



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-03

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1200 Max : 13.51	2943 E	2995 NNE	2996 ESE	2997 N	Min : 66.20 Max : 98.96	Min : 43.00 Max : 90.90	Min : 29.81 Max : 30.05

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	16.3	119.5	5.6	19.2	-0.046	0.066
2995	11.3	16.7	4.9	8.3	0.006	0.057
2996	12.8	19.6	5.3	7.7	0.004	0.034
2997	12.5	21.1	5.0	7.9	0.003	0.027

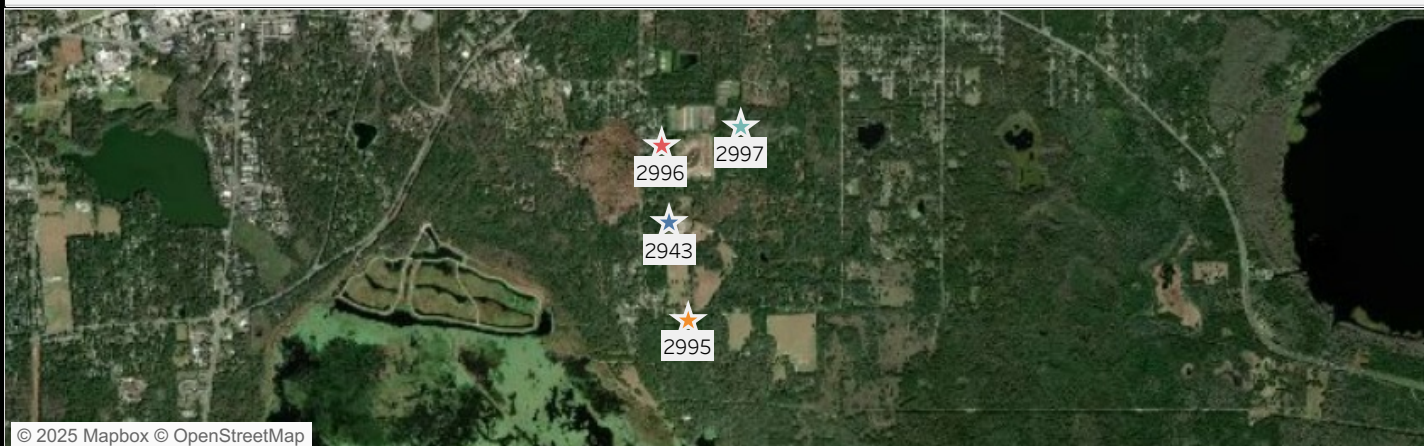


Figure 1 : Monitoring Locations

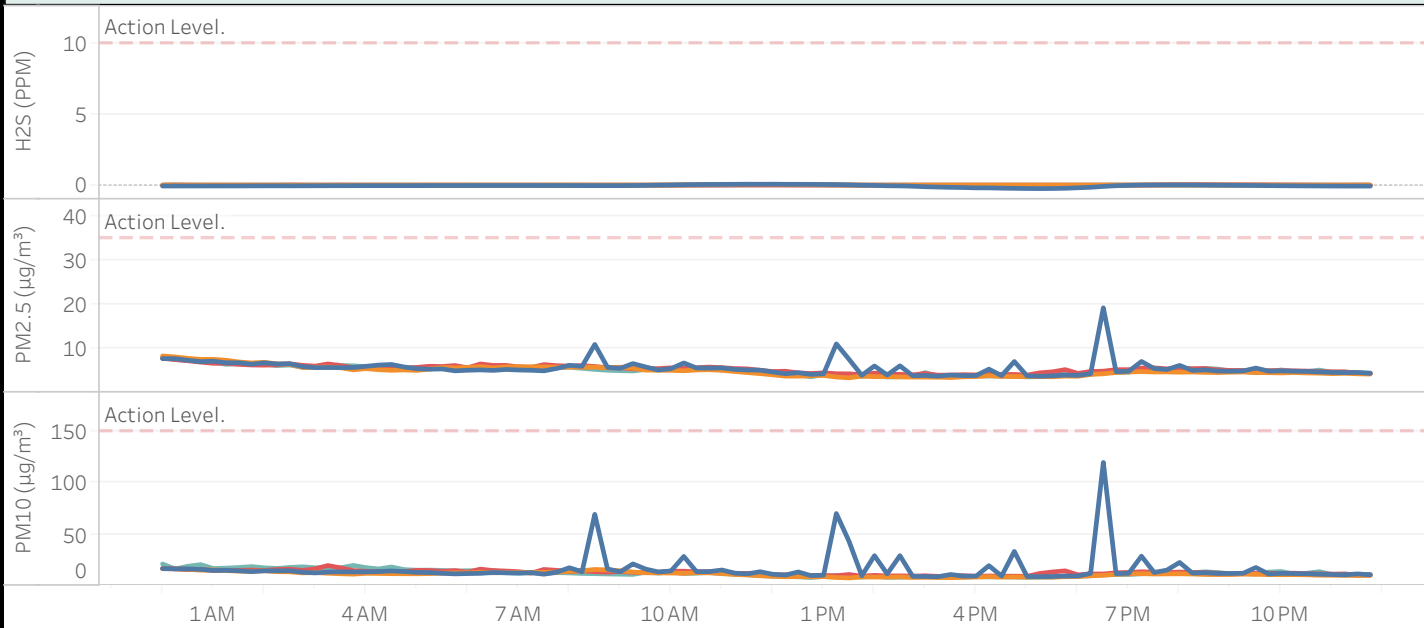


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2995 ■ 2996 ■ 2997



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Wind Rose Chart 2943

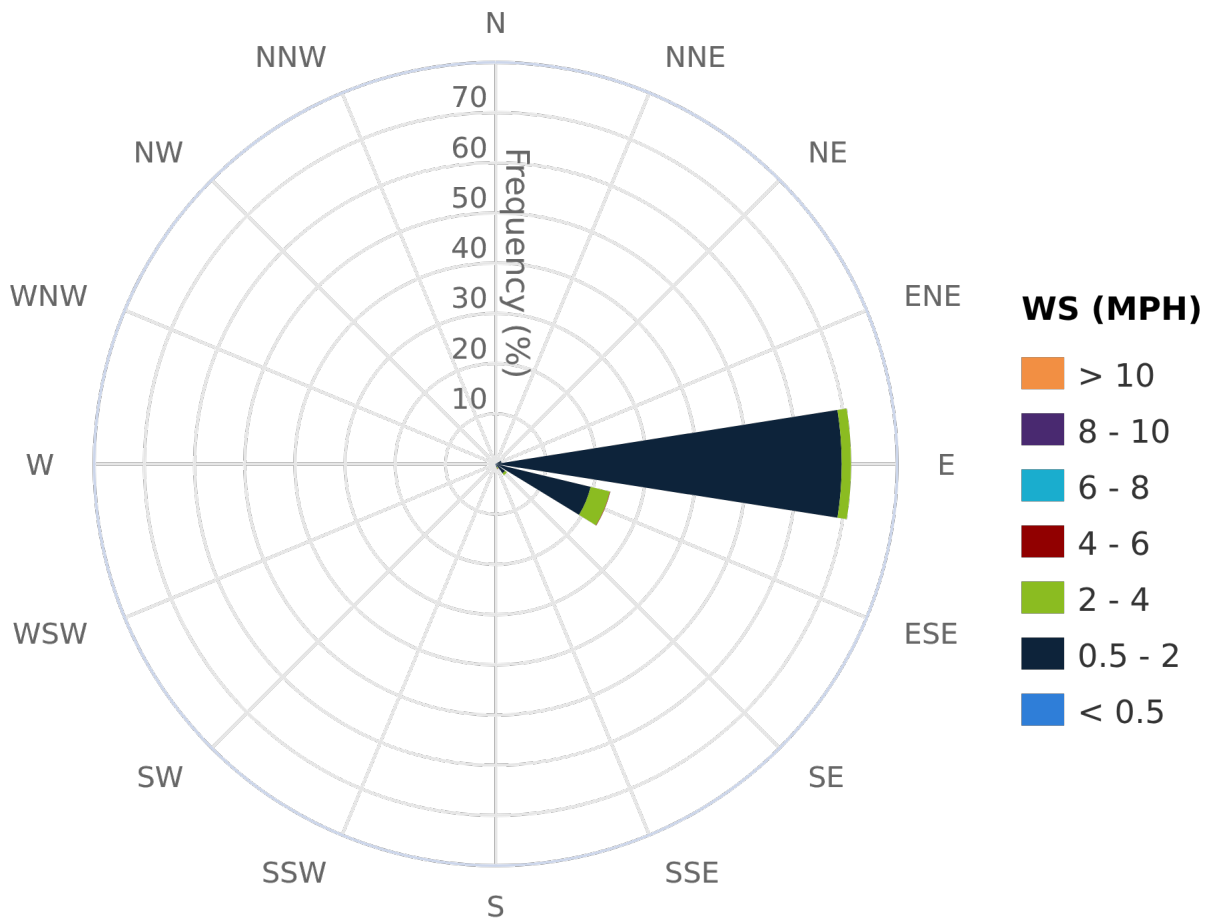


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

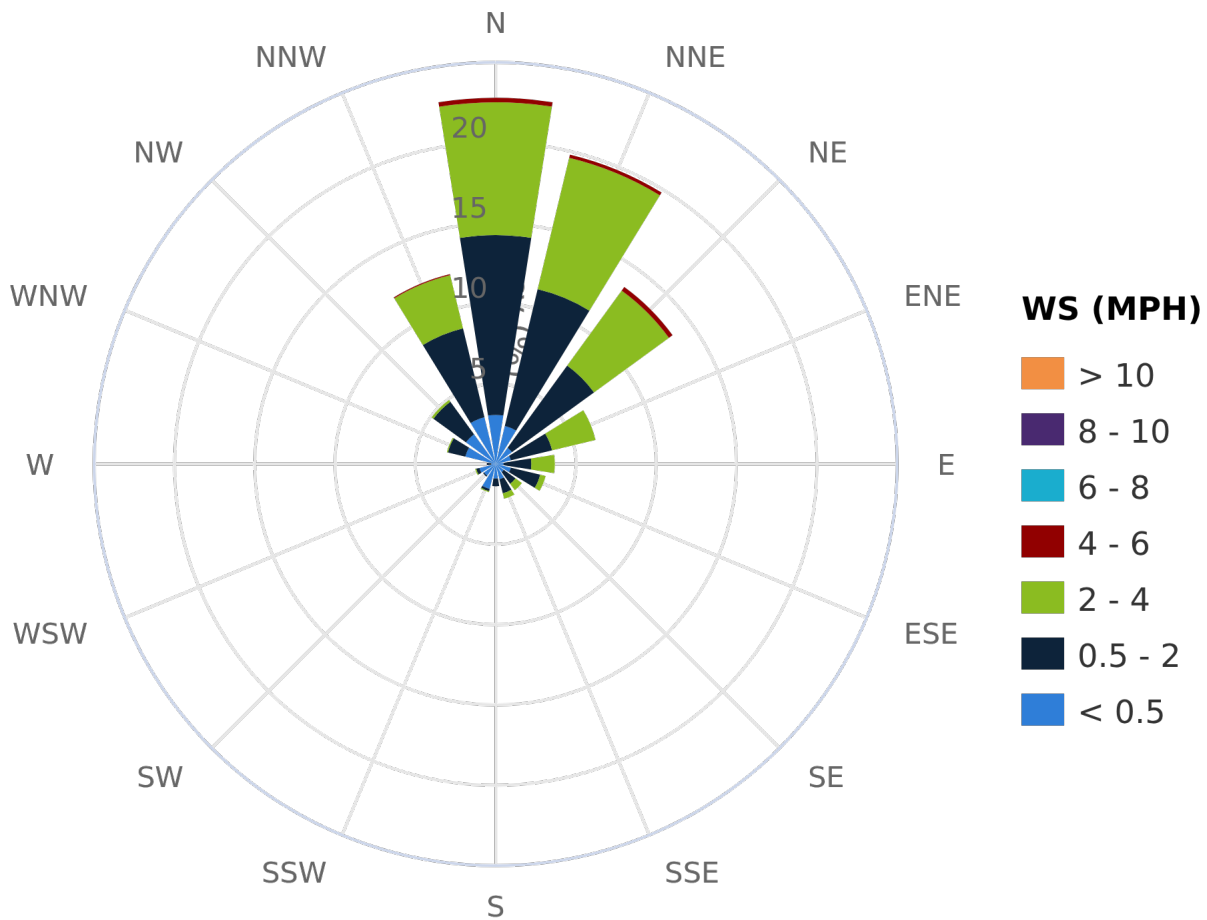


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

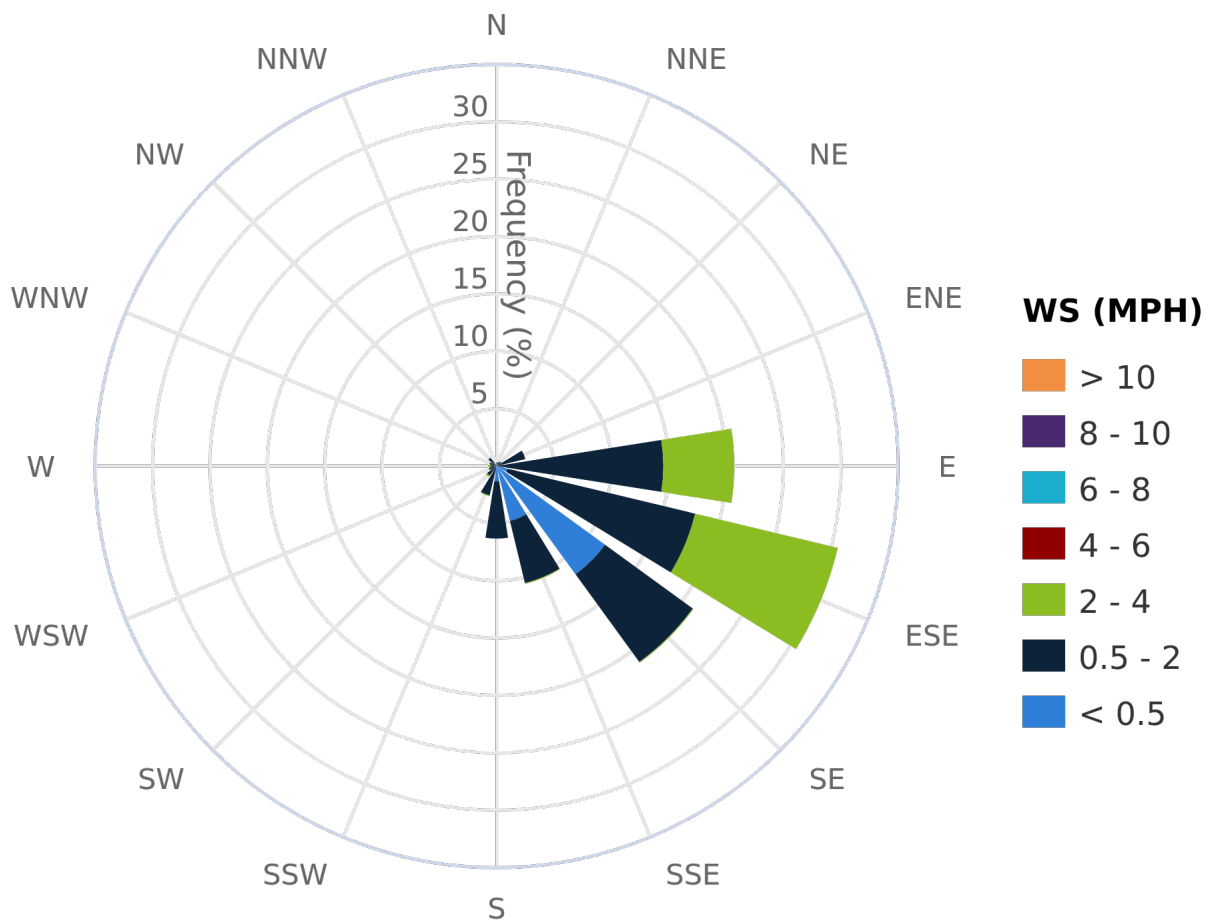


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

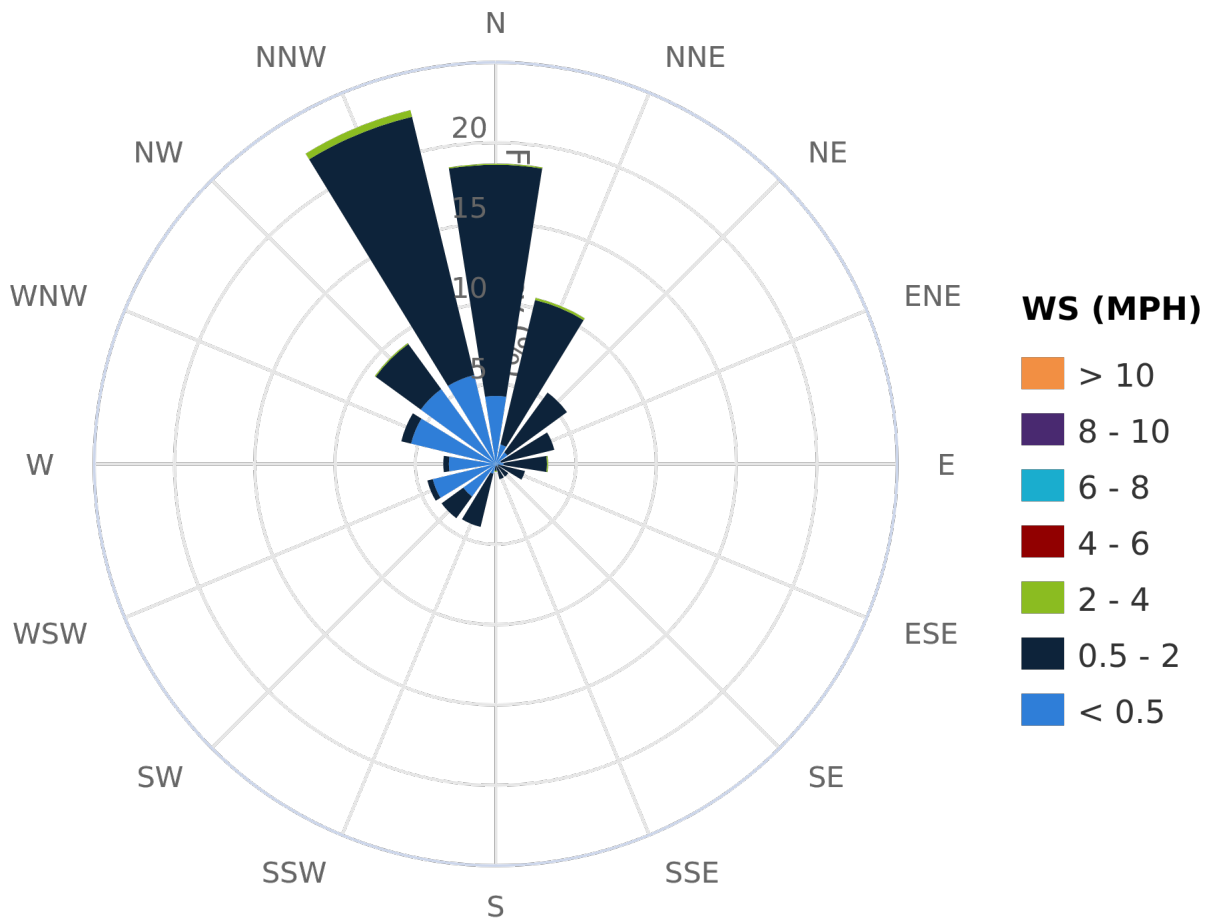


Figure 3 : Wind Rose Chart (WS in MPH)



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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	16.7	16.7	21.1	16.5	7.7	8.3	7.7	7.9	-0.062	0.000	0.001	0.000
00:15:00	16.4	16.5	16.2	16.4	7.7	8.1	7.5	7.5	-0.061	0.000	0.014	0.000
00:30:00	16.3	16.0	18.9	15.6	7.3	7.8	7.2	7.3	-0.060	0.000	0.002	0.000
00:45:00	15.9	15.1	20.5	15.9	7.0	7.5	6.9	7.1	-0.059	0.000	0.000	0.000
01:00:00	14.8	15.4	16.7	14.8	7.1	7.5	6.6	6.9	-0.058	0.000	0.000	0.000
01:15:00	15.0	14.7	17.1	14.9	6.8	7.3	6.6	6.4	-0.058	0.000	0.000	0.000
01:30:00	14.5	14.2	17.7	14.9	6.7	6.9	6.4	6.5	-0.057	0.000	0.000	0.000
01:45:00	13.7	14.0	18.6	15.2	6.4	6.7	6.3	6.4	-0.053	0.000	0.000	0.000
02:00:00	14.5	14.5	17.4	14.8	6.7	6.9	6.2	6.4	-0.050	0.000	0.001	0.000
02:15:00	14.5	13.7	16.8	15.7	6.5	6.5	6.3	6.1	-0.049	0.000	0.000	0.000
02:30:00	14.6	13.5	17.8	16.1	6.5	6.4	6.5	6.2	-0.051	0.000	0.008	0.000
02:45:00	13.1	12.5	18.3	14.9	5.9	5.7	6.2	5.8	-0.049	0.000	0.003	0.000
03:00:00	12.4	12.8	17.4	16.4	5.7	5.7	6.0	5.8	-0.046	0.000	0.000	0.000
03:15:00	13.3	12.1	17.5	19.6	5.7	5.8	6.5	5.7	-0.042	0.000	0.000	0.000
03:30:00	13.5	11.6	17.4	17.3	5.7	5.6	6.1	6.1	-0.042	0.000	0.005	0.000
03:45:00	13.4	11.3	19.7	14.7	5.7	5.1	5.7	6.1	-0.039	0.000	0.001	0.000
04:00:00	13.5	12.0	17.6	14.0	6.0	5.4	5.7	5.9	-0.037	0.000	0.000	0.000
04:15:00	13.8	11.9	16.3	13.5	6.2	5.2	5.9	5.4	-0.037	0.000	0.000	0.000
04:30:00	14.4	11.7	18.2	13.7	6.4	5.0	5.6	5.9	-0.036	0.000	0.000	0.000
04:45:00	13.7	11.7	15.6	13.7	5.8	5.1	5.6	5.5	-0.036	0.000	0.000	0.000
05:00:00	13.0	11.6	15.1	15.0	5.4	5.0	5.7	5.6	-0.033	0.000	0.000	0.000
05:15:00	12.8	11.8	15.2	14.8	5.3	5.3	6.0	5.8	-0.030	0.000	0.000	0.000
05:30:00	12.0	12.3	14.9	14.0	5.4	5.7	5.9	5.8	-0.030	0.000	0.000	0.000
05:45:00	11.5	12.5	14.3	14.7	4.9	5.6	6.1	5.6	-0.030	0.000	0.000	0.000
06:00:00	11.8	12.5	14.6	13.2	5.1	5.7	5.6	5.6	-0.031	0.000	0.000	0.000
06:15:00	12.0	13.0	14.3	16.1	5.1	5.9	6.5	5.4	-0.028	0.000	0.000	0.000
06:30:00	12.8	12.5	15.0	14.7	5.0	5.6	6.1	5.6	-0.028	0.000	0.000	0.000
06:45:00	12.5	12.8	12.6	14.3	5.2	5.8	6.2	5.5	-0.028	0.000	0.000	0.000
07:00:00	12.3	12.9	12.3	13.7	5.1	5.9	5.8	5.4	-0.028	0.000	0.000	0.000
07:15:00	12.7	13.0	12.5	12.2	5.1	5.9	5.7	5.4	-0.027	0.000	0.000	0.000
07:30:00	11.2	13.0	12.0	15.8	4.9	5.8	6.3	5.4	-0.030	0.000	0.000	0.000
07:45:00	13.2	13.2	12.7	15.0	5.5	5.8	6.1	5.6	-0.030	0.000	0.000	0.000
08:00:00	17.4	13.9	12.5	13.7	6.2	5.8	6.0	5.7	-0.031	0.000	0.000	0.000
08:15:00	13.6	14.6	11.9	14.5	6.0	5.7	6.1	5.5	-0.032	0.000	0.000	0.000
08:30:00	69.2	15.8	11.7	13.6	10.9	5.8	5.9	5.3	-0.034	0.000	0.000	0.000
08:45:00	16.2	15.4	11.4	13.2	5.7	5.6	5.6	5.1	-0.034	0.000	0.000	0.000
09:00:00	13.5	14.5	11.2	13.9	5.5	5.8	5.6	5.0	-0.034	0.000	0.000	0.000
09:15:00	21.2	13.3	11.0	12.9	6.6	5.5	5.4	4.9	-0.028	0.000	0.000	0.000
09:30:00	16.2	12.6	13.1	12.9	5.8	5.1	5.4	5.3	-0.017	0.000	0.000	0.000
09:45:00	13.4	12.5	12.3	13.1	5.1	5.1	5.4	5.1	0.000	0.006	0.000	0.000
10:00:00	14.4	12.3	13.4	14.1	5.4	5.0	5.6	5.3	0.012	0.011	0.000	0.000
10:15:00	28.4	12.1	11.9	14.1	6.7	4.9	5.5	5.0	0.028	0.022	0.000	0.000
10:30:00	13.6	12.7	12.2	13.5	5.6	5.1	5.6	5.3	0.041	0.029	0.000	0.002
10:45:00	13.7	12.5	12.9	13.6	5.6	5.2	5.8	5.7	0.049	0.035	0.000	0.008
11:00:00	15.3	11.9	11.6	13.2	5.6	5.0	5.6	5.3	0.053	0.044	0.001	0.010
11:15:00	12.2	10.9	11.5	12.0	5.3	4.8	5.4	5.2	0.059	0.053	0.001	0.020
11:30:00	11.5	10.5	10.6	11.9	5.1	4.5	5.4	4.8	0.063	0.056	0.002	0.024
11:45:00	13.6	9.7	9.9	11.5	5.1	4.3	5.1	4.5	0.061	0.057	0.000	0.027



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12:00:00	11.1	9.1	9.2	10.6	4.7	4.0	4.8	4.3	0.066	0.051	0.001	0.027
12:15:00	10.4	8.7	9.3	10.7	4.3	3.7	4.8	4.2	0.057	0.042	0.001	0.027
12:30:00	13.4	8.8	8.6	10.0	4.5	3.7	4.5	4.0	0.058	0.036	0.000	0.024
12:45:00	9.8	8.7	8.0	9.9	4.1	3.8	4.3	3.6	0.054	0.030	0.000	0.024
13:00:00	10.3	8.8	8.9	10.0	4.3	3.9	4.5	4.1	0.046	0.027	0.000	0.019
13:15:00	70.0	8.0	9.8	9.7	11.0	3.5	4.3	4.0	0.038	0.019	0.000	0.006
13:30:00	42.9	7.6	8.9	10.9	7.5	3.3	4.2	3.7	0.021	0.007	0.000	0.003
13:45:00	9.7	8.6	8.4	9.3	3.9	3.7	4.0	3.7	-0.009	0.003	0.000	0.000
14:00:00	29.2	8.4	9.2	10.1	6.0	3.6	4.4	3.9	-0.021	0.000	0.000	0.000
14:15:00	11.5	8.4	8.2	9.5	4.0	3.6	4.2	3.5	-0.045	0.000	0.000	0.000
14:30:00	29.1	8.6	8.3	9.6	6.1	3.5	4.1	3.6	-0.054	0.000	0.000	0.000
14:45:00	9.2	8.0	8.6	9.3	3.8	3.5	4.0	3.6	-0.078	0.000	0.000	0.000
15:00:00	9.0	8.1	9.3	9.7	3.9	3.5	4.3	4.5	-0.113	0.000	0.000	0.000
15:15:00	8.7	8.0	8.2	9.1	3.7	3.5	4.0	3.6	-0.136	0.000	0.000	0.000
15:30:00	10.9	7.9	8.4	9.5	4.0	3.4	4.0	3.6	-0.156	0.000	0.000	0.000
15:45:00	9.4	8.2	8.3	9.7	3.8	3.6	4.1	3.7	-0.171	0.000	0.000	0.000
16:00:00	9.3	8.4	8.8	9.1	3.9	3.6	4.0	3.8	-0.193	0.000	0.000	0.000
16:15:00	19.5	8.8	8.6	9.5	5.3	3.8	4.1	3.8	-0.194	0.000	0.000	0.000
16:30:00	9.4	8.4	8.7	9.3	3.8	3.7	4.1	3.8	-0.214	0.000	0.000	0.000
16:45:00	33.3	8.6	8.4	9.3	7.0	3.6	4.1	3.7	-0.226	0.000	0.000	0.000
17:00:00	9.0	8.4	8.1	9.2	3.8	3.6	4.0	3.6	-0.238	0.000	0.000	0.000
17:15:00	8.9	8.6	8.1	11.9	3.7	3.6	4.5	3.6	-0.244	0.000	0.000	0.000
17:30:00	9.0	8.3	8.5	13.4	3.8	3.6	4.7	3.7	-0.237	0.000	0.000	0.000
17:45:00	9.4	8.8	9.6	14.5	4.0	3.7	5.2	4.5	-0.221	0.000	0.000	0.000
18:00:00	9.5	9.0	9.2	10.6	3.9	3.7	4.3	3.9	-0.187	0.000	0.000	0.000
18:15:00	12.0	9.7	9.6	11.4	4.3	4.1	4.8	4.2	-0.152	0.000	0.000	0.000
18:30:00	119.5	10.1	10.6	11.4	19.2	4.3	4.9	4.5	-0.091	0.002	0.000	0.000
18:45:00	11.7	11.1	10.8	12.6	4.7	4.6	5.2	4.5	-0.043	0.006	0.000	0.004
19:00:00	12.1	11.5	10.9	13.0	4.8	4.7	5.2	4.6	-0.017	0.004	0.000	0.005
19:15:00	28.7	11.8	11.6	13.6	7.0	4.7	5.5	5.0	0.004	0.005	0.002	0.008
19:30:00	12.9	11.4	11.9	13.2	5.4	4.7	5.6	5.1	0.010	0.007	0.015	0.005
19:45:00	15.2	11.5	12.0	12.8	5.2	4.7	5.4	5.2	0.012	0.003	0.025	0.005
20:00:00	22.6	11.6	12.6	13.3	6.2	4.6	5.5	5.4	0.011	0.000	0.032	0.003
20:15:00	12.3	11.4	12.5	12.9	5.0	4.7	5.4	5.3	0.010	0.000	0.033	0.002
20:30:00	12.6	10.9	13.5	12.8	5.1	4.6	5.4	5.5	0.002	0.000	0.034	0.003
20:45:00	11.9	10.9	12.8	12.2	4.9	4.5	5.1	5.3	-0.005	0.000	0.028	0.000
21:00:00	11.9	10.9	11.6	11.8	4.8	4.6	5.0	4.9	-0.012	0.000	0.026	0.000
21:15:00	12.1	11.3	11.9	11.9	4.9	4.7	5.0	4.8	-0.018	0.000	0.023	0.000
21:30:00	17.7	11.1	11.3	11.9	5.6	4.5	4.9	4.5	-0.025	0.000	0.022	0.000
21:45:00	11.4	10.8	13.3	12.1	4.9	4.5	5.0	4.7	-0.036	0.000	0.017	0.000
22:00:00	12.0	10.7	13.8	12.0	4.9	4.5	5.0	5.1	-0.044	0.000	0.012	0.000
22:15:00	11.8	10.7	11.3	12.2	4.8	4.5	4.9	4.7	-0.049	0.000	0.011	0.000
22:30:00	11.6	10.6	12.1	11.8	4.8	4.5	4.9	4.8	-0.056	0.000	0.007	0.000
22:45:00	11.2	10.3	13.7	11.5	4.7	4.4	4.8	5.1	-0.060	0.000	0.003	0.000
23:00:00	10.9	10.2	10.9	11.4	4.6	4.3	4.7	4.6	-0.065	0.000	0.000	0.000
23:15:00	10.6	10.0	11.5	11.2	4.5	4.4	4.7	4.6	-0.067	0.000	0.000	0.000
23:30:00	11.5	10.0	10.1	10.6	4.6	4.3	4.4	4.4	-0.068	0.000	0.006	0.000
23:45:00	10.6	10.1	11.1	10.3	4.4	4.2	4.3	4.4	-0.068	0.000	0.000	0.000



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