



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-24

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.02200 Max : 14.03	2943 SE	2995 SE	2996 NNW	2997 NNW	Min : 72.50 Max : 92.48	Min : 63.40 Max : 95.30	Min : 29.41 Max : 30.04

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	15.5	43.6	4.4	6.2	0.007	0.093
2995	13.0	35.6	3.7	12.6	0.012	0.066
2996	11.5	20.3	4.5	6.2	0.002	0.029
2997	16.1	40.8	4.5	6.5	0.008	0.039

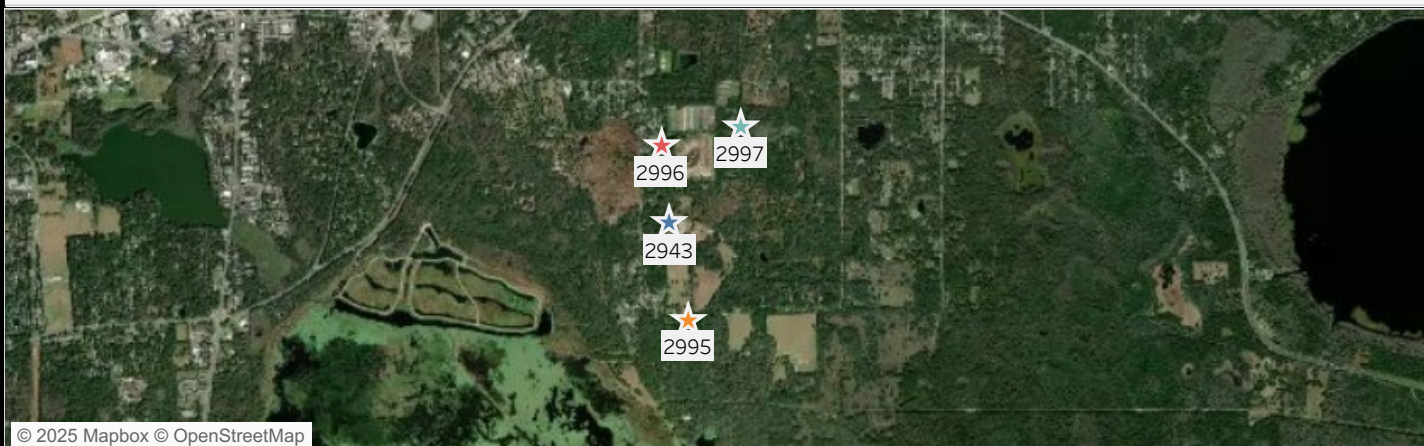


Figure 1 : Monitoring Locations

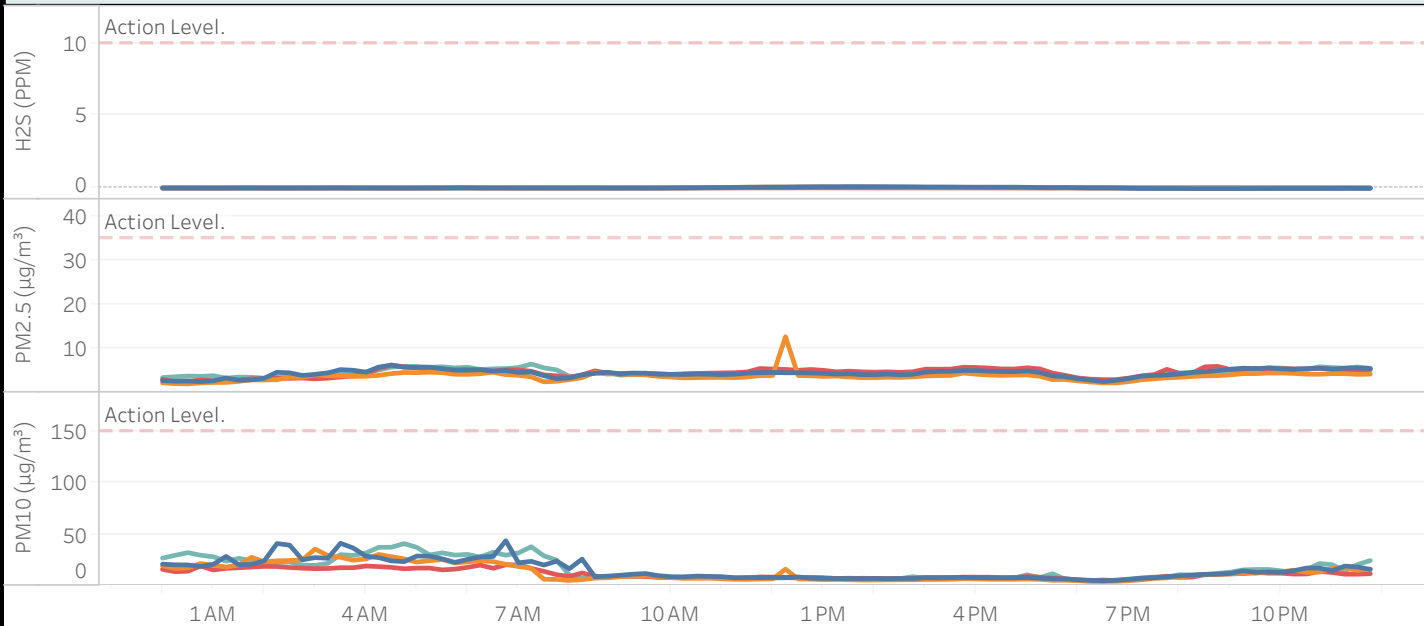


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2995 ■ 2996 ■ 2997



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Wind Rose Chart 2943

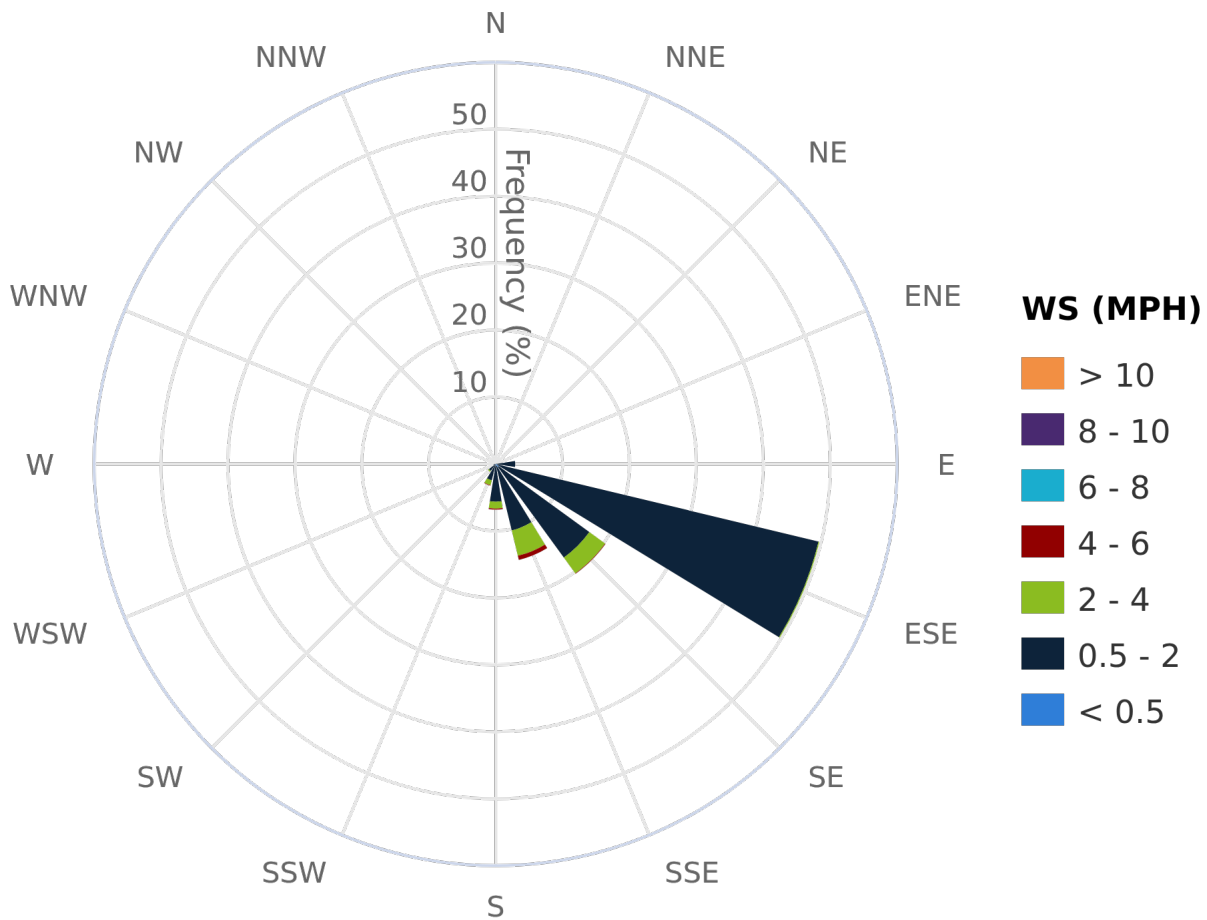


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

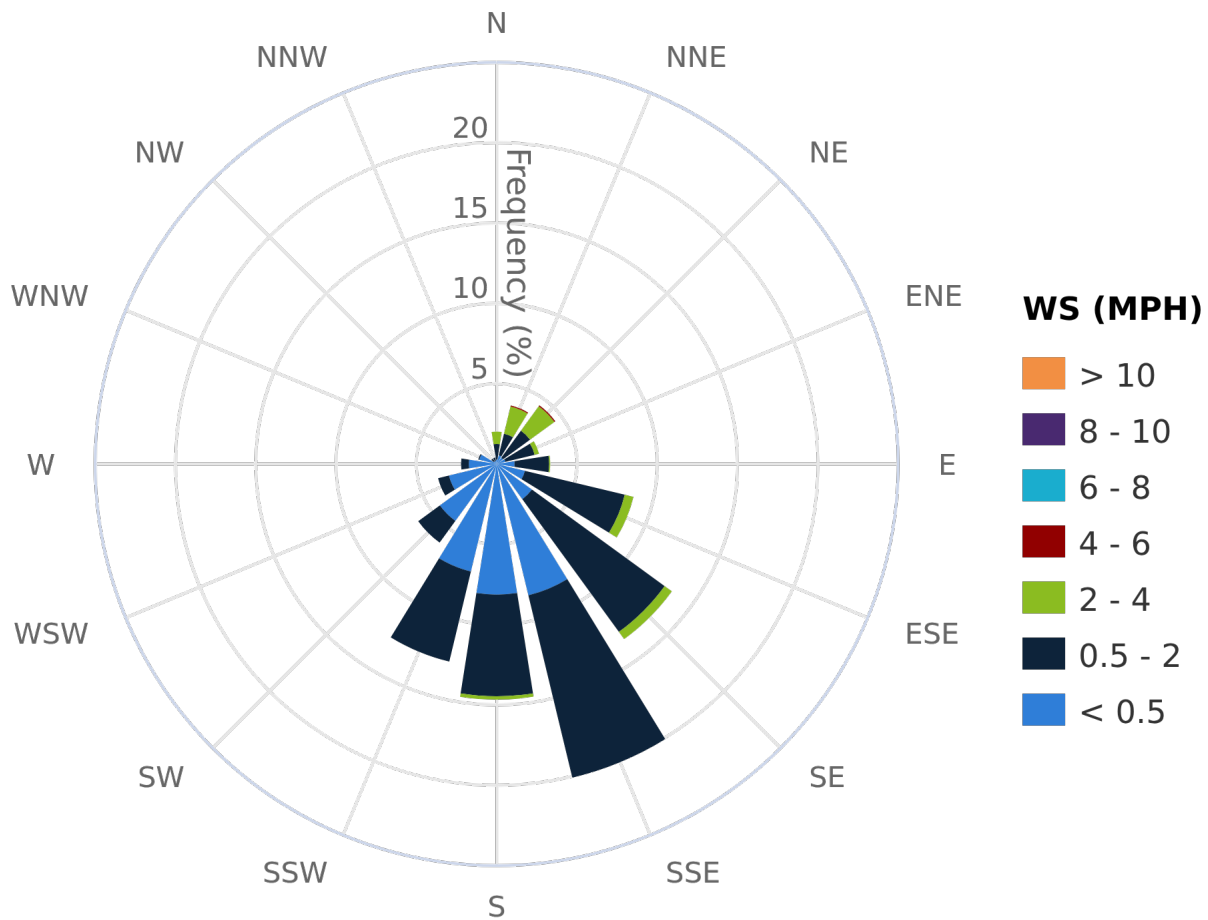


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

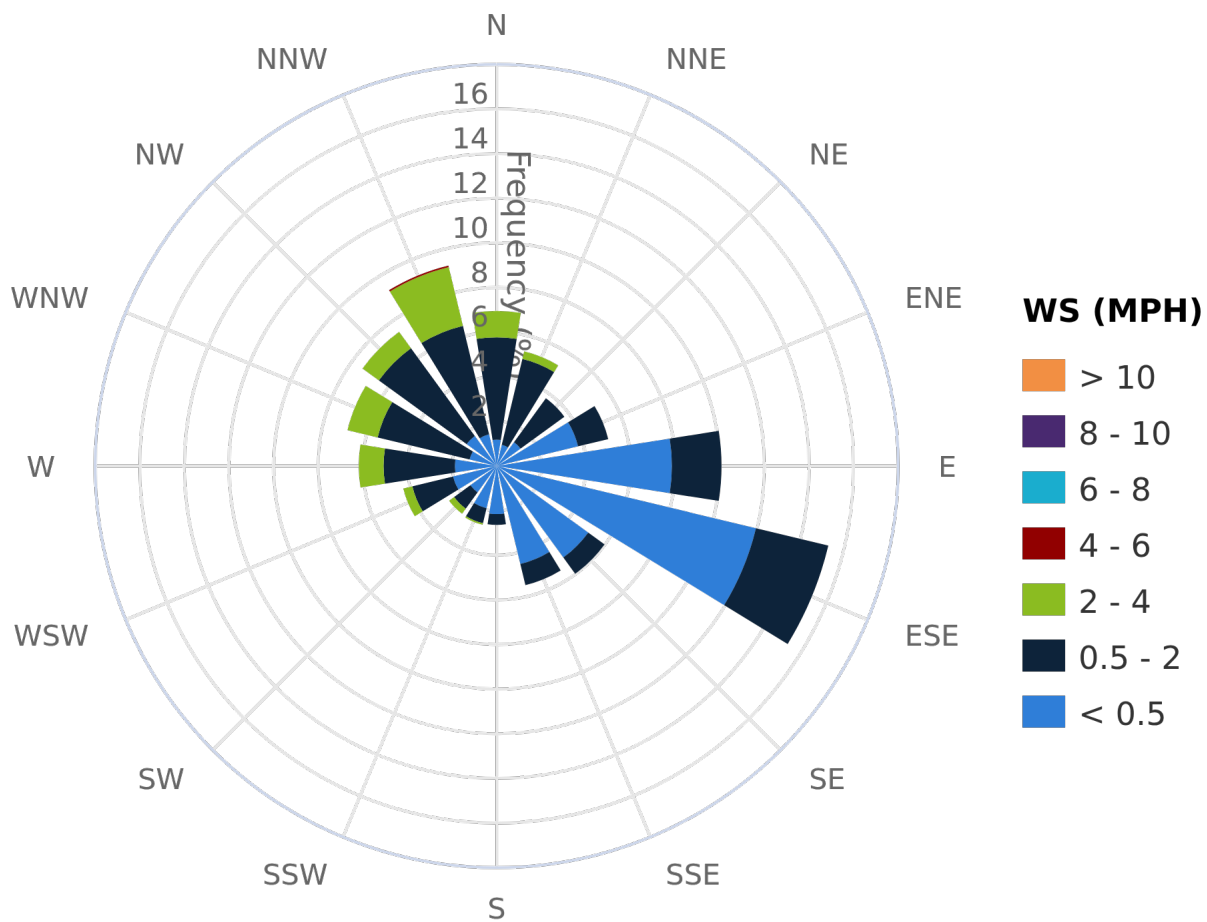


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

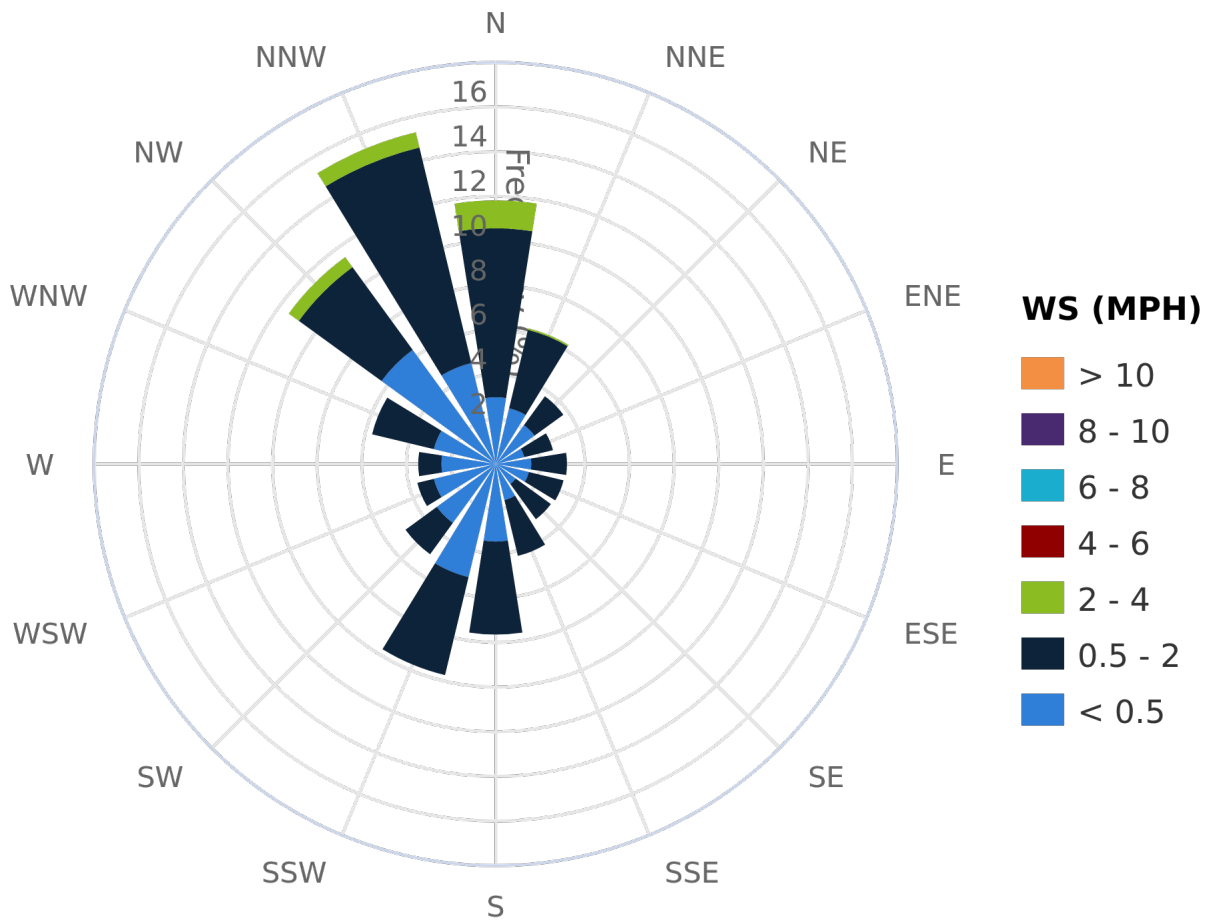


Figure 3 : Wind Rose Chart (WS in MPH)



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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	20.9	19.3	26.8	15.9	2.7	2.2	3.0	3.4	-0.015	0.000	0.000	0.000
00:15:00	20.3	16.8	29.5	13.6	2.6	2.0	2.5	3.6	-0.013	0.000	0.004	0.000
00:30:00	20.2	17.4	32.1	14.1	2.6	2.0	2.4	3.7	-0.013	0.000	0.000	0.000
00:45:00	18.7	21.5	29.6	19.1	2.5	2.2	2.9	3.7	-0.013	0.000	0.000	0.000
01:00:00	20.8	19.9	28.1	15.3	2.7	2.3	2.7	3.8	-0.014	0.000	0.000	0.000
01:15:00	28.4	18.1	23.9	16.9	3.3	2.3	2.8	3.3	-0.013	0.000	0.000	0.000
01:30:00	20.4	20.3	26.6	17.5	2.8	2.5	2.8	3.5	-0.010	0.000	0.008	0.000
01:45:00	20.7	27.6	24.3	18.1	2.9	2.9	3.1	3.5	-0.011	0.000	0.013	0.000
02:00:00	24.2	23.2	21.5	18.8	3.3	2.8	3.1	3.3	-0.010	0.000	0.002	0.000
02:15:00	40.9	24.1	22.6	18.6	4.6	2.9	3.2	3.5	-0.012	0.000	0.000	0.000
02:30:00	39.3	24.5	23.0	17.7	4.5	3.5	3.2	3.7	-0.010	0.000	0.000	0.000
02:45:00	25.1	25.1	20.0	17.0	3.9	3.5	3.3	3.6	-0.009	0.000	0.001	0.000
03:00:00	27.3	35.6	19.7	16.5	4.1	4.0	3.1	3.7	-0.010	0.000	0.001	0.000
03:15:00	26.6	29.3	21.7	16.7	4.5	3.8	3.3	3.7	-0.007	0.000	0.005	0.000
03:30:00	41.2	27.6	30.2	17.4	5.2	3.8	3.5	4.4	-0.007	0.000	0.011	0.000
03:45:00	36.6	24.8	29.4	17.5	5.1	3.7	3.8	4.4	-0.008	0.000	0.001	0.000
04:00:00	28.6	26.0	31.7	19.1	4.6	3.7	4.1	4.6	-0.009	0.000	0.000	0.000
04:15:00	27.3	30.3	37.2	18.6	5.8	3.9	5.5	5.1	-0.010	0.000	0.000	0.000
04:30:00	24.1	28.2	37.3	17.8	6.2	4.3	6.2	5.8	-0.013	0.000	0.000	0.000
04:45:00	23.4	26.0	40.8	16.5	5.7	4.6	5.9	6.0	-0.013	0.000	0.000	0.000
05:00:00	28.8	22.9	37.2	17.1	5.7	4.5	5.6	5.9	-0.012	0.000	0.003	0.000
05:15:00	28.6	24.3	29.8	17.1	5.8	4.6	5.3	5.7	-0.006	0.000	0.004	0.000
05:30:00	26.1	25.4	31.9	15.4	5.4	4.5	5.0	5.8	-0.006	0.000	0.005	0.000
05:45:00	22.7	22.1	29.7	16.1	5.1	4.2	5.1	5.6	-0.006	0.000	0.029	0.000
06:00:00	25.6	23.1	30.4	17.9	5.1	4.1	5.2	5.7	-0.005	0.000	0.024	0.000
06:15:00	27.9	24.5	27.8	20.0	5.2	4.3	5.1	5.2	-0.004	0.000	0.001	0.000
06:30:00	28.3	23.4	32.5	16.9	4.9	4.6	4.8	5.4	-0.005	0.000	0.006	0.000
06:45:00	43.6	20.8	29.6	20.3	5.0	4.1	5.2	5.4	-0.005	0.000	0.005	0.000
07:00:00	22.2	18.6	31.8	20.2	4.6	3.9	5.1	5.7	-0.006	0.000	0.002	0.000
07:15:00	23.6	17.0	37.8	16.8	4.7	3.6	4.8	6.5	-0.007	0.000	0.005	0.000
07:30:00	20.1	6.4	28.9	13.9	3.8	2.4	4.0	5.6	-0.006	0.000	0.001	0.000
07:45:00	23.8	6.1	24.9	10.7	3.2	2.6	3.8	5.1	-0.006	0.000	0.000	0.000
08:00:00	16.5	5.2	10.3	9.0	3.3	2.9	3.5	3.7	-0.007	0.000	0.000	0.000
08:15:00	25.8	5.9	7.2	12.4	4.0	3.4	4.0	3.7	-0.006	0.000	0.000	0.000
08:30:00	8.8	7.4	8.1	9.5	4.4	4.6	4.9	4.5	-0.006	0.000	0.000	0.000
08:45:00	9.3	7.8	8.7	8.2	4.6	4.2	4.4	4.5	-0.010	0.000	0.000	0.000
09:00:00	10.2	8.9	8.7	9.3	4.3	4.3	4.2	3.9	-0.010	0.000	0.000	0.000
09:15:00	11.2	9.2	9.0	9.6	4.4	4.1	4.3	4.1	-0.009	0.000	0.000	0.000
09:30:00	11.8	9.7	9.5	8.9	4.4	4.0	4.3	4.4	-0.010	0.000	0.000	0.000
09:45:00	9.8	8.7	7.9	8.4	4.2	3.7	4.3	4.1	-0.007	0.000	0.000	0.000
10:00:00	8.8	7.8	8.0	8.0	4.1	3.5	4.1	4.0	0.001	0.004	0.000	0.000
10:15:00	8.6	7.2	8.4	8.1	4.1	3.3	4.2	4.2	0.006	0.007	0.000	0.003
10:30:00	9.4	7.2	8.8	8.6	4.2	3.4	4.3	4.2	0.015	0.018	0.000	0.004
10:45:00	9.1	7.3	8.4	8.7	4.2	3.4	4.4	4.1	0.020	0.026	0.000	0.008
11:00:00	8.7	6.7	7.8	8.3	4.1	3.4	4.5	4.1	0.027	0.037	0.001	0.013
11:15:00	7.8	6.3	6.9	7.5	4.2	3.4	4.5	4.1	0.037	0.043	0.001	0.016
11:30:00	8.0	6.1	7.2	7.3	4.4	3.5	4.7	4.4	0.048	0.049	0.004	0.026
11:45:00	7.9	6.5	7.4	8.6	4.5	3.8	5.5	4.5	0.054	0.055	0.004	0.032



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12:00:00	8.1	6.6	7.5	8.4	4.6	3.9	5.3	4.5	0.059	0.059	0.004	0.035
12:15:00	8.0	16.1	7.7	8.2	4.5	12.6	5.2	4.6	0.057	0.066	0.004	0.038
12:30:00	8.5	6.6	7.6	7.8	4.5	3.9	5.0	4.6	0.073	0.065	0.006	0.039
12:45:00	7.3	6.4	7.9	8.1	4.5	3.8	5.2	4.7	0.079	0.065	0.007	0.036
13:00:00	7.3	5.9	7.4	7.7	4.4	3.7	5.0	4.6	0.087	0.062	0.007	0.036
13:15:00	7.0	6.1	7.0	7.1	4.2	3.7	4.7	4.5	0.085	0.057	0.007	0.037
13:30:00	7.1	5.8	6.7	7.3	4.2	3.6	4.9	4.2	0.093	0.059	0.005	0.036
13:45:00	6.9	5.5	7.3	7.1	4.1	3.4	4.7	4.2	0.089	0.057	0.006	0.033
14:00:00	7.1	5.5	7.1	7.1	4.0	3.4	4.6	4.2	0.089	0.057	0.003	0.037
14:15:00	6.8	5.8	6.6	7.1	4.2	3.5	4.7	4.2	0.085	0.050	0.002	0.036
14:30:00	7.1	5.8	6.9	6.9	4.0	3.5	4.6	4.2	0.083	0.045	0.002	0.034
14:45:00	7.0	5.8	8.8	7.2	4.1	3.6	4.7	4.5	0.079	0.040	0.002	0.029
15:00:00	7.8	6.1	7.1	8.0	4.6	3.8	5.3	4.4	0.069	0.037	0.002	0.028
15:15:00	7.7	6.1	7.8	7.8	4.8	3.9	5.3	4.7	0.067	0.029	0.000	0.025
15:30:00	7.9	6.2	7.6	7.9	4.8	3.9	5.3	4.8	0.064	0.029	0.000	0.019
15:45:00	8.1	6.8	8.0	8.4	5.0	4.4	5.7	5.0	0.057	0.026	0.000	0.022
16:00:00	7.9	6.6	7.7	8.3	5.0	4.2	5.7	5.2	0.053	0.025	0.000	0.016
16:15:00	7.8	6.3	7.7	8.3	4.9	4.0	5.6	5.0	0.055	0.026	0.000	0.016
16:30:00	7.8	6.2	7.6	7.7	4.8	3.9	5.4	4.9	0.053	0.019	0.000	0.018
16:45:00	7.7	6.3	7.5	8.0	4.7	4.0	5.3	4.9	0.054	0.015	0.000	0.018
17:00:00	8.1	6.5	10.6	9.0	4.9	4.0	5.6	5.2	0.042	0.014	0.000	0.013
17:15:00	7.3	6.3	7.9	8.4	4.5	3.7	5.4	4.9	0.029	0.013	0.000	0.005
17:30:00	6.8	5.3	11.7	7.2	3.8	2.9	4.4	4.4	0.024	0.010	0.000	0.004
17:45:00	6.6	5.3	6.4	6.8	3.6	3.0	3.9	3.6	0.029	0.019	0.000	0.009
18:00:00	5.9	4.9	5.5	5.6	3.1	2.6	3.3	3.1	0.015	0.010	0.000	0.007
18:15:00	5.2	4.2	5.3	5.0	2.8	2.4	3.0	2.9	0.003	0.002	0.000	0.004
18:30:00	4.9	4.2	4.6	5.6	2.5	2.2	2.9	2.4	0.005	0.000	0.000	0.006
18:45:00	5.2	4.3	5.6	4.9	2.8	2.2	2.9	2.8	-0.002	0.000	0.000	0.004
19:00:00	6.1	4.9	6.5	5.8	3.2	2.5	3.3	3.2	-0.018	0.000	0.000	0.000
19:15:00	7.2	5.9	7.7	7.1	3.7	2.9	3.8	3.6	-0.031	0.000	0.000	0.000
19:30:00	7.8	7.1	8.4	8.0	3.9	3.1	4.1	3.9	-0.034	0.000	0.000	0.000
19:45:00	8.6	7.7	8.6	9.3	4.0	3.3	5.3	4.1	-0.037	0.000	0.000	0.000
20:00:00	9.6	8.6	10.7	8.1	4.2	3.5	4.3	4.5	-0.040	0.000	0.000	0.000
20:15:00	10.3	10.0	10.4	8.4	4.5	3.7	4.4	4.6	-0.043	0.000	0.000	0.000
20:30:00	11.1	10.9	10.9	10.8	4.7	3.8	5.8	4.7	-0.045	0.000	0.000	0.000
20:45:00	11.2	11.0	12.0	11.2	5.0	3.8	5.9	4.8	-0.043	0.000	0.000	0.000
21:00:00	12.0	11.5	13.2	11.5	5.3	4.0	5.2	4.8	-0.044	0.000	0.000	0.000
21:15:00	14.4	12.2	15.4	11.8	5.5	4.3	5.2	5.4	-0.041	0.000	0.000	0.000
21:30:00	13.0	12.1	15.8	13.0	5.4	4.3	5.5	5.2	-0.040	0.000	0.000	0.000
21:45:00	13.4	13.4	15.8	12.2	5.6	4.4	5.2	5.6	-0.039	0.000	0.000	0.000
22:00:00	13.1	13.4	14.4	12.2	5.4	4.4	5.3	5.6	-0.036	0.000	0.000	0.000
22:15:00	14.6	15.1	12.4	11.3	5.3	4.3	5.4	5.4	-0.035	0.000	0.000	0.000
22:30:00	17.2	13.0	15.5	11.4	5.4	4.2	5.3	5.3	-0.034	0.000	0.000	0.000
22:45:00	17.1	13.2	21.6	13.9	5.5	4.2	5.5	5.8	-0.034	0.000	0.000	0.000
23:00:00	14.6	16.8	20.4	12.9	5.3	4.3	5.3	5.7	-0.032	0.000	0.000	0.000
23:15:00	19.1	17.3	14.3	11.2	5.5	4.3	5.1	5.5	-0.028	0.000	0.000	0.000
23:30:00	18.2	14.9	20.5	11.2	5.6	4.1	5.1	5.8	-0.029	0.000	0.000	0.000
23:45:00	15.8	16.3	24.4	11.7	5.5	4.2	5.2	5.5	-0.029	0.000	0.000	0.000



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