



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-19

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1790 Max : 69.84	2943 ENE	3277 SSW	2996 WSW	2997 WNW	Min : 48.92 Max : 85.64	Min : 29.60 Max : 91.40	Min : 29.84 Max : 30.20

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m ³		PM2.5 : 35 µg/m ³		H2S : 10 PPM	
AQ-SN	Avg. PM10 Daily (µg/m ³)	Max. PM10-15-min Avg (µg/m ³)	Avg. PM2.5 Daily (µg/m ³)	Max. PM2.5-15-min Avg (µg/m ³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2943	14.1	54.9	5.9	11.2	-0.024	0.070
2996	11.7	22.8	5.6	9.6	0.000	0.004
2997	11.6	19.5	5.5	9.2	0.004	0.042
3277	10.1	19.2	5.7	15.1	0.006	0.055

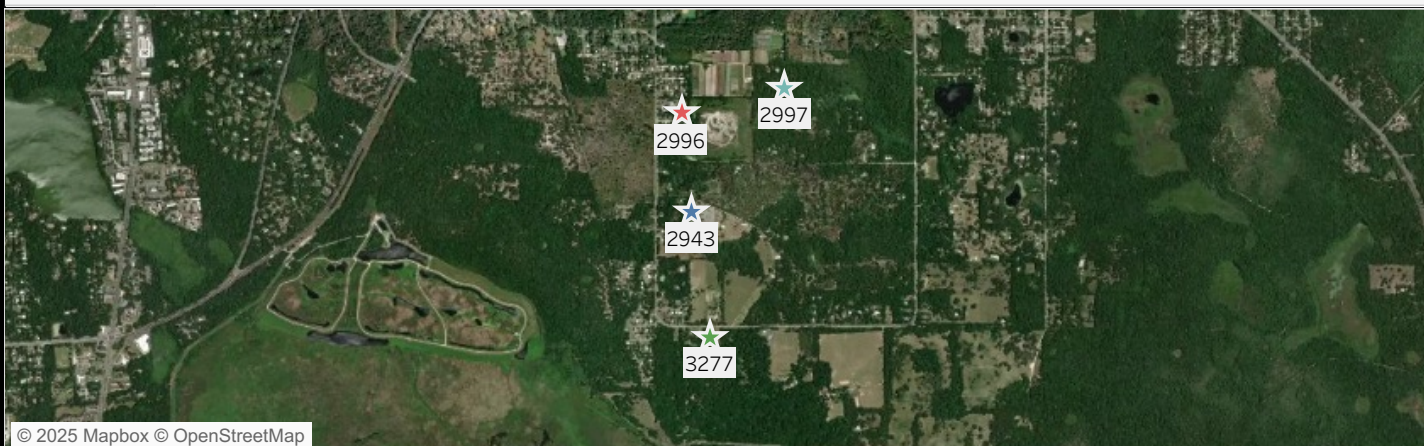


Figure 1 : Monitoring Locations

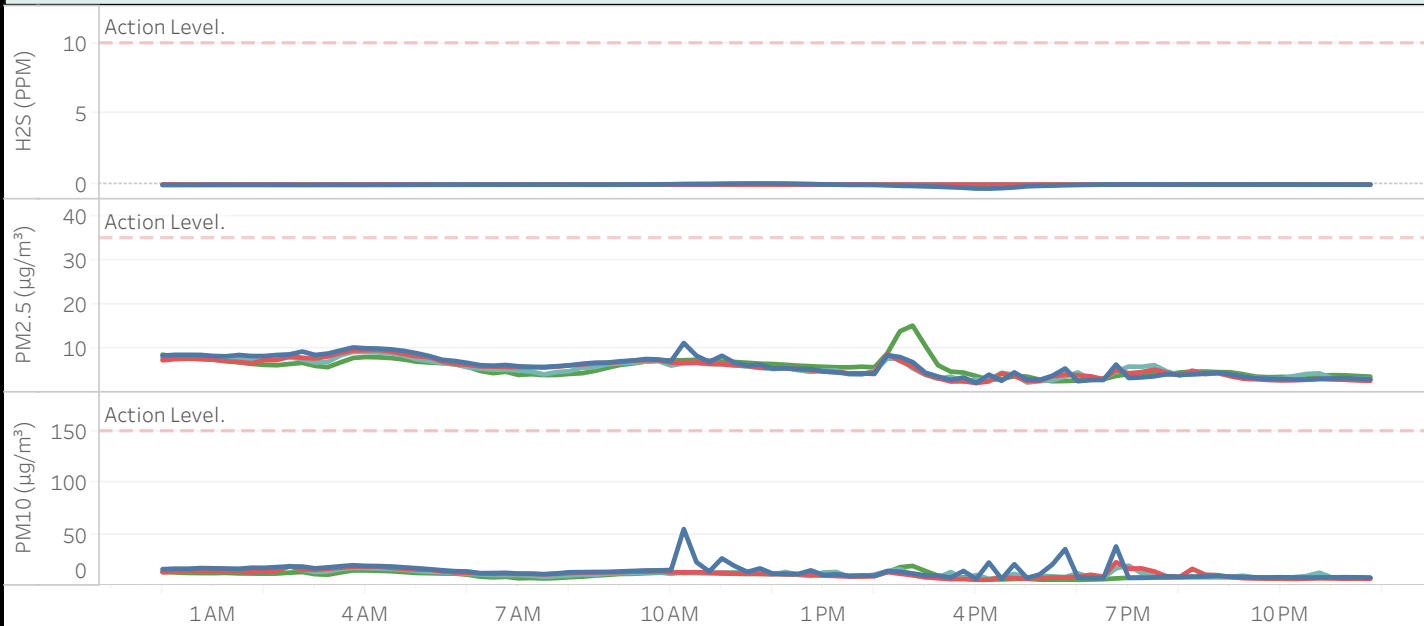


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



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Wind Rose Chart 2943

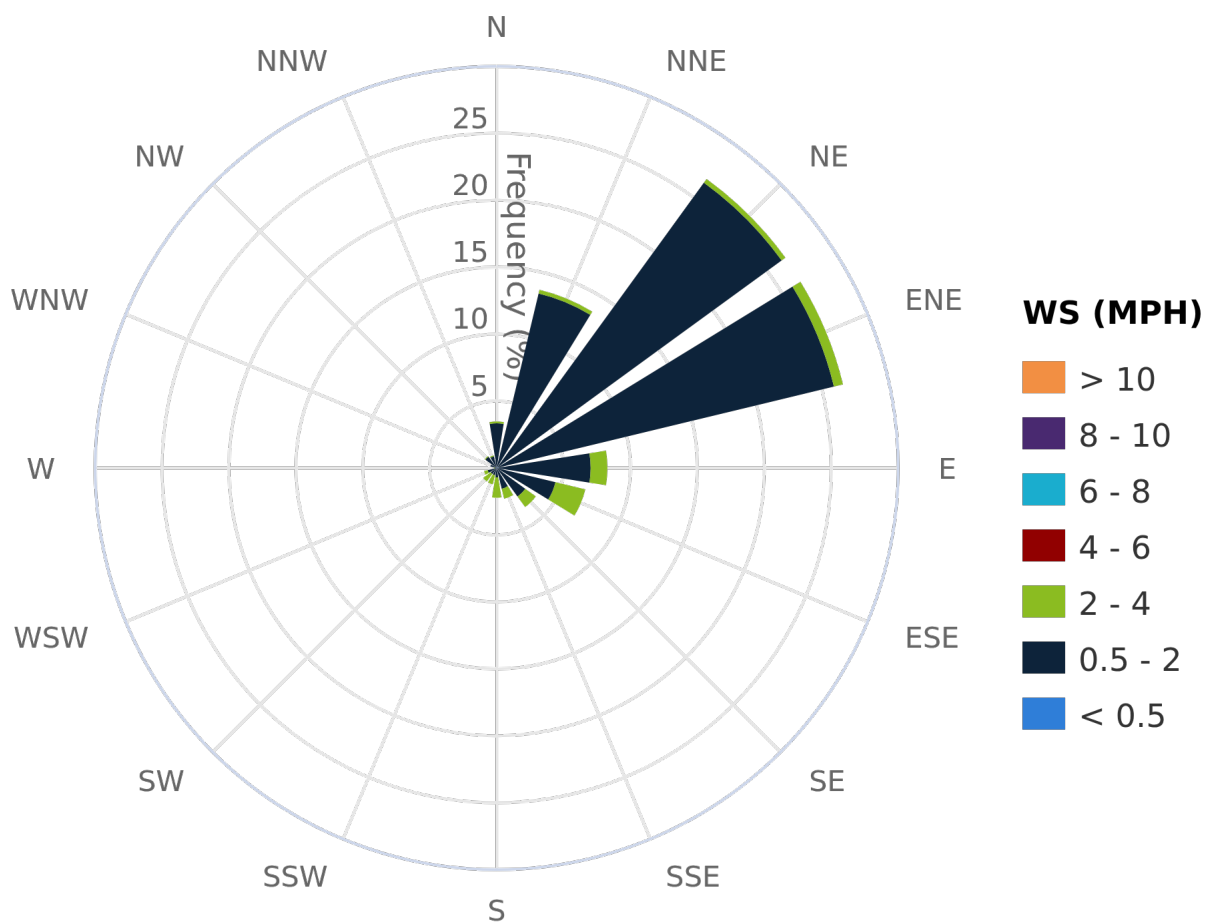


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

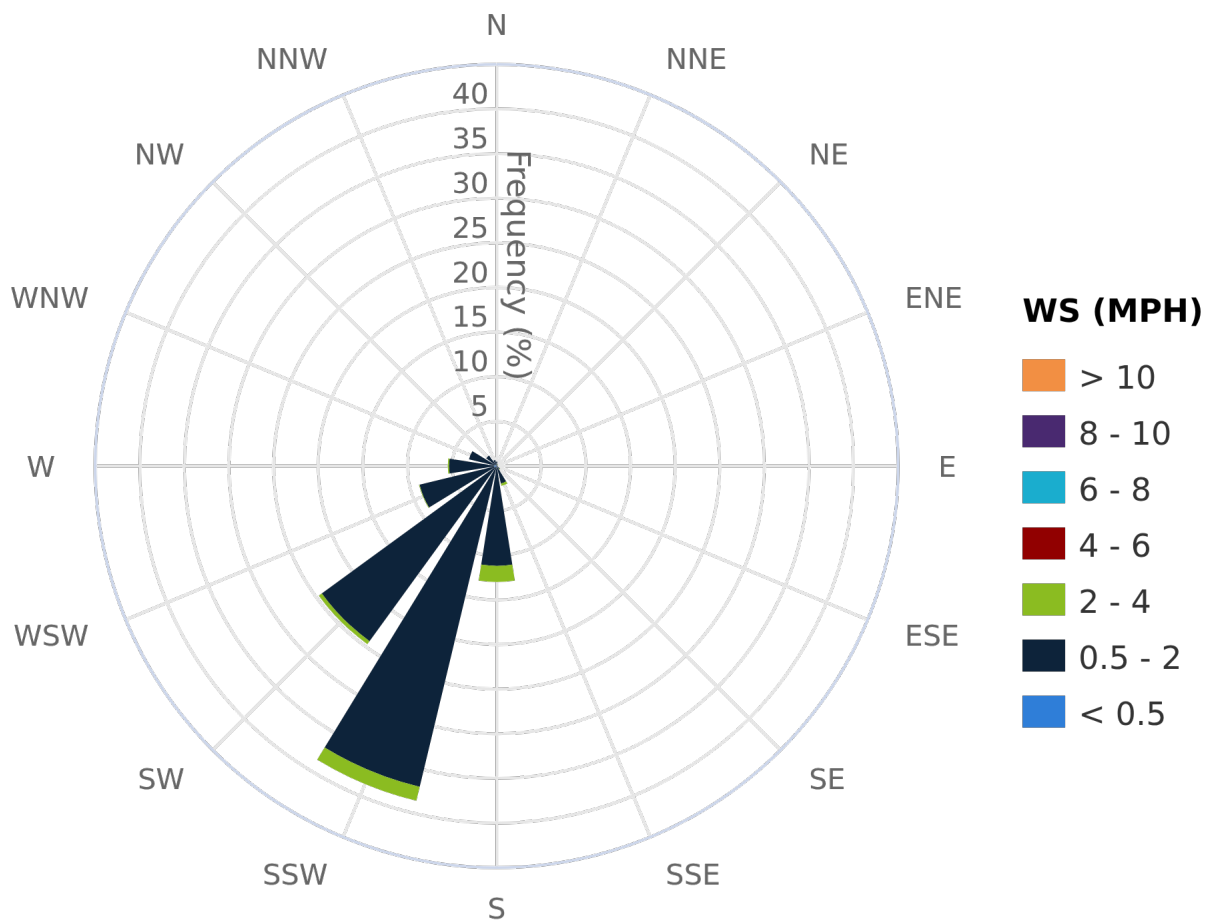


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

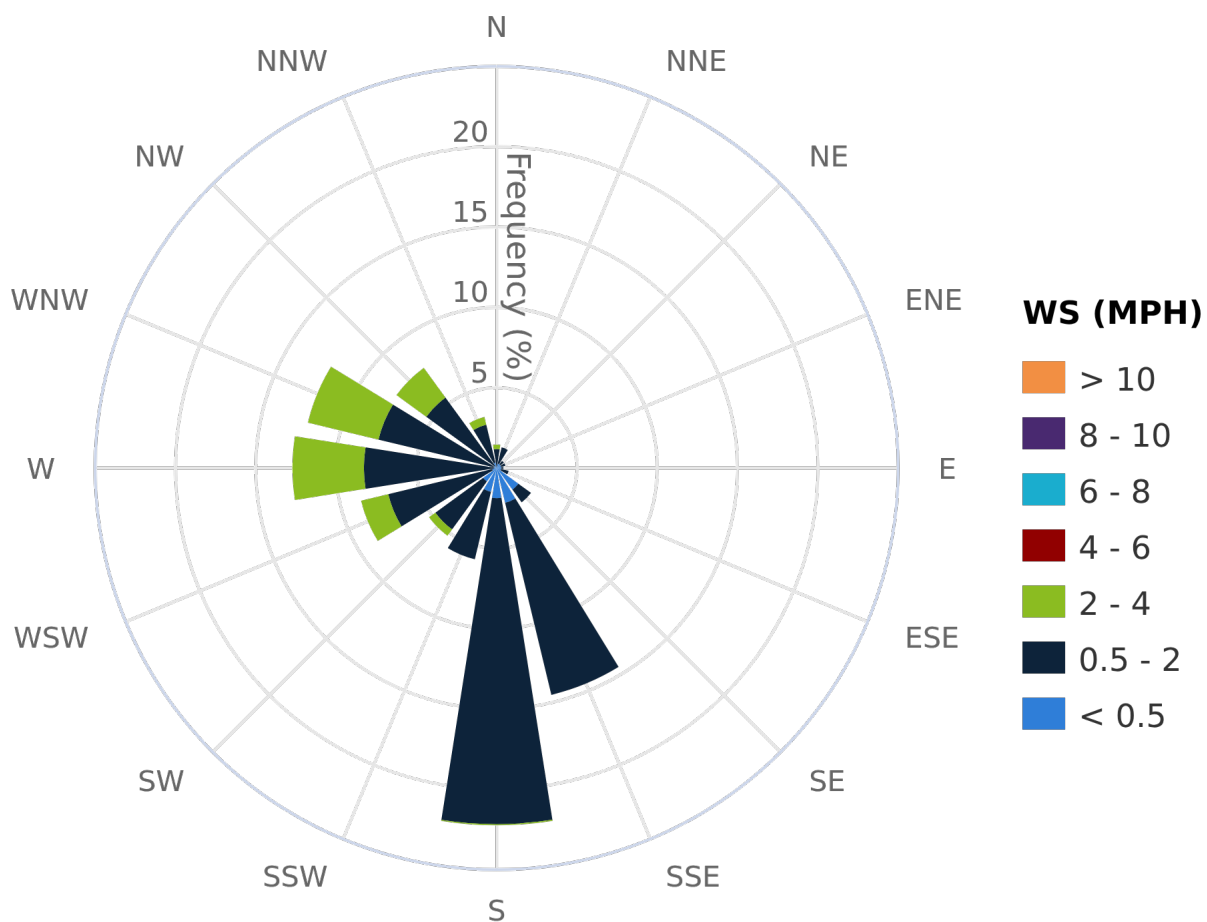


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

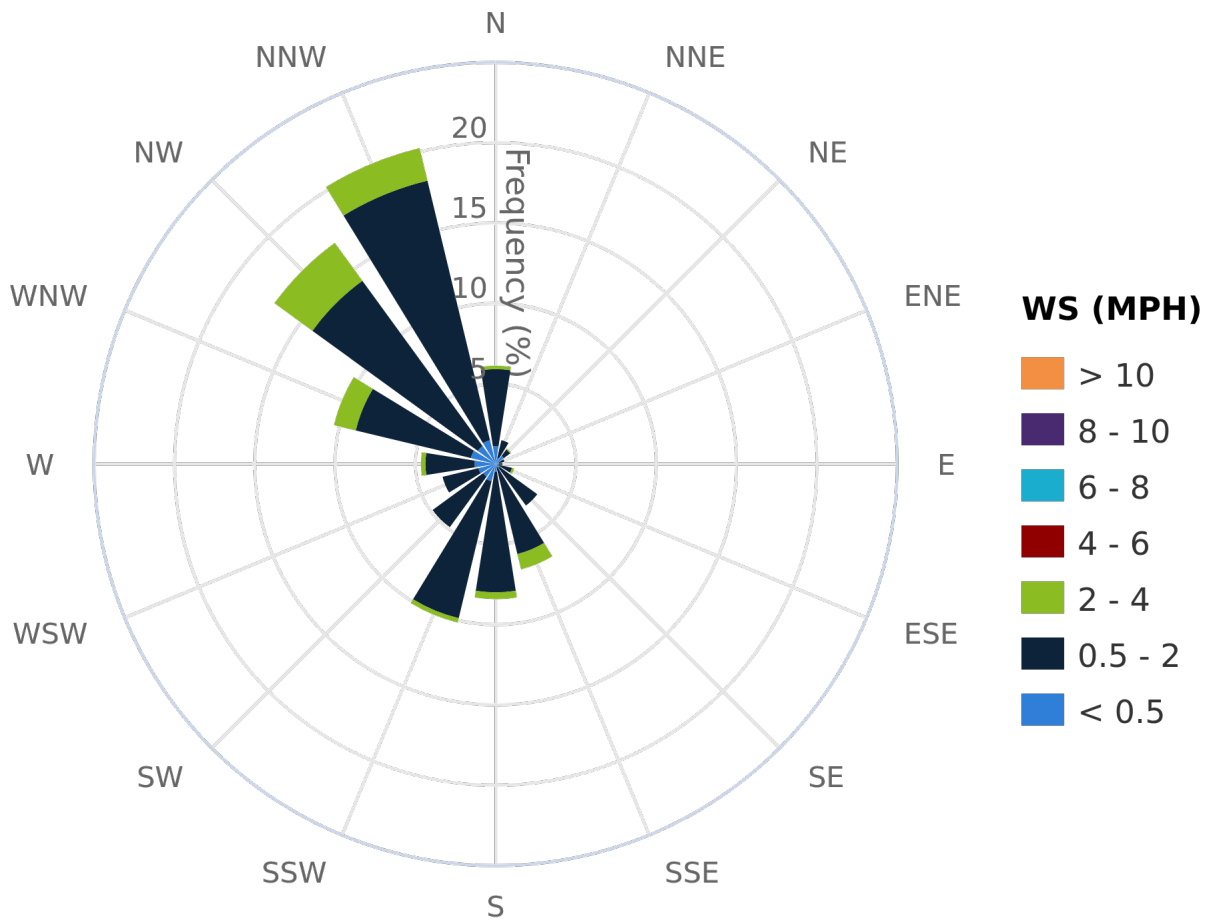


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3277 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3277 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	16.1	13.5	13.7	13.1	8.4	8.6	7.3	7.8	-0.031	0.000	0.000	0.000
00:15:00	16.6	12.9	14.1	13.8	8.5	8.1	7.6	7.9	-0.031	0.000	0.000	0.000
00:30:00	16.5	12.4	14.3	14.4	8.5	7.8	7.7	7.9	-0.030	0.000	0.000	0.000
00:45:00	17.1	12.3	15.0	14.7	8.5	7.6	7.6	8.0	-0.030	0.000	0.000	0.000
01:00:00	16.9	12.3	15.0	14.5	8.3	7.5	7.4	7.9	-0.028	0.000	0.000	0.000
01:15:00	16.7	12.5	14.7	14.1	8.2	7.3	7.1	7.9	-0.028	0.000	0.000	0.000
01:30:00	16.5	12.0	14.3	13.6	8.5	6.8	6.9	7.6	-0.026	0.000	0.000	0.000
01:45:00	17.5	11.9	14.8	12.9	8.3	6.5	6.6	7.7	-0.027	0.000	0.000	0.000
02:00:00	17.4	11.7	14.6	14.4	8.3	6.3	7.3	7.6	-0.027	0.000	0.000	0.000
02:15:00	18.1	11.9	15.2	14.6	8.5	6.2	7.4	7.6	-0.028	0.000	0.000	0.000
02:30:00	18.8	12.7	19.1	18.7	8.6	6.5	8.2	7.9	-0.030	0.000	0.000	0.000
02:45:00	18.6	13.3	15.5	15.8	9.3	6.7	7.9	7.5	-0.031	0.000	0.000	0.000
03:00:00	16.9	11.2	13.4	15.5	8.5	6.0	7.7	6.8	-0.030	0.000	0.000	0.000
03:15:00	17.8	10.7	13.8	16.5	8.8	5.8	8.2	6.9	-0.027	0.000	0.000	0.000
03:30:00	18.9	12.9	16.1	17.5	9.5	6.8	9.0	8.4	-0.028	0.000	0.000	0.000
03:45:00	19.9	14.9	17.2	18.5	10.2	7.8	9.6	9.2	-0.027	0.000	0.000	0.000
04:00:00	19.2	14.8	17.2	18.6	10.0	8.0	9.6	9.2	-0.025	0.000	0.000	0.000
04:15:00	19.1	14.5	16.8	18.5	10.0	8.0	9.6	9.1	-0.023	0.000	0.000	0.000
04:30:00	18.6	14.1	16.4	17.4	9.8	7.8	9.3	8.8	-0.021	0.000	0.000	0.000
04:45:00	17.8	13.2	15.6	16.5	9.4	7.5	8.7	8.4	-0.018	0.000	0.000	0.000
05:00:00	17.0	12.4	14.3	15.7	8.9	7.0	8.2	7.5	-0.014	0.000	0.000	0.000
05:15:00	16.1	12.2	13.5	15.5	8.3	6.8	8.0	7.1	-0.013	0.000	0.000	0.000
05:30:00	15.0	11.9	13.0	14.0	7.4	6.7	7.0	6.7	-0.011	0.000	0.000	0.000
05:45:00	14.1	11.8	12.4	12.8	7.1	6.4	6.5	6.4	-0.011	0.000	0.000	0.000
06:00:00	13.8	10.7	11.5	12.6	6.7	5.8	6.3	5.7	-0.009	0.000	0.000	0.000
06:15:00	12.2	8.8	11.0	12.0	6.2	4.9	5.9	5.4	-0.006	0.000	0.000	0.000
06:30:00	12.3	8.2	10.4	11.6	6.1	4.4	5.9	5.2	-0.005	0.001	0.000	0.000
06:45:00	12.5	8.7	10.3	11.6	6.2	4.7	5.8	5.2	-0.008	0.000	0.000	0.000
07:00:00	11.8	7.2	10.2	11.5	5.9	4.0	5.8	5.0	-0.005	0.001	0.000	0.000
07:15:00	11.7	7.6	9.7	11.6	5.8	4.2	5.8	4.8	-0.002	0.000	0.000	0.000
07:30:00	11.2	7.1	8.6	11.1	5.8	4.0	5.7	4.1	-0.004	0.003	0.000	0.000
07:45:00	12.0	7.5	9.3	11.5	6.0	4.0	5.9	4.7	-0.004	0.002	0.000	0.000
08:00:00	13.1	8.3	9.9	12.3	6.2	4.2	6.1	4.8	-0.004	0.000	0.000	0.000
08:15:00	13.2	8.8	10.9	12.7	6.5	4.4	6.4	5.6	-0.006	0.000	0.000	0.000
08:30:00	13.4	9.8	10.6	12.9	6.8	4.9	6.6	5.7	-0.007	0.000	0.000	0.000
08:45:00	13.4	10.6	11.7	13.1	6.8	5.6	6.7	6.4	-0.007	0.000	0.000	0.000
09:00:00	13.9	11.5	12.2	13.2	7.1	6.3	6.9	6.6	-0.003	0.000	0.000	0.000
09:15:00	14.3	11.6	12.2	13.8	7.3	6.6	7.3	6.8	0.005	0.000	0.000	0.000
09:30:00	14.8	12.2	12.9	13.7	7.6	7.1	7.3	7.0	0.007	0.004	0.000	0.000
09:45:00	14.9	12.6	13.1	14.1	7.5	7.2	7.3	7.1	0.018	0.011	0.000	0.004
10:00:00	15.2	12.6	11.6	13.2	7.1	7.3	6.8	6.1	0.025	0.015	0.000	0.008
10:15:00	54.9	12.4	13.2	12.9	11.2	7.3	6.7	6.7	0.039	0.023	0.000	0.016
10:30:00	22.8	12.4	12.6	13.2	8.3	7.4	6.8	6.7	0.039	0.035	0.000	0.019
10:45:00	13.8	12.3	12.3	12.7	7.0	7.2	6.5	6.4	0.038	0.036	0.000	0.027
11:00:00	26.5	11.8	12.7	12.6	8.3	7.0	6.4	6.4	0.052	0.041	0.003	0.036
11:15:00	19.1	11.7	13.0	12.0	6.8	6.9	6.2	6.2	0.062	0.046	0.004	0.040
11:30:00	13.4	11.4	12.7	12.1	6.1	6.7	6.0	5.9	0.070	0.054	0.004	0.042
11:45:00	16.8	11.5	11.9	11.5	6.3	6.5	5.7	5.6	0.070	0.052	0.004	0.042



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12:00:00	11.8	11.7	11.0	11.4	5.5	6.5	5.6	5.3	0.068	0.055	0.004	0.040
12:15:00	11.6	11.1	13.4	11.1	5.5	6.3	5.5	5.5	0.060	0.054	0.003	0.027
12:30:00	11.5	10.7	10.7	11.2	5.3	6.1	5.3	5.1	0.049	0.039	0.001	0.015
12:45:00	14.9	10.5	9.6	10.4	5.3	6.0	5.0	4.7	0.031	0.029	0.000	0.001
13:00:00	10.3	10.1	12.9	9.9	4.8	5.8	4.8	5.0	0.015	0.010	0.000	0.000
13:15:00	11.1	9.8	13.3	9.4	4.6	5.7	4.6	5.0	-0.001	0.007	0.000	0.000
13:30:00	9.5	9.5	8.8	9.1	4.3	5.7	4.4	4.1	-0.022	0.013	0.000	0.000
13:45:00	9.9	9.7	9.0	9.0	4.4	5.9	4.3	4.1	-0.021	0.012	0.000	0.000
14:00:00	9.7	9.7	10.9	9.3	4.2	5.7	4.6	5.0	-0.027	0.020	0.000	0.000
14:15:00	14.3	13.0	14.0	13.4	8.5	8.9	8.7	7.7	-0.052	0.005	0.000	0.000
14:30:00	13.6	18.0	16.3	11.7	8.1	13.9	7.2	7.6	-0.084	0.000	0.000	0.000
14:45:00	11.9	19.2	10.3	10.2	6.9	15.1	5.9	5.5	-0.098	0.000	0.000	0.000
15:00:00	10.1	14.3	8.3	8.3	4.5	10.6	4.1	4.0	-0.124	0.000	0.000	0.000
15:15:00	9.9	9.7	8.1	7.3	3.6	6.2	3.3	3.1	-0.147	0.000	0.000	0.000
15:30:00	7.9	8.2	13.3	6.5	2.9	4.8	2.5	3.6	-0.187	0.000	0.000	0.000
15:45:00	14.3	8.2	6.7	6.5	3.4	4.5	2.6	2.5	-0.221	0.000	0.000	0.000
16:00:00	6.6	7.2	10.5	5.8	2.2	3.7	2.2	3.0	-0.277	0.000	0.000	0.000
16:15:00	22.5	6.1	6.8	5.9	4.1	2.9	2.5	2.9	-0.282	0.000	0.000	0.000
16:30:00	6.7	6.2	8.0	8.0	2.7	3.1	4.4	4.5	-0.251	0.000	0.000	0.000
16:45:00	20.8	6.6	11.5	7.3	4.6	3.7	3.7	4.0	-0.199	0.000	0.000	0.000
17:00:00	7.4	6.8	7.9	7.0	2.9	3.6	2.6	2.3	-0.120	0.000	0.000	0.000
17:15:00	11.0	6.0	9.7	7.4	2.9	2.9	2.7	2.6	-0.090	0.000	0.000	0.000
17:30:00	20.7	5.9	9.1	8.0	3.8	2.6	3.7	2.8	-0.070	0.000	0.000	0.000
17:45:00	35.5	6.0	8.4	8.0	5.5	2.6	4.1	3.6	-0.045	0.000	0.000	0.000
18:00:00	7.9	5.8	12.1	8.7	2.6	2.7	3.9	4.6	-0.028	0.000	0.000	0.000
18:15:00	7.5	6.0	8.0	10.7	2.9	2.9	3.7	2.9	-0.014	0.000	0.000	0.000
18:30:00	7.2	6.3	7.5	8.8	2.9	3.0	3.0	3.2	-0.002	0.000	0.000	0.000
18:45:00	38.1	7.1	16.8	22.8	6.4	3.8	5.1	4.8	0.007	0.000	0.000	0.000
19:00:00	7.6	7.7	19.5	16.5	3.3	4.2	4.4	5.9	0.007	0.000	0.000	0.002
19:15:00	7.7	8.1	12.2	16.8	3.4	4.4	4.6	5.8	0.008	0.000	0.000	0.002
19:30:00	8.1	8.1	11.2	13.9	3.7	4.4	5.2	6.2	0.009	0.001	0.000	0.001
19:45:00	9.2	7.9	9.1	9.0	4.2	4.1	4.5	4.8	0.006	0.001	0.000	0.000
20:00:00	8.7	8.2	8.0	8.5	4.0	4.5	3.9	4.0	0.004	0.000	0.000	0.000
20:15:00	8.9	8.6	8.3	16.3	4.1	4.7	5.0	4.2	0.003	0.001	0.000	0.000
20:30:00	9.1	8.5	8.3	10.8	4.3	4.8	4.2	4.2	0.001	0.003	0.000	0.000
20:45:00	9.6	8.4	8.7	10.2	4.5	4.6	4.4	4.3	-0.002	0.000	0.000	0.000
21:00:00	8.9	8.3	8.8	8.5	4.1	4.6	3.7	4.0	-0.002	0.001	0.000	0.000
21:15:00	8.5	8.1	9.7	7.4	3.6	4.2	3.2	3.7	-0.002	0.002	0.000	0.001
21:30:00	8.1	7.6	7.8	7.1	3.2	3.6	3.0	3.3	0.000	0.002	0.000	0.004
21:45:00	8.1	7.4	7.8	7.0	3.2	3.5	2.9	3.2	0.002	0.000	0.000	0.001
22:00:00	8.3	7.3	7.6	6.9	3.1	3.6	2.8	3.2	0.003	0.000	0.000	0.000
22:15:00	8.0	7.4	8.3	6.6	3.0	3.6	2.8	3.8	0.000	0.002	0.000	0.000
22:30:00	8.0	7.6	9.5	7.0	2.9	3.6	2.9	4.2	-0.001	0.001	0.000	0.000
22:45:00	8.0	7.9	12.7	7.3	3.1	3.8	3.1	4.4	-0.004	0.003	0.000	0.001
23:00:00	8.2	8.0	7.9	7.1	3.2	4.0	3.0	3.3	-0.002	0.003	0.000	0.004
23:15:00	8.3	7.7	7.6	6.9	3.3	3.9	2.9	3.2	-0.004	0.001	0.000	0.000
23:30:00	8.1	7.8	7.6	7.0	3.1	3.8	2.8	3.2	-0.004	0.001	0.000	0.001
23:45:00	7.8	7.5	7.6	6.8	3.0	3.6	2.7	3.1	-0.004	0.001	0.000	0.006



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