



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-29

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1340 Max : 11.95	2943 ESE	2995 NE	2996 E	2997 N	Min : 71.42 Max : 96.08	Min : 55.30 Max : 94.90	Min : 29.93 Max : 30.09

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	48.2	6.6	13.1	-0.017	0.075
2995	10.7	18.5	5.2	8.9	0.009	0.057
2996	13.6	26.4	6.7	15.8	0.001	0.017
2997	14.4	31.4	6.2	10.4	0.004	0.038

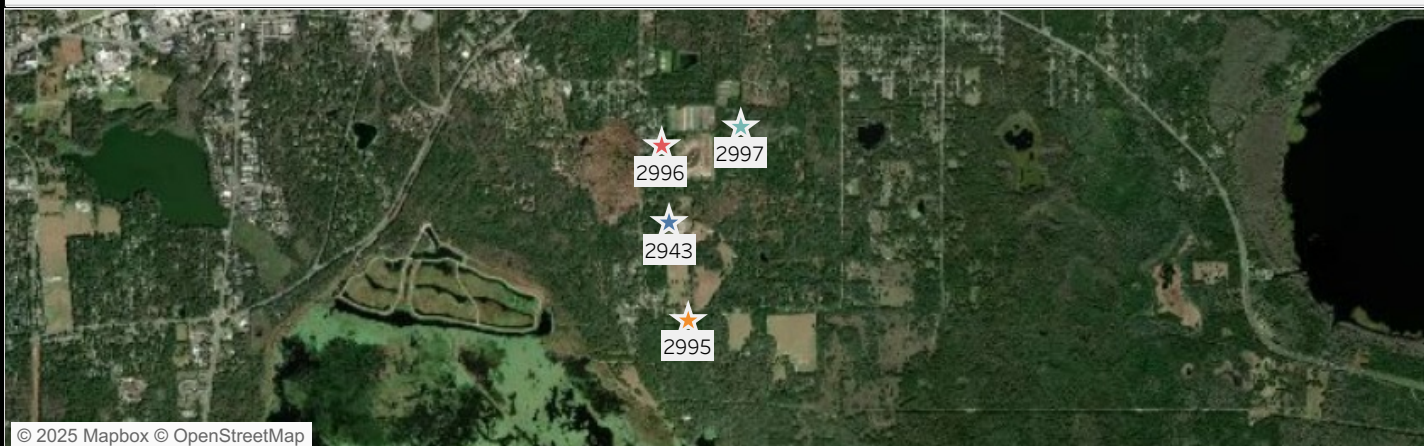


Figure 1 : Monitoring Locations

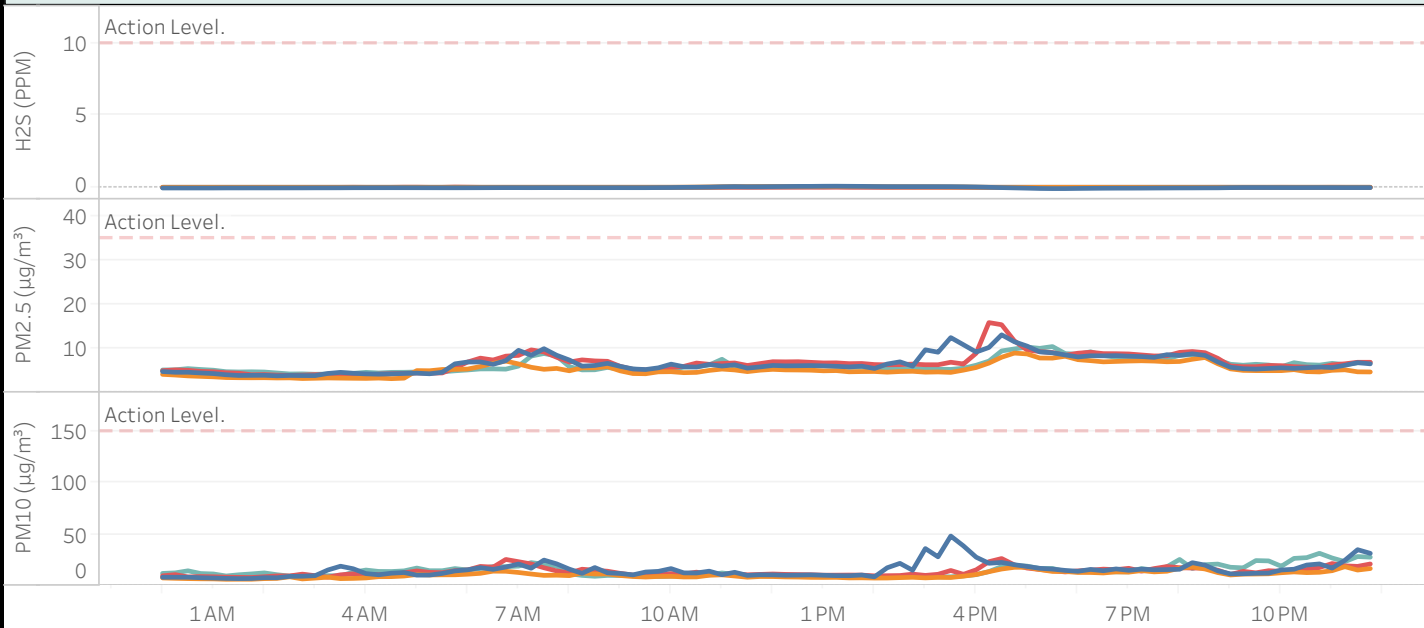


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2995 ■ 2996 ■ 2997



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Wind Rose Chart 2943

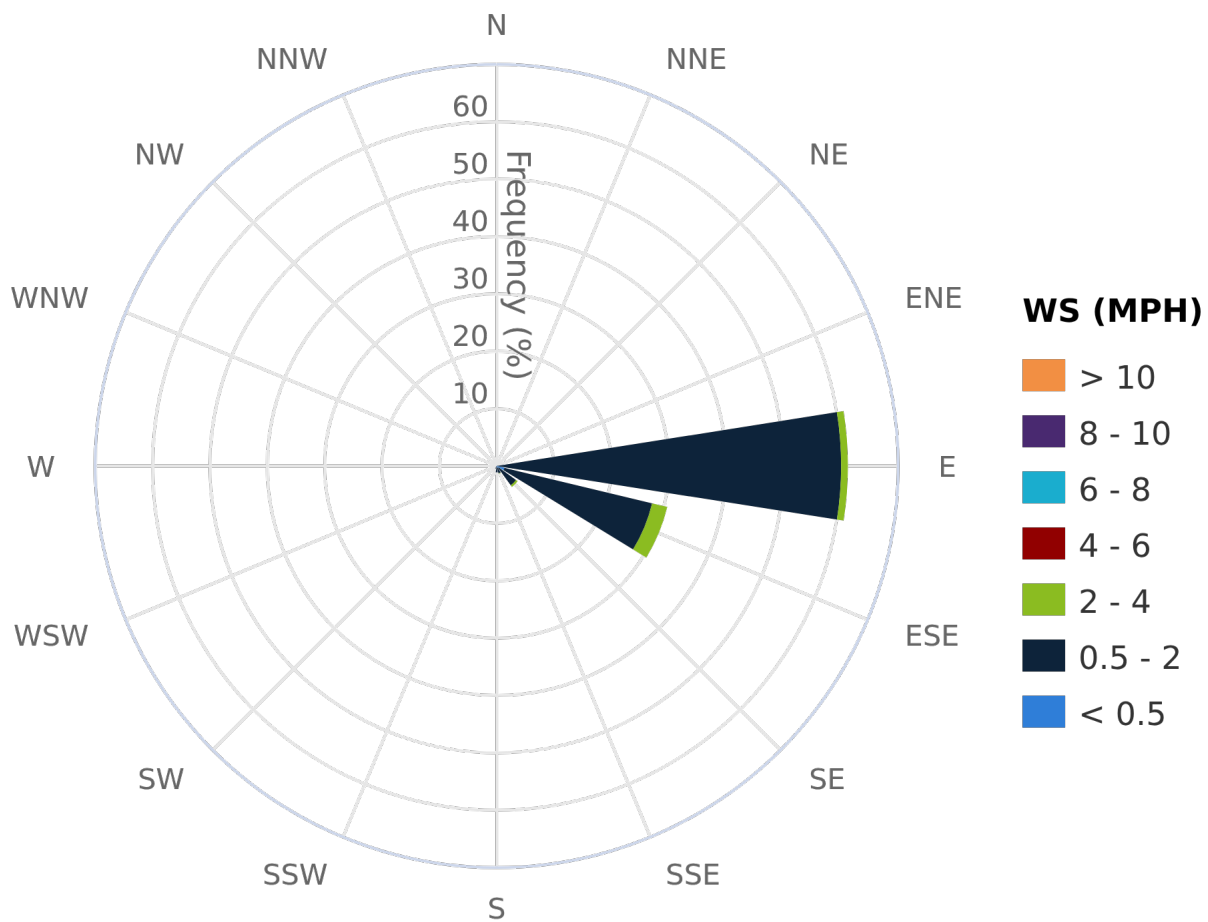


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

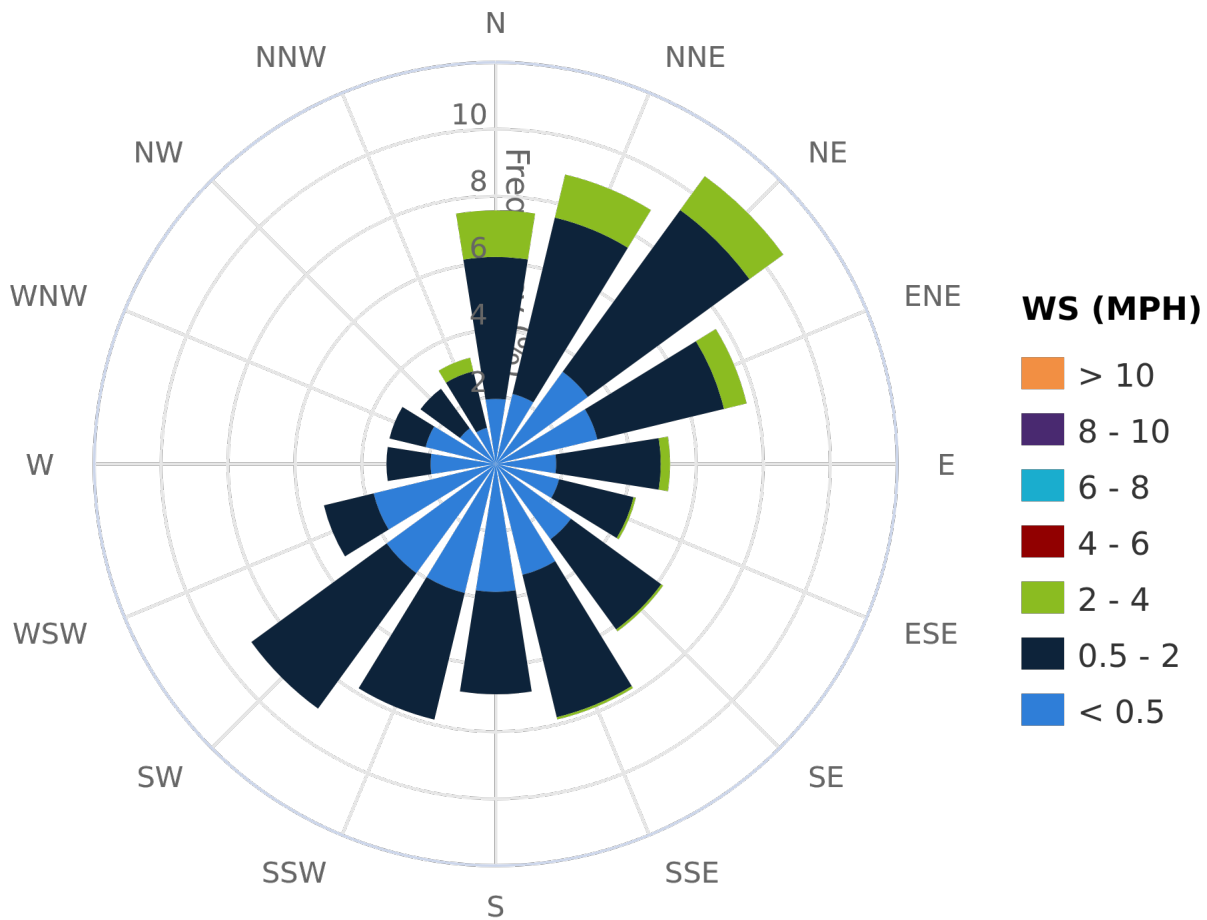


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

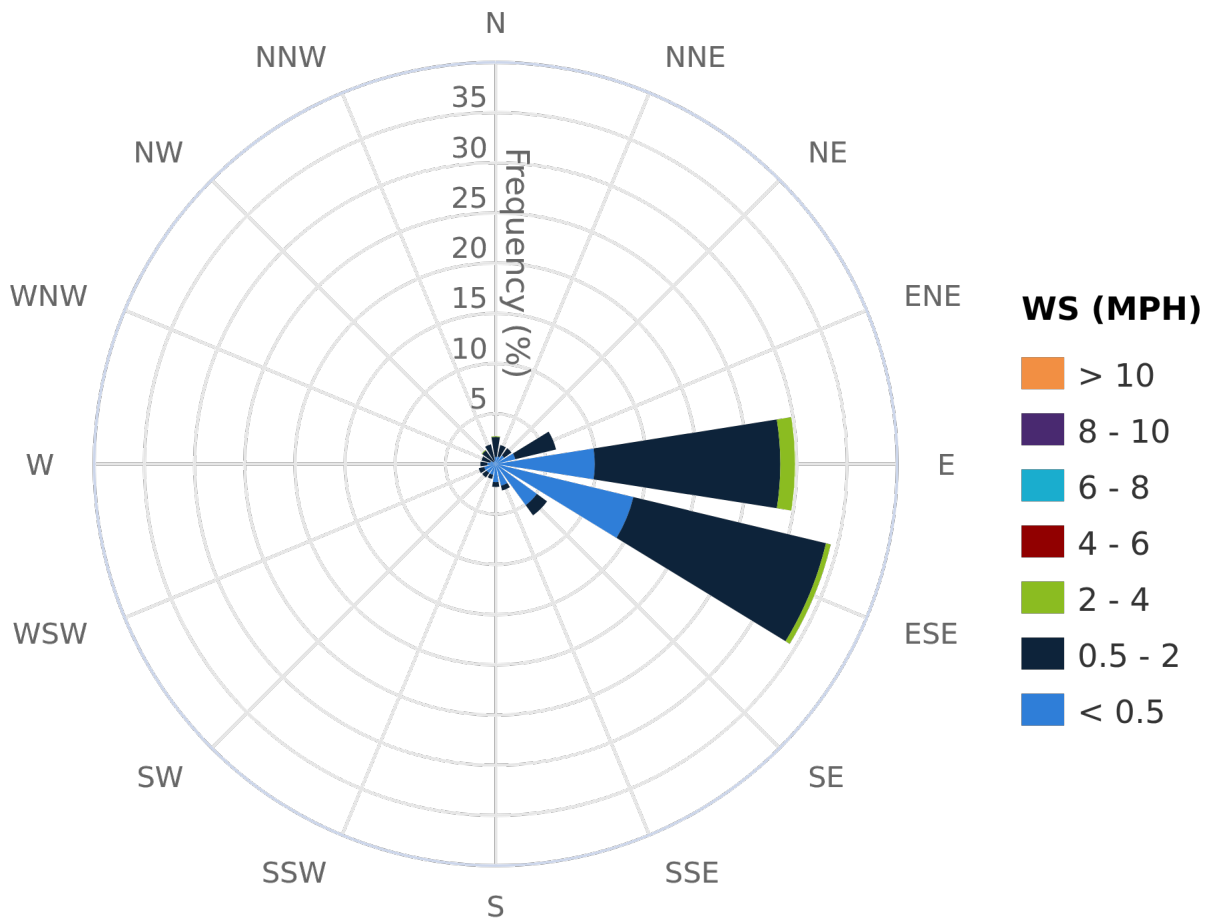


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

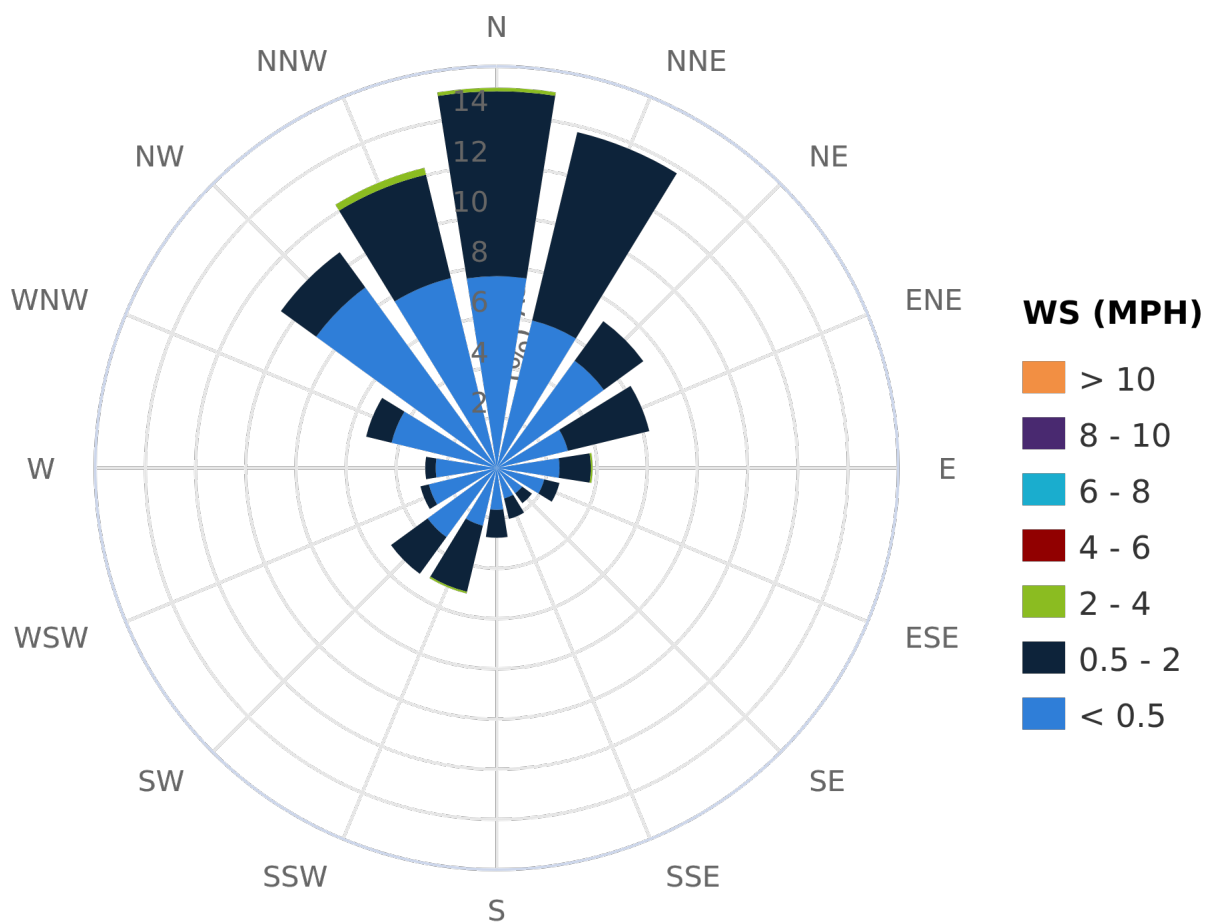


Figure 3 : Wind Rose Chart (WS in MPH)



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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	8.3	7.6	12.0	9.6	4.8	4.1	5.0	5.1	-0.049	0.000	0.000	0.000
00:15:00	8.3	7.2	12.5	10.8	4.6	4.0	5.1	5.2	-0.048	0.000	0.000	0.000
00:30:00	8.3	6.9	14.5	8.6	4.6	3.8	5.0	5.4	-0.049	0.000	0.000	0.000
00:45:00	7.8	6.7	11.8	8.9	4.4	3.7	4.8	5.2	-0.049	0.000	0.000	0.000
01:00:00	7.5	6.7	11.4	8.7	4.3	3.6	4.7	5.1	-0.048	0.000	0.000	0.000
01:15:00	7.2	6.3	9.5	8.3	4.0	3.4	4.5	4.7	-0.044	0.000	0.000	0.000
01:30:00	7.0	6.3	10.7	8.1	3.9	3.4	4.4	4.7	-0.045	0.000	0.000	0.000
01:45:00	7.1	6.3	11.5	8.0	3.9	3.4	4.0	4.7	-0.043	0.000	0.000	0.000
02:00:00	7.8	6.9	12.5	8.7	3.9	3.4	4.1	4.7	-0.044	0.000	0.000	0.000
02:15:00	7.8	7.1	10.7	9.5	3.8	3.3	4.0	4.4	-0.043	0.000	0.000	0.000
02:30:00	9.1	8.7	9.4	9.5	3.9	3.3	3.9	4.2	-0.042	0.000	0.000	0.000
02:45:00	9.2	6.6	10.6	11.3	3.9	3.2	4.0	4.2	-0.041	0.000	0.000	0.000
03:00:00	9.8	7.4	9.5	9.8	3.9	3.3	4.1	4.2	-0.039	0.000	0.000	0.000
03:15:00	15.3	8.3	9.8	8.3	4.3	3.3	4.0	4.2	-0.038	0.000	0.000	0.000
03:30:00	18.9	6.9	9.6	10.6	4.6	3.3	4.1	4.4	-0.036	0.000	0.000	0.000
03:45:00	16.5	7.1	13.1	11.6	4.4	3.2	4.0	4.4	-0.031	0.000	0.005	0.000
04:00:00	11.8	7.6	15.2	11.1	4.2	3.2	4.0	4.6	-0.030	0.000	0.000	0.000
04:15:00	10.7	8.8	13.9	10.8	4.2	3.3	4.2	4.4	-0.029	0.000	0.000	0.000
04:30:00	12.2	8.8	13.8	10.3	4.2	3.2	4.3	4.6	-0.029	0.000	0.000	0.000
04:45:00	12.8	9.4	14.4	12.6	4.3	3.3	4.4	4.6	-0.030	0.000	0.009	0.000
05:00:00	10.3	10.9	17.1	14.4	4.4	5.0	4.4	4.7	-0.031	0.000	0.009	0.000
05:15:00	10.4	10.5	14.6	13.0	4.3	4.9	4.4	4.8	-0.032	0.000	0.000	0.000
05:30:00	11.9	10.6	14.6	12.6	4.6	5.2	4.5	4.7	-0.034	0.000	0.000	0.000
05:45:00	14.4	10.6	16.6	14.6	6.5	5.2	5.6	4.9	-0.034	0.000	0.017	0.000
06:00:00	15.5	11.2	15.3	15.3	6.9	5.3	6.9	5.1	-0.033	0.000	0.009	0.000
06:15:00	17.5	12.0	16.8	18.7	6.9	5.9	7.8	5.4	-0.030	0.000	0.000	0.000
06:30:00	15.9	14.1	18.6	18.0	6.4	6.6	7.4	5.4	-0.027	0.000	0.000	0.000
06:45:00	18.2	14.0	18.5	25.5	7.2	7.1	8.2	5.3	-0.024	0.000	0.000	0.000
07:00:00	21.1	12.9	19.0	23.3	9.6	6.5	8.4	6.0	-0.025	0.000	0.000	0.000
07:15:00	17.0	11.4	22.4	21.1	8.4	5.7	9.7	8.3	-0.026	0.000	0.000	0.000
07:30:00	24.9	10.1	20.8	17.4	9.9	5.3	9.2	8.8	-0.024	0.000	0.000	0.000
07:45:00	21.2	10.2	19.0	14.4	8.4	5.5	8.0	8.3	-0.025	0.000	0.000	0.000
08:00:00	16.1	9.8	11.6	12.3	7.4	4.9	6.9	5.9	-0.025	0.000	0.000	0.000
08:15:00	12.0	12.4	10.0	16.0	6.0	5.6	7.4	5.1	-0.027	0.000	0.000	0.000
08:30:00	17.7	11.4	9.2	15.0	6.1	5.6	7.2	5.2	-0.027	0.000	0.000	0.000
08:45:00	12.5	11.4	10.0	14.1	6.6	5.9	7.1	5.7	-0.027	0.000	0.000	0.000
09:00:00	11.9	9.9	10.0	12.0	5.9	4.9	5.9	5.3	-0.026	0.000	0.000	0.000
09:15:00	10.6	8.9	10.2	10.3	5.4	4.3	5.3	5.3	-0.027	0.000	0.000	0.000
09:30:00	13.3	8.4	9.9	10.1	5.2	4.3	5.1	5.1	-0.027	0.000	0.000	0.000
09:45:00	14.0	9.0	9.0	10.8	5.6	4.7	5.3	4.9	-0.021	0.000	0.000	0.000
10:00:00	16.6	9.1	9.2	11.8	6.4	4.7	5.7	5.2	-0.017	0.000	0.000	0.000
10:15:00	12.5	8.5	10.1	11.4	5.9	4.5	5.9	5.8	-0.005	0.006	0.000	0.000
10:30:00	12.4	8.6	10.0	13.2	5.8	4.6	6.7	5.9	0.002	0.013	0.000	0.000
10:45:00	14.1	10.2	10.6	10.9	6.4	5.0	6.4	6.2	0.012	0.023	0.000	0.000
11:00:00	10.7	10.6	12.4	10.8	6.0	5.3	6.6	7.5	0.036	0.036	0.000	0.001
11:15:00	13.1	9.5	11.0	11.6	6.3	5.1	6.7	5.8	0.048	0.047	0.001	0.009
11:30:00	10.0	8.3	9.4	10.6	5.5	4.8	6.1	5.5	0.038	0.045	0.001	0.007
11:45:00	10.6	9.0	9.9	11.0	5.8	5.1	6.6	5.9	0.041	0.049	0.003	0.008



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12:00:00	10.6	8.9	10.1	11.4	6.1	5.3	7.0	6.2	0.048	0.053	0.005	0.016
12:15:00	10.2	8.6	10.0	11.0	6.1	5.1	7.0	6.2	0.055	0.049	0.004	0.022
12:30:00	10.3	8.4	9.9	10.8	6.1	5.1	7.0	6.2	0.063	0.052	0.004	0.026
12:45:00	10.5	8.1	9.5	10.7	6.1	5.1	6.8	6.1	0.065	0.054	0.006	0.030
13:00:00	10.2	8.1	9.7	10.3	6.0	4.9	6.7	6.3	0.073	0.057	0.003	0.029
13:15:00	9.8	8.1	9.4	10.3	5.9	5.0	6.7	6.0	0.075	0.057	0.006	0.038
13:30:00	9.8	7.6	8.7	10.4	5.8	4.7	6.6	5.7	0.069	0.056	0.000	0.030
13:45:00	10.4	7.7	8.8	10.3	6.0	4.8	6.6	5.7	0.064	0.053	0.000	0.025
14:00:00	8.7	7.5	8.6	9.6	5.5	4.8	6.3	5.5	0.053	0.045	0.000	0.014
14:15:00	17.4	7.5	8.5	9.8	6.5	4.6	6.3	5.4	0.048	0.035	0.000	0.008
14:30:00	21.7	7.9	8.7	9.9	7.0	4.8	6.3	5.4	0.045	0.035	0.000	0.014
14:45:00	15.0	8.2	8.9	11.3	6.0	4.8	6.5	5.4	0.044	0.030	0.000	0.016
15:00:00	36.0	7.6	9.2	10.0	9.7	4.6	6.3	5.5	0.044	0.029	0.000	0.019
15:15:00	28.0	8.1	8.7	11.1	9.1	4.7	6.3	5.3	0.043	0.028	0.000	0.018
15:30:00	48.2	8.0	8.7	14.8	12.4	4.6	6.9	5.3	0.041	0.019	0.000	0.016
15:45:00	38.6	9.3	9.5	11.1	10.8	5.1	6.5	5.5	0.032	0.019	0.000	0.014
16:00:00	27.7	10.9	10.8	15.5	9.2	5.7	8.9	6.2	0.018	0.007	0.000	0.009
16:15:00	21.8	13.6	13.7	23.3	10.2	6.7	15.8	7.1	-0.002	0.000	0.000	0.003
16:30:00	22.6	16.2	18.6	26.4	13.1	8.0	15.3	9.4	-0.023	0.000	0.000	0.000
16:45:00	20.4	17.8	19.7	20.2	11.5	8.9	11.7	9.9	-0.042	0.000	0.000	0.000
17:00:00	18.7	17.9	19.0	17.1	10.5	8.7	9.6	10.3	-0.061	0.000	0.000	0.000
17:15:00	16.9	15.7	16.7	15.8	9.2	7.8	9.3	10.0	-0.082	0.000	0.000	0.000
17:30:00	16.1	13.9	16.8	14.6	9.0	7.8	9.1	10.4	-0.091	0.000	0.000	0.000
17:45:00	14.9	13.8	13.9	13.4	8.5	8.2	8.4	8.8	-0.090	0.000	0.000	0.000
18:00:00	14.0	12.9	13.6	14.4	8.1	7.5	8.9	8.7	-0.080	0.000	0.000	0.000
18:15:00	15.8	12.9	15.2	15.1	8.3	7.2	9.1	9.2	-0.072	0.000	0.000	0.000
18:30:00	14.6	12.4	13.9	16.1	8.3	7.0	8.8	8.4	-0.065	0.000	0.000	0.000
18:45:00	16.3	13.5	13.5	15.6	8.4	7.1	8.8	8.0	-0.061	0.000	0.000	0.000
19:00:00	15.0	13.2	13.5	16.9	8.2	7.1	8.7	7.6	-0.060	0.000	0.000	0.000
19:15:00	16.1	14.7	16.7	14.1	8.1	7.2	8.5	8.0	-0.057	0.000	0.000	0.000
19:30:00	15.5	13.5	15.1	16.7	8.0	7.1	8.3	7.9	-0.052	0.000	0.000	0.000
19:45:00	15.7	14.1	18.4	18.6	8.6	7.0	8.3	7.6	-0.048	0.000	0.000	0.000
20:00:00	16.0	17.0	25.5	17.5	8.4	7.0	9.1	8.4	-0.044	0.000	0.000	0.000
20:15:00	22.4	18.1	16.8	17.1	8.8	7.5	9.3	8.6	-0.043	0.000	0.000	0.000
20:30:00	20.0	16.2	20.4	17.2	8.4	7.9	9.0	8.3	-0.040	0.000	0.000	0.000
20:45:00	14.5	12.8	21.0	15.1	6.9	6.5	7.8	7.4	-0.038	0.000	0.001	0.000
21:00:00	11.5	10.5	17.9	10.9	5.7	5.4	6.0	6.4	-0.024	0.000	0.000	0.000
21:15:00	11.6	11.3	17.3	14.0	5.4	5.0	5.9	6.2	-0.017	0.000	0.000	0.000
21:30:00	12.1	11.4	24.4	12.5	5.3	5.0	5.9	6.4	-0.017	0.000	0.000	0.000
21:45:00	12.3	11.6	24.1	14.6	5.5	5.0	6.1	6.2	-0.018	0.000	0.000	0.000
22:00:00	15.3	12.6	18.9	14.0	5.6	5.0	6.1	5.8	-0.020	0.000	0.002	0.000
22:15:00	16.0	13.4	26.5	15.3	5.5	5.2	5.9	6.8	-0.021	0.000	0.000	0.000
22:30:00	20.1	12.7	27.2	15.8	5.6	4.7	5.8	6.3	-0.020	0.000	0.000	0.000
22:45:00	21.2	13.1	31.4	17.7	5.8	4.7	5.7	6.2	-0.018	0.000	0.000	0.000
23:00:00	17.1	14.6	26.9	21.5	5.7	5.1	6.3	6.6	-0.020	0.000	0.003	0.000
23:15:00	24.7	18.5	23.4	19.3	6.2	5.2	6.5	6.3	-0.021	0.000	0.000	0.000
23:30:00	35.0	15.2	28.3	18.8	6.8	4.7	6.9	6.7	-0.022	0.000	0.000	0.000
23:45:00	31.4	16.7	27.7	21.1	6.5	4.7	6.9	6.8	-0.020	0.000	0.000	0.000



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