Appendix H

Noise Calculations

Solano Wind Phase IV + Permits

Project-Generated Construction Source Noise Prediction Model

Road Construction

AECOM

Location	Distance to Nearest Receiver in feet	Combined Predicted Noise Level (L_{eq} dBA)
Threshold*	865	55
LT-1	775	55
LT-2	275	66
LT-3	1,500	47
Hastings Abode	1,100	51

Assumptions:	Reference Emission Noise Levels (L_{max}) at 50 feet[1]	Usage Factor[1]
Grader	85	0.4
Dozer	85	0.4
Dump Truck	84	0.4
Backhoe	80	0.4

Ground Type	Soft
Source Height	8
Receiver Height	5
Ground Factor	0.63

Predicted Noise Level [2]	L_{eq} dBA at 50 feet[2]
Grader	81
Dozer	81
Dump Truck	80
Backhoe	76

Combined Predicted Noise Level (L_{eq} dBA at 50 feet)
86

Sources:

[1] Obtained from the FHWA Roadway Construction Noise Model, January 2006.

[2] Based on the following from the Federal Transit Noise and Vibration Impact Assessment, 2006.

L_{eq}(equip) = E.L.+10*log (U.F.) - 20*log (D/50) - 10*G*log (D/50)

Where: E.L. = Emission Level;

U.F.= Usage Factor;

G = Constant that accounts for topography and ground effects; and

D = Distance from source to receiver.

*Project specific threshold

Solano Wind Phase IV + Permits

Project-Generated Construction Source Noise Prediction Model

Turbine Foundations

AECOM

Location	Distance to Nearest Receiver in feet	Combined Predicted Noise Level (L_{eq} dBA)
Threshold*	796	55
LT-1	3900	35
LT-2	3000	38
LT-3	1400	47
Hastings Abode	1100	50

Assumptions:	Reference Emission Noise Levels (L_{max}) at 50 feet[1]	Usage Factor[1]
Generator	82	0.5
Man Lift	85	0.2
Concrete Mixer Truck	85	0.4
Crane	85	0.16

Ground Type	Soft
Source Height	8
Receiver Height	5
Ground Factor	0.63

Predicted Noise Level [2]	L_{eq} dBA at 50 feet[2]
Generator	79
Man Lift	78
Concrete Mixer Truck	81
Crane	77

Combined Predicted Noise Level (L_{eq} dBA at 50 feet)
85

Sources:

[1] Obtained from the FHWA Roadway Construction Noise Model, January 2006.

[2] Based on the following from the Federal Transit Noise and Vibration Impact Assessment, 2006.

L_{eq}(equip) = E.L.+10*log (U.F.) - 20*log (D/50) - 10*G*log (D/50)

Where: E.L. = Emission Level;

U.F.= Usage Factor;

G = Constant that accounts for topography and ground effects; and

D = Distance from source to receiver.

*Project specific threshold

Solano Wind Phase IV + Permits

Project-Generated Construction Source Noise Prediction Model

Tower Erection

AECOM

Location	Distance to Nearest Receiver in feet	Combined Predicted Noise Level (L_{eq} dBA)
Threshold*	788	55
LT-1	3900	35
LT-2	3000	38
LT-3	1400	47
Hastings Abode	1100	50

Assumptions:	Reference Emission Noise Levels (L_{max}) at 50 feet[1]	Usage Factor[1]
Crane	85	0.16
Pneumatic Tools	85	0.5
Backhoe	80	0.4
Man Lift	85	0.2

Ground Type	Soft
Source Height	8
Receiver Height	5
Ground Factor	0.63

Predicted Noise Level [2]	L_{eq} dBA at 50 feet[2]
Crane	77
Pneumatic Tools	82
Backhoe	76
Man Lift	78

Combined Predicted Noise Level (L_{eq} dBA at 50 feet)
85

Sources:

[1] Obtained from the FHWA Roadway Construction Noise Model, January 2006.

[2] Based on the following from the Federal Transit Noise and Vibration Impact Assessment, 2006.

L_{eq}(equip) = E.L.+10*log (U.F.) - 20*log (D/50) - 10*G*log (D/50)

Where: E.L. = Emission Level;

U.F.= Usage Factor;

G = Constant that accounts for topography and ground effects; and

D = Distance from source to receiver.

*Project specific threshold

Solano Wind Phase IV + Permits

Project-Generated Construction Source Noise Prediction Model

Underground Cabling

AECOM

Location	Distance to Nearest Receiver in feet	Combined Predicted Noise Level (L_{eq} dBA)
Threshold*	613	55
LT-1	3900	32
LT-2	275	63
LT-3	1400	44
Hastings Abode	1100	47

Assumptions:	Reference Emission Noise Levels (L_{max}) at 50 feet[1]	Usage Factor[1]
Dozer	85	0.4
Backhoe	80	0.4
Pickup Truck	55	0.4

Ground Type	Soft
Source Height	8
Receiver Height	5
Ground Factor	0.63

Predicted Noise Level [2]	L_{eq} dBA at 50 feet[2]
Dozer	81
Backhoe	76
Pickup Truck	51

Combined Predicted Noise Level (L_{eq} dBA at 50 feet)
82

Sources:

[1] Obtained from the FHWA Roadway Construction Noise Model, January 2006.

[2] Based on the following from the Federal Transit Noise and Vibration Impact Assessment, 2006.

L_{eq}(equip) = E.L.+10*log (U.F.) - 20*log (D/50) - 10*G*log (D/50)

Where: E.L. = Emission Level;

U.F.= Usage Factor;

G = Constant that accounts for topography and ground effects; and

D = Distance from source to receiver.

*Project specific threshold

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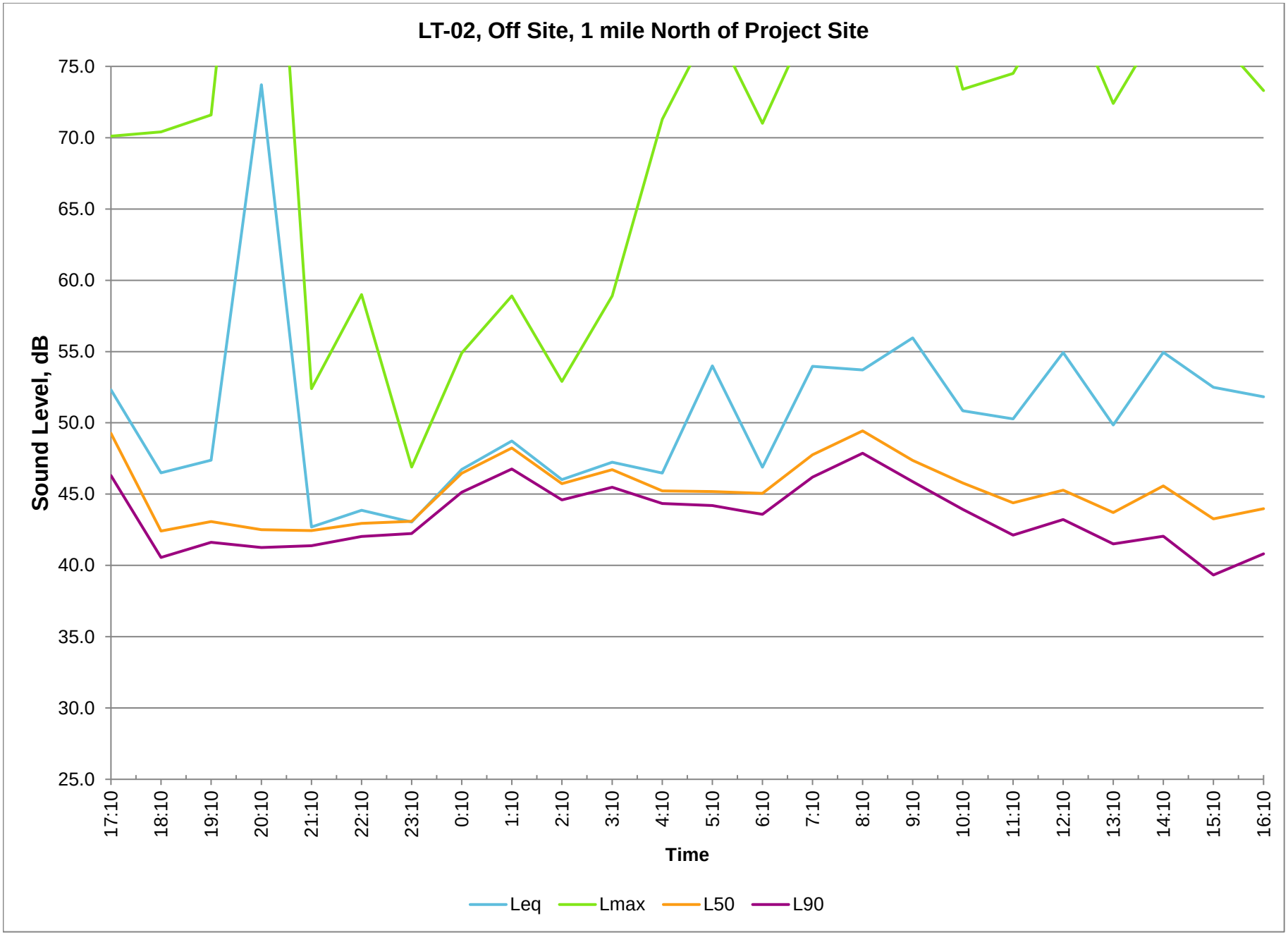
Site Location	Meas Numbe r	Date	Time	Time of Lmax	Duration	Leq	SEL
0	0	13-Mar 19	18:55:40	18:55:41	6.2	67.3	75.2
0	0	13-Mar 19	20:55:15	20:55:21	17.4	96.9	109.3
0	0	14-Mar 19	5:25:39	5:25:40	5.1	69.6	76.7
0	0	14-Mar 19	5:28:29	5:28:30	5.1	69.1	76.2
0	0	14-Mar 19	5:36:00	5:36:01	9.2	70.9	80.6
0	0	14-Mar 19	5:46:04	5:46:05	5.2	70	77.2
0	0	14-Mar 19	5:49:38	5:49:38	5	69	76
0	0	14-Mar 19	5:51:07	5:51:10	8.2	70.4	79.5
0	0	14-Mar 19	5:56:29	5:56:30	10.2	71.9	82
0	0	14-Mar 19	7:08:55	7:08:56	7.2	67.5	76.1
0	0	14-Mar 19	7:34:16	7:34:24	22.2	68.2	81.6
0	0	14-Mar 19	7:40:44	7:40:45	5.7	68.4	76
0	0	14-Mar 19	7:42:27	7:42:29	6.5	69	77.1
0	0	14-Mar 19	7:59:37	7:59:39	6.1	66.5	74.3
0	0	14-Mar 19	8:09:03	8:09:04	6.1	73.5	81.4
0	0	14-Mar 19	8:58:59	8:59:00	5.8	72	79.6
0	0	14-Mar 19	9:04:21	9:04:23	8.7	73.9	83.3
0	0	14-Mar 19	9:45:52	9:45:58	12.6	78.2	89.2
0	0	14-Mar 19	10:05:34	10:05:41	14.9	71.9	83.6
0	0	14-Mar 19	10:12:54	10:12:55	7.7	67.2	76.1
0	0	14-Mar 19	10:47:43	10:47:47	9.8	68.7	78.6
0	0	14-Mar 19	11:58:26	11:58:28	8.2	70.7	79.8
0	0	14-Mar 19	12:14:34	12:14:36	7.2	71.6	80.2
0	0	14-Mar 19	12:52:31	12:52:33	7.5	75.5	84.2
0	0	14-Mar 19	12:58:34	12:58:48	38.7	68.6	84.5
0	0	14-Mar 19	13:10:19	13:10:21	9.6	69.7	79.5
0	0	14-Mar 19	14:24:01	14:24:03	8.3	71.9	81.1
0	0	14-Mar 19	14:39:52	14:39:53	9	70.2	79.7
0	0	14-Mar 19	14:58:39	14:58:40	6.9	69	77.4
0	0	14-Mar 19	15:00:50	15:00:52	7.8	73.7	82.6
0	0	14-Mar 19	15:16:18	15:16:19	5.5	71.7	79.1
0	0	14-Mar 19	15:54:14	15:54:17	12.3	67.8	78.7
0	0	14-Mar 19	16:04:46	16:04:46	5.2	66.9	74.1
0	0	14-Mar 19	16:06:38	16:06:40	7.5	73.1	81.9
0	0	14-Mar 19	16:22:49	16:22:55	13.2	66.2	77.4
0	0	14-Mar 19	16:26:07	16:26:08	5	69.6	76.7
0	0	14-Mar 19	16:48:31	16:48:35	7.9	69.8	78.8
0	0	14-Mar 19	16:57:26	16:57:26	7.1	67.6	76.1

Lmax	Peak	Uwpk	Sym	Peak Exc Decay	d Over Type	Count	loads
70.4	83.1	88.7	28.5	0	0	0	0
104.1	131.7	131.9	40.2	0	0	6	10
73.1	86.2	93.2	23.4	0	0	0	0
72.5	85.8	91.2	23.8	0	0	0	0
74.5	88.1	98.3	18.8	0	0	0	0
73.9	86.6	91.2	21.9	0	0	0	0
72.5	88.8	88.7	19.9	0	0	0	0
74	87.5	93.2	42.6	0	0	0	0
78.1	91.9	99.2	16.8	0	0	2	0
71	84.6	91.2	15.2	0	0	0	0
71.2	86.8	91.2	36.7	0	0	0	0
71.1	84.4	91.2	27	0	0	0	0
72.2	84.8	93.2	32	0	0	0	0
68.4	80.1	0	49.2	0	0	0	0
78.7	96	100	22.7	0	0	1	0
76.5	94.5	97.2	28.1	0	0	2	0
78.6	92.6	100	29.3	0	0	1	0
86.5	106.7	110.3	49.6	0	0	6	0
76.7	102.1	101.4	48	0	0	9	0
70.2	88.1	88.7	13.7	0	0	0	0
73.4	92.2	97.2	48	0	0	2	0
74.5	92.8	93.2	34.4	0	0	2	0
75.3	88.3	94.7	31.2	0	0	0	0
80.6	97.8	105.2	27.7	0	0	2	0
74	89.2	98.3	36.7	0	0	0	0
72.4	93.1	94.7	21.1	0	0	3	0
75.9	89.1	98.3	28.9	0	0	0	0
75.3	92.9	93.2	15.6	0	0	2	0
72.7	92.3	94.7	26.6	0	0	2	0
78.3	92.3	99.2	32.4	0	0	1	0
75.6	88.9	94.7	30.1	0	0	0	0
70.8	95.3	97.2	32.4	0	0	1	0
68.6	81.4	0	14.1	0	0	0	0
77.3	90.9	98.3	28.1	0	0	1	0
68.6	94.3	93.2	52.7	0	0	4	0
72.8	86.2	96	32	0	0	0	0
73.3	87.2	93.2	60.5	0	0	0	0
71.2	85.1	88.7	10.9	0	0	0	0


LT-02, Off Site, 1 mile North of Project Site
Sound Level, dB
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Site Location	Meas Numbe	r	Date	Ti Time	me of Lmax	Duration	Leq	SEL	Lmax
	0	0	18-Mar 19	17:33:31	17:33:33	7.3	73.2	81.8	80.7
	0	0	18-Mar 19	19:20:17	19:20:34	30.4	64.4	79.3	65.7
	0	0	18-Mar 19	19:21:23	19:21:23	10.8	64.2	74.5	65.1
	0	0	18-Mar 19	19:22:09	19:22:16	18.4	64.7	77.3	65.8
	0	0	18-Mar 19	19:27:54	19:29:18	137.5	65.3	86.7	67.8
	0	0	18-Mar 19	19:30:30	19:30:44	25.7	65	79.1	67.3
	0	0	18-Mar 19	19:32:35	19:32:35	19.4	64.1	76.9	65
	0	0	18-Mar 19	19:33:07	19:33:07	30.9	64.2	79.1	65.3
	0	0	18-Mar 19	19:33:56	19:33:59	15.1	65.3	77.1	66.7
	0	0	18-Mar 19	19:34:27	19:34:42	25.8	64.3	78.4	65.9
	0	0	18-Mar 19	19:35:03	19:35:07	19.6	64.9	77.8	65.9
	0	0	18-Mar 19	19:37:17	19:38:22	106.8	65.1	85.4	67.5
	0	0	18-Mar 19	19:39:11	19:39:11	14.7	63.9	75.6	65
	0	0	18-Mar 19	19:39:42	19:39:55	86.9	64.6	84	66.3
	0	0	18-Mar 19	19:42:10	19:42:12	39.7	64.5	80.5	66
	0	0	18-Mar 19	19:43:20	19:43:31	25.7	64.3	78.4	65.9
	0	0	18-Mar 19	19:44:10	19:44:21	46.8	64.2	81	65.4
	0	0	18-Mar 19	19:45:32	19:45:33	22.4	64.4	78	65.3
	0	0	18-Mar 19	19:46:00	19:46:34	116.3	64.7	85.4	66.9
	0	0	18-Mar 19	19:48:25	19:48:52	38.9	64.6	80.5	66.1
	0	0	18-Mar 19	19:50:14	19:50:14	12.4	64	74.9	65.1
	0	0	18-Mar 19	19:51:44	19:52:05	36.7	64.3	79.9	65.4
	0	0	18-Mar 19	19:56:17	19:56:46	39.4	64.6	80.6	66.1
	0	0	18-Mar 19	19:59:16	20:00:27	73.9	64.5	83.2	66.2
	0	0	18-Mar 19	20:00:30	20:00:30	23.9	64.4	78.2	66
	0	0	18-Mar 19	20:03:33	20:03:43	24	64.6	78.4	66
	0	0	18-Mar 19	20:04:19	20:04:46	79.8	64.9	83.9	66.3
	0	0	18-Mar 19	20:05:44	20:05:44	8	64.2	73.2	65.3
	0	0	18-Mar 19	20:10:34	20:10:51	25.4	64.5	78.5	65.6
	0	0	18-Mar 19	20:11:47	20:12:02	44.1	65.1	81.5	66.5
	0	0	18-Mar 19	20:14:49	20:15:12	153.7	65.6	87.5	67.7
	0	0	18-Mar 19	20:20:40	20:20:40	10.8	64.1	74.4	65.1
	0	0	18-Mar 19	20:23:29	20:23:52	64	65.1	83.2	66.9
	0	0	18-Mar 19	20:28:07	20:28:19	108.8	65.8	86.2	67.9
	0	0	18-Mar 19	20:30:00	20:30:03	11.4	64	74.6	65.3
	0	0	18-Mar 19	20:31:25	20:31:25	8.3	63.9	73.1	65.3
	0	0	18-Mar 19	20:31:37	20:31:42	26.8	65.1	79.4	66.3
	0	0	18-Mar 19	20:35:10	20:36:04	157.8	65.6	87.6	67.7
	0	0	18-Mar 19	20:37:51	20:38:14	77.8	64.8	83.7	66.3
	0	0	18-Mar 19	20:39:23	20:39:26	10.8	64.5	74.9	65.8
	0	0	18-Mar 19	20:39:39	20:40:02	31.2	64.3	79.3	65.5
	0	0	18-Mar 19	20:43:51	20:44:39	65.7	65.5	83.6	67.5
	0	0	18-Mar 19	20:50:10	20:50:15	76.2	64.5	83.3	65.9
	0	0	18-Mar 19	20:52:14	20:52:14	5.2	64.1	71.3	65

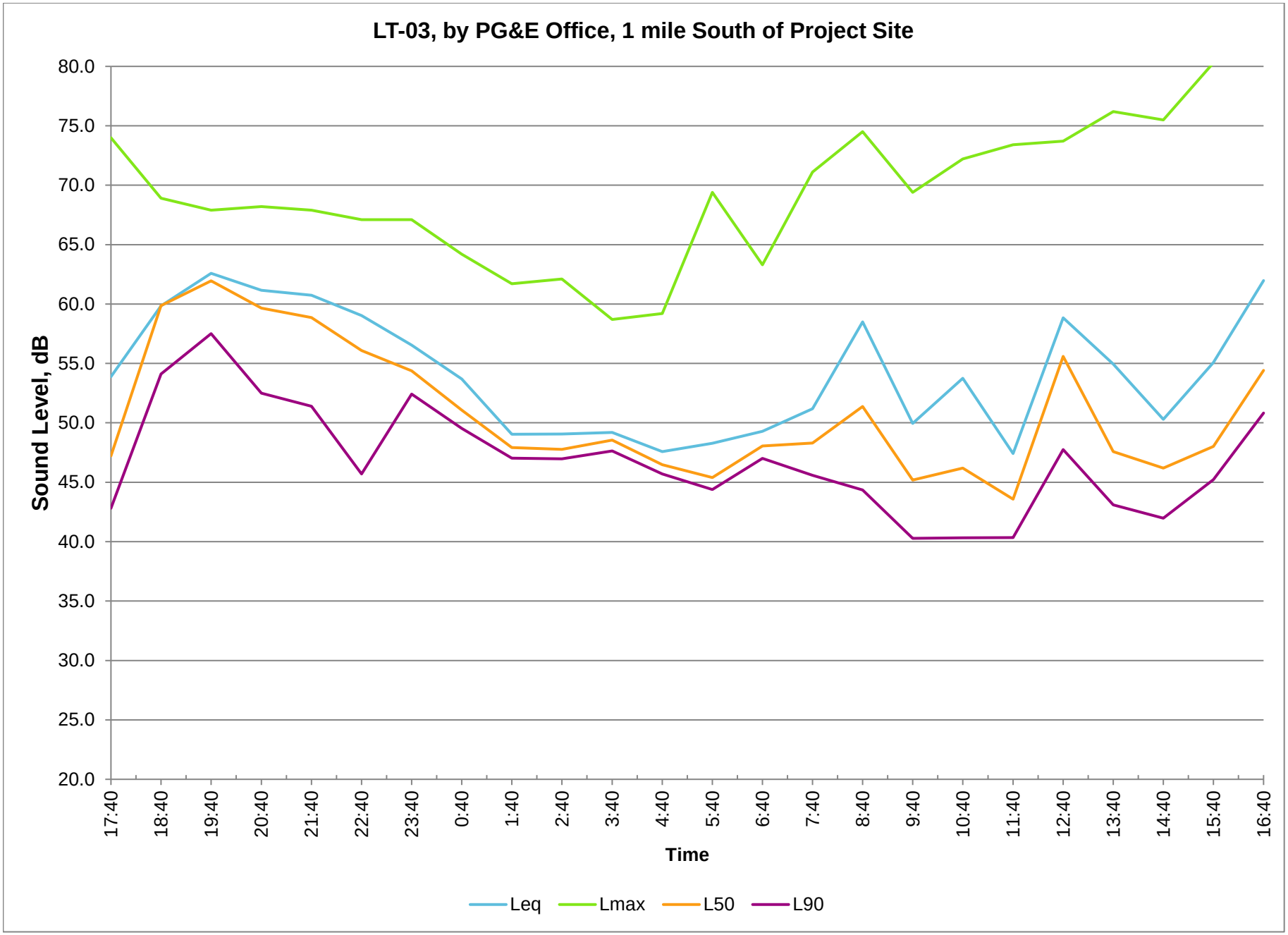
0	0	18-Mar	19	20:53:15	20:53:18	44.6	64.4	80.9	65.7
0	0	18-Mar	19	20:55:46	20:55:46	10.5	64.2	74.4	65.1
0	0	18-Mar	19	20:59:40	21:00:08	49.4	65.8	82.7	67.6
0	0	18-Mar	19	21:00:30	21:00:54	56.2	65	82.5	66.5
0	0	18-Mar	19	21:05:59	21:06:30	57.3	64.8	82.4	66.5
0	0	18-Mar	19	21:12:05	21:12:15	14.4	64.3	75.9	65.3
0	0	18-Mar	19	21:12:39	21:12:39	10.1	64.2	74.3	65.2
0	0	18-Mar	19	21:12:50	21:13:51	111.4	64.7	85.2	66.5
0	0	18-Mar	19	21:14:54	21:15:09	46.9	65	81.7	66.3
0	0	18-Mar	19	21:16:08	21:16:12	22.3	64.4	77.9	66.2
0	0	18-Mar	19	21:21:09	21:21:16	40.1	64.5	80.6	66.1
0	0	18-Mar	19	21:27:07	21:27:07	5.3	64.1	71.3	65.1
0	0	18-Mar	19	21:33:22	21:34:57	143.1	66.1	87.7	68.2
0	0	18-Mar	19	21:36:09	21:36:17	11.1	64.7	75.1	65.8
0	0	18-Mar	19	21:39:26	21:39:33	19.6	64.5	77.5	66.2
0	0	18-Mar	19	21:39:53	21:39:54	7.3	64.6	73.3	65.7
0	0	18-Mar	19	21:42:48	21:43:02	61.6	65.1	83	66.7
0	0	18-Mar	19	21:46:10	21:46:34	79.6	65.6	84.6	67.9
0	0	18-Mar	19	21:50:12	21:50:24	58.9	64.8	82.5	66.5
0	0	18-Mar	19	21:51:37	21:51:51	112.3	65.1	85.6	67.4
0	0	18-Mar	19	21:56:50	21:58:47	136.3	65.3	86.7	67.8
0	0	18-Mar	19	22:02:25	22:03:52	150.8	65	86.8	67
0	0	18-Mar	19	22:04:59	22:05:01	17.1	64.2	76.5	65.4
0	0	18-Mar	19	22:05:39	22:05:56	29	65	79.6	66.5
0	0	18-Mar	19	22:11:11	22:11:16	15.3	65.1	77	66.4
0	0	18-Mar	19	22:11:37	22:11:46	42.6	64.6	81	66.4
0	0	18-Mar	19	22:17:55	22:18:25	60.4	65.2	83	67.5
0	0	18-Mar	19	22:18:59	22:18:59	5.7	64	71.6	65
0	0	18-Mar	19	22:27:44	22:27:44	5.5	63.9	71.2	65
0	0	18-Mar	19	22:44:05	22:44:22	22.3	64.3	77.8	65.6
0	0	18-Mar	19	22:44:49	22:44:52	10	64.5	74.5	65.5
0	0	18-Mar	19	22:49:04	22:49:10	20.6	64.2	77.3	65.2
0	0	18-Mar	19	22:53:56	22:54:21	31	64.3	79.2	65.7
0	0	18-Mar	19	22:54:42	22:54:45	9	64.8	74.3	66
0	0	18-Mar	19	22:58:40	22:59:43	86.6	65.1	84.5	66.9
0	0	18-Mar	19	23:00:14	23:00:18	8.5	64.3	73.6	65.6
0	0	18-Mar	19	23:04:53	23:04:59	9.2	64.2	73.9	65.5
0	0	18-Mar	19	23:05:50	23:06:26	51.7	64.8	82	67.1
0	0	18-Mar	19	23:22:45	23:22:45	10.3	64	74.1	65.1
0	0	18-Mar	19	23:42:57	23:43:03	16	65.4	77.4	67.1
0	0	19-Mar	19	6:27:26	6:27:28	14.6	66.2	77.9	69.4
0	0	19-Mar	19	12:07:13	12:07:13	8.9	69.3	78.8	73.4
0	0	19-Mar	19	13:00:08	13:00:13	12.2	70.1	80.9	73.7
0	0	19-Mar	19	13:19:01	13:19:02	5.1	67.8	74.9	71.5
0	0	19-Mar	19	13:25:54	13:25:59	7.6	66.9	75.6	69.3
0	0	19-Mar	19	13:26:10	13:26:10	5.1	65.7	72.8	68.4
0	0	19-Mar	19	13:35:07	13:35:11	9.5	66.5	76.2	70.5
0	0	19-Mar	19	13:35:59	13:36:02	6.5	65.9	74	69
0	0	19-Mar	19	13:36:08	13:36:10	6.6	66.1	74.3	69.4

0	0	19-Mar	19	13:36:31	13:36:32	8.9	68.2	77.7	72
0	0	19-Mar	19	13:36:47	13:36:48	6.9	65.6	74	68.5
0	0	19-Mar	19	13:37:10	13:37:10	11.4	66	76.6	68.6
0	0	19-Mar	19	13:37:24	13:37:28	8.4	65.1	74.4	67.1
0	0	19-Mar	19	13:37:35	13:37:39	8.9	66.7	76.2	69.8
0	0	19-Mar	19	13:38:01	13:38:01	5.2	66.6	73.8	69.8
0	0	19-Mar	19	15:21:31	15:21:34	8.6	71.6	81	75.5
0	0	19-Mar	19	16:04:52	16:05:02	25.3	74.9	89	80.3
0	0	19-Mar	19	16:55:08	16:55:11	8.9	71.3	80.8	75.9
0	0	19-Mar	19	16:55:19	16:55:19	6.1	70	77.9	73.3
0	0	19-Mar	19	16:55:43	16:56:05	38.1	80.2	96.1	88.9
0	0	19-Mar	19	17:04:58	17:05:00	8.2	68.7	77.8	71
0	0	19-Mar	19	17:30:58	17:31:06	13.3	68.6	79.8	72.7
0	0	19-Mar	19	17:33:11	17:33:11	6.6	67.2	75.4	70.6
0	0	19-Mar	19	17:33:25	17:33:25	5.7	65.9	73.4	68.9

Peak	Uwpk	Sym	Peak Exc Decay	d Over Type	Count	loads
118.1	115.3	37.1	82	0	2	0
82.7	0	57.4	12.5	0	0	0
81.9	0	0	15.6	0	0	0
81.7	0	43.4	17.2	0	0	0
85.1	0	61.3	21.1	0	0	0
85.4	0	55.9	14.8	0	0	0
82.3	0	0	10.9	0	0	0
82.1	0	2.3	3.1	0	0	0
85	0	24.2	10.2	0	0	0
82.8	0	61.7	5.5	0	0	0
82.4	0	21.5	7	0	0	0
83.5	0	60.9	13.3	0	0	0
82	0	0	10.2	0	0	0
85.5	0	15.6	9.4	0	0	0
83.5	0	7.4	5.5	0	0	0
82.9	0	46.1	6.2	0	0	0
81.9	0	23.8	4.7	0	0	0
83.4	0	5.1	8.6	0	0	0
84.2	0	29.3	10.9	0	0	0
82.5	0	69.9	7.8	0	0	0
83.1	0	0.4	7	0	0	0
84.7	0	57.4	11.7	0	0	0
84.1	0	74.2	8.6	0	0	0
85	0	96.5	7.8	0	0	0
84.7	0	0.4	4.7	0	0	0
84.3	0	44.5	11.7	0	0	0
83.6	0	34.8	10.9	0	0	0
83	0	0	9.4	0	0	0
83.3	0	69.9	8.6	0	0	0
84	0	35.5	13.3	0	0	0
85.4	0	15.2	15.6	0	0	0
81.1	0	0	7	0	0	0
84.9	0	36.3	9.4	0	0	0
86.2	0	11.3	9.4	0	0	0
81.9	0	30.9	9.4	0	0	0
83.5	0	0	7.8	0	0	0
85.5	0	21.9	12.5	0	0	0
84.8	0	34.4	16.4	0	0	0
85.9	0	29.7	10.9	0	0	0
84.5	0	33.2	14.1	0	0	0
83.9	0	74.6	6.2	0	0	0
85	0	73.8	17.2	0	0	0
84.8	0	7	9.4	0	0	0
84.5	0	0.4	17.2	0	0	0

84.9	0	7.4	4.7	0	0	0
83.3	0	2	10.2	0	0	0
86.4	0	57.4	8.6	0	0	0
85.1	0	43.8	9.4	0	0	0
85.2	0	54.7	7.8	0	0	0
83.1	0	71.5	4.7	0	0	0
84	0	0	7	0	0	0
86.2	0	55.1	9.4	0	0	0
84.6	0	33.2	7.8	0	0	0
83.9	0	21.9	22.7	0	0	0
84	0	18.4	9.4	0	0	0
81.9	0	1.6	3.9	0	0	0
89.6	0	66.4	18.8	0	0	0
84	0	78.1	18.8	0	0	0
83.7	0	35.9	14.8	0	0	0
82.5	0	21.1	8.6	0	0	0
84.3	0	23	23.4	0	0	0
86.8	0	31.2	10.9	0	0	0
84.5	0	21.5	14.8	0	0	0
85.3	0	12.9	13.3	0	0	0
86.3	0	85.9	19.5	0	0	0
84.8	0	58.2	21.9	0	0	0
83.6	0	14.5	10.9	0	0	0
84.7	0	60.5	14.1	0	0	0
84.8	0	34.4	10.2	0	0	0
84.2	0	21.5	18	0	0	0
84.7	0	51.2	12.5	0	0	0
81.1	0	0.4	18	0	0	0
80.8	0	0.4	9.4	0	0	0
84.5	0	77.3	7	0	0	0
84.9	0	37.5	14.8	0	0	0
83.8	0	29.7	10.9	0	0	0
83.2	0	82	12.5	0	0	0
83.3	0	43.8	20.3	0	0	0
85.3	0	73.8	14.1	0	0	0
82	0	51.6	6.2	0	0	0
83	0	70.3	7.8	0	0	0
85.7	0	71.1	14.8	0	0	0
82.4	0	0	9.4	0	0	0
85.4	0	39.1	7.8	0	0	0
83	92.6	14.1	0	0	0	0
93.9	96.1	9	35.2	0	4	0
91.8	97.4	48	0	0	1	0
86.8	90.1	21.1	28.9	0	0	0
84.7	92.6	72.7	32.8	0	0	0
83.8	0	14.1	26.6	0	0	0
85.1	90.1	45.3	29.7	0	0	0
84	0	55.5	16.4	0	0	0
83.2	90.1	32	4.7	0	0	0

86.6	90.1	20.3	9.4	0	0	0
82	90.1	26.6	10.9	0	0	0
85.7	90.1	3.5	21.9	0	0	0
85	0	51.6	14.8	0	0	0
87.6	0	49.6	18	0	0	0
84.8	0	12.9	21.1	0	0	0
90.1	99.7	36.3	0	0	1	0
93.7	98.6	40.2	0	0	11	0
91.2	94.5	43.4	34.4	0	2	0
91.3	92.6	12.5	61.7	0	2	0
109.1	111.7	59.4	8.6	0	8	0
84.1	94.5	28.9	0	0	0	0
90.6	90.1	64.8	46.9	0	2	0
85	0	9.8	38.3	0	0	0
83.1	0	2.7	25.8	0	0	0


LT-03, by PG&E Office, 1 mile South of Project Site
Sound Level, dB
80.0
75.0
70.0
65.0
60.0
55.0
50.0
45.0
40.0
35.0
30.0
25.0
20.0
17:40
18:40
19:40
20:40
21:40
22:40
23:40
0:40
1:40
2:40
3:40
4:40
5:40
6:40
7:40
8:40
9:40
10:40
11:40
12:40
13:40
14:40
15:40
16:40
Time
Leq
Lmax
L50
L90

C:\LARDAV\SLMUTIL\ 1909_6~1.bin Interv al Data

Site Location	Meas Numbe r	Date	Time	Duration	Leq	SEL	Lmax	Lmin
0	0	18-Mar 19	18:16:51	188.7	55.6	78.4	71.8	46.3
0	0	18-Mar 19	18:20:00	300	45.7	70.5	65.1	29.4
0	0	18-Mar 19	18:25:00	300	40.1	64.9	53.7	29.9
0	0	18-Mar 19	18:30:00	300	36.5	61.3	46.7	30.3
0	0	18-Mar 19	18:35:00	300	35.2	60	44.3	29.2
0	0	18-Mar 19	18:40:00	300	39.6	64.4	51.2	31
0	0	18-Mar 19	18:45:00	300	38.4	63.2	47.1	30.2
0	0	18-Mar 19	18:50:00	300	38	62.8	52.1	31
0	0	18-Mar 19	18:55:00	300	36.8	61.5	43.7	29.9
0	0	18-Mar 19	19:00:00	300	35.6	60.4	45.3	30.8
0	0	18-Mar 19	19:05:00	300	37.7	62.5	43.3	33.1
0	0	18-Mar 19	19:10:00	300	36.5	61.3	41.1	32.4
0	0	18-Mar 19	19:15:00	300	36.9	61.7	42.5	32.7
0	0	18-Mar 19	19:20:00	300	37.2	62	42.7	32.7
0	0	18-Mar 19	19:25:00	300	37.4	62.2	45.2	33.5
0	0	18-Mar 19	19:30:00	300	38.9	63.7	43.5	34.4
0	0	18-Mar 19	19:35:00	300	43.8	68.6	52.1	34.8
0	0	18-Mar 19	19:40:00	300	39.8	64.6	42.4	37
0	0	18-Mar 19	19:45:00	300	40.3	65.1	43	38.6
0	0	18-Mar 19	19:50:00	300	41.3	66.1	46.5	38
0	0	18-Mar 19	19:55:00	300	43.4	68.2	48	38.7
0	0	18-Mar 19	20:00:00	300	42	66.8	44.9	40.7
0	0	18-Mar 19	20:05:00	300	43.5	68.3	46.2	41.4
0	0	18-Mar 19	20:10:00	300	42.7	67.4	45.5	38.6
0	0	18-Mar 19	20:15:00	300	42.6	67.4	45.5	39
0	0	18-Mar 19	20:20:00	300	43.7	68.5	48	39.6
0	0	18-Mar 19	20:25:00	300	42.3	67.1	47.9	38.4
0	0	18-Mar 19	20:30:00	300	41.2	66	44.4	37.8
0	0	18-Mar 19	20:35:00	300	42	66.8	44.9	38.9
0	0	18-Mar 19	20:40:00	300	43.5	68.3	47.9	40.2
0	0	18-Mar 19	20:45:00	300	45.6	70.4	48.3	42.4
0	0	18-Mar 19	20:50:00	300	46.1	70.8	49.5	43
0	0	18-Mar 19	20:55:00	300	45.1	69.9	48	42.5
0	0	18-Mar 19	21:00:00	300	45.7	70.4	50	42.5
0	0	18-Mar 19	21:05:00	300	44.1	68.8	46.8	39.8
0	0	18-Mar 19	21:10:00	300	45.6	70.4	48	41.9
0	0	18-Mar 19	21:15:00	300	45.2	70	47.9	41.8
0	0	18-Mar 19	21:20:00	300	44.2	69	47.6	41.5
0	0	18-Mar 19	21:25:00	300	44.5	69.3	47.1	42.9
0	0	18-Mar 19	21:30:00	300	45.4	70.1	50.1	42.4
0	0	18-Mar 19	21:35:00	300	44.9	69.7	49	42.4
0	0	18-Mar 19	21:40:00	300	45.5	70.3	48.6	42.6
0	0	18-Mar 19	21:45:00	300	43.4	68.1	47	40.5
0	0	18-Mar 19	21:50:00	300	42.9	67.7	45.6	39.5

0	0	18-Mar	19	21:55:00	300	43.3	68.1	48.7	38.7
0	0	18-Mar	19	22:00:00	300	41.9	66.7	45.1	38.7
0	0	18-Mar	19	22:05:00	300	42	66.8	49.6	37.4
0	0	18-Mar	19	22:10:00	300	41.4	66.2	46.1	37.2
0	0	18-Mar	19	22:15:00	300	43.2	68	47.3	39.1
0	0	18-Mar	19	22:20:00	300	40.2	65	45.2	35.1
0	0	18-Mar	19	22:25:00	300	40.5	65.2	43.9	35.9
0	0	18-Mar	19	22:30:00	300	42.7	67.4	48.6	39.4
0	0	18-Mar	19	22:35:00	300	38.8	63.6	42.2	33.9
0	0	18-Mar	19	22:40:00	300	42.7	67.4	49	34.4
0	0	18-Mar	19	22:45:00	300	39.2	64	45.7	35.3
0	0	18-Mar	19	22:50:00	300	40.2	65	46.5	32.5
0	0	18-Mar	19	22:55:00	300	37.8	62.6	43.3	33
0	0	18-Mar	19	23:00:00	300	39	63.8	43.9	35.9
0	0	18-Mar	19	23:05:00	300	40.9	65.7	47.4	34.8
0	0	18-Mar	19	23:10:00	300	38.7	63.5	42.2	35.3
0	0	18-Mar	19	23:15:00	300	40.5	65.3	45.5	35.5
0	0	18-Mar	19	23:20:00	300	39	63.8	42.4	35.6
0	0	18-Mar	19	23:25:00	300	39.9	64.7	48.1	34.7
0	0	18-Mar	19	23:30:00	300	38.4	63.2	43.9	34.6
0	0	18-Mar	19	23:35:00	300	38.9	63.7	45	35
0	0	18-Mar	19	23:40:00	300	37.4	62.2	42.8	35.3
0	0	18-Mar	19	23:45:00	300	38.1	62.9	41.5	35.8
0	0	18-Mar	19	23:50:00	300	40.6	65.4	49.6	35
0	0	18-Mar	19	23:55:00	300	39.9	64.7	42.5	37.5
0	0	19-Mar	19	0:00:00	300	42.5	67.3	45.4	39.1
0	0	19-Mar	19	0:05:00	300	43	67.8	45.8	41
0	0	19-Mar	19	0:10:00	300	43.5	68.3	46	41.8
0	0	19-Mar	19	0:15:00	300	44.2	69	50.9	40.9
0	0	19-Mar	19	0:20:00	300	42.6	67.4	45.9	40.5
0	0	19-Mar	19	0:25:00	300	41.9	66.7	47.4	38.8
0	0	19-Mar	19	0:30:00	300	41.4	66.2	43.6	39.1
0	0	19-Mar	19	0:35:00	300	41.3	66.1	43.4	39.5
0	0	19-Mar	19	0:40:00	300	41.6	66.4	44.3	39.1
0	0	19-Mar	19	0:45:00	300	42.9	67.7	46.3	41
0	0	19-Mar	19	0:50:00	300	43	67.8	45.4	41.5
0	0	19-Mar	19	0:55:00	300	42.3	67.1	46.4	39.6
0	0	19-Mar	19	1:00:00	300	41.4	66.2	44.1	38.6
0	0	19-Mar	19	1:05:00	300	39.1	63.9	44.9	37.5
0	0	19-Mar	19	1:10:00	300	39.1	63.9	44.1	36.9
0	0	19-Mar	19	1:15:00	300	38.6	63.4	41	37
0	0	19-Mar	19	1:20:00	300	38.2	63	40.1	36.5
0	0	19-Mar	19	1:25:00	300	38.1	62.9	40.6	36.3
0	0	19-Mar	19	1:30:00	300	38.2	63	40.5	36.4
0	0	19-Mar	19	1:35:00	300	38	62.8	43.3	36.8
0	0	19-Mar	19	1:40:00	300	37.2	62	39.1	35.4
0	0	19-Mar	19	1:45:00	300	37.1	61.9	38.5	35.8
0	0	19-Mar	19	1:50:00	300	37.6	62.4	40.5	35.9
0	0	19-Mar	19	1:55:00	300	40	64.7	42.8	37.3

0	0	19-Mar	19	2:00:00	300	39.9	64.7	42	37.9
0	0	19-Mar	19	2:05:00	300	39	63.8	45.4	37.6
0	0	19-Mar	19	2:10:00	300	37.7	62.5	44.9	36.3
0	0	19-Mar	19	2:15:00	300	38.4	63.2	40.5	37
0	0	19-Mar	19	2:20:00	300	36.9	61.6	39.3	34.9
0	0	19-Mar	19	2:25:00	300	35.2	60	38.4	33.8
0	0	19-Mar	19	2:30:00	300	35.4	60.1	38.9	34
0	0	19-Mar	19	2:35:00	300	35	59.7	38.1	34
0	0	19-Mar	19	2:40:00	300	35.7	60.5	39.9	33.5
0	0	19-Mar	19	2:45:00	300	36.1	60.9	43.4	33.7
0	0	19-Mar	19	2:50:00	300	36.9	61.7	38.7	35.5
0	0	19-Mar	19	2:55:00	300	37.2	62	43.7	35.9
0	0	19-Mar	19	3:00:00	300	36.6	61.4	43.4	35.3
0	0	19-Mar	19	3:05:00	300	37.3	62.1	42.7	35.9
0	0	19-Mar	19	3:10:00	300	37.7	62.5	42.9	36.2
0	0	19-Mar	19	3:15:00	300	38.2	63	40.7	36.4
0	0	19-Mar	19	3:20:00	300	38.1	62.9	40.1	36.2
0	0	19-Mar	19	3:25:00	300	38.1	62.8	41.4	36.6
0	0	19-Mar	19	3:30:00	300	38.5	63.3	41.6	36.6
0	0	19-Mar	19	3:35:00	300	38.1	62.9	41	36.6
0	0	19-Mar	19	3:40:00	300	37.9	62.7	43.1	36.2
0	0	19-Mar	19	3:45:00	300	38.4	63.2	42.2	36.7
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0	0	19-Mar	19	4:10:00	300	37.5	62.3	39.7	36
0	0	19-Mar	19	4:15:00	300	37.6	62.4	39.9	36.1
0	0	19-Mar	19	4:20:00	300	39.3	64.1	41.2	37.6
0	0	19-Mar	19	4:25:00	300	39.5	64.3	44.6	38.1
0	0	19-Mar	19	4:30:00	300	39.9	64.7	42.2	38.6
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0	0	19-Mar	19	4:45:00	300	38.8	63.6	41.6	37.7
0	0	19-Mar	19	4:50:00	300	38.8	63.6	44.5	37.6
0	0	19-Mar	19	4:55:00	300	39	63.8	41.7	37.5
0	0	19-Mar	19	5:00:00	300	38.8	63.6	42.6	37.6
0	0	19-Mar	19	5:05:00	300	38.9	63.7	43.1	37.2
0	0	19-Mar	19	5:10:00	300	38.4	63.2	43.5	36.6
0	0	19-Mar	19	5:15:00	300	38.5	63.3	42.1	36.7
0	0	19-Mar	19	5:20:00	300	43.3	68.1	51.4	36.7
0	0	19-Mar	19	5:25:00	300	39.9	64.7	47.6	36.7
0	0	19-Mar	19	5:30:00	300	40.8	65.6	49	36
0	0	19-Mar	19	5:35:00	300	37.3	62	41.5	36.1
0	0	19-Mar	19	5:40:00	300	37.8	62.6	41.2	35.8
0	0	19-Mar	19	5:45:00	300	36	60.8	37.8	34.7
0	0	19-Mar	19	5:50:00	300	40.8	65.6	50.5	35.3
0	0	19-Mar	19	5:55:00	300	35.3	60	37.5	34
0	0	19-Mar	19	6:00:00	300	38.8	63.6	47.7	34.6

0	0	19-Mar	19	6:05:00	300	42.2	67	54.1	34.3
0	0	19-Mar	19	6:10:00	300	38.9	63.7	48.6	35.3
0	0	19-Mar	19	6:15:00	300	37.6	62.4	45.8	35.1
0	0	19-Mar	19	6:20:00	300	36.5	61.3	38	35.1
0	0	19-Mar	19	6:25:00	300	47.6	72.4	60.3	35.1
0	0	19-Mar	19	6:30:00	300	37.9	62.7	42.1	35.5
0	0	19-Mar	19	6:35:00	300	38.7	63.5	47.6	35.2
0	0	19-Mar	19	6:40:00	300	35.9	60.7	39.2	34.5
0	0	19-Mar	19	6:45:00	300	44.1	68.9	54.4	35.2
0	0	19-Mar	19	6:50:00	300	38.3	63.1	47.4	34.8
0	0	19-Mar	19	6:55:00	300	36.2	61	39.8	34.3
0	0	19-Mar	19	7:00:00	300	38.1	62.9	43.3	35.1
0	0	19-Mar	19	7:05:00	300	38.6	63.4	48.6	35.6
0	0	19-Mar	19	7:10:00	300	40.4	65.2	49.4	35.8
0	0	19-Mar	19	7:15:00	300	40.3	65.1	46.8	36.9
0	0	19-Mar	19	7:20:00	300	39.5	64.3	49.2	37.3
0	0	19-Mar	19	7:25:00	300	38.9	63.7	45.9	36.7
0	0	19-Mar	19	7:30:00	300	42.3	67.1	50.4	36.7
0	0	19-Mar	19	7:35:00	300	48.4	73.2	61.4	36.6
0	0	19-Mar	19	7:40:00	300	57.8	82.6	68.3	37.7
0	0	19-Mar	19	7:45:00	300	53.8	78.5	67.2	37.1
0	0	19-Mar	19	7:50:00	300	50.5	75.3	65.4	37.4
0	0	19-Mar	19	7:55:00	300	43.2	68	58.3	35.7
0	0	19-Mar	19	8:00:00	300	41.5	66.3	49.3	35.6
0	0	19-Mar	19	8:05:00	300	43.2	68	50.7	35.6
0	0	19-Mar	19	8:10:00	300	37.1	61.9	48.2	32.9
0	0	19-Mar	19	8:15:00	300	36.8	61.6	46	33.3
0	0	19-Mar	19	8:20:00	300	38.4	63.2	47.5	34.5
0	0	19-Mar	19	8:25:00	300	42.4	67.2	50.3	34.7
0	0	19-Mar	19	8:30:00	300	38	62.8	46.7	34.8
0	0	19-Mar	19	8:35:00	300	38	62.8	46.6	35
0	0	19-Mar	19	8:40:00	300	39.2	64	52.6	34.6
0	0	19-Mar	19	8:45:00	300	39.6	64.4	47.6	35.3
0	0	19-Mar	19	8:50:00	300	38.5	63.3	52.6	35.4
0	0	19-Mar	19	8:55:00	300	41.1	65.9	60.7	35.5
0	0	19-Mar	19	9:00:00	300	39	63.8	49.6	35.4
0	0	19-Mar	19	9:05:00	300	42.2	67	56.2	35.5
0	0	19-Mar	19	9:10:00	300	39.9	64.7	49.3	35.3
0	0	19-Mar	19	9:15:00	300	41	65.8	55.5	34.9
0	0	19-Mar	19	9:20:00	300	37.3	62.1	42.9	35.5
0	0	19-Mar	19	9:25:00	300	39.1	63.9	48	35
0	0	19-Mar	19	9:30:00	300	37	61.8	49.2	34.1
0	0	19-Mar	19	9:35:00	300	44.4	69.2	55.2	35.2
0	0	19-Mar	19	9:40:00	300	37.3	62.1	45.9	33
0	0	19-Mar	19	9:45:00	300	37.1	61.9	49.4	33.2
0	0	19-Mar	19	9:50:00	300	36.3	61.1	44.7	34.3
0	0	19-Mar	19	9:55:00	300	37.6	62.4	44.2	34.2
0	0	19-Mar	19	10:00:00	300	38	62.8	44.5	32.8
0	0	19-Mar	19	10:05:00	300	33.4	58.2	41.3	31.4

0	0	19-Mar	19	10:10:00	300	32.7	57.5	37.2	30.7
0	0	19-Mar	19	10:15:00	300	35.4	60.2	48.4	31.5
0	0	19-Mar	19	10:20:00	300	45.8	70.6	57.3	33.2
0	0	19-Mar	19	10:25:00	300	35.5	60.3	44.1	31.4
0	0	19-Mar	19	10:30:00	300	44.1	68.9	55.7	33.2
0	0	19-Mar	19	10:35:00	300	35.5	60.3	44	32.5
0	0	19-Mar	19	10:40:00	300	43.2	68	50	35.3
0	0	19-Mar	19	10:45:00	300	34.7	59.5	39.1	32.5
0	0	19-Mar	19	10:50:00	300	36.3	61.1	43.6	32.4
0	0	19-Mar	19	10:55:00	300	41.4	66.2	50.9	34.9
0	0	19-Mar	19	11:00:00	300	38.1	62.8	46.6	33.5
0	0	19-Mar	19	11:05:00	300	36.3	61.1	47	33.6
0	0	19-Mar	19	11:10:00	300	35.5	60.3	42.4	33.3
0	0	19-Mar	19	11:15:00	300	36.4	61.2	42.5	33
0	0	19-Mar	19	11:20:00	300	35.3	60.1	41.8	31
0	0	19-Mar	19	11:25:00	300	40.8	65.6	51.1	29.7
0	0	19-Mar	19	11:30:00	300	37	61.8	48.6	28.4
0	0	19-Mar	19	11:35:00	300	38.5	63.3	46.2	28.6
0	0	19-Mar	19	11:40:00	300	31.1	55.9	37.6	27.5
0	0	19-Mar	19	11:45:00	300	35.9	60.7	45.3	27.8
0	0	19-Mar	19	11:50:00	300	31.8	56.6	41.8	28.1
0	0	19-Mar	19	11:55:00	300	34.8	59.6	44.6	27.6
0	0	19-Mar	19	12:00:00	300	50.9	75.7	68.2	31
0	0	19-Mar	19	12:05:00	300	41	65.8	53	27.9
0	0	19-Mar	19	12:10:00	300	31.5	56.3	42.9	27.5
0	0	19-Mar	19	12:15:00	300	39.4	64.2	49.9	28
0	0	19-Mar	19	12:20:00	300	38.4	63.2	50	28.9
0	0	19-Mar	19	12:25:00	300	36.2	61	47.8	26.8
0	0	19-Mar	19	12:30:00	300	36.9	61.6	46	27.8
0	0	19-Mar	19	12:35:00	300	34.9	59.7	42.2	27.3
0	0	19-Mar	19	12:40:00	300	37.1	61.9	47.3	27.1
0	0	19-Mar	19	12:45:00	300	36.6	61.4	47.8	28.2
0	0	19-Mar	19	12:50:00	300	33.6	58.4	42.1	27.9
0	0	19-Mar	19	12:55:00	300	36.4	61.2	49.1	26.8
0	0	19-Mar	19	13:00:00	300	32.4	57.2	42.8	26.8
0	0	19-Mar	19	13:05:00	300	34.6	59.4	41.3	27.8
0	0	19-Mar	19	13:10:00	300	38.1	62.9	47.5	26.7
0	0	19-Mar	19	13:15:00	300	44.9	69.7	57	29.1
0	0	19-Mar	19	13:20:00	300	44.2	69	54	31.1
0	0	19-Mar	19	13:25:00	300	30.2	55	40.3	27
0	0	19-Mar	19	13:30:00	300	31.9	56.7	38.6	27.6
0	0	19-Mar	19	13:35:00	300	42.4	67.2	51	28.4
0	0	19-Mar	19	13:40:00	300	37.3	62.1	48	28.4
0	0	19-Mar	19	13:45:00	300	39.4	64.2	49.6	30.7
0	0	19-Mar	19	13:50:00	300	41.8	66.6	52.5	28.6
0	0	19-Mar	19	13:55:00	300	37.5	62.3	46.7	28.1
0	0	19-Mar	19	14:00:00	300	35.9	60.7	46.3	27.8
0	0	19-Mar	19	14:05:00	300	35.7	60.5	50.7	27.8
0	0	19-Mar	19	14:10:00	300	34.3	59.1	43.3	28.1

0	0	19-Mar	19	14:15:00	300	32	56.8	39.2	27.6
0	0	19-Mar	19	14:20:00	300	38.2	63	48.1	27.3
0	0	19-Mar	19	14:25:00	300	32.2	57	43.1	27.3
0	0	19-Mar	19	14:30:00	300	31.1	55.9	42.7	27.3
0	0	19-Mar	19	14:35:00	300	35	59.8	51.1	28.1
0	0	19-Mar	19	14:40:00	300	33.3	58.1	43.8	28
0	0	19-Mar	19	14:45:00	300	44	68.8	57.2	29.1
0	0	19-Mar	19	14:50:00	300	31.5	56.3	38.6	28.5
0	0	19-Mar	19	14:55:00	300	35.6	60.4	54.6	29.1
0	0	19-Mar	19	15:00:00	300	37	61.8	52.2	29.9
0	0	19-Mar	19	15:05:00	300	56.7	81.5	72.4	32.1
0	0	19-Mar	19	15:10:00	300	58.9	83.7	67.7	44.4
0	0	19-Mar	19	15:15:00	300	61.9	86.7	68.3	50.6
0	0	19-Mar	19	15:20:00	300	57.4	82.1	67.1	34.4
0	0	19-Mar	19	15:25:00	300	51.4	76.2	64.8	29.4
0	0	19-Mar	19	15:30:00	300	33.5	58.3	41.9	28.9
0	0	19-Mar	19	15:35:00	300	34.3	59.1	43.9	28.7
0	0	19-Mar	19	15:40:00	300	36.3	61.1	46.2	30.2
0	0	19-Mar	19	15:45:00	300	31.3	56.1	36.7	29.2
0	0	19-Mar	19	15:50:00	300	30.8	55.6	38.3	28.7
0	0	19-Mar	19	15:55:00	300	49	73.8	65.9	30.4
0	0	19-Mar	19	16:00:00	300	41.1	65.9	52.7	29.3
0	0	19-Mar	19	16:05:00	300	47.1	71.8	66.8	31.4
0	0	19-Mar	19	16:10:00	300	64.4	89.2	81.7	30.6
0	0	19-Mar	19	16:15:00	300	35	59.8	51.6	28.3
0	0	19-Mar	19	16:20:00	300	42.7	67.5	52.4	28.3
0	0	19-Mar	19	16:25:00	300	33.2	58	44.6	28.8
0	0	19-Mar	19	16:30:00	300	37.7	62.5	48.1	30.4
0	0	19-Mar	19	16:35:00	300	51.4	76.2	73.4	31.6
0	0	19-Mar	19	16:40:00	300	38.1	62.9	54.1	29.7
0	0	19-Mar	19	16:45:00	300	40.4	65.1	58.4	30.5
0	0	19-Mar	19	16:50:00	300	66.8	91.6	85.2	29.9
0	0	19-Mar	19	16:55:00	300	49.6	74.4	65.8	30.7
0	0	19-Mar	19	17:00:00	300	47.1	71.9	64.5	31.8
0	0	19-Mar	19	17:05:00	300	51.9	76.7	71	29.2
0	0	19-Mar	19	17:10:00	300	48.6	73.4	61.5	32
0	0	19-Mar	19	17:15:00	300	43.9	68.7	60.1	29.6
0	0	19-Mar	19	17:20:00	300	35.2	60	45.1	29.6
0	0	19-Mar	19	17:25:00	300	35.6	60.3	42.5	29.1
0	0	19-Mar	19	17:30:00	300	44.3	69.1	54.5	30.4
0	0	19-Mar	19	17:35:00	300	36.6	61.4	46.7	30.6
0	0	19-Mar	19	17:40:00	300	35	59.8	43	31.1
0	0	19-Mar	19	17:45:00	300	34.2	59	44.5	31.2
0	0	19-Mar	19	17:50:00	300	34.5	59.3	48.5	31.6
0	0	19-Mar	19	17:55:00	300	43	67.8	61.5	31.2
0	0	19-Mar	19	18:00:00	300	33.2	58	42.9	28.8
0	0	19-Mar	19	18:05:00	300	34.5	59.3	41.2	30.8
0	0	19-Mar	19	18:10:00	300	49.8	74.6	61.7	30.5
0	0	19-Mar	19	18:15:00	300	36.8	61.6	45.9	29.2

0	0	19-Mar	19	18:20:00	300	37.4	62.2	55.5	29.2
0	0	19-Mar	19	18:25:00	300	35.7	60.5	52.8	28.6
0	0	19-Mar	19	18:30:00	300	36.1	60.9	46.6	29
0	0	19-Mar	19	18:35:00	300	33.2	58	43.9	28.4
0	0	19-Mar	19	18:40:00	262	48	72.2	59	31.5

Peak	Uwpk	L(2)	L(8)	L(25)	Wind Av L(50)	Wind g L(90)	Wind Min L(95)	RMS Max * *	Peak	Uwpk Avg *	Min * *	Max *	Avg * *	Min *
102.7	103.5	65.6	59.7	51.6	48.9	47.2	47	0	0	0	0	0	0	0
90.7	101	55.8	48.8	46.7	34.4	30.7	30.2	0	0	0	0	0	0	0
66.4	0	50.3	47.5	33.4	31.9	30.6	30.3	0	0	0	0	0	0	0
60.5	0	43.5	39.8	37.1	34.5	31.2	30.7	0	0	0	0	0	0	0
71.5	0	41.9	39.8	35.4	32.4	30.1	29.6	0	0	0	0	0	0	0
64.9	0	47.5	44.9	39.4	34.5	32	31.5	0	0	0	0	0	0	0
62.3	0	44.9	42.5	38.9	36.5	32.6	32.1	0	0	0	0	0	0	0
67	0	48	40	36.6	34.6	31.9	31.5	0	0	0	0	0	0	0
59.4	0	42.2	39.9	37.5	35.7	32.8	32.1	0	0	0	0	0	0	0
60.2	0	42.3	39.5	35.9	32.9	31.4	31.2	0	0	0	0	0	0	0
62.2	0	41.9	40.6	38.9	36.9	34.2	33.7	0	0	0	0	0	0	0
62.9	0	40.3	38.8	37.4	36.2	33.5	33.2	0	0	0	0	0	0	0
56.8	0	40.7	39.5	38	36.4	33.7	33.3	0	0	0	0	0	0	0
57.1	0	40	39.5	38.6	37.2	34.1	33.6	0	0	0	0	0	0	0
58.7	0	40.8	39.4	38.3	37.2	34.6	34.2	0	0	0	0	0	0	0
57.6	0	42.8	41.6	39.6	38.5	36.2	35.6	0	0	0	0	0	0	0
63	0	51.2	48.7	45.1	39.6	36.5	36.2	0	0	0	0	0	0	0
64.9	0	41.8	41.3	40.6	39.8	38.2	37.8	0	0	0	0	0	0	0
57.1	0	42.5	41.8	41	40.2	39.1	39	0	0	0	0	0	0	0
61.4	0	45.4	43.7	41.7	40.9	39.3	39	0	0	0	0	0	0	0
62.7	0	46.7	45.4	44.1	43.2	41	40.4	0	0	0	0	0	0	0
59	0	43.9	43.1	42.5	41.8	41.1	40.9	0	0	0	0	0	0	0
58.8	0	45.5	44.7	43.9	43.3	42.2	42.1	0	0	0	0	0	0	0
61.2	0	44.9	44.3	43.5	42.6	40.2	39.6	0	0	0	0	0	0	0
76	0	44.9	44.1	43.4	42.5	40.7	40.2	0	0	0	0	0	0	0
62.5	0	47	46.5	44.6	42.9	40.9	40.4	0	0	0	0	0	0	0
62.8	0	46.9	45.2	42.6	41.5	39.9	39.4	0	0	0	0	0	0	0
60.8	0	43.9	43.4	42.3	40.9	39	38.5	0	0	0	0	0	0	0
59.6	0	44.3	43.7	42.8	41.8	40.1	39.8	0	0	0	0	0	0	0
63.4	0	47.1	45.8	44.4	43	41.2	40.8	0	0	0	0	0	0	0
61.2	0	47.9	47.4	46.5	45.5	43.5	43.2	0	0	0	0	0	0	0
64.4	0	48.5	47.7	46.8	45.9	44.3	43.8	0	0	0	0	0	0	0
63.3	0	47.6	46.8	45.7	44.7	43.6	43.2	0	0	0	0	0	0	0
63.5	0	49.2	47.8	46.2	45.4	43.6	43.2	0	0	0	0	0	0	0
59.7	0	46.7	45.9	45.3	43.9	41.2	40.6	0	0	0	0	0	0	0
61.5	0	47.8	47.2	46.5	45.7	43.4	42.9	0	0	0	0	0	0	0
61.8	0	47	46.7	46	45.3	43.3	42.7	0	0	0	0	0	0	0
62.5	0	46.9	45.9	45	43.9	42.6	42.2	0	0	0	0	0	0	0
61.1	0	46	45.6	44.9	44.4	43.3	43.1	0	0	0	0	0	0	0
63	0	47.7	46.7	45.8	45.2	43.7	43.3	0	0	0	0	0	0	0
61.9	0	47.8	46.8	45.6	44.5	43	42.6	0	0	0	0	0	0	0
63.4	0	48.1	47.4	46	45.1	43.6	43.3	0	0	0	0	0	0	0
68.6	0	46	45.5	43.9	42.8	41.5	41.1	0	0	0	0	0	0	0
59	0	45	44.4	43.7	43	41.1	40.5	0	0	0	0	0	0	0

64.6	0	46.4	45	43.9	43	40.8	40.2	0	0	0	0	0	0
61	0	43.9	43.4	42.6	41.8	40.3	39.9	0	0	0	0	0	0
61.9	0	47.9	44.3	42.4	41.2	38.7	38.3	0	0	0	0	0	0
59.8	0	45.2	43.9	42	41	38.9	38.4	0	0	0	0	0	0
63.3	0	45.9	45	43.9	43	41.2	40.6	0	0	0	0	0	0
60.2	0	43.7	42.6	41	39.7	37.3	36.5	0	0	0	0	0	0
59	0	43.4	42.5	41.4	40.1	38.3	38	0	0	0	0	0	0
60.1	0	47	45	43.3	41.9	40.5	40.1	0	0	0	0	0	0
57.6	0	41.8	41	40.2	38.5	35.6	34.7	0	0	0	0	0	0
61.5	0	46.7	45.5	43.9	42.4	37.1	35.4	0	0	0	0	0	0
59.6	0	42.8	41.4	39.7	38.7	37.1	36.5	0	0	0	0	0	0
59.8	0	45.6	44.5	41.6	38.4	33.9	33.4	0	0	0	0	0	0
56.8	0	41.9	39.9	38.4	37.5	35.3	34.4	0	0	0	0	0	0
58.6	0	42.3	40.6	39.6	38.8	37.3	37	0	0	0	0	0	0
61.8	0	45.4	44.4	41.9	39.9	35.6	35.3	0	0	0	0	0	0
56.6	0	41	40.6	39.6	38.5	36.5	35.9	0	0	0	0	0	0
58	0	45	43.8	41.5	39.9	36.6	36.2	0	0	0	0	0	0
54.7	0	41.8	41	40	38.7	37	36.4	0	0	0	0	0	0
61.9	0	46.9	43	39.7	38.6	36	35.4	0	0	0	0	0	0
56.3	0	42.1	40.4	38.9	38	36.3	35.7	0	0	0	0	0	0
56.4	0	44.2	42.2	38.9	37.7	36.2	35.9	0	0	0	0	0	0
54.3	0	41.8	39.5	37.6	36.8	36	35.5	0	0	0	0	0	0
58.3	87	41	40.3	38.6	37.6	36.3	36.1	0	0	0	0	0	0
61.6	0	47.7	44.5	40	38.7	36.5	36.1	0	0	0	0	0	0
55.1	0	42	41.4	40.5	39.7	38.4	38.1	0	0	0	0	0	0
63.1	87	44.9	44.3	43.3	42.4	40.9	40.3	0	0	0	0	0	0
59.1	89.5	44.7	44	43.5	43	42	41.6	0	0	0	0	0	0
61.2	89.5	45.4	44.8	44	43.4	42.3	42.1	0	0	0	0	0	0
64.4	91.5	48.6	46.4	44.5	43.6	42.4	42.2	0	0	0	0	0	0
58.6	89.5	44.9	44	43	42.5	41.4	41.2	0	0	0	0	0	0
59.4	87	46.5	44.5	42.1	41.2	40	39.6	0	0	0	0	0	0
57.4	89.5	43.2	42.7	41.9	41.4	40.2	40	0	0	0	0	0	0
57.7	87	42.9	42.6	41.8	41.4	40.2	40	0	0	0	0	0	0
58.1	91.5	43.6	42.9	42.2	41.6	40.3	40.1	0	0	0	0	0	0
59.9	93	45.4	44.6	43.5	42.7	41.5	41.3	0	0	0	0	0	0
58.3	94.3	44.8	44	43.6	43	42.1	41.9	0	0	0	0	0	0
59.1	91.5	45.1	43.9	42.9	42.2	40.5	40.2	0	0	0	0	0	0
58.3	89.5	43.7	42.9	42.3	41.3	39.8	39.4	0	0	0	0	0	0
55.6	85.4	42	40.2	39.5	38.9	38.1	37.8	0	0	0	0	0	0
57.2	0	42.3	40.5	39.6	38.8	38	37.6	0	0	0	0	0	0
54.2	0	40.4	39.8	39.1	38.6	37.6	37.3	0	0	0	0	0	0
52.9	87	39.8	39.1	38.7	38.2	37.2	37.1	0	0	0	0	0	0
53.8	87	39.9	39.4	38.7	38	37.1	36.9	0	0	0	0	0	0
54.1	0	39.9	39.3	38.7	38.2	37.2	37	0	0	0	0	0	0
54.6	0	40.5	38.9	38.5	37.9	37.2	37.1	0	0	0	0	0	0
52.1	0	38.8	38.3	37.7	37.3	36.2	36	0	0	0	0	0	0
54.8	87	38.5	38	37.6	37.1	36.2	36.1	0	0	0	0	0	0
54.9	0	39.7	38.9	38	37.5	36.4	36.2	0	0	0	0	0	0
56.4	87	41.9	41.4	40.6	39.9	38.4	38.1	0	0	0	0	0	0

55.1	87	41.6	40.9	40.4	39.8	39	38.7	0	0	0	0	0	0
55.2	87	40.7	39.9	39.4	38.8	38.1	38.1	0	0	0	0	0	0
54.7	0	39.5	38.7	38	37.6	36.8	36.4	0	0	0	0	0	0
54.9	89.5	40	39.6	38.9	38.4	37.4	37.2	0	0	0	0	0	0
51.9	87	38.6	37.9	37.5	36.9	35.6	35.3	0	0	0	0	0	0
51.6	0	36.9	36	35.7	35.2	34.3	34.1	0	0	0	0	0	0
52.1	0	37	36.4	35.8	35.4	34.4	34.2	0	0	0	0	0	0
51.9	0	36	35.8	35.4	34.9	34.2	34.1	0	0	0	0	0	0
53.4	0	38.6	37.6	36.4	35.3	34.2	34	0	0	0	0	0	0
55.4	0	39.2	37.7	36.7	35.9	34.5	34.2	0	0	0	0	0	0
50.5	87	38	37.8	37.4	36.8	36.1	36.1	0	0	0	0	0	0
53	87	41.1	38	37.5	36.9	36.2	36.1	0	0	0	0	0	0
57.2	91.5	38.1	37.6	36.9	36.6	36	35.7	0	0	0	0	0	0
52.4	89.5	40	38	37.7	37.3	36.3	36.1	0	0	0	0	0	0
55.3	89.5	39.1	38.8	38.1	37.6	37	36.5	0	0	0	0	0	0
52.3	89.5	39.9	39.4	38.7	38.1	37.1	36.8	0	0	0	0	0	0
60.2	89.5	39.7	39	38.6	38.1	37.1	36.9	0	0	0	0	0	0
59.2	87	39.8	39	38.5	37.9	37.1	37	0	0	0	0	0	0
55.4	89.5	40.7	39.7	38.8	38.3	37.2	37.1	0	0	0	0	0	0
53.9	87	39.7	38.9	38.5	37.9	37.2	37.1	0	0	0	0	0	0
55.5	87	40.9	39.1	38	37.5	36.5	36.2	0	0	0	0	0	0
57.2	89.5	40	39.4	38.8	38.4	37.3	37.1	0	0	0	0	0	0
55.5	89.5	40.7	39.9	39.4	38.8	38	37.6	0	0	0	0	0	0
53.3	89.5	39.8	38.9	38.2	37.7	37	36.6	0	0	0	0	0	0
56.9	89.5	39.9	38.9	37.9	37.5	36.5	36.2	0	0	0	0	0	0
58.9	87	39	38.6	37.8	37.4	36.3	36.2	0	0	0	0	0	0
51.5	87	38.9	38.6	37.9	37.5	36.5	36.2	0	0	0	0	0	0
55	87	39	38.7	38	37.5	36.5	36.2	0	0	0	0	0	0
53.4	87	40.8	40.2	39.8	39.3	38.3	38.1	0	0	0	0	0	0
56.4	89.5	41.1	40.6	39.9	39.4	38.3	38.2	0	0	0	0	0	0
54.9	89.5	41.1	40.8	40.2	39.7	39.1	39	0	0	0	0	0	0
54	89.5	40.6	39.9	39.6	39.2	38.3	38.1	0	0	0	0	0	0
56.3	87	42.8	41.9	40.5	39.4	38.2	38.1	0	0	0	0	0	0
53.8	87	40.6	39.7	38.9	38.6	38.1	38	0	0	0	0	0	0
55.8	91.5	41.1	39.8	39	38.6	38	37.8	0	0	0	0	0	0
53.4	87	40.5	39.9	39.5	38.9	38.1	38	0	0	0	0	0	0
55.3	87	40.7	39.8	39.1	38.7	38.1	37.9	0	0	0	0	0	0
54.5	89.5	41.7	40.4	39.3	38.6	37.5	37.2	0	0	0	0	0	0
57.2	87	40.7	39.7	38.8	38.2	37.2	37.1	0	0	0	0	0	0
70.2	87	40.5	39.8	38.9	38.4	37.2	37	0	0	0	0	0	0
62	87	48.6	46.8	44.6	41.9	38.1	37.5	0	0	0	0	0	0
59.8	0	44.8	43	40	38.7	37.1	37	0	0	0	0	0	0
61.3	89.5	47.5	45.5	40.5	38	36.4	36.2	0	0	0	0	0	0
52	87	38.9	37.9	37.6	37.1	36.2	36.1	0	0	0	0	0	0
52.4	0	40.4	39.5	38.2	37.4	36.3	36.1	0	0	0	0	0	0
50.6	0	37	36.9	36.5	36	35.2	35.1	0	0	0	0	0	0
61.9	0	48.7	45.7	39	37.1	36.1	36	0	0	0	0	0	0
49	0	36.8	36	35.7	35.3	34.3	34.1	0	0	0	0	0	0
59.4	0	44.9	43	38.9	36.4	35.1	34.8	0	0	0	0	0	0

65.4	0	51.4	47.3	40.5	37.2	35.2	34.7	0	0	0	0	0	0
60.6	0	47	42.6	37.4	36.6	35.5	35.3	0	0	0	0	0	0
56.1	0	43.1	40.1	37.3	36.6	35.6	35.3	0	0	0	0	0	0
49.9	0	37.8	37.3	36.8	36.5	36	35.5	0	0	0	0	0	0
71.4	0	58.7	51.7	44.1	38.8	36	35.5	0	0	0	0	0	0
55.6	0	41.6	40.6	38.6	36.8	36	35.6	0	0	0	0	0	0
60.5	0	44.6	42.5	38.6	36.8	35.4	35.2	0	0	0	0	0	0
50.3	0	38	36.9	36.3	35.7	35.1	35	0	0	0	0	0	0
62.1	0	53	49.8	41.9	38.7	36.6	36	0	0	0	0	0	0
60	0	43.9	41.3	38.1	36.9	35.5	35.2	0	0	0	0	0	0
53.6	0	38.3	37.6	36.7	35.9	35.1	35	0	0	0	0	0	0
58.4	0	41.9	40.8	38.8	37.3	35.5	35.2	0	0	0	0	0	0
64.9	0	44.3	41.3	38.8	37.4	36.2	36.1	0	0	0	0	0	0
61.7	0	48.6	43.2	39.3	38.1	37	36.5	0	0	0	0	0	0
60	0	45.2	43	40.8	39.3	37.5	37.3	0	0	0	0	0	0
62.1	0	42.8	41.4	39.8	38.9	38	37.6	0	0	0	0	0	0
60.4	0	42.3	40.4	39.2	38.5	37.4	37.2	0	0	0	0	0	0
72.3	0	48.4	47	42.4	39.7	38.1	37.7	0	0	0	0	0	0
77.5	0	57.4	54.2	46.8	41.3	37.8	37.3	0	0	0	0	0	0
84.1	0	66.4	63.4	58.3	52.1	44.4	43	0	0	0	0	0	0
83.8	0	65.2	59.1	47.4	44.3	39.6	38.7	0	0	0	0	0	0
88.4	100.7	57	53.9	53	45.1	40.7	39.9	0	0	0	0	0	0
81.1	0	51.4	45.7	42.8	40.7	37.3	36.7	0	0	0	0	0	0
63.3	0	46.9	45.2	42.3	40.2	37	36.4	0	0	0	0	0	0
63.9	0	48.8	47.5	44.9	40.5	37.3	37	0	0	0	0	0	0
62	0	44.4	40.3	36.5	35.1	34	33.5	0	0	0	0	0	0
60.4	0	41.8	39.8	37.3	35.6	34.1	33.9	0	0	0	0	0	0
62	0	44.4	41.8	38.8	36.6	35.1	34.7	0	0	0	0	0	0
65.1	0	48.8	47	43.8	39.4	36	35.5	0	0	0	0	0	0
62.6	0	43.9	40.7	38	36.8	35.4	35.2	0	0	0	0	0	0
62.9	0	44	40.7	37.9	36.7	35.4	35.2	0	0	0	0	0	0
66.5	0	45.9	42.4	39.2	36.9	35.3	35.1	0	0	0	0	0	0
63	0	45.8	43.8	39.5	37.5	36	35.6	0	0	0	0	0	0
69.3	0	43.8	40.8	38.1	36.9	36	35.5	0	0	0	0	0	0
77.8	0	46	42.6	39.7	37.8	36.2	36	0	0	0	0	0	0
63.7	0	45.9	42.3	38.9	37	36	35.5	0	0	0	0	0	0
70.7	0	52.5	44.8	39.6	37.9	36.6	36.2	0	0	0	0	0	0
68.7	0	46.2	43.6	40.2	38	36.3	36.1	0	0	0	0	0	0
66.8	0	49.2	43.2	40.3	38.5	36.2	35.9	0	0	0	0	0	0
55.9	0	40.8	39.1	37.8	36.9	36	35.6	0	0	0	0	0	0
59.3	0	46.1	43.6	38.3	37.1	36.1	35.7	0	0	0	0	0	0
61.9	0	42.6	38.5	37.1	35.9	34.5	34.3	0	0	0	0	0	0
67.2	0	53.7	49.7	42.5	39	36.1	35.7	0	0	0	0	0	0
59	0	43.1	41.2	37.8	35.5	33.5	33.2	0	0	0	0	0	0
61	0	41.9	39.5	37.6	35.8	34.2	34	0	0	0	0	0	0
58.4	0	39.3	37.8	36.8	36	34.8	34.4	0	0	0	0	0	0
59.3	0	42	40.4	38.3	36.7	35.1	34.9	0	0	0	0	0	0
55.7	0	43.4	42.1	39.2	35.7	33.5	33.2	0	0	0	0	0	0
70.3	0	36.8	34.9	33.7	33	32.1	31.9	0	0	0	0	0	0

52.5	0	35.3	33.9	33.2	32.6	31.4	31.2	0	0	0	0	0	0
64.5	0	42.1	37.3	35	33.9	32.3	32.1	0	0	0	0	0	0
68.5	0	55.8	51.3	42.9	38.3	34.4	34	0	0	0	0	0	0
57.8	0	41.8	39.2	35.8	33.5	32.2	32	0	0	0	0	0	0
68	0	53.9	49	42.2	38.9	34.7	34.1	0	0	0	0	0	0
56.7	0	40.4	37.6	35.9	34.6	33.2	33	0	0	0	0	0	0
62.3	0	48.1	46.7	44.6	42.7	37.1	36.4	0	0	0	0	0	0
60.5	0	37.3	36.4	35.5	34.5	33.2	33	0	0	0	0	0	0
53.5	0	42.4	39.9	36.5	34.4	33.2	33.1	0	0	0	0	0	0
62.3	0	49.2	46.4	40.3	37.7	35.7	35.3	0	0	0	0	0	0
59.9	0	42.7	40.8	38.9	37.2	34.6	34.3	0	0	0	0	0	0
59.8	0	41.4	38.3	36.3	35.5	34.3	34.1	0	0	0	0	0	0
55.3	0	38.7	36.9	35.9	35.3	34.2	34	0	0	0	0	0	0
56.8	0	40.2	38.7	37.2	36	34.2	33.8	0	0	0	0	0	0
55.3	0	40.6	38.9	36.2	33.8	32.1	31.9	0	0	0	0	0	0
62.6	0	50.3	46.2	38.6	35.9	32.1	31.2	0	0	0	0	0	0
60.7	0	45.3	42.6	36.3	31.4	29.5	29.1	0	0	0	0	0	0
60.9	0	44.7	43.2	39.9	35.8	30.4	30	0	0	0	0	0	0
53.1	0	36	33.7	31.6	30.2	28.6	28.2	0	0	0	0	0	0
65.1	0	42	40.4	37.1	33.6	28.7	28.3	0	0	0	0	0	0
56.9	0	37.9	34.8	31.8	30.4	29	28.5	0	0	0	0	0	0
57.8	0	42.3	39.6	34.9	32	28.5	28.2	0	0	0	0	0	0
89.9	89.5	63	50	45.3	38.4	33	32.3	0	0	0	0	0	0
64.8	0	50.4	45.5	40.7	35.8	29.6	29	0	0	0	0	0	0
58.4	0	37.8	34.1	31.6	30.1	28.4	28.1	0	0	0	0	0	0
62	0	47.4	45.4	38.7	33.6	29.9	29.3	0	0	0	0	0	0
62.4	0	46.5	43	38.6	34.2	29.9	29.4	0	0	0	0	0	0
60.9	0	42.9	41.2	37.2	31.8	28.4	27.9	0	0	0	0	0	0
57.7	0	44.6	41.9	36.4	32.6	29.6	29.1	0	0	0	0	0	0
52.5	0	41.5	39.6	35.6	33.1	28.3	28	0	0	0	0	0	0
59.2	0	45.3	43.1	38.1	30.4	28.1	27.7	0	0	0	0	0	0
61.1	0	44.3	41	36.7	33.3	30.6	30.1	0	0	0	0	0	0
56	0	39.5	37.9	34.4	31.5	29.5	29.1	0	0	0	0	0	0
61.4	0	46.2	41.7	33.4	30.3	27.8	27.4	0	0	0	0	0	0
57.6	0	39.4	36.3	32.4	30.3	28.3	27.8	0	0	0	0	0	0
58.6	0	39.5	38.2	36	33.2	29.7	29.2	0	0	0	0	0	0
59.8	0	45	43.5	38.2	35	29.5	28.6	0	0	0	0	0	0
78.6	0	54.4	50.8	43	37.8	31	30.3	0	0	0	0	0	0
73	0	53	49.5	44.4	38.8	33	32.2	0	0	0	0	0	0
63	0	34.8	32.6	30.5	29.5	28	27.6	0	0	0	0	0	0
57.3	0	37.2	35	32.6	30.7	28.6	28.2	0	0	0	0	0	0
64	0	49.3	47.7	43.7	37.5	30.6	29.8	0	0	0	0	0	0
58.9	0	45.5	42.4	37	33.3	30	29.4	0	0	0	0	0	0
61.6	0	46.3	43.5	40.2	37.2	32.7	32.1	0	0	0	0	0	0
66.2	0	50.9	46.9	42.4	35.5	30.1	29.5	0	0	0	0	0	0
60.3	0	44.7	42.9	38.1	33.1	29.3	28.8	0	0	0	0	0	0
61.5	0	43.3	40.4	36.4	32.6	29.4	28.8	0	0	0	0	0	0
64.6	0	43.8	41.3	33.6	31.4	28.9	28.4	0	0	0	0	0	0
57.2	0	40.7	38	35.2	32.4	29.3	28.9	0	0	0	0	0	0

55	0	37	34.6	32.8	31.1	28.5	28.2	0	0	0	0	0	0
60.2	0	46.3	43.9	37.9	31.7	28.6	28.1	0	0	0	0	0	0
58.3	0	39.8	36.3	31.4	29.7	28.1	27.7	0	0	0	0	0	0
55	0	38.3	33.4	30.6	29.5	28.1	27.6	0	0	0	0	0	0
75.1	0	42.5	38.6	34.8	31.5	29.2	28.8	0	0	0	0	0	0
57.8	0	39.5	36.4	33.7	31.6	29.6	29.2	0	0	0	0	0	0
68.7	0	54.3	50.7	39.7	32.7	30.2	29.7	0	0	0	0	0	0
61.6	0	35.7	33.5	31.8	30.9	29.6	29.2	0	0	0	0	0	0
68.2	0	43.5	37	33.4	31.8	30.2	29.8	0	0	0	0	0	0
65.2	0	44.9	40.6	36.5	33.6	31.2	30.7	0	0	0	0	0	0
98.3	98.3	64.8	61.6	56.8	51.5	39.1	36.3	0	0	0	0	0	0
86.3	0	65.2	62.7	59.6	57.6	53.3	52	0	0	0	0	0	0
84.9	0	66.6	65.2	63.1	61	57	55.5	0	0	0	0	0	0
81.9	87	64.2	62	58.7	55	42.5	38.1	0	0	0	0	0	0
84	0	61.3	57.1	50.8	39.6	30.8	30.2	0	0	0	0	0	0
56.9	0	39	37	34.3	31.8	29.7	29.3	0	0	0	0	0	0
60.3	0	40.5	38.6	34.5	31.8	29.6	29.3	0	0	0	0	0	0
62.2	0	42.4	40.2	37	34.1	31.6	31.1	0	0	0	0	0	0
56.1	0	34	32.9	31.7	31	30	29.5	0	0	0	0	0	0
60.1	0	34	32.6	31.4	30.4	29.2	29.1	0	0	0	0	0	0
89.9	91.5	59.5	52.9	44.4	37.6	31.8	31.3	0	0	0	0	0	0
66.4	0	50.6	46.9	38.1	33.3	30.3	30.1	0	0	0	0	0	0
93.7	95.5	56.4	44.5	39.8	37	33.3	32.5	0	0	0	0	0	0
94.2	98.3	75.3	67.7	52.1	43.5	34.6	33.4	0	0	0	0	0	0
69.2	0	42	38.8	33.7	30.5	29	28.5	0	0	0	0	0	0
66.2	0	50.6	48.7	42.9	35.3	29.9	29.2	0	0	0	0	0	0
75.6	0	40.5	37.5	32.4	30.7	29.3	29.1	0	0	0	0	0	0
70.2	0	44.3	42.2	38.4	35.1	31.4	31.1	0	0	0	0	0	0
100	102.1	57.7	52	46.4	43	34	33.2	0	0	0	0	0	0
79	0	47.2	41.1	37	34.1	30.9	30.4	0	0	0	0	0	0
95.6	96.6	48.6	43.5	38.8	35.4	32.4	32	0	0	0	0	0	0
105.1	107.3	79.2	67	51.4	44.6	31.1	30.6	0	0	0	0	0	0
91.6	91.5	59.3	54.2	47.9	42.4	33.6	32.6	0	0	0	0	0	0
87.6	87	56.2	50.6	45.2	41.8	34.7	33.7	0	0	0	0	0	0
86.8	95.5	61.7	49.4	41.3	36.1	31.2	30.5	0	0	0	0	0	0
75.9	0	57.9	54.4	47.4	41.7	36.3	34.4	0	0	0	0	0	0
83.1	0	54.3	46.9	41.4	36.6	31.5	31	0	0	0	0	0	0
65.1	0	41.6	39.3	35.9	33.1	30.6	30.3	0	0	0	0	0	0
61.9	0	41.4	40	37.1	32.6	29.9	29.5	0	0	0	0	0	0
66.7	0	51.9	50	45.7	38.4	31.5	31.2	0	0	0	0	0	0
67	0	42.9	40.9	37	34.3	31.7	31.3	0	0	0	0	0	0
69.7	0	39.5	37.6	35.6	33.9	32.2	32	0	0	0	0	0	0
64	0	40.6	36.1	34.1	32.9	31.6	31.3	0	0	0	0	0	0
74.6	0	38.8	37.1	34.7	33.3	32.1	32	0	0	0	0	0	0
95.1	95.5	51.8	45.9	41.1	36.4	32.6	32.1	0	0	0	0	0	0
61.9	0	39.3	36.5	33.8	31.3	29.5	29.2	0	0	0	0	0	0
58.5	0	38.9	37.2	35.5	33.6	31.4	31.1	0	0	0	0	0	0
84.4	0	59.3	56.4	46.7	37.8	31.9	31.4	0	0	0	0	0	0
60.1	0	42.8	40.7	38.1	34.9	31.4	30.6	0	0	0	0	0	0

79	0	47	37.7	35.1	33.4	31.1	30.5	0	0	0	0	0	0
77.9	0	45.5	36.4	33.3	31.7	29.9	29.4	0	0	0	0	0	0
61.2	0	44.1	41.4	35.1	32.3	30.2	29.8	0	0	0	0	0	0
58.2	0	40	36.2	33	31.7	29.7	29.3	0	0	0	0	0	0
85.2	93.7	55.2	51.5	48.9	45.4	39.3	34.7	0	0	0	0	0	0

Max	Avg	Max Dir	Excd	Excd	E xcd	Over			
Hz Hz	@ Ma	x Count Count	Count	loads					
-----------	-------	-------------	------						
0	0	0	0	0	N	8	87	21	0
0	0	0	0	0	N	1	17	2	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	1	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
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0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	1	0	0
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0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
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0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
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0	0	0	0	0	N	0	0	0	0
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0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0

0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
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0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
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0	0	0	0	0	N	0	0	15	0
0	0	0	0	0	N	0	0	24	0
0	0	0	0	0	N	0	0	20	0
0	0	0	0	0	N	0	0	3	0
0	0	0	0	0	N	0	0	15	0
0	0	0	0	0	N	0	0	1	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	1	0
0	0	0	0	0	N	0	0	6	0
0	0	0	0	0	N	0	0	0	0
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0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	1	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	9	0

0	0	0	0	0	N	0	0	3	0
0	0	0	0	0	N	0	0	2	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	4	0
0	0	0	0	0	N	0	0	1	0
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0	0	0	0	0	N	0	0	3	0
0	0	0	0	0	N	0	0	9	0
0	0	0	0	0	N	0	0	6	0
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0	0	0	0	0	N	0	0	6	0
0	0	0	0	0	N	0	0	21	0
0	0	0	0	0	N	0	0	9	0
0	0	0	0	0	N	0	0	7	0
0	0	0	0	0	N	0	0	4	0
0	0	0	0	0	N	0	0	19	0
0	0	0	0	0	N	0	0	15	0
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0	0	0	0	0	N	0	0	1	0
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0	0	0	0	0	N	0	0	9	0
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0	0	0	0	0	N	0	0	17	0
0	0	0	0	0	N	0	0	7	0
0	0	0	0	0	N	0	0	8	0
0	0	0	0	0	N	0	0	13	0
0	0	0	0	0	N	0	0	19	0
0	0	0	0	0	N	0	1	4	0
0	0	0	0	0	N	0	0	1	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	42	0
0	0	0	0	0	N	0	0	2	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0

0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	1	6	0	0
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0	0	0	0	0	N	9	39	0	0
0	0	0	0	0	N	2	42	7	0
0	0	0	0	0	N	0	10	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
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0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	1	9	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	1	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
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0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	1	0	0

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0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
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0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
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0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	3	28	9	0
0	0	0	0	0	N	0	0	0	0
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0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
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0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0

0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	1	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	19	212	2	0
0	0	0	0	0	N	40	255	0	0
0	0	0	0	0	N	32	255	0	0
0	0	0	0	0	N	24	255	1	0
0	0	0	0	0	N	10	40	0	0
0	0	0	0	0	N	0	0	0	0
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0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	2	57	16	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	1	25	11	0
0	0	0	0	0	N	3	21	76	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	1	0	0
0	0	0	0	0	N	0	1	0	0
0	0	0	0	0	N	2	36	3	0
0	0	0	0	0	N	0	10	0	0
0	0	0	0	0	N	0	13	2	0
0	0	0	0	0	N	4	49	85	0
0	0	0	0	0	N	5	52	5	0
0	0	0	0	0	N	2	33	6	0
0	0	0	0	0	N	2	38	28	0
0	0	0	0	0	N	3	21	0	0
0	0	0	0	0	N	1	8	0	0
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0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
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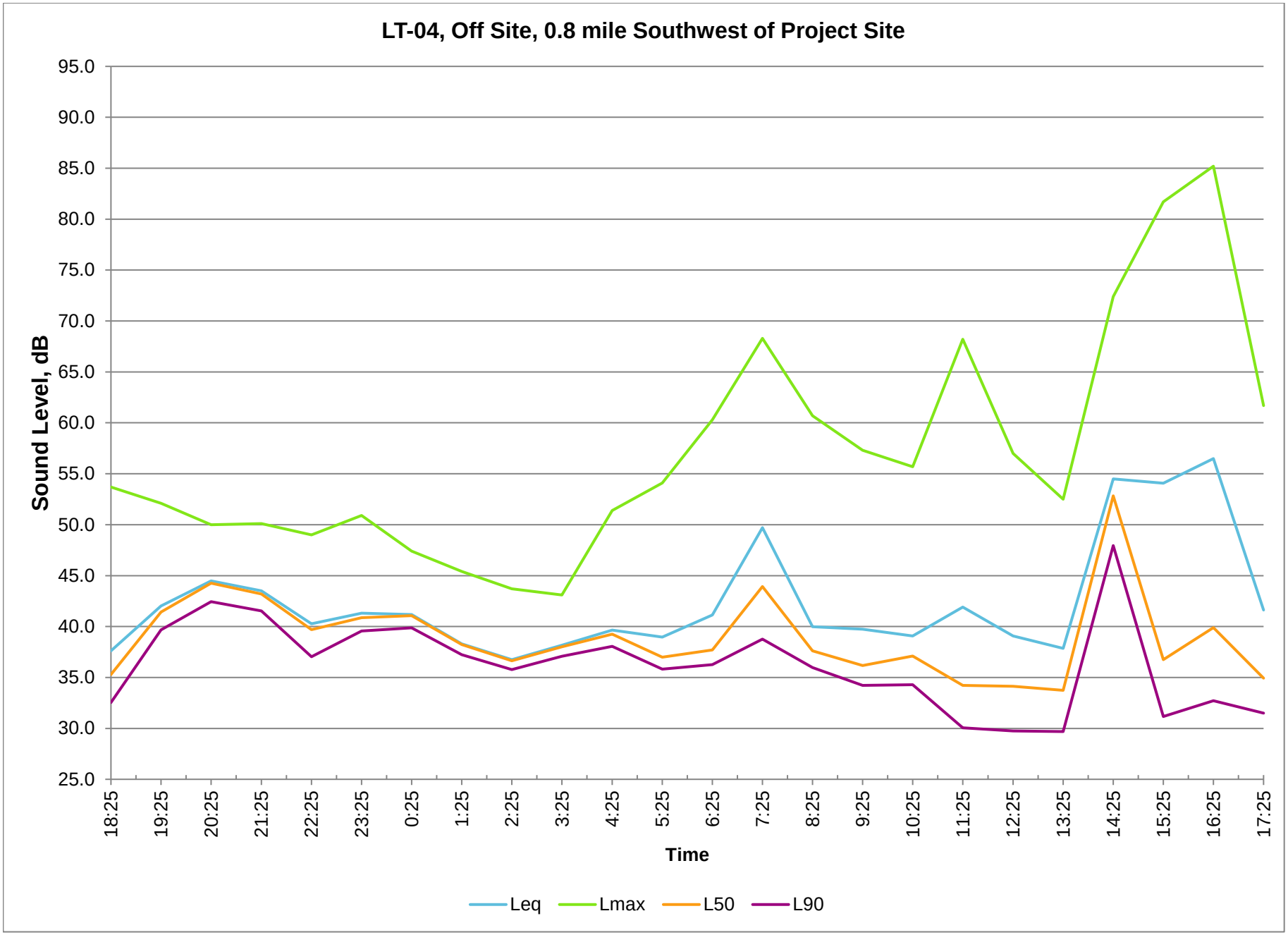
0	0	0	0	0	N	0	1	0	0
0	0	0	0	0	N	1	33	8	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	12	108	0	0
0	0	0	0	0	N	0	0	0	0

0	0	0	0	0	N	0	6	0	0
0	0	0	0	0	N	0	7	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	0	0	0
0	0	0	0	0	N	0	40	8	0


LT-04, Off Site, 0.8 mile Southwest of Project Site
Sound Level, dB
95.0
90.0
85.0
80.0
75.0
70.0
65.0
60.0
55.0
50.0
45.0
40.0
35.0
30.0
25.0
18:25
19:25
20:25
21:25
22:25
23:25
0:25
1:25
2:25
3:25
4:25
5:25
6:25
7:25
8:25
9:25
10:25
11:25
12:25
13:25
14:25
15:25
16:25
17:25
Time
Leq
Lmax
L50
L90

C:\LARDAV\SLMUTIL\ 031819.bin E vent Da ta

Site Location	Meas Numbe	r	Date	Ti Time	me of Lmax	Duration	Leq	SEL	Lmax
	0	0	18-Mar 19	17:33:31	17:33:33	7.3	73.2	81.8	80.7
	0	0	18-Mar 19	19:20:17	19:20:34	30.4	64.4	79.3	65.7
	0	0	18-Mar 19	19:21:23	19:21:23	10.8	64.2	74.5	65.1
	0	0	18-Mar 19	19:22:09	19:22:16	18.4	64.7	77.3	65.8
	0	0	18-Mar 19	19:27:54	19:29:18	137.5	65.3	86.7	67.8
	0	0	18-Mar 19	19:30:30	19:30:44	25.7	65	79.1	67.3
	0	0	18-Mar 19	19:32:35	19:32:35	19.4	64.1	76.9	65
	0	0	18-Mar 19	19:33:07	19:33:07	30.9	64.2	79.1	65.3
	0	0	18-Mar 19	19:33:56	19:33:59	15.1	65.3	77.1	66.7
	0	0	18-Mar 19	19:34:27	19:34:42	25.8	64.3	78.4	65.9
	0	0	18-Mar 19	19:35:03	19:35:07	19.6	64.9	77.8	65.9
	0	0	18-Mar 19	19:37:17	19:38:22	106.8	65.1	85.4	67.5
	0	0	18-Mar 19	19:39:11	19:39:11	14.7	63.9	75.6	65
	0	0	18-Mar 19	19:39:42	19:39:55	86.9	64.6	84	66.3
	0	0	18-Mar 19	19:42:10	19:42:12	39.7	64.5	80.5	66
	0	0	18-Mar 19	19:43:20	19:43:31	25.7	64.3	78.4	65.9
	0	0	18-Mar 19	19:44:10	19:44:21	46.8	64.2	81	65.4
	0	0	18-Mar 19	19:45:32	19:45:33	22.4	64.4	78	65.3
	0	0	18-Mar 19	19:46:00	19:46:34	116.3	64.7	85.4	66.9
	0	0	18-Mar 19	19:48:25	19:48:52	38.9	64.6	80.5	66.1
	0	0	18-Mar 19	19:50:14	19:50:14	12.4	64	74.9	65.1
	0	0	18-Mar 19	19:51:44	19:52:05	36.7	64.3	79.9	65.4
	0	0	18-Mar 19	19:56:17	19:56:46	39.4	64.6	80.6	66.1
	0	0	18-Mar 19	19:59:16	20:00:27	73.9	64.5	83.2	66.2
	0	0	18-Mar 19	20:00:30	20:00:30	23.9	64.4	78.2	66
	0	0	18-Mar 19	20:03:33	20:03:43	24	64.6	78.4	66
	0	0	18-Mar 19	20:04:19	20:04:46	79.8	64.9	83.9	66.3
	0	0	18-Mar 19	20:05:44	20:05:44	8	64.2	73.2	65.3
	0	0	18-Mar 19	20:10:34	20:10:51	25.4	64.5	78.5	65.6
	0	0	18-Mar 19	20:11:47	20:12:02	44.1	65.1	81.5	66.5
	0	0	18-Mar 19	20:14:49	20:15:12	153.7	65.6	87.5	67.7
	0	0	18-Mar 19	20:20:40	20:20:40	10.8	64.1	74.4	65.1
	0	0	18-Mar 19	20:23:29	20:23:52	64	65.1	83.2	66.9
	0	0	18-Mar 19	20:28:07	20:28:19	108.8	65.8	86.2	67.9
	0	0	18-Mar 19	20:30:00	20:30:03	11.4	64	74.6	65.3
	0	0	18-Mar 19	20:31:25	20:31:25	8.3	63.9	73.1	65.3
	0	0	18-Mar 19	20:31:37	20:31:42	26.8	65.1	79.4	66.3
	0	0	18-Mar 19	20:35:10	20:36:04	157.8	65.6	87.6	67.7
	0	0	18-Mar 19	20:37:51	20:38:14	77.8	64.8	83.7	66.3
	0	0	18-Mar 19	20:39:23	20:39:26	10.8	64.5	74.9	65.8
	0	0	18-Mar 19	20:39:39	20:40:02	31.2	64.3	79.3	65.5
	0	0	18-Mar 19	20:43:51	20:44:39	65.7	65.5	83.6	67.5
	0	0	18-Mar 19	20:50:10	20:50:15	76.2	64.5	83.3	65.9
	0	0	18-Mar 19	20:52:14	20:52:14	5.2	64.1	71.3	65

0	0	18-Mar	19	20:53:15	20:53:18	44.6	64.4	80.9	65.7
0	0	18-Mar	19	20:55:46	20:55:46	10.5	64.2	74.4	65.1
0	0	18-Mar	19	20:59:40	21:00:08	49.4	65.8	82.7	67.6
0	0	18-Mar	19	21:00:30	21:00:54	56.2	65	82.5	66.5
0	0	18-Mar	19	21:05:59	21:06:30	57.3	64.8	82.4	66.5
0	0	18-Mar	19	21:12:05	21:12:15	14.4	64.3	75.9	65.3
0	0	18-Mar	19	21:12:39	21:12:39	10.1	64.2	74.3	65.2
0	0	18-Mar	19	21:12:50	21:13:51	111.4	64.7	85.2	66.5
0	0	18-Mar	19	21:14:54	21:15:09	46.9	65	81.7	66.3
0	0	18-Mar	19	21:16:08	21:16:12	22.3	64.4	77.9	66.2
0	0	18-Mar	19	21:21:09	21:21:16	40.1	64.5	80.6	66.1
0	0	18-Mar	19	21:27:07	21:27:07	5.3	64.1	71.3	65.1
0	0	18-Mar	19	21:33:22	21:34:57	143.1	66.1	87.7	68.2
0	0	18-Mar	19	21:36:09	21:36:17	11.1	64.7	75.1	65.8
0	0	18-Mar	19	21:39:26	21:39:33	19.6	64.5	77.5	66.2
0	0	18-Mar	19	21:39:53	21:39:54	7.3	64.6	73.3	65.7
0	0	18-Mar	19	21:42:48	21:43:02	61.6	65.1	83	66.7
0	0	18-Mar	19	21:46:10	21:46:34	79.6	65.6	84.6	67.9
0	0	18-Mar	19	21:50:12	21:50:24	58.9	64.8	82.5	66.5
0	0	18-Mar	19	21:51:37	21:51:51	112.3	65.1	85.6	67.4
0	0	18-Mar	19	21:56:50	21:58:47	136.3	65.3	86.7	67.8
0	0	18-Mar	19	22:02:25	22:03:52	150.8	65	86.8	67
0	0	18-Mar	19	22:04:59	22:05:01	17.1	64.2	76.5	65.4
0	0	18-Mar	19	22:05:39	22:05:56	29	65	79.6	66.5
0	0	18-Mar	19	22:11:11	22:11:16	15.3	65.1	77	66.4
0	0	18-Mar	19	22:11:37	22:11:46	42.6	64.6	81	66.4
0	0	18-Mar	19	22:17:55	22:18:25	60.4	65.2	83	67.5
0	0	18-Mar	19	22:18:59	22:18:59	5.7	64	71.6	65
0	0	18-Mar	19	22:27:44	22:27:44	5.5	63.9	71.2	65
0	0	18-Mar	19	22:44:05	22:44:22	22.3	64.3	77.8	65.6
0	0	18-Mar	19	22:44:49	22:44:52	10	64.5	74.5	65.5
0	0	18-Mar	19	22:49:04	22:49:10	20.6	64.2	77.3	65.2
0	0	18-Mar	19	22:53:56	22:54:21	31	64.3	79.2	65.7
0	0	18-Mar	19	22:54:42	22:54:45	9	64.8	74.3	66
0	0	18-Mar	19	22:58:40	22:59:43	86.6	65.1	84.5	66.9
0	0	18-Mar	19	23:00:14	23:00:18	8.5	64.3	73.6	65.6
0	0	18-Mar	19	23:04:53	23:04:59	9.2	64.2	73.9	65.5
0	0	18-Mar	19	23:05:50	23:06:26	51.7	64.8	82	67.1
0	0	18-Mar	19	23:22:45	23:22:45	10.3	64	74.1	65.1
0	0	18-Mar	19	23:42:57	23:43:03	16	65.4	77.4	67.1
0	0	19-Mar	19	6:27:26	6:27:28	14.6	66.2	77.9	69.4
0	0	19-Mar	19	12:07:13	12:07:13	8.9	69.3	78.8	73.4
0	0	19-Mar	19	13:00:08	13:00:13	12.2	70.1	80.9	73.7
0	0	19-Mar	19	13:19:01	13:19:02	5.1	67.8	74.9	71.5
0	0	19-Mar	19	13:25:54	13:25:59	7.6	66.9	75.6	69.3
0	0	19-Mar	19	13:26:10	13:26:10	5.1	65.7	72.8	68.4
0	0	19-Mar	19	13:35:07	13:35:11	9.5	66.5	76.2	70.5
0	0	19-Mar	19	13:35:59	13:36:02	6.5	65.9	74	69
0	0	19-Mar	19	13:36:08	13:36:10	6.6	66.1	74.3	69.4

0	0	19-Mar	19	13:36:31	13:36:32	8.9	68.2	77.7	72
0	0	19-Mar	19	13:36:47	13:36:48	6.9	65.6	74	68.5
0	0	19-Mar	19	13:37:10	13:37:10	11.4	66	76.6	68.6
0	0	19-Mar	19	13:37:24	13:37:28	8.4	65.1	74.4	67.1
0	0	19-Mar	19	13:37:35	13:37:39	8.9	66.7	76.2	69.8
0	0	19-Mar	19	13:38:01	13:38:01	5.2	66.6	73.8	69.8
0	0	19-Mar	19	15:21:31	15:21:34	8.6	71.6	81	75.5
0	0	19-Mar	19	16:04:52	16:05:02	25.3	74.9	89	80.3
0	0	19-Mar	19	16:55:08	16:55:11	8.9	71.3	80.8	75.9
0	0	19-Mar	19	16:55:19	16:55:19	6.1	70	77.9	73.3
0	0	19-Mar	19	16:55:43	16:56:05	38.1	80.2	96.1	88.9
0	0	19-Mar	19	17:04:58	17:05:00	8.2	68.7	77.8	71
0	0	19-Mar	19	17:30:58	17:31:06	13.3	68.6	79.8	72.7
0	0	19-Mar	19	17:33:11	17:33:11	6.6	67.2	75.4	70.6
0	0	19-Mar	19	17:33:25	17:33:25	5.7	65.9	73.4	68.9

Peak	Uwpk	Sym	Peak Exc Decay	d Over Type	Count	loads
118.1	115.3	37.1	82	0	2	0
82.7	0	57.4	12.5	0	0	0
81.9	0	0	15.6	0	0	0
81.7	0	43.4	17.2	0	0	0
85.1	0	61.3	21.1	0	0	0
85.4	0	55.9	14.8	0	0	0
82.3	0	0	10.9	0	0	0
82.1	0	2.3	3.1	0	0	0
85	0	24.2	10.2	0	0	0
82.8	0	61.7	5.5	0	0	0
82.4	0	21.5	7	0	0	0
83.5	0	60.9	13.3	0	0	0
82	0	0	10.2	0	0	0
85.5	0	15.6	9.4	0	0	0
83.5	0	7.4	5.5	0	0	0
82.9	0	46.1	6.2	0	0	0
81.9	0	23.8	4.7	0	0	0
83.4	0	5.1	8.6	0	0	0
84.2	0	29.3	10.9	0	0	0
82.5	0	69.9	7.8	0	0	0
83.1	0	0.4	7	0	0	0
84.7	0	57.4	11.7	0	0	0
84.1	0	74.2	8.6	0	0	0
85	0	96.5	7.8	0	0	0
84.7	0	0.4	4.7	0	0	0
84.3	0	44.5	11.7	0	0	0
83.6	0	34.8	10.9	0	0	0
83	0	0	9.4	0	0	0
83.3	0	69.9	8.6	0	0	0
84	0	35.5	13.3	0	0	0
85.4	0	15.2	15.6	0	0	0
81.1	0	0	7	0	0	0
84.9	0	36.3	9.4	0	0	0
86.2	0	11.3	9.4	0	0	0
81.9	0	30.9	9.4	0	0	0
83.5	0	0	7.8	0	0	0
85.5	0	21.9	12.5	0	0	0
84.8	0	34.4	16.4	0	0	0
85.9	0	29.7	10.9	0	0	0
84.5	0	33.2	14.1	0	0	0
83.9	0	74.6	6.2	0	0	0
85	0	73.8	17.2	0	0	0
84.8	0	7	9.4	0	0	0
84.5	0	0.4	17.2	0	0	0

84.9	0	7.4	4.7	0	0	0
83.3	0	2	10.2	0	0	0
86.4	0	57.4	8.6	0	0	0
85.1	0	43.8	9.4	0	0	0
85.2	0	54.7	7.8	0	0	0
83.1	0	71.5	4.7	0	0	0
84	0	0	7	0	0	0
86.2	0	55.1	9.4	0	0	0
84.6	0	33.2	7.8	0	0	0
83.9	0	21.9	22.7	0	0	0
84	0	18.4	9.4	0	0	0
81.9	0	1.6	3.9	0	0	0
89.6	0	66.4	18.8	0	0	0
84	0	78.1	18.8	0	0	0
83.7	0	35.9	14.8	0	0	0
82.5	0	21.1	8.6	0	0	0
84.3	0	23	23.4	0	0	0
86.8	0	31.2	10.9	0	0	0
84.5	0	21.5	14.8	0	0	0
85.3	0	12.9	13.3	0	0	0
86.3	0	85.9	19.5	0	0	0
84.8	0	58.2	21.9	0	0	0
83.6	0	14.5	10.9	0	0	0
84.7	0	60.5	14.1	0	0	0
84.8	0	34.4	10.2	0	0	0
84.2	0	21.5	18	0	0	0
84.7	0	51.2	12.5	0	0	0
81.1	0	0.4	18	0	0	0
80.8	0	0.4	9.4	0	0	0
84.5	0	77.3	7	0	0	0
84.9	0	37.5	14.8	0	0	0
83.8	0	29.7	10.9	0	0	0
83.2	0	82	12.5	0	0	0
83.3	0	43.8	20.3	0	0	0
85.3	0	73.8	14.1	0	0	0
82	0	51.6	6.2	0	0	0
83	0	70.3	7.8	0	0	0
85.7	0	71.1	14.8	0	0	0
82.4	0	0	9.4	0	0	0
85.4	0	39.1	7.8	0	0	0
83	92.6	14.1	0	0	0	0
93.9	96.1	9	35.2	0	4	0
91.8	97.4	48	0	0	1	0
86.8	90.1	21.1	28.9	0	0	0
84.7	92.6	72.7	32.8	0	0	0
83.8	0	14.1	26.6	0	0	0
85.1	90.1	45.3	29.7	0	0	0
84	0	55.5	16.4	0	0	0
83.2	90.1	32	4.7	0	0	0

86.6	90.1	20.3	9.4	0	0	0
82	90.1	26.6	10.9	0	0	0
85.7	90.1	3.5	21.9	0	0	0
85	0	51.6	14.8	0	0	0
87.6	0	49.6	18	0	0	0
84.8	0	12.9	21.1	0	0	0
90.1	99.7	36.3	0	0	1	0
93.7	98.6	40.2	0	0	11	0
91.2	94.5	43.4	34.4	0	2	0
91.3	92.6	12.5	61.7	0	2	0
109.1	111.7	59.4	8.6	0	8	0
84.1	94.5	28.9	0	0	0	0
90.6	90.1	64.8	46.9	0	2	0
85	0	9.8	38.3	0	0	0
83.1	0	2.7	25.8	0	0	0