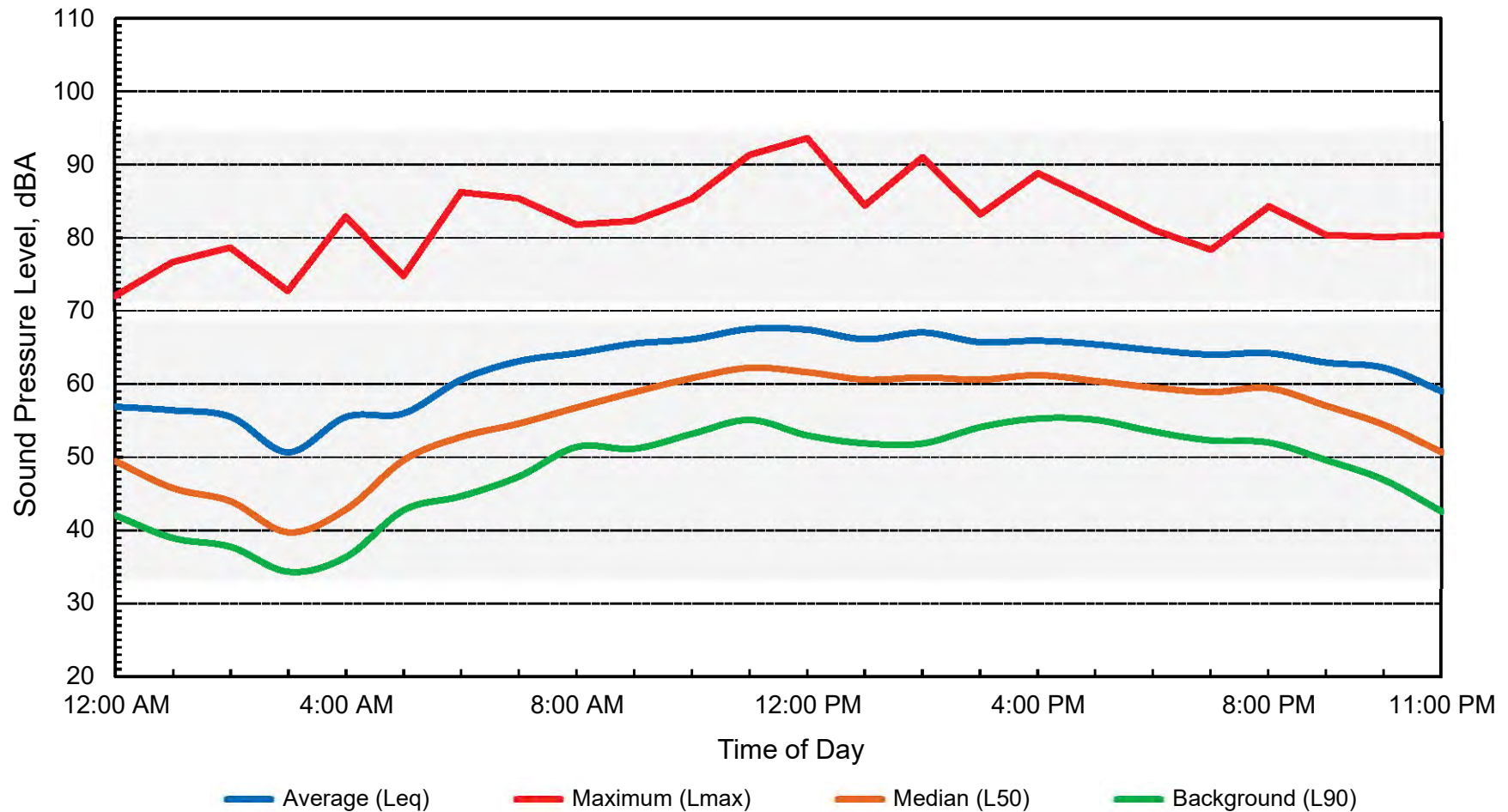
Computed DNL = 68 dB

Appendix D-4
Long-Term Ambient Noise Monitoring Results, LT-1
Clearlake Airport Commercial Project - Clearlake, California
Saturday, May 3, 2025



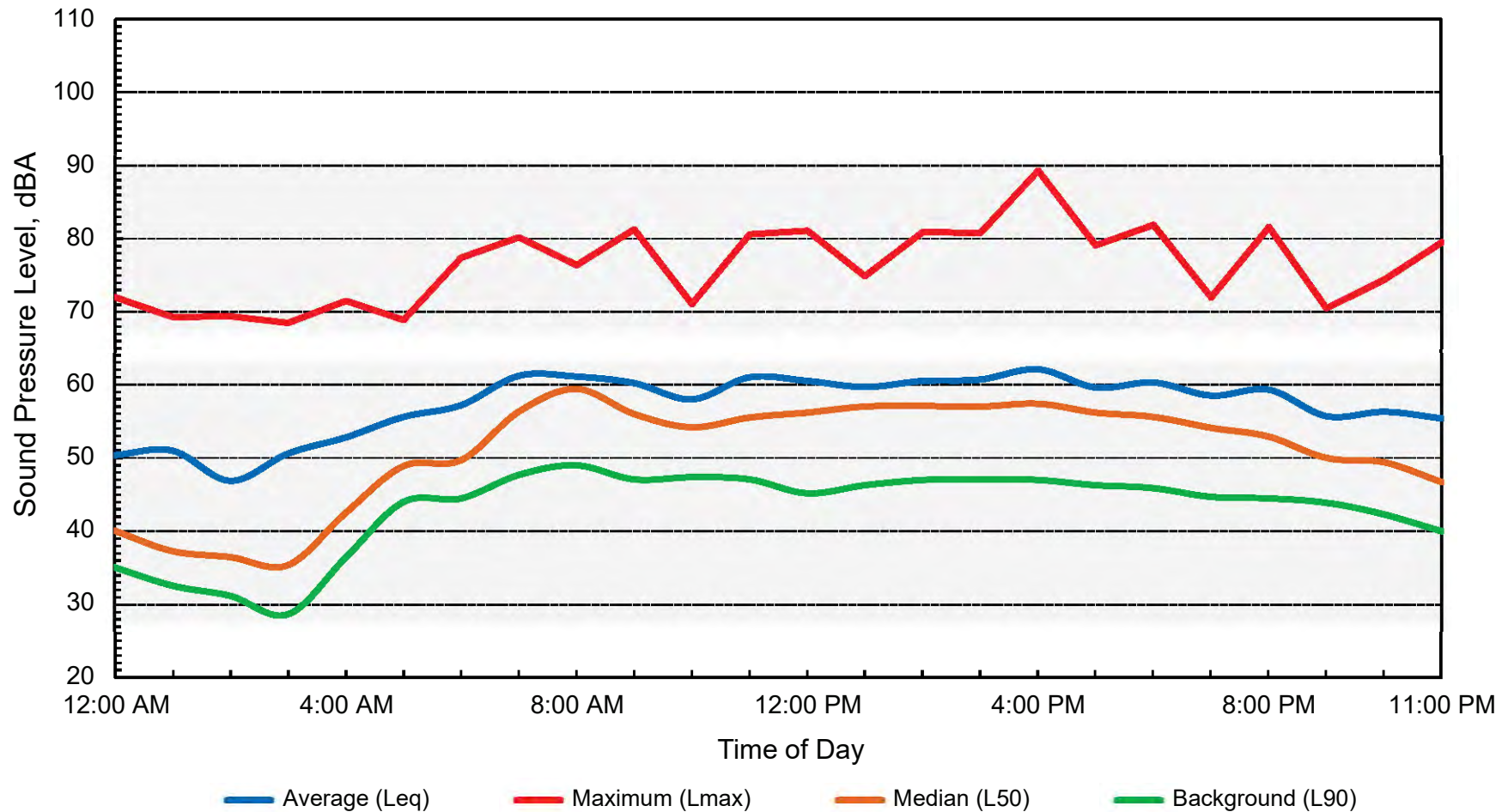
Computed DNL = 68 dB

Appendix D-5
Long-Term Ambient Noise Monitoring Results, LT-1
Clearlake Airport Commercial Project - Clearlake, California
Sunday, May 4, 2025



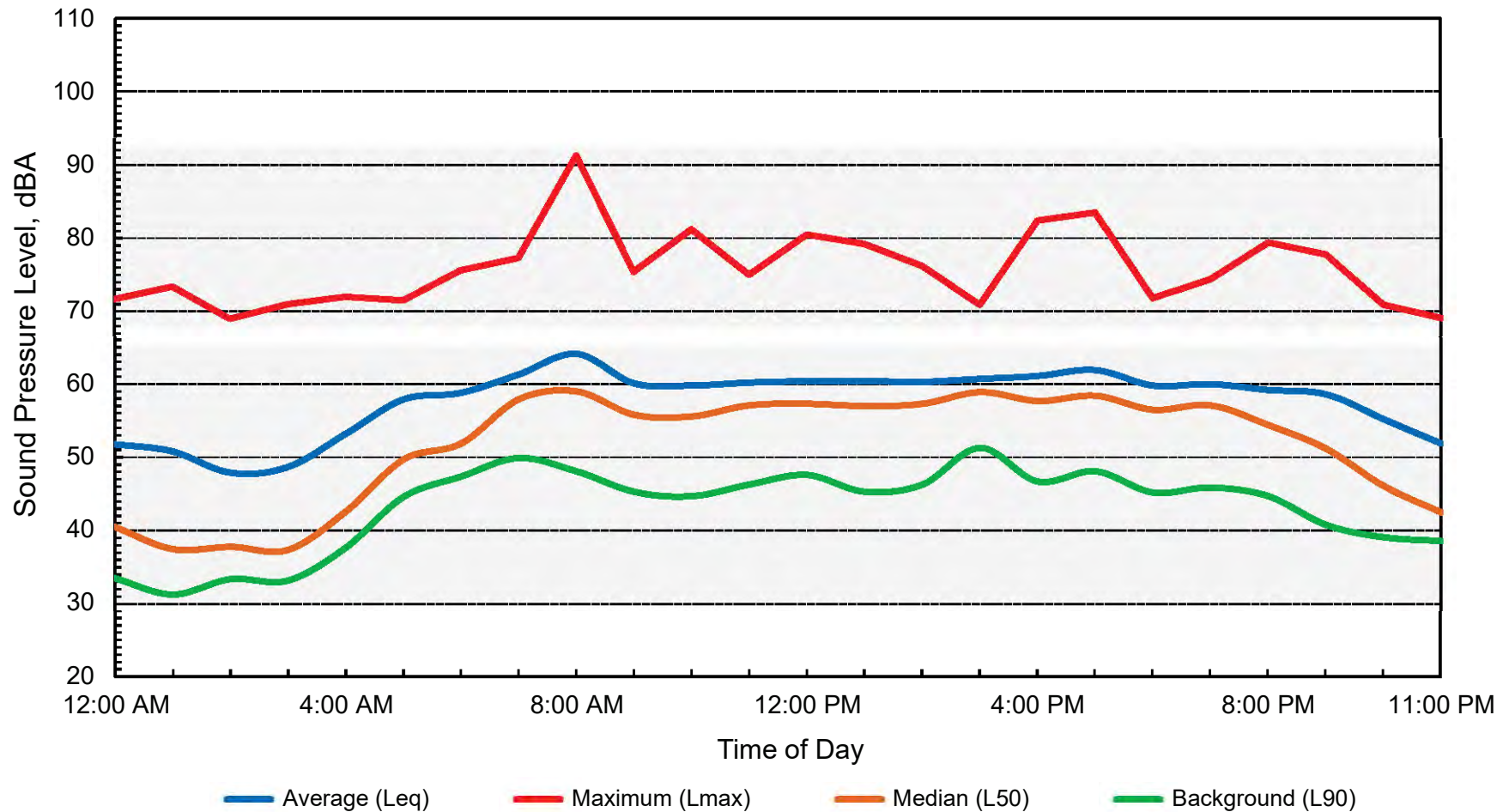
Computed DNL = 67 dB

Appendix D-6
Long-Term Ambient Noise Monitoring Results, LT-2
Clearlake Airport Commercial Project - Clearlake, California
Wednesday, April 30, 2025



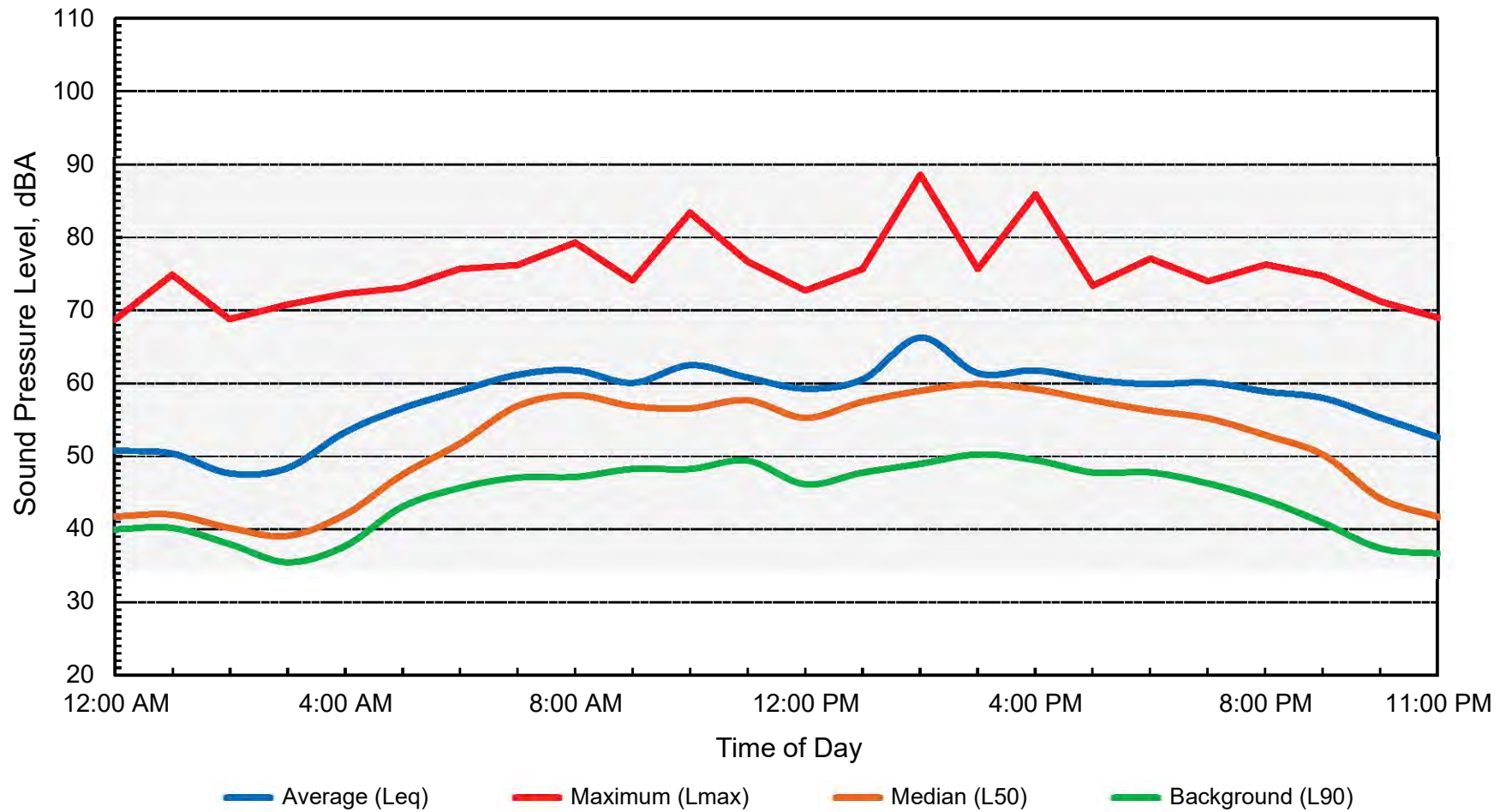
Computed DNL = 62 dB

Appendix D-7
Long-Term Ambient Noise Monitoring Results, LT-2
Clearlake Airport Commercial Project - Clearlake, California
Thursday, May 1, 2025



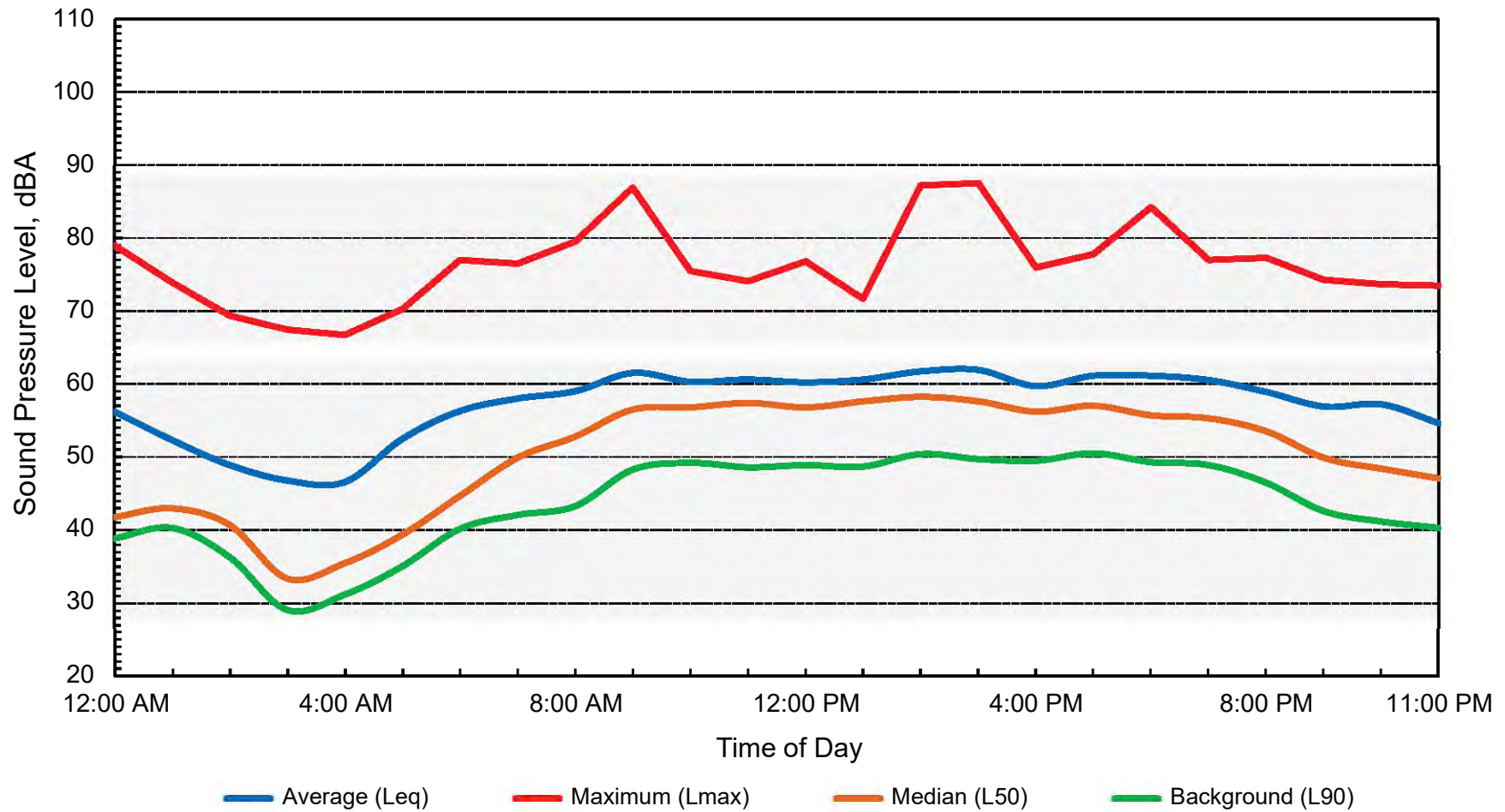
Computed DNL = 62 dB

Appendix D-8
Long-Term Ambient Noise Monitoring Results, LT-2
Clearlake Airport Commercial Project - Clearlake, California
Friday, May 2, 2025



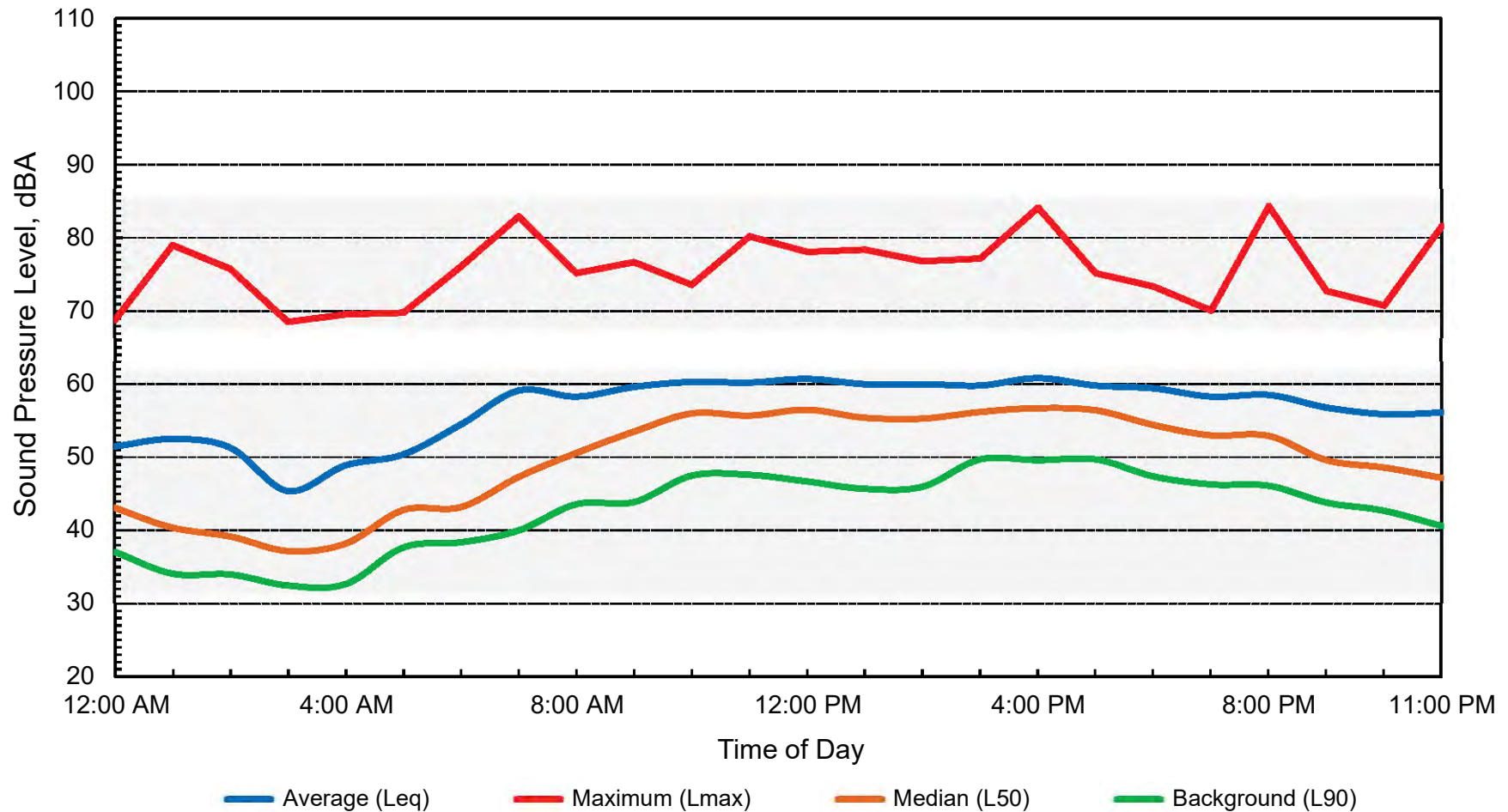
Computed DNL = 63 dB

Appendix D-9
Long-Term Ambient Noise Monitoring Results, LT-2
Clearlake Airport Commercial Project - Clearlake, California
Saturday, May 3, 2025



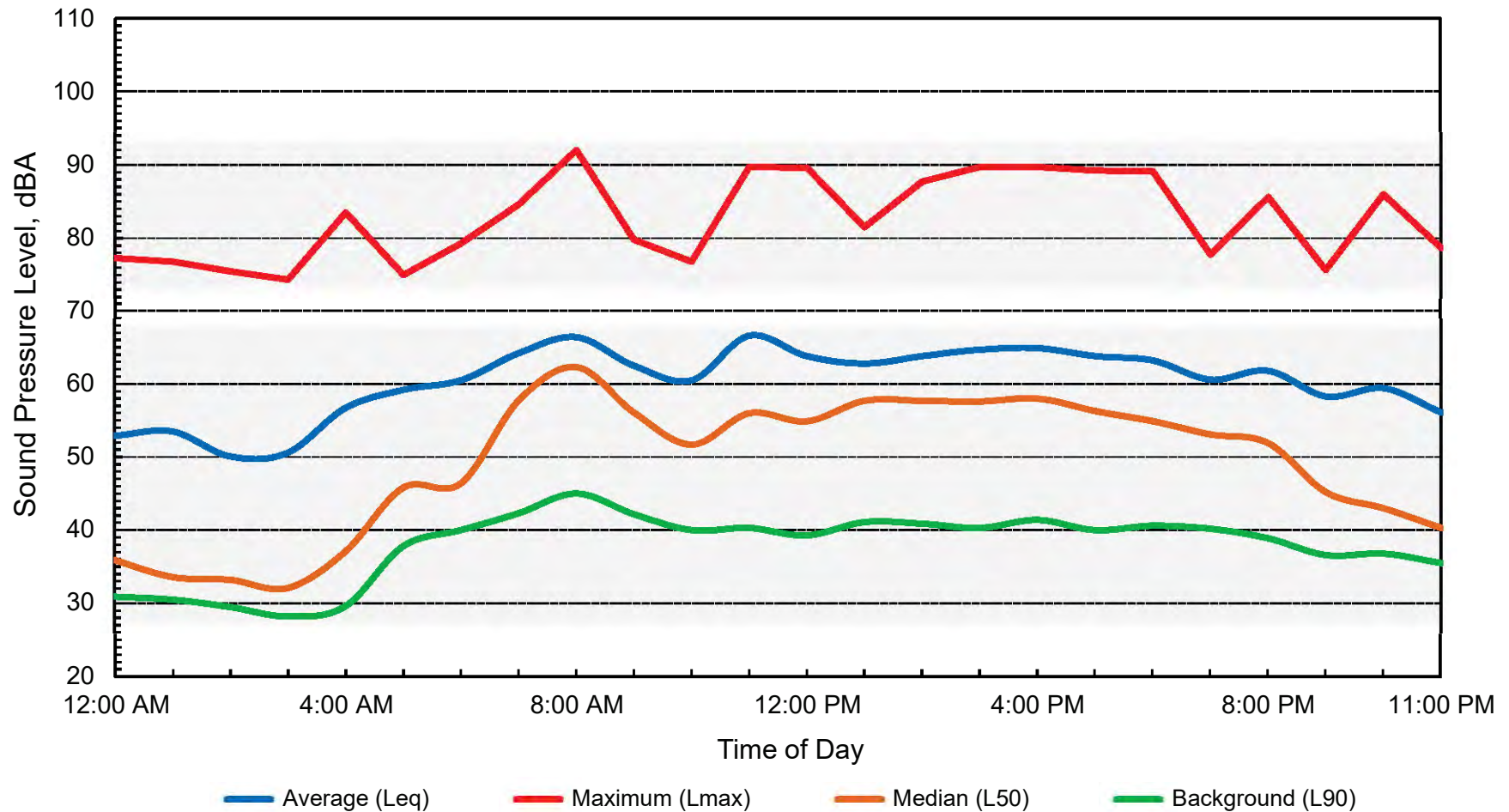
Computed DNL = 62 dB

Appendix D-10
Long-Term Ambient Noise Monitoring Results, LT-2
Clearlake Airport Commercial Project - Clearlake, California
Sunday, May 4, 2025



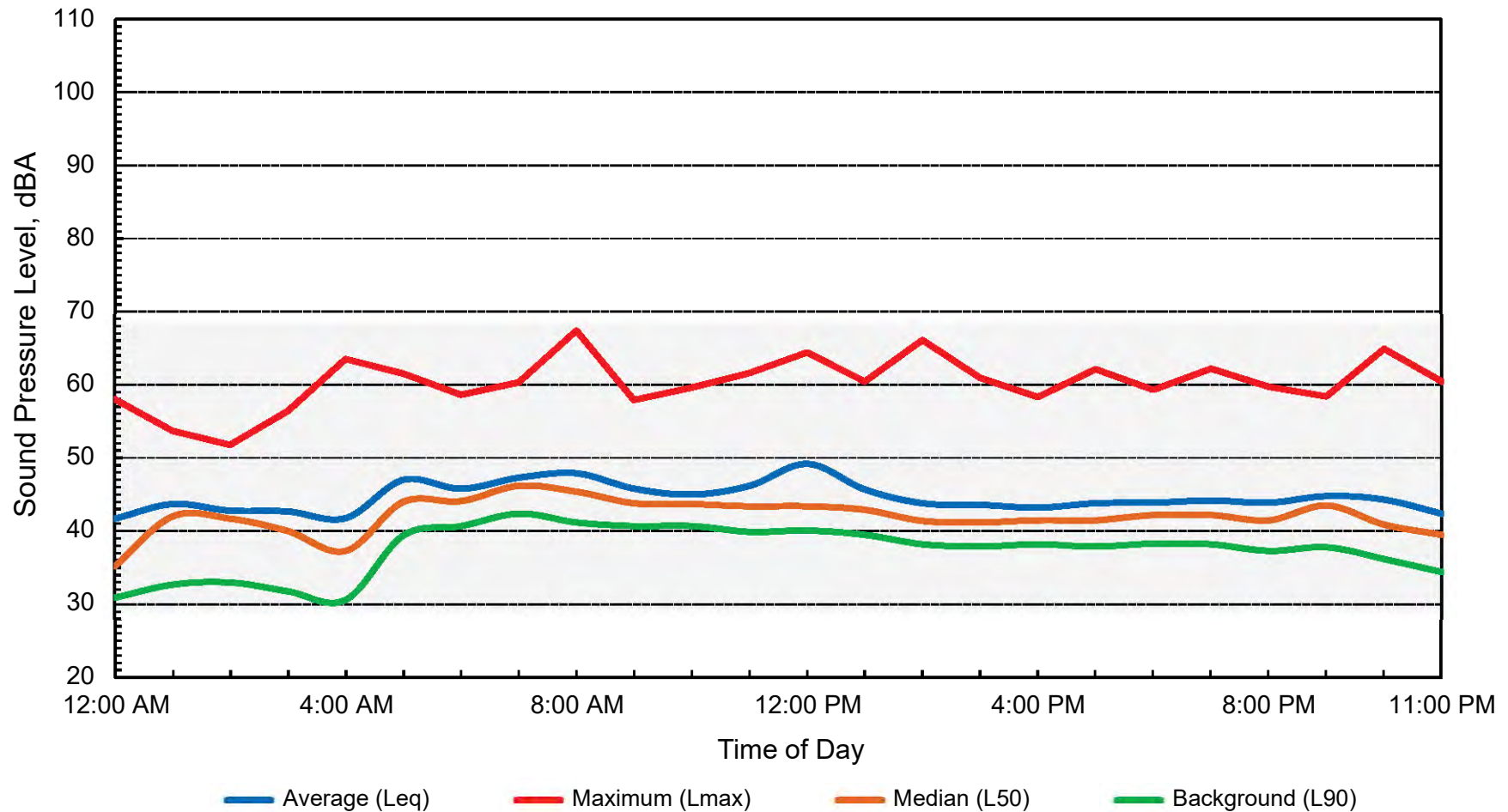
Computed DNL = 61 dB

Appendix D-11
Long-Term Ambient Noise Monitoring Results, LT-3
Clearlake Airport Commercial Project - Clearlake, California
Wednesday, April 30, 2025



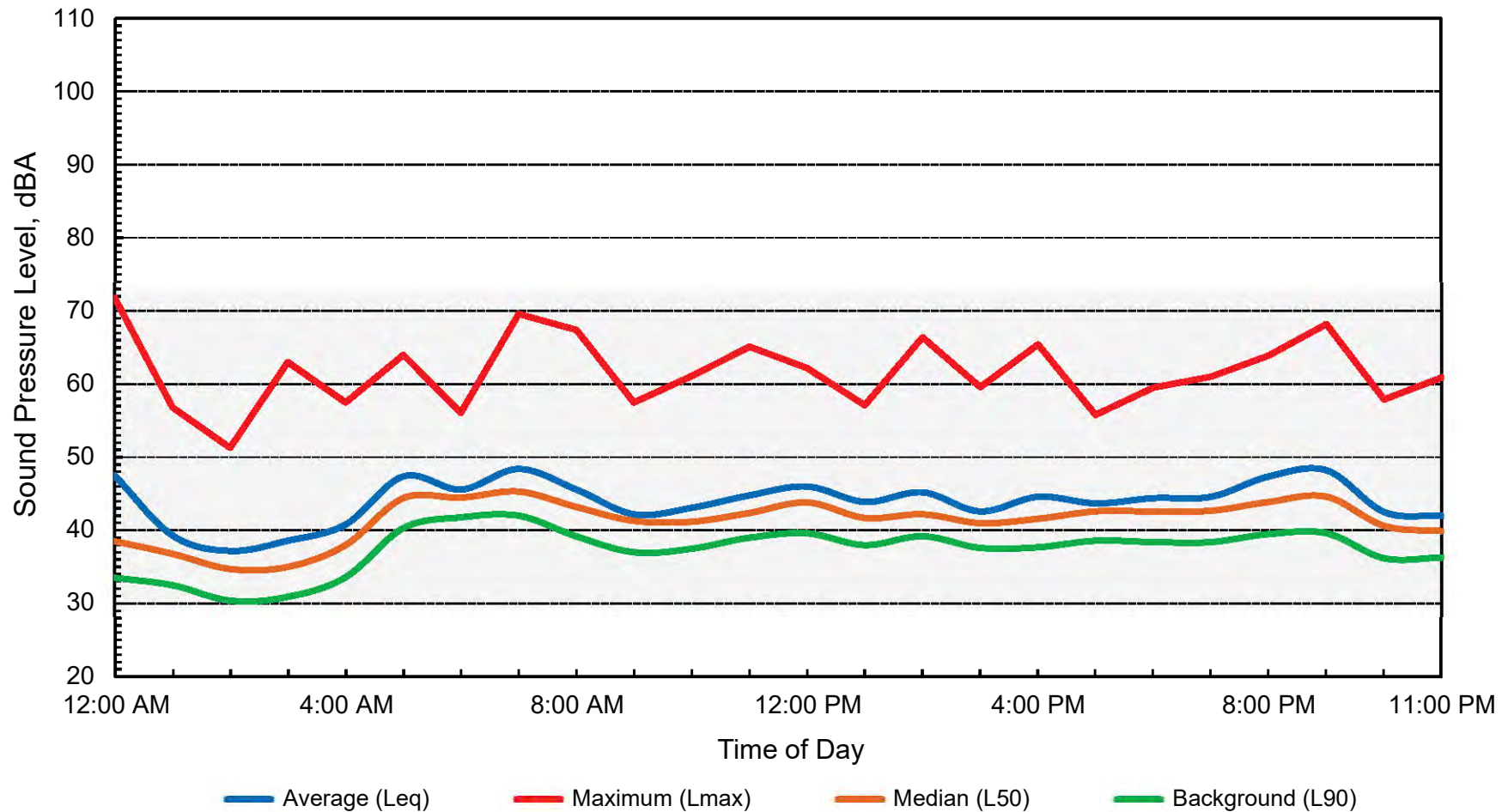
Computed DNL = 65 dB

Appendix D-12
Long-Term Ambient Noise Monitoring Results, LT-4
Clearlake Airport Commercial Project - Clearlake, California
Wednesday, April 30, 2025



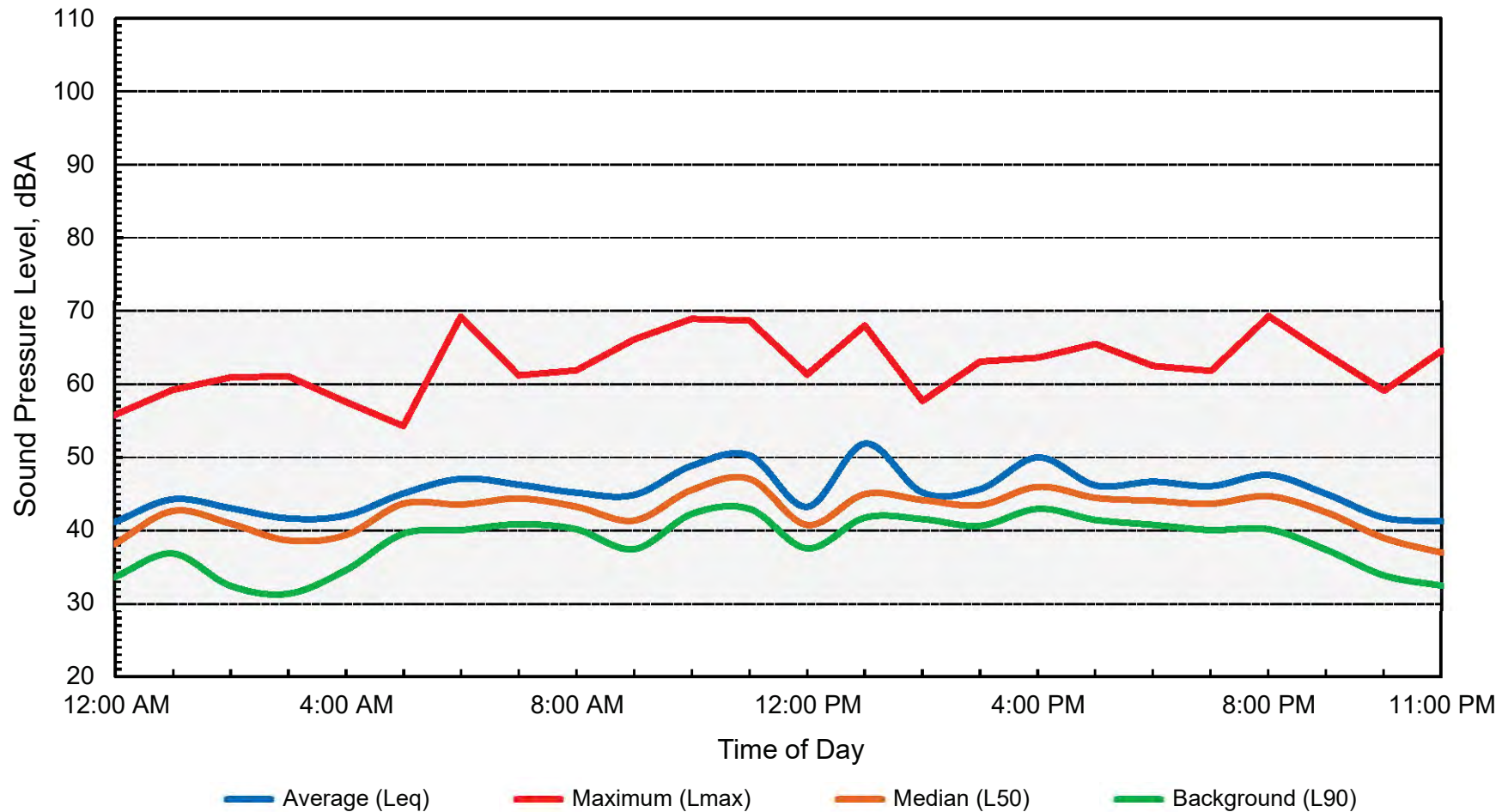
Computed DNL = 51 dB

Appendix D-13
Long-Term Ambient Noise Monitoring Results, LT-4
Clearlake Airport Commercial Project - Clearlake, California
Thursday, May 1, 2025



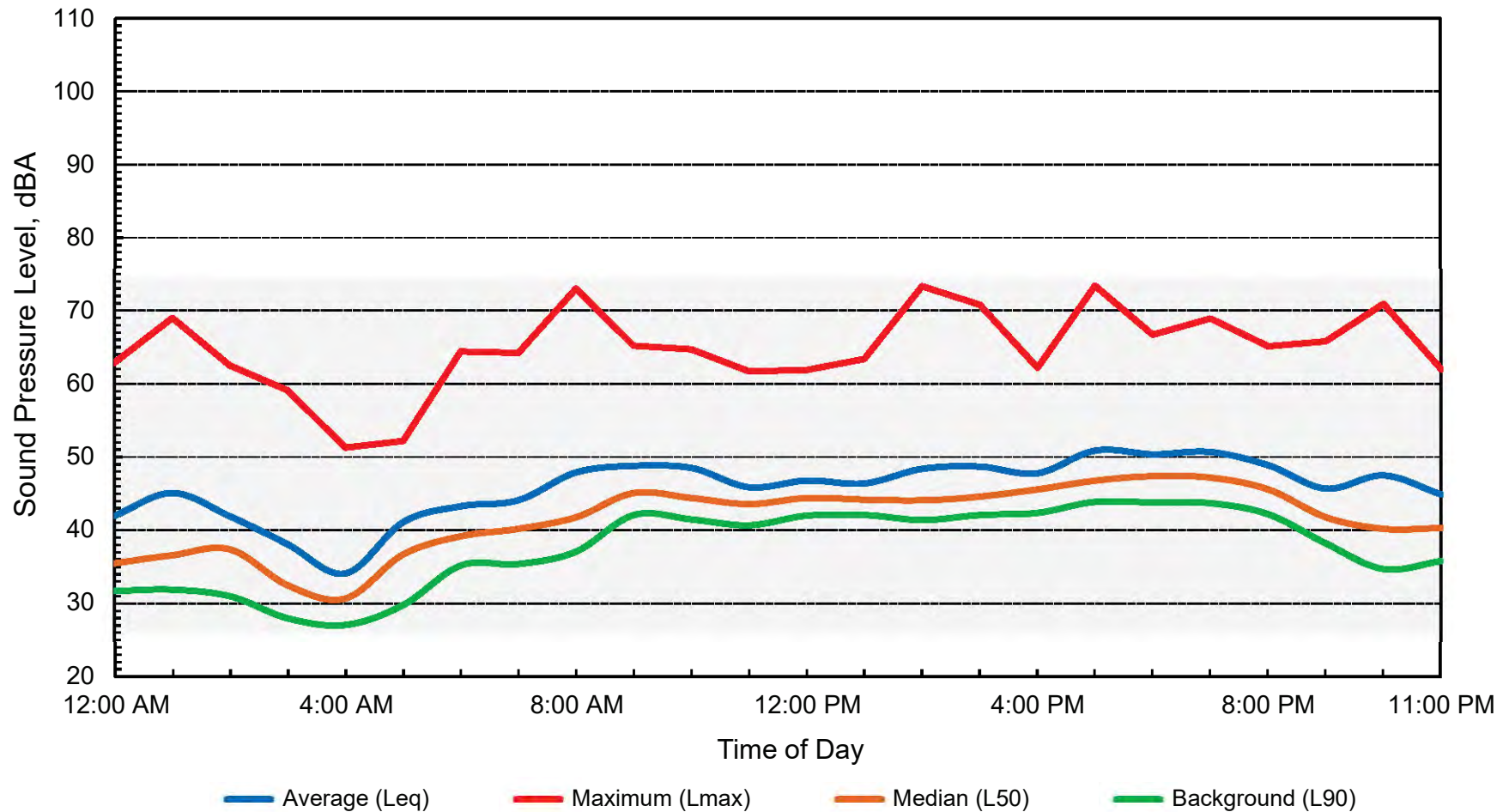
Computed DNL = 50 dB

Appendix D-14
Long-Term Ambient Noise Monitoring Results, LT-4
Clearlake Airport Commercial Project - Clearlake, California
Friday, May 2, 2025



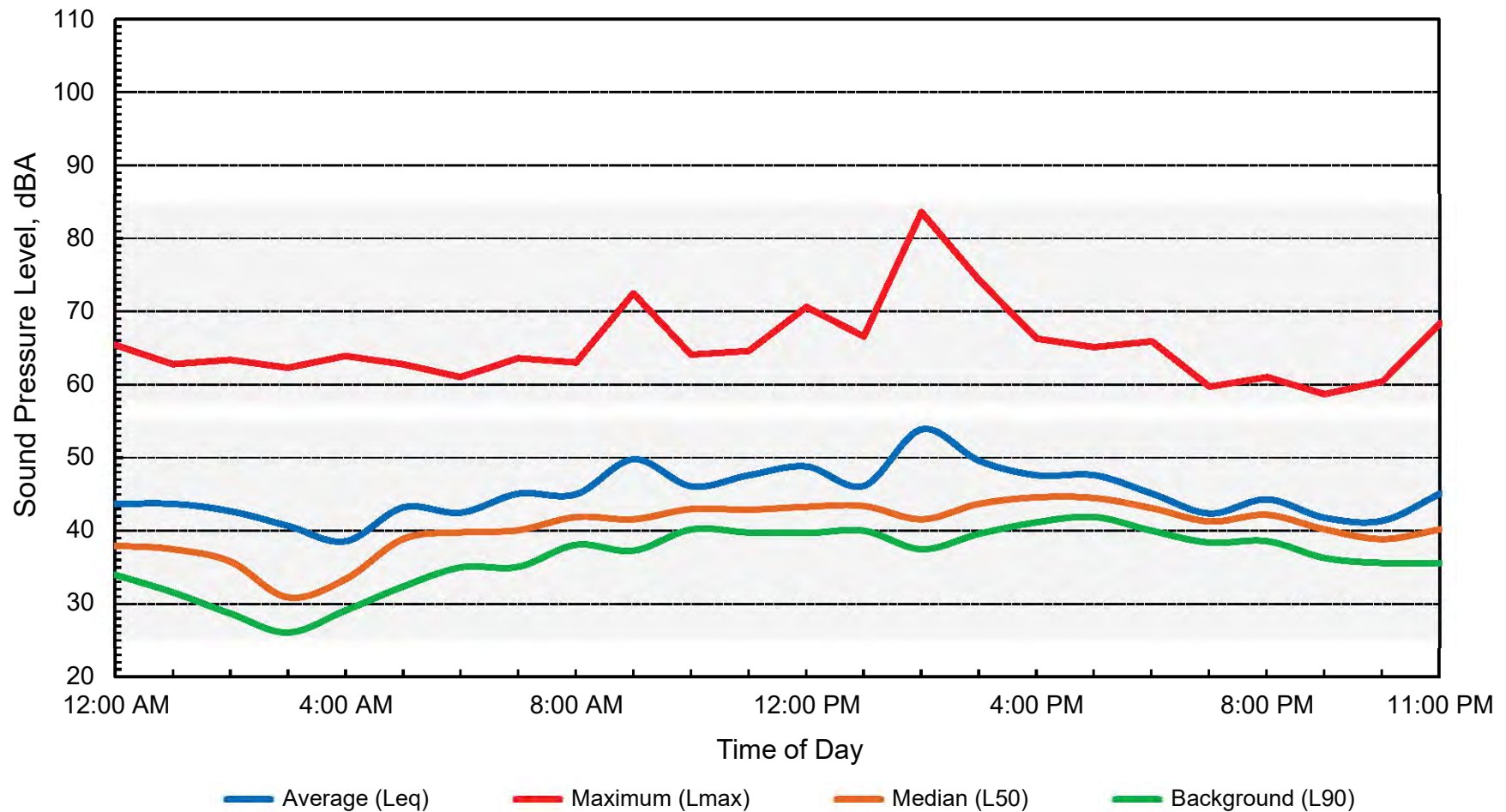
Computed DNL = 51 dB

Appendix D-15
Long-Term Ambient Noise Monitoring Results, LT-4
Clearlake Airport Commercial Project - Clearlake, California
Saturday, May 3, 2025



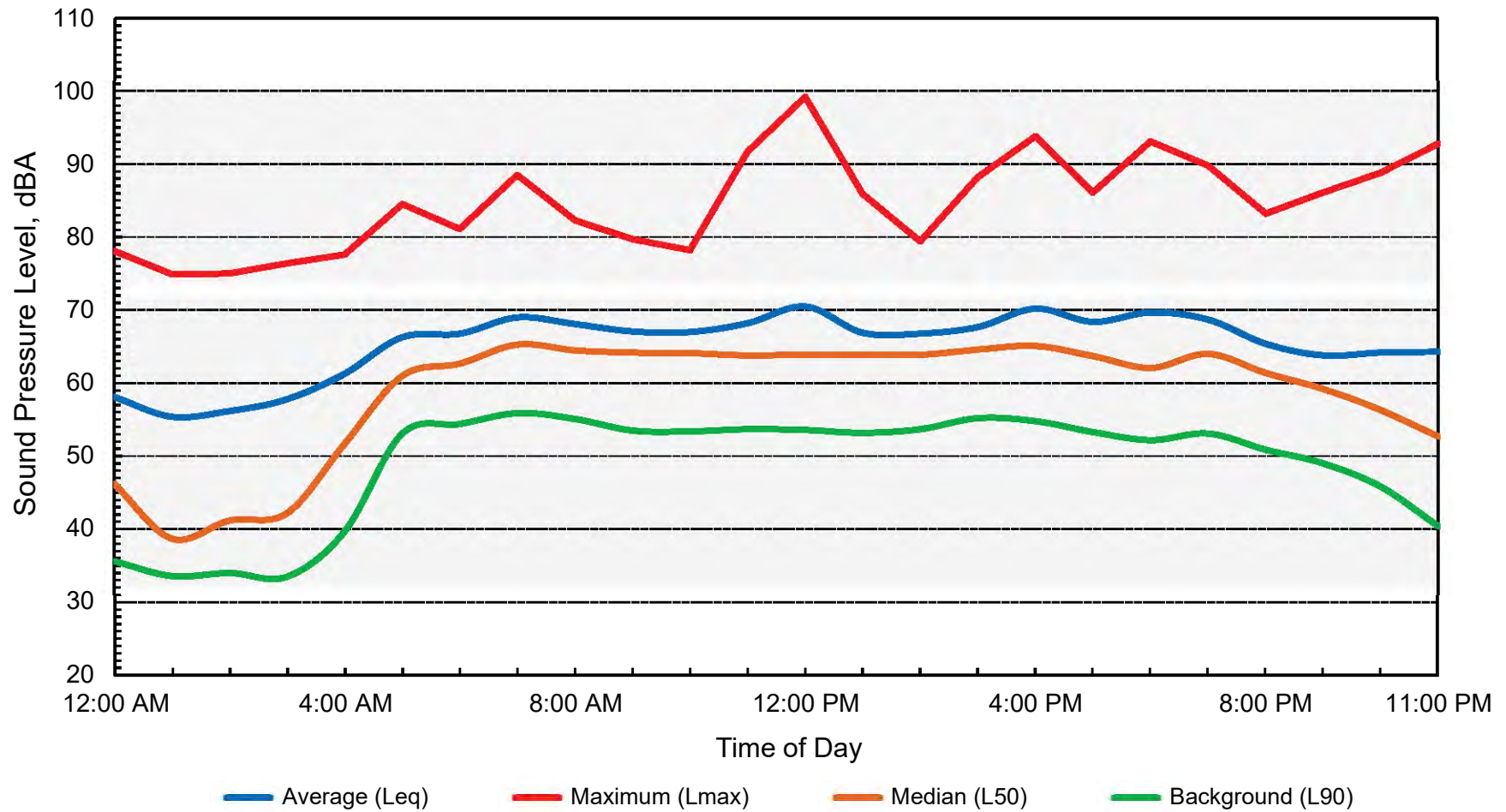
Computed DNL = 51 dB

Appendix D-16
Long-Term Ambient Noise Monitoring Results, LT-4
Clearlake Airport Commercial Project - Clearlake, California
Sunday, May 4, 2025



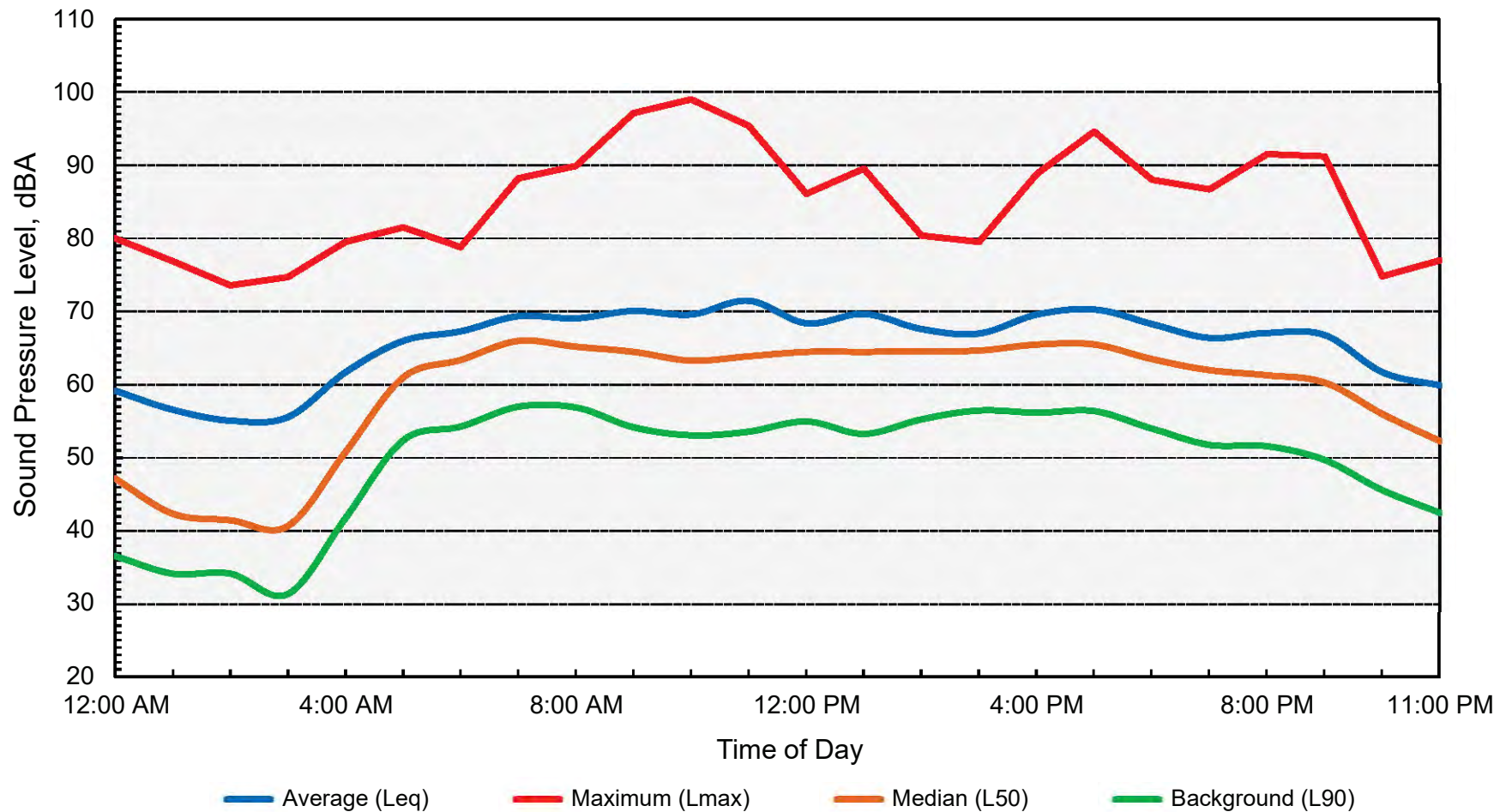
Computed DNL = 50 dB

Appendix D-17
Long-Term Ambient Noise Monitoring Results, LT-5
Clearlake Airport Commercial Project - Clearlake, California
Wednesday, April 30, 2025



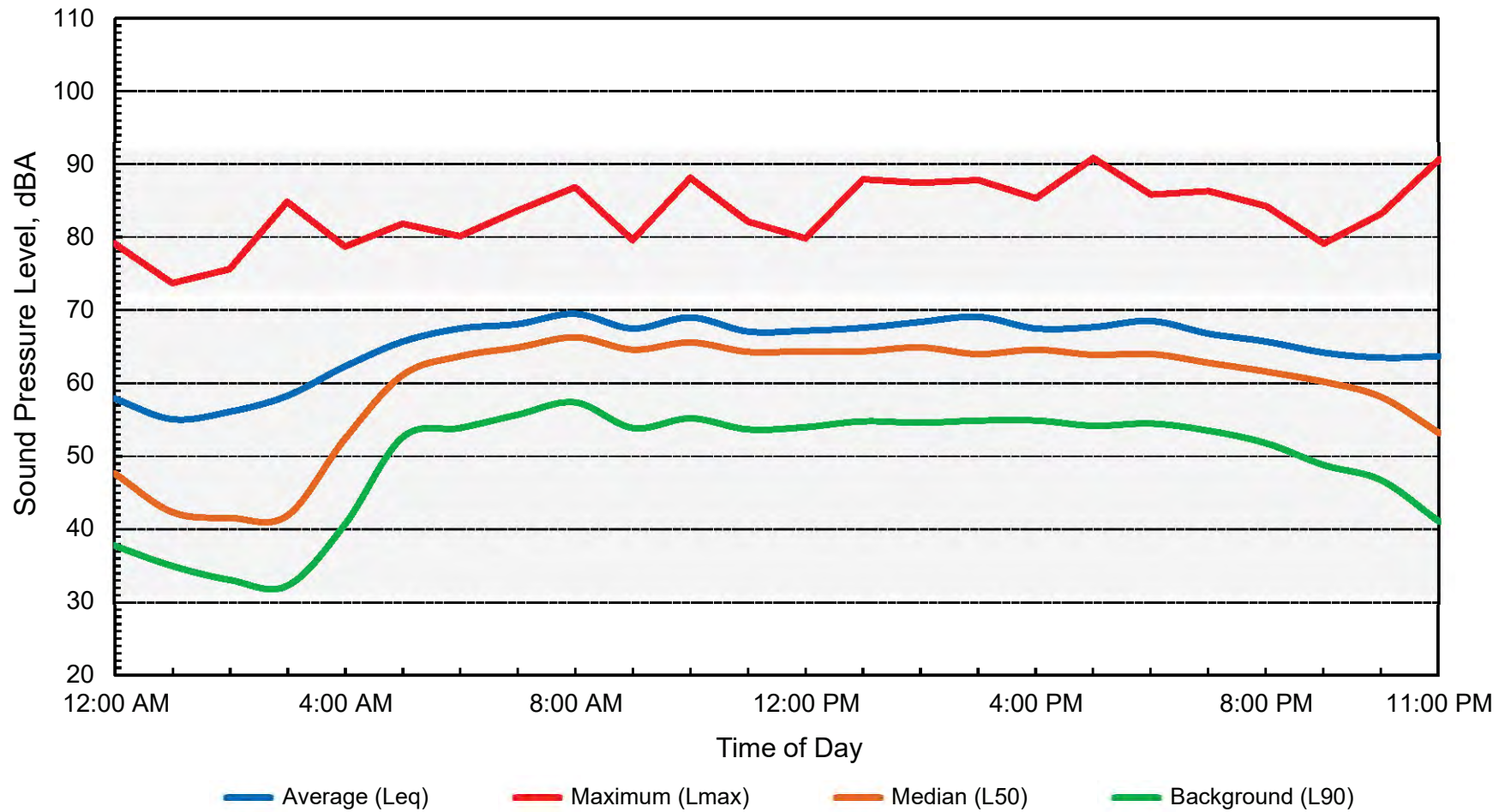
Computed DNL = 71 dB

Appendix D-18
Long-Term Ambient Noise Monitoring Results, LT-5
Clearlake Airport Commercial Project - Clearlake, California
Thursday, May 1, 2025



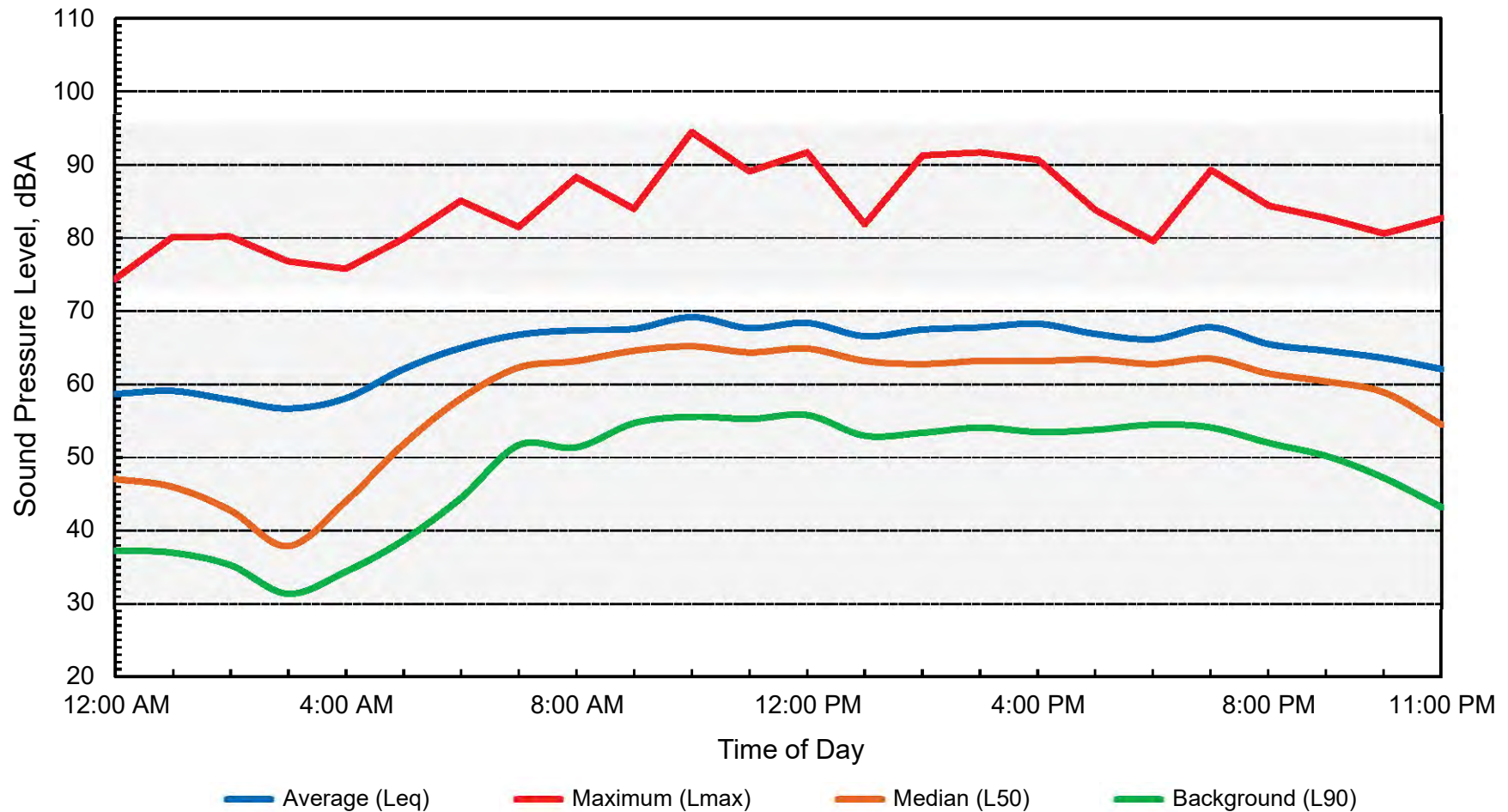
Computed DNL = 71 dB

Appendix D-19
Long-Term Ambient Noise Monitoring Results, LT-5
Clearlake Airport Commercial Project - Clearlake, California
Friday, May 2, 2025



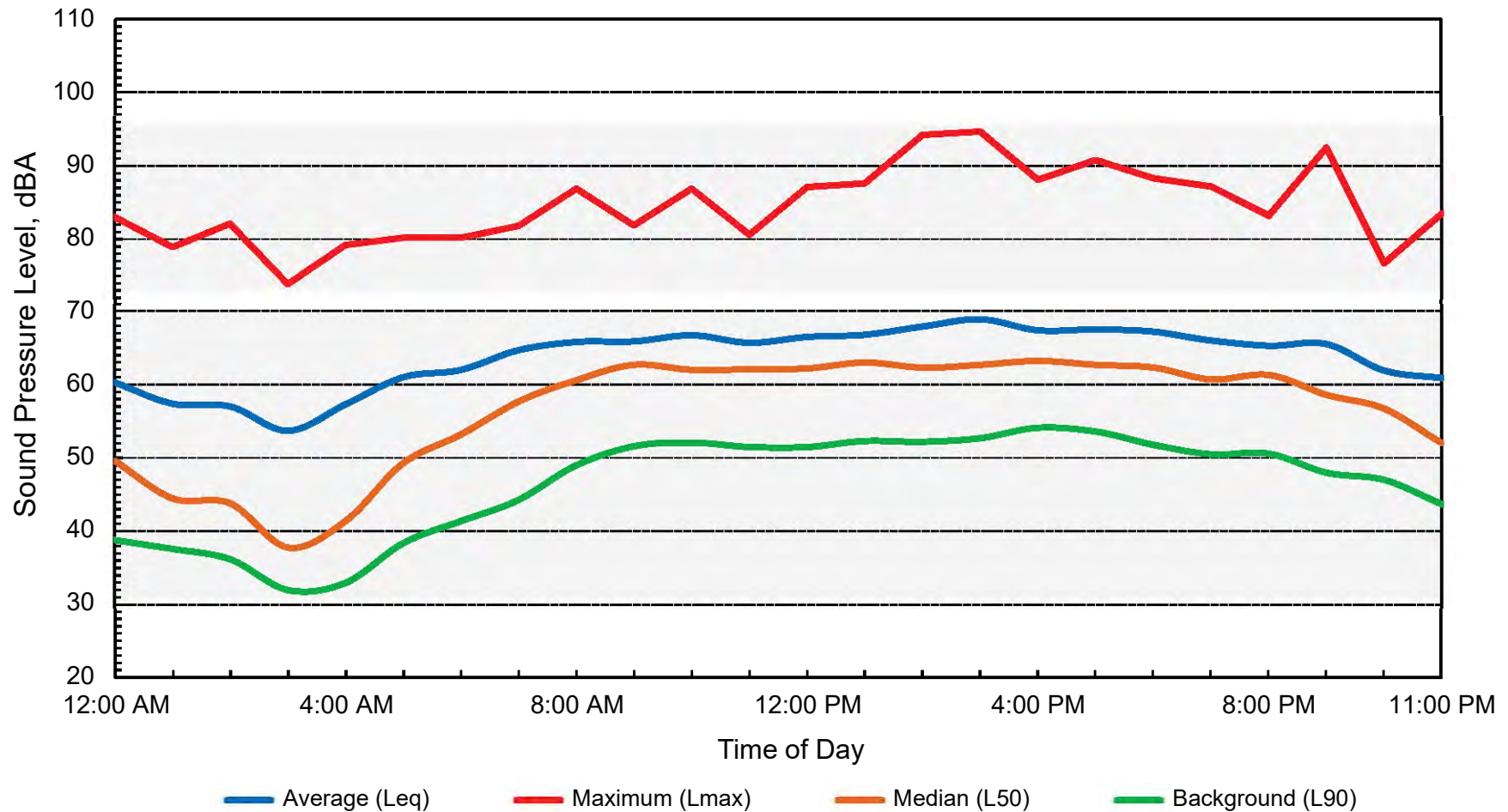
Computed DNL = 70 dB

Appendix D-20
Long-Term Ambient Noise Monitoring Results, LT-5
Clearlake Airport Commercial Project - Clearlake, California
Saturday, May 3, 2025



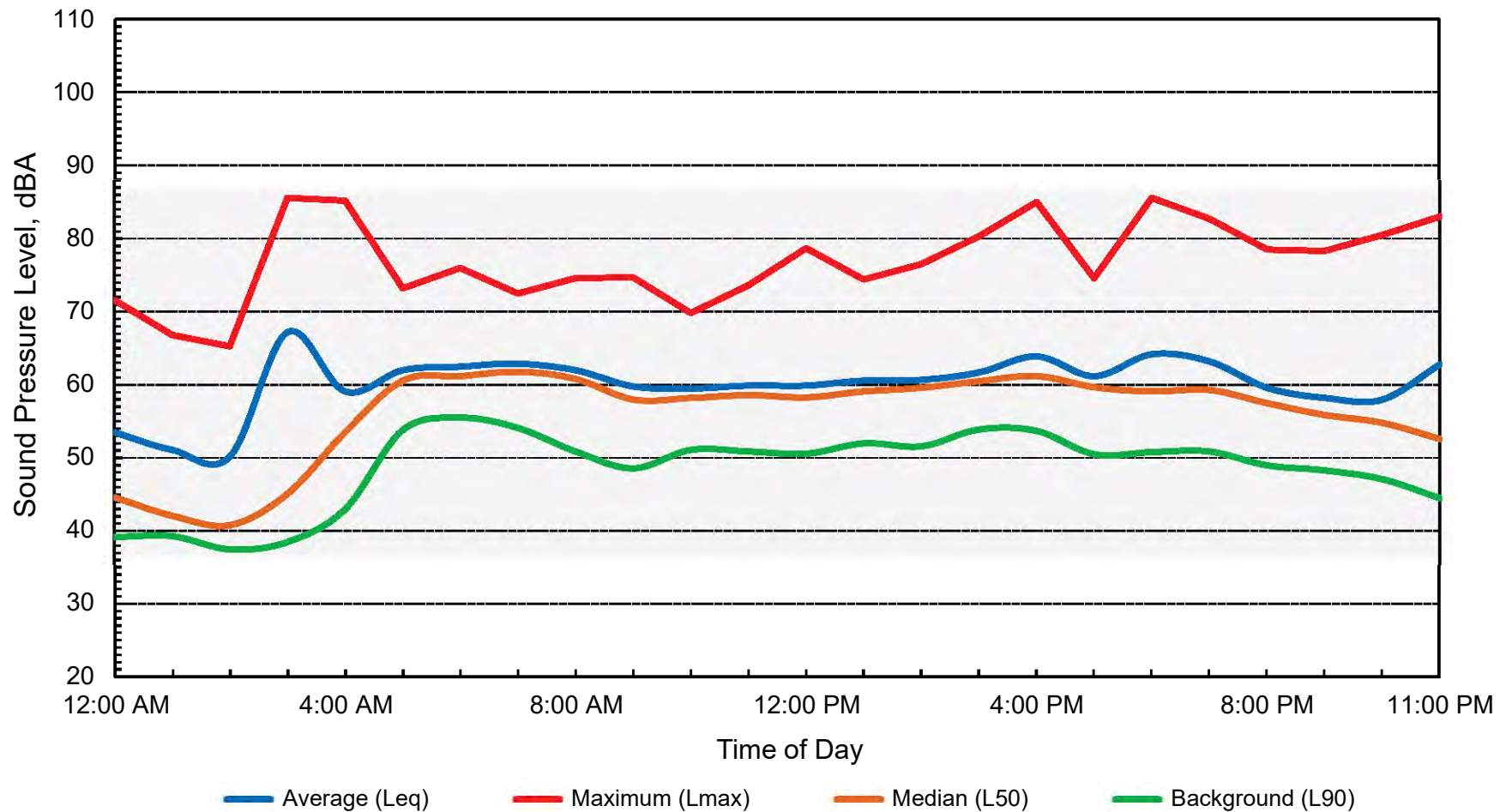
Computed DNL = 69 dB

Appendix D-21
Long-Term Ambient Noise Monitoring Results, LT-5
Clearlake Airport Commercial Project - Clearlake, California
Sunday, May 4, 2025



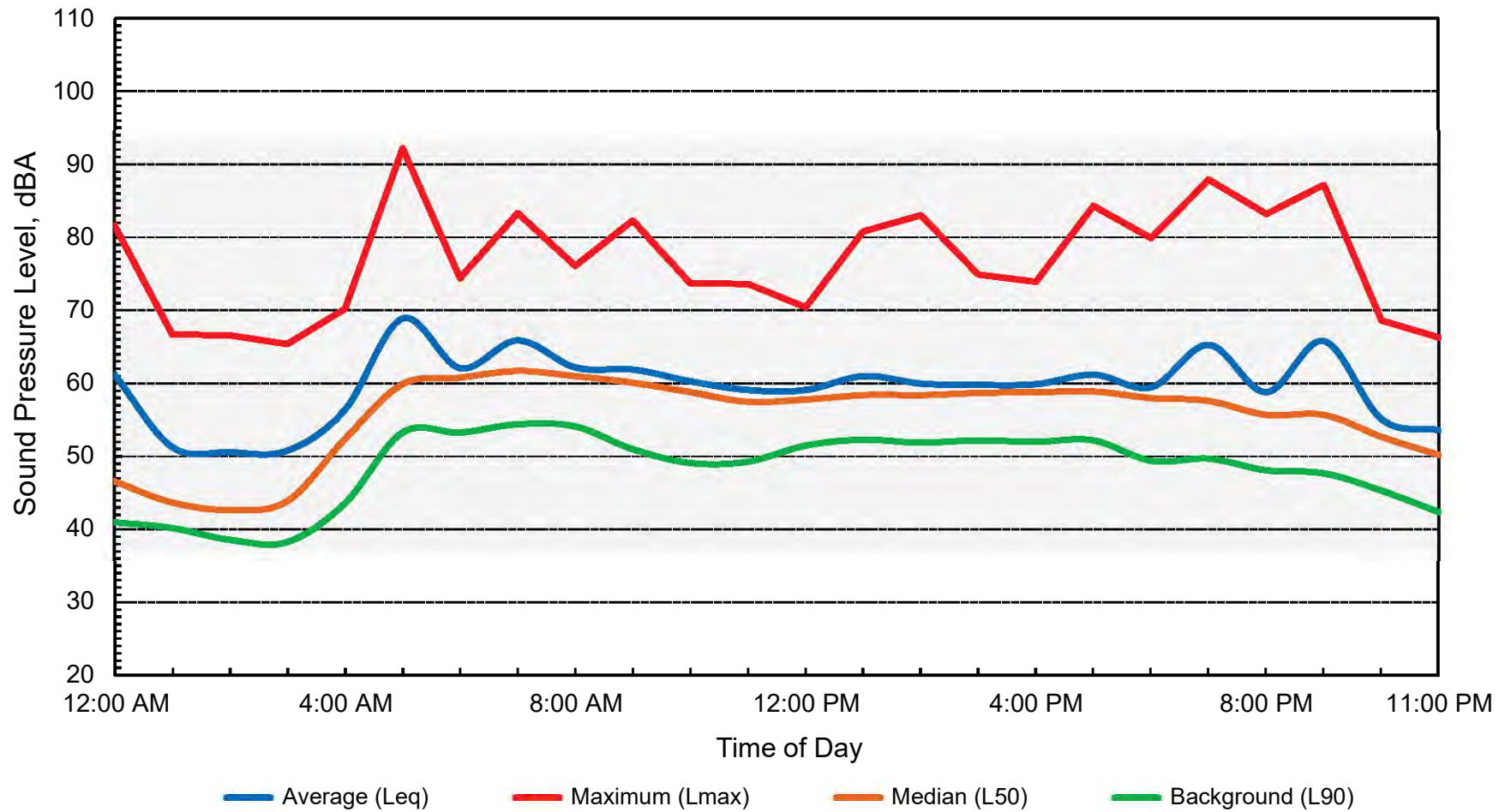
Computed DNL = 68 dB

Appendix D-22
Long-Term Ambient Noise Monitoring Results, LT-6
Clearlake Airport Commercial Project - Clearlake, California
Wednesday, April 30, 2025



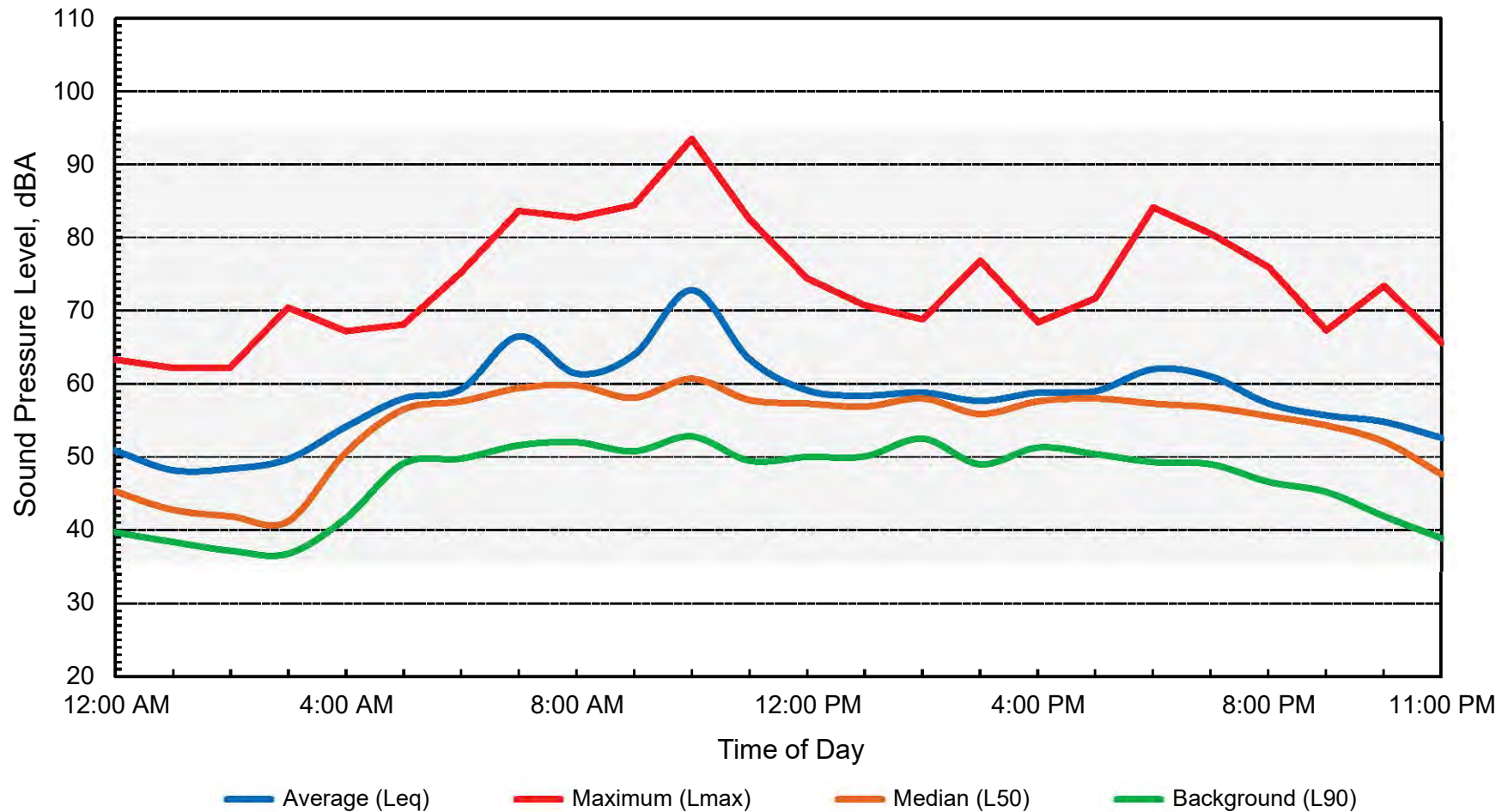
Computed DNL = 68 dB

Appendix D-23
Long-Term Ambient Noise Monitoring Results, LT-6
Clearlake Airport Commercial Project - Clearlake, California
Thursday, May 1, 2025



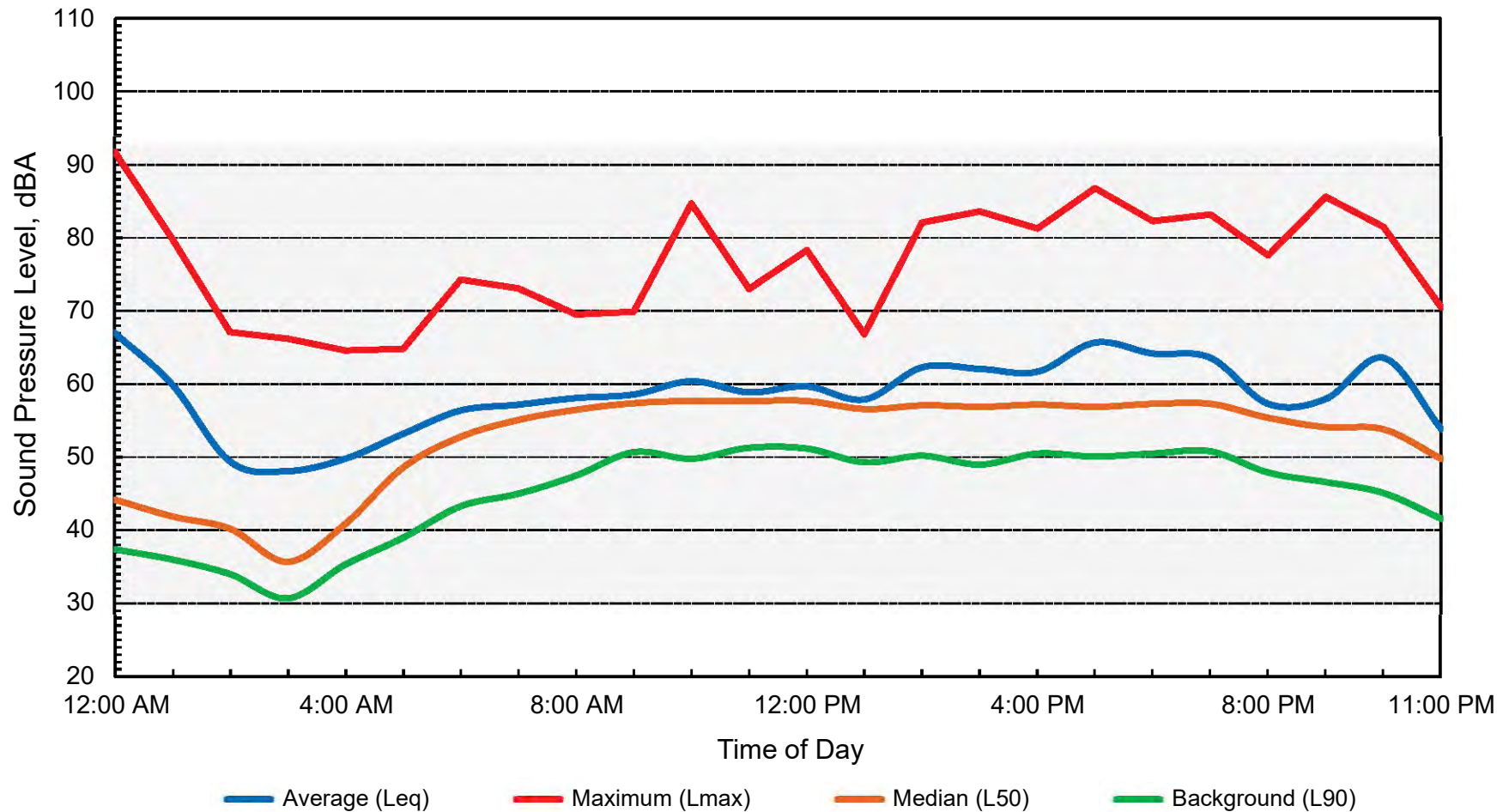
Computed DNL = 68 dB

Appendix D-24
Long-Term Ambient Noise Monitoring Results, LT-6
Clearlake Airport Commercial Project - Clearlake, California
Friday, May 2, 2025



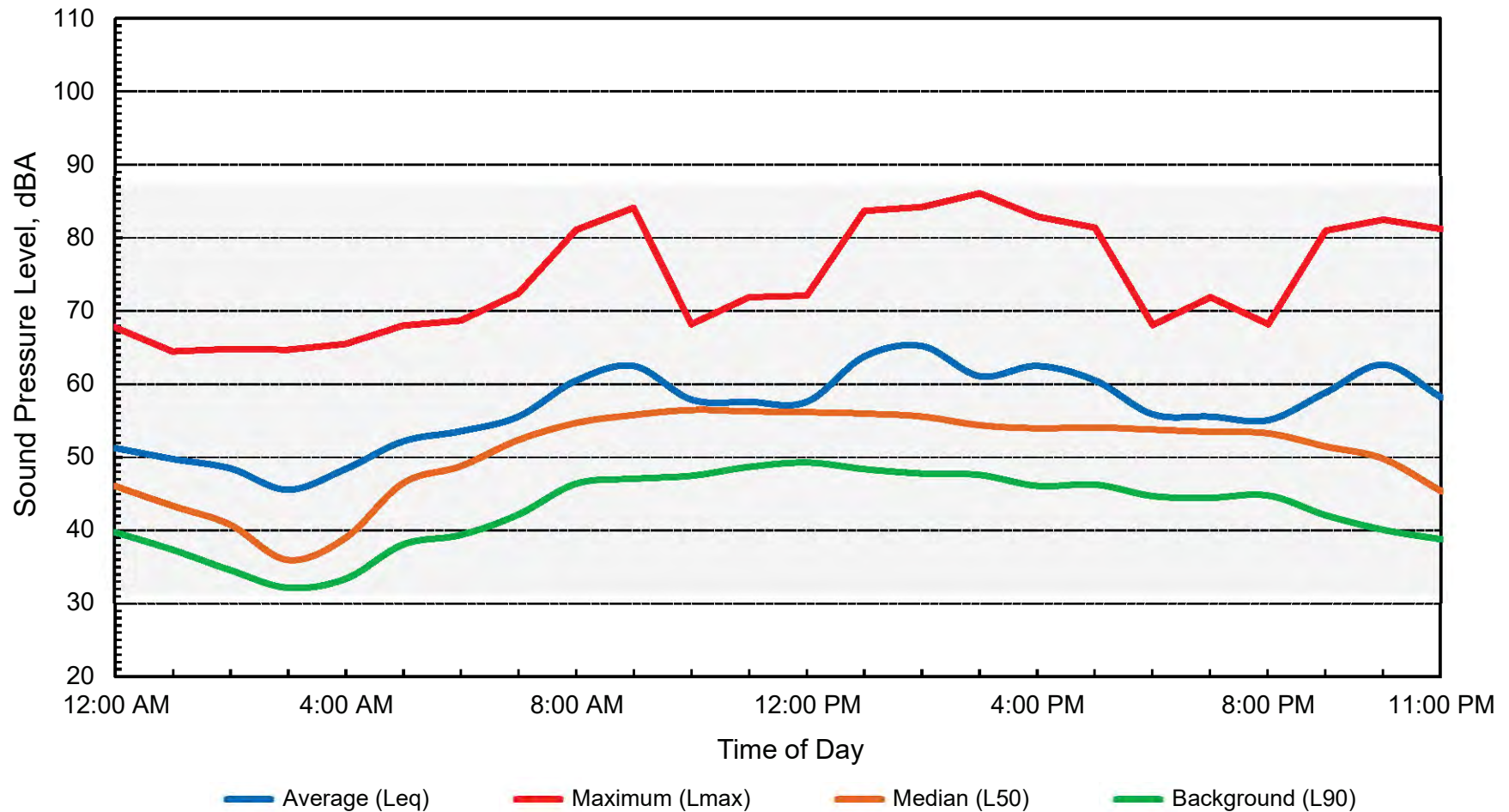
Computed DNL = 64 dB

Appendix D-25
Long-Term Ambient Noise Monitoring Results, LT-6
Clearlake Airport Commercial Project - Clearlake, California
Saturday, May 3, 2025



Computed DNL = 67 dB

Appendix D-26
Long-Term Ambient Noise Monitoring Results, LT-6
Clearlake Airport Commercial Project - Clearlake, California
Sunday, May 4, 2025



Computed DNL = 63 dB

Appendix C-1
Long-Term Ambient Noise Monitoring Results, LT-1
Clearlake Airport Commercial Project - Clearlake, California
Wednesday, April 30, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	58	86	48	39
1:00 AM	57	79	45	37
2:00 AM	54	75	44	36
3:00 AM	59	79	46	36
4:00 AM	59	78	53	44
5:00 AM	63	76	59	55
6:00 AM	64	78	60	55
7:00 AM	67	84	63	56
8:00 AM	68	83	66	57
9:00 AM	66	84	61	55
10:00 AM	66	91	59	53
11:00 AM	68	90	61	53
12:00 PM	67	90	62	53
1:00 PM	67	87	62	51
2:00 PM	68	88	63	52
3:00 PM	68	87	63	54
4:00 PM	68	86	64	54
5:00 PM	66	81	62	52
6:00 PM	71	103	62	52
7:00 PM	65	80	61	52
8:00 PM	66	89	60	52
9:00 PM	63	80	57	51
10:00 PM	62	80	56	50
11:00 PM	61	82	54	46

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	71	63	67	64	54	61
Lmax (Maximum)	103	80	87	86	75	79
L50 (Median)	66	57	62	60	44	52
L90 (Background)	57	51	53	55	36	44

Computed DNL, dB	69
% Daytime Energy	88%
% Nighttime Energy	12%

GPS Coordinates
38°55'49.53"N
122°37'12.43"W

Appendix C-2
Long-Term Ambient Noise Monitoring Results, LT-1
Clearlake Airport Commercial Project - Clearlake, California
Thursday, May 1, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	58	80	49	41
1:00 AM	59	90	46	36
2:00 AM	54	73	44	37
3:00 AM	54	74	45	35
4:00 AM	59	78	52	45
5:00 AM	64	81	59	54
6:00 AM	64	78	59	55
7:00 AM	66	78	62	55
8:00 AM	68	84	65	55
9:00 AM	66	82	61	53
10:00 AM	66	84	61	53
11:00 AM	67	92	63	55
12:00 PM	67	91	61	53
1:00 PM	66	83	63	53
2:00 PM	68	91	63	52
3:00 PM	67	84	64	53
4:00 PM	68	86	64	52
5:00 PM	68	91	64	53
6:00 PM	66	84	61	51
7:00 PM	66	85	61	52
8:00 PM	65	80	60	52
9:00 PM	64	85	58	50
10:00 PM	62	82	55	49
11:00 PM	59	82	52	45

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	68	64	67	64	54	60
Lmax (Maximum)	92	78	85	90	73	80
L50 (Median)	65	58	62	59	44	51
L90 (Background)	55	50	53	55	35	44

Computed DNL, dB	68
% Daytime Energy	87%
% Nighttime Energy	13%

GPS Coordinates
38°55'49.53"N
122°37'12.43"W

Appendix C-3
Long-Term Ambient Noise Monitoring Results, LT-1
Clearlake Airport Commercial Project - Clearlake, California
Friday, May 2, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	57	73	48	41
1:00 AM	55	73	46	38
2:00 AM	53	74	44	36
3:00 AM	53	72	45	34
4:00 AM	59	81	51	45
5:00 AM	62	77	56	52
6:00 AM	64	81	58	53
7:00 AM	66	83	61	54
8:00 AM	68	84	65	55
9:00 AM	67	84	63	54
10:00 AM	68	90	62	53
11:00 AM	67	85	62	53
12:00 PM	66	83	61	53
1:00 PM	66	84	62	53
2:00 PM	67	88	64	55
3:00 PM	68	81	66	55
4:00 PM	68	89	65	55
5:00 PM	67	85	64	54
6:00 PM	66	82	62	55
7:00 PM	67	87	61	53
8:00 PM	66	89	59	51
9:00 PM	64	79	58	50
10:00 PM	62	82	54	47
11:00 PM	59	79	50	44

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	68	64	67	64	53	60
Lmax (Maximum)	90	79	85	82	72	77
L50 (Median)	66	58	62	58	44	50
L90 (Background)	55	50	54	53	34	43

Computed DNL, dB	68
% Daytime Energy	89%
% Nighttime Energy	11%

GPS Coordinates
38°55'49.53"N
122°37'12.43"W

Appendix C-4
Long-Term Ambient Noise Monitoring Results, LT-1
Clearlake Airport Commercial Project - Clearlake, California
Saturday, May 3, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	60	79	48	40
1:00 AM	58	77	47	40
2:00 AM	55	77	44	38
3:00 AM	53	72	42	33
4:00 AM	54	74	45	38
5:00 AM	58	74	50	44
6:00 AM	61	83	54	48
7:00 AM	64	78	57	51
8:00 AM	65	80	59	51
9:00 AM	66	85	62	54
10:00 AM	67	88	62	56
11:00 AM	67	86	63	55
12:00 PM	66	81	63	55
1:00 PM	66	80	62	54
2:00 PM	69	99	63	55
3:00 PM	67	90	63	55
4:00 PM	68	94	62	56
5:00 PM	67	88	63	56
6:00 PM	66	89	61	55
7:00 PM	67	92	61	55
8:00 PM	64	81	59	53
9:00 PM	63	78	56	50
10:00 PM	65	93	56	49
11:00 PM	60	76	53	45

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	69	63	66	65	53	60
Lmax (Maximum)	99	78	86	93	72	78
L50 (Median)	63	56	61	56	42	49
L90 (Background)	56	50	54	49	33	42

Computed DNL, dB	68
% Daytime Energy	88%
% Nighttime Energy	12%

GPS Coordinates
38°55'49.53"N
122°37'12.43"W

Appendix C-5
Long-Term Ambient Noise Monitoring Results, LT-1
Clearlake Airport Commercial Project - Clearlake, California
Sunday, May 4, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	57	72	50	42
1:00 AM	56	77	46	39
2:00 AM	56	79	44	38
3:00 AM	51	73	40	34
4:00 AM	56	83	43	36
5:00 AM	56	75	50	43
6:00 AM	61	86	53	45
7:00 AM	63	85	55	47
8:00 AM	64	82	57	51
9:00 AM	66	82	59	51
10:00 AM	66	85	61	53
11:00 AM	68	91	62	55
12:00 PM	67	94	62	53
1:00 PM	66	84	61	52
2:00 PM	67	91	61	52
3:00 PM	66	83	61	54
4:00 PM	66	89	61	55
5:00 PM	65	85	60	55
6:00 PM	65	81	60	54
7:00 PM	64	78	59	52
8:00 PM	64	84	59	52
9:00 PM	63	80	57	50
10:00 PM	62	80	54	47
11:00 PM	59	80	51	43

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	68	63	66	62	51	58
Lmax (Maximum)	94	78	85	86	72	78
L50 (Median)	62	55	60	54	40	48
L90 (Background)	55	47	52	47	34	41

Computed DNL, dB	67
% Daytime Energy	90%
% Nighttime Energy	10%

GPS Coordinates
38°55'49.53"N
122°37'12.43"W

Appendix C-6
Long-Term Ambient Noise Monitoring Results, LT-2
Clearlake Airport Commercial Project - Clearlake, California
Wednesday, April 30, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	50	72	40	35
1:00 AM	51	69	37	33
2:00 AM	47	69	37	31
3:00 AM	51	69	35	29
4:00 AM	53	72	43	36
5:00 AM	56	69	49	44
6:00 AM	57	77	50	45
7:00 AM	61	80	56	48
8:00 AM	61	76	59	49
9:00 AM	60	81	56	47
10:00 AM	58	71	54	47
11:00 AM	61	81	56	47
12:00 PM	61	81	56	45
1:00 PM	60	75	57	46
2:00 PM	61	81	57	47
3:00 PM	61	81	57	47
4:00 PM	62	89	57	47
5:00 PM	60	79	56	46
6:00 PM	60	82	56	46
7:00 PM	59	72	54	45
8:00 PM	59	82	53	45
9:00 PM	56	71	50	44
10:00 PM	56	74	49	42
11:00 PM	55	80	47	40

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	62	56	60	57	47	54
Lmax (Maximum)	89	71	79	80	69	72
L50 (Median)	59	50	56	50	35	43
L90 (Background)	49	44	46	45	29	37

Computed DNL, dB	62
% Daytime Energy	87%
% Nighttime Energy	13%

GPS Coordinates
38°55'54.70"N
122°37'24.03"W

Appendix C-7
Long-Term Ambient Noise Monitoring Results, LT-2
Clearlake Airport Commercial Project - Clearlake, California
Thursday, May 1, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	52	72	41	34
1:00 AM	51	73	38	31
2:00 AM	48	69	38	33
3:00 AM	49	71	37	33
4:00 AM	53	72	43	38
5:00 AM	58	72	50	45
6:00 AM	59	76	52	47
7:00 AM	61	77	58	50
8:00 AM	64	91	59	48
9:00 AM	60	75	56	45
10:00 AM	60	81	56	45
11:00 AM	60	75	57	46
12:00 PM	60	81	57	48
1:00 PM	60	79	57	45
2:00 PM	60	76	57	46
3:00 PM	61	71	59	51
4:00 PM	61	82	58	47
5:00 PM	62	84	58	48
6:00 PM	60	72	57	45
7:00 PM	60	74	57	46
8:00 PM	59	79	54	45
9:00 PM	59	78	51	41
10:00 PM	55	71	46	39
11:00 PM	52	69	43	39

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	64	59	61	59	48	54
Lmax (Maximum)	91	71	78	76	69	72
L50 (Median)	59	51	57	52	37	43
L90 (Background)	51	41	46	47	31	38

Computed DNL, dB	62
% Daytime Energy	88%
% Nighttime Energy	12%

GPS Coordinates
38°55'54.70"N
122°37'24.03"W

Appendix C-8
Long-Term Ambient Noise Monitoring Results, LT-2
Clearlake Airport Commercial Project - Clearlake, California
Friday, May 2, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	51	69	42	40
1:00 AM	50	75	42	40
2:00 AM	48	69	40	38
3:00 AM	48	71	39	36
4:00 AM	53	72	42	38
5:00 AM	57	73	48	43
6:00 AM	59	76	52	46
7:00 AM	61	76	57	47
8:00 AM	62	79	58	47
9:00 AM	60	74	57	48
10:00 AM	63	83	57	48
11:00 AM	61	77	58	49
12:00 PM	59	73	55	46
1:00 PM	61	76	58	48
2:00 PM	66	89	59	49
3:00 PM	61	76	60	50
4:00 PM	62	86	59	50
5:00 PM	61	73	58	48
6:00 PM	60	77	56	48
7:00 PM	60	74	55	46
8:00 PM	59	76	53	44
9:00 PM	58	75	50	41
10:00 PM	55	71	44	37
11:00 PM	53	69	42	37

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	66	58	61	59	48	54
Lmax (Maximum)	89	73	78	76	69	72
L50 (Median)	60	50	57	52	39	43
L90 (Background)	50	41	47	46	36	39

Computed DNL, dB	63
% Daytime Energy	90%
% Nighttime Energy	10%

GPS Coordinates
38°55'54.70"N
122°37'24.03"W

Appendix C-9
Long-Term Ambient Noise Monitoring Results, LT-2
Clearlake Airport Commercial Project - Clearlake, California
Saturday, May 3, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	56	79	42	39
1:00 AM	52	74	43	40
2:00 AM	49	69	41	36
3:00 AM	47	68	33	29
4:00 AM	47	67	36	31
5:00 AM	53	70	39	35
6:00 AM	56	77	45	40
7:00 AM	58	77	50	42
8:00 AM	59	80	53	43
9:00 AM	62	87	57	48
10:00 AM	60	76	57	49
11:00 AM	61	74	57	49
12:00 PM	60	77	57	49
1:00 PM	61	72	58	49
2:00 PM	62	87	58	50
3:00 PM	62	88	58	50
4:00 PM	60	76	56	50
5:00 PM	61	78	57	51
6:00 PM	61	84	56	49
7:00 PM	61	77	55	49
8:00 PM	59	77	54	47
9:00 PM	57	74	50	43
10:00 PM	57	74	48	41
11:00 PM	55	74	47	40

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	62	57	60	57	47	54
Lmax (Maximum)	88	72	79	79	67	72
L50 (Median)	58	50	55	48	33	42
L90 (Background)	51	42	48	41	29	37

Computed DNL, dB	62
% Daytime Energy	88%
% Nighttime Energy	12%

GPS Coordinates
38°55'54.70"N
122°37'24.03"W

Appendix C-10
Long-Term Ambient Noise Monitoring Results, LT-2
Clearlake Airport Commercial Project - Clearlake, California
Sunday, May 4, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	52	69	43	37
1:00 AM	53	79	40	34
2:00 AM	51	76	39	34
3:00 AM	45	69	37	33
4:00 AM	49	70	38	33
5:00 AM	50	70	43	38
6:00 AM	55	76	43	38
7:00 AM	59	83	47	40
8:00 AM	58	75	51	44
9:00 AM	60	77	54	44
10:00 AM	60	74	56	48
11:00 AM	60	80	56	48
12:00 PM	61	78	57	47
1:00 PM	60	78	55	46
2:00 PM	60	77	55	46
3:00 PM	60	77	56	50
4:00 PM	61	84	57	50
5:00 PM	60	75	56	50
6:00 PM	59	73	54	47
7:00 PM	58	70	53	46
8:00 PM	59	84	53	46
9:00 PM	57	73	50	44
10:00 PM	56	71	49	43
11:00 PM	56	82	47	41

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	61	57	60	56	45	53
Lmax (Maximum)	84	70	77	82	69	73
L50 (Median)	57	47	54	49	37	42
L90 (Background)	50	40	46	43	33	37

Computed DNL, dB	61
% Daytime Energy	89%
% Nighttime Energy	11%

GPS Coordinates
38°55'54.70"N
122°37'24.03"W

Appendix C-11
Long-Term Ambient Noise Monitoring Results, LT-3
Clearlake Airport Commercial Project - Clearlake, California
Wednesday, April 30, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	53	77	36	31
1:00 AM	54	77	34	31
2:00 AM	50	76	33	30
3:00 AM	51	74	32	28
4:00 AM	57	84	37	30
5:00 AM	59	75	46	38
6:00 AM	61	79	46	40
7:00 AM	64	85	58	42
8:00 AM	66	92	62	45
9:00 AM	63	80	56	42
10:00 AM	61	77	52	40
11:00 AM	67	90	56	40
12:00 PM	64	90	55	39
1:00 PM	63	82	58	41
2:00 PM	64	88	58	41
3:00 PM	65	90	58	40
4:00 PM	65	90	58	41
5:00 PM	64	89	56	40
6:00 PM	63	89	55	41
7:00 PM	61	78	53	40
8:00 PM	62	86	52	39
9:00 PM	58	76	45	37
10:00 PM	59	86	43	37
11:00 PM	56	79	40	36

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	67	58	64	61	50	57
Lmax (Maximum)	92	76	85	86	74	79
L50 (Median)	62	45	55	46	32	39
L90 (Background)	45	37	41	40	28	33

Computed DNL, dB	65
% Daytime Energy	89%
% Nighttime Energy	11%

GPS Coordinates
38°56'8.81"N
122°37'35.86"W

Appendix C-12
Long-Term Ambient Noise Monitoring Results, LT-4
Clearlake Airport Commercial Project - Clearlake, California
Wednesday, April 30, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	42	58	35	31
1:00 AM	44	54	42	33
2:00 AM	43	52	42	33
3:00 AM	43	56	40	32
4:00 AM	42	64	37	31
5:00 AM	47	62	44	39
6:00 AM	46	59	44	41
7:00 AM	47	60	46	42
8:00 AM	48	67	45	41
9:00 AM	46	58	44	41
10:00 AM	45	60	44	41
11:00 AM	46	62	43	40
12:00 PM	49	64	43	40
1:00 PM	46	60	43	40
2:00 PM	44	66	41	38
3:00 PM	44	61	41	38
4:00 PM	43	58	42	38
5:00 PM	44	62	42	38
6:00 PM	44	59	42	38
7:00 PM	44	62	42	38
8:00 PM	44	60	42	37
9:00 PM	45	58	44	38
10:00 PM	44	65	41	36
11:00 PM	42	60	40	34

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	49	43	46	47	42	44
Lmax (Maximum)	67	58	61	65	52	59
L50 (Median)	46	41	43	44	35	41
L90 (Background)	42	37	39	41	31	34

Computed DNL, dB	51
% Daytime Energy	71%
% Nighttime Energy	29%

GPS Coordinates
38°56'16.32"N
122°37'36.54"W

Appendix C-13
Long-Term Ambient Noise Monitoring Results, LT-4
Clearlake Airport Commercial Project - Clearlake, California
Thursday, May 1, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	48	72	39	34
1:00 AM	39	57	37	33
2:00 AM	37	51	35	30
3:00 AM	39	63	35	31
4:00 AM	41	58	38	34
5:00 AM	47	64	44	40
6:00 AM	46	56	45	42
7:00 AM	48	70	45	42
8:00 AM	46	67	43	39
9:00 AM	42	58	41	37
10:00 AM	43	61	41	38
11:00 AM	45	65	42	39
12:00 PM	46	62	44	40
1:00 PM	44	57	42	38
2:00 PM	45	66	42	39
3:00 PM	43	60	41	38
4:00 PM	45	65	42	38
5:00 PM	44	56	43	39
6:00 PM	44	60	43	38
7:00 PM	45	61	43	38
8:00 PM	47	64	44	40
9:00 PM	48	68	45	40
10:00 PM	43	58	41	36
11:00 PM	42	61	40	36

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	48	42	45	48	37	44
Lmax (Maximum)	70	56	63	72	51	60
L50 (Median)	45	41	43	45	35	39
L90 (Background)	42	37	39	42	30	35

Computed DNL, dB	50
% Daytime Energy	71%
% Nighttime Energy	29%

GPS Coordinates
38°56'16.32"N
122°37'36.54"W

Appendix C-14
Long-Term Ambient Noise Monitoring Results, LT-4
Clearlake Airport Commercial Project - Clearlake, California
Friday, May 2, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	41	56	38	34
1:00 AM	44	59	43	37
2:00 AM	43	61	41	33
3:00 AM	42	61	39	31
4:00 AM	42	58	39	35
5:00 AM	45	54	44	40
6:00 AM	47	69	44	40
7:00 AM	46	61	44	41
8:00 AM	45	62	43	40
9:00 AM	45	66	41	38
10:00 AM	49	69	46	42
11:00 AM	50	69	47	43
12:00 PM	43	61	41	38
1:00 PM	52	68	45	42
2:00 PM	45	58	44	42
3:00 PM	46	63	44	41
4:00 PM	50	64	46	43
5:00 PM	46	66	45	42
6:00 PM	47	63	44	41
7:00 PM	46	62	44	40
8:00 PM	48	69	45	40
9:00 PM	45	64	43	37
10:00 PM	42	59	39	34
11:00 PM	41	65	37	33

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	52	43	48	47	41	44
Lmax (Maximum)	69	58	64	69	54	60
L50 (Median)	47	41	44	44	37	40
L90 (Background)	43	37	41	40	31	35

Computed DNL, dB	51
% Daytime Energy	81%
% Nighttime Energy	19%

GPS Coordinates
38°56'16.32"N
122°37'36.54"W

Appendix C-15
Long-Term Ambient Noise Monitoring Results, LT-4
Clearlake Airport Commercial Project - Clearlake, California
Saturday, May 3, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	42	63	36	32
1:00 AM	45	69	37	32
2:00 AM	42	63	37	31
3:00 AM	38	59	33	28
4:00 AM	34	51	31	27
5:00 AM	41	52	37	30
6:00 AM	43	64	39	35
7:00 AM	44	64	40	35
8:00 AM	48	73	42	37
9:00 AM	49	65	45	42
10:00 AM	49	65	44	42
11:00 AM	46	62	44	41
12:00 PM	47	62	44	42
1:00 PM	46	63	44	42
2:00 PM	48	73	44	41
3:00 PM	49	71	45	42
4:00 PM	48	62	46	42
5:00 PM	51	73	47	44
6:00 PM	50	67	47	44
7:00 PM	51	69	47	44
8:00 PM	49	65	46	42
9:00 PM	46	66	42	38
10:00 PM	48	71	40	35
11:00 PM	45	62	40	36

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	51	44	48	48	34	43
Lmax (Maximum)	73	62	67	71	51	62
L50 (Median)	47	40	44	40	31	37
L90 (Background)	44	35	41	36	27	32

Computed DNL, dB	51
% Daytime Energy	84%
% Nighttime Energy	16%

GPS Coordinates
38°56'16.32"N
122°37'36.54"W

Appendix C-16
Long-Term Ambient Noise Monitoring Results, LT-4
Clearlake Airport Commercial Project - Clearlake, California
Sunday, May 4, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	44	65	38	34
1:00 AM	44	63	38	32
2:00 AM	43	63	36	29
3:00 AM	41	62	31	26
4:00 AM	39	64	33	29
5:00 AM	43	63	39	32
6:00 AM	43	61	40	35
7:00 AM	45	64	40	35
8:00 AM	45	63	42	38
9:00 AM	50	73	42	37
10:00 AM	46	64	43	40
11:00 AM	48	65	43	40
12:00 PM	49	71	43	40
1:00 PM	46	67	43	40
2:00 PM	54	84	42	38
3:00 PM	50	74	44	40
4:00 PM	48	66	45	41
5:00 PM	48	65	45	42
6:00 PM	45	66	43	40
7:00 PM	42	60	41	38
8:00 PM	44	61	42	39
9:00 PM	42	59	40	36
10:00 PM	41	60	39	36
11:00 PM	45	68	40	36

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	54	42	48	45	39	43
Lmax (Maximum)	84	59	67	68	60	63
L50 (Median)	45	40	42	40	31	37
L90 (Background)	42	35	39	36	26	32

Computed DNL, dB	50
% Daytime Energy	84%
% Nighttime Energy	16%

GPS Coordinates
38°56'16.32"N
122°37'36.54"W

Appendix C-17
Long-Term Ambient Noise Monitoring Results, LT-5
Clearlake Airport Commercial Project - Clearlake, California
Wednesday, April 30, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	58	78	46	36
1:00 AM	55	75	39	34
2:00 AM	56	75	41	34
3:00 AM	58	76	42	34
4:00 AM	61	78	52	40
5:00 AM	66	85	61	53
6:00 AM	67	81	63	54
7:00 AM	69	89	65	56
8:00 AM	68	82	65	55
9:00 AM	67	80	64	54
10:00 AM	67	78	64	53
11:00 AM	68	92	64	54
12:00 PM	71	99	64	54
1:00 PM	67	86	64	53
2:00 PM	67	79	64	54
3:00 PM	68	88	65	55
4:00 PM	70	94	65	55
5:00 PM	68	86	64	53
6:00 PM	70	93	62	52
7:00 PM	69	90	64	53
8:00 PM	65	83	61	51
9:00 PM	64	86	59	49
10:00 PM	64	89	56	46
11:00 PM	64	93	53	40

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	71	64	68	67	55	63
Lmax (Maximum)	99	78	87	93	75	81
L50 (Median)	65	59	64	63	39	50
L90 (Background)	56	49	53	54	34	41

Computed DNL, dB	71
% Daytime Energy	85%
% Nighttime Energy	15%

GPS Coordinates
38°56'14.29"N
122°37'22.24"W

Appendix C-18
Long-Term Ambient Noise Monitoring Results, LT-5
Clearlake Airport Commercial Project - Clearlake, California
Thursday, May 1, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	59	80	47	37
1:00 AM	57	77	42	34
2:00 AM	55	74	42	34
3:00 AM	56	75	41	31
4:00 AM	62	80	51	42
5:00 AM	66	82	61	52
6:00 AM	67	79	63	54
7:00 AM	69	88	66	57
8:00 AM	69	90	65	57
9:00 AM	70	97	65	54
10:00 AM	70	99	63	53
11:00 AM	72	95	64	54
12:00 PM	68	86	65	55
1:00 PM	70	90	65	53
2:00 PM	68	80	65	55
3:00 PM	67	80	65	57
4:00 PM	70	89	66	56
5:00 PM	70	95	66	56
6:00 PM	68	88	64	54
7:00 PM	66	87	62	52
8:00 PM	67	92	61	52
9:00 PM	67	91	60	50
10:00 PM	62	75	56	46
11:00 PM	60	77	52	43

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	72	66	69	67	55	62
Lmax (Maximum)	99	80	90	82	74	77
L50 (Median)	66	60	64	63	41	51
L90 (Background)	57	50	54	54	31	41

Computed DNL, dB	71
% Daytime Energy	89%
% Nighttime Energy	11%

GPS Coordinates
38°56'14.29"N
122°37'22.24"W

Appendix C-19
Long-Term Ambient Noise Monitoring Results, LT-5
Clearlake Airport Commercial Project - Clearlake, California
Friday, May 2, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	58	79	48	38
1:00 AM	55	74	42	35
2:00 AM	56	76	42	33
3:00 AM	58	85	42	32
4:00 AM	62	79	52	41
5:00 AM	66	82	61	53
6:00 AM	68	80	64	54
7:00 AM	68	84	65	56
8:00 AM	70	87	66	57
9:00 AM	68	80	65	54
10:00 AM	69	88	66	55
11:00 AM	67	82	64	54
12:00 PM	67	80	64	54
1:00 PM	68	88	64	55
2:00 PM	68	87	65	55
3:00 PM	69	88	64	55
4:00 PM	68	85	65	55
5:00 PM	68	91	64	54
6:00 PM	69	86	64	55
7:00 PM	67	86	63	54
8:00 PM	66	84	62	52
9:00 PM	64	79	60	49
10:00 PM	64	83	58	47
11:00 PM	64	91	53	41

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	70	64	68	68	55	63
Lmax (Maximum)	91	79	85	91	74	81
L50 (Median)	66	60	64	64	42	51
L90 (Background)	57	49	54	54	32	41

Computed DNL, dB	70
% Daytime Energy	84%
% Nighttime Energy	16%

GPS Coordinates
38°56'14.29"N
122°37'22.24"W

Appendix C-20
Long-Term Ambient Noise Monitoring Results, LT-5
Clearlake Airport Commercial Project - Clearlake, California
Saturday, May 3, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	59	74	47	37
1:00 AM	59	80	46	37
2:00 AM	58	80	43	35
3:00 AM	57	77	38	31
4:00 AM	58	76	44	34
5:00 AM	62	80	52	39
6:00 AM	65	85	58	45
7:00 AM	67	82	62	52
8:00 AM	67	88	63	51
9:00 AM	68	84	65	55
10:00 AM	69	95	65	56
11:00 AM	68	89	64	55
12:00 PM	68	92	65	56
1:00 PM	67	82	63	53
2:00 PM	68	91	63	53
3:00 PM	68	92	63	54
4:00 PM	68	91	63	54
5:00 PM	67	84	63	54
6:00 PM	66	80	63	55
7:00 PM	68	89	64	54
8:00 PM	66	84	62	52
9:00 PM	65	83	60	50
10:00 PM	64	81	59	47
11:00 PM	62	83	55	43

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	69	65	67	65	57	61
Lmax (Maximum)	95	80	87	85	74	80
L50 (Median)	65	60	63	59	38	49
L90 (Background)	56	50	54	47	31	39

Computed DNL, dB	69
% Daytime Energy	87%
% Nighttime Energy	13%

GPS Coordinates
38°56'14.29"N
122°37'22.24"W

Appendix C-21
Long-Term Ambient Noise Monitoring Results, LT-5
Clearlake Airport Commercial Project - Clearlake, California
Sunday, May 4, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	60	83	50	39
1:00 AM	57	79	45	38
2:00 AM	57	82	44	36
3:00 AM	54	74	38	32
4:00 AM	57	79	41	33
5:00 AM	61	80	49	38
6:00 AM	62	80	53	41
7:00 AM	65	82	58	44
8:00 AM	66	87	61	49
9:00 AM	66	82	63	52
10:00 AM	67	87	62	52
11:00 AM	66	81	62	52
12:00 PM	67	87	62	52
1:00 PM	67	88	63	52
2:00 PM	68	94	62	52
3:00 PM	69	95	63	53
4:00 PM	67	88	63	54
5:00 PM	68	91	63	54
6:00 PM	67	88	62	52
7:00 PM	66	87	61	51
8:00 PM	65	83	61	51
9:00 PM	66	93	59	48
10:00 PM	62	77	57	47
11:00 PM	61	84	52	44

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	69	65	67	62	54	60
Lmax (Maximum)	95	81	87	84	74	80
L50 (Median)	63	58	62	57	38	48
L90 (Background)	54	44	51	47	32	39

Computed DNL, dB	68
% Daytime Energy	89%
% Nighttime Energy	11%

GPS Coordinates
38°56'14.29"N
122°37'22.24"W

Appendix C-22
Long-Term Ambient Noise Monitoring Results, LT-6
Clearlake Airport Commercial Project - Clearlake, California
Wednesday, April 30, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	54	72	45	39
1:00 AM	51	67	42	39
2:00 AM	50	65	41	38
3:00 AM	67	86	45	39
4:00 AM	59	85	54	43
5:00 AM	62	73	61	54
6:00 AM	63	76	61	56
7:00 AM	63	73	62	54
8:00 AM	62	75	61	51
9:00 AM	60	75	58	49
10:00 AM	60	70	58	51
11:00 AM	60	74	59	51
12:00 PM	60	79	58	51
1:00 PM	61	74	59	52
2:00 PM	61	77	60	52
3:00 PM	62	80	61	54
4:00 PM	64	85	61	54
5:00 PM	61	75	60	51
6:00 PM	64	86	59	51
7:00 PM	63	83	59	51
8:00 PM	60	79	58	49
9:00 PM	58	78	56	48
10:00 PM	58	81	55	47
11:00 PM	63	83	53	45

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	64	58	62	67	50	61
Lmax (Maximum)	86	70	77	86	65	76
L50 (Median)	62	56	59	61	41	51
L90 (Background)	54	48	51	56	38	44

Computed DNL, dB	68
% Daytime Energy	63%
% Nighttime Energy	37%

GPS Coordinates
38°56'2.60"N
122°37'12.70"W

Appendix C-23
Long-Term Ambient Noise Monitoring Results, LT-6
Clearlake Airport Commercial Project - Clearlake, California
Thursday, May 1, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	61	82	47	41
1:00 AM	51	67	44	40
2:00 AM	51	67	43	39
3:00 AM	51	65	44	38
4:00 AM	56	70	52	44
5:00 AM	69	92	60	53
6:00 AM	62	74	61	53
7:00 AM	66	83	62	54
8:00 AM	62	76	61	54
9:00 AM	62	82	60	51
10:00 AM	60	74	59	49
11:00 AM	59	74	58	49
12:00 PM	59	70	58	52
1:00 PM	61	81	58	52
2:00 PM	60	83	58	52
3:00 PM	60	75	59	52
4:00 PM	60	74	59	52
5:00 PM	61	84	59	52
6:00 PM	60	80	58	49
7:00 PM	65	88	58	50
8:00 PM	59	83	56	48
9:00 PM	66	87	56	48
10:00 PM	55	69	53	45
11:00 PM	54	66	50	42

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	66	59	62	69	51	61
Lmax (Maximum)	88	70	80	92	65	72
L50 (Median)	62	56	58	61	43	50
L90 (Background)	54	48	51	53	38	44

Computed DNL, dB	68
% Daytime Energy	67%
% Nighttime Energy	33%

GPS Coordinates
38°56'2.60"N
122°37'12.70"W

Appendix C-24
Long-Term Ambient Noise Monitoring Results, LT-6
Clearlake Airport Commercial Project - Clearlake, California
Friday, May 2, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	51	63	45	40
1:00 AM	48	62	43	38
2:00 AM	48	62	42	37
3:00 AM	50	70	41	37
4:00 AM	54	67	51	42
5:00 AM	58	68	57	49
6:00 AM	59	75	58	50
7:00 AM	67	84	59	52
8:00 AM	61	83	60	52
9:00 AM	64	84	58	51
10:00 AM	73	94	61	53
11:00 AM	63	83	58	50
12:00 PM	59	74	57	50
1:00 PM	58	71	57	50
2:00 PM	59	69	58	53
3:00 PM	58	77	56	49
4:00 PM	59	68	58	51
5:00 PM	59	72	58	50
6:00 PM	62	84	57	49
7:00 PM	61	81	57	49
8:00 PM	57	76	56	47
9:00 PM	56	67	54	45
10:00 PM	55	73	52	42
11:00 PM	53	66	48	39

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	73	56	64	59	48	55
Lmax (Maximum)	94	67	78	75	62	68
L50 (Median)	61	54	58	58	41	48
L90 (Background)	53	45	50	50	37	41

Computed DNL, dB	64
% Daytime Energy	94%
% Nighttime Energy	6%

GPS Coordinates
38°56'2.60"N
122°37'12.70"W

Appendix C-25
Long-Term Ambient Noise Monitoring Results, LT-6
Clearlake Airport Commercial Project - Clearlake, California
Saturday, May 3, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	67	92	44	37
1:00 AM	60	80	42	36
2:00 AM	49	67	40	34
3:00 AM	48	66	36	31
4:00 AM	50	65	41	35
5:00 AM	53	65	49	39
6:00 AM	56	74	53	43
7:00 AM	57	73	55	45
8:00 AM	58	70	57	48
9:00 AM	59	70	57	51
10:00 AM	60	85	58	50
11:00 AM	59	73	58	51
12:00 PM	60	78	58	51
1:00 PM	58	67	57	49
2:00 PM	62	82	57	50
3:00 PM	62	84	57	49
4:00 PM	62	81	57	51
5:00 PM	66	87	57	50
6:00 PM	64	82	57	51
7:00 PM	64	83	57	51
8:00 PM	57	78	55	48
9:00 PM	58	86	54	47
10:00 PM	64	82	54	45
11:00 PM	54	71	50	42

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	66	57	61	67	48	60
Lmax (Maximum)	87	67	79	92	65	73
L50 (Median)	58	54	57	54	36	45
L90 (Background)	51	45	49	45	31	38

Computed DNL, dB	67
% Daytime Energy	68%
% Nighttime Energy	32%

GPS Coordinates
38°56'2.60"N
122°37'12.70"W

Appendix C-26
Long-Term Ambient Noise Monitoring Results, LT-6
Clearlake Airport Commercial Project - Clearlake, California
Sunday, May 4, 2025

Hour	Leq	Lmax	L50	L90
12:00 AM	51	68	46	40
1:00 AM	50	65	43	37
2:00 AM	49	65	41	35
3:00 AM	46	65	36	32
4:00 AM	48	66	39	33
5:00 AM	52	68	47	38
6:00 AM	54	69	49	39
7:00 AM	56	72	52	42
8:00 AM	61	81	55	46
9:00 AM	63	84	56	47
10:00 AM	58	68	57	48
11:00 AM	58	72	56	49
12:00 PM	58	72	56	49
1:00 PM	64	84	56	48
2:00 PM	65	84	56	48
3:00 PM	61	86	54	48
4:00 PM	63	83	54	46
5:00 PM	61	81	54	46
6:00 PM	56	68	54	45
7:00 PM	56	72	54	45
8:00 PM	55	68	53	45
9:00 PM	59	81	52	42
10:00 PM	63	83	50	40
11:00 PM	58	81	45	39

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	65	55	60	63	46	56
Lmax (Maximum)	86	68	77	83	65	70
L50 (Median)	57	52	55	50	36	44
L90 (Background)	49	42	46	40	32	37

Computed DNL, dB	63
% Daytime Energy	83%
% Nighttime Energy	17%

GPS Coordinates
38°56'2.60"N
122°37'12.70"W



Legend

- A** Site LT-1 Facing South
- B** Site LT-1 Facing East
- C** Site LT-2 Facing South
- D** Site LT-3 Facing East

 Microphone Location

Noise Survey Photographs
Clearlake Airport Commercial Project
Clearlake, California

Appendix B-1





Legend

- A** Site LT-4 Facing North
- B** Site LT-4 Facing South
- C** Site LT-5 Facing South
- D** Site LT-6 Facing East

 Microphone Location

Noise Survey Photographs
Clearlake Airport Commercial Project
Clearlake, California

Appendix B-2

