



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-14

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1000 Max : 13.89	2943 NE	3277 NW	2996 SW	2997 NNW	Min : 43.88 Max : 85.46	Min : 38.60 Max : 90.50	Min : 29.99 Max : 30.32

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m³		PM2.5 : 35 µg/m³		H2S : 10 PPM	
AQ-SN	Avg. PM10 Daily (µg/m³)	Max. PM10-15-min Avg (µg/m³)	Avg. PM2.5 Daily (µg/m³)	Max. PM2.5-15-min Avg (µg/m³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2943	14.4	44.9	8.5	23.9	-0.040	0.033
2996	12.9	41.3	8.4	26.9	0.000	0.004
2997	13.0	42.6	8.6	28.5	0.004	0.027
3277	13.5	27.1	10.4	22.2	0.002	0.013

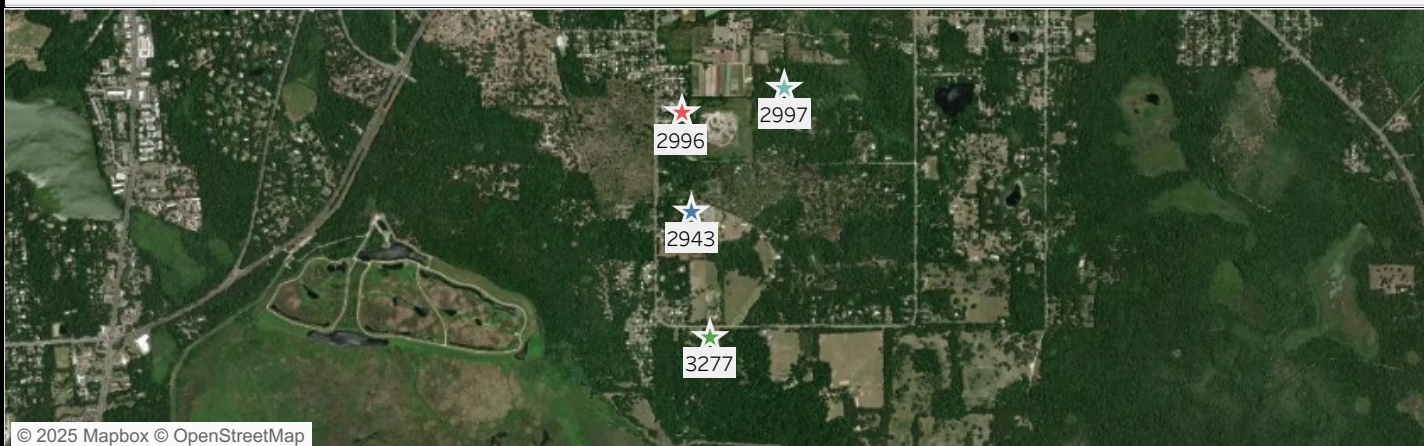


Figure 1 : Monitoring Locations

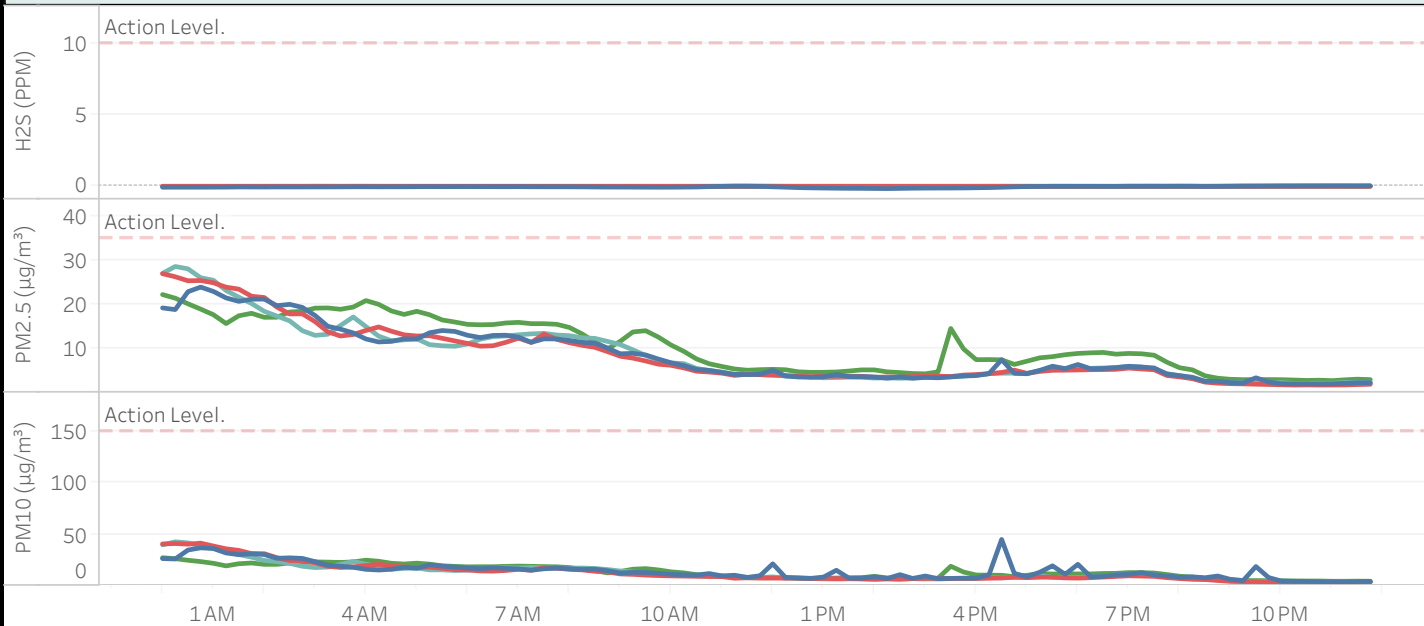


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



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Florence C&D Landfill – Air Monitoring

Date : 2025-12-14

Wind Rose Chart 2943

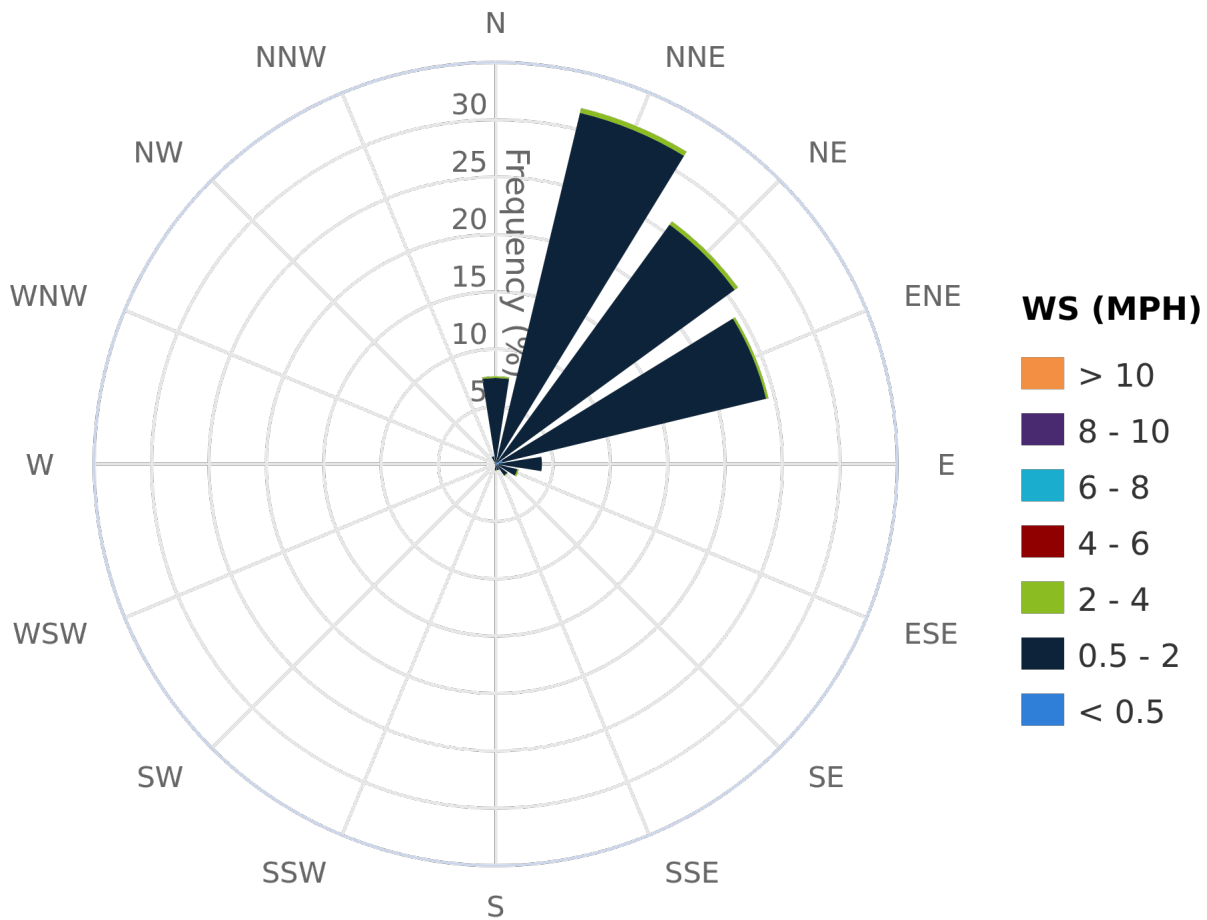


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-14

Wind Rose Chart 3277

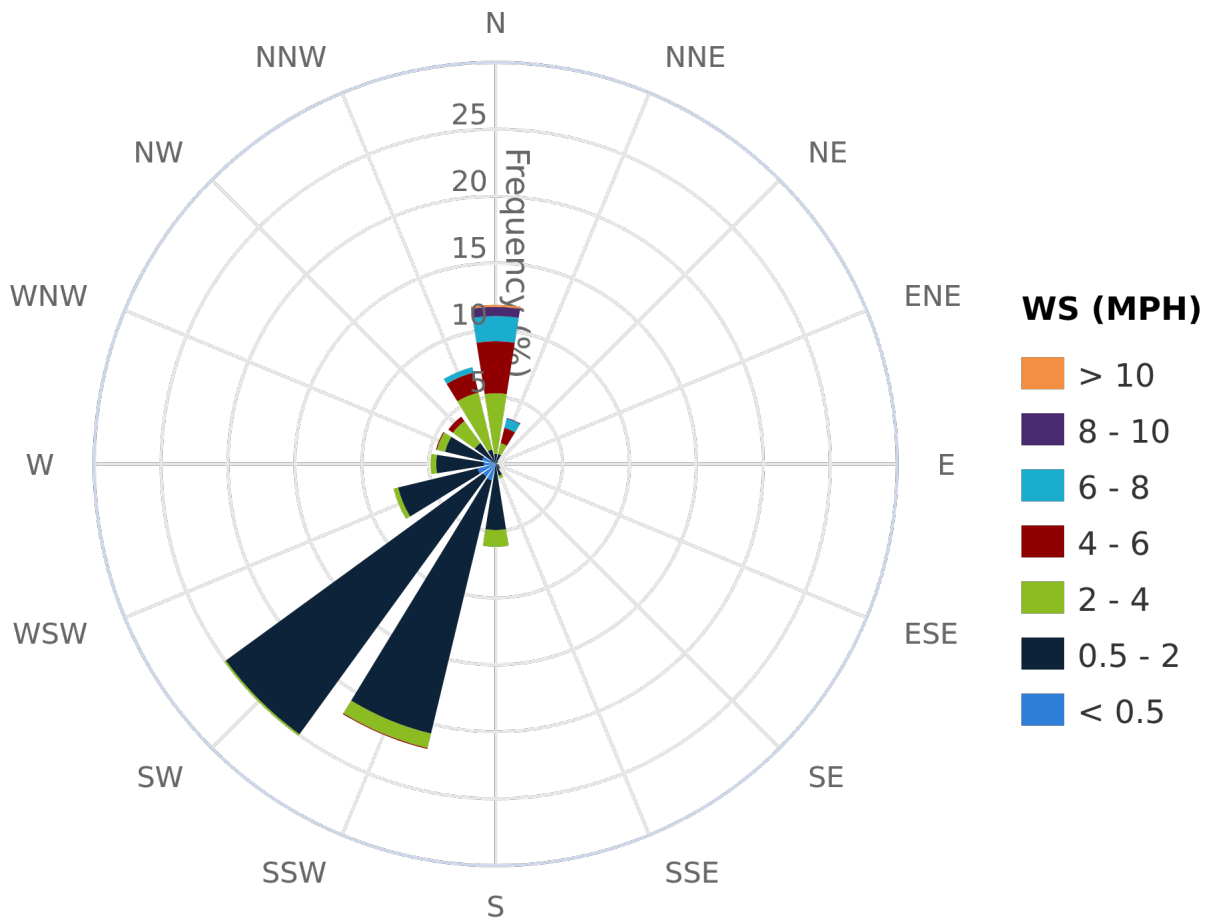


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-14

Wind Rose Chart 2996

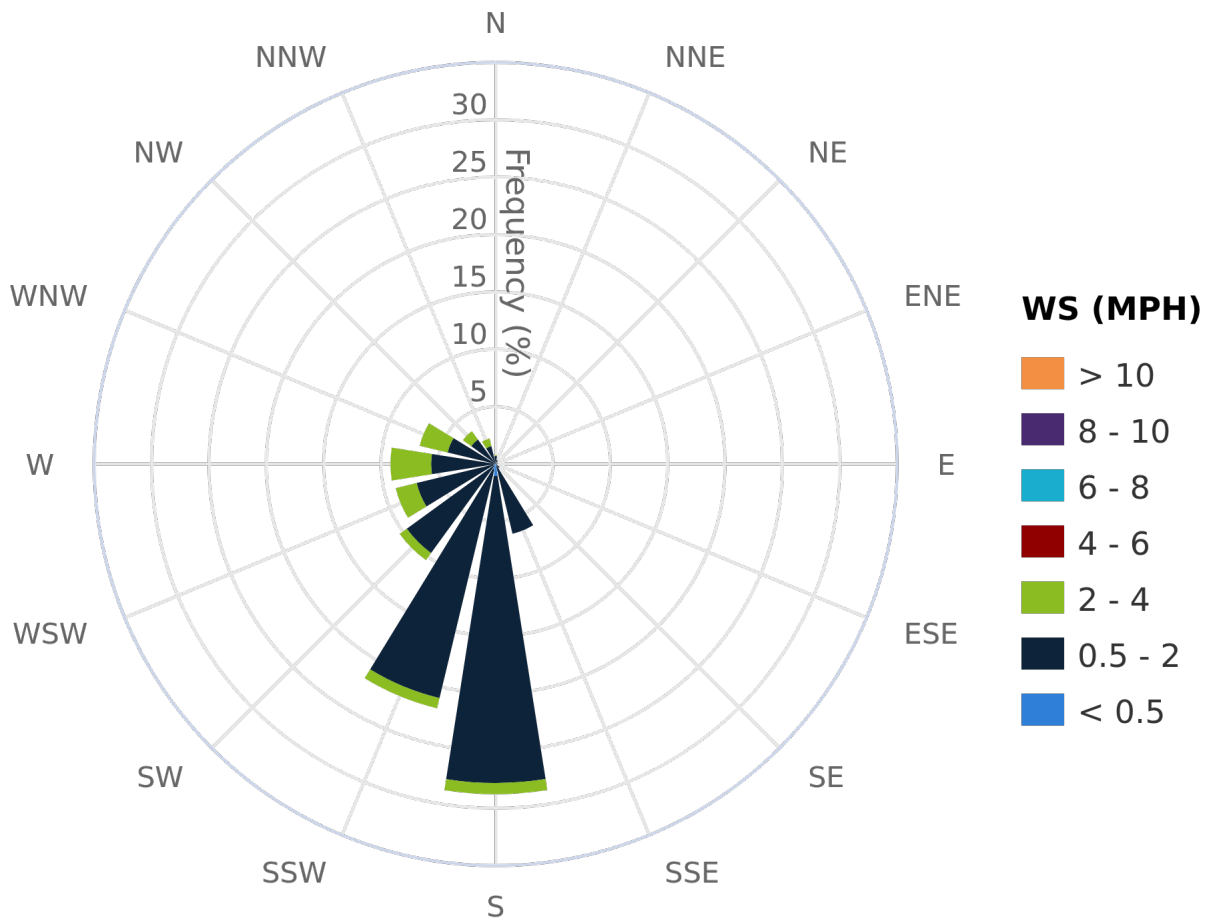


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

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Date : 2025-12-14

Wind Rose Chart 2997

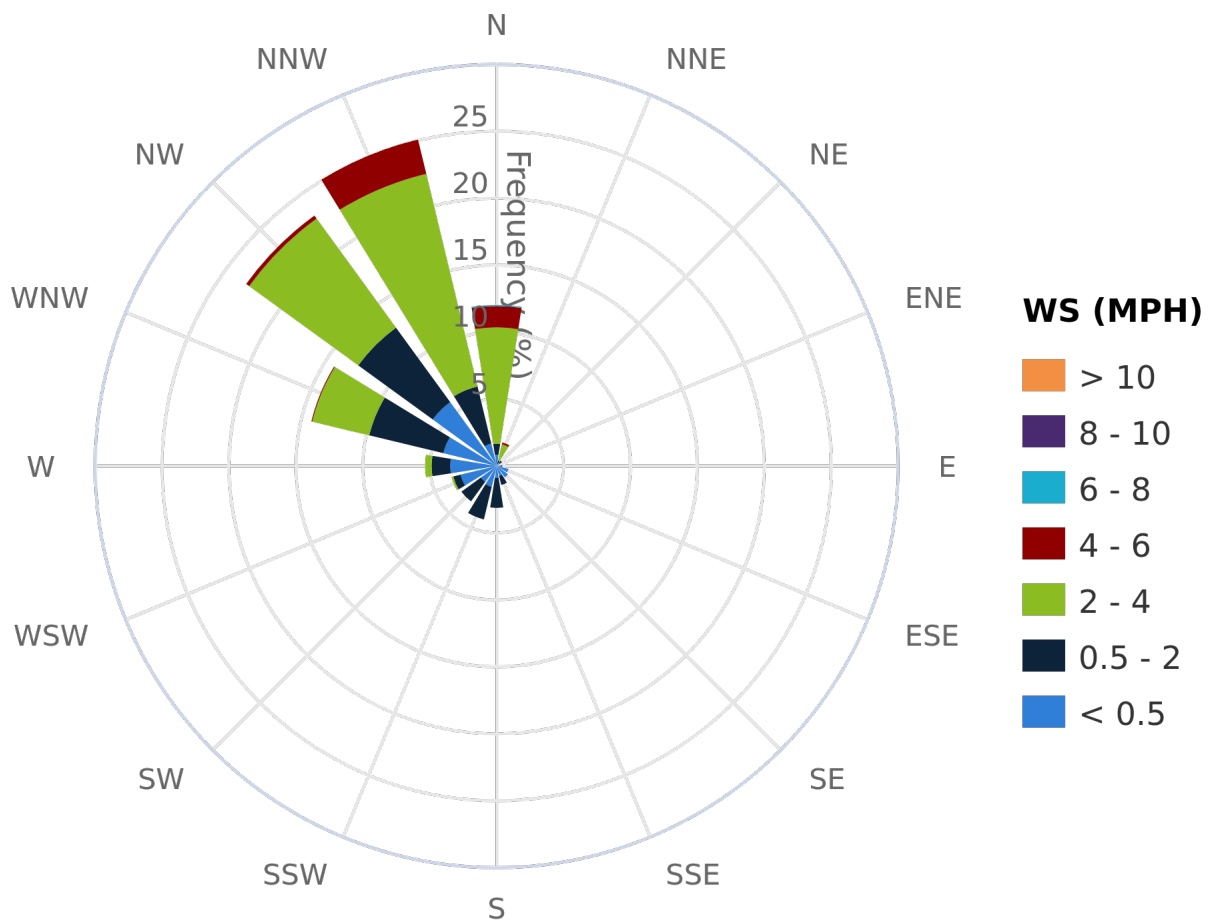


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3277 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3277 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	26.3	27.1	39.6	40.5	19.1	22.2	26.9	27.0	-0.066	0.000	0.000	0.000
00:15:00	25.9	26.2	42.6	40.9	18.8	21.3	26.2	28.5	-0.062	0.000	0.000	0.000
00:30:00	34.6	24.7	41.5	40.3	22.8	20.1	25.3	28.0	-0.063	0.000	0.000	0.000
00:45:00	36.7	23.4	38.7	41.3	23.9	18.9	25.3	26.0	-0.062	0.000	0.000	0.000
01:00:00	36.0	21.8	37.9	38.5	22.9	17.6	24.8	25.4	-0.059	0.000	0.000	0.000
01:15:00	31.8	19.3	32.9	35.8	21.4	15.6	23.8	23.1	-0.056	0.000	0.000	0.000
01:30:00	30.2	21.3	30.2	34.3	20.6	17.4	23.4	21.6	-0.045	0.000	0.000	0.000
01:45:00	30.9	22.1	27.7	31.1	21.1	17.9	21.8	20.1	-0.047	0.000	0.000	0.000
02:00:00	30.3	20.8	24.6	31.1	21.1	17.0	21.5	18.4	-0.049	0.000	0.000	0.000
02:15:00	26.6	20.8	23.4	27.2	19.7	17.0	19.3	17.3	-0.044	0.000	0.001	0.000
02:30:00	27.1	22.1	21.7	24.5	20.0	18.2	17.8	16.2	-0.046	0.000	0.000	0.000
02:45:00	26.5	22.4	18.9	24.4	19.3	18.4	17.8	14.0	-0.045	0.000	0.000	0.000
03:00:00	23.3	23.1	17.6	22.2	17.4	19.1	16.0	12.9	-0.043	0.000	0.004	0.000
03:15:00	19.9	22.9	18.1	18.9	15.0	19.1	13.7	13.2	-0.041	0.000	0.003	0.000
03:30:00	18.9	22.6	20.7	17.7	14.3	18.8	12.8	15.2	-0.038	0.000	0.000	0.000
03:45:00	17.8	23.1	23.5	18.2	13.5	19.3	13.1	17.1	-0.034	0.000	0.003	0.000
04:00:00	15.9	24.8	20.9	19.6	12.1	20.8	14.0	14.9	-0.033	0.000	0.002	0.000
04:15:00	15.2	23.7	17.9	20.8	11.5	20.0	14.8	12.8	-0.036	0.000	0.000	0.000
04:30:00	16.0	21.8	16.1	19.4	11.6	18.5	13.9	11.7	-0.035	0.000	0.000	0.000
04:45:00	17.9	21.1	16.8	18.2	12.2	17.7	13.1	11.9	-0.032	0.000	0.000	0.000
05:00:00	16.9	21.9	17.3	17.8	12.1	18.4	12.8	12.2	-0.028	0.000	0.000	0.000
05:15:00	20.3	21.0	15.4	18.0	13.5	17.6	12.9	10.9	-0.024	0.000	0.000	0.000
05:30:00	19.0	19.3	15.4	17.0	14.0	16.4	12.3	10.6	-0.028	0.000	0.000	0.000
05:45:00	18.1	18.8	14.7	15.7	13.8	16.0	11.7	10.5	-0.025	0.000	0.000	0.000
06:00:00	17.1	18.3	15.2	15.3	13.0	15.4	11.1	11.0	-0.024	0.000	0.000	0.000
06:15:00	16.6	18.4	16.1	14.4	12.4	15.3	10.5	12.1	-0.027	0.000	0.000	0.000
06:30:00	17.4	18.4	17.1	14.2	12.9	15.4	10.6	12.7	-0.027	0.000	0.000	0.000
06:45:00	16.8	18.8	17.5	14.8	13.0	15.7	11.4	12.8	-0.029	0.000	0.000	0.000
07:00:00	16.3	19.1	17.2	15.9	12.5	15.9	12.3	13.1	-0.026	0.000	0.000	0.000
07:15:00	15.0	18.8	17.8	15.1	11.4	15.6	11.3	13.3	-0.032	0.000	0.000	0.000
07:30:00	16.4	18.6	17.5	17.7	12.2	15.6	13.2	13.4	-0.034	0.000	0.000	0.000
07:45:00	17.1	18.4	17.0	17.2	12.1	15.4	12.0	13.0	-0.035	0.000	0.000	0.000
08:00:00	16.5	17.7	17.0	15.9	11.8	14.7	11.3	12.9	-0.036	0.000	0.000	0.000
08:15:00	15.8	16.0	17.2	15.4	11.4	13.3	10.7	12.4	-0.040	0.000	0.000	0.000
08:30:00	16.1	14.7	16.8	14.0	11.2	11.5	10.2	12.3	-0.048	0.000	0.000	0.000
08:45:00	14.6	12.5	15.7	13.4	10.1	9.9	9.3	11.6	-0.054	0.000	0.000	0.000
09:00:00	12.4	13.8	14.3	11.5	8.8	11.6	8.2	10.9	-0.054	0.000	0.000	0.000
09:15:00	13.0	16.0	13.4	11.0	8.9	13.7	7.8	9.7	-0.057	0.000	0.000	0.000
09:30:00	12.9	16.6	12.1	10.3	8.5	14.0	7.2	8.4	-0.062	0.000	0.000	0.000
09:45:00	12.0	15.3	11.2	9.9	7.6	12.6	6.4	7.4	-0.064	0.000	0.000	0.000
10:00:00	11.1	13.5	10.2	9.5	6.7	10.8	6.2	6.7	-0.062	0.000	0.000	0.000
10:15:00	10.7	12.5	10.1	9.4	6.1	9.3	5.6	6.6	-0.055	0.000	0.000	0.000
10:30:00	10.4	10.8	9.8	9.1	5.2	7.6	4.8	5.5	-0.046	0.000	0.000	0.000
10:45:00	11.8	9.8	9.3	9.0	5.0	6.5	4.7	5.0	-0.021	0.000	0.000	0.000
11:00:00	9.6	9.4	9.4	8.8	4.6	5.9	4.4	4.7	-0.003	0.005	0.000	0.000
11:15:00	10.2	8.6	8.4	7.3	4.1	5.3	3.9	4.1	0.010	0.010	0.000	0.004
11:30:00	8.1	7.8	8.1	7.7	4.1	5.1	4.1	4.3	0.006	0.012	0.000	0.010
11:45:00	9.7	7.8	8.1	7.4	4.1	5.2	4.0	4.1	-0.005	0.011	0.000	0.004



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12:00:00	21.3	7.8	8.6	7.5	5.0	5.3	3.9	4.1	-0.034	0.006	0.000	0.000
12:15:00	8.1	8.0	7.3	7.4	3.8	5.2	3.8	3.7	-0.061	0.002	0.000	0.000
12:30:00	7.4	7.4	7.6	7.4	3.5	4.7	3.7	3.8	-0.090	0.000	0.000	0.000
12:45:00	7.1	7.3	7.2	6.9	3.5	4.6	3.6	3.6	-0.109	0.000	0.000	0.000
13:00:00	8.5	7.3	6.7	7.1	3.6	4.6	3.7	3.3	-0.121	0.000	0.000	0.000
13:15:00	15.0	7.5	6.5	6.9	4.1	4.7	3.7	3.4	-0.132	0.000	0.000	0.000
13:30:00	7.3	7.8	6.7	7.0	3.6	4.9	3.7	3.5	-0.140	0.000	0.000	0.000
13:45:00	7.3	7.9	6.6	6.7	3.6	5.1	3.7	3.5	-0.143	0.000	0.000	0.000
14:00:00	8.7	9.1	6.2	6.4	3.6	5.1	3.5	3.3	-0.152	0.000	0.000	0.000
14:15:00	7.0	7.6	6.6	6.8	3.3	4.7	3.5	3.4	-0.160	0.000	0.000	0.000
14:30:00	10.8	7.1	6.3	6.5	3.6	4.5	3.5	3.3	-0.146	0.000	0.000	0.000
14:45:00	7.1	6.9	6.9	6.9	3.3	4.3	3.6	3.3	-0.132	0.000	0.000	0.000
15:00:00	9.4	6.8	6.7	7.2	3.5	4.3	3.8	3.4	-0.125	0.000	0.000	0.000
15:15:00	6.8	7.3	6.6	7.2	3.4	4.7	3.7	3.5	-0.121	0.000	0.000	0.000
15:30:00	7.1	18.9	6.9	6.9	3.5	14.5	3.6	3.6	-0.119	0.000	0.000	0.000
15:45:00	7.4	13.3	7.1	7.1	3.8	9.9	4.0	3.7	-0.114	0.000	0.000	0.000
16:00:00	7.3	10.4	7.0	7.1	3.9	7.4	4.1	4.0	-0.102	0.002	0.000	0.000
16:15:00	10.4	10.3	8.0	7.3	4.3	7.5	4.3	4.3	-0.089	0.003	0.000	0.000
16:30:00	44.9	10.2	7.6	7.6	7.4	7.4	4.6	4.4	-0.065	0.003	0.000	0.001
16:45:00	11.9	8.8	8.3	8.3	4.4	6.4	5.1	4.4	-0.039	0.001	0.000	0.001
17:00:00	8.8	10.2	8.9	7.8	4.3	7.1	4.4	4.4	-0.015	0.002	0.000	0.000
17:15:00	13.1	11.8	9.6	8.3	5.0	7.9	4.8	5.0	-0.006	0.000	0.000	0.000
17:30:00	19.3	11.4	8.2	8.3	6.0	8.1	5.1	5.2	0.001	0.000	0.000	0.000
17:45:00	11.1	11.6	8.1	7.6	5.4	8.6	5.1	5.2	0.003	0.001	0.000	0.000
18:00:00	20.8	11.5	8.1	7.4	6.4	8.9	5.1	5.3	0.000	0.000	0.000	0.000
18:15:00	8.8	11.5	8.8	7.8	5.4	9.0	5.2	5.5	0.000	0.000	0.000	0.000
18:30:00	9.1	11.9	9.1	8.4	5.5	9.1	5.2	5.6	-0.002	0.000	0.000	0.000
18:45:00	10.8	12.1	10.9	9.0	5.6	8.7	5.3	5.7	-0.003	0.000	0.000	0.000
19:00:00	11.1	12.8	10.8	9.7	5.9	8.9	5.5	6.0	0.004	0.005	0.000	0.003
19:15:00	12.8	12.7	10.1	9.4	5.8	8.8	5.3	5.8	0.002	0.006	0.000	0.005
19:30:00	10.6	12.4	10.6	9.1	5.6	8.5	5.2	5.3	0.002	0.008	0.000	0.004
19:45:00	9.6	10.9	9.6	7.9	4.2	6.9	3.9	4.3	0.001	0.004	0.000	0.006
20:00:00	8.3	9.2	7.7	7.0	3.9	5.6	3.6	3.8	0.003	0.006	0.000	0.008
20:15:00	8.7	8.4	6.7	6.3	3.5	5.2	3.2	3.2	0.000	0.005	0.000	0.010
20:30:00	7.8	7.0	6.3	6.1	2.6	3.8	2.4	2.5	-0.007	0.000	0.000	0.004
20:45:00	9.5	6.8	5.8	5.1	2.5	3.3	2.1	2.3	-0.004	0.003	0.000	0.009
21:00:00	6.2	5.8	4.9	4.2	2.3	3.0	2.0	2.2	0.002	0.005	0.000	0.016
21:15:00	5.1	5.1	4.4	4.0	2.2	2.9	2.0	2.3	0.013	0.008	0.000	0.019
21:30:00	18.7	5.0	4.4	4.1	3.4	2.9	1.9	2.4	0.016	0.005	0.000	0.020
21:45:00	8.0	4.9	4.4	3.8	2.4	3.0	1.8	2.2	0.020	0.004	0.000	0.022
22:00:00	4.6	4.8	4.3	3.4	2.0	2.9	1.8	2.3	0.024	0.009	0.000	0.025
22:15:00	4.4	4.6	3.9	3.2	2.0	2.9	1.7	2.1	0.024	0.007	0.000	0.027
22:30:00	4.3	4.6	4.1	3.5	2.0	2.8	1.7	2.1	0.027	0.013	0.000	0.027
22:45:00	4.0	4.6	3.9	3.3	2.0	2.8	1.7	2.1	0.028	0.011	0.000	0.025
23:00:00	4.0	4.4	3.9	3.3	2.0	2.7	1.7	2.1	0.030	0.011	0.000	0.027
23:15:00	3.9	4.4	3.9	3.2	2.1	2.9	1.7	2.3	0.031	0.009	0.000	0.026
23:30:00	4.1	4.5	4.0	3.2	2.2	3.0	1.8	2.3	0.028	0.007	0.000	0.025
23:45:00	4.2	4.4	3.7	3.5	2.2	2.9	1.9	2.3	0.033	0.009	0.000	0.027



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Table 4 : Summary of Exceedances (greater than Action Level) - *None*