



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-13

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1790 Max : 8.321	2943 ESE	2995 N	2996 SSE	2997 NNW	Min : 66.20 Max : 97.34	Min : 42.50 Max : 90.10	Min : 29.87 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	16.6	143.1	6.1	21.8	-0.051	0.055
2995	12.3	16.2	6.0	9.2	0.006	0.049
2996	12.8	17.2	5.9	7.3	0.002	0.023
2997	12.6	17.4	5.7	7.4	0.002	0.029

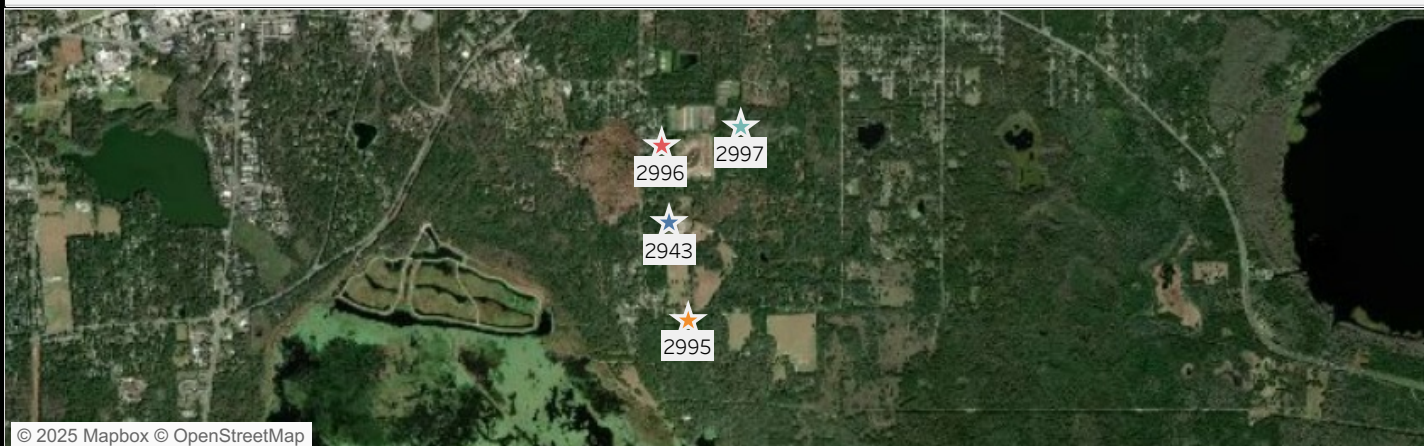


Figure 1 : Monitoring Locations

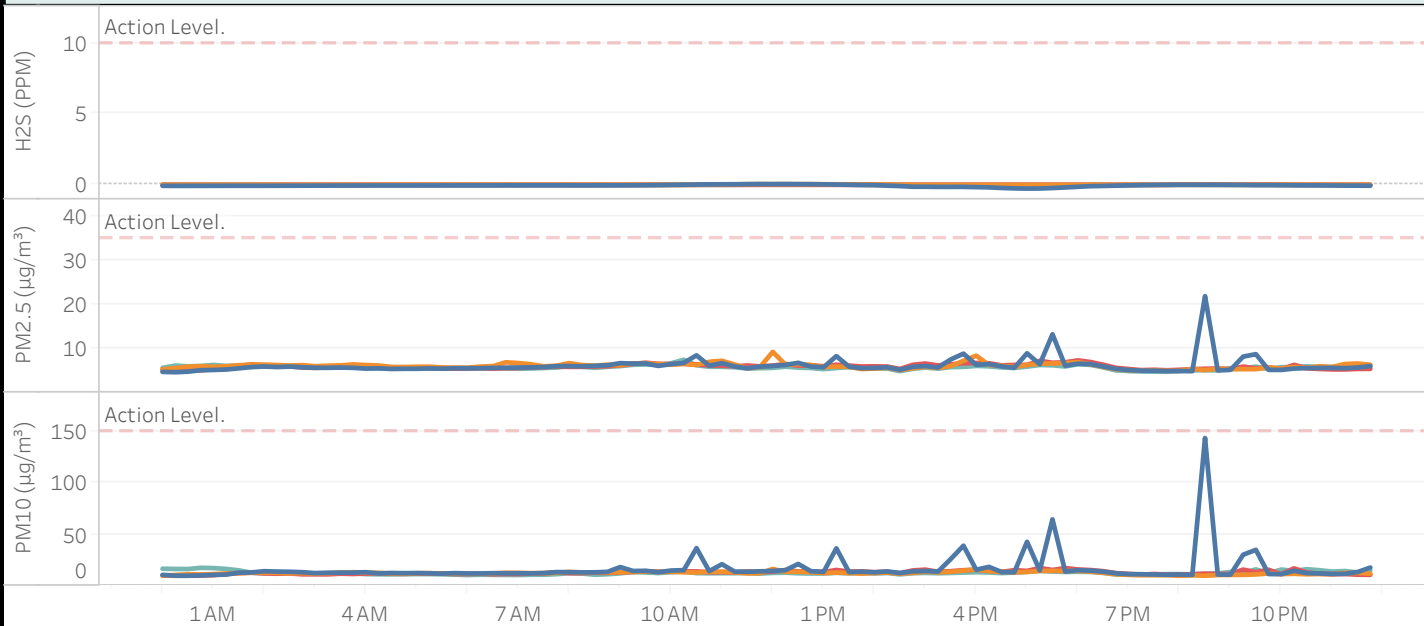


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2995 ■ 2996 ■ 2997



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Wind Rose Chart 2943

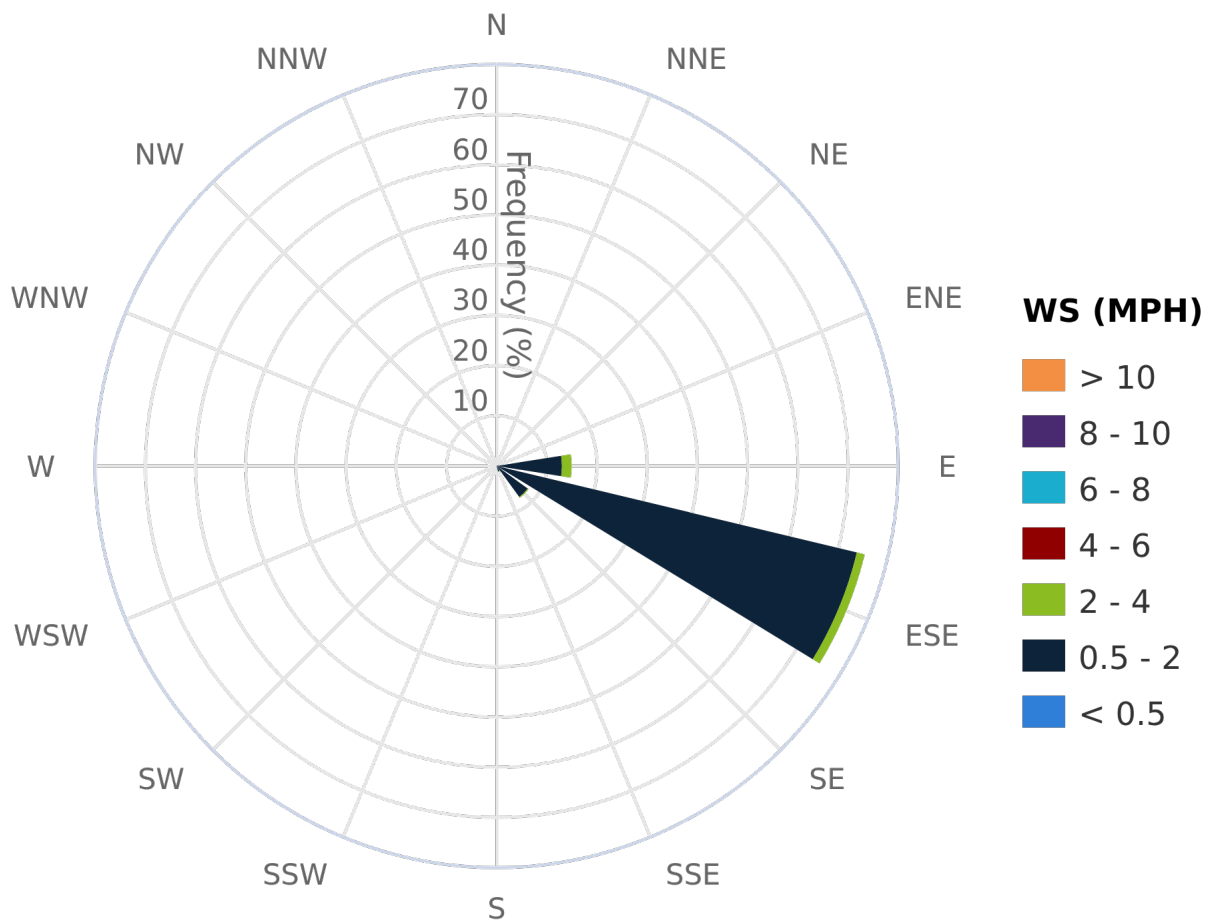


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

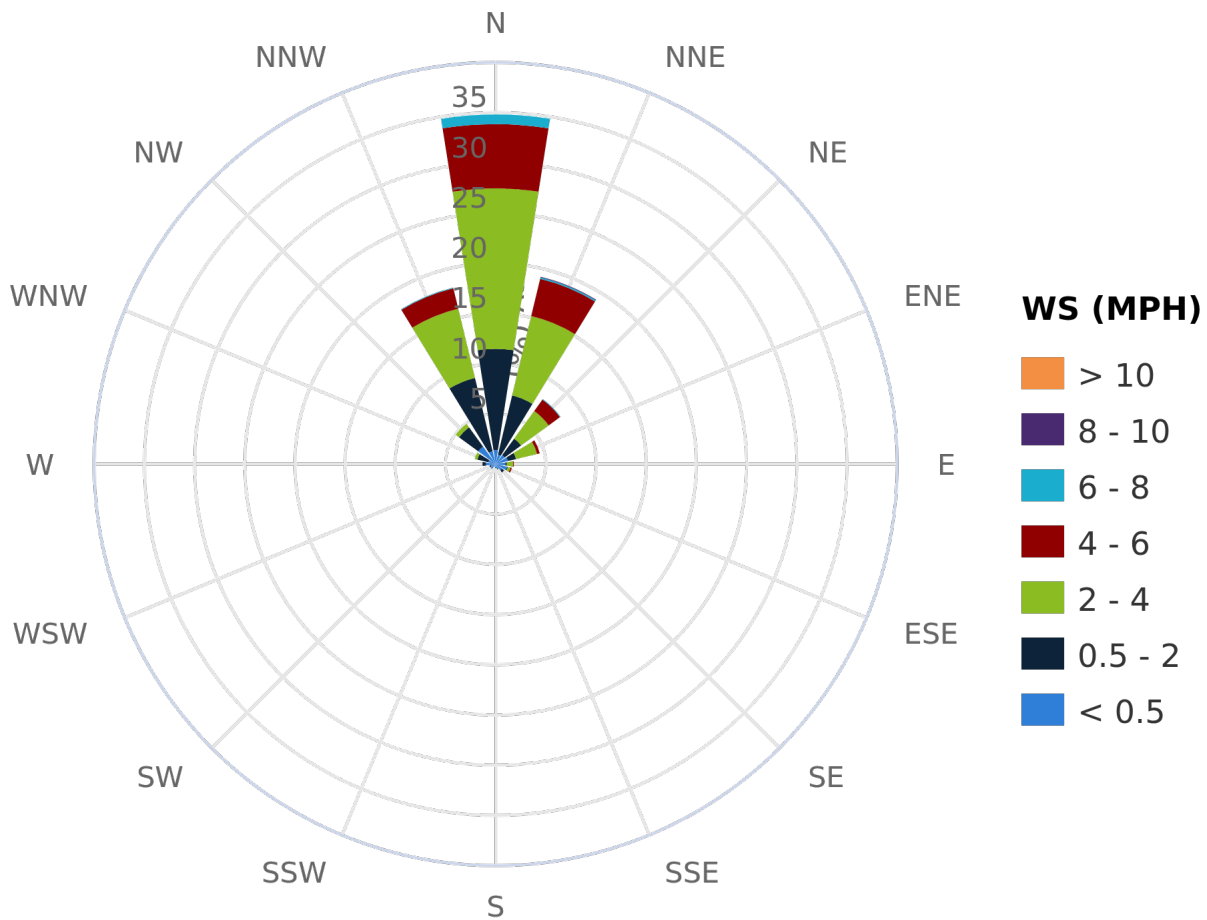


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

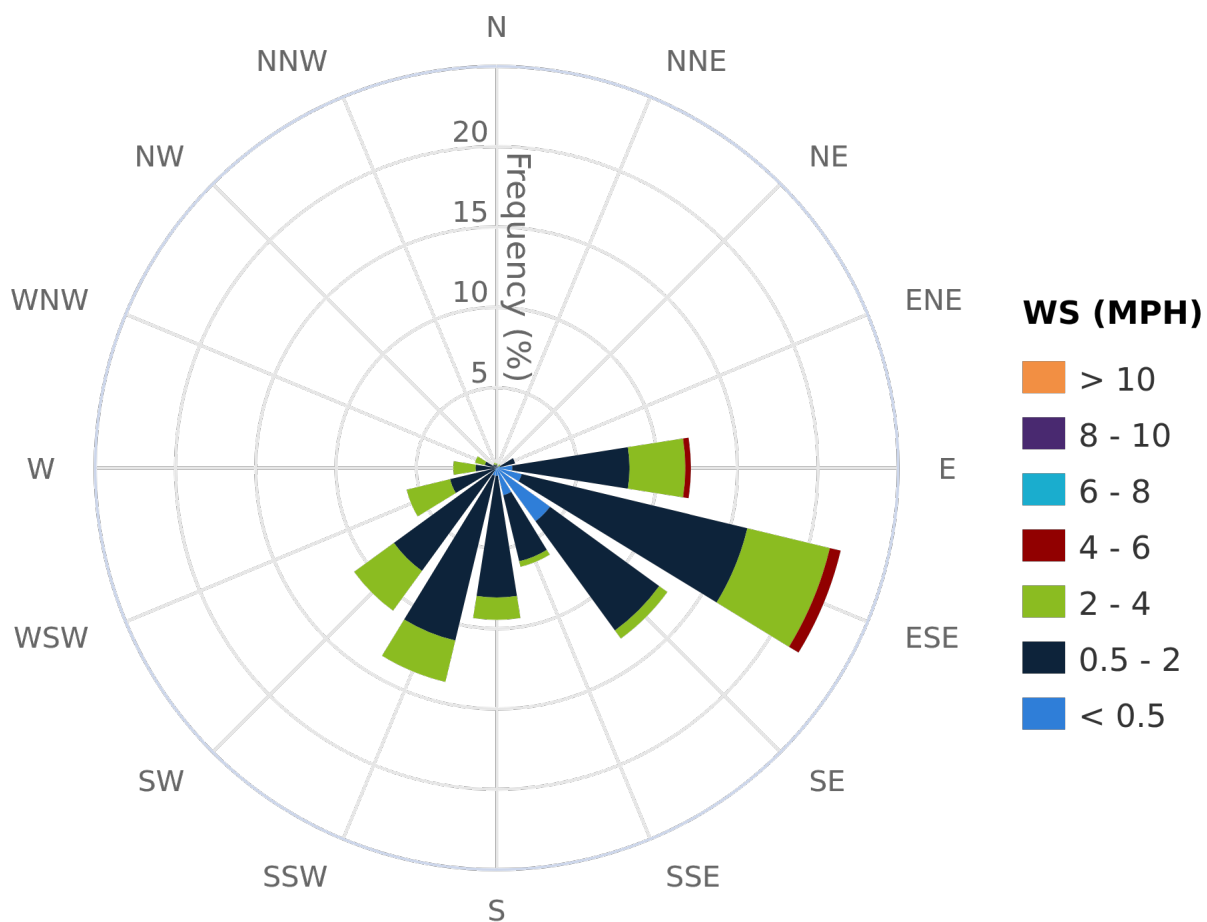


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

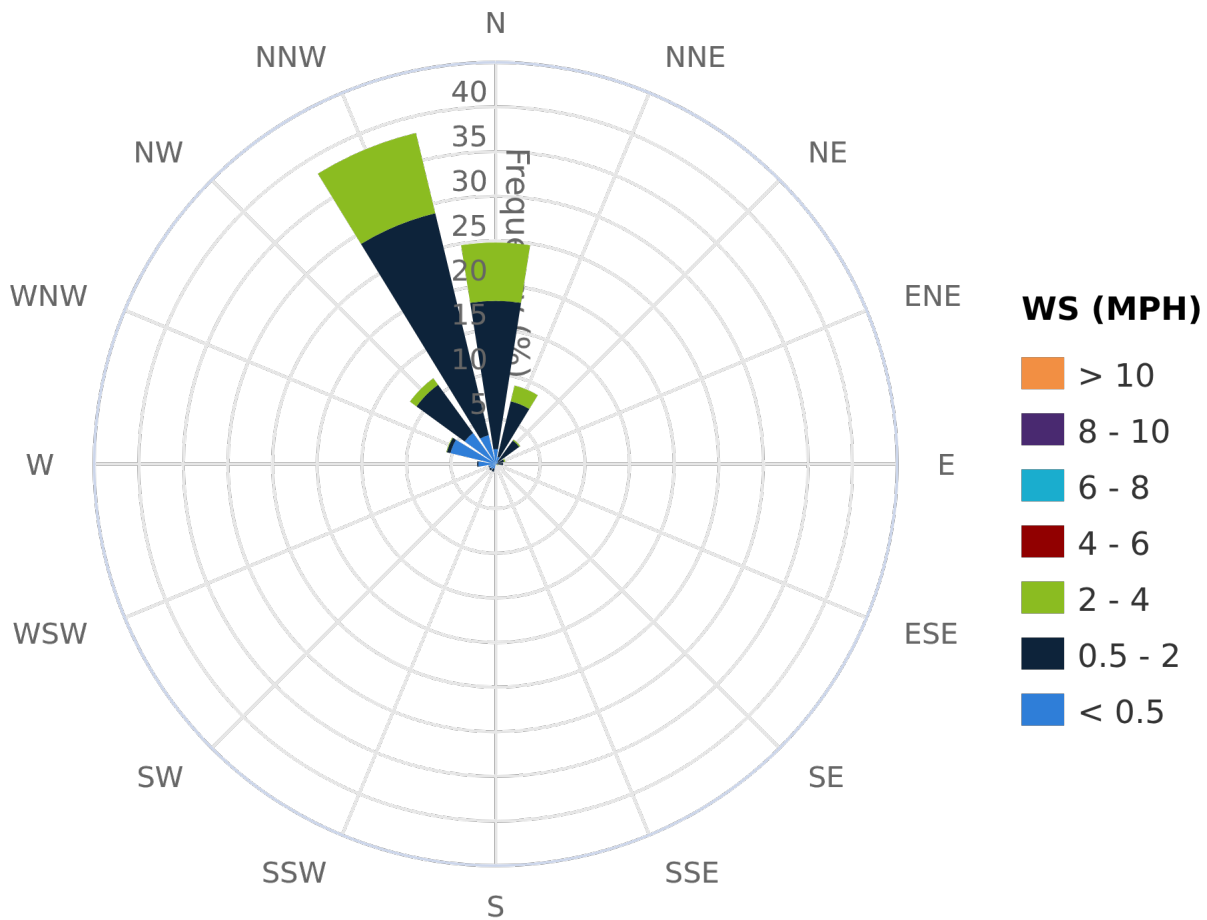


Figure 3 : Wind Rose Chart (WS in MPH)



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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	10.6	9.9	16.5	10.0	4.7	5.3	4.9	5.6	-0.070	0.000	0.000	0.000
00:15:00	9.8	10.4	16.3	9.7	4.6	5.5	4.8	6.1	-0.073	0.000	0.000	0.000
00:30:00	9.7	11.1	16.2	9.8	4.7	5.9	4.9	5.9	-0.071	0.000	0.000	0.000
00:45:00	10.0	10.9	17.4	10.0	5.1	6.0	5.1	6.0	-0.070	0.000	0.000	0.000
01:00:00	10.5	11.3	17.1	10.3	5.1	5.8	5.3	6.3	-0.068	0.000	0.000	0.000
01:15:00	10.8	11.9	16.3	11.4	5.2	5.9	5.5	6.0	-0.066	0.000	0.000	0.000
01:30:00	12.7	12.2	14.9	12.2	5.5	6.2	6.0	6.1	-0.065	0.000	0.000	0.000
01:45:00	12.9	12.7	12.6	12.7	5.8	6.3	6.4	5.9	-0.066	0.000	0.000	0.000
02:00:00	14.1	12.8	12.1	12.0	5.9	6.3	6.2	5.9	-0.065	0.000	0.000	0.000
02:15:00	13.7	12.5	13.5	11.7	5.8	6.2	6.0	5.9	-0.064	0.000	0.000	0.000
02:30:00	13.6	12.1	12.3	12.0	5.9	6.1	6.0	6.0	-0.062	0.000	0.000	0.000
02:45:00	13.1	12.3	12.3	11.1	5.7	6.2	5.7	5.9	-0.060	0.000	0.000	0.000
03:00:00	12.3	11.8	11.7	11.1	5.6	6.0	5.6	5.8	-0.057	0.000	0.000	0.000
03:15:00	12.6	12.2	11.7	11.1	5.6	6.1	5.7	5.7	-0.054	0.000	0.000	0.000
03:30:00	12.6	12.6	13.1	11.7	5.7	6.2	5.7	5.7	-0.051	0.000	0.000	0.000
03:45:00	12.8	13.1	12.2	11.4	5.6	6.4	5.7	5.7	-0.050	0.000	0.000	0.000
04:00:00	13.1	12.7	11.3	11.9	5.4	6.2	5.7	5.6	-0.048	0.000	0.000	0.000
04:15:00	12.0	12.4	11.1	12.2	5.5	6.1	5.7	5.5	-0.048	0.000	0.000	0.000
04:30:00	12.4	11.9	11.0	11.8	5.4	5.8	5.6	5.5	-0.047	0.000	0.000	0.000
04:45:00	12.2	11.7	11.2	11.5	5.4	5.8	5.6	5.5	-0.048	0.000	0.000	0.000
05:00:00	12.3	12.1	11.3	11.9	5.4	5.8	5.6	5.5	-0.045	0.000	0.000	0.000
05:15:00	12.1	12.3	11.3	11.9	5.5	5.9	5.5	5.5	-0.044	0.000	0.000	0.000
05:30:00	11.8	11.9	11.1	11.9	5.4	5.7	5.5	5.4	-0.043	0.000	0.000	0.000
05:45:00	12.2	11.9	10.8	11.4	5.5	5.6	5.4	5.4	-0.043	0.000	0.000	0.000
06:00:00	12.0	11.7	10.4	11.4	5.5	5.6	5.5	5.4	-0.041	0.000	0.000	0.000
06:15:00	11.9	11.8	10.7	11.7	5.5	5.9	5.6	5.5	-0.042	0.000	0.000	0.000
06:30:00	12.2	11.9	10.6	11.2	5.6	6.0	5.4	5.5	-0.041	0.000	0.000	0.000
06:45:00	12.1	12.6	10.5	11.4	5.6	6.9	5.5	5.4	-0.038	0.000	0.000	0.000
07:00:00	12.1	12.5	10.4	11.4	5.7	6.7	5.6	5.4	-0.040	0.000	0.000	0.000
07:15:00	12.0	12.2	10.6	11.9	5.7	6.4	5.7	5.5	-0.036	0.000	0.000	0.000
07:30:00	12.3	12.3	10.7	12.0	5.8	6.0	5.7	5.6	-0.035	0.000	0.000	0.000
07:45:00	13.3	12.6	11.2	13.0	6.0	6.1	5.9	5.7	-0.036	0.000	0.000	0.000
08:00:00	13.1	13.4	12.3	12.1	6.0	6.7	5.8	6.0	-0.039	0.000	0.000	0.000
08:15:00	13.0	12.9	11.8	12.2	6.0	6.2	5.8	5.9	-0.040	0.000	0.000	0.000
08:30:00	13.0	13.0	10.7	12.7	6.1	6.1	5.9	5.6	-0.038	0.000	0.000	0.000
08:45:00	13.5	12.9	11.2	12.5	6.2	6.3	6.0	5.8	-0.038	0.000	0.000	0.000
09:00:00	18.1	13.1	12.0	13.1	6.7	6.2	6.2	6.0	-0.034	0.000	0.000	0.000
09:15:00	14.3	13.5	13.5	13.3	6.6	6.6	6.5	6.3	-0.033	0.000	0.000	0.000
09:30:00	14.5	13.7	12.8	14.1	6.6	6.6	6.8	6.4	-0.027	0.000	0.000	0.000
09:45:00	13.2	13.4	12.4	13.5	6.0	6.4	6.5	6.2	-0.017	0.000	0.000	0.000
10:00:00	14.8	13.5	13.1	13.8	6.4	6.4	6.4	6.6	-0.003	0.000	0.000	0.000
10:15:00	15.1	13.1	13.9	13.9	6.7	6.5	6.5	7.4	0.009	0.003	0.000	0.000
10:30:00	36.5	12.8	12.2	13.9	8.4	6.2	6.4	6.2	0.021	0.010	0.000	0.000
10:45:00	14.2	13.5	12.1	13.1	6.1	7.0	6.1	5.9	0.031	0.023	0.000	0.000
11:00:00	20.9	13.6	12.2	13.2	6.7	7.2	6.1	5.8	0.038	0.030	0.000	0.000
11:15:00	13.7	13.0	12.2	13.1	5.9	6.4	6.0	5.7	0.040	0.036	0.000	0.003
11:30:00	13.6	12.0	12.4	13.7	5.5	5.5	6.1	5.4	0.050	0.043	0.000	0.009
11:45:00	14.0	12.2	11.8	13.0	5.9	5.8	5.9	5.5	0.055	0.049	0.000	0.017



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12:00:00	14.4	16.2	12.5	13.8	6.0	9.2	6.1	5.6	0.052	0.045	0.000	0.024
12:15:00	15.1	13.5	12.7	15.1	6.3	6.3	6.5	5.9	0.055	0.046	0.000	0.026
12:30:00	21.1	13.7	12.1	13.9	6.7	6.4	6.1	5.6	0.049	0.046	0.000	0.029
12:45:00	14.1	13.1	11.9	13.9	5.9	6.3	6.2	5.6	0.047	0.045	0.000	0.027
13:00:00	13.5	12.2	11.9	13.3	5.7	5.8	6.0	5.3	0.035	0.041	0.000	0.021
13:15:00	36.3	12.8	12.6	15.3	8.3	5.9	6.3	5.6	0.024	0.036	0.000	0.013
13:30:00	13.2	12.3	12.0	13.7	5.9	5.8	6.1	5.8	0.007	0.031	0.000	0.009
13:45:00	13.7	11.8	12.6	13.8	5.5	5.3	5.9	5.5	-0.008	0.027	0.000	0.002
14:00:00	13.1	12.4	11.9	13.1	5.6	5.4	5.9	5.5	-0.019	0.024	0.000	0.000
14:15:00	13.9	12.7	12.4	13.4	5.7	5.6	5.9	5.4	-0.055	0.017	0.000	0.000
14:30:00	12.4	11.8	11.1	12.1	5.2	5.1	5.3	4.9	-0.086	0.006	0.000	0.000
14:45:00	13.9	12.5	12.1	14.8	5.8	5.5	6.3	5.4	-0.133	0.000	0.000	0.000
15:00:00	14.3	13.6	12.5	15.6	6.0	5.8	6.6	5.7	-0.135	0.000	0.000	0.000
15:15:00	13.7	13.1	12.1	13.5	5.7	5.6	6.2	5.4	-0.143	0.000	0.000	0.000
15:30:00	25.9	13.5	12.4	14.1	7.5	6.0	6.4	5.8	-0.145	0.000	0.000	0.000
15:45:00	38.8		12.8	15.1	8.8		6.7	5.8	-0.142	0.000	0.000	0.000
16:00:00	15.5	15.9	13.1	15.5	6.3	8.4	6.7	6.0	-0.163	0.000	0.000	0.000
16:15:00	18.3	14.1	12.9	14.7	6.5	6.3	6.6	5.9	-0.178	0.000	0.000	0.000
16:30:00	13.3	13.6	12.3	13.4	5.9	6.1	6.2	5.7	-0.221	0.000	0.000	0.000
16:45:00	13.1	13.0	12.8	15.1	5.6	5.8	6.3	5.6	-0.249	0.000	0.000	0.000
17:00:00	42.6	13.4	13.4	14.4	8.9	6.3	6.3	5.9	-0.264	0.000	0.000	0.000
17:15:00	14.8	14.4	14.4	17.2	6.4	6.5	7.2	6.3	-0.257	0.000	0.000	0.000
17:30:00	64.3	14.4	13.8	15.3	13.2	6.6	6.8	6.2	-0.226	0.000	0.000	0.000
17:45:00	13.8	14.3	13.4	17.1	6.1	6.7	6.9	5.9	-0.182	0.000	0.000	0.000
18:00:00	15.1	14.5	13.6	15.8	6.5	6.9	7.3	6.4	-0.137	0.000	0.000	0.000
18:15:00	14.7	13.8	13.4	15.2	6.4	6.4	6.9	6.3	-0.094	0.001	0.000	0.000
18:30:00	13.7	12.6	12.5	14.1	5.9	5.8	6.3	5.7	-0.077	0.000	0.000	0.000
18:45:00	12.0	11.1	10.9	12.2	5.4	5.3	5.6	5.0	-0.057	0.000	0.000	0.000
19:00:00	11.3	10.6	10.9	11.5	5.1	5.0	5.3	4.9	-0.039	0.002	0.000	0.000
19:15:00	11.2	10.2	10.9	10.7	5.0	5.0	5.1	4.8	-0.021	0.003	0.000	0.000
19:30:00	10.9	10.3	11.0	11.4	4.9	5.0	5.2	4.8	-0.008	0.000	0.000	0.000
19:45:00	10.7	10.2	11.3	10.8	4.9	5.0	5.0	4.8	0.001	0.001	0.000	0.000
20:00:00	10.9	9.7	11.3	10.9	4.9	4.9	5.2	4.9	0.005	0.000	0.016	0.001
20:15:00	10.5	10.2	11.0	11.2	4.8	5.4	5.3	5.0	0.004	0.001	0.018	0.002
20:30:00	143.1	9.7	11.5	11.7	21.8	5.1	5.4	5.1	0.003	0.000	0.023	0.001
20:45:00	10.9	10.4	11.9	11.5	5.0	5.4	5.5	5.0	0.003	0.000	0.015	0.000
21:00:00	10.8	10.5	13.3	11.4	5.1	5.3	5.3	5.5	-0.002	0.000	0.015	0.000
21:15:00	30.1	10.6	12.4	15.7	8.1	5.3	5.9	5.4	-0.009	0.000	0.015	0.000
21:30:00	34.8	11.0	15.9	13.1	8.7	5.3	5.5	5.9	-0.019	0.000	0.015	0.000
21:45:00	11.4	11.9	12.0	15.5	5.1	5.7	5.7	5.3	-0.020	0.000	0.013	0.000
22:00:00	11.3	11.3	15.7	11.3	5.1	5.5	5.2	5.8	-0.026	0.000	0.011	0.000
22:15:00	14.5	11.6	14.3	16.9	5.4	5.8	6.3	5.8	-0.034	0.000	0.007	0.000
22:30:00	12.2	11.1	16.0	12.8	5.5	5.6	5.5	5.9	-0.038	0.000	0.005	0.000
22:45:00	11.9	11.4	15.1	11.7	5.6	6.0	5.4	5.8	-0.040	0.000	0.004	0.000
23:00:00	11.5	11.3	13.7	11.2	5.6	5.8	5.2	5.8	-0.047	0.000	0.003	0.000
23:15:00	11.6	12.4	14.3	11.4	5.5	6.5	5.2	5.9	-0.053	0.000	0.001	0.000
23:30:00	13.3	12.5	12.9	10.8	5.7	6.6	5.4	5.6	-0.058	0.000	0.000	0.000
23:45:00	17.7	11.8	14.8	10.6	6.0	6.3	5.4	5.8	-0.061	0.000	0.000	0.000



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