



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-28

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1570 Max : 13.98	2943 ESE	2995 NE	2996 E	2997 N	Min : 72.68 Max : 102.2	Min : 48.10 Max : 91.30	Min : 29.93 Max : 30.16

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	13.0	22.6	6.8	9.1	-0.034	0.072
2995	10.4	14.3	5.8	11.0	0.007	0.056
2996	13.5	22.2	7.4	10.0	0.002	0.051
2997	14.0	26.0	7.2	9.1	0.003	0.031

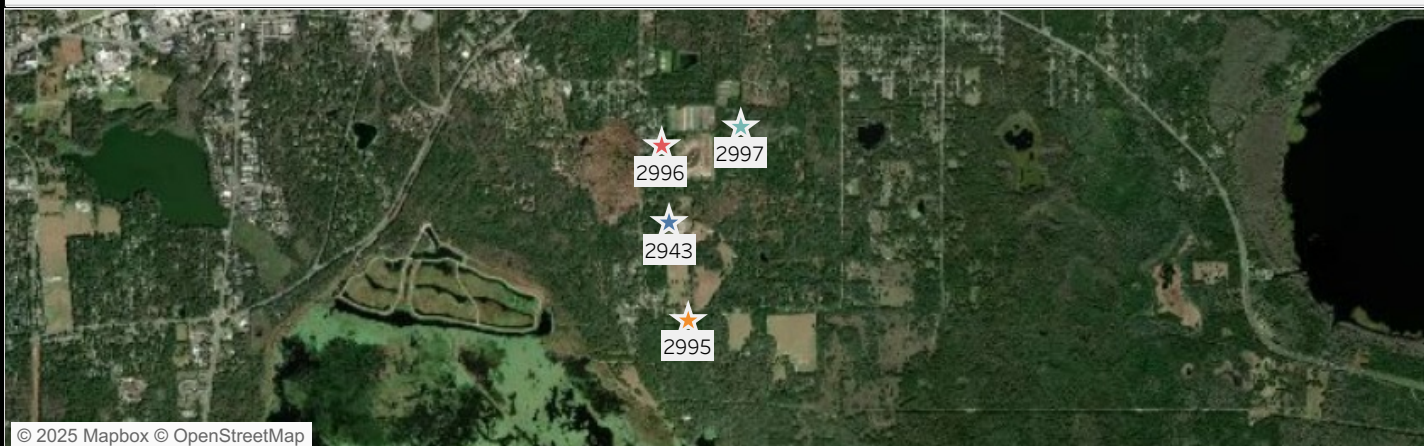


Figure 1 : Monitoring Locations

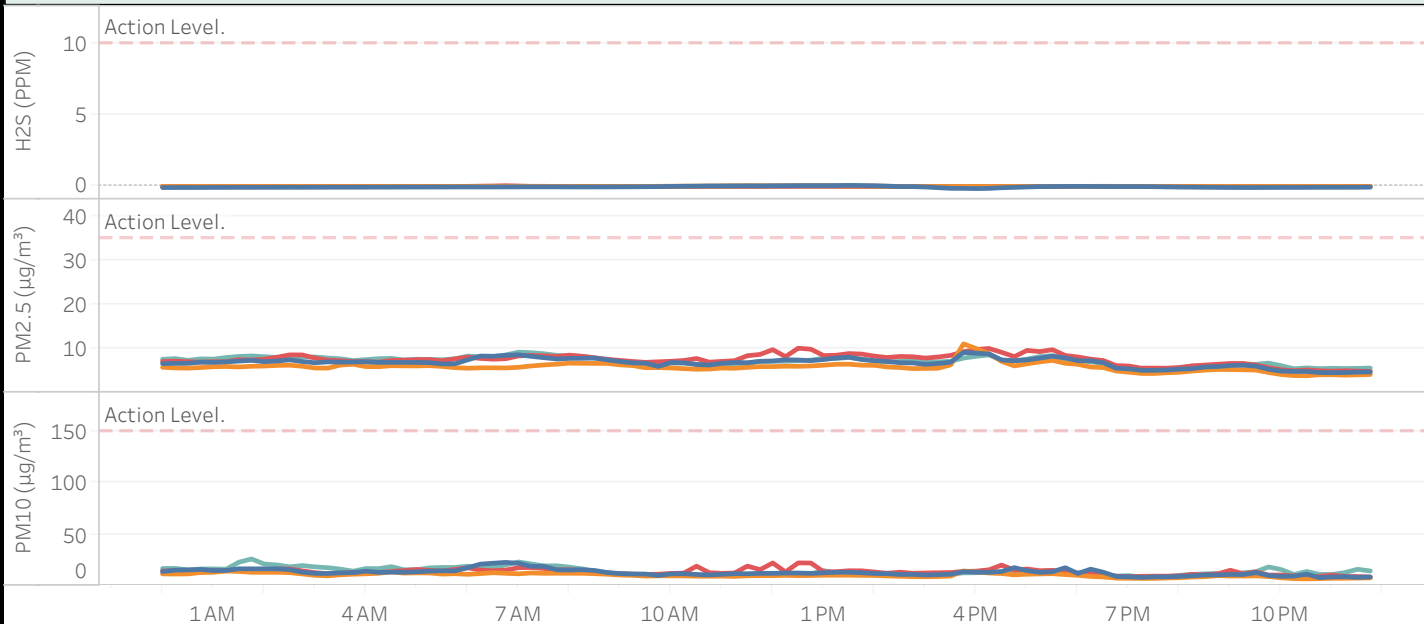


Figure 2 : 15 Minutes Average Concentrations

2943 2995 2996 2997



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Wind Rose Chart 2943

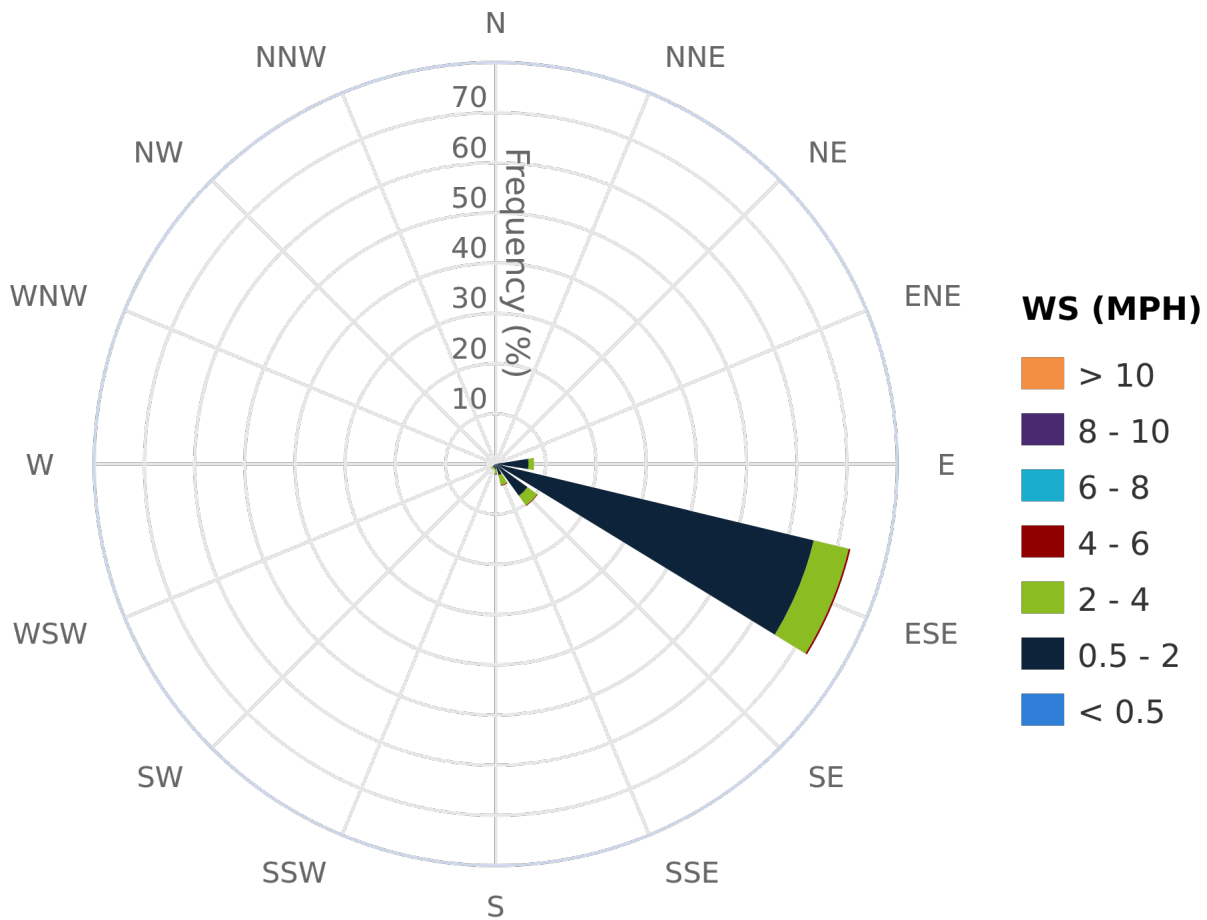


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

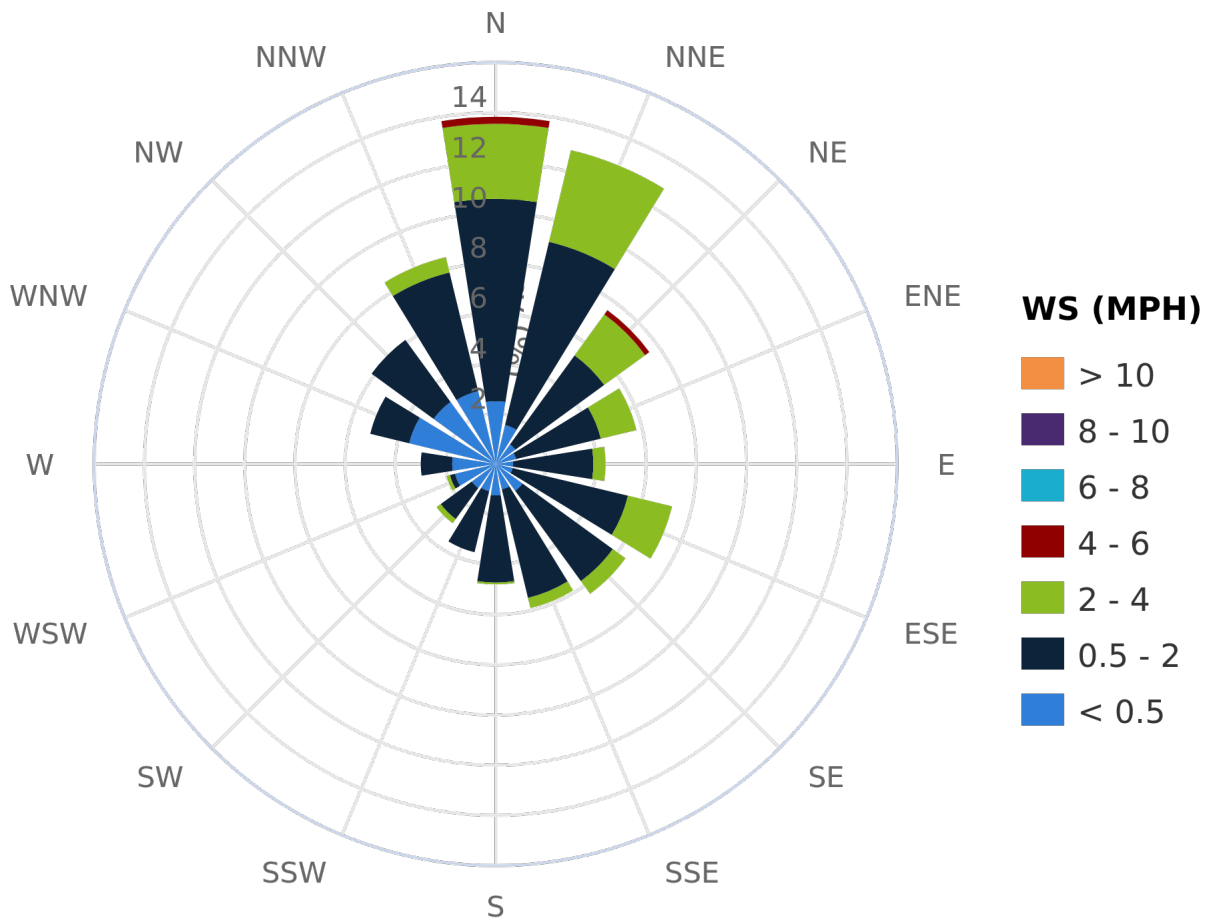


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

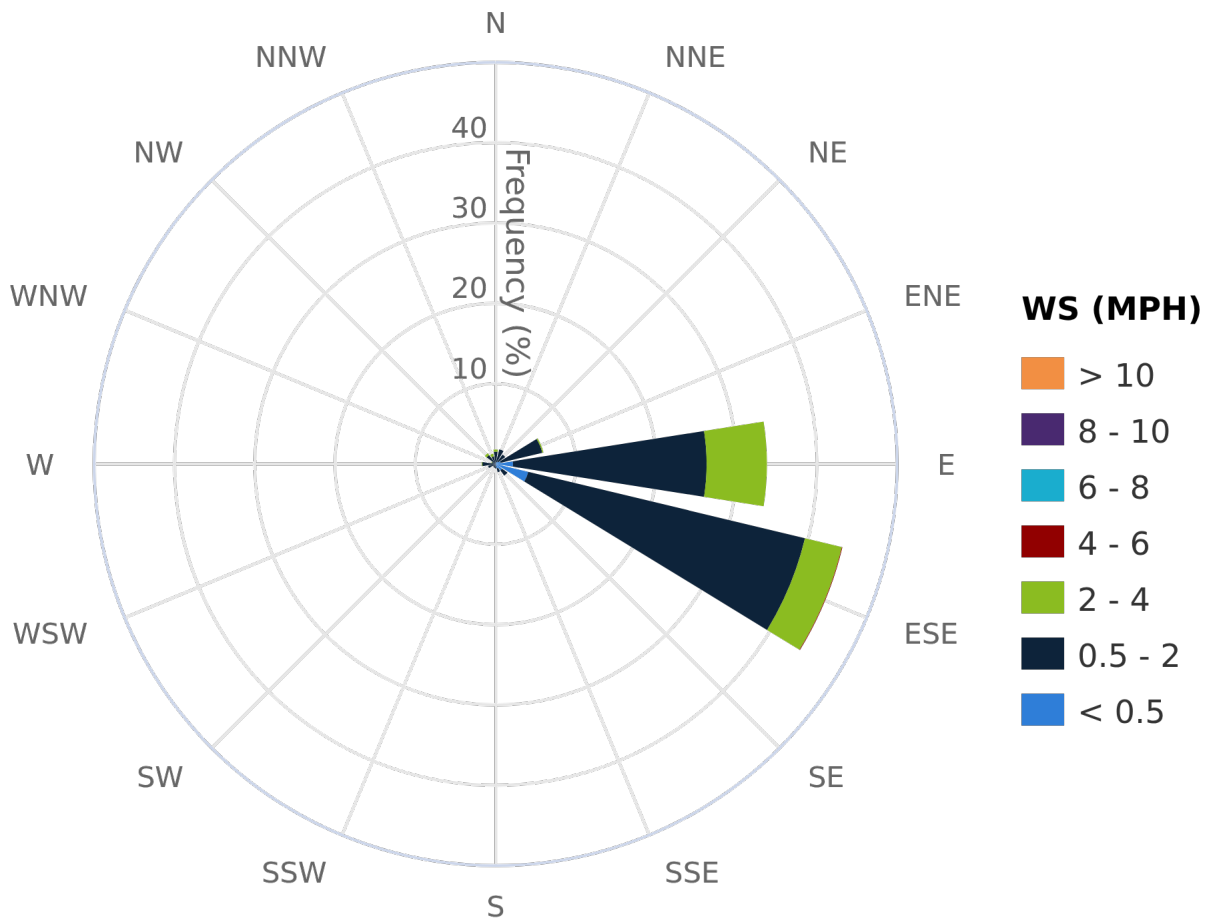


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

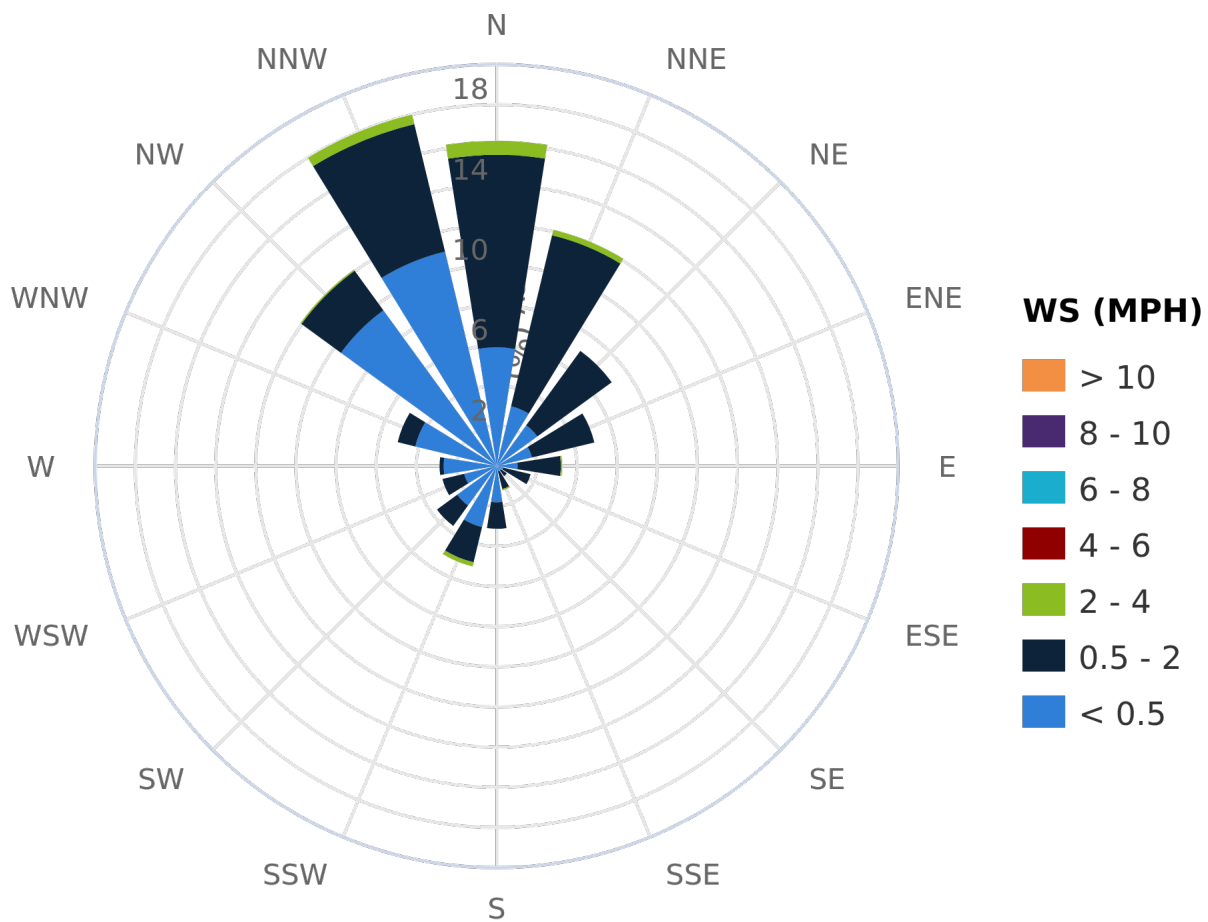


Figure 3 : Wind Rose Chart (WS in MPH)



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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	13.7	11.5	16.7	14.3	6.6	5.7	7.0	7.5	-0.079	0.000	0.006	0.000
00:15:00	15.1	11.4	16.8	14.5	6.6	5.6	7.1	7.7	-0.079	0.000	0.000	0.000
00:30:00	15.3	11.5	15.4	13.3	6.6	5.5	7.0	7.3	-0.075	0.000	0.004	0.000
00:45:00	15.8	12.8	16.3	14.0	6.9	5.7	6.9	7.6	-0.075	0.000	0.000	0.000
01:00:00	14.7	13.0	16.4	14.5	6.8	5.9	7.0	7.6	-0.072	0.000	0.000	0.000
01:15:00	14.9	14.3	16.0	14.5	7.0	5.9	7.0	7.9	-0.070	0.000	0.000	0.000
01:30:00	16.4	13.8	22.8	16.0	7.1	5.8	7.5	8.2	-0.066	0.000	0.000	0.000
01:45:00	16.4	13.0	26.0	15.0	7.3	6.0	7.4	8.3	-0.067	0.000	0.000	0.000
02:00:00	16.4	13.0	21.1	15.0	7.0	6.0	7.6	8.1	-0.064	0.000	0.000	0.000
02:15:00	16.4	13.0	20.2	16.2	7.1	6.2	8.0	8.0	-0.062	0.000	0.000	0.000
02:30:00	15.6	12.7	18.3	16.3	7.4	6.2	8.5	8.1	-0.061	0.000	0.000	0.000
02:45:00	13.2	11.5	19.6	14.4	7.0	6.0	8.5	8.0	-0.062	0.000	0.000	0.000
03:00:00	12.0	10.1	18.3	12.7	6.8	5.6	7.8	8.1	-0.060	0.000	0.000	0.000
03:15:00	11.9	9.6	17.5	11.7	6.9	5.5	7.4	7.8	-0.057	0.000	0.000	0.000
03:30:00	12.5	10.6	16.1	12.2	6.9	6.2	7.2	7.6	-0.055	0.000	0.000	0.000
03:45:00	12.7	11.2	14.1	12.9	6.9	6.4	7.0	7.3	-0.056	0.000	0.007	0.000
04:00:00	14.1	11.6	16.7	12.7	7.0	5.9	7.0	7.5	-0.054	0.000	0.004	0.000
04:15:00	13.0	12.1	16.6	12.6	6.8	5.9	6.9	7.7	-0.051	0.000	0.000	0.000
04:30:00	13.2	13.4	18.5	14.0	6.8	6.1	7.3	7.7	-0.048	0.000	0.001	0.000
04:45:00	13.2	12.3	15.5	14.7	6.8	6.0	7.3	7.4	-0.045	0.000	0.001	0.000
05:00:00	13.5	12.5	15.5	15.8	6.8	6.0	7.4	7.6	-0.045	0.000	0.000	0.000
05:15:00	14.2	12.4	17.3	14.9	6.8	6.1	7.5	7.5	-0.043	0.000	0.000	0.000
05:30:00	14.5	11.3	17.7	14.3	6.5	5.9	7.2	7.4	-0.042	0.000	0.000	0.000
05:45:00	14.4	11.7	17.8	15.8	6.5	5.6	7.6	7.7	-0.038	0.000	0.000	0.000
06:00:00	17.5	11.1	19.0	17.5	7.4	5.5	8.0	8.3	-0.037	0.000	0.006	0.000
06:15:00	21.0	11.8	18.1	15.2	8.3	5.6	7.7	8.1	-0.039	0.000	0.019	0.000
06:30:00	21.8	12.6	17.9	14.6	8.2	5.6	7.6	8.1	-0.039	0.000	0.030	0.000
06:45:00	22.6	12.1	20.2	15.2	8.4	5.6	7.7	8.5	-0.034	0.000	0.051	0.000
07:00:00	21.7	11.6	23.1	17.6	8.6	5.7	8.3	9.1	-0.032	0.000	0.029	0.000
07:15:00	18.8	12.4	21.1	17.6	8.2	6.0	8.4	9.0	-0.030	0.000	0.009	0.000
07:30:00	18.8	12.0	19.3	16.8	7.9	6.3	8.3	8.8	-0.030	0.000	0.009	0.000
07:45:00	15.5	12.1	19.4	15.4	7.6	6.4	8.2	8.4	-0.031	0.000	0.000	0.000
08:00:00	15.2	12.1	18.0	15.6	7.7	6.7	8.5	8.2	-0.035	0.000	0.000	0.000
08:15:00	15.6	12.1	16.4	14.7	7.8	6.6	8.2	8.2	-0.038	0.000	0.000	0.000
08:30:00	14.8	11.7	14.0	13.4	7.8	6.6	7.9	7.9	-0.036	0.000	0.000	0.000
08:45:00	12.8	11.2	12.3	12.4	7.4	6.6	7.5	7.4	-0.033	0.000	0.000	0.000
09:00:00	11.8	10.4	11.1	11.8	7.0	6.3	7.3	7.0	-0.031	0.000	0.000	0.000
09:15:00	11.5	10.1	10.6	11.2	6.7	6.1	7.0	6.8	-0.027	0.000	0.000	0.000
09:30:00	11.3	9.3	10.4	10.9	6.7	5.6	6.8	6.6	-0.020	0.001	0.000	0.000
09:45:00	10.0	9.6	10.3	11.2	5.9	5.7	7.0	6.6	-0.011	0.007	0.000	0.000
10:00:00	11.5	9.6	10.9	12.0	6.8	5.6	7.1	6.6	0.002	0.016	0.000	0.000
10:15:00	11.7	9.5	10.7	12.2	6.7	5.4	7.3	6.7	0.013	0.019	0.000	0.000
10:30:00	11.0	9.3	10.2	19.0	6.4	5.3	7.7	6.4	0.022	0.023	0.000	0.000
10:45:00	10.5	9.2	9.9	12.7	6.2	5.3	6.9	6.2	0.032	0.029	0.000	0.002
11:00:00	11.1	9.3	10.3	12.1	6.6	5.6	7.1	6.4	0.032	0.039	0.000	0.005
11:15:00	11.7	9.1	10.4	12.4	6.8	5.5	7.2	6.5	0.036	0.045	0.000	0.011
11:30:00	11.7	9.6	10.7	19.1	6.8	5.7	8.3	6.6	0.039	0.049	0.000	0.017
11:45:00	12.0	9.8	11.1	15.6	7.1	5.9	8.6	7.1	0.034	0.048	0.001	0.027



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12:00:00	12.0	9.8	11.5	22.1	7.1	5.9	9.7	7.1	0.041	0.043	0.003	0.031
12:15:00	12.3	10.1	11.2	13.4	7.4	6.0	8.1	7.1	0.046	0.052	0.002	0.030
12:30:00	12.4	9.8	11.6	22.2	7.4	6.0	10.0	7.2	0.056	0.052	0.003	0.027
12:45:00	12.0	10.0	11.4	22.0	7.2	6.0	9.8	7.3	0.056	0.050	0.004	0.025
13:00:00	12.6	10.2	14.7	13.6	7.5	6.2	8.4	7.8	0.055	0.056	0.004	0.026
13:15:00	13.1	10.2	12.1	13.6	7.8	6.4	8.5	7.7	0.060	0.044	0.002	0.024
13:30:00	13.1	10.3	12.9	14.6	8.0	6.4	8.8	8.0	0.072	0.037	0.000	0.025
13:45:00	12.6	10.1	11.9	14.5	7.5	6.2	8.7	7.5	0.061	0.031	0.000	0.011
14:00:00	11.9	10.0	11.5	13.3	7.2	6.2	8.3	7.2	0.048	0.028	0.000	0.002
14:15:00	11.7	9.5	11.3	12.1	7.1	5.8	7.9	6.9	0.021	0.014	0.000	0.000
14:30:00	11.0	9.2	11.1	13.2	6.8	5.7	8.2	7.1	-0.010	0.000	0.000	0.000
14:45:00	11.0	8.8	11.2	12.1	6.7	5.4	8.1	7.1	-0.011	0.000	0.000	0.000
15:00:00	10.4	8.8	11.3	12.4	6.4	5.5	7.8	7.0	-0.041	0.000	0.000	0.000
15:15:00	10.8	8.9	11.1	12.6	6.6	5.5	8.1	6.9	-0.088	0.000	0.000	0.000
15:30:00	11.2	9.5	11.4	12.8	6.9	6.3	8.4	7.1	-0.133	0.000	0.000	0.000
15:45:00	13.6	14.3	12.5	13.9	9.1	11.0	9.2	7.8	-0.137	0.000	0.000	0.000
16:00:00	13.2	13.4	12.6	14.2	8.9	10.0	9.8	8.2	-0.151	0.000	0.000	0.000
16:15:00	13.0	12.4	13.0	15.4	8.7	8.8	10.0	8.5	-0.136	0.000	0.000	0.000
16:30:00	13.9	11.8	12.7	20.1	7.4	7.1	9.1	7.3	-0.090	0.000	0.000	0.000
16:45:00	17.6	10.6	12.6	15.1	7.2	6.0	8.1	7.2	-0.068	0.000	0.000	0.000
17:00:00	14.7	11.2	12.8	16.3	7.4	6.5	9.5	7.6	-0.037	0.000	0.000	0.000
17:15:00	13.0	11.4	12.8	14.6	7.8	7.0	9.3	8.1	-0.012	0.000	0.000	0.001
17:30:00	13.6	11.7	12.8	14.9	8.2	7.3	9.7	8.4	-0.006	0.004	0.000	0.003
17:45:00	17.5	10.9	12.0	13.4	7.9	6.6	8.4	7.5	0.000	0.000	0.000	0.000
18:00:00	11.9	10.1	11.3	12.4	7.2	6.4	8.1	7.3	0.003	0.000	0.005	0.000
18:15:00	16.1	9.0	11.3	11.7	7.2	5.8	7.6	7.0	0.000	0.000	0.005	0.000
18:30:00	13.1	8.5	10.6	11.7	6.8	5.7	7.3	6.6	-0.005	0.000	0.008	0.000
18:45:00	9.0	7.4	9.4	9.3	5.5	4.9	6.1	5.8	-0.009	0.000	0.006	0.000
19:00:00	8.6	7.3	9.8	8.8	5.4	4.6	6.0	5.7	-0.008	0.000	0.004	0.000
19:15:00	8.1	7.1	8.4	9.2	5.0	4.3	5.5	5.2	-0.010	0.000	0.005	0.000
19:30:00	8.6	7.2	9.2	9.3	5.0	4.3	5.6	5.4	-0.019	0.000	0.003	0.000
19:45:00	8.7	7.5	8.9	9.4	5.1	4.5	5.5	5.3	-0.034	0.000	0.003	0.000
20:00:00	9.0	7.8	10.1	9.6	5.3	4.6	5.7	5.6	-0.046	0.000	0.001	0.000
20:15:00	9.7	8.5	10.9	11.1	5.4	4.9	6.1	6.0	-0.051	0.000	0.000	0.000
20:30:00	10.4	8.8	11.6	10.7	5.8	5.1	6.2	6.0	-0.062	0.000	0.000	0.000
20:45:00	10.5	9.8	11.9	11.6	5.9	5.2	6.4	6.3	-0.069	0.000	0.000	0.000
21:00:00	11.0	9.4	11.8	15.0	6.1	5.2	6.6	6.5	-0.075	0.000	0.000	0.000
21:15:00	10.9	9.4	12.5	11.6	6.2	5.2	6.6	6.4	-0.078	0.000	0.000	0.000
21:30:00	12.8	9.6	13.7	13.5	6.0	5.1	6.2	6.4	-0.078	0.000	0.000	0.000
21:45:00	10.0	8.9	18.2	10.3	5.3	4.6	5.7	6.7	-0.074	0.000	0.000	0.000
22:00:00	9.1	7.7	15.7	10.4	4.9	4.1	5.2	6.1	-0.071	0.000	0.000	0.000
22:15:00	9.3	6.9	10.9	9.6	4.8	3.9	4.9	5.4	-0.072	0.000	0.000	0.000
22:30:00	11.2	6.7	13.8	8.6	4.8	3.8	5.1	5.6	-0.069	0.000	0.000	0.000
22:45:00	7.9	6.9	11.1	9.0	4.5	4.0	4.9	5.4	-0.063	0.000	0.000	0.000
23:00:00	8.6	7.3	10.9	10.4	4.5	4.1	4.9	5.5	-0.062	0.000	0.000	0.000
23:15:00	8.8	7.3	12.7	9.0	4.5	4.0	5.0	5.5	-0.061	0.000	0.000	0.000
23:30:00	8.2	7.4	16.0	8.9	4.6	4.0	4.9	5.5	-0.061	0.000	0.000	0.000
23:45:00	8.5	7.7	14.3	8.5	4.7	4.1	4.8	5.6	-0.051	0.000	0.000	0.000



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