



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-18

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1570 Max : 12.55	2943 ESE	2995 NNE	2996 E	2997 W	Min : 74.48 Max : 103.5	Min : 53.20 Max : 95.60	Min : 29.87 Max : 30.03

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	21.2	66.8	5.3	9.3	0.010	0.111
2995	12.3	31.3	4.0	7.8	0.013	0.085
2996	15.7	39.7	5.3	9.6	0.007	0.047
2997	25.8	81.8	5.7	9.4	0.009	0.053

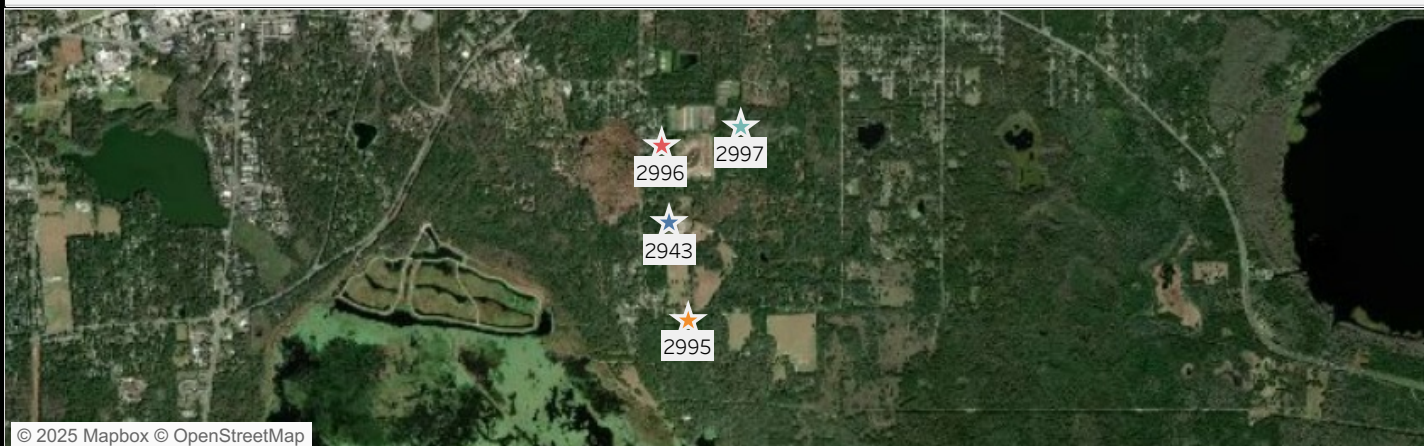


Figure 1 : Monitoring Locations

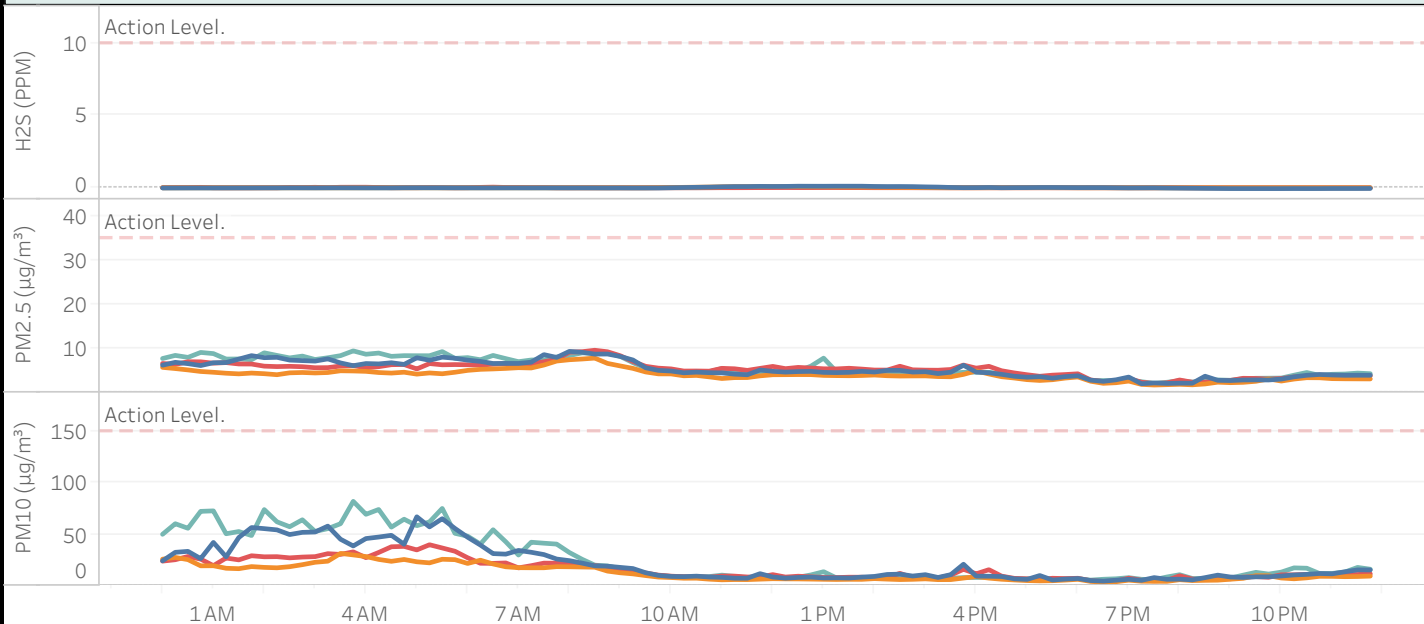


Figure 2 : 15 Minutes Average Concentrations

2943 2995 2996 2997



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Wind Rose Chart 2943

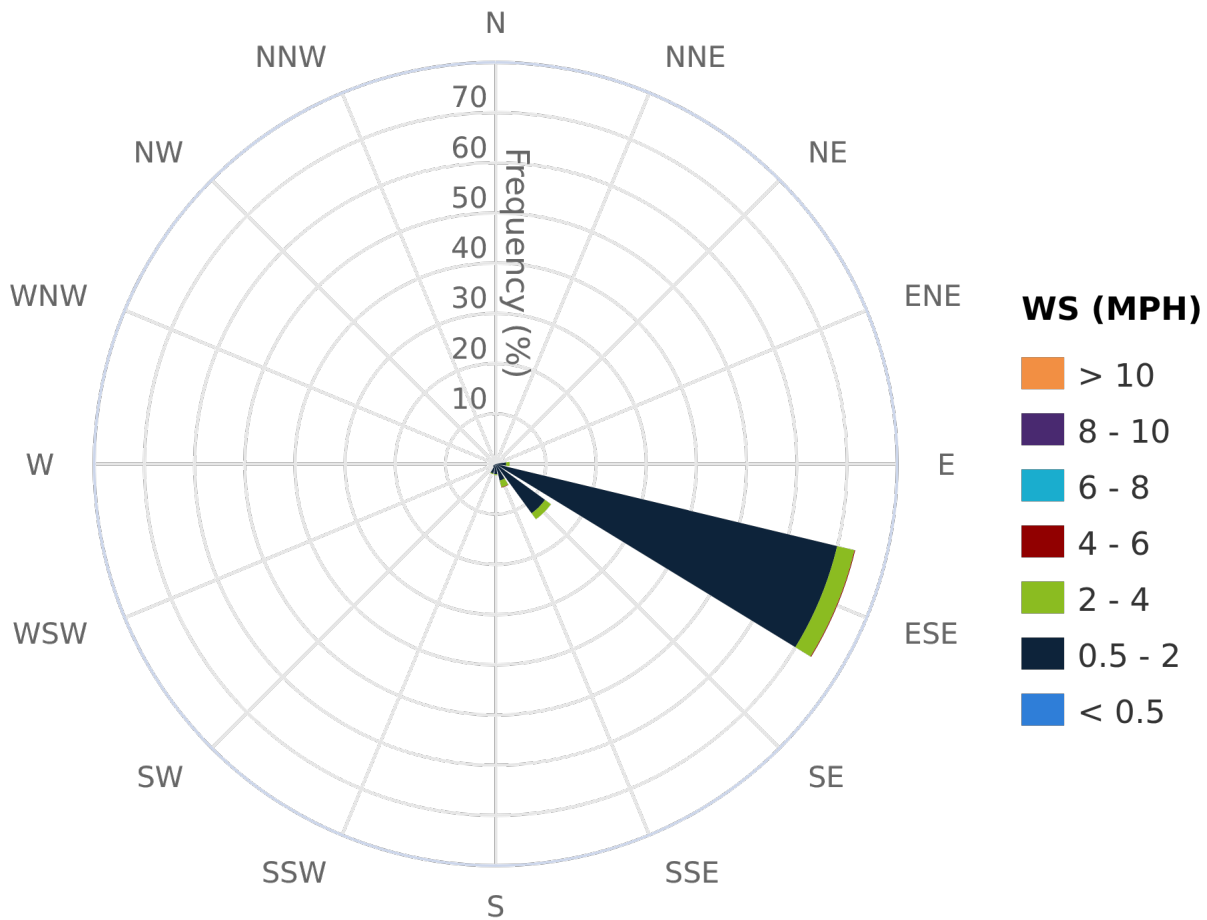


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

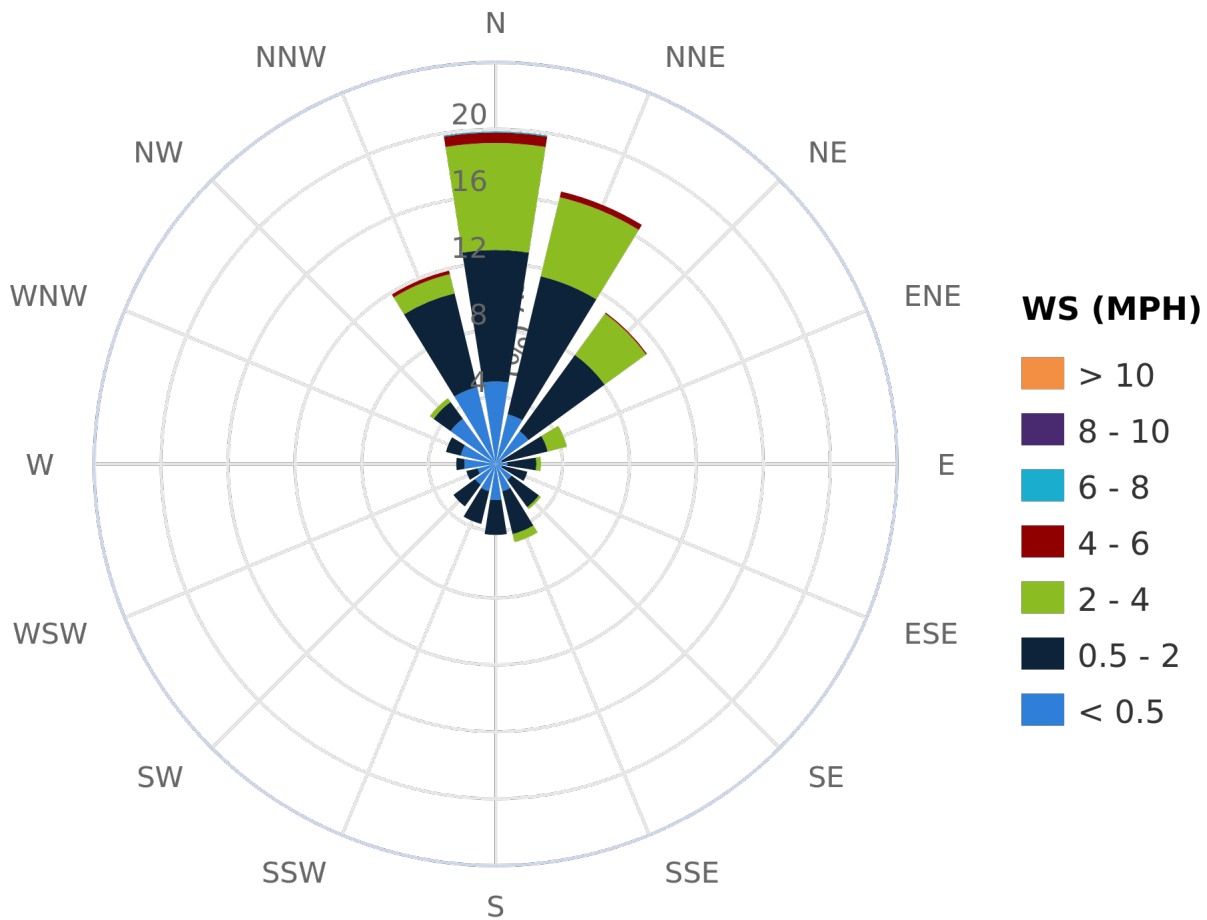


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

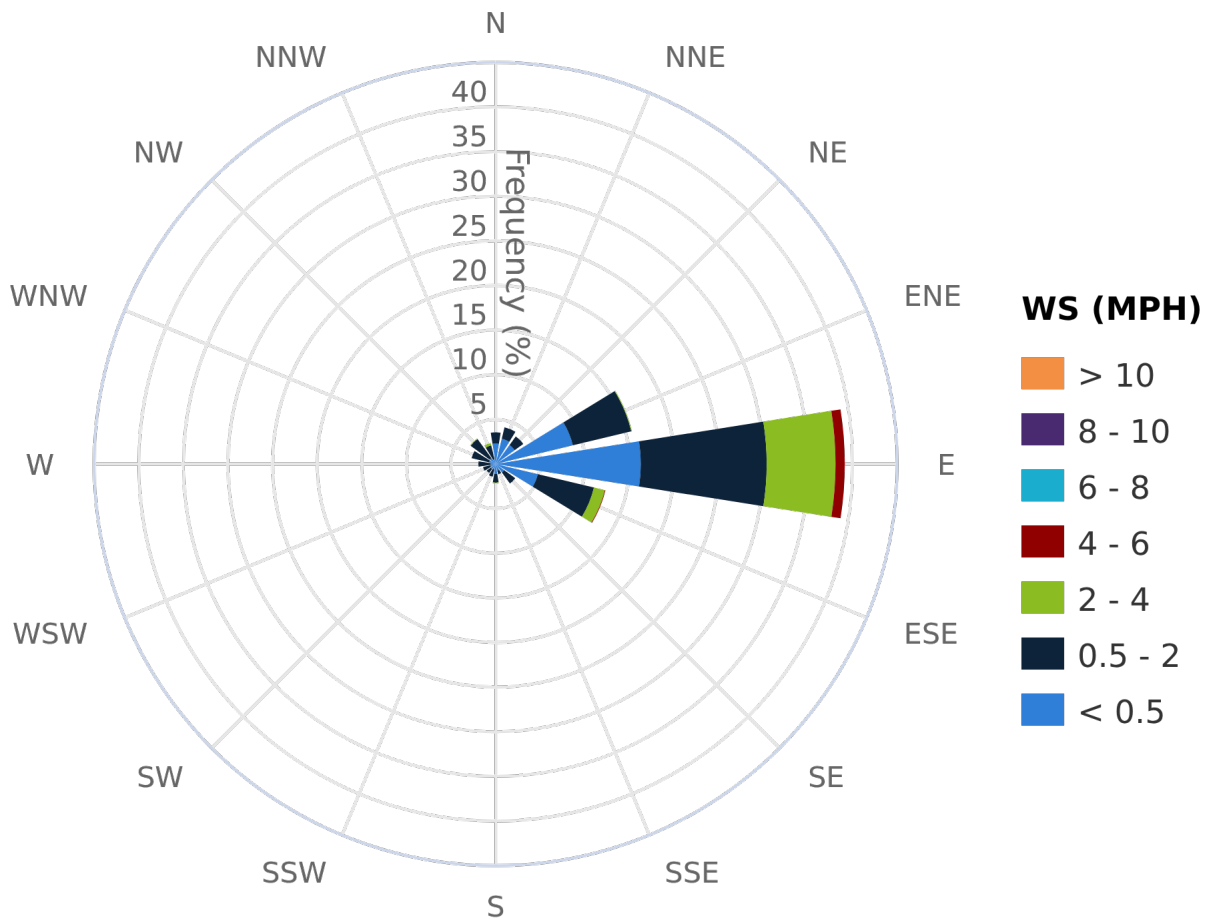


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

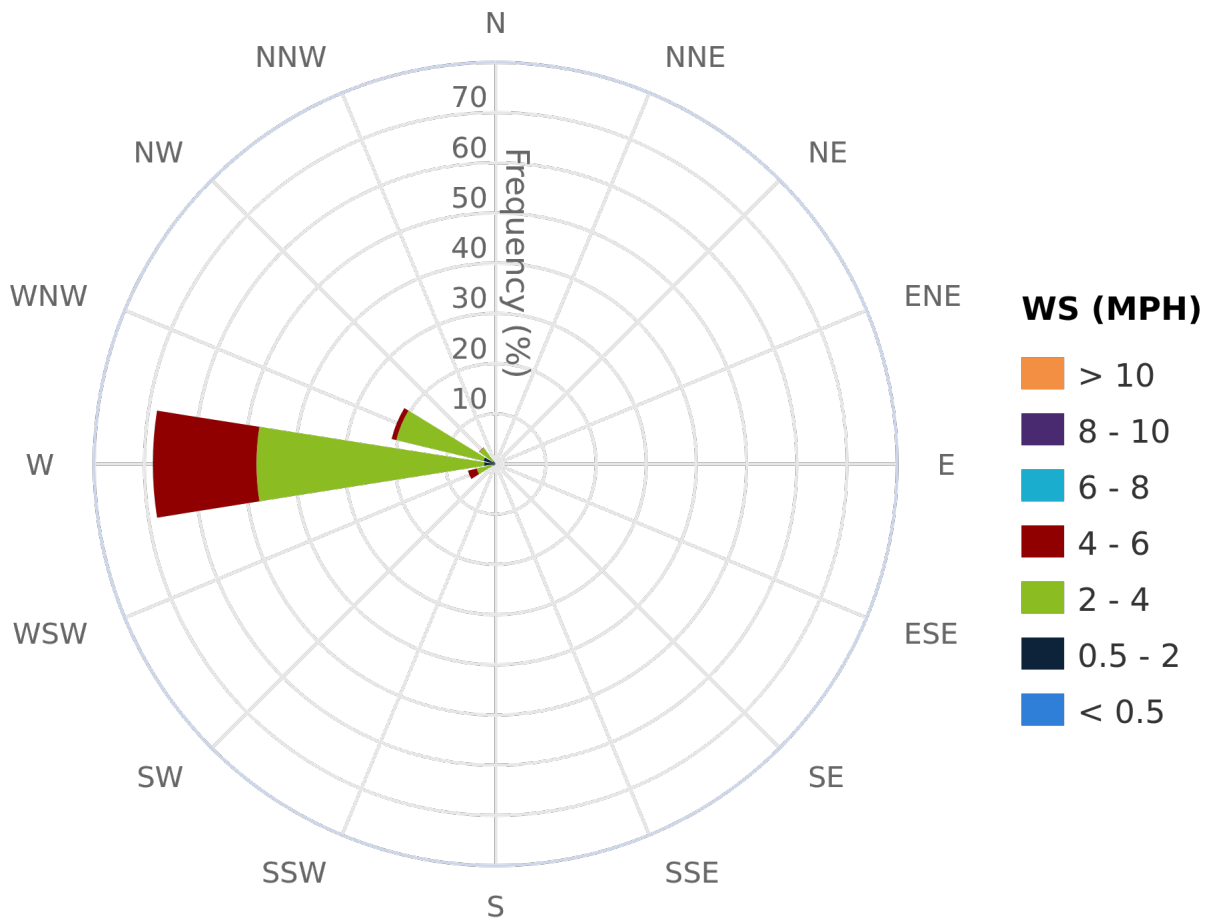


Figure 3 : Wind Rose Chart (WS in MPH)



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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	24.1	25.8	49.8	23.9	6.2	5.7	6.6	7.7	-0.012	0.000	0.007	0.000
00:15:00	32.4	27.5	60.1	25.2	6.8	5.4	6.4	8.4	-0.011	0.000	0.015	0.000
00:30:00	33.3	25.3	55.7	28.4	6.6	5.1	7.0	8.0	-0.010	0.000	0.016	0.000
00:45:00	26.3	19.3	72.1	25.8	6.1	4.8	7.0	9.1	-0.009	0.000	0.032	0.000
01:00:00	42.0	19.4	72.5	19.5	6.8	4.6	6.7	8.8	-0.010	0.000	0.003	0.000
01:15:00	28.1	17.0	50.4	26.9	6.8	4.4	6.8	7.6	-0.009	0.000	0.000	0.000
01:30:00	46.8	16.5	52.5	25.1	7.6	4.2	6.5	7.6	-0.008	0.000	0.000	0.000
01:45:00	56.4	18.6	48.6	29.1	8.4	4.4	6.5	7.4	-0.007	0.000	0.000	0.000
02:00:00	55.3	17.8	73.8	28.1	7.9	4.3	6.0	9.0	-0.005	0.000	0.003	0.000
02:15:00	54.1	17.4	61.9	28.2	8.0	4.1	5.9	8.4	-0.004	0.000	0.001	0.000
02:30:00	49.6	18.5	57.2	27.0	7.4	4.5	5.9	7.8	0.000	0.000	0.029	0.000
02:45:00	51.7	20.4	63.9	27.8	7.2	4.6	5.9	8.3	-0.002	0.000	0.019	0.000
03:00:00	52.1	22.8	52.6	28.2	7.1	4.4	5.6	7.5	-0.004	0.000	0.035	0.000
03:15:00	57.8	23.8	55.3	31.1	7.6	4.5	5.6	7.9	-0.001	0.000	0.011	0.000
03:30:00	45.1	31.3	60.1	30.4	6.7	4.9	6.0	8.4	0.000	0.000	0.038	0.000
03:45:00	38.6	29.9	81.8	32.8	6.1	4.9	6.1	9.4	-0.002	0.000	0.040	0.000
04:00:00	45.7	28.3	69.2	27.2	6.6	4.8	5.6	8.7	-0.004	0.001	0.040	0.001
04:15:00	47.2	25.5	73.9	32.3	6.5	4.5	5.9	8.9	-0.005	0.002	0.022	0.001
04:30:00	48.9	23.7	56.8	37.8	6.8	4.4	6.3	8.2	-0.004	0.004	0.004	0.000
04:45:00	40.2	25.5	64.5	38.1	6.4	4.6	6.4	8.4	0.003	0.000	0.007	0.001
05:00:00	66.8	23.2	58.2	34.7	7.9	4.2	5.4	8.3	0.005	0.000	0.005	0.002
05:15:00	57.0	22.2	61.8	39.7	7.3	4.5	6.6	8.3	0.004	0.000	0.018	0.001
05:30:00	65.0	25.7	74.9	36.6	8.0	4.3	6.3	9.3	0.003	0.000	0.007	0.000
05:45:00	55.5	25.3	50.8	33.4	7.8	4.6	6.3	7.7	-0.002	0.000	0.001	0.001
06:00:00	47.0	21.6	48.0	27.1	7.3	5.0	6.3	7.9	-0.003	0.000	0.005	0.000
06:15:00	39.5	24.8	40.4	21.8	7.1	5.3	6.2	7.4	-0.004	0.000	0.030	0.000
06:30:00	31.1	21.1	54.3	21.7	6.6	5.4	6.4	8.4	-0.005	0.000	0.047	0.000
06:45:00	30.6	18.4	42.6	22.1	6.6	5.5	6.6	7.7	-0.004	0.000	0.026	0.000
07:00:00	34.2	17.5	29.7	17.3	6.6	5.6	6.0	7.0	-0.004	0.000	0.023	0.001
07:15:00	32.4	17.4	42.2	19.5	6.9	5.6	6.5	7.4	-0.005	0.000	0.011	0.000
07:30:00	30.2	17.4	41.2	21.9	8.6	6.2	7.0	7.4	-0.004	0.000	0.012	0.000
07:45:00	25.9	18.5	40.4	21.8	8.0	7.1	7.5	8.1	-0.005	0.000	0.000	0.000
08:00:00	24.3	18.4	32.2	21.2	9.3	7.4	9.1	8.4	-0.007	0.000	0.000	0.000
08:15:00	21.9	18.2	25.7	20.4	9.1	7.6	9.3	9.0	-0.007	0.000	0.000	0.000
08:30:00	19.3	18.0	20.0	19.4	8.7	7.8	9.6	8.9	-0.009	0.000	0.000	0.000
08:45:00	19.0	14.2	19.2	18.1	8.7	6.6	9.2	9.0	-0.011	0.000	0.000	0.000
09:00:00	17.8	12.6	16.5	16.3	8.2	6.0	8.3	8.2	-0.009	0.000	0.000	0.000
09:15:00	16.7	11.5	13.8	14.2	7.4	5.5	7.0	6.8	-0.013	0.000	0.000	0.000
09:30:00	12.6	9.9	11.7	12.4	5.6	4.7	6.0	5.5	-0.012	0.000	0.000	0.000
09:45:00	10.1	8.4	9.9	10.3	5.0	4.2	5.5	5.1	-0.010	0.010	0.000	0.000
10:00:00	9.0	8.0	9.2	9.3	4.9	4.2	5.4	5.1	0.006	0.018	0.000	0.000
10:15:00	8.8	7.3	8.6	8.8	4.5	3.8	4.9	4.5	0.020	0.032	0.000	0.004
10:30:00	9.3	7.3	8.3	8.8	4.6	3.9	4.9	4.5	0.034	0.041	0.000	0.004
10:45:00	8.5	6.4	8.9	8.2	4.5	3.6	4.9	4.7	0.047	0.052	0.001	0.011
11:00:00	8.1	5.8	10.3	9.4	4.5	3.2	5.5	5.5	0.071	0.067	0.007	0.017
11:15:00	7.3	6.0	9.1	9.4	4.2	3.4	5.4	4.8	0.085	0.082	0.006	0.029
11:30:00	7.3	6.0	7.6	8.5	4.0	3.4	5.0	4.3	0.086	0.082	0.009	0.037
11:45:00	11.7	6.4	7.6	8.5	5.1	3.8	5.5	4.6	0.097	0.082	0.012	0.046



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12:00:00	8.4	6.8	7.7	10.8	4.8	4.0	5.9	4.6	0.092	0.080	0.015	0.051
12:15:00	7.4	6.7	7.9	8.4	4.6	4.1	5.4	4.8	0.096	0.085	0.017	0.053
12:30:00	8.1	6.6	8.3	9.3	4.8	4.1	5.7	4.9	0.110	0.079	0.014	0.053
12:45:00	8.4	6.5	10.5	8.6	4.8	4.1	5.6	6.0	0.108	0.067	0.013	0.047
13:00:00	7.6	6.3	13.6	8.1	4.6	3.9	5.4	7.8	0.107	0.068	0.016	0.045
13:15:00	7.7	6.1	7.6	7.9	4.5	3.8	5.4	4.8	0.111	0.060	0.015	0.042
13:30:00	7.5	6.2	7.4	8.3	4.6	3.8	5.5	4.7	0.111	0.055	0.011	0.033
13:45:00	8.4	6.2	7.4	8.3	4.8	3.9	5.3	4.4	0.110	0.052	0.010	0.034
14:00:00	9.1	6.9	7.3	7.7	4.7	4.0	5.1	4.4	0.093	0.045	0.006	0.036
14:15:00	10.9	6.4	7.3	8.1	5.0	3.8	5.1	4.4	0.086	0.036	0.006	0.031
14:30:00	11.3	6.0	7.1	12.0	5.0	3.8	6.0	4.4	0.089	0.032	0.006	0.030
14:45:00	9.4	6.2	7.1	7.9	4.7	3.8	5.2	4.4	0.082	0.021	0.004	0.033
15:00:00	10.7	6.7	7.0	7.8	4.7	3.8	5.1	4.3	0.063	0.012	0.000	0.025
15:15:00	8.0	5.9	6.7	7.6	4.3	3.6	5.1	4.2	0.050	0.005	0.000	0.023
15:30:00	10.8	6.0	7.3	10.3	4.6	3.6	5.2	4.4	0.024	0.000	0.000	0.022
15:45:00	20.9	7.5	7.9	15.9	6.2	4.1	6.2	4.6	0.008	0.000	0.000	0.019
16:00:00	9.3	8.9	8.0	11.6	4.6	4.9	5.5	4.6	0.011	0.000	0.000	0.019
16:15:00	9.2	7.4	8.1	15.6	4.5	4.2	5.9	4.6	0.023	0.003	0.000	0.016
16:30:00	8.9	6.3	7.7	9.3	4.1	3.6	4.9	4.2	0.004	0.003	0.000	0.014
16:45:00	6.7	5.6	6.8	7.2	3.7	3.3	4.5	3.9	0.010	0.005	0.000	0.014
17:00:00	6.2	5.0	6.7	6.7	3.5	2.9	4.0	3.6	0.014	0.005	0.000	0.015
17:15:00	9.9	4.7	5.7	6.0	3.6	2.8	3.7	3.3	0.021	0.007	0.000	0.012
17:30:00	5.6	4.9	6.4	7.3	3.3	2.9	4.0	3.4	0.022	0.006	0.000	0.010
17:45:00	6.5	5.5	6.8	7.0	3.6	3.3	4.1	3.8	0.017	0.005	0.000	0.008
18:00:00	7.1	6.2	6.9	7.3	3.8	3.5	4.3	3.8	0.012	0.000	0.000	0.007
18:15:00	5.0	4.2	5.5	4.8	2.8	2.6	2.9	2.7	0.014	0.000	0.000	0.005
18:30:00	4.5	3.5	6.3	4.2	2.6	2.1	2.5	2.7	0.012	0.001	0.000	0.006
18:45:00	5.4	3.9	6.8	4.7	2.9	2.2	2.7	2.7	0.003	0.000	0.000	0.005
19:00:00	6.3	5.4	7.9	7.3	3.5	2.6	3.2	2.9	-0.006	0.000	0.000	0.000
19:15:00	5.3	4.4	6.3	5.3	2.0	1.9	2.3	2.5	-0.005	0.000	0.000	0.002
19:30:00	7.9	4.3	5.9	4.8	2.2	1.7	2.1	2.1	-0.003	0.000	0.000	0.004
19:45:00	6.3	4.3	8.5	5.2	2.1	1.8	2.2	2.3	-0.016	0.000	0.010	0.001
20:00:00	6.4	5.9	10.7	9.6	2.1	1.9	2.9	2.7	-0.023	0.000	0.004	0.000
20:15:00	5.7	5.1	7.1	6.5	2.1	1.8	2.4	2.4	-0.030	0.000	0.000	0.000
20:30:00	7.9	5.3	7.1	5.9	3.7	2.0	2.4	2.7	-0.039	0.000	0.000	0.000
20:45:00	10.3	5.4	8.3	6.9	2.8	2.4	2.6	2.9	-0.046	0.000	0.000	0.000
21:00:00	8.5	6.3	7.4	6.7	2.7	2.3	2.8	2.8	-0.053	0.000	0.000	0.000
21:15:00	8.1	7.2	10.3	8.4	2.9	2.3	3.2	3.1	-0.054	0.000	0.000	0.000
21:30:00	8.7	9.8	13.0	8.8	2.9	2.6	3.2	3.2	-0.055	0.000	0.000	0.000
21:45:00	8.8	9.7	11.3	8.2	2.9	3.1	3.1	3.3	-0.055	0.000	0.000	0.000
22:00:00	9.5	7.5	13.2	10.6	3.1	2.6	3.2	3.3	-0.055	0.000	0.000	0.000
22:15:00	10.5	6.8	17.3	10.6	3.6	3.1	3.5	3.9	-0.052	0.000	0.000	0.000
22:30:00	11.0	7.7	17.0	11.0	3.9	3.4	3.7	4.5	-0.054	0.000	0.000	0.000
22:45:00	11.9	9.1	11.9	11.1	4.1	3.4	4.0	3.9	-0.053	0.000	0.000	0.000
23:00:00	11.6	9.1	12.0	10.2	4.0	3.2	3.8	4.1	-0.049	0.000	0.000	0.000
23:15:00	13.6	8.8	13.3	10.9	3.9	3.1	3.9	4.2	-0.048	0.000	0.000	0.000
23:30:00	15.4	9.0	17.8	10.9	3.9	3.1	3.8	4.4	-0.049	0.000	0.000	0.000
23:45:00	15.3	9.4	16.0	11.6	3.9	3.1	3.8	4.3	-0.045	0.000	0.000	0.000



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