



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-16

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1340 Max : 14.56	2943 SE	2995 ENE	2996 NE	2997 W	Min : 74.30 Max : 100.9	Min : 57.00 Max : 96.90	Min : 29.73 Max : 30.14

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	13.3	22.5	5.2	9.2	-0.019	0.076
2995	10.3	17.4	4.3	7.5	0.009	0.065
2996	11.9	18.9	5.5	9.3	0.001	0.015
2997	13.8	31.4	5.2	8.7	0.004	0.037

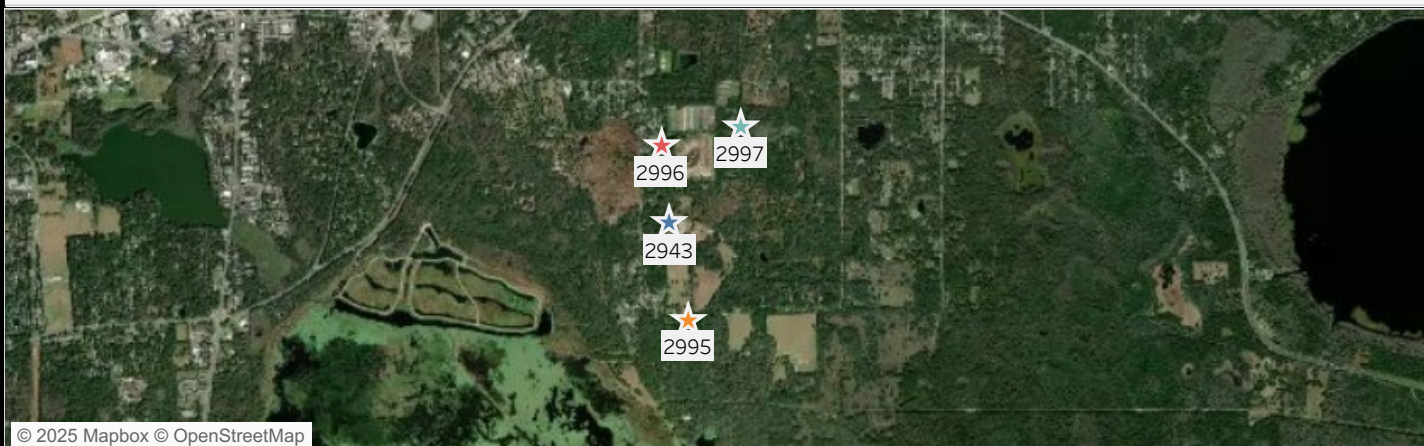


Figure 1 : Monitoring Locations

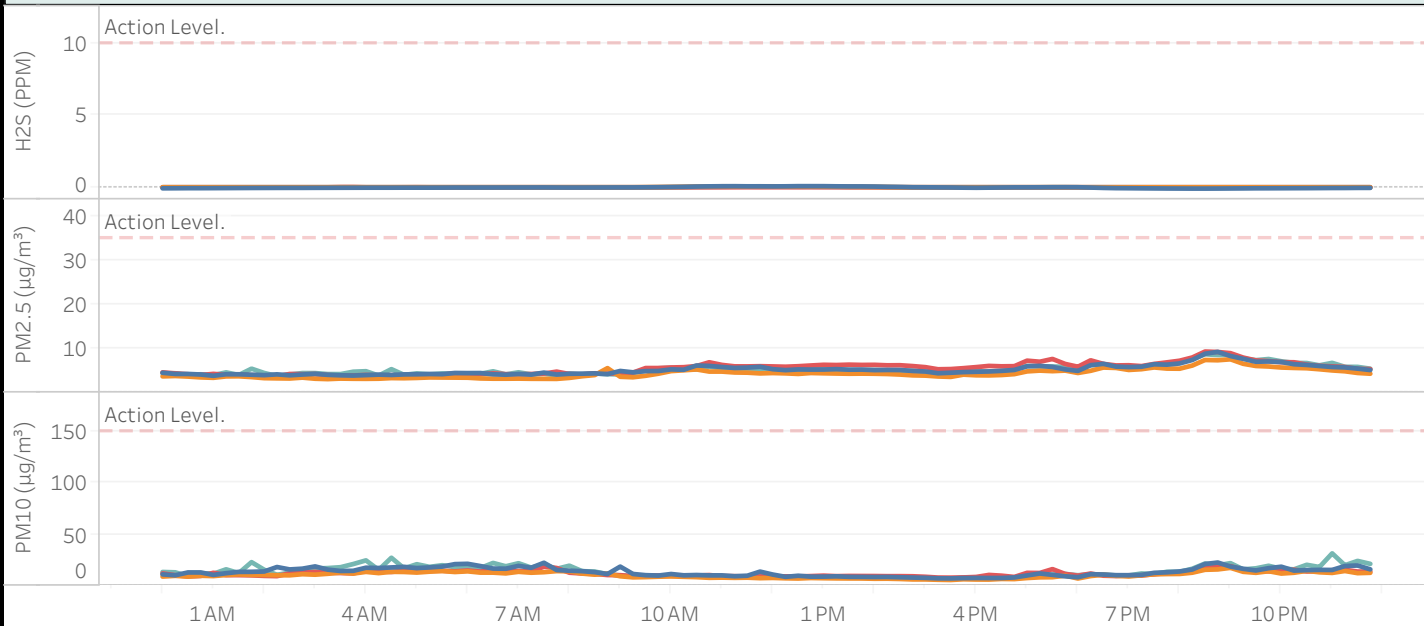


Figure 2 : 15 Minutes Average Concentrations

2943 2995 2996 2997



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Wind Rose Chart 2943

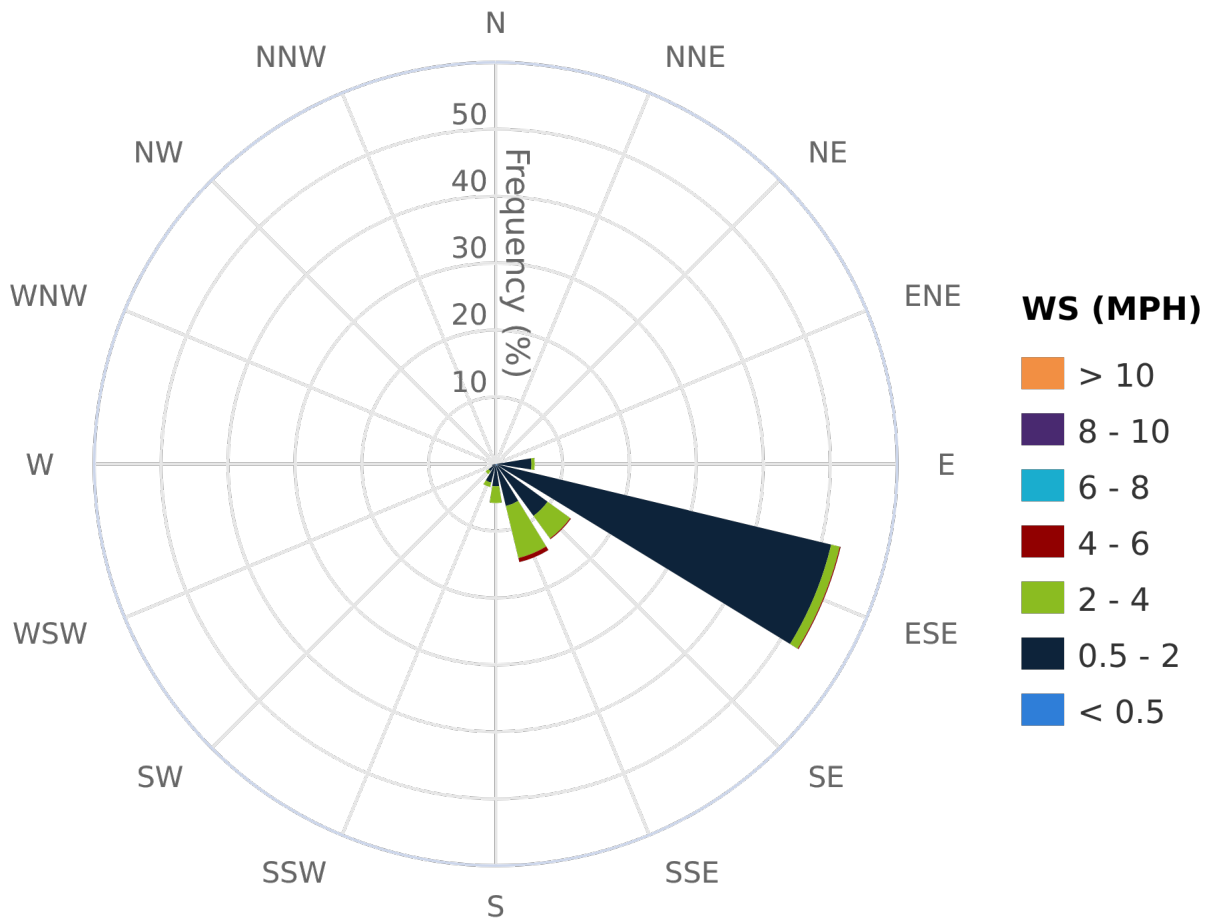


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

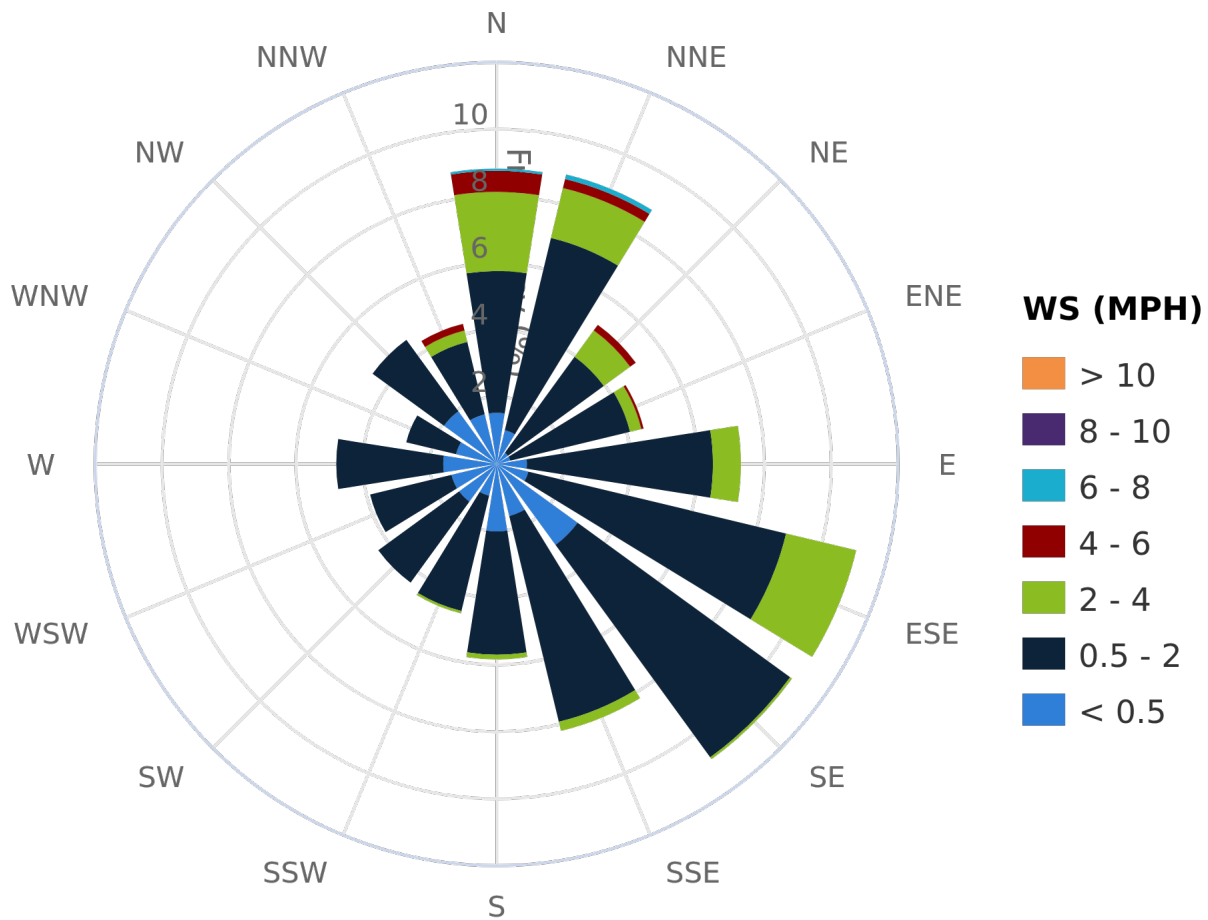


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

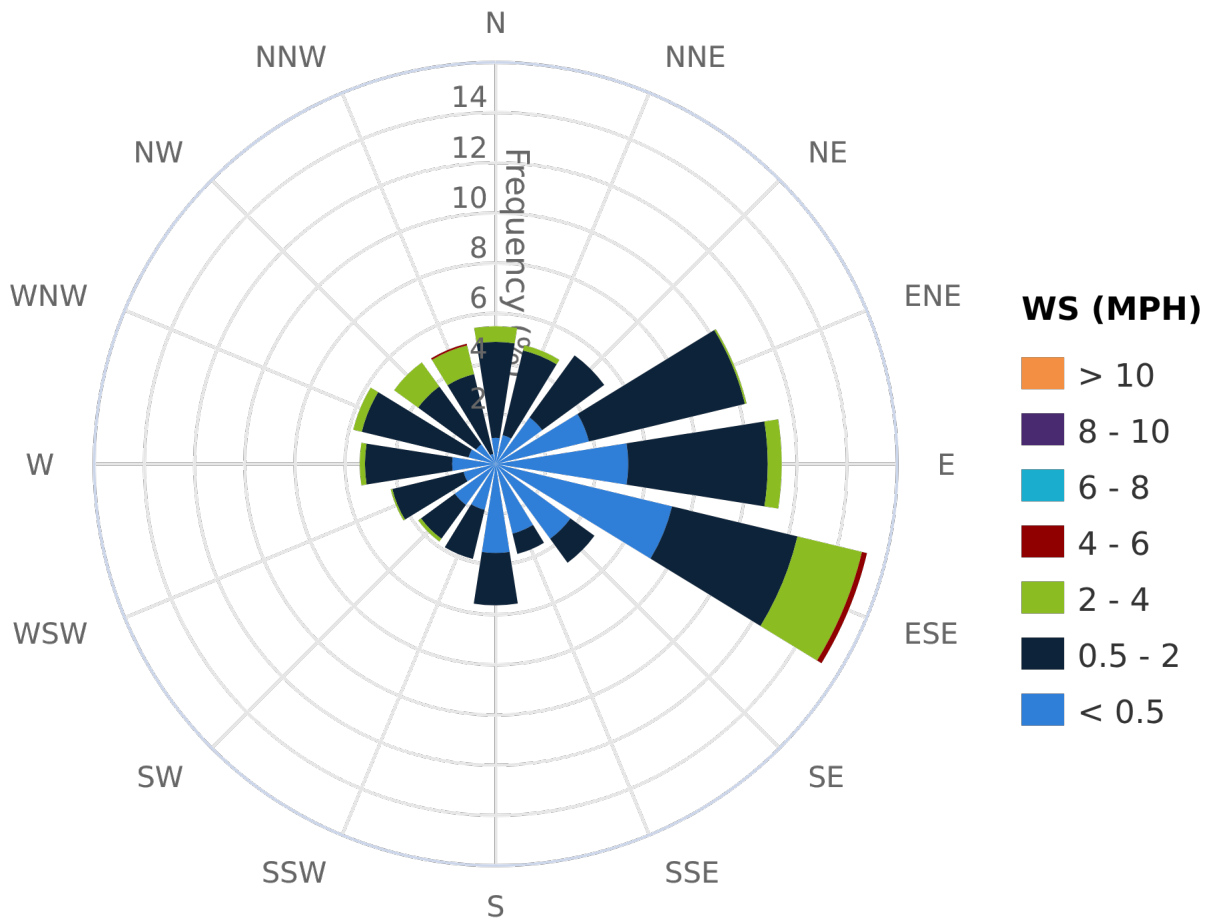


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

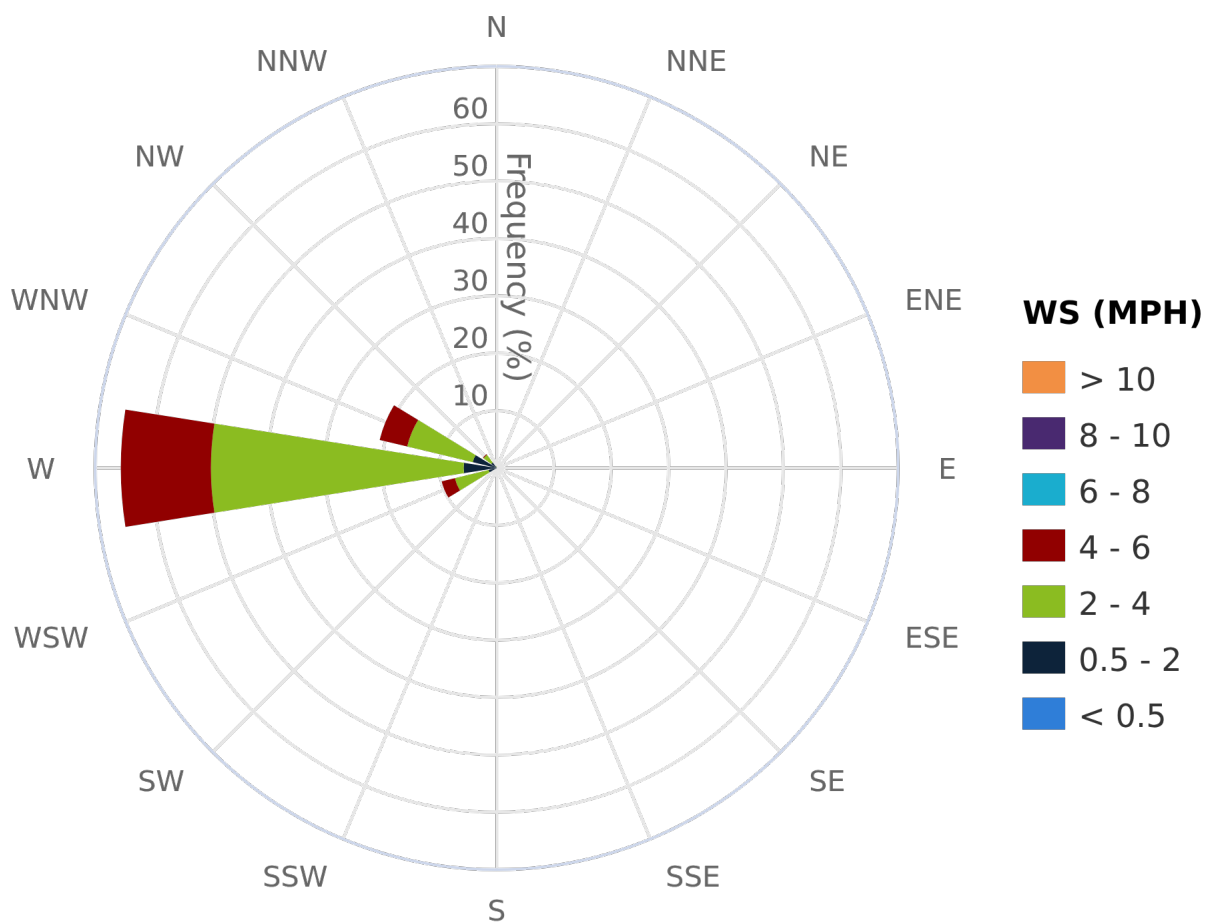


Figure 3 : Wind Rose Chart (WS in MPH)



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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	11.0	8.9	13.4	11.9	4.5	3.7	4.6	4.3	-0.073	0.000	0.000	0.000
00:15:00	10.2	9.6	13.0	10.2	4.2	3.8	4.3	4.4	-0.069	0.000	0.000	0.000
00:30:00	12.9	8.8	9.3	9.2	4.2	3.6	4.1	3.9	-0.063	0.000	0.000	0.000
00:45:00	12.9	9.7	12.2	9.5	4.1	3.4	4.0	4.1	-0.063	0.000	0.000	0.000
01:00:00	10.5	9.4	11.6	12.6	3.8	3.4	4.2	4.0	-0.059	0.000	0.000	0.000
01:15:00	12.2	10.4	15.9	10.3	4.2	3.7	4.0	4.6	-0.056	0.000	0.000	0.000
01:30:00	13.4	11.0	12.3	10.3	4.1	3.7	4.1	4.0	-0.052	0.000	0.000	0.000
01:45:00	13.5	10.5	22.9	10.1	4.1	3.5	3.9	5.4	-0.048	0.000	0.000	0.000
02:00:00	13.8	10.4	15.5	9.6	4.0	3.3	3.9	4.4	-0.045	0.000	0.000	0.000
02:15:00	18.2	10.2	10.6	9.3	4.1	3.2	3.7	3.8	-0.043	0.000	0.000	0.000
02:30:00	15.8	10.1	12.7	12.0	3.9	3.2	4.2	4.1	-0.041	0.000	0.000	0.000
02:45:00	16.5	11.2	15.9	12.9	4.1	3.4	4.2	4.4	-0.041	0.000	0.000	0.000
03:00:00	18.7	10.7	16.7	13.4	4.2	3.1	4.2	4.4	-0.038	0.000	0.000	0.000
03:15:00	15.6	11.6	17.1	12.7	4.0	3.1	4.0	4.2	-0.036	0.000	0.000	0.000
03:30:00	14.3	12.7	18.0	12.4	3.9	3.2	3.9	4.2	-0.034	0.000	0.014	0.000
03:45:00	14.5	11.8	21.0	12.0	3.9	3.1	3.9	4.7	-0.032	0.000	0.015	0.000
04:00:00	17.5	13.5	24.6	14.6	4.0	3.1	4.0	4.8	-0.029	0.000	0.000	0.000
04:15:00	17.2	12.3	15.3	14.1	4.1	3.2	3.9	3.9	-0.028	0.000	0.000	0.000
04:30:00	17.7	13.5	27.1	13.4	4.0	3.3	3.9	5.3	-0.029	0.000	0.000	0.000
04:45:00	18.3	13.4	16.8	14.7	4.1	3.3	3.9	4.0	-0.026	0.000	0.002	0.000
05:00:00	17.1	12.8	20.9	15.3	4.1	3.3	4.1	4.4	-0.026	0.000	0.005	0.000
05:15:00	17.8	13.7	18.3	14.5	4.2	3.4	4.0	4.1	-0.026	0.000	0.000	0.000
05:30:00	18.6	14.2	19.9	14.6	4.2	3.4	4.1	4.3	-0.024	0.000	0.000	0.000
05:45:00	21.0	13.3	18.1	14.0	4.4	3.4	4.3	4.2	-0.019	0.000	0.000	0.000
06:00:00	21.2	14.0	17.1	14.8	4.4	3.4	4.2	4.2	-0.020	0.000	0.000	0.000
06:15:00	19.1	12.7	17.2	13.7	4.4	3.2	4.2	4.3	-0.018	0.000	0.000	0.000
06:30:00	16.7	12.7	22.1	15.5	4.1	3.2	4.4	4.8	-0.018	0.000	0.000	0.000
06:45:00	16.5	12.0	18.9	14.1	4.1	3.2	4.2	4.1	-0.016	0.000	0.000	0.000
07:00:00	19.3	13.5	21.8	14.4	4.2	3.2	4.1	4.6	-0.015	0.000	0.000	0.000
07:15:00	17.5	12.7	17.6	13.9	4.1	3.1	4.2	4.1	-0.014	0.000	0.000	0.000
07:30:00	22.3	13.2	20.6	18.5	4.5	3.1	4.3	4.3	-0.013	0.000	0.000	0.000
07:45:00	15.2	14.2	16.4	17.2	4.1	3.1	4.7	3.9	-0.017	0.000	0.000	0.000
08:00:00	14.6	14.0	19.4	12.7	4.3	3.3	4.2	4.3	-0.019	0.000	0.000	0.000
08:15:00	14.1	11.8	14.2	11.9	4.3	3.7	4.1	4.1	-0.019	0.000	0.000	0.000
08:30:00	13.2	10.8	13.7	11.5	4.3	4.0	4.4	4.3	-0.017	0.000	0.000	0.000
08:45:00	11.3	11.8	11.3	10.4	4.2	5.5	4.3	4.2	-0.014	0.000	0.000	0.000
09:00:00	18.6	9.2	10.0	10.2	4.9	3.6	4.4	4.1	-0.013	0.000	0.000	0.000
09:15:00	11.4	8.2	9.2	9.3	4.6	3.5	4.5	4.4	-0.011	0.000	0.000	0.000
09:30:00	10.3	8.4	9.7	9.9	4.9	3.8	5.6	5.0	-0.005	0.007	0.000	0.000
09:45:00	9.9	8.8	9.8	9.9	4.9	4.3	5.6	5.5	0.003	0.014	0.000	0.000
10:00:00	11.4	9.0	9.9	9.7	5.3	4.9	5.7	5.6	0.018	0.023	0.000	0.001
10:15:00	10.1	8.7	9.8	9.9	5.2	5.1	5.7	5.2	0.032	0.034	0.000	0.001
10:30:00	10.4	8.4	9.0	9.9	6.1	5.2	6.0	5.2	0.050	0.044	0.000	0.012
10:45:00	10.0	7.7	9.9	10.4	6.0	4.8	6.9	5.9	0.062	0.052	0.000	0.019
11:00:00	10.1	7.9	8.6	9.3	5.8	4.8	6.3	5.4	0.069	0.065	0.000	0.029
11:15:00	9.2	7.7	8.1	9.3	5.6	4.6	5.9	5.1	0.072	0.060	0.001	0.036
11:30:00	9.7	7.9	8.3	9.0	5.7	4.5	5.9	5.2	0.064	0.060	0.005	0.035
11:45:00	13.7	7.4	8.7	9.0	5.8	4.3	6.0	5.1	0.065	0.064	0.001	0.037



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12:00:00	10.8	7.6	8.1	9.1	5.3	4.4	5.9	4.9	0.059	0.064	0.005	0.035
12:15:00	8.7	7.2	8.4	9.1	5.1	4.4	5.9	5.0	0.065	0.053	0.004	0.036
12:30:00	9.7	7.0	8.3	9.1	5.2	4.2	6.0	5.0	0.076	0.059	0.003	0.032
12:45:00	8.8	7.5	8.7	9.4	5.2	4.4	6.1	5.3	0.075	0.057	0.006	0.029
13:00:00	8.9	7.3	8.4	9.8	5.2	4.4	6.3	5.3	0.074	0.051	0.004	0.027
13:15:00	9.1	7.2	8.4	9.3	5.3	4.3	6.2	5.1	0.064	0.045	0.004	0.021
13:30:00	8.7	7.1	8.3	9.5	5.2	4.3	6.3	5.1	0.058	0.036	0.001	0.015
13:45:00	8.6	7.0	8.5	9.5	5.2	4.3	6.3	5.1	0.057	0.029	0.000	0.018
14:00:00	8.5	6.8	8.5	9.4	5.1	4.3	6.3	5.1	0.048	0.023	0.000	0.015
14:15:00	8.6	6.9	8.2	9.3	5.1	4.2	6.2	5.0	0.032	0.016	0.000	0.004
14:30:00	8.2	6.6	7.8	9.3	5.1	4.1	6.2	5.0	0.021	0.003	0.000	0.000
14:45:00	8.0	6.1	7.7	9.2	4.9	3.9	6.0	4.9	0.000	0.000	0.000	0.000
15:00:00	7.7	6.1	7.3	8.7	4.8	3.8	5.8	4.6	-0.004	0.000	0.000	0.000
15:15:00	7.2	5.8	7.1	7.9	4.4	3.7	5.3	4.6	-0.011	0.000	0.000	0.000
15:30:00	7.1	5.6	6.7	7.9	4.5	3.6	5.3	4.3	-0.015	0.000	0.000	0.000
15:45:00	7.4	6.3	8.0	8.1	4.6	4.1	5.5	4.7	-0.027	0.000	0.000	0.000
16:00:00	7.6	6.1	7.4	8.5	4.7	3.9	5.8	4.8	-0.034	0.000	0.000	0.000
16:15:00	7.5	6.0	7.6	10.5	4.8	3.9	6.0	4.8	-0.026	0.000	0.000	0.000
16:30:00	7.5	6.6	7.7	9.8	4.9	4.0	5.9	4.9	-0.017	0.000	0.000	0.000
16:45:00	8.1	6.5	7.8	8.5	5.1	4.2	6.0	5.1	-0.009	0.000	0.000	0.000
17:00:00	10.0	7.5	9.8	12.5	5.9	4.8	7.2	6.0	-0.008	0.000	0.000	0.000
17:15:00	11.9	8.2	10.2	12.4	6.0	5.0	7.0	6.0	-0.005	0.000	0.000	0.002
17:30:00	10.6	8.3	10.9	16.1	5.8	4.9	7.6	5.9	0.001	0.002	0.000	0.003
17:45:00	9.2	9.8	11.5	11.4	5.3	5.0	6.5	5.8	0.004	0.002	0.000	0.001
18:00:00	8.3	7.1	10.2	9.7	4.9	4.4	5.9	5.3	0.000	0.000	0.000	0.000
18:15:00	11.2	9.4	11.3	11.8	6.2	4.9	7.3	6.2	-0.020	0.000	0.000	0.000
18:30:00	10.9	10.7	10.8	9.8	6.5	5.7	6.5	6.3	-0.045	0.000	0.000	0.000
18:45:00	10.2	9.6	10.0	9.4	5.9	5.6	6.1	5.8	-0.061	0.000	0.000	0.000
19:00:00	10.2	9.0	10.0	10.1	5.8	5.1	6.2	5.8	-0.067	0.000	0.000	0.000
19:15:00	10.5	10.1	11.9	9.9	5.9	5.3	6.0	5.9	-0.074	0.000	0.000	0.000
19:30:00	12.5	11.1	11.3	11.2	6.4	5.7	6.5	6.0	-0.080	0.000	0.000	0.000
19:45:00	13.0	11.4	13.5	12.2	6.3	5.4	6.8	6.6	-0.086	0.000	0.000	0.000
20:00:00	13.9	11.5	13.5	12.6	6.6	5.4	7.2	7.0	-0.089	0.000	0.000	0.000
20:15:00	15.8	12.7	16.5	14.5	7.4	6.1	7.9	7.5	-0.093	0.000	0.000	0.000
20:30:00	21.0	15.5	21.6	17.2	8.8	7.4	9.3	8.7	-0.092	0.000	0.000	0.000
20:45:00	22.5	15.8	19.9	18.2	9.2	7.3	9.2	8.5	-0.089	0.000	0.000	0.000
21:00:00	18.6	17.4	21.9	18.9	8.3	7.5	8.9	8.6	-0.084	0.000	0.000	0.000
21:15:00	16.5	13.5	15.9	15.3	7.6	6.5	7.9	7.7	-0.079	0.000	0.000	0.000
21:30:00	14.8	12.6	16.9	14.6	7.0	6.0	7.3	7.3	-0.072	0.000	0.000	0.000
21:45:00	17.0	14.1	19.4	14.0	7.0	5.9	7.1	7.6	-0.070	0.000	0.000	0.000
22:00:00	18.4	11.8	16.5	14.2	6.9	5.7	6.9	7.1	-0.067	0.000	0.000	0.000
22:15:00	14.7	12.6	15.9	15.5	6.4	5.6	6.9	6.7	-0.064	0.000	0.000	0.000
22:30:00	15.2	14.5	20.3	13.9	6.3	5.5	6.3	6.7	-0.061	0.000	0.000	0.000
22:45:00	15.4	13.1	18.1	14.1	6.0	5.3	6.1	6.2	-0.056	0.000	0.000	0.000
23:00:00	15.3	12.5	31.4	15.1	5.8	5.0	5.9	6.7	-0.051	0.000	0.000	0.000
23:15:00	19.1	14.3	19.9	15.4	5.7	4.8	5.8	5.8	-0.050	0.000	0.000	0.000
23:30:00	19.6	12.2	24.1	13.8	5.4	4.4	5.4	5.8	-0.043	0.000	0.000	0.000
23:45:00	15.9	12.6	21.2	13.8	5.1	4.3	5.3	5.4	-0.042	0.000	0.000	0.000



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