



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-06

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1120 Max : 22.48	2943 ESE	2995 NNE	2996 E	2997 NNW	Min : 70.34 Max : 99.86	Min : 53.70 Max : 96.50	Min : 29.87 Max : 30.15

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	8.3	41.3	2.8	8.4	-0.039	0.056
2995	5.8	12.8	2.5	5.4	0.006	0.059
2996	7.7	20.8	3.0	6.5	0.000	0.005
2997	12.1	36.5	3.4	8.8	0.002	0.030

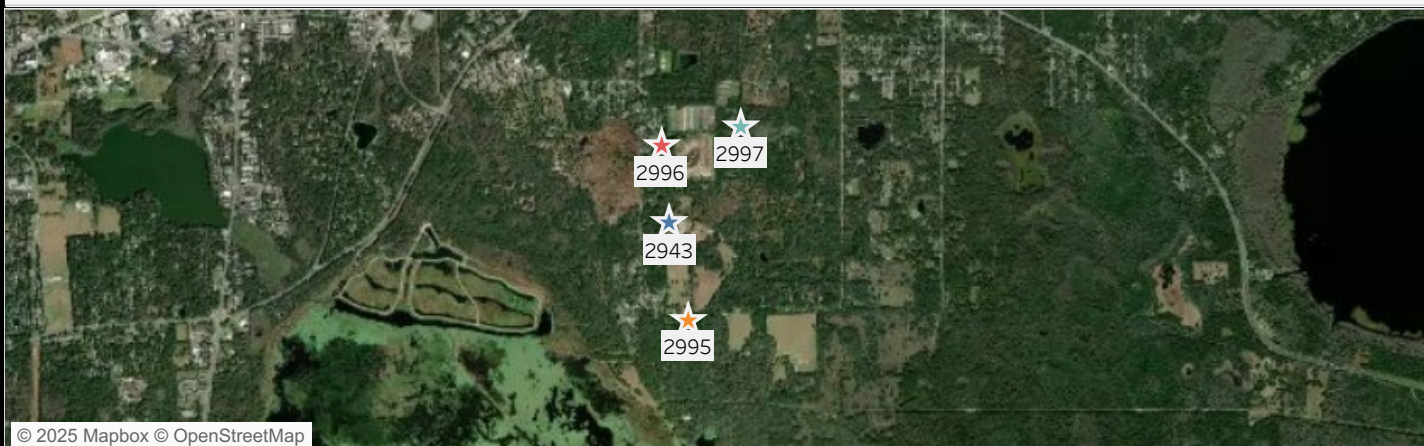


Figure 1 : Monitoring Locations

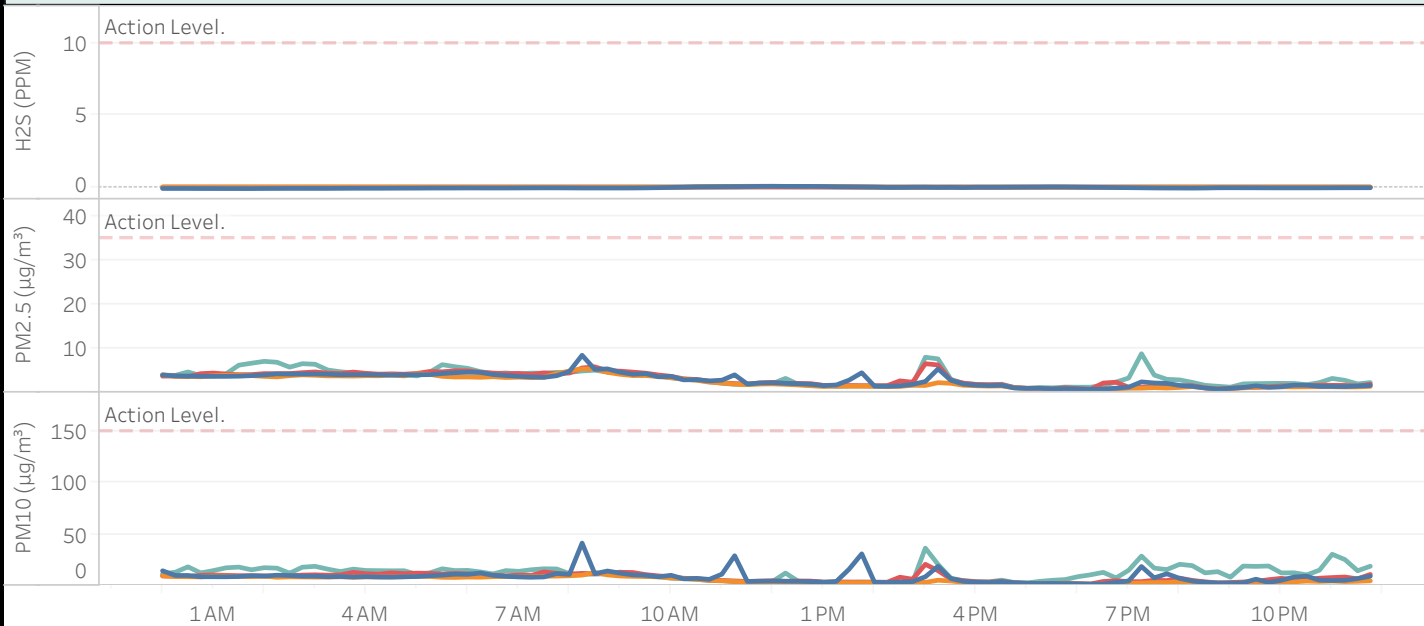


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2995 ■ 2996 ■ 2997



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Wind Rose Chart 2943

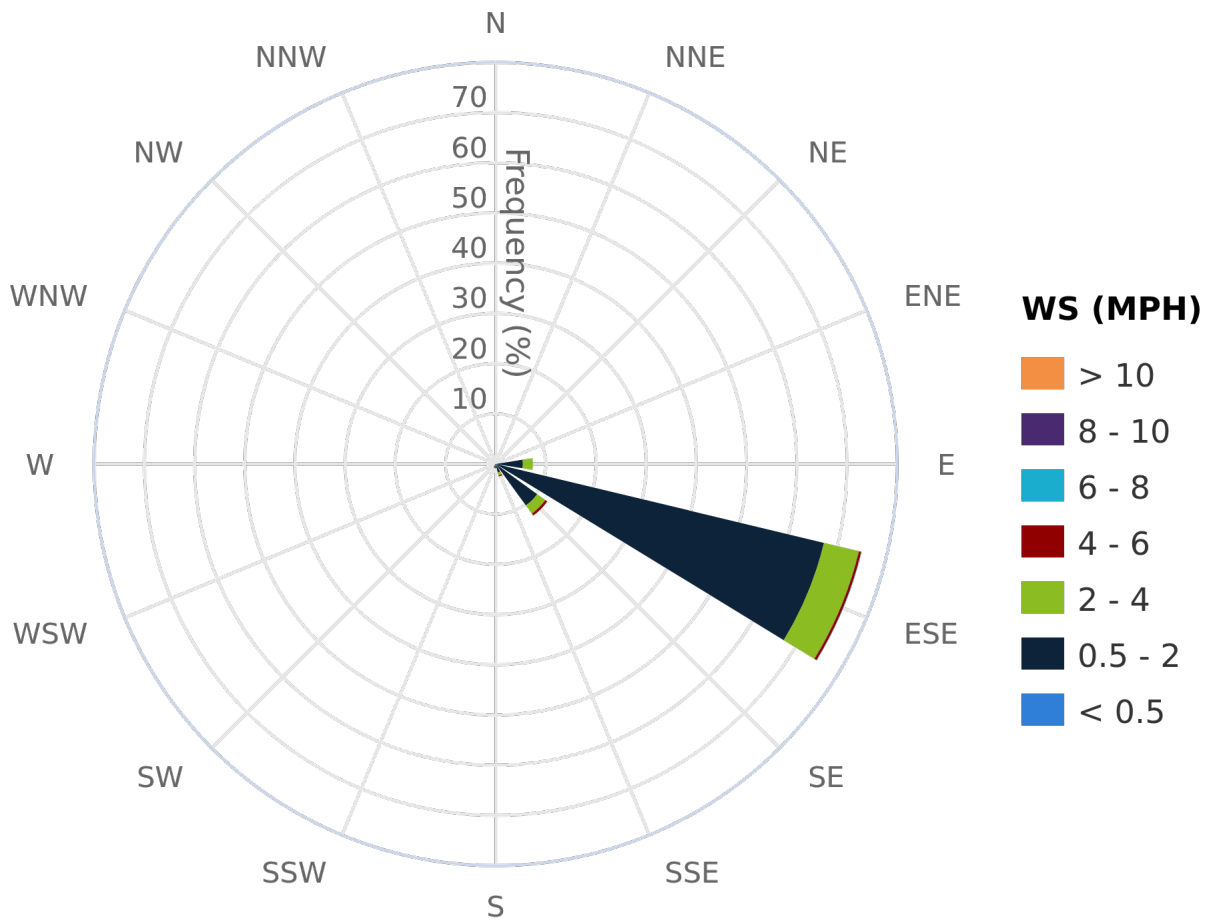


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

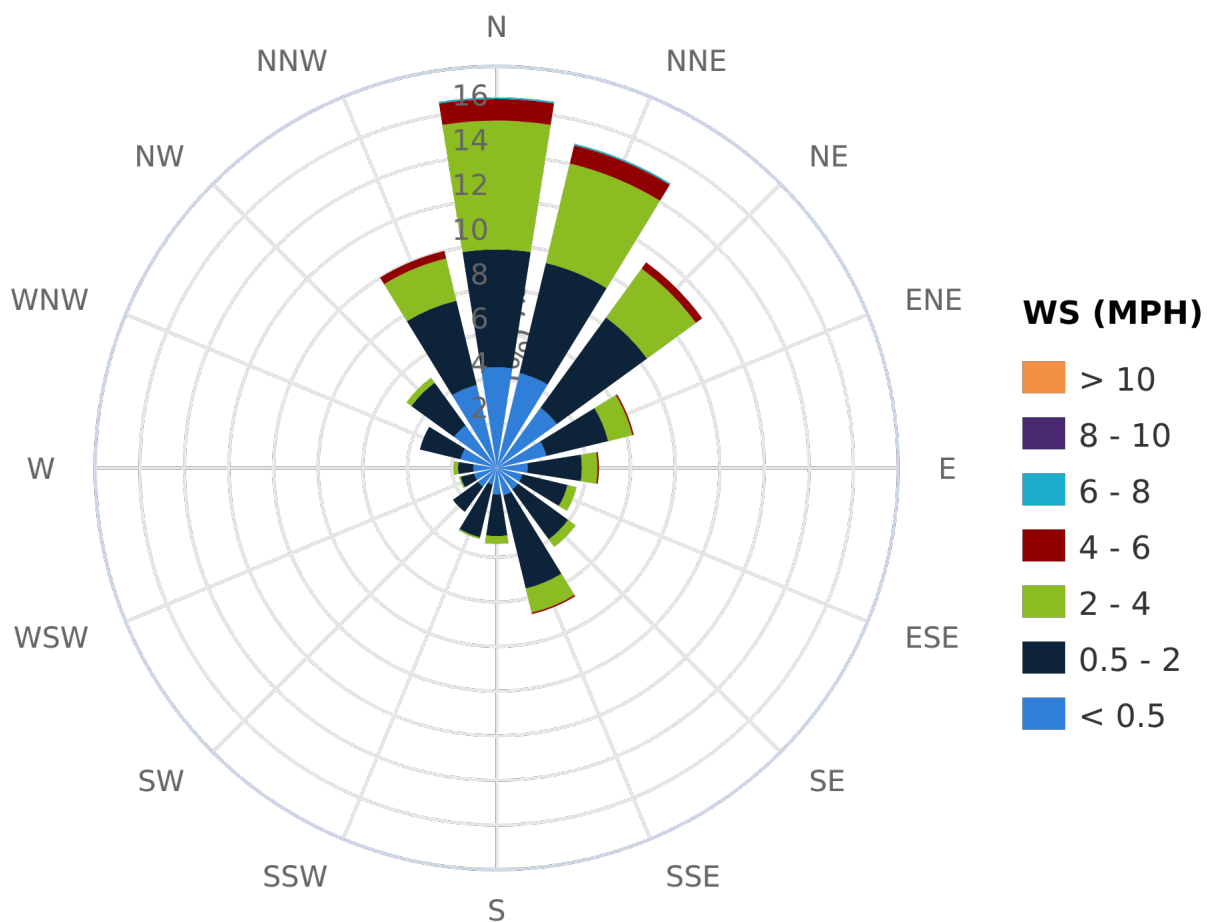


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

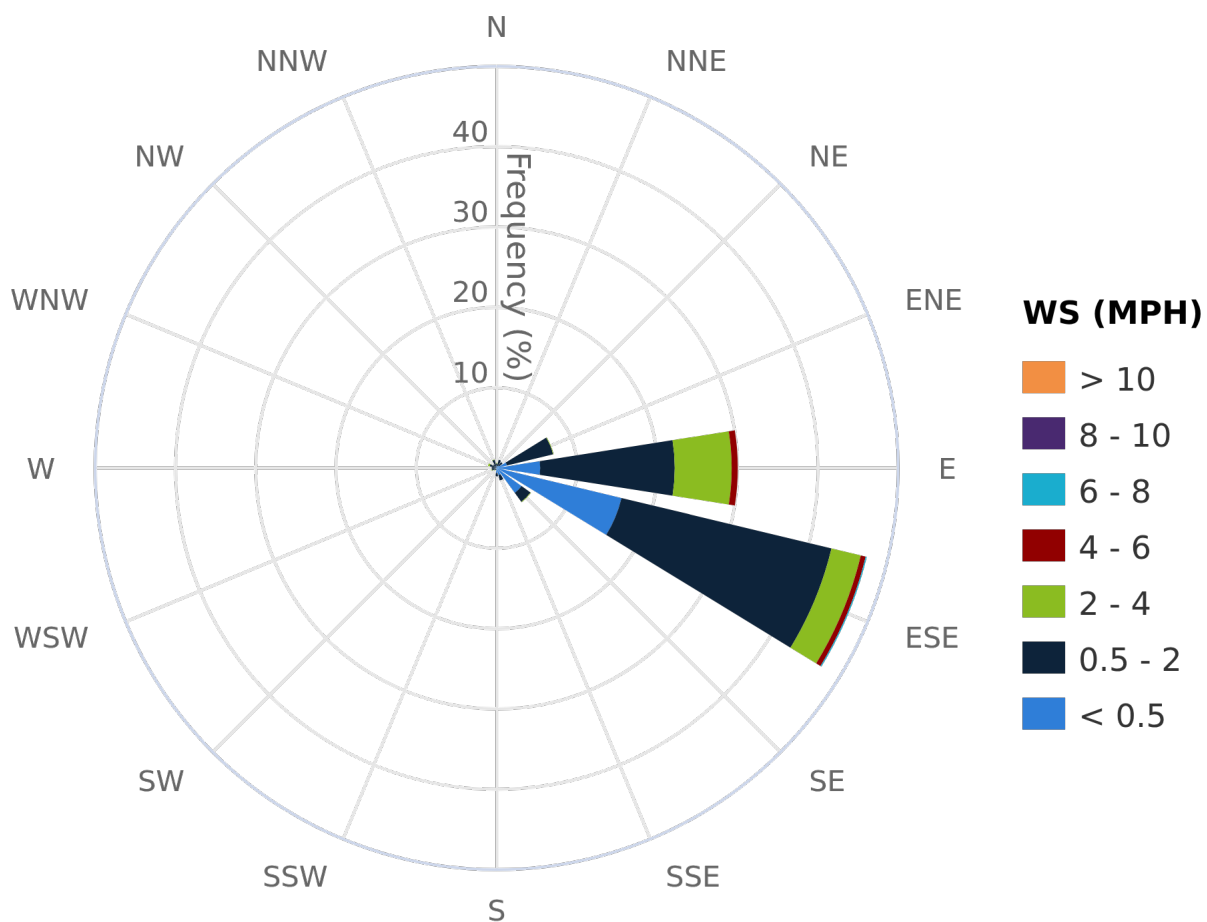


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

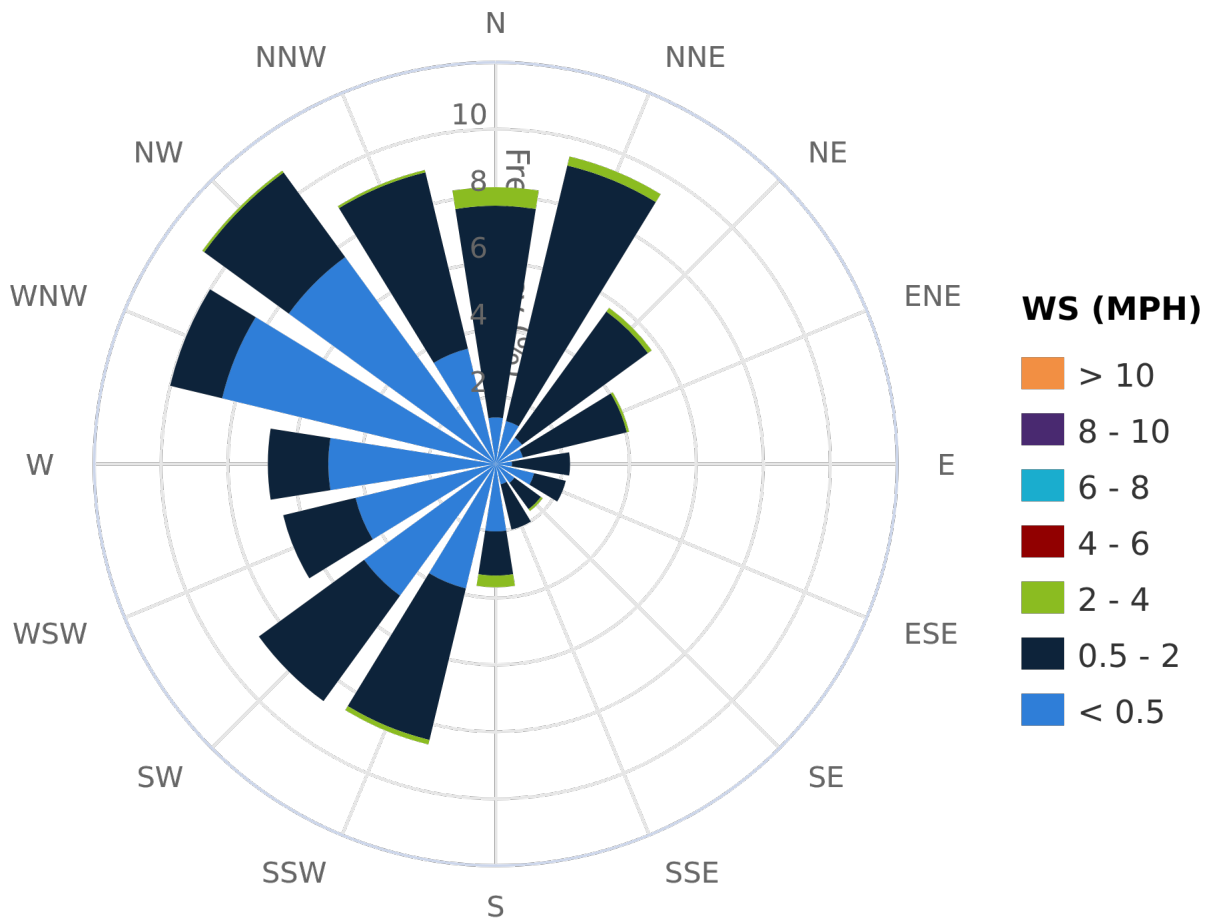


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2995 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2995 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2995 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	14.5	9.7	11.6	9.4	4.0	4.0	3.7	4.0	-0.095	0.000	0.000	0.000
00:15:00	10.0	8.9	13.1	9.2	3.8	3.7	3.8	3.9	-0.095	0.000	0.000	0.000
00:30:00	10.0	8.8	18.3	8.9	3.7	3.7	3.6	4.7	-0.095	0.000	0.000	0.000
00:45:00	8.7	8.6	12.4	10.1	3.7	3.6	4.3	3.8	-0.099	0.000	0.000	0.000
01:00:00	8.7	9.5	14.7	10.4	3.7	3.8	4.4	4.0	-0.100	0.000	0.000	0.000
01:15:00	8.7	9.4	17.4	10.1	3.7	3.9	4.2	4.2	-0.101	0.000	0.000	0.000
01:30:00	9.0	9.1	18.1	9.8	3.7	4.0	4.1	6.2	-0.102	0.000	0.000	0.000
01:45:00	9.8	8.8	15.5	9.7	3.8	3.8	4.1	6.7	-0.103	0.000	0.000	0.000
02:00:00	9.4	9.3	17.5	9.5	4.0	3.7	4.3	7.1	-0.097	0.000	0.000	0.000
02:15:00	10.2	8.2	17.1	8.9	4.2	3.6	4.3	6.9	-0.094	0.000	0.000	0.000
02:30:00	9.9	8.6	12.2	9.5	4.2	3.8	4.3	5.8	-0.091	0.000	0.000	0.000
02:45:00	9.3	8.5	18.0	10.4	4.2	4.0	4.5	6.5	-0.091	0.000	0.000	0.000
03:00:00	9.3	8.4	18.8	10.6	4.2	3.9	4.7	6.4	-0.092	0.000	0.000	0.000
03:15:00	8.7	8.4	16.1	10.2	4.2	3.8	4.4	5.1	-0.092	0.000	0.000	0.000
03:30:00	8.9	8.7	13.7	10.6	4.0	3.8	4.3	4.7	-0.086	0.000	0.000	0.000
03:45:00	8.4	8.3	16.1	13.0	4.1	3.7	4.6	4.4	-0.081	0.000	0.000	0.000
04:00:00	8.9	8.5	14.8	11.7	4.1	3.8	4.4	4.2	-0.079	0.000	0.000	0.000
04:15:00	8.5	8.5	14.6	11.2	4.0	3.8	4.2	4.0	-0.080	0.000	0.000	0.000
04:30:00	8.3	8.6	14.5	12.5	3.9	4.0	4.2	4.2	-0.077	0.000	0.000	0.000
04:45:00	8.8	8.6	14.6	11.8	4.0	3.8	4.2	4.1	-0.073	0.000	0.000	0.000
05:00:00	8.9	9.1	11.1	12.2	4.0	4.2	4.3	3.8	-0.072	0.000	0.000	0.000
05:15:00	9.7	9.0	12.4	12.1	4.1	4.1	4.8	4.6	-0.066	0.000	0.000	0.000
05:30:00	10.3	8.2	16.5	11.4	4.3	3.7	4.7	6.3	-0.066	0.000	0.000	0.000
05:45:00	11.2	8.1	14.7	11.9	4.5	3.5	4.9	5.9	-0.064	0.000	0.000	0.000
06:00:00	11.0	8.4	14.9	11.5	4.6	3.5	4.9	5.5	-0.060	0.000	0.000	0.000
06:15:00	12.4	8.3	13.4	10.4	4.6	3.5	4.6	4.7	-0.062	0.000	0.000	0.000
06:30:00	10.1	8.8	11.5	10.3	4.1	3.6	4.4	4.3	-0.063	0.000	0.000	0.000
06:45:00	9.1	9.0	14.7	9.7	3.9	3.4	4.3	4.5	-0.063	0.000	0.000	0.000
07:00:00	8.6	8.7	14.0	10.3	3.7	3.5	4.3	4.2	-0.060	0.000	0.000	0.000
07:15:00	8.3	8.7	15.5	10.0	3.6	3.4	4.1	4.4	-0.056	0.000	0.000	0.000
07:30:00	8.5	9.2	16.5	13.4	3.5	3.5	4.5	4.4	-0.053	0.000	0.000	0.000
07:45:00	11.9	9.4	16.3	12.0	3.8	4.3	4.3	4.6	-0.054	0.000	0.000	0.000
08:00:00	11.0	9.6	11.7	11.1	4.8	4.9	4.4	4.6	-0.058	0.000	0.000	0.000
08:15:00	41.3	10.3	11.1	12.0	8.4	5.4	5.6	4.9	-0.062	0.000	0.000	0.000
08:30:00	11.7	12.8	11.4	11.6	5.3	5.3	5.8	5.1	-0.063	0.000	0.000	0.000
08:45:00	14.3	10.5	11.9	11.7	5.4	4.6	4.9	4.7	-0.064	0.000	0.000	0.000
09:00:00	12.2	9.4	13.2	13.1	4.6	4.1	4.9	4.7	-0.064	0.000	0.000	0.000
09:15:00	10.5	9.1	11.7	12.9	4.1	3.8	4.6	4.3	-0.061	0.000	0.000	0.000
09:30:00	10.2	9.0	8.9	10.8	4.3	3.9	4.4	3.9	-0.053	0.000	0.000	0.000
09:45:00	8.7	8.6	8.9	9.6	3.6	3.6	4.0	3.8	-0.040	0.000	0.000	0.000
10:00:00	10.1	7.7	7.3	8.5	3.7	3.4	3.7	3.4	-0.021	0.000	0.000	0.000
10:15:00	6.7	6.9	7.0	7.3	2.9	3.1	3.1	3.0	-0.004	0.004	0.000	0.000
10:30:00	7.2	6.3	6.2	6.8	2.9	2.8	3.0	2.9	0.021	0.024	0.000	0.000
10:45:00	6.2	5.2	5.2	5.7	2.7	2.4	2.6	2.5	0.027	0.038	0.000	0.000
11:00:00	11.2	4.7	5.0	5.0	2.8	2.2	2.2	2.1	0.034	0.047	0.000	0.002
11:15:00	29.1	4.1	4.1	4.7	4.0	1.9	2.1	1.9	0.037	0.050	0.002	0.009
11:30:00	4.2	3.7	3.9	4.2	1.9	1.8	2.0	1.9	0.042	0.057	0.005	0.016
11:45:00	4.5	3.8	4.0	4.5	2.2	1.9	2.2	2.1	0.055	0.056	0.005	0.024



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12:00:00	4.6	4.0	4.3	4.8	2.2	2.0	2.3	2.1	0.056	0.059	0.002	0.030
12:15:00	4.4	3.8	12.3	4.3	2.1	1.9	2.1	3.2	0.050	0.053	0.002	0.028
12:30:00	4.3	3.5	4.4	4.6	2.0	1.7	2.1	1.9	0.052	0.049	0.001	0.025
12:45:00	4.0	3.3	4.3	4.5	1.9	1.6	2.0	1.8	0.049	0.043	0.000	0.027
13:00:00	3.4	2.7	3.5	3.5	1.6	1.4	1.6	1.6	0.042	0.034	0.000	0.022
13:15:00	4.2	3.0	3.0	3.7	1.7	1.5	1.7	1.4	0.028	0.032	0.000	0.011
13:30:00	16.0	3.0	3.2	3.7	2.8	1.5	1.6	1.5	0.021	0.023	0.000	0.009
13:45:00	30.9	3.1	3.5	3.5	4.5	1.5	1.6	1.5	0.013	0.016	0.000	0.002
14:00:00	3.4	3.0	3.5	3.4	1.5	1.4	1.6	1.5	0.002	0.006	0.000	0.000
14:15:00	3.2	2.8	3.3	3.4	1.4	1.3	1.6	1.5	-0.021	0.000	0.000	0.000
14:30:00	3.6	2.9	3.3	8.3	1.5	1.4	2.7	1.6	-0.022	0.000	0.000	0.000
14:45:00	4.1	3.4	3.6	6.3	1.9	1.7	2.4	1.7	-0.011	0.000	0.000	0.000
15:00:00	8.7	3.3	36.5	20.8	2.5	1.6	6.5	8.0	-0.008	0.000	0.000	0.000
15:15:00	18.9	5.4	20.7	14.6	5.4	2.3	6.3	7.6	-0.022	0.001	0.000	0.000
15:30:00	7.0	4.6	7.4	6.5	2.8	2.1	2.8	3.0	-0.016	0.003	0.000	0.002
15:45:00	4.3	3.3	4.8	4.9	1.9	1.7	2.2	2.1	-0.029	0.002	0.000	0.000
16:00:00	3.4	2.9	4.2	3.7	1.7	1.6	1.8	1.9	-0.009	0.000	0.000	0.000
16:15:00	3.1	2.7	3.8	3.6	1.6	1.5	1.8	1.7	-0.011	0.001	0.000	0.000
16:30:00	4.0	3.4	5.4	4.1	1.7	1.5	1.8	1.9	-0.010	0.006	0.000	0.000
16:45:00	2.9	2.5	3.2	2.9	1.1	1.1	1.2	1.1	-0.002	0.001	0.000	0.000
17:00:00	2.5	2.2	2.8	2.4	1.0	1.0	1.0	1.0	0.003	0.001	0.000	0.000
17:15:00	2.2	2.1	4.3	2.2	1.0	1.0	1.0	1.2	0.007	0.001	0.000	0.000
17:30:00	2.3	1.7	5.3	1.9	0.9	0.8	0.8	1.1	0.015	0.000	0.000	0.000
17:45:00	2.0	1.9	6.0	2.4	0.9	0.9	1.1	1.3	0.011	0.000	0.000	0.000
18:00:00	1.9	1.6	8.8	2.0	0.8	0.7	0.9	1.2	-0.002	0.000	0.000	0.000
18:15:00	1.6	1.5	10.6	1.8	0.7	0.7	0.8	1.2	-0.010	0.000	0.000	0.000
18:30:00	1.9	1.8	13.0	4.2	0.8	0.8	2.2	1.7	-0.019	0.000	0.000	0.000
18:45:00	3.2	2.2	7.5	5.0	1.0	0.9	2.4	2.4	-0.031	0.000	0.000	0.000
19:00:00	4.7	2.4	15.1	4.0	1.3	1.0	1.2	3.3	-0.040	0.000	0.000	0.000
19:15:00	18.7	2.7	28.8	4.0	2.4	1.0	1.2	8.8	-0.049	0.000	0.000	0.000
19:30:00	7.7	3.2	17.1	5.3	2.2	1.1	1.4	4.0	-0.060	0.000	0.000	0.000
19:45:00	11.6	3.1	15.7	5.0	2.1	1.0	1.4	3.0	-0.065	0.000	0.000	0.000
20:00:00	7.2	4.0	20.8	7.4	1.6	1.2	1.5	2.9	-0.067	0.000	0.000	0.000
20:15:00	4.6	4.1	19.5	5.2	1.4	1.4	1.6	2.3	-0.070	0.000	0.000	0.000
20:30:00	3.4	3.1	12.5	3.8	1.0	1.1	1.1	1.7	-0.062	0.000	0.000	0.000
20:45:00	2.8	2.4	13.7	2.7	0.8	0.8	0.8	1.4	-0.047	0.000	0.000	0.000
21:00:00	2.6	2.3	8.3	3.1	1.0	0.9	1.0	1.2	-0.044	0.000	0.000	0.000
21:15:00	2.8	2.7	19.1	3.7	1.2	1.1	1.2	2.0	-0.047	0.000	0.000	0.000
21:30:00	6.4	3.0	18.8	4.2	1.5	1.2	1.2	2.0	-0.049	0.000	0.000	0.000
21:45:00	3.3	3.2	19.1	5.9	1.2	1.3	1.3	2.1	-0.052	0.000	0.000	0.000
22:00:00	5.3	3.6	12.4	7.2	1.3	1.3	1.5	2.1	-0.054	0.000	0.000	0.000
22:15:00	8.5	3.8	12.6	5.9	1.7	1.3	1.6	2.1	-0.054	0.000	0.000	0.000
22:30:00	9.3	4.5	10.5	6.1	1.7	1.3	1.6	1.8	-0.054	0.000	0.000	0.000
22:45:00	5.4	4.2	15.1	7.3	1.4	1.3	1.7	2.3	-0.053	0.000	0.000	0.000
23:00:00	5.0	4.6	30.5	8.0	1.4	1.3	1.7	3.2	-0.049	0.000	0.000	0.000
23:15:00	5.3	4.1	25.4	8.5	1.4	1.3	1.6	2.8	-0.045	0.000	0.000	0.000
23:30:00	7.0	4.3	14.5	6.7	1.5	1.3	1.5	2.0	-0.045	0.000	0.000	0.000
23:45:00	9.2	4.8	18.9	11.0	1.6	1.4	1.9	2.3	-0.043	0.000	0.000	0.000



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