



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-08

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0 Max : 13.58	2943 ESE	2995 N	2996 ESE	2997 N	Min : 72.86 Max : 97.16	Min : 60.20 Max : 93.20	Min : 29.93 Max : 30.15

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	12.4	22.9	4.6	7.6	-0.001	0.085
2995	9.2	15.5	4.0	6.3	0.011	0.068
2996	11.6	21.9	4.9	8.3	0.004	0.043
2997	17.8	47.0	5.2	9.3	0.006	0.038

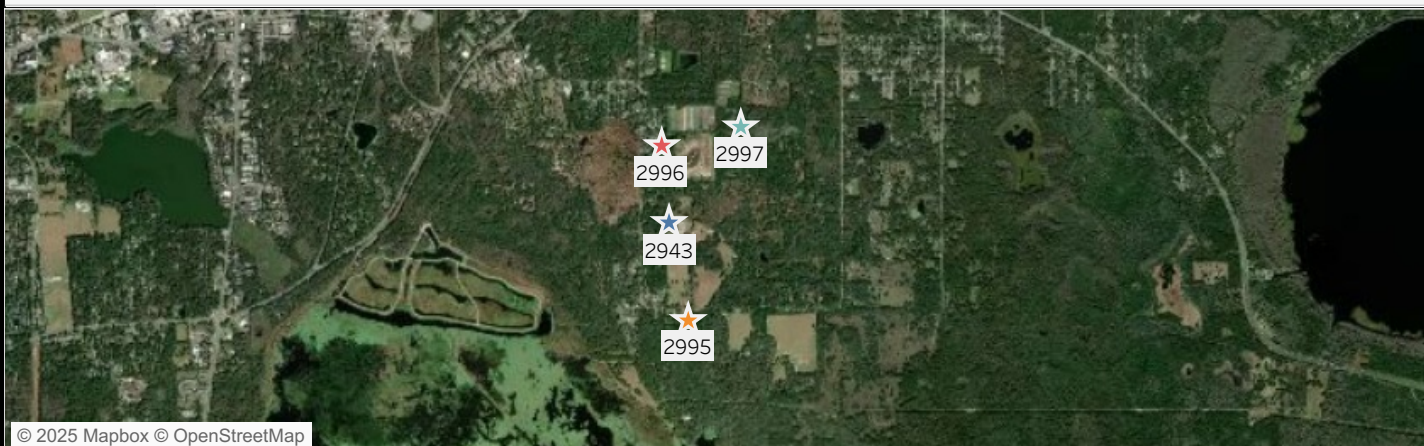


Figure 1 : Monitoring Locations

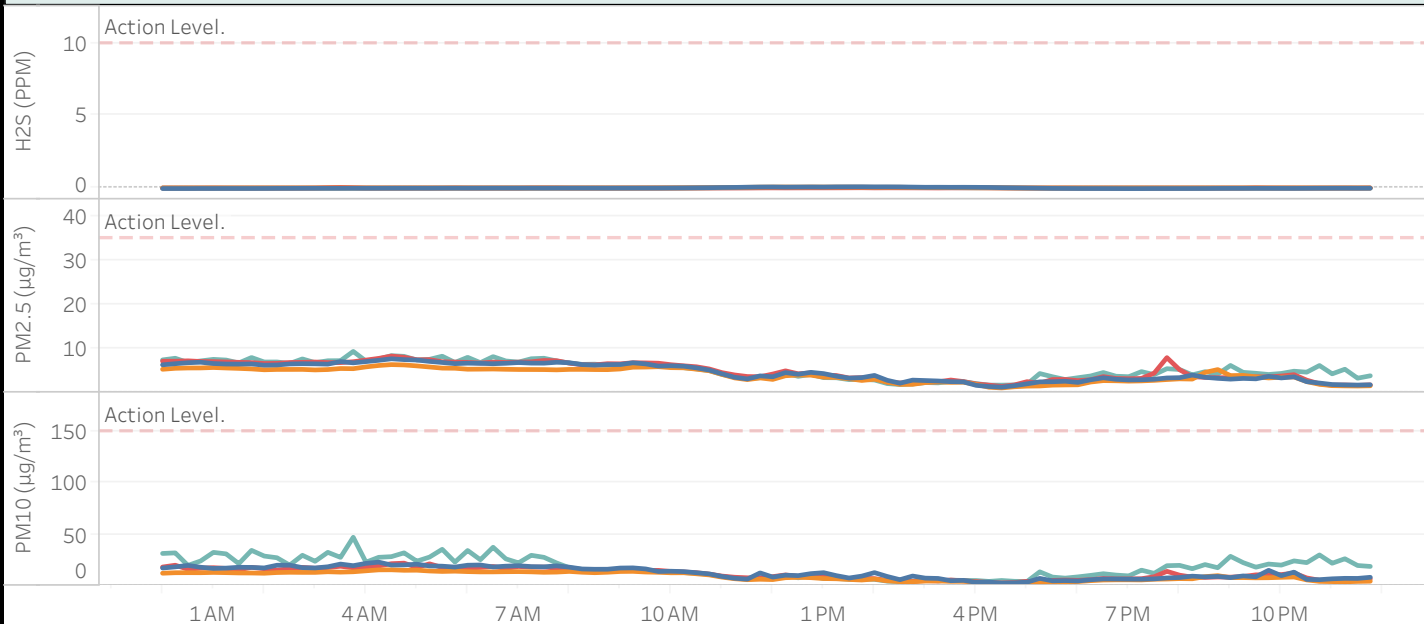


Figure 2 : 15 Minutes Average Concentrations

2943 2995 2996 2997



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Wind Rose Chart 2943

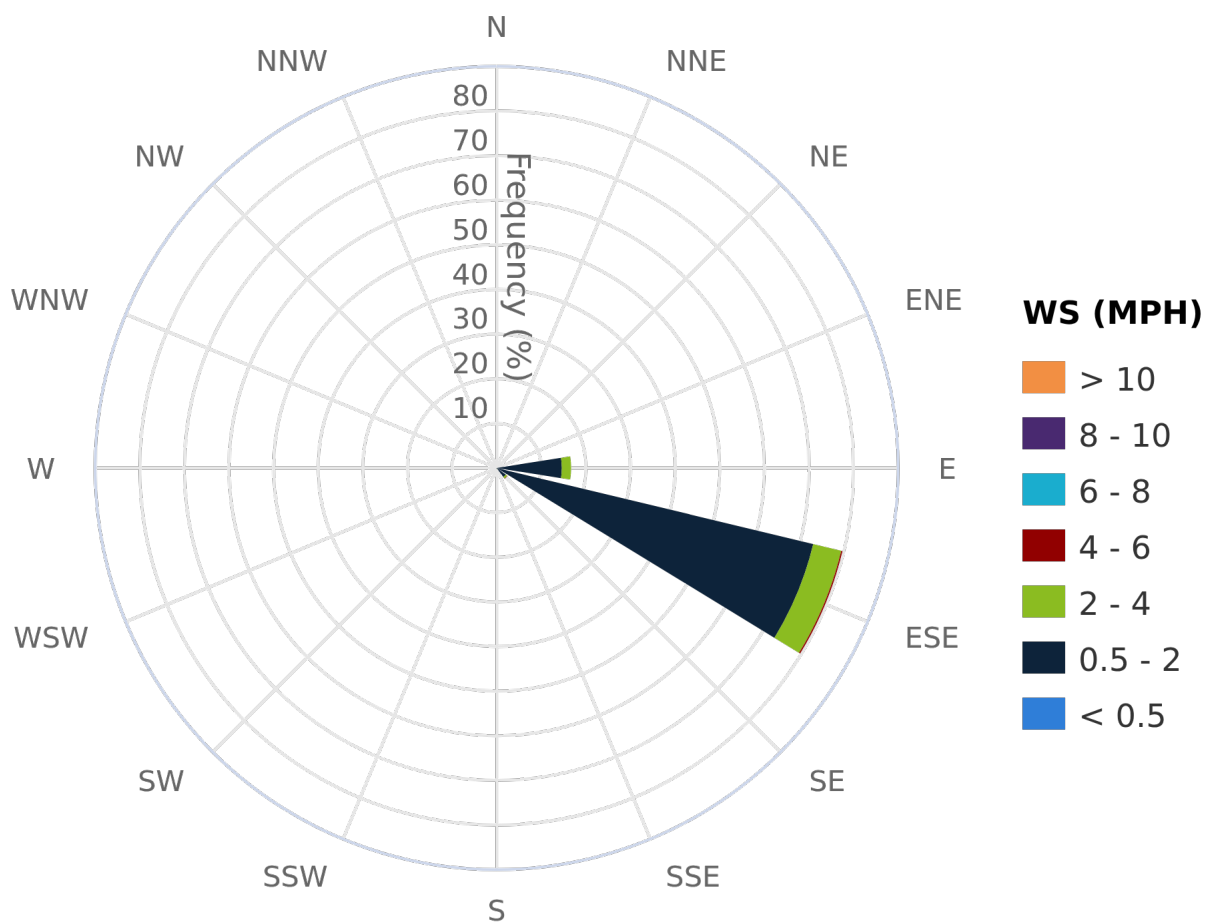


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

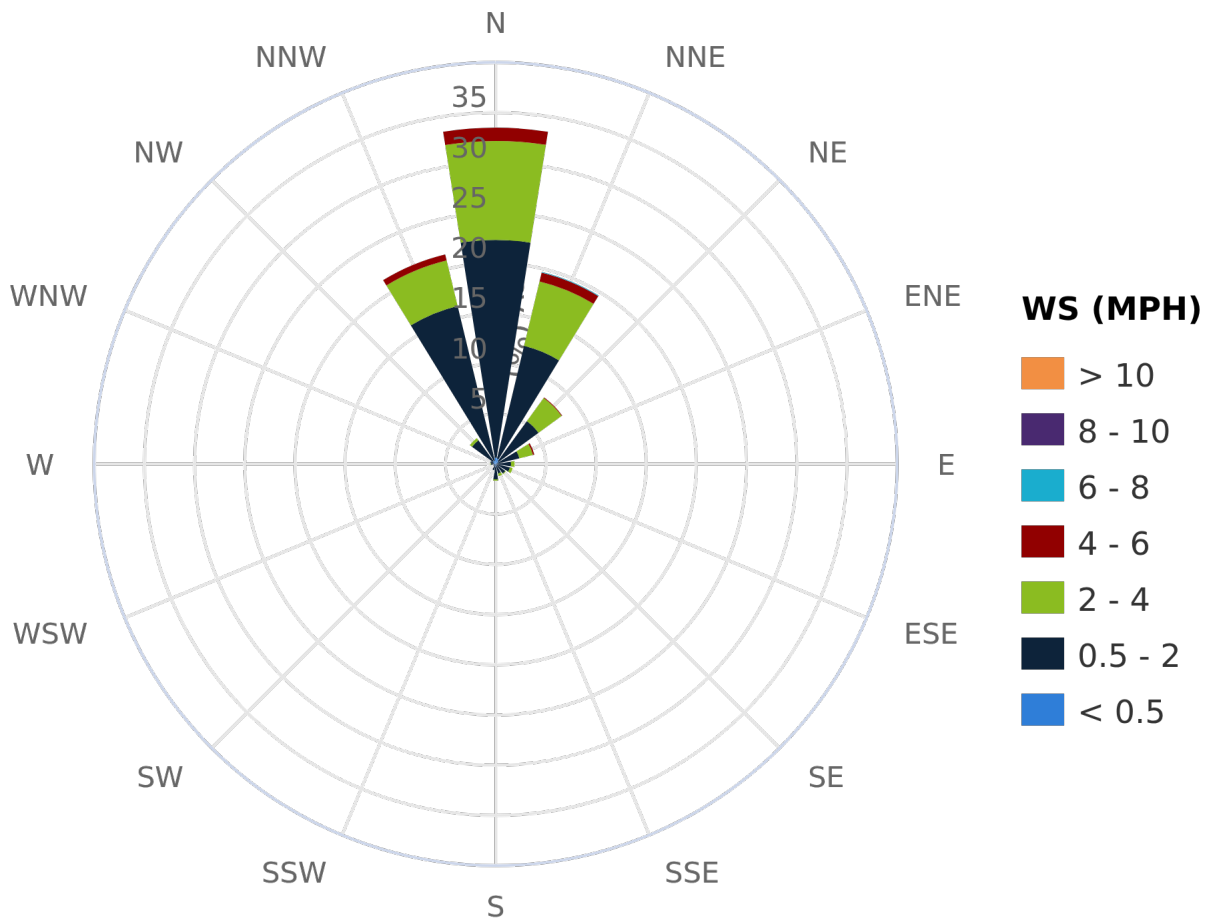


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

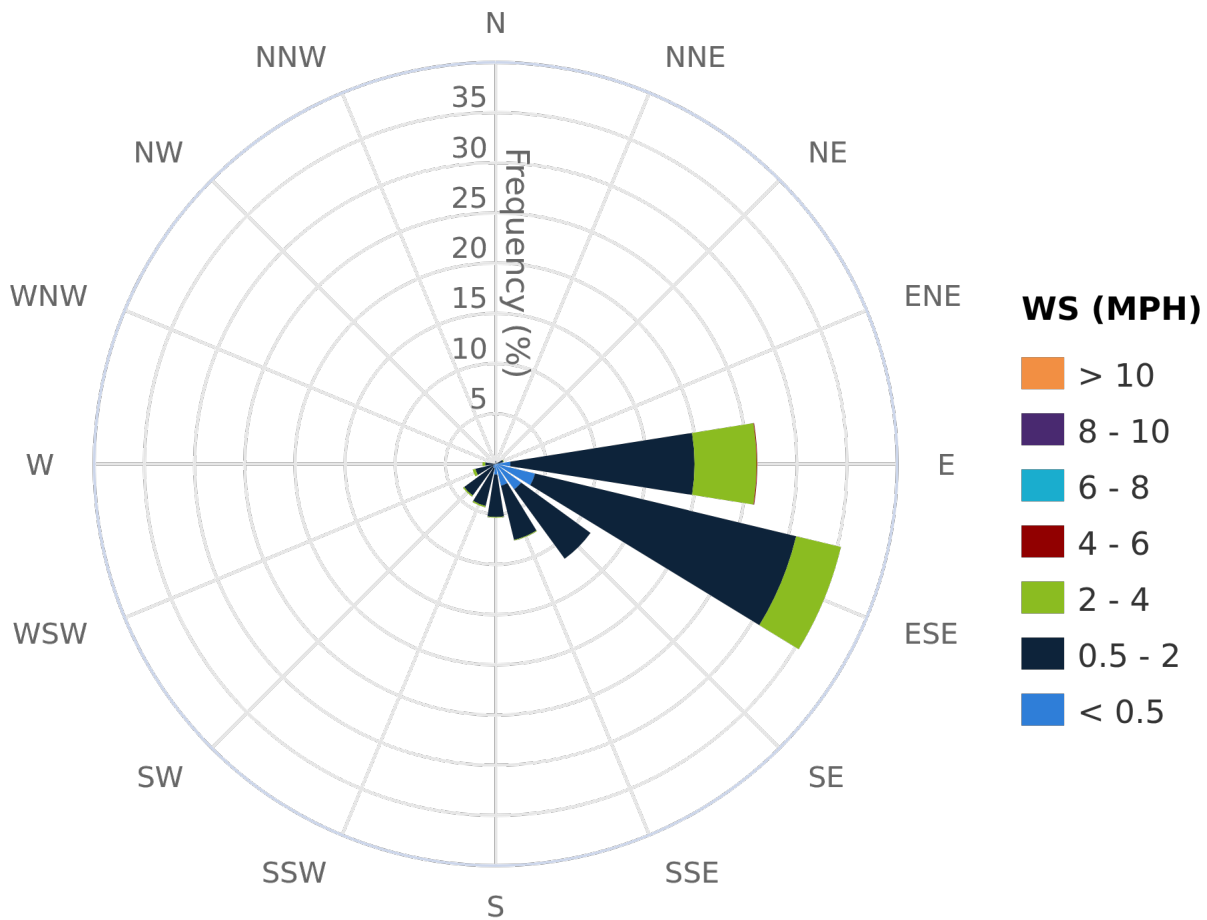


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

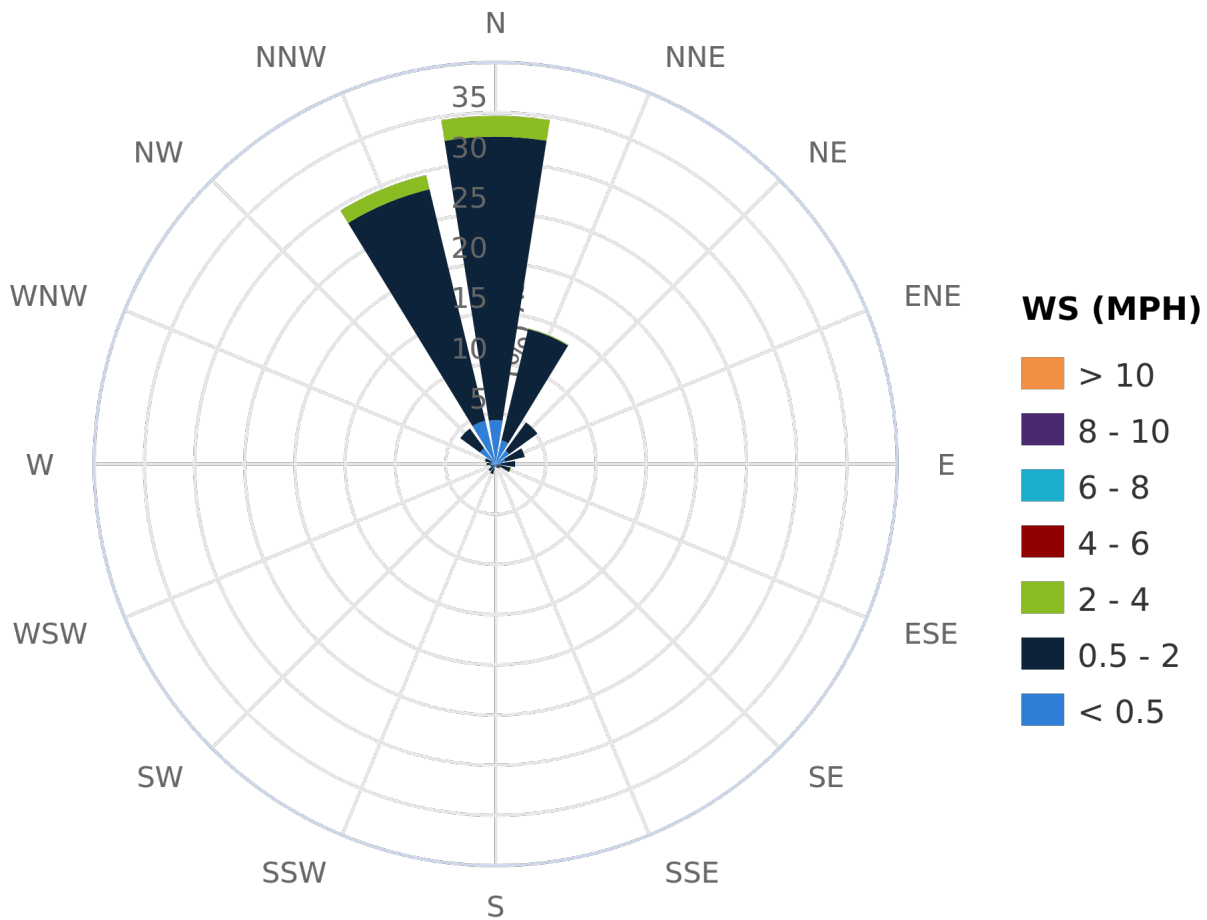


Figure 3 : Wind Rose Chart (WS in MPH)



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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	17.2	12.2	31.3	18.1	6.3	5.3	7.1	7.4	-0.037	0.000	0.000	0.000
00:15:00	18.3	12.6	31.9	19.9	6.5	5.5	7.1	7.8	-0.036	0.000	0.000	0.000
00:30:00	19.7	12.7	19.7	16.0	6.8	5.6	7.2	6.8	-0.037	0.000	0.000	0.000
00:45:00	17.9	12.6	24.0	17.0	6.9	5.6	7.0	7.2	-0.033	0.000	0.000	0.000
01:00:00	16.8	12.9	32.3	17.5	6.6	5.7	7.0	7.5	-0.034	0.000	0.004	0.000
01:15:00	17.1	12.7	30.9	16.8	6.5	5.6	6.9	7.4	-0.032	0.000	0.000	0.000
01:30:00	17.9	12.4	21.4	15.5	6.4	5.5	6.9	6.7	-0.032	0.000	0.000	0.000
01:45:00	17.8	12.4	34.3	17.8	6.5	5.4	6.8	7.9	-0.032	0.000	0.000	0.000
02:00:00	17.3	12.1	28.8	16.5	6.2	5.2	6.6	6.9	-0.030	0.000	0.000	0.000
02:15:00	19.9	12.8	27.1	15.2	6.3	5.2	6.6	6.9	-0.027	0.000	0.000	0.000
02:30:00	19.9	13.1	20.0	16.6	6.5	5.2	6.8	6.6	-0.026	0.000	0.000	0.000
02:45:00	17.6	13.0	29.5	17.8	6.5	5.3	6.8	7.6	-0.023	0.000	0.000	0.000
03:00:00	17.3	12.9	23.7	16.9	6.5	5.1	6.9	6.8	-0.022	0.000	0.006	0.000
03:15:00	18.4	13.6	32.4	17.7	6.4	5.2	6.8	7.2	-0.024	0.000	0.027	0.000
03:30:00	21.0	13.2	27.5	18.9	7.0	5.5	6.8	7.2	-0.023	0.000	0.043	0.000
03:45:00	19.5	13.6	47.0	17.4	6.7	5.4	7.0	9.3	-0.021	0.000	0.024	0.000
04:00:00	21.7	14.5	22.8	17.8	7.0	5.8	7.4	7.1	-0.020	0.000	0.003	0.000
04:15:00	22.9	15.4	27.6	19.2	7.3	6.1	7.7	7.6	-0.019	0.000	0.000	0.000
04:30:00	20.1	15.5	28.2	21.4	7.6	6.3	8.3	8.4	-0.017	0.000	0.000	0.000
04:45:00	20.2	15.0	31.9	21.9	7.5	6.3	8.0	8.2	-0.016	0.000	0.000	0.000
05:00:00	20.9	15.1	23.8	17.7	7.4	6.0	7.4	7.4	-0.015	0.000	0.000	0.000
05:15:00	19.2	14.3	27.8	21.2	7.1	5.8	7.4	7.5	-0.016	0.000	0.000	0.000
05:30:00	19.0	13.9	35.3	17.7	6.8	5.5	7.0	8.2	-0.012	0.000	0.000	0.000
05:45:00	18.1	14.1	22.9	17.7	6.6	5.5	6.9	6.8	-0.012	0.000	0.008	0.000
06:00:00	19.9	13.7	34.2	17.2	6.7	5.3	6.8	8.0	-0.012	0.000	0.002	0.000
06:15:00	20.1	13.4	25.2	17.7	6.6	5.3	6.7	6.8	-0.011	0.000	0.000	0.000
06:30:00	18.2	13.5	37.3	18.6	6.5	5.3	6.9	8.1	-0.010	0.000	0.001	0.000
06:45:00	19.0	13.6	26.1	16.8	6.6	5.3	6.8	7.2	-0.009	0.000	0.000	0.000
07:00:00	19.4	13.7	22.2	18.7	6.8	5.2	6.9	6.9	-0.009	0.000	0.000	0.000
07:15:00	18.6	13.5	29.5	18.1	6.7	5.2	7.0	7.7	-0.009	0.000	0.007	0.000
07:30:00	18.3	13.1	27.6	18.1	6.7	5.2	7.3	7.8	-0.012	0.000	0.010	0.000
07:45:00	19.3	13.3	22.1	17.1	6.9	5.1	7.2	7.2	-0.010	0.000	0.007	0.000
08:00:00	18.0	13.9	17.5	15.0	6.8	5.3	6.7	6.7	-0.009	0.000	0.001	0.000
08:15:00	16.3	13.1	15.8	14.0	6.3	5.3	6.3	6.4	-0.009	0.000	0.000	0.000
08:30:00	16.0	12.7	15.5	14.7	6.2	5.2	6.3	6.4	-0.009	0.000	0.000	0.000
08:45:00	16.0	13.1	14.9	15.0	6.3	5.2	6.5	6.2	-0.011	0.000	0.000	0.000
09:00:00	17.2	13.8	15.0	15.5	6.4	5.3	6.5	6.3	-0.010	0.000	0.000	0.000
09:15:00	17.3	14.0	14.8	15.5	6.7	5.7	6.8	6.4	-0.008	0.001	0.000	0.000
09:30:00	16.3	13.3	15.3	14.8	6.5	5.8	6.7	6.6	-0.007	0.003	0.000	0.000
09:45:00	13.8	13.1	13.8	14.9	6.0	5.9	6.7	6.1	-0.006	0.004	0.000	0.000
10:00:00	14.1	12.6	13.4	13.9	6.1	5.6	6.3	5.8	0.000	0.006	0.000	0.000
10:15:00	13.7	12.6	12.8	13.3	6.0	5.6	6.1	5.6	0.006	0.009	0.000	0.000
10:30:00	12.6	11.6	12.2	12.6	5.6	5.3	5.8	5.4	0.015	0.014	0.000	0.001
10:45:00	11.5	10.5	11.0	11.3	5.1	5.0	5.4	5.0	0.022	0.020	0.000	0.006
11:00:00	9.0	8.4	9.1	9.4	4.3	4.1	4.5	4.1	0.034	0.025	0.000	0.012
11:15:00	7.3	6.8	7.4	8.3	3.5	3.3	4.0	3.5	0.042	0.038	0.000	0.018
11:30:00	6.4	5.9	6.4	7.7	3.1	2.9	3.6	3.1	0.057	0.047	0.001	0.020
11:45:00	12.5	6.3	7.3	7.6	3.8	3.3	3.6	3.4	0.069	0.059	0.007	0.023



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12:00:00	8.4	6.0	8.1	8.9	3.6	3.0	4.2	3.8	0.072	0.064	0.009	0.027
12:15:00	10.3	7.8	10.1	10.5	4.5	3.8	4.9	4.4	0.061	0.068	0.006	0.031
12:30:00	9.8	8.2	7.7	9.1	4.2	4.0	4.3	3.7	0.068	0.062	0.008	0.033
12:45:00	11.8	7.8	9.7	9.2	4.6	4.0	4.5	4.1	0.072	0.068	0.010	0.036
13:00:00	12.7	7.0	7.0	8.4	4.3	3.5	4.0	3.4	0.068	0.065	0.010	0.034
13:15:00	9.8	6.8	7.1	8.1	3.7	3.4	3.9	3.4	0.079	0.064	0.011	0.037
13:30:00	7.5	6.1	6.3	6.8	3.3	3.1	3.3	2.9	0.083	0.063	0.014	0.038
13:45:00	9.3	5.6	6.7	7.2	3.4	2.8	3.4	3.0	0.085	0.058	0.018	0.036
14:00:00	12.7	6.5	6.2	6.9	3.9	3.0	3.5	2.9	0.078	0.053	0.009	0.033
14:15:00	9.0	4.8	4.5	5.2	2.8	2.4	2.4	2.1	0.080	0.053	0.012	0.035
14:30:00	5.9	4.0	4.0	4.9	2.1	1.9	2.2	1.8	0.075	0.053	0.011	0.032
14:45:00	9.4	3.9	4.3	4.3	2.8	1.9	2.2	2.0	0.063	0.041	0.009	0.027
15:00:00	7.4	4.5	5.7	5.0	2.7	2.3	2.5	2.3	0.051	0.029	0.006	0.026
15:15:00	7.1	4.6	4.8	4.7	2.6	2.4	2.4	2.2	0.053	0.031	0.002	0.025
15:30:00	4.9	4.3	5.4	5.6	2.5	2.3	2.9	2.5	0.048	0.024	0.009	0.022
15:45:00	5.3	4.3	5.2	4.7	2.4	2.4	2.5	2.5	0.051	0.023	0.011	0.016
16:00:00	3.3	3.5	5.1	4.1	1.6	1.9	2.0	2.0	0.047	0.015	0.015	0.011
16:15:00	3.6	2.4	4.2	3.1	1.4	1.2	1.7	1.7	0.039	0.015	0.008	0.017
16:30:00	2.5	2.0	5.1	2.7	1.2	1.1	1.4	1.7	0.024	0.012	0.003	0.009
16:45:00	2.9	2.6	4.3	3.1	1.6	1.3	1.7	1.7	0.012	0.006	0.000	0.006
17:00:00	3.5	2.8	4.2	4.3	2.0	1.5	2.5	1.9	-0.001	0.000	0.002	0.002
17:15:00	7.2	2.9	13.5	4.1	2.4	1.5	2.1	4.3	-0.014	0.000	0.001	0.000
17:30:00	4.8	3.4	8.4	5.2	2.5	1.7	3.0	3.6	-0.026	0.000	0.000	0.000
17:45:00	5.0	3.7	7.4	5.5	2.6	1.7	3.0	3.0	-0.030	0.000	0.002	0.000
18:00:00	4.7	4.1	8.6	5.2	2.3	1.8	2.7	3.4	-0.034	0.000	0.000	0.000
18:15:00	5.8	5.0	10.1	5.9	2.9	2.4	2.9	3.8	-0.036	0.000	0.000	0.000
18:30:00	6.6	5.6	11.7	7.1	3.4	2.7	3.6	4.5	-0.037	0.000	0.000	0.000
18:45:00	6.5	5.8	10.3	6.6	3.0	2.7	3.2	3.7	-0.038	0.000	0.000	0.000
19:00:00	6.4	5.8	9.6	6.7	2.9	2.6	3.1	3.6	-0.041	0.000	0.000	0.000
19:15:00	6.4	5.7	15.1	6.8	2.9	2.7	3.2	4.7	-0.040	0.000	0.000	0.000
19:30:00	6.7	6.3	12.0	8.8	3.0	2.8	4.4	4.1	-0.036	0.000	0.000	0.000
19:45:00	7.6	6.5	19.4	14.0	3.3	3.0	7.9	5.4	-0.036	0.000	0.000	0.000
20:00:00	8.0	6.9	19.8	10.3	3.4	3.1	5.2	5.2	-0.036	0.000	0.000	0.000
20:15:00	9.3	6.8	16.5	8.3	4.0	3.1	3.6	4.0	-0.034	0.000	0.000	0.000
20:30:00	8.6	8.8	20.5	8.1	3.5	4.6	3.4	4.7	-0.033	0.000	0.000	0.000
20:45:00	9.0	9.8	17.5	8.5	3.2	5.2	3.4	4.2	-0.028	0.000	0.000	0.000
21:00:00	7.9	7.9	28.5	8.4	3.1	3.9	3.4	6.1	-0.026	0.000	0.000	0.000
21:15:00	9.5	7.9	22.4	8.9	3.2	3.9	3.4	4.6	-0.026	0.000	0.000	0.000
21:30:00	8.7	7.7	18.0	10.6	3.1	3.6	3.6	4.4	-0.025	0.000	0.015	0.000
21:45:00	15.0	7.8	21.0	10.7	3.7	3.3	3.6	4.1	-0.025	0.000	0.005	0.000
22:00:00	9.8	8.2	20.0	10.9	3.3	3.5	3.7	4.3	-0.026	0.000	0.002	0.000
22:15:00	13.2	8.5	24.1	12.3	3.6	3.5	4.1	4.8	-0.027	0.000	0.002	0.000
22:30:00	6.1	5.7	22.4	7.6	2.5	2.5	2.8	4.6	-0.023	0.000	0.000	0.000
22:45:00	5.9	4.3	29.9	5.3	2.2	1.9	2.0	6.1	-0.019	0.000	0.000	0.000
23:00:00	6.7	4.0	21.8	5.2	1.8	1.6	1.7	4.2	-0.017	0.000	0.001	0.000
23:15:00	7.2	3.8	26.2	6.4	1.7	1.5	1.7	5.3	-0.016	0.000	0.003	0.000
23:30:00	7.1	4.2	19.6	5.8	1.7	1.5	1.6	3.3	-0.018	0.000	0.000	0.000
23:45:00	8.2	4.4	18.7	6.8	1.8	1.6	1.8	3.8	-0.017	0.000	0.006	0.000



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