



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-07-30

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.05000 Max : 10.96	2943 SE	2995 E	2996 NE	2997 W	Min : 75.02 Max : 103.8	Min : 53.10 Max : 95.00	Min : 29.93 Max : 30.11

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	46.2	6.7	11.1	0.002	0.098
2995	12.3	16.0	5.5	7.4	0.008	0.075
2996	14.6	30.9	7.1	11.2	0.002	0.015
2997	17.7	34.3	6.9	9.7	0.004	0.045

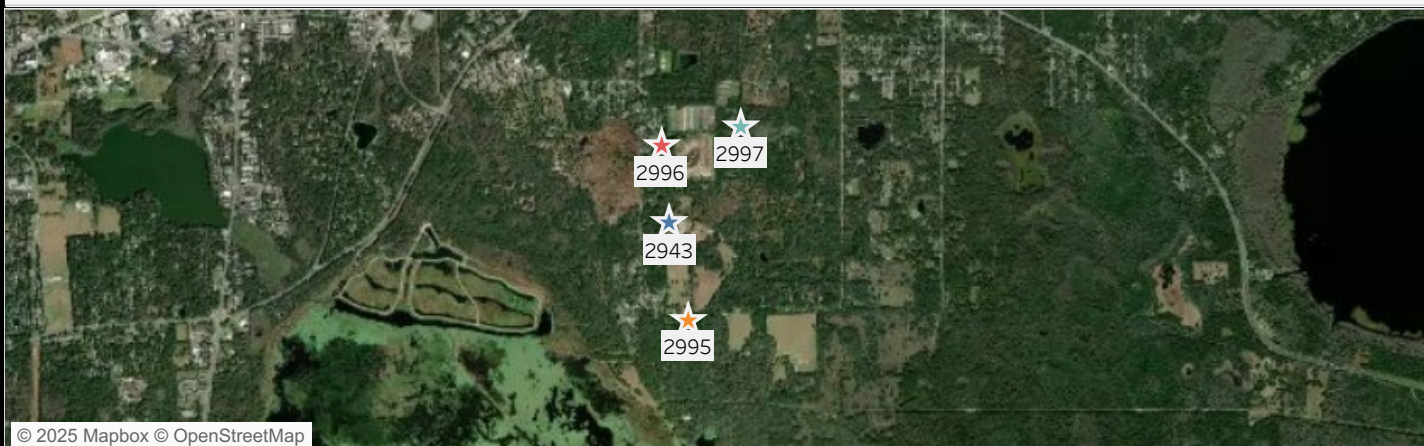


Figure 1 : Monitoring Locations

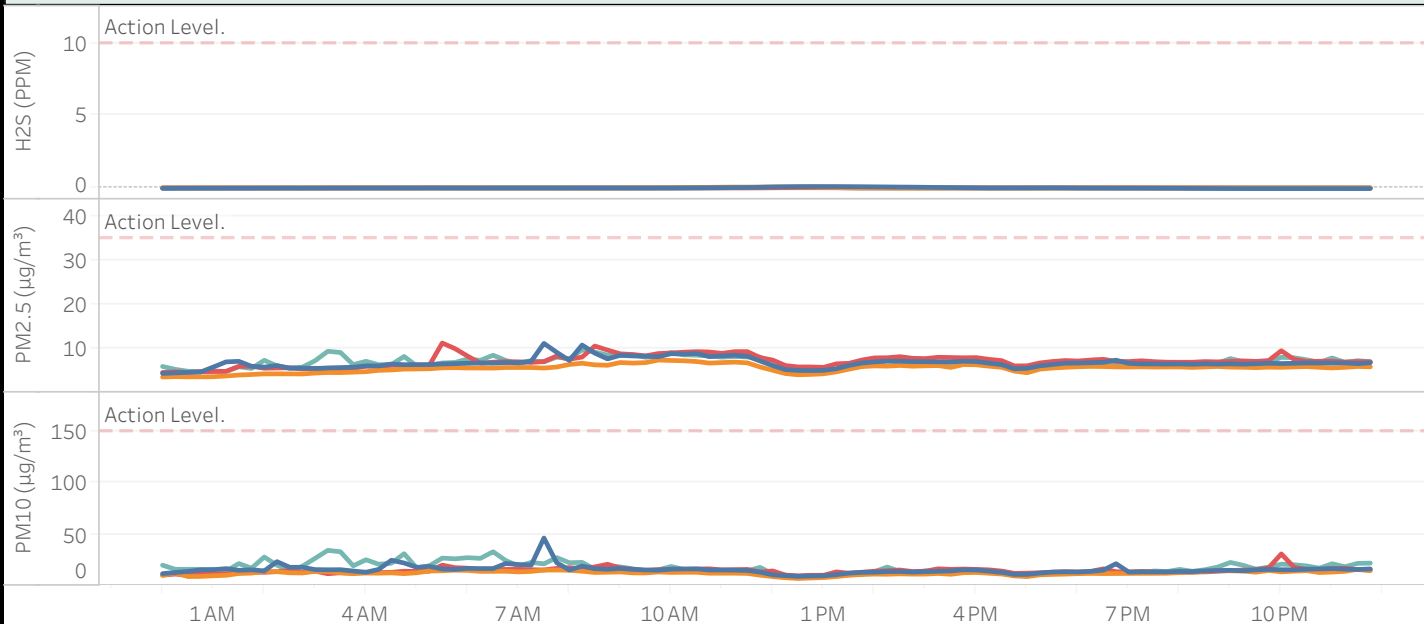


Figure 2 : 15 Minutes Average Concentrations

2943 2995 2996 2997



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Wind Rose Chart 2943

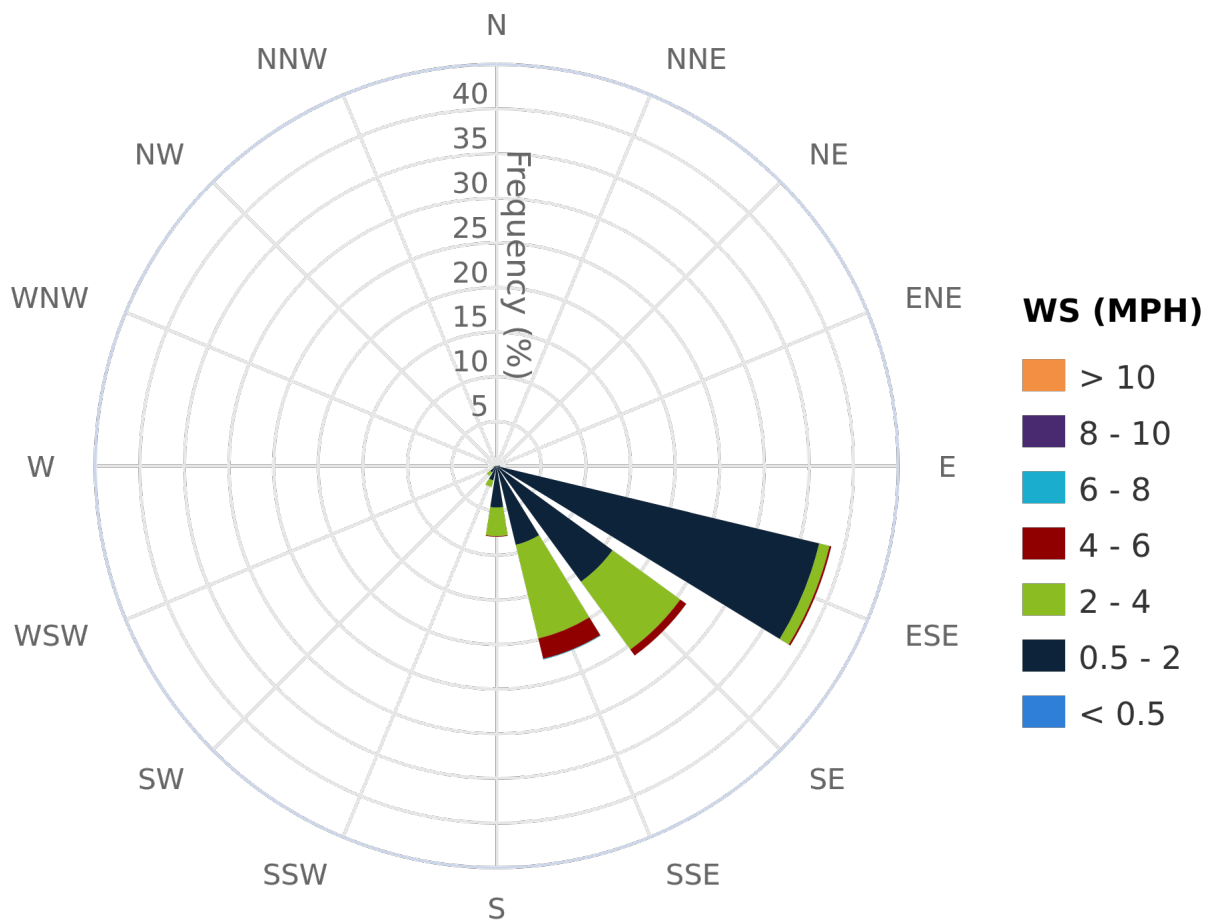


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

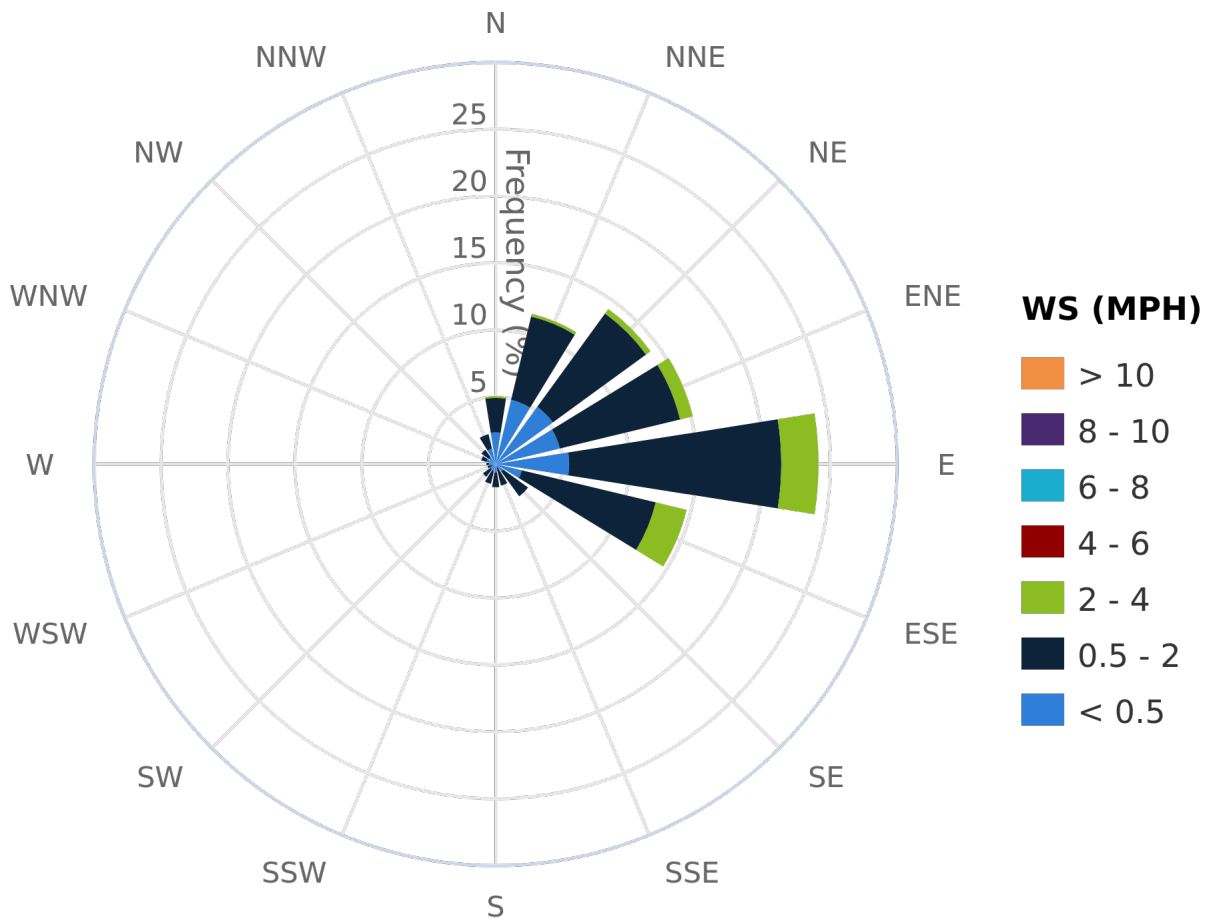


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

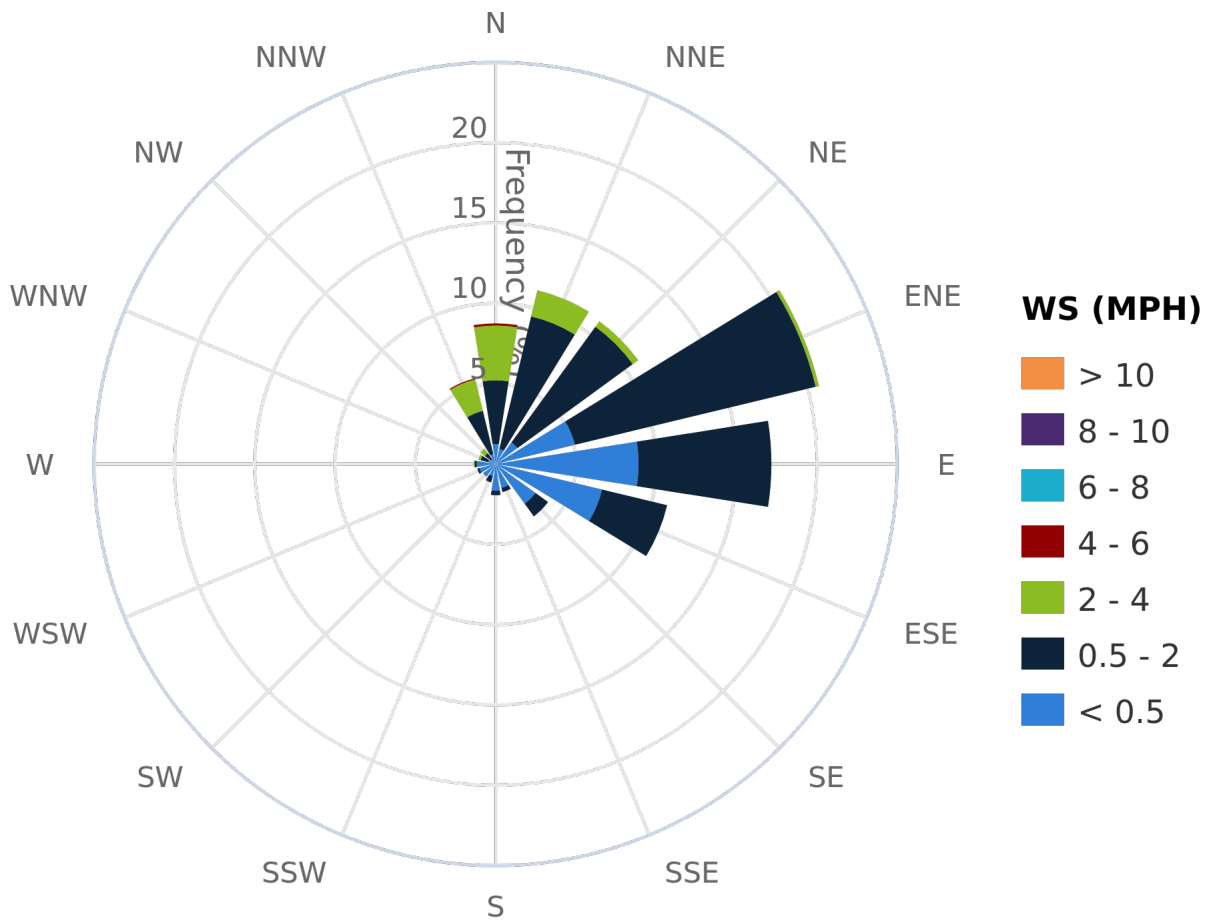


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

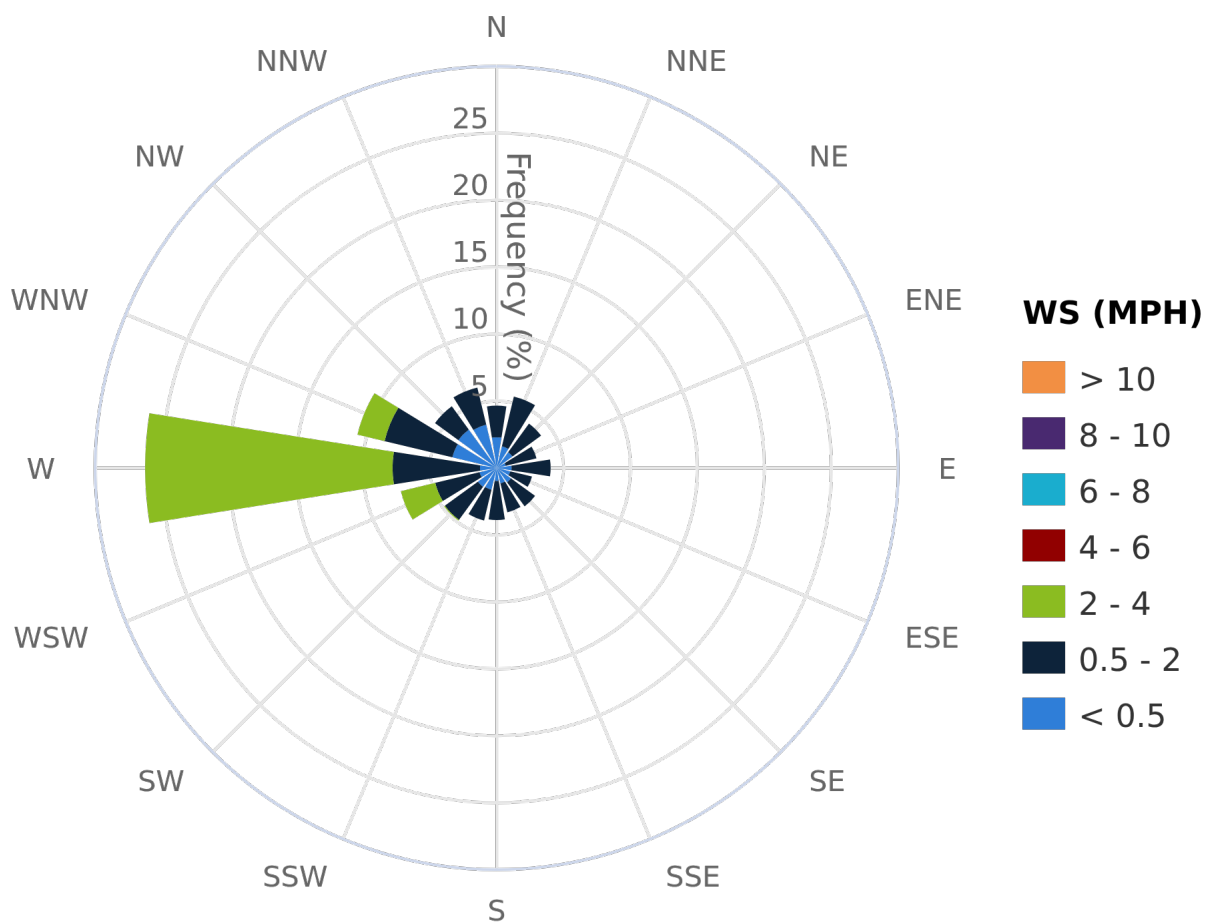


Figure 3 : Wind Rose Chart (WS in MPH)



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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	11.7	10.0	19.9	10.3	4.3	3.5	4.6	5.9	-0.028	0.000	0.000	0.000
00:15:00	12.9	12.5	16.0	11.3	4.5	3.6	4.7	5.3	-0.025	0.000	0.000	0.000
00:30:00	13.9	8.9	15.8	10.1	4.6	3.6	4.6	4.8	-0.022	0.000	0.000	0.000
00:45:00	15.4	9.1	15.9	12.3	4.7	3.6	4.7	4.7	-0.021	0.000	0.000	0.000
01:00:00	15.6	9.6	15.7	11.6	5.8	3.6	4.8	4.9	-0.019	0.000	0.000	0.000
01:15:00	16.6	10.1	14.2	11.5	7.0	3.8	4.8	4.8	-0.017	0.000	0.000	0.000
01:30:00	15.0	11.9	21.5	12.9	7.1	4.0	5.9	5.9	-0.017	0.000	0.000	0.000
01:45:00	15.5	12.3	17.0	13.2	6.0	4.1	6.0	5.5	-0.017	0.000	0.000	0.000
02:00:00	14.4	13.9	27.8	13.0	5.8	4.2	5.5	7.3	-0.013	0.000	0.000	0.000
02:15:00	23.3	13.6	20.0	13.7	6.1	4.2	5.6	6.0	-0.013	0.000	0.000	0.000
02:30:00	17.9	12.6	14.5	14.5	5.5	4.2	5.6	5.6	-0.013	0.000	0.000	0.000
02:45:00	17.9	12.4	18.9	13.1	5.6	4.2	5.3	5.8	-0.013	0.000	0.000	0.000
03:00:00	15.7	14.0	26.6	14.2	5.4	4.4	5.5	7.2	-0.012	0.000	0.000	0.000
03:15:00	15.5	13.8	34.3	11.7	5.6	4.5	5.3	9.3	-0.008	0.000	0.000	0.000
03:30:00	15.6	12.5	32.9	12.6	5.7	4.5	5.4	9.1	-0.007	0.000	0.000	0.000
03:45:00	14.3	11.9	19.3	12.1	5.7	4.6	5.5	6.3	-0.006	0.000	0.000	0.000
04:00:00	13.1	12.3	25.2	12.9	6.1	4.7	6.0	7.1	-0.005	0.000	0.000	0.000
04:15:00	15.8	12.2	20.9	12.8	6.0	5.0	5.9	6.3	-0.006	0.000	0.000	0.000
04:30:00	24.7	12.5	21.8	13.0	6.5	5.1	6.2	6.3	-0.005	0.000	0.000	0.000
04:45:00	22.1	11.7	31.1	14.1	6.3	5.3	6.2	8.2	-0.005	0.000	0.000	0.000
05:00:00	17.9	12.6	17.2	13.8	6.3	5.4	6.2	6.0	-0.004	0.000	0.000	0.000
05:15:00	18.8	14.3	19.4	14.1	6.3	5.4	6.2	6.2	-0.003	0.000	0.007	0.000
05:30:00	16.2	14.5	26.8	20.0	6.5	5.6	11.2	6.7	-0.003	0.000	0.003	0.000
05:45:00	15.8	15.1	26.1	17.5	6.6	5.6	10.0	6.8	-0.005	0.000	0.002	0.000
06:00:00	16.8	14.9	27.2	17.0	6.6	5.6	8.2	7.6	-0.006	0.000	0.000	0.000
06:15:00	16.7	14.0	26.5	15.4	6.7	5.6	6.6	7.3	-0.006	0.000	0.000	0.000
06:30:00	16.7	14.0	32.9	15.4	6.7	5.5	6.9	8.5	-0.004	0.000	0.000	0.000
06:45:00	21.6	14.1	24.4	15.8	6.8	5.7	7.0	7.3	-0.004	0.000	0.000	0.000
07:00:00	20.6	13.4	19.1	15.9	6.8	5.7	7.0	6.5	-0.004	0.000	0.000	0.000
07:15:00	20.0	13.9	22.6	15.6	7.1	5.7	6.8	7.2	-0.003	0.000	0.000	0.000
07:30:00	46.2	15.2	21.2	15.3	11.1	5.6	7.0	6.9	-0.003	0.000	0.000	0.000
07:45:00	22.3	15.3	27.3	16.8	9.1	5.8	8.3	8.0	-0.005	0.000	0.000	0.000
08:00:00	15.3	15.0	22.3	17.6	7.3	6.4	7.5	7.6	-0.004	0.000	0.000	0.000
08:15:00	19.1	14.1	22.7	16.4	10.8	6.6	8.0	9.7	-0.002	0.000	0.000	0.000
08:30:00	16.5	12.9	16.1	18.3	8.9	6.3	10.5	9.2	-0.002	0.000	0.000	0.000
08:45:00	16.0	13.1	19.1	20.8	7.6	6.2	9.6	8.5	-0.002	0.000	0.000	0.000
09:00:00	16.8	13.4	18.3	17.3	8.4	6.8	8.8	8.4	-0.003	0.000	0.000	0.000
09:15:00	15.8	12.5	16.4	15.9	8.3	6.7	8.6	8.5	-0.005	0.001	0.000	0.000
09:30:00	15.3	12.4	14.2	14.9	8.2	6.8	8.3	8.0	-0.004	0.005	0.000	0.000
09:45:00	15.1	13.4	15.4	15.6	8.1	7.4	8.8	8.4	-0.004	0.010	0.000	0.000
10:00:00	16.1	12.9	18.7	15.8	8.8	7.3	9.0	9.1	-0.005	0.013	0.000	0.000
10:15:00	16.3	13.1	15.8	15.8	8.7	7.2	9.1	8.5	0.002	0.031	0.000	0.000
10:30:00	16.4	13.1	15.4	16.2	8.8	7.0	9.3	8.5	0.009	0.036	0.000	0.001
10:45:00	15.3	12.1	14.7	16.5	8.1	6.7	9.2	8.3	0.014	0.044	0.000	0.005
11:00:00	15.3	12.2	14.7	15.4	8.3	6.8	8.9	8.0	0.020	0.054	0.000	0.013
11:15:00	15.1	12.2	14.6	15.6	8.5	6.9	9.3	8.2	0.027	0.060	0.000	0.022
11:30:00	14.8	12.0	14.5	15.8	8.2	6.7	9.3	8.1	0.032	0.058	0.000	0.023
11:45:00	13.2	10.2	17.8	13.4	7.2	5.8	7.9	8.0	0.044	0.067	0.002	0.028



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12:00:00	10.6	8.9	11.3	14.4	6.1	5.1	7.4	6.2	0.066	0.075	0.011	0.039
12:15:00	9.8	7.8	10.2	10.3	5.2	4.3	6.1	5.3	0.082	0.069	0.014	0.045
12:30:00	9.1	7.1	8.7	9.7	5.0	4.0	5.8	4.9	0.092	0.065	0.015	0.045
12:45:00	9.5	7.5	10.2	10.1	5.0	4.1	5.8	5.1	0.097	0.056	0.015	0.044
13:00:00	9.7	7.9	9.1	10.2	5.0	4.3	5.7	5.0	0.098	0.043	0.013	0.035
13:15:00	10.8	9.0	9.4	13.4	5.4	4.7	6.5	5.0	0.097	0.028	0.011	0.024
13:30:00	12.3	10.2	10.7	12.1	6.2	5.3	6.6	5.5	0.091	0.020	0.000	0.011
13:45:00	13.0	10.9	11.1	13.1	6.7	5.9	7.4	6.0	0.086	0.007	0.000	0.001
14:00:00	13.2	11.3	13.7	14.1	7.0	6.0	7.9	6.6	0.078	0.009	0.000	0.000
14:15:00	13.7	11.2	18.1	14.6	7.1	6.0	7.9	7.2	0.071	0.000	0.000	0.000
14:30:00	13.9	11.5	13.8	15.3	7.1	6.1	8.1	6.9	0.062	0.000	0.000	0.000
14:45:00	13.3	11.3	12.5	13.8	7.0	6.0	7.8	6.6	0.056	0.000	0.000	0.000
15:00:00	13.7	11.3	14.4	14.1	7.0	6.1	7.7	6.8	0.046	0.000	0.000	0.000
15:15:00	14.0	11.9	13.2	16.4	7.0	6.1	8.0	6.7	0.034	0.000	0.000	0.000
15:30:00	14.4	11.1	13.9	15.9	6.9	5.7	7.9	6.8	0.026	0.000	0.000	0.000
15:45:00	15.4	12.6	14.8	16.2	7.1	6.3	7.9	6.9	0.017	0.000	0.000	0.000
16:00:00	15.3	12.9	14.5	15.9	7.0	6.3	7.9	6.9	0.008	0.000	0.000	0.000
16:15:00	14.2	12.1	13.8	15.4	6.7	6.0	7.5	6.7	-0.002	0.000	0.000	0.000
16:30:00	13.0	11.4	14.0	14.2	6.3	5.7	7.2	6.5	0.000	0.000	0.000	0.000
16:45:00	11.0	9.5	11.6	12.0	5.4	4.9	6.0	5.6	0.001	0.000	0.000	0.000
17:00:00	11.0	8.8	10.7	12.2	5.5	4.5	6.1	5.3	0.002	0.000	0.000	0.000
17:15:00	12.3	10.6	11.9	12.6	6.1	5.3	6.7	5.9	0.004	0.000	0.000	0.001
17:30:00	13.3	11.0	12.8	13.1	6.4	5.6	7.0	6.3	0.009	0.001	0.000	0.001
17:45:00	13.5	11.3	12.8	13.6	6.7	5.7	7.3	6.4	0.003	0.005	0.000	0.000
18:00:00	13.4	11.7	12.9	13.2	6.7	5.9	7.1	6.6	-0.005	0.004	0.000	0.001
18:15:00	13.9	12.0	12.9	13.9	6.8	5.9	7.4	6.6	-0.008	0.001	0.000	0.000
18:30:00	15.1	11.8	13.3	16.4	6.9	5.9	7.5	6.7	-0.012	0.001	0.008	0.000
18:45:00	21.4	11.9	12.7	13.6	7.3	5.8	7.1	6.4	-0.015	0.000	0.007	0.000
19:00:00	13.3	12.0	13.0	13.3	6.6	5.8	7.0	6.5	-0.017	0.000	0.007	0.000
19:15:00	13.5	12.0	12.6	13.9	6.5	5.8	7.2	6.3	-0.016	0.000	0.006	0.000
19:30:00	13.4	12.0	14.3	13.2	6.5	5.8	7.0	6.6	-0.018	0.000	0.002	0.000
19:45:00	13.5	12.1	13.7	13.0	6.5	5.8	6.9	6.4	-0.021	0.000	0.004	0.000
20:00:00	13.9	12.7	15.8	13.3	6.5	5.8	6.9	6.6	-0.025	0.000	0.003	0.000
20:15:00	13.7	12.9	14.0	13.4	6.4	5.7	6.9	6.4	-0.030	0.000	0.006	0.000
20:30:00	14.4	14.0	15.5	13.4	6.5	5.8	7.0	6.4	-0.035	0.000	0.006	0.000
20:45:00	14.8	14.7	18.1	14.1	6.4	5.9	6.9	6.7	-0.038	0.000	0.003	0.000
21:00:00	15.0	14.4	22.6	14.7	6.5	5.8	7.1	7.7	-0.042	0.000	0.002	0.000
21:15:00	14.5	14.2	19.8	15.2	6.4	5.7	7.2	7.0	-0.043	0.000	0.000	0.000
21:30:00	15.4	13.2	16.2	15.5	6.5	5.7	7.1	6.5	-0.044	0.000	0.000	0.000
21:45:00	15.9	14.8	18.1	17.3	6.6	5.8	7.2	6.9	-0.044	0.000	0.000	0.000
22:00:00	15.5	13.4	21.0	30.9	6.6	5.7	9.5	8.0	-0.044	0.000	0.000	0.000
22:15:00	15.5	14.2	20.3	18.0	6.6	5.8	7.5	7.9	-0.044	0.000	0.000	0.000
22:30:00	16.1	14.6	19.2	15.7	6.7	5.9	7.0	7.4	-0.044	0.000	0.000	0.000
22:45:00	16.3	12.8	17.0	15.7	6.7	5.7	7.1	6.8	-0.043	0.000	0.000	0.000
23:00:00	16.7	13.3	21.4	16.4	6.7	5.6	7.1	7.8	-0.043	0.000	0.000	0.000
23:15:00	16.1	14.0	18.4	16.9	6.7	5.7	6.9	6.8	-0.044	0.000	0.000	0.000
23:30:00	15.7	16.0	21.7	15.6	6.6	5.9	7.0	7.2	-0.044	0.000	0.000	0.000
23:45:00	16.3	14.6	21.9	15.2	6.8	5.8	7.0	7.0	-0.042	0.000	0.000	0.000



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