



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-17

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1120 Max : 11.92	2943 ESE	2995 NNE	2996 ESE	2997 W	Min : 73.76 Max : 98.96	Min : 62.60 Max : 96.10	Min : 29.86 Max : 30.06

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	20.8	47.5	8.1	20.4	-0.001	0.097
2995	16.1	37.3	6.8	17.9	0.009	0.071
2996	18.5	39.1	8.6	20.6	0.003	0.023
2997	24.0	58.3	8.3	18.4	0.005	0.041

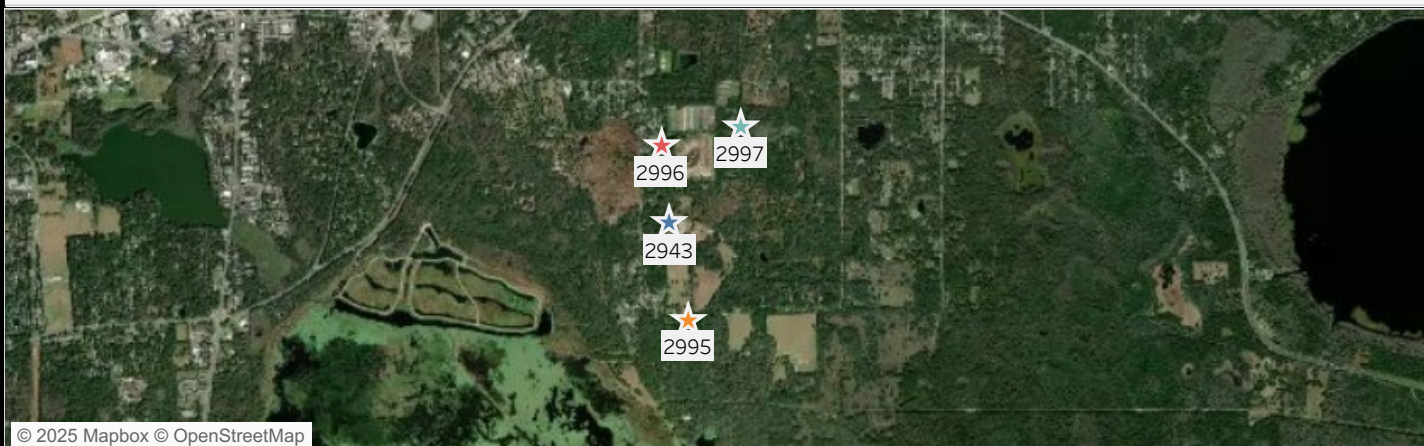


Figure 1 : Monitoring Locations

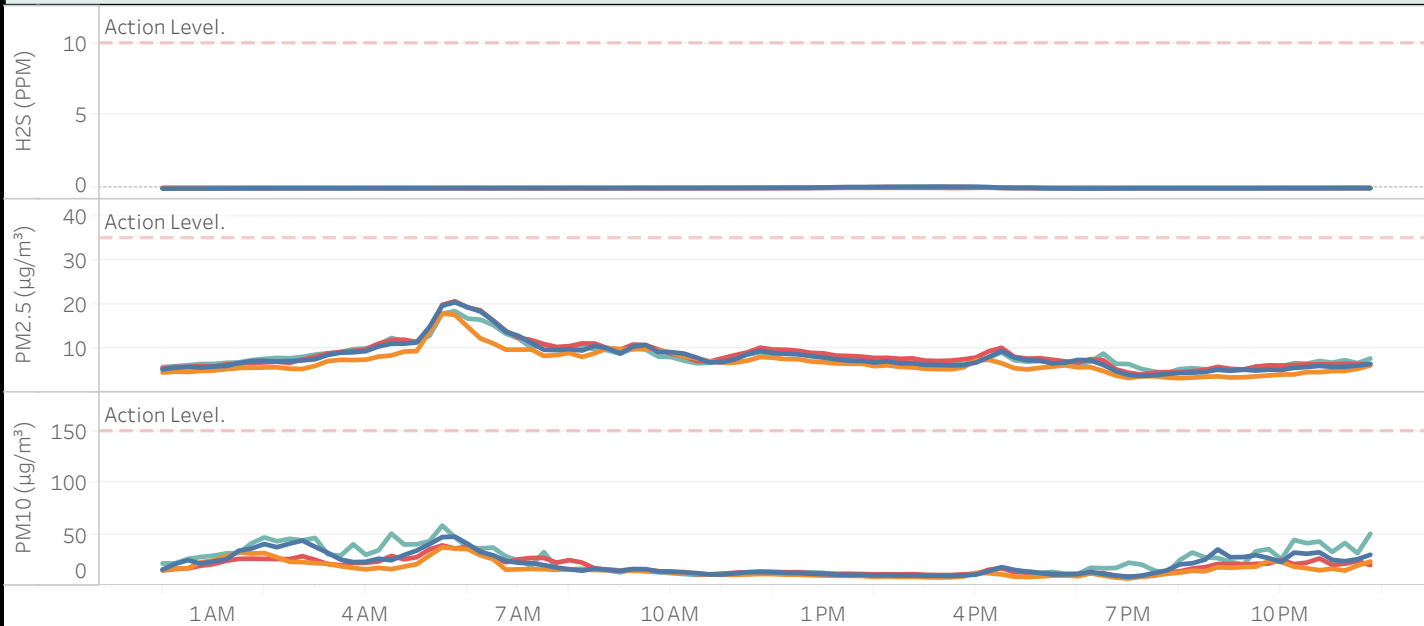


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2995 ■ 2996 ■ 2997



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Wind Rose Chart 2943

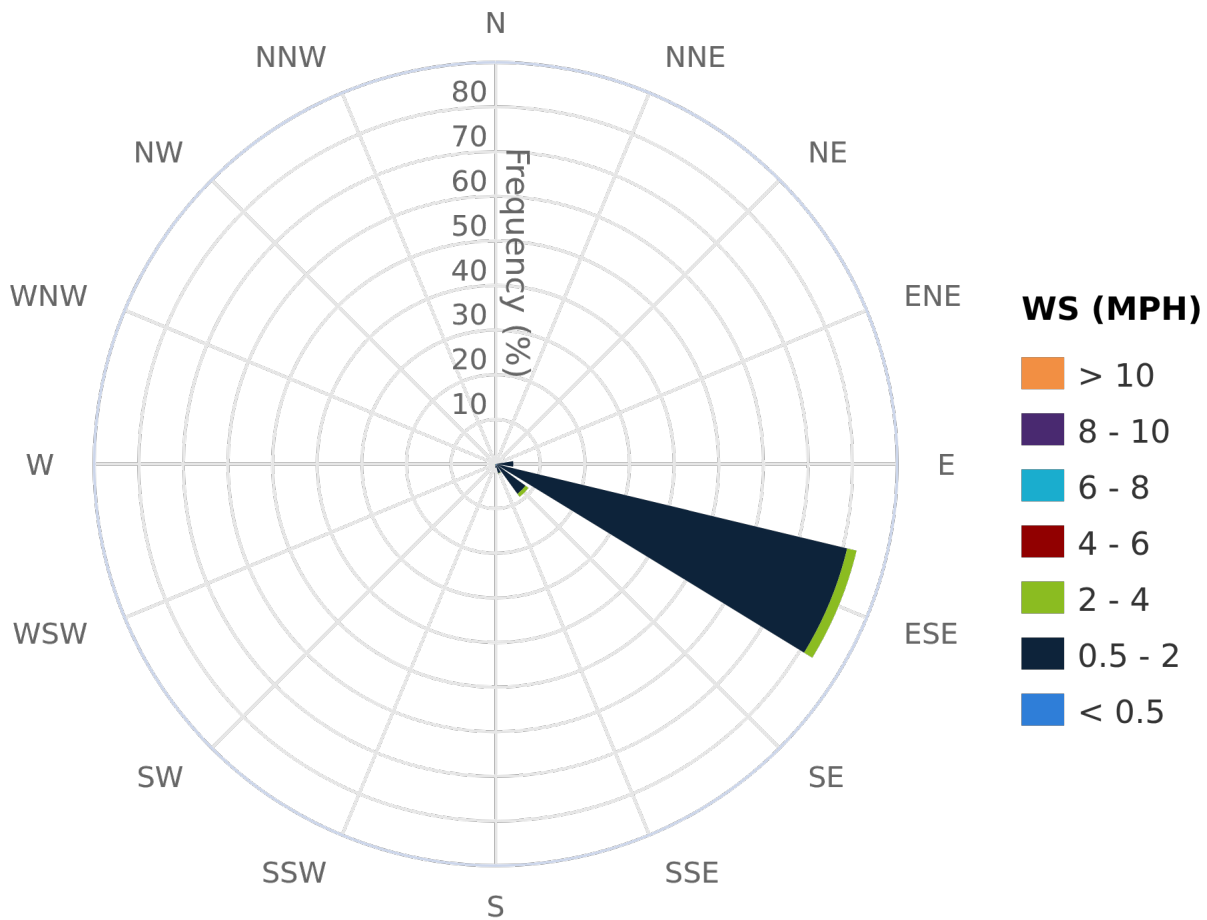


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

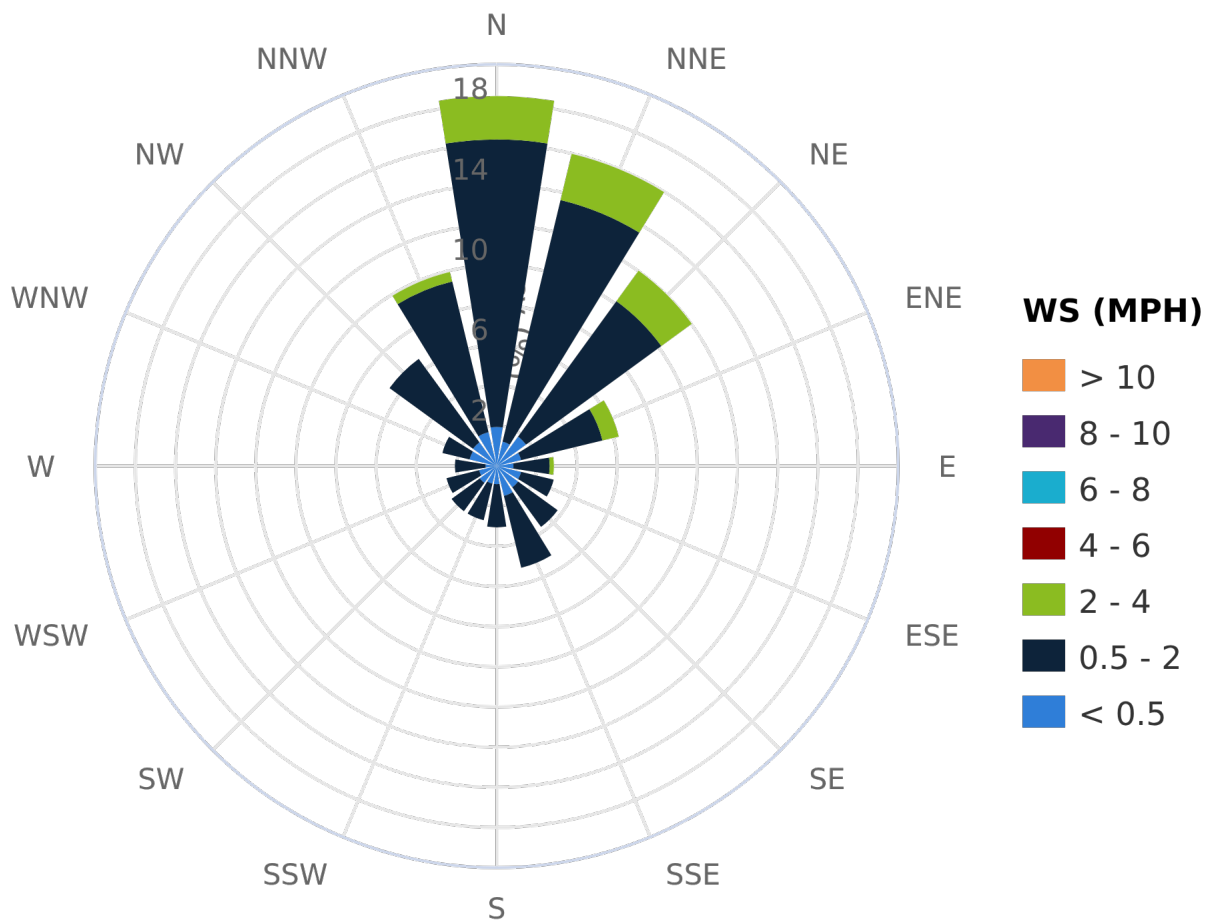


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

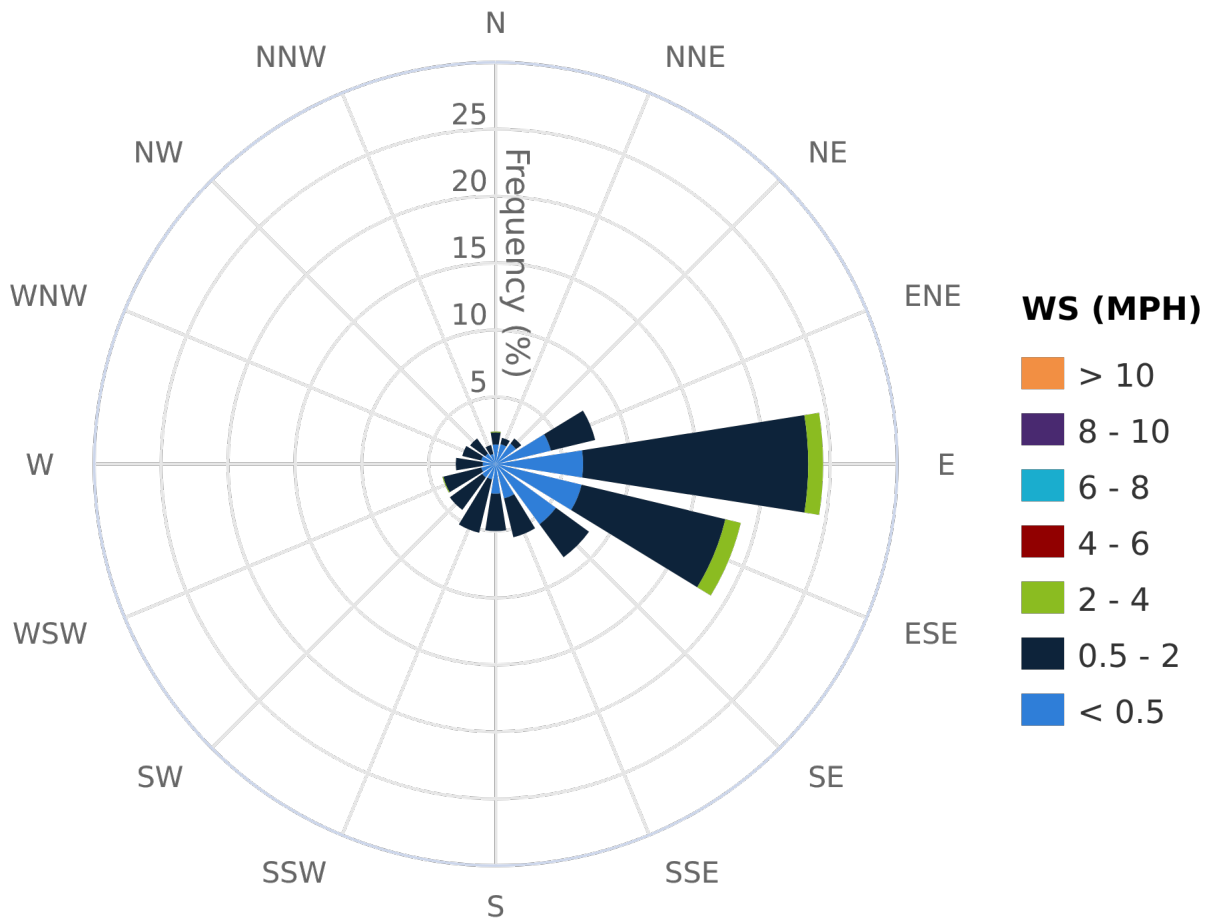


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

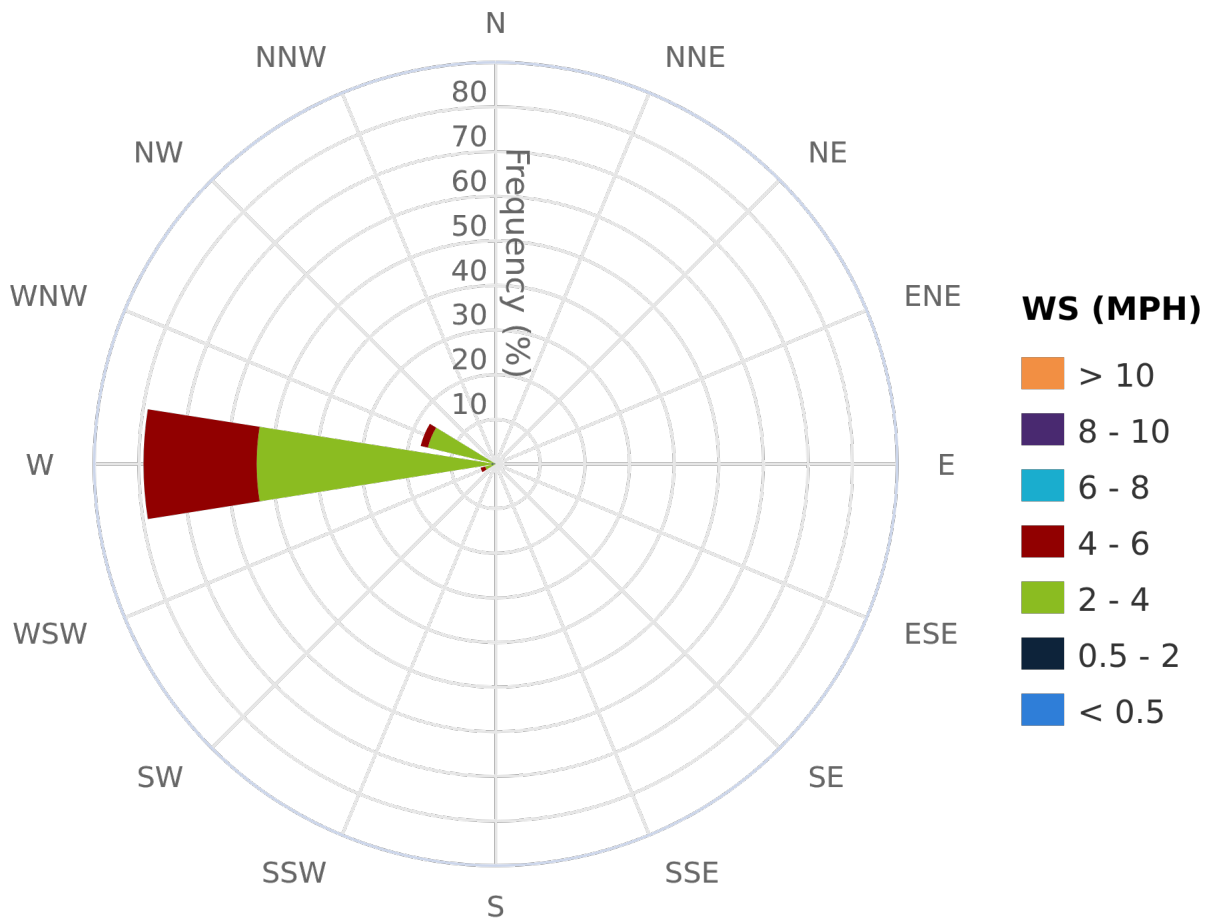


Figure 3 : Wind Rose Chart (WS in MPH)



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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	15.7	15.2	21.6	14.8	5.2	4.5	5.4	5.8	-0.040	0.000	0.000	0.000
00:15:00	21.2	16.7	21.8	16.1	5.6	4.7	5.8	6.0	-0.036	0.000	0.000	0.000
00:30:00	24.8	16.9	26.0	16.9	5.8	4.7	5.8	6.2	-0.035	0.000	0.000	0.000
00:45:00	21.4	22.7	27.9	19.4	5.7	4.9	6.0	6.5	-0.035	0.000	0.000	0.000
01:00:00	23.6	24.4	29.1	20.9	5.9	5.0	5.9	6.5	-0.033	0.000	0.000	0.000
01:15:00	25.5	28.6	31.3	24.2	6.0	5.3	6.4	6.7	-0.031	0.000	0.000	0.000
01:30:00	33.9	32.5	31.8	26.1	6.7	5.6	6.6	6.8	-0.028	0.000	0.000	0.000
01:45:00	36.1	31.2	41.1	26.3	7.1	5.6	6.7	7.3	-0.021	0.000	0.000	0.000
02:00:00	40.4	31.7	46.8	26.0	7.2	5.7	6.8	7.6	-0.021	0.000	0.000	0.000
02:15:00	37.3	27.5	43.1	25.9	7.0	5.7	7.0	7.8	-0.021	0.000	0.000	0.000
02:30:00	40.8	23.2	45.5	25.8	7.1	5.4	6.7	7.8	-0.018	0.000	0.000	0.000
02:45:00	43.8	22.9	44.0	28.7	7.3	5.4	7.5	8.1	-0.017	0.000	0.000	0.000
03:00:00	37.7	21.9	46.3	25.1	7.5	6.0	8.1	8.6	-0.017	0.000	0.000	0.000
03:15:00	31.9	21.4	30.4	21.0	8.5	7.1	8.8	8.9	-0.019	0.000	0.000	0.000
03:30:00	25.4	18.9	29.1	20.0	9.0	7.4	9.2	9.2	-0.021	0.000	0.000	0.000
03:45:00	22.9	17.3	40.1	22.0	9.1	7.4	9.5	9.8	-0.020	0.000	0.000	0.000
04:00:00	23.2	15.9	30.0	22.3	9.4	7.4	9.8	10.0	-0.016	0.000	0.000	0.000
04:15:00	26.2	17.3	34.4	23.5	10.4	8.1	11.1	10.8	-0.016	0.000	0.000	0.000
04:30:00	24.7	16.1	50.5	28.9	11.0	8.4	11.9	12.4	-0.017	0.000	0.000	0.000
04:45:00	29.8	18.5	40.0	25.6	11.1	9.3	12.0	11.6	-0.017	0.000	0.000	0.000
05:00:00	34.1	21.0	40.2	27.7	11.3	9.4	11.4	11.5	-0.016	0.000	0.000	0.000
05:15:00	40.3	29.4	43.2	35.2	14.9	13.8	14.5	12.8	-0.016	0.000	0.000	0.000
05:30:00	47.1	37.3	58.3	39.1	19.7	17.9	19.8	17.9	-0.016	0.000	0.000	0.000
05:45:00	47.5	36.1	46.9	36.1	20.4	17.6	20.6	18.4	-0.014	0.000	0.000	0.000
06:00:00	40.6	35.5	37.4	37.9	19.3	14.9	19.2	16.7	-0.014	0.000	0.000	0.000
06:15:00	32.7	29.5	36.2	33.7	18.3	12.3	18.6	16.5	-0.014	0.000	0.000	0.000
06:30:00	29.5	25.8	37.0	27.1	16.3	11.1	16.3	15.3	-0.017	0.000	0.000	0.000
06:45:00	24.1	15.6	28.5	22.7	13.8	9.7	14.0	13.3	-0.012	0.000	0.000	0.000
07:00:00	22.2	15.9	24.5	25.6	12.8	9.7	12.4	12.2	-0.013	0.000	0.000	0.000
07:15:00	21.9	16.3	19.4	27.0	11.3	9.8	11.9	10.2	-0.012	0.000	0.000	0.000
07:30:00	20.0	16.1	32.6	26.9	9.7	8.3	11.0	10.9	-0.013	0.000	0.000	0.000
07:45:00	17.7	15.4	16.9	22.4	9.6	8.5	10.3	10.0	-0.013	0.000	0.000	0.000
08:00:00	15.9	16.0	15.7	24.8	9.8	9.0	10.5	9.2	-0.012	0.000	0.000	0.000
08:15:00	14.6	15.9	16.4	22.5	9.5	8.1	11.1	10.4	-0.010	0.000	0.000	0.000
08:30:00	16.6	15.2	15.8	16.7	10.6	8.9	11.1	9.8	-0.013	0.000	0.000	0.000
08:45:00	15.5	15.4	14.8	15.6	10.0	10.1	10.1	9.6	-0.014	0.000	0.000	0.000
09:00:00	14.4	15.0	13.0	14.7	8.9	9.9	9.7	8.8	-0.011	0.000	0.000	0.000
09:15:00	16.2	14.5	15.7	15.9	10.4	9.8	10.9	10.0	-0.007	0.000	0.000	0.000
09:30:00	16.1	14.4	14.0	15.5	10.8	10.0	10.8	9.7	-0.006	0.000	0.000	0.000
09:45:00	13.9	13.8	13.1	14.1	9.2	9.6	9.7	8.1	-0.008	0.000	0.000	0.000
10:00:00	13.7	13.3	12.2	13.5	9.1	9.1	8.8	8.0	-0.006	0.000	0.000	0.000
10:15:00	13.2	12.2	11.4	12.7	8.8	8.2	8.2	7.2	-0.006	0.001	0.000	0.000
10:30:00	12.3	11.6	10.4	11.3	7.9	7.7	7.2	6.6	-0.003	0.001	0.000	0.000
10:45:00	11.0	11.0	11.1	10.8	6.8	7.1	7.0	6.7	0.001	0.001	0.000	0.000
11:00:00	10.9	10.6	11.6	11.7	6.9	6.8	7.7	7.3	0.001	0.004	0.000	0.000
11:15:00	12.0	10.6	11.8	12.6	7.5	6.8	8.4	7.8	0.003	0.007	0.000	0.000
11:30:00	13.1	11.0	12.6	13.1	8.7	7.2	9.1	8.6	0.004	0.006	0.000	0.000
11:45:00	13.3	11.3	12.8	13.8	9.4	8.1	10.2	9.1	0.008	0.010	0.000	0.001



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12:00:00	13.0	11.3	12.2	13.5	9.0	7.9	9.8	8.5	0.013	0.009	0.000	0.004
12:15:00	12.5	10.8	12.8	13.1	8.8	7.6	9.7	9.1	0.018	0.013	0.000	0.009
12:30:00	12.2	10.7	13.2	13.0	8.7	7.6	9.5	8.8	0.018	0.016	0.000	0.009
12:45:00	11.6	10.1	13.0	12.1	8.2	7.0	9.0	8.9	0.023	0.022	0.001	0.007
13:00:00	11.3	9.9	12.4	12.1	7.9	6.9	8.9	8.5	0.037	0.031	0.008	0.011
13:15:00	10.8	9.6	11.0	11.6	7.5	6.6	8.4	7.7	0.056	0.040	0.012	0.020
13:30:00	10.4	9.6	11.2	11.6	7.2	6.5	8.3	7.6	0.068	0.047	0.016	0.026
13:45:00	10.6	9.5	10.8	11.4	7.2	6.5	8.1	7.4	0.064	0.053	0.015	0.027
14:00:00	10.1	8.6	10.1	11.0	6.8	6.0	7.8	7.1	0.073	0.059	0.016	0.035
14:15:00	10.2	9.0	10.0	11.1	7.1	6.2	7.9	7.0	0.083	0.061	0.015	0.038
14:30:00	10.0	8.5	10.0	11.0	6.6	5.8	7.6	6.8	0.087	0.060	0.016	0.033
14:45:00	10.0	8.6	10.1	11.3	6.6	5.7	7.7	6.7	0.088	0.063	0.014	0.033
15:00:00	9.6	8.3	9.7	10.6	6.3	5.4	7.2	6.5	0.091	0.067	0.013	0.040
15:15:00	9.8	8.0	9.9	10.4	6.2	5.3	7.2	6.4	0.097	0.068	0.013	0.041
15:30:00	9.4	8.2	10.2	10.3	6.2	5.3	7.2	6.4	0.090	0.067	0.003	0.034
15:45:00	10.1	9.0	10.6	11.0	6.2	5.7	7.5	6.5	0.090	0.071	0.007	0.032
16:00:00	10.9	12.5	11.9	11.6	6.8	7.3	8.0	7.0	0.085	0.055	0.016	0.029
16:15:00	14.2	12.1	13.8	15.6	8.1	7.4	9.4	7.9	0.063	0.034	0.023	0.024
16:30:00	18.0	11.0	16.9	17.1	9.4	6.7	10.1	9.1	0.018	0.014	0.014	0.012
16:45:00	15.4	8.8	13.1	13.4	7.9	5.5	8.1	7.3	0.004	0.009	0.007	0.004
17:00:00	13.7	8.4	14.2	12.6	7.3	5.2	7.7	7.0	0.008	0.007	0.006	0.002
17:15:00	12.3	9.1	12.6	12.3	7.2	5.6	7.8	7.1	-0.009	0.000	0.001	0.000
17:30:00	11.0	9.7	13.4	11.9	6.6	5.9	7.4	7.1	-0.025	0.000	0.000	0.000
17:45:00	11.0	9.9	11.6	11.2	6.8	6.2	7.1	6.6	-0.028	0.000	0.000	0.000
18:00:00	11.3	9.2	11.6	11.3	7.4	5.7	6.8	6.4	-0.032	0.000	0.000	0.000
18:15:00	13.4	12.0	17.5	11.8	7.3	5.8	7.6	7.0	-0.030	0.000	0.000	0.000
18:30:00	11.5	9.8	17.0	12.2	6.3	4.9	7.3	8.8	-0.033	0.000	0.000	0.000
18:45:00	9.8	7.9	17.3	9.7	4.8	3.9	5.2	6.5	-0.028	0.000	0.000	0.000
19:00:00	8.6	7.0	22.3	8.9	4.0	3.3	4.5	6.5	-0.024	0.000	0.000	0.000
19:15:00	9.8	8.8	20.6	8.8	3.8	3.7	4.1	5.3	-0.020	0.000	0.000	0.000
19:30:00	12.3	9.9	14.8	10.0	3.9	3.7	4.5	4.8	-0.020	0.000	0.000	0.000
19:45:00	14.9	11.6	12.2	13.4	4.2	3.4	4.6	4.4	-0.022	0.000	0.001	0.000
20:00:00	20.7	12.8	24.7	13.9	4.4	3.3	4.6	5.3	-0.020	0.000	0.000	0.000
20:15:00	21.8	14.6	32.2	16.7	4.5	3.4	4.9	5.5	-0.019	0.000	0.000	0.000
20:30:00	25.3	14.0	27.6	18.0	4.7	3.6	5.1	5.3	-0.021	0.000	0.000	0.000
20:45:00	35.1	17.9	26.8	21.1	5.2	3.7	5.8	5.1	-0.022	0.000	0.000	0.000
21:00:00	27.6	17.4	23.3	21.1	5.0	3.4	5.4	5.0	-0.023	0.000	0.000	0.000
21:15:00	27.8	18.1	20.7	20.5	5.2	3.5	5.2	5.1	-0.021	0.000	0.000	0.000
21:30:00	29.6	18.5	33.4	21.2	5.0	3.7	5.9	5.9	-0.021	0.000	0.000	0.000
21:45:00	26.8	24.0	35.5	21.5	5.2	3.9	6.2	6.0	-0.018	0.000	0.000	0.000
22:00:00	23.0	23.1	25.8	25.2	5.1	4.1	6.1	5.9	-0.019	0.000	0.008	0.000
22:15:00	32.1	18.5	44.3	21.0	5.6	4.1	6.2	6.7	-0.018	0.000	0.004	0.000
22:30:00	31.0	17.0	41.2	22.4	5.8	4.6	6.4	6.5	-0.017	0.000	0.006	0.000
22:45:00	32.4	15.0	42.8	26.4	6.0	4.6	6.4	7.1	-0.017	0.000	0.003	0.000
23:00:00	25.1	16.6	32.7	20.2	5.8	4.9	6.4	6.8	-0.016	0.000	0.007	0.000
23:15:00	23.8	14.7	41.4	21.3	5.9	4.9	6.5	7.3	-0.013	0.000	0.010	0.000
23:30:00	25.7	19.6	31.5	23.8	6.1	5.4	6.5	6.7	-0.014	0.000	0.015	0.000
23:45:00	30.0	23.4	50.3	20.1	6.5	6.1	6.5	7.7	-0.013	0.000	0.010	0.000



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