



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-26

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.06700 Max : 14.14	2943 ESE	2995 ENE	2996 E	2997 N	Min : 72.50 Max : 102.6	Min : 41.20 Max : 96.20	Min : 29.98 Max : 30.18

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	26.9	70.2	6.1	9.6	-0.037	0.140
2995	19.3	54.2	4.8	6.6	0.009	0.099
2996	19.8	41.9	6.3	10.7	0.004	0.047
2997	34.9	103.7	7.1	9.5	0.002	0.062

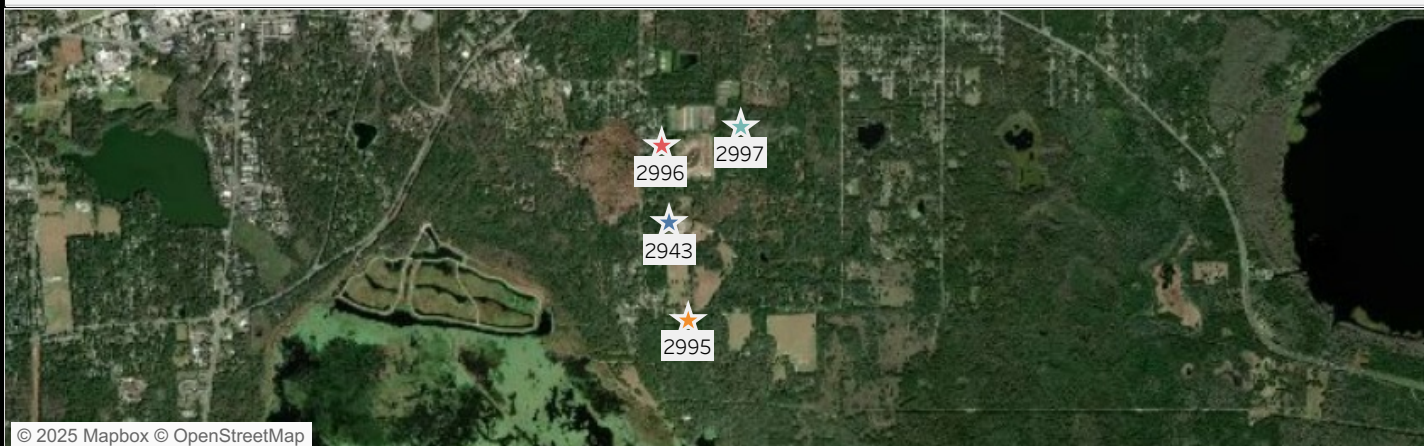


Figure 1 : Monitoring Locations

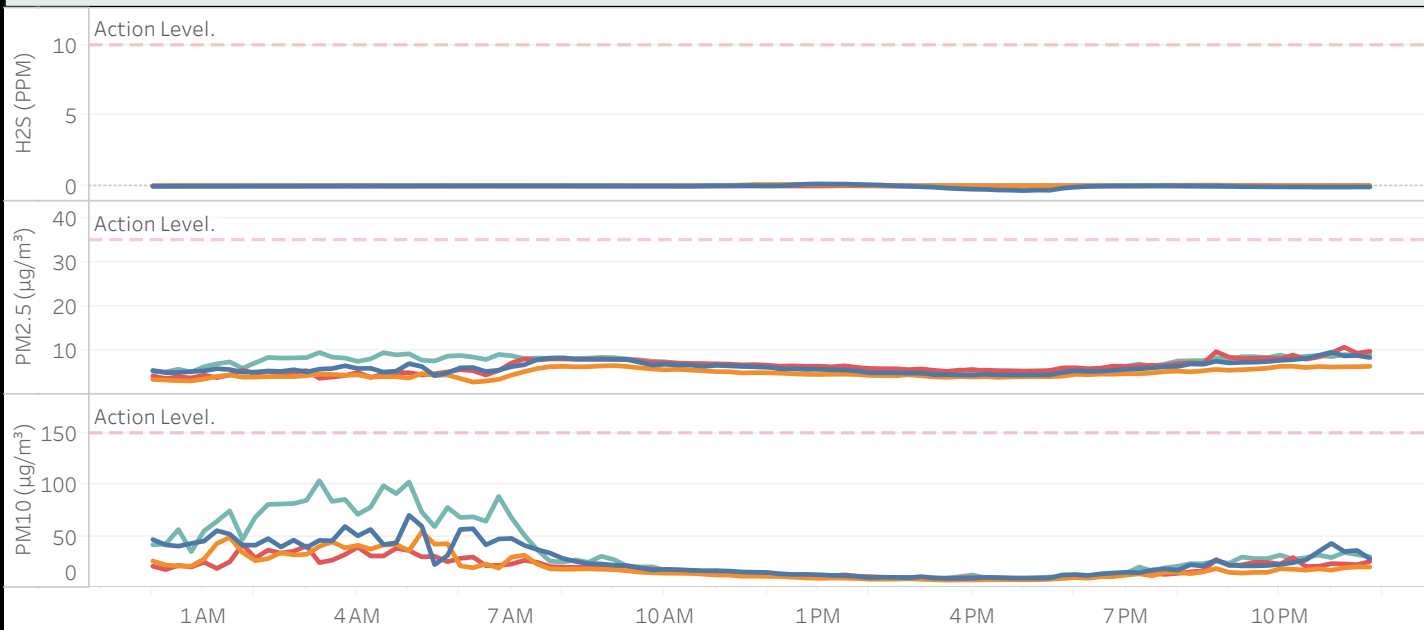


Figure 2 : 15 Minutes Average Concentrations

2943 2995 2996 2997



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Wind Rose Chart 2943

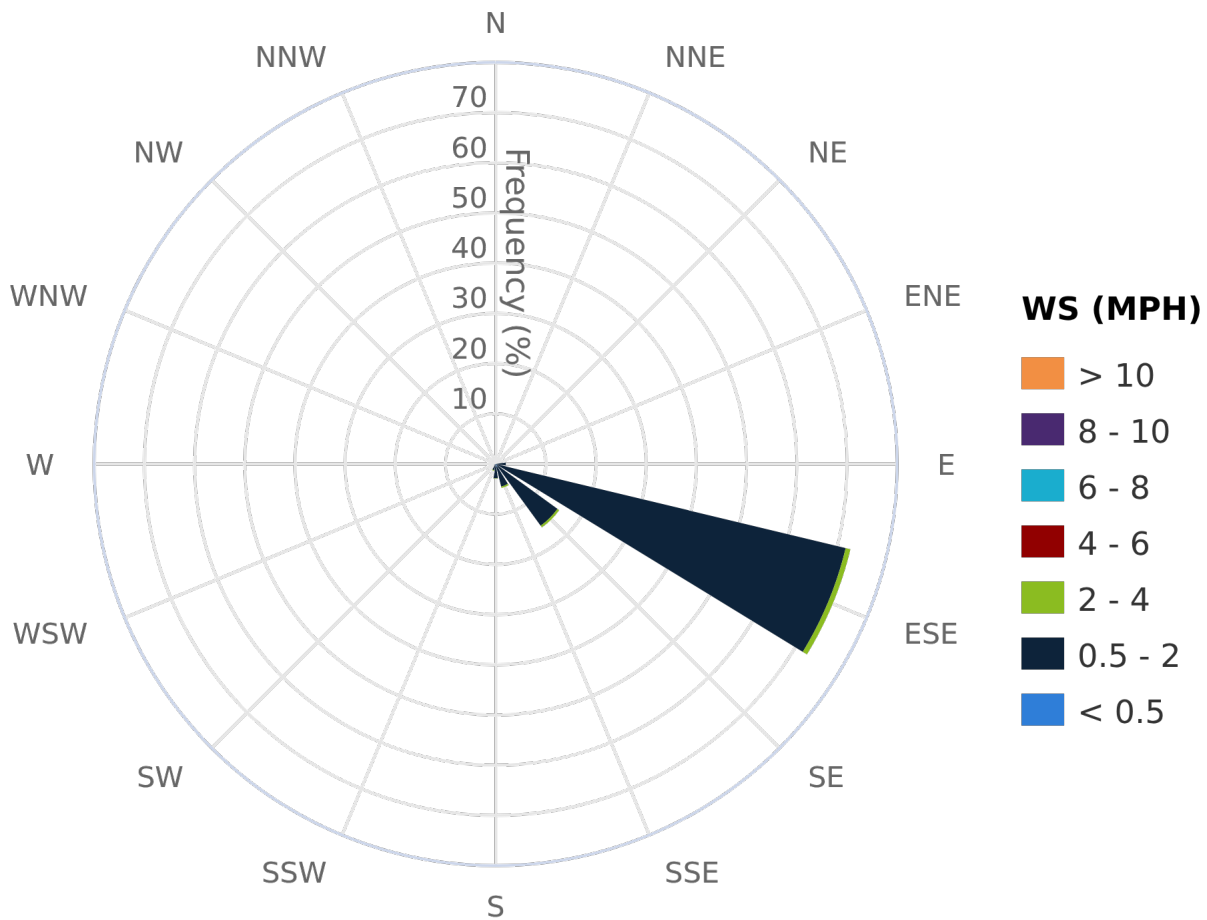


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

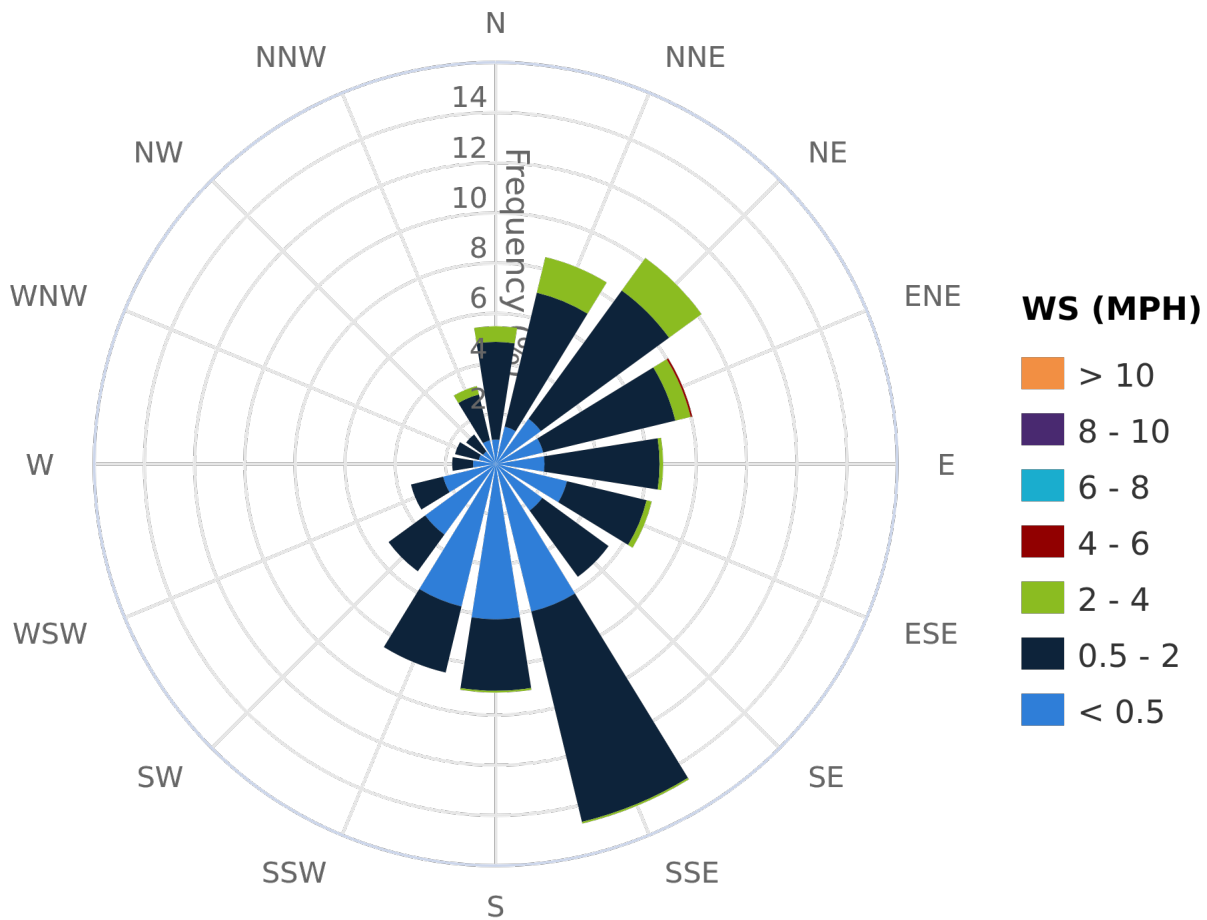


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

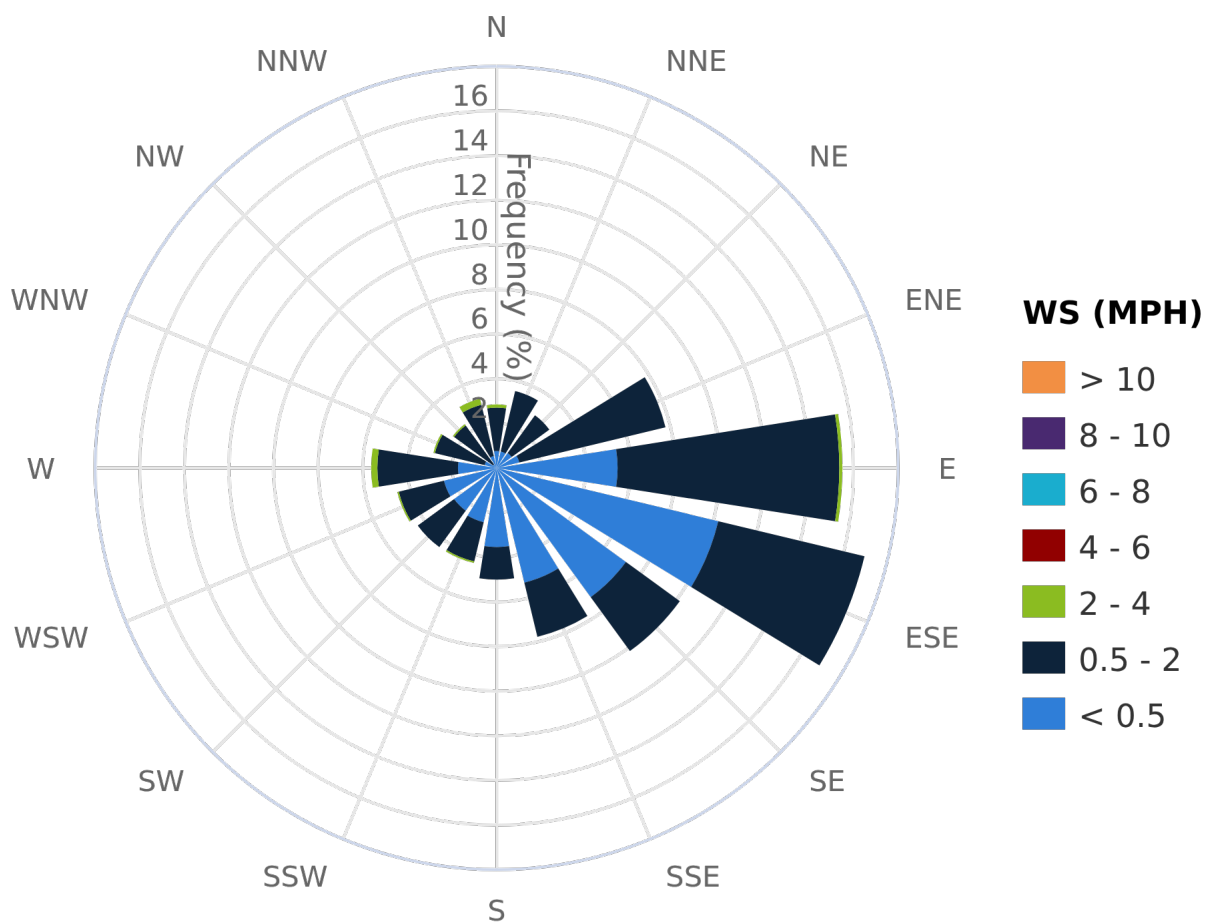


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

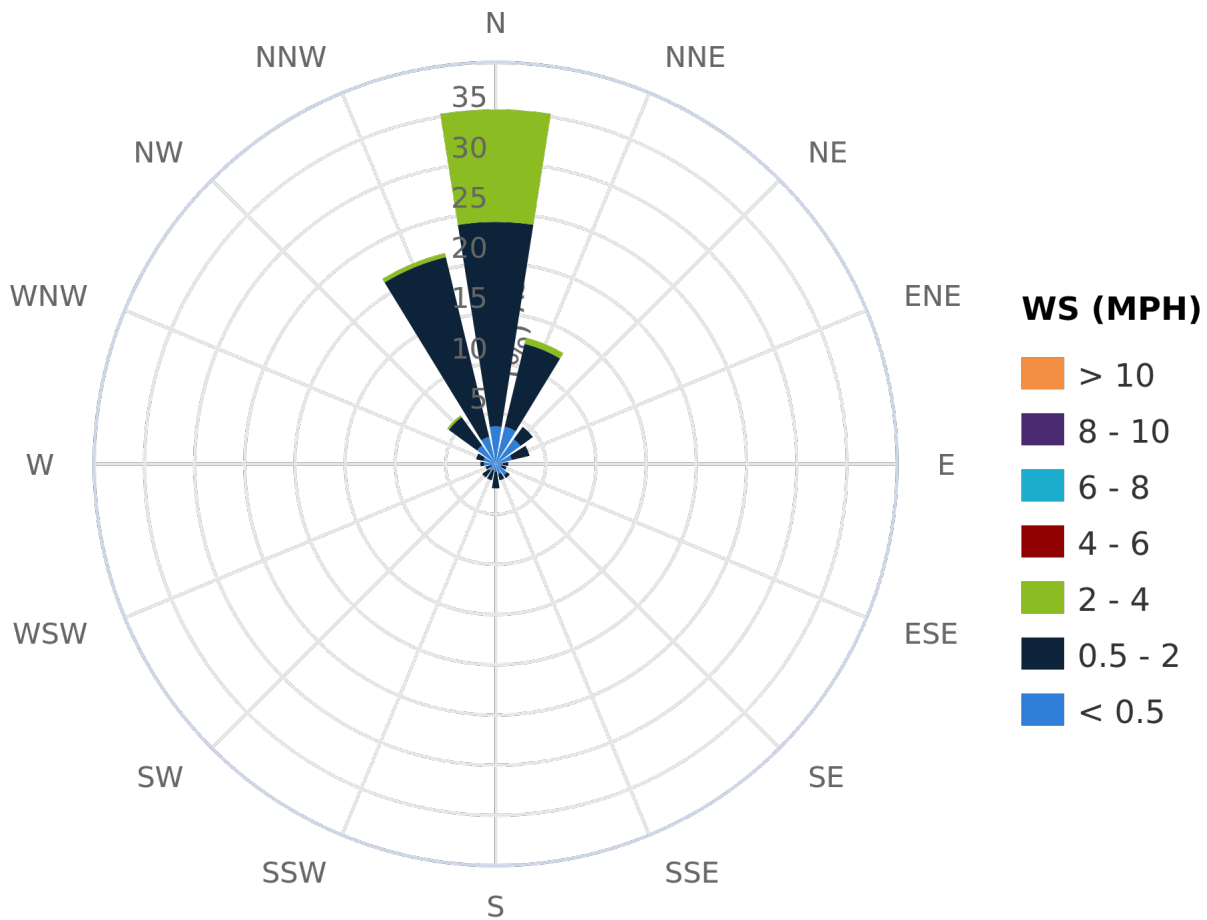


Figure 3 : Wind Rose Chart (WS in MPH)



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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	46.7	25.9	41.6	20.9	5.5	3.4	4.2	5.3	-0.031	0.000	0.000	0.000
00:15:00	41.5	22.0	42.4	17.6	5.0	3.3	3.6	5.2	-0.030	0.000	0.002	0.000
00:30:00	40.3	21.0	56.4	21.7	5.0	3.2	4.0	5.7	-0.027	0.000	0.000	0.000
00:45:00	42.9	20.9	34.9	20.1	5.2	3.1	3.8	5.1	-0.025	0.000	0.000	0.000
01:00:00	45.2	28.0	55.0	24.8	5.4	3.5	4.4	6.3	-0.026	0.000	0.000	0.000
01:15:00	55.3	42.8	64.3	18.7	5.9	4.1	3.8	7.0	-0.024	0.000	0.000	0.000
01:30:00	51.9	48.7	74.5	25.1	5.7	4.4	4.5	7.4	-0.024	0.000	0.000	0.000
01:45:00	41.3	34.1	46.9	41.9	5.1	4.0	5.6	5.9	-0.021	0.000	0.000	0.000
02:00:00	41.2	26.3	68.4	28.8	5.1	4.0	4.8	7.2	-0.021	0.000	0.000	0.000
02:15:00	47.6	28.3	80.7	36.5	5.4	4.1	5.3	8.4	-0.019	0.000	0.000	0.000
02:30:00	39.5	34.0	81.1	33.5	5.2	4.1	4.8	8.3	-0.018	0.000	0.000	0.000
02:45:00	46.1	31.8	81.6	35.4	5.6	4.1	5.1	8.3	-0.017	0.000	0.000	0.000
03:00:00	39.0	32.4	84.7	40.6	5.1	4.3	5.4	8.4	-0.015	0.000	0.000	0.000
03:15:00	45.9	40.1	103.7	24.3	5.8	4.6	3.7	9.5	-0.016	0.000	0.000	0.000
03:30:00	45.5	44.6	83.7	26.7	5.9	4.6	4.0	8.5	-0.016	0.000	0.000	0.000
03:45:00	59.3	38.6	85.6	32.2	6.5	4.4	4.3	8.3	-0.011	0.000	0.000	0.000
04:00:00	50.3	41.1	71.1	39.3	5.9	4.5	5.0	7.5	-0.013	0.000	0.000	0.000
04:15:00	56.4	37.5	78.0	30.8	6.0	4.0	3.9	8.1	-0.012	0.000	0.000	0.000
04:30:00	41.9	41.4	98.8	30.8	5.1	4.1	4.6	9.5	-0.010	0.000	0.001	0.000
04:45:00	43.5	42.0	91.2	38.2	5.3	4.0	5.0	9.0	-0.011	0.000	0.001	0.000
05:00:00	70.2	35.9	102.4	36.0	7.0	3.8	5.0	9.2	-0.010	0.000	0.000	0.000
05:15:00	59.6	54.2	73.3	29.8	6.4	4.8	4.5	7.8	-0.008	0.000	0.000	0.000
05:30:00	22.4	42.2	59.2	30.5	4.3	4.4	4.7	7.6	-0.009	0.000	0.000	0.000
05:45:00	31.1	42.7	77.7	25.2	4.9	4.5	5.1	8.7	-0.007	0.000	0.000	0.000
06:00:00	56.5	21.2	68.1	28.5	6.1	3.6	5.7	8.8	-0.007	0.000	0.000	0.000
06:15:00	57.2	19.4	68.7	29.7	6.1	2.8	5.4	8.5	-0.006	0.001	0.000	0.000
06:30:00	41.6	23.0	64.4	21.4	5.2	3.1	4.4	7.9	-0.003	0.000	0.000	0.000
06:45:00	47.3	19.1	88.5	21.7	5.5	3.4	5.5	9.1	-0.004	0.000	0.000	0.000
07:00:00	47.8	29.6	67.8	23.0	6.3	4.4	7.1	8.8	-0.005	0.000	0.000	0.000
07:15:00	41.1	31.6	50.9	26.5	6.8	5.2	8.1	8.1	-0.005	0.000	0.000	0.000
07:30:00	37.0	23.0	37.0	24.7	7.9	5.9	7.8	8.3	-0.007	0.000	0.000	0.000
07:45:00	33.6	18.4	25.7	20.6	8.3	6.3	8.1	8.2	-0.007	0.000	0.000	0.000
08:00:00	28.4	18.0	25.0	20.0	8.3	6.4	8.1	8.2	-0.007	0.000	0.000	0.000
08:15:00	25.5	18.1	27.0	19.8	8.0	6.3	8.0	8.1	-0.009	0.000	0.000	0.000
08:30:00	23.4	18.3	24.6	19.9	8.0	6.3	8.0	8.2	-0.009	0.000	0.000	0.000
08:45:00	23.0	17.9	30.5	21.5	8.0	6.5	8.1	8.4	-0.010	0.000	0.000	0.000
09:00:00	21.9	17.6	27.3	21.0	8.0	6.6	8.0	8.4	-0.013	0.000	0.000	0.000
09:15:00	21.5	16.5	21.0	20.7	7.9	6.4	8.0	8.1	-0.013	0.000	0.000	0.000
09:30:00	19.3	15.1	20.2	18.7	7.3	6.0	7.7	7.9	-0.014	0.000	0.000	0.000
09:45:00	17.2	14.5	20.3	18.0	6.7	5.8	7.3	7.5	-0.014	0.000	0.000	0.000
10:00:00	17.8	14.2	17.0	16.6	6.9	5.6	7.2	7.4	-0.015	0.000	0.000	0.000
10:15:00	17.5	14.1	16.2	16.3	6.7	5.7	7.1	7.1	-0.019	0.000	0.000	0.000
10:30:00	16.9	13.9	16.3	16.2	6.7	5.5	7.0	6.9	-0.021	0.000	0.000	0.000
10:45:00	16.5	13.1	16.0	15.8	6.4	5.4	7.0	6.7	-0.007	0.000	0.000	0.000
11:00:00	16.3	12.4	16.7	15.0	6.6	5.2	6.9	7.0	0.012	0.002	0.000	0.000
11:15:00	16.2	12.2	15.2	14.7	6.5	5.2	6.9	6.6	0.008	0.017	0.000	0.000
11:30:00	15.3	11.3	14.5	14.1	6.4	4.9	6.7	6.4	0.022	0.060	0.000	0.000
11:45:00	15.0	11.2	14.2	13.6	6.3	5.0	6.8	6.3	0.018	0.092	0.000	0.000



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12:00:00	14.8	11.0	13.7	13.3	6.2	4.9	6.6	6.2	0.009	0.091	0.000	0.000
12:15:00	13.5	10.9	13.2	12.4	5.8	4.9	6.4	6.0	0.013	0.099	0.000	0.004
12:30:00	12.9	10.2	12.6	12.6	5.8	4.7	6.5	6.0	0.071	0.097	0.000	0.003
12:45:00	12.9	9.5	11.0	12.2	5.8	4.6	6.4	5.6	0.121	0.085	0.000	0.000
13:00:00	12.6	9.1	12.0	11.9	5.7	4.6	6.4	6.0	0.140	0.076	0.000	0.000
13:15:00	12.0	9.4	11.2	11.7	5.6	4.6	6.3	5.7	0.127	0.067	0.000	0.024
13:30:00	11.9	9.3	11.4	12.5	5.6	4.6	6.5	5.7	0.129	0.060	0.013	0.062
13:45:00	11.0	9.0	11.3	11.0	5.4	4.5	6.1	5.6	0.097	0.053	0.004	0.059
14:00:00	9.8	8.3	9.9	10.8	4.9	4.3	5.9	5.1	0.081	0.036	0.000	0.020
14:15:00	10.1	8.2	9.5	10.2	4.9	4.3	5.9	5.0	0.054	0.007	0.000	0.000
14:30:00	10.1	8.4	9.9	9.8	4.9	4.3	5.9	4.9	0.003	0.000	0.000	0.000
14:45:00	9.7	8.8	9.2	9.8	4.9	4.5	5.6	5.0	-0.023	0.000	0.000	0.000
15:00:00	10.8	8.2	9.0	9.9	4.9	4.3	5.8	4.9	-0.061	0.000	0.000	0.000
15:15:00	9.4	7.7	9.0	9.6	4.5	4.0	5.5	4.8	-0.096	0.000	0.000	0.000
15:30:00	9.1	7.4	9.6	9.0	4.5	3.9	5.3	5.0	-0.163	0.000	0.000	0.000
15:45:00	9.1	7.6	10.7	9.7	4.4	4.1	5.5	5.4	-0.204	0.000	0.000	0.000
16:00:00	9.3	7.5	12.4	9.6	4.5	4.0	5.5	5.8	-0.236	0.000	0.000	0.000
16:15:00	10.0	7.8	9.4	9.9	4.6	4.1	5.5	5.1	-0.250	0.000	0.000	0.000
16:30:00	9.8	7.8	9.1	9.6	4.5	3.9	5.4	5.0	-0.292	0.000	0.000	0.000
16:45:00	9.4	7.8	9.4	9.3	4.5	4.0	5.4	5.0	-0.306	0.000	0.000	0.000
17:00:00	9.4	7.7	8.9	9.2	4.4	4.1	5.3	4.9	-0.334	0.000	0.000	0.000
17:15:00	9.4	7.8	9.6	9.4	4.5	4.1	5.4	5.0	-0.302	0.000	0.000	0.000
17:30:00	9.4	8.2	10.4	9.5	4.5	4.1	5.4	5.4	-0.312	0.000	0.000	0.000
17:45:00	12.4	9.0	10.5	10.2	5.0	4.2	6.0	5.6	-0.170	0.000	0.000	0.000
18:00:00	12.8	9.9	10.4	10.8	5.4	4.6	6.1	5.6	-0.089	0.000	0.000	0.000
18:15:00	12.0	9.2	10.9	10.8	5.2	4.5	5.9	5.4	-0.040	0.000	0.000	0.000
18:30:00	13.5	10.7	10.9	11.4	5.3	4.6	6.0	5.5	-0.018	0.001	0.000	0.000
18:45:00	14.3	10.8	11.5	12.9	5.5	4.6	6.5	5.9	-0.004	0.005	0.000	0.000
19:00:00	15.0	12.3	14.2	13.0	5.7	4.7	6.4	6.4	-0.003	0.003	0.000	0.000
19:15:00	14.7	13.5	20.1	14.0	5.8	4.7	6.5	6.9	0.001	0.000	0.000	0.002
19:30:00	17.2	11.6	16.3	14.2	6.1	4.9	6.6	6.4	0.004	0.001	0.007	0.000
19:45:00	18.2	14.8	19.3	12.9	6.3	5.2	6.6	6.9	0.002	0.001	0.043	0.002
20:00:00	17.1	14.9	20.8	14.0	6.4	5.3	7.0	7.6	-0.004	0.000	0.026	0.002
20:15:00	22.3	13.7	23.3	15.4	6.9	5.1	7.2	7.7	-0.015	0.000	0.041	0.000
20:30:00	21.0	15.5	23.4	16.4	6.9	5.4	7.1	7.7	-0.025	0.000	0.047	0.000
20:45:00	26.9	18.6	25.7	27.2	7.5	5.7	9.7	8.3	-0.029	0.000	0.046	0.000
21:00:00	21.9	14.9	23.6	21.8	7.2	5.5	8.5	8.1	-0.040	0.000	0.027	0.000
21:15:00	21.3	14.2	29.7	22.1	7.3	5.6	8.1	8.6	-0.055	0.000	0.021	0.000
21:30:00	21.2	14.9	28.3	24.8	7.3	5.8	8.2	8.6	-0.056	0.000	0.017	0.000
21:45:00	21.6	14.9	28.3	24.5	7.5	6.0	8.3	8.4	-0.067	0.000	0.013	0.000
22:00:00	22.6	18.4	31.7	22.9	7.7	6.4	8.1	8.9	-0.071	0.000	0.004	0.000
22:15:00	24.3	18.0	27.6	29.3	7.9	6.4	8.9	8.3	-0.075	0.000	0.001	0.000
22:30:00	26.9	17.1	29.1	20.6	8.2	6.1	8.0	8.7	-0.076	0.000	0.000	0.000
22:45:00	35.1	18.3	31.7	20.8	8.9	6.4	8.5	8.8	-0.082	0.000	0.000	0.000
23:00:00	43.0	17.1	29.2	23.4	9.6	6.2	9.5	8.6	-0.084	0.000	0.009	0.000
23:15:00	35.2	19.3	34.2	23.0	8.7	6.3	10.7	9.0	-0.082	0.000	0.002	0.000
23:30:00	36.2	20.2	32.1	22.3	8.8	6.3	9.3	8.9	-0.079	0.000	0.010	0.000
23:45:00	28.0	20.1	30.0	25.4	8.4	6.4	9.8	9.1	-0.076	0.000	0.003	0.000



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