



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-22

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.02200 Max : 10.89	2943 SSE	2995 SE	2996 NNE	2997 S	Min : 72.68 Max : 93.74	Min : 65.30 Max : 94.70	Min : 29.88 Max : 30.05

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	19.5	55.4	4.6	8.4	0.006	0.079
2995	16.1	36.7	3.8	6.2	0.013	0.085
2996	13.3	29.4	4.5	7.8	0.003	0.028
2997	20.5	59.9	4.8	8.9	0.008	0.044

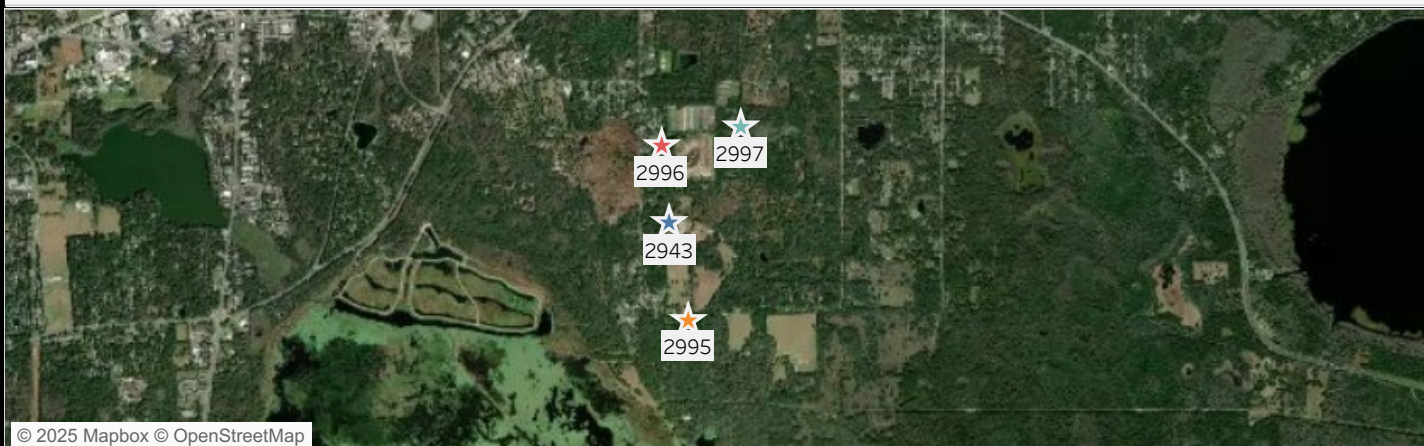


Figure 1 : Monitoring Locations

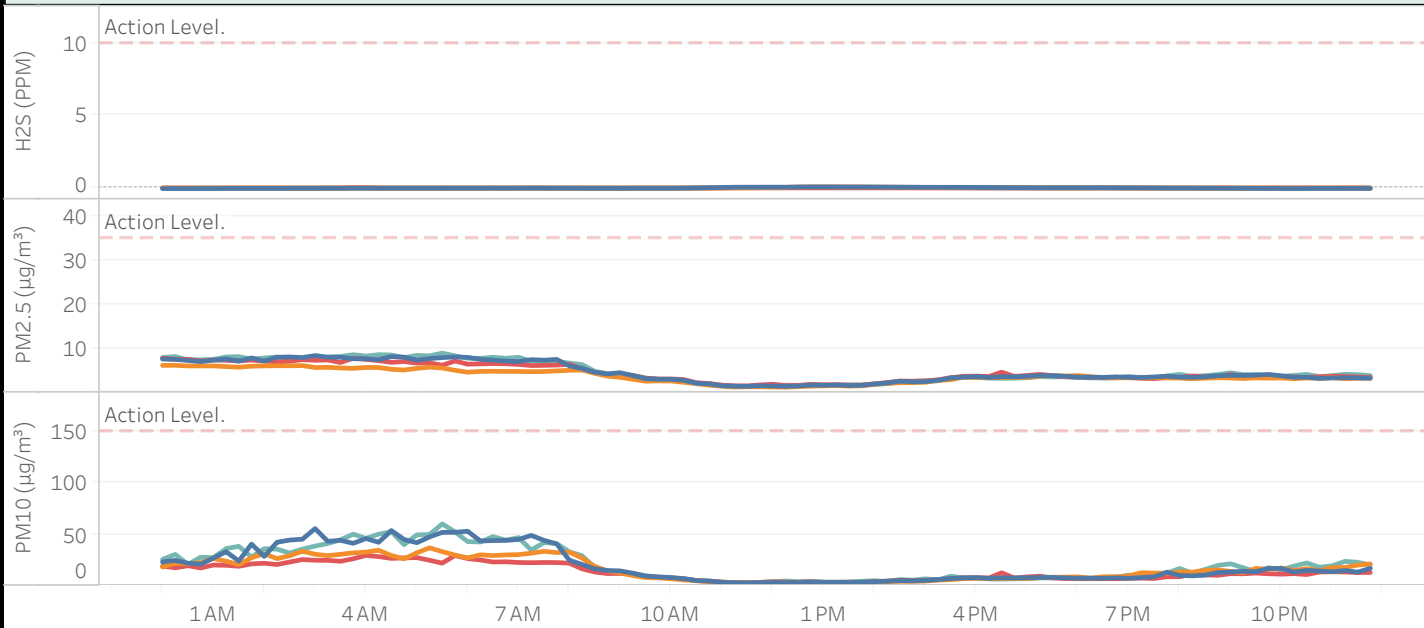


Figure 2 : 15 Minutes Average Concentrations

2943 2995 2996 2997



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Wind Rose Chart 2943

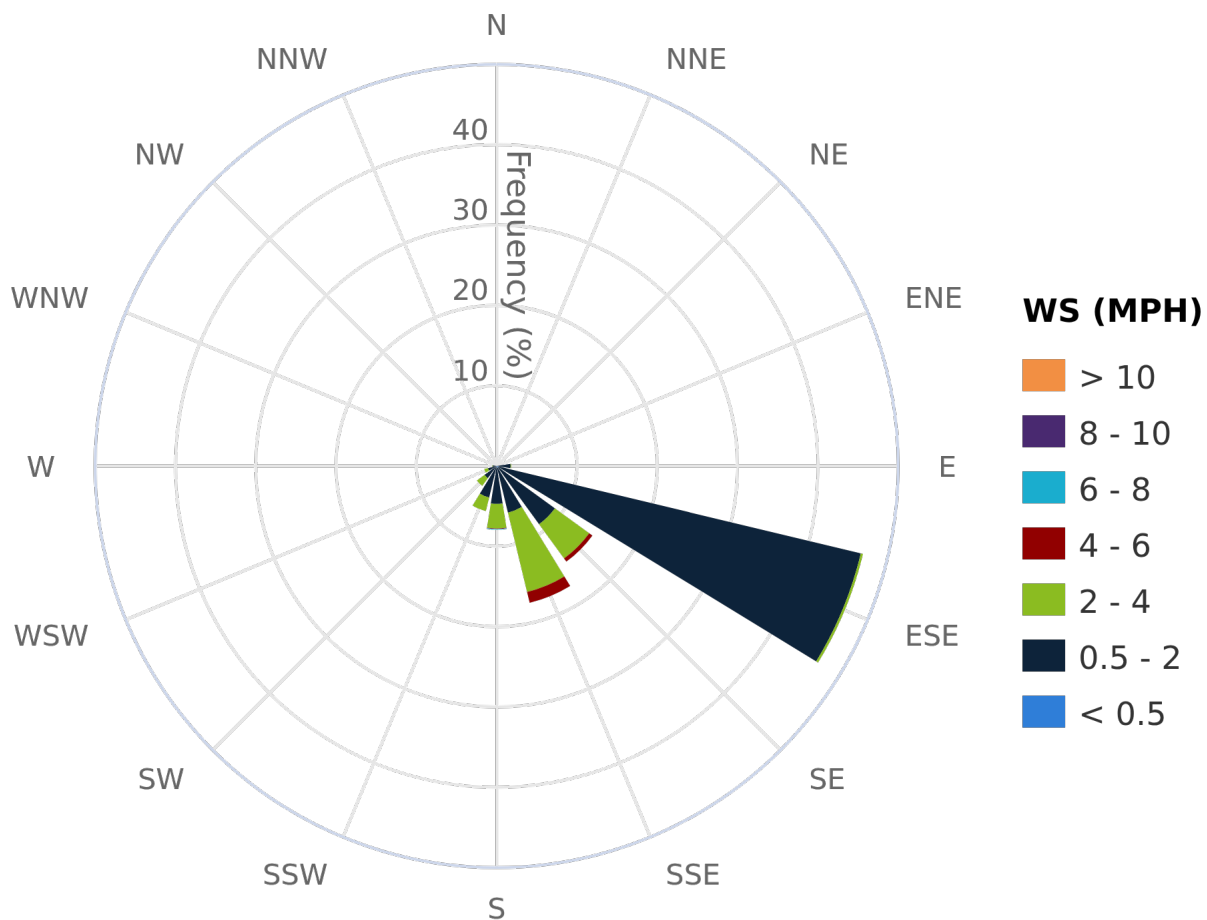


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

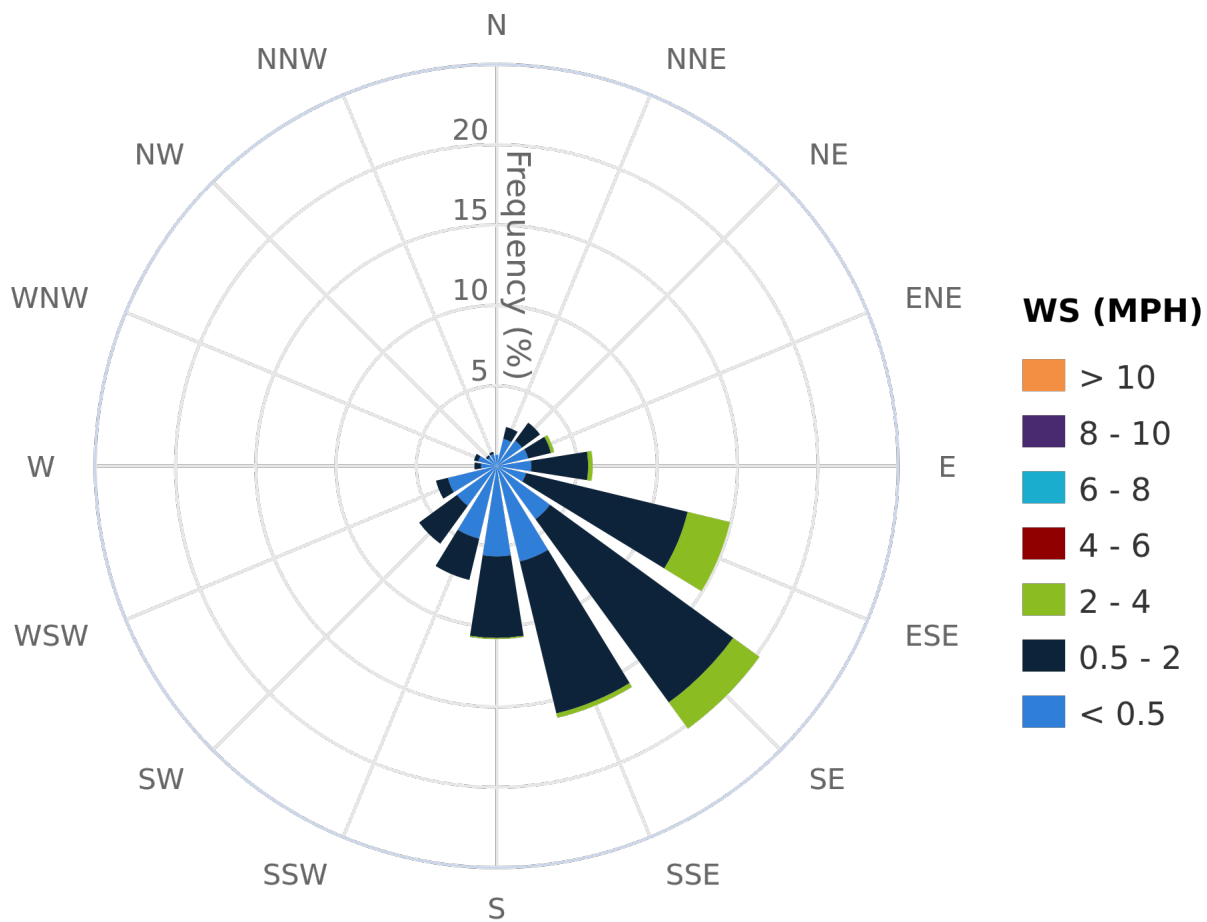


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

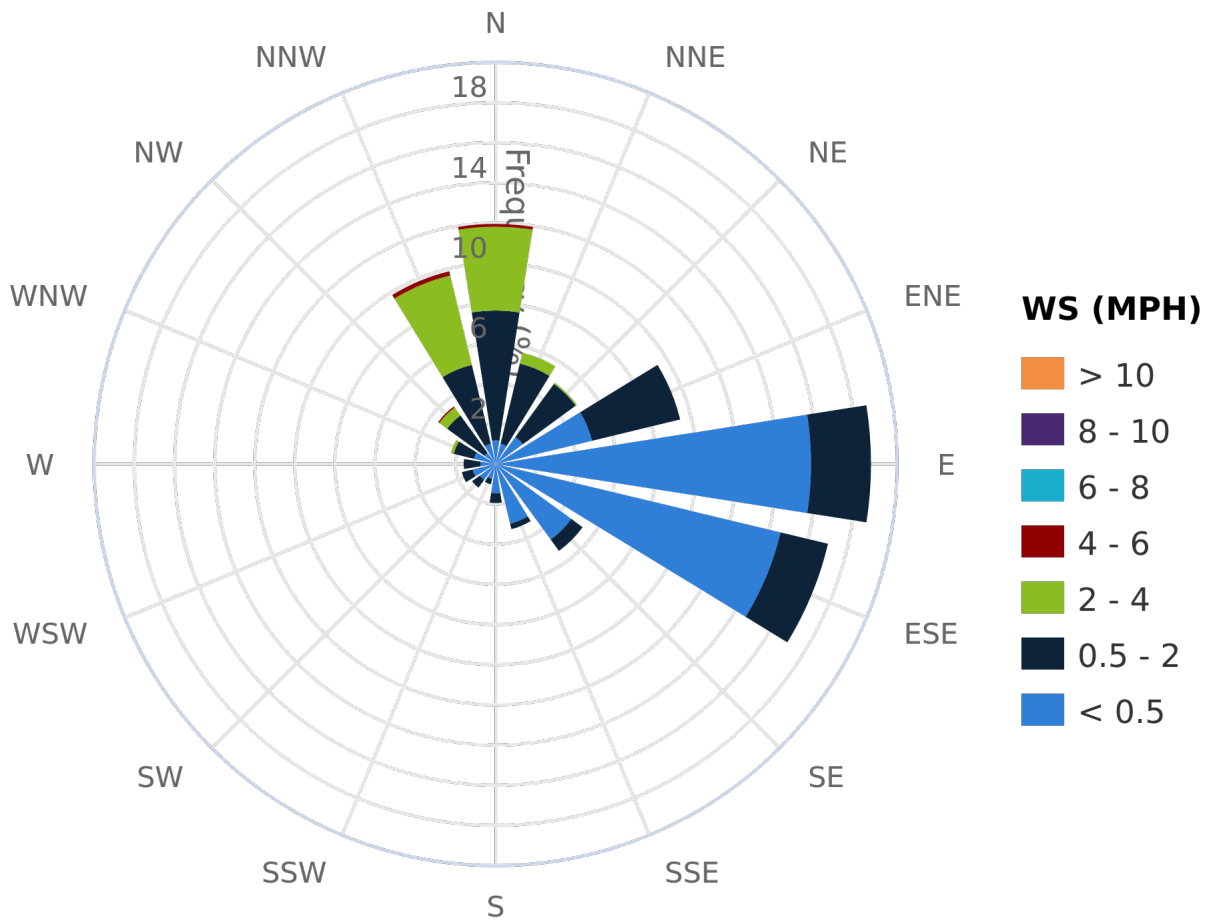


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

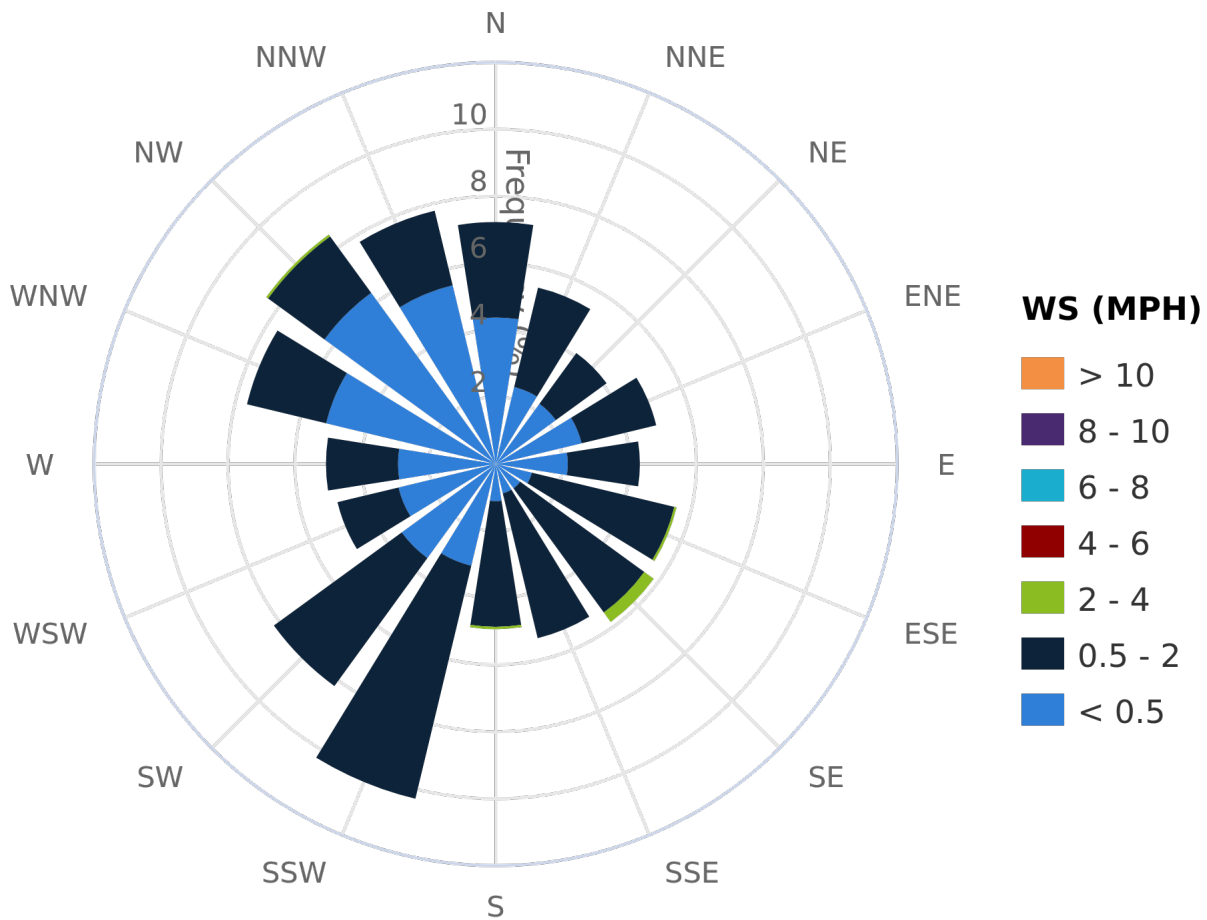


Figure 3 : Wind Rose Chart (WS in MPH)



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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	23.1	18.2	25.5	19.1	7.6	6.2	7.8	7.9	-0.038	0.000	0.000	0.000
00:15:00	24.6	21.8	30.4	17.4	7.5	6.2	7.5	8.2	-0.033	0.000	0.000	0.000
00:30:00	21.9	21.3	20.7	19.4	7.3	6.0	7.5	7.4	-0.033	0.000	0.000	0.000
00:45:00	20.9	22.3	27.6	17.2	7.0	6.0	7.1	7.4	-0.030	0.000	0.000	0.000
01:00:00	26.9	26.4	27.2	20.1	7.3	6.0	7.4	7.5	-0.030	0.000	0.000	0.000
01:15:00	33.0	23.8	36.0	19.8	7.6	5.9	7.3	8.1	-0.026	0.000	0.000	0.000
01:30:00	24.0	20.5	38.2	18.9	7.1	5.7	7.2	8.1	-0.024	0.000	0.000	0.000
01:45:00	40.4	27.2	27.8	21.2	7.8	6.0	7.4	7.5	-0.025	0.000	0.000	0.000
02:00:00	28.4	31.1	35.9	21.8	7.1	6.0	7.1	7.8	-0.023	0.000	0.000	0.000
02:15:00	42.1	26.3	35.5	20.6	8.0	6.1	6.9	8.0	-0.023	0.000	0.000	0.000
02:30:00	44.3	29.1	31.7	23.0	8.1	6.1	7.1	7.8	-0.022	0.000	0.000	0.000
02:45:00	45.1	33.5	35.5	25.4	7.9	6.1	7.5	7.6	-0.019	0.000	0.000	0.000
03:00:00	55.4	30.5	38.4	24.7	8.4	5.7	7.3	7.8	-0.019	0.000	0.000	0.000
03:15:00	43.0	29.2	40.9	24.6	8.0	5.7	7.4	8.0	-0.016	0.000	0.005	0.000
03:30:00	44.0	30.5	44.5	23.7	8.0	5.6	6.8	8.2	-0.015	0.000	0.003	0.000
03:45:00	41.1	31.9	50.0	26.2	7.7	5.5	7.8	8.6	-0.014	0.000	0.028	0.000
04:00:00	45.8	32.6	45.9	29.4	7.7	5.7	7.5	8.3	-0.013	0.000	0.028	0.000
04:15:00	42.1	34.4	50.0	28.3	7.5	5.7	7.2	8.6	-0.013	0.000	0.008	0.000
04:30:00	53.5	29.3	52.3	26.5	8.1	5.3	6.9	8.5	-0.012	0.000	0.001	0.000
04:45:00	44.8	26.0	39.8	27.0	8.0	5.1	7.0	7.9	-0.010	0.000	0.000	0.000
05:00:00	41.7	31.9	49.3	27.3	7.4	5.5	6.7	8.4	-0.012	0.000	0.000	0.000
05:15:00	47.3	36.7	49.7	24.7	7.7	5.8	6.7	8.3	-0.011	0.000	0.000	0.000
05:30:00	51.7	33.0	59.9	21.9	7.9	5.6	6.2	8.9	-0.010	0.000	0.004	0.000
05:45:00	51.7	29.7	52.3	29.3	8.1	5.0	7.2	8.3	-0.010	0.000	0.000	0.000
06:00:00	52.8	27.0	42.7	26.3	8.0	4.6	6.4	7.8	-0.010	0.000	0.000	0.000
06:15:00	43.3	30.0	42.4	25.0	7.5	4.8	6.5	7.8	-0.007	0.000	0.000	0.000
06:30:00	43.8	29.3	47.6	23.0	7.3	4.8	6.6	8.0	-0.006	0.000	0.000	0.000
06:45:00	44.0	29.9	44.2	23.2	7.1	4.8	6.5	7.8	-0.008	0.000	0.000	0.000
07:00:00	44.8	30.2	46.7	22.5	7.0	4.8	6.4	8.0	-0.006	0.000	0.000	0.000
07:15:00	48.8	31.6	34.6	22.3	7.5	4.7	6.1	7.1	-0.007	0.000	0.002	0.000
07:30:00	44.0	33.4	41.8	22.6	7.3	4.8	6.2	7.2	-0.008	0.000	0.004	0.000
07:45:00	40.6	32.2	40.8	22.5	7.5	4.9	6.2	7.0	-0.010	0.000	0.000	0.000
08:00:00	24.8	32.6	32.9	21.9	6.0	5.0	6.4	6.7	-0.013	0.000	0.000	0.000
08:15:00	20.7	26.8	29.1	16.4	5.4	5.1	5.4	6.3	-0.015	0.000	0.000	0.000
08:30:00	16.4	18.8	17.7	13.3	4.6	4.4	4.6	4.8	-0.017	0.000	0.000	0.000
08:45:00	14.8	14.4	13.9	11.8	4.2	3.7	4.1	4.3	-0.016	0.000	0.000	0.000
09:00:00	14.4	12.5	13.1	12.0	4.5	3.5	4.1	4.1	-0.019	0.000	0.000	0.000
09:15:00	12.2	9.9	11.8	10.8	3.8	3.0	3.8	3.9	-0.015	0.000	0.000	0.000
09:30:00	9.3	8.0	9.7	8.7	3.2	2.6	3.3	3.3	-0.014	0.000	0.000	0.000
09:45:00	8.6	7.6	8.3	7.9	3.0	2.7	3.1	3.0	-0.016	0.000	0.000	0.000
10:00:00	8.0	6.8	7.8	7.4	3.0	2.6	3.1	3.0	-0.013	0.000	0.000	0.000
10:15:00	6.9	5.7	6.7	6.8	2.8	2.3	2.9	2.8	-0.003	0.000	0.000	0.000
10:30:00	5.0	4.9	5.1	5.0	2.1	2.0	2.2	2.2	0.011	0.000	0.000	0.003
10:45:00	4.6	4.0	4.5	4.4	2.0	1.7	2.1	1.9	0.023	0.001	0.001	0.015
11:00:00	3.3	3.1	3.7	3.5	1.5	1.4	1.7	1.7	0.039	0.001	0.005	0.023
11:15:00	2.9	2.7	2.9	3.1	1.4	1.3	1.6	1.4	0.058	0.007	0.009	0.033
11:30:00	2.8	2.6	2.8	2.8	1.4	1.3	1.5	1.4	0.060	0.012	0.010	0.034
11:45:00	3.1	2.7	3.2	3.3	1.6	1.3	1.7	1.5	0.061	0.018	0.008	0.037



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12:00:00	3.1	2.6	4.0	3.9	1.5	1.3	1.9	1.7	0.063	0.034	0.007	0.036
12:15:00	2.9	2.6	4.6	3.5	1.4	1.2	1.6	1.7	0.062	0.045	0.009	0.036
12:30:00	3.1	2.8	4.1	3.3	1.5	1.4	1.6	1.6	0.072	0.072	0.011	0.037
12:45:00	3.3	2.8	4.4	3.8	1.7	1.5	1.8	1.8	0.079	0.083	0.010	0.044
13:00:00	3.3	2.9	3.8	3.3	1.7	1.5	1.8	1.7	0.078	0.085	0.010	0.042
13:15:00	3.4	3.0	3.4	3.4	1.7	1.6	1.8	1.7	0.077	0.082	0.011	0.035
13:30:00	3.1	2.8	3.8	3.4	1.6	1.5	1.7	1.7	0.072	0.079	0.010	0.037
13:45:00	3.3	3.0	4.4	3.3	1.7	1.5	1.7	1.7	0.077	0.076	0.010	0.041
14:00:00	4.0	3.7	4.9	3.8	2.0	1.9	2.0	1.9	0.072	0.066	0.008	0.040
14:15:00	4.4	4.0	4.1	4.6	2.2	2.1	2.3	2.0	0.069	0.061	0.007	0.035
14:30:00	4.9	4.3	6.0	5.2	2.6	2.2	2.6	2.5	0.063	0.058	0.007	0.034
14:45:00	4.7	4.3	5.5	4.9	2.5	2.3	2.6	2.5	0.058	0.053	0.007	0.031
15:00:00	5.1	4.5	6.8	5.1	2.5	2.3	2.7	2.6	0.053	0.047	0.006	0.030
15:15:00	6.1	5.5	5.7	5.8	2.8	2.8	2.9	2.7	0.051	0.041	0.004	0.026
15:30:00	7.0	5.9	9.3	6.9	3.3	2.9	3.4	3.4	0.051	0.040	0.004	0.020
15:45:00	7.5	7.0	7.6	7.8	3.5	3.5	3.7	3.5	0.049	0.036	0.005	0.018
16:00:00	7.9	7.2	7.3	7.9	3.6	3.4	3.7	3.5	0.043	0.030	0.001	0.015
16:15:00	7.2	7.0	6.7	7.5	3.4	3.4	3.7	3.3	0.036	0.026	0.002	0.012
16:30:00	7.7	7.0	6.5	12.6	3.6	3.4	4.6	3.2	0.034	0.023	0.001	0.010
16:45:00	7.6	7.3	6.7	7.5	3.6	3.5	3.7	3.3	0.027	0.021	0.001	0.009
17:00:00	7.7	6.9	7.0	8.6	3.7	3.4	3.9	3.4	0.023	0.017	0.000	0.010
17:15:00	8.1	7.9	7.5	9.3	3.9	3.7	4.1	3.6	0.020	0.016	0.000	0.009
17:30:00	8.1	8.2	7.6	7.6	3.8	3.9	3.8	3.5	0.021	0.015	0.000	0.007
17:45:00	7.6	8.4	7.5	7.0	3.7	3.8	3.6	3.6	0.025	0.010	0.000	0.004
18:00:00	7.3	8.6	7.2	6.9	3.5	3.9	3.5	3.4	0.024	0.010	0.000	0.006
18:15:00	7.4	7.4	7.0	6.8	3.5	3.6	3.5	3.3	0.023	0.011	0.000	0.008
18:30:00	7.2	8.8	7.6	6.9	3.4	3.4	3.4	3.3	0.025	0.016	0.000	0.007
18:45:00	7.7	8.8	8.0	6.8	3.6	3.4	3.4	3.4	0.018	0.019	0.000	0.005
19:00:00	7.3	9.6	10.4	7.2	3.5	3.3	3.4	3.7	0.013	0.014	0.000	0.004
19:15:00	7.9	12.6	8.5	7.4	3.4	3.3	3.3	3.3	0.012	0.001	0.000	0.004
19:30:00	8.6	12.3	10.0	7.0	3.6	3.4	3.2	3.4	0.007	0.000	0.000	0.001
19:45:00	13.2	12.2	12.1	8.7	3.7	3.3	3.4	3.8	0.001	0.000	0.000	0.000
20:00:00	10.0	13.5	16.8	8.7	3.5	3.3	3.4	4.1	-0.007	0.000	0.000	0.000
20:15:00	9.6	13.2	12.2	11.3	3.5	3.1	3.8	3.6	-0.006	0.000	0.000	0.000
20:30:00	10.3	14.9	15.8	10.5	3.6	3.3	3.6	3.8	-0.009	0.000	0.001	0.000
20:45:00	12.8	15.4	19.7	10.1	3.8	3.4	3.5	4.1	-0.014	0.000	0.012	0.000
21:00:00	13.4	13.9	21.3	11.7	3.9	3.3	4.1	4.5	-0.018	0.000	0.007	0.000
21:15:00	14.0	12.8	17.5	11.6	3.9	3.2	3.8	4.1	-0.020	0.000	0.000	0.000
21:30:00	13.7	16.8	13.7	12.3	4.0	3.3	3.9	4.1	-0.024	0.000	0.000	0.000
21:45:00	16.7	16.0	17.6	11.6	4.1	3.3	3.6	3.8	-0.028	0.000	0.005	0.000
22:00:00	16.8	17.2	15.4	11.3	3.8	3.3	3.7	3.7	-0.028	0.000	0.007	0.000
22:15:00	13.3	14.8	19.1	11.7	3.5	3.2	3.5	3.9	-0.031	0.000	0.001	0.000
22:30:00	14.9	16.5	22.1	10.9	3.5	3.3	3.4	4.1	-0.029	0.000	0.009	0.000
22:45:00	14.3	14.7	17.9	13.3	3.2	3.2	3.6	3.6	-0.027	0.000	0.000	0.000
23:00:00	13.6	17.7	19.3	13.6	3.3	3.4	3.7	3.8	-0.026	0.000	0.000	0.000
23:15:00	14.8	17.7	23.6	13.3	3.4	3.1	3.6	4.2	-0.027	0.000	0.006	0.000
23:30:00	13.2	20.0	22.7	12.8	3.3	3.3	3.5	4.1	-0.026	0.000	0.012	0.000
23:45:00	16.9	21.1	20.2	12.9	3.3	3.2	3.4	3.8	-0.028	0.000	0.000	0.000



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