



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-16

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1000 Max : 22.30	2943 ENE	3277 N	2996 S	2997 N	Min : 36.86 Max : 78.80	Min : 39.90 Max : 86.80	Min : 30.16 Max : 30.46

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	10.0	55.0	4.4	9.6	-0.044	0.004
2996	9.2	47.8	4.1	9.7	0.000	0.000
2997	8.1	13.7	4.3	7.1	0.000	0.004
3277	8.5	13.0	4.7	6.4	0.003	0.020

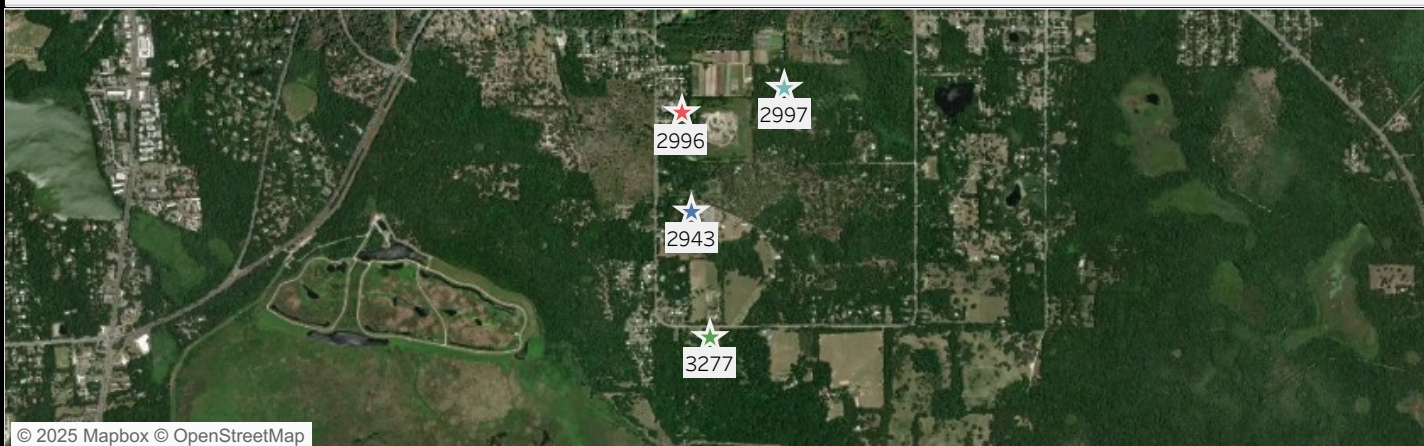


Figure 1 : Monitoring Locations

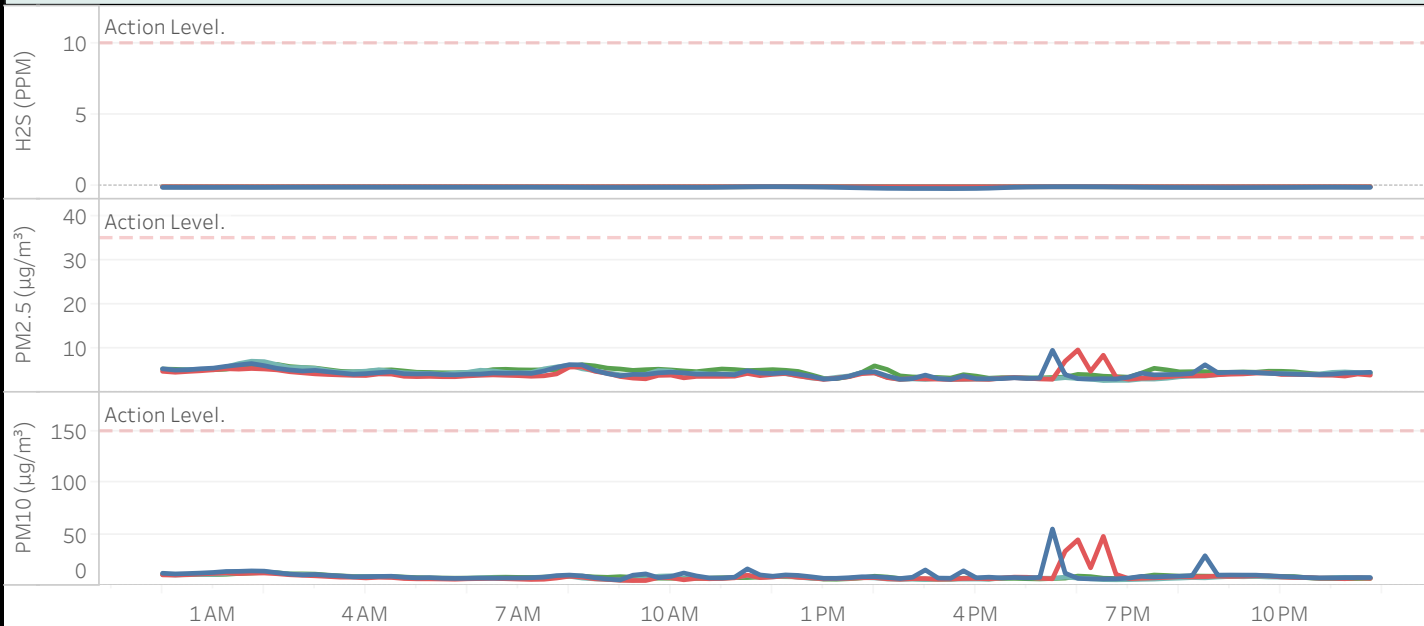


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



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Wind Rose Chart 2943

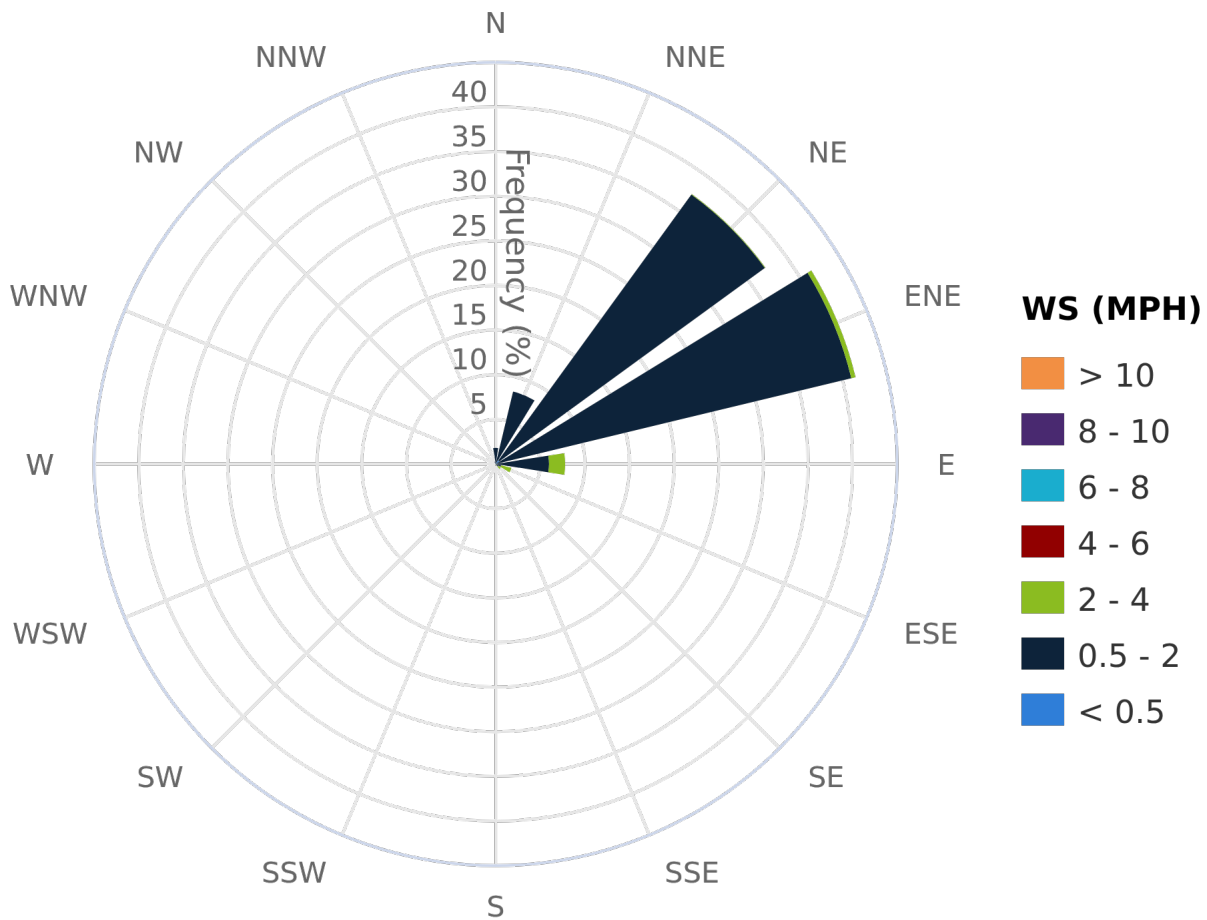


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

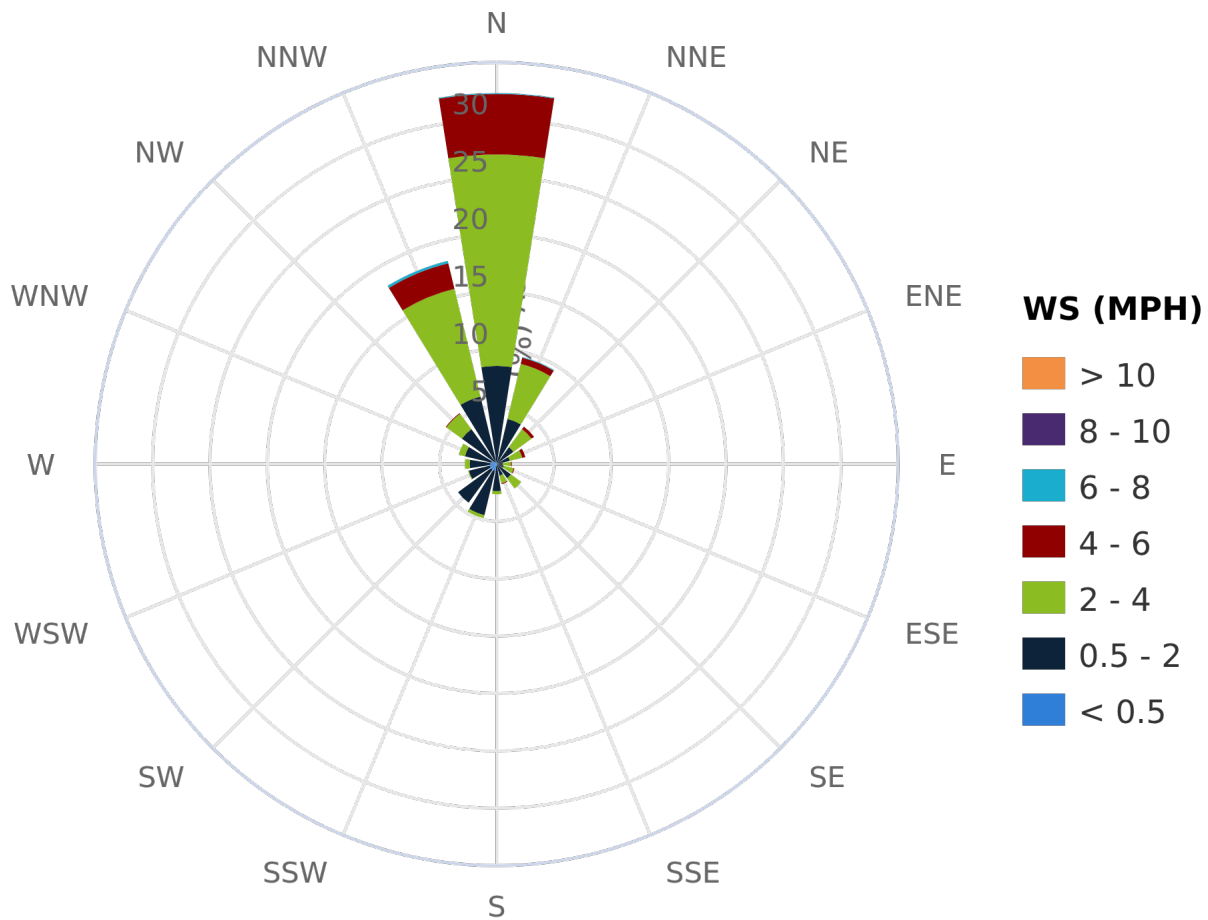


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

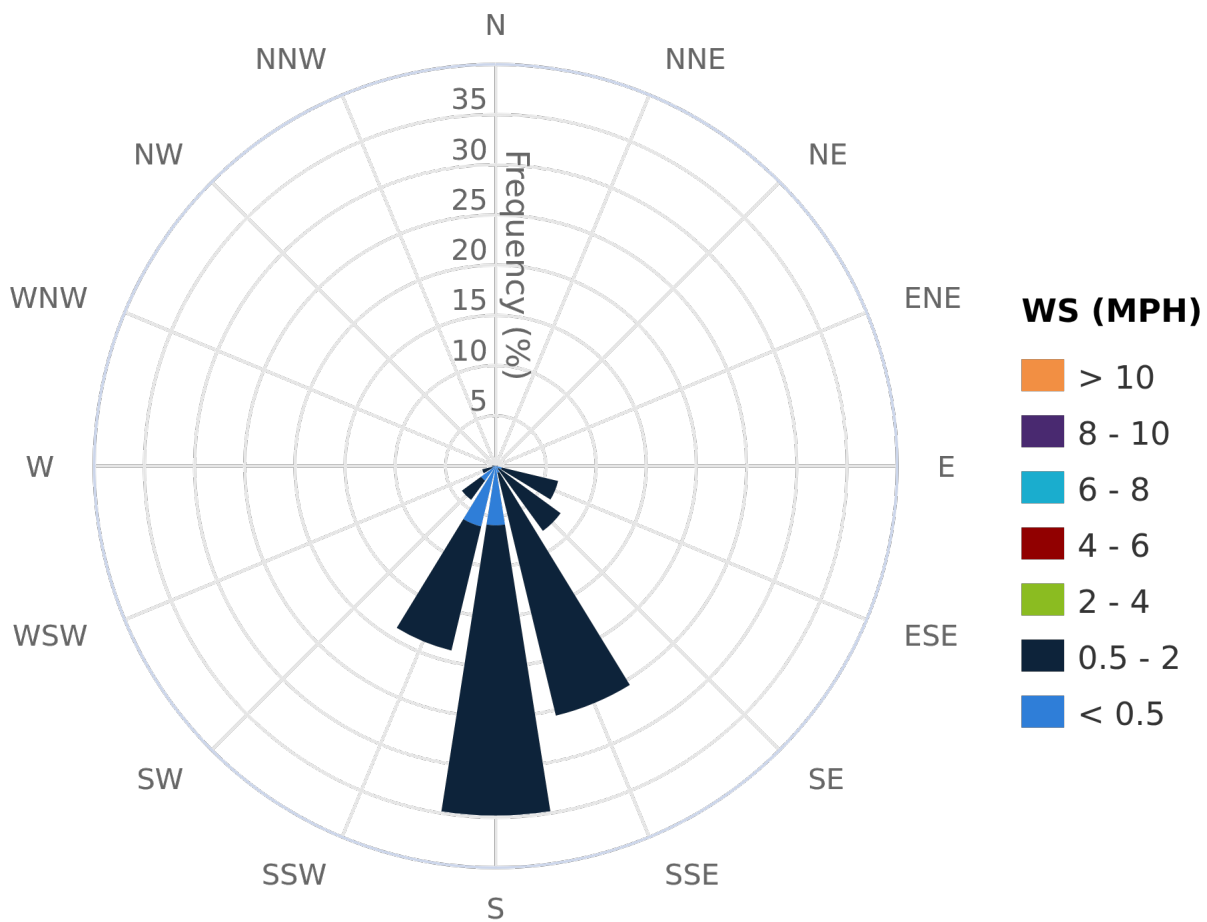


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

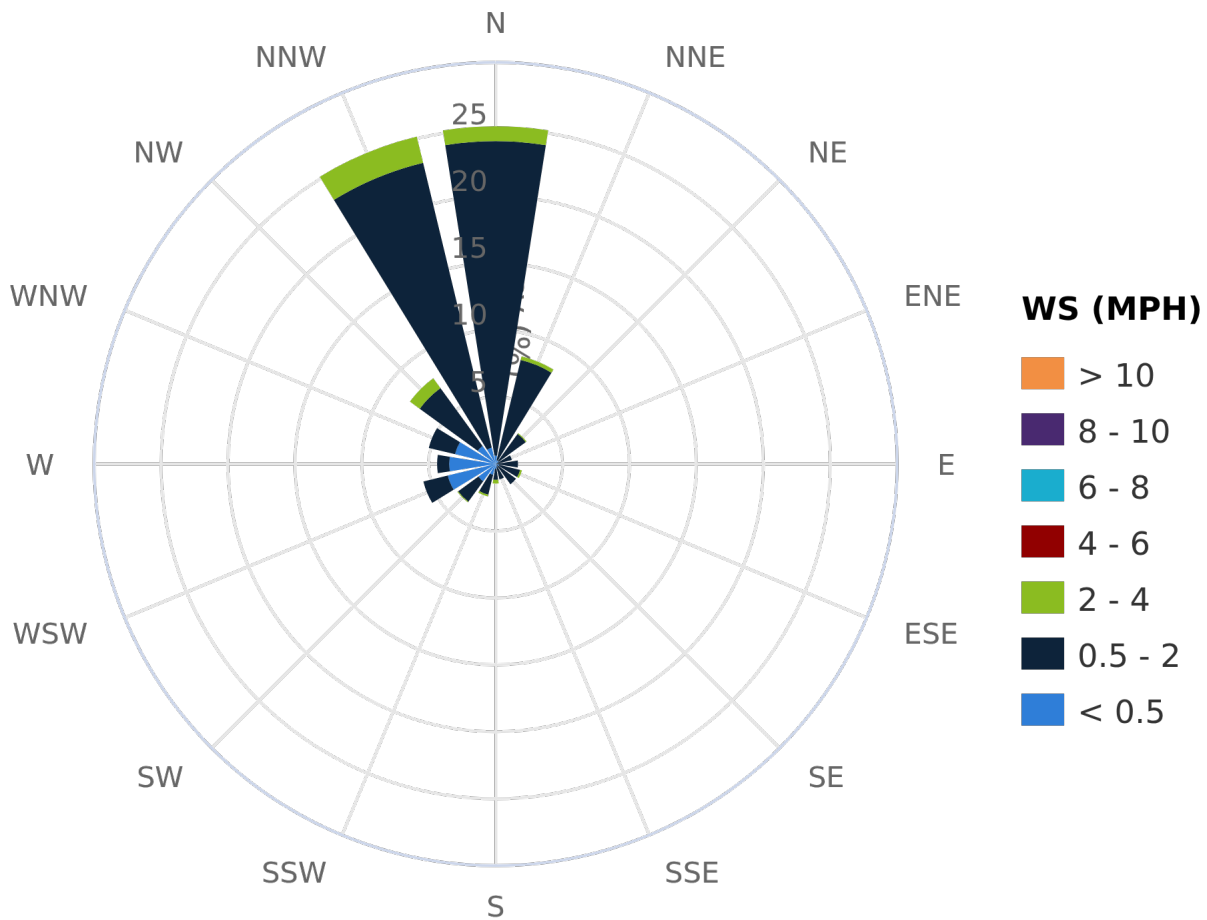


Figure 3 : Wind Rose Chart (WS in MPH)



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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	12.1	11.0	11.0	10.5	5.4	5.3	4.8	5.3	-0.044	0.000	0.000	0.000
00:15:00	11.5	10.7	10.5	10.3	5.1	5.3	4.6	5.0	-0.046	0.000	0.000	0.000
00:30:00	11.9	10.7	11.0	10.8	5.2	5.2	4.8	5.3	-0.047	0.000	0.000	0.000
00:45:00	12.3	11.0	11.0	11.4	5.4	5.3	4.9	5.2	-0.045	0.000	0.000	0.000
01:00:00	12.9	10.9	11.1	12.0	5.5	5.2	5.2	5.3	-0.046	0.000	0.000	0.000
01:15:00	13.9	11.1	11.8	12.4	5.9	5.3	5.4	5.8	-0.044	0.000	0.000	0.000
01:30:00	14.0	11.9	12.7	11.8	6.3	5.7	5.3	6.6	-0.042	0.000	0.000	0.000
01:45:00	14.4	12.3	13.4	12.2	6.6	5.8	5.5	7.1	-0.044	0.000	0.000	0.000
02:00:00	14.2	13.0	13.7	12.4	6.1	6.2	5.3	7.0	-0.043	0.000	0.000	0.000
02:15:00	12.6	12.7	12.3	11.7	5.5	6.4	5.1	6.3	-0.039	0.000	0.000	0.000
02:30:00	11.3	11.4	11.4	10.7	5.1	5.9	4.7	5.7	-0.036	0.000	0.000	0.000
02:45:00	10.6	11.5	11.0	10.1	4.9	5.7	4.5	5.7	-0.034	0.000	0.000	0.000
03:00:00	10.9	11.3	10.5	9.6	5.0	5.6	4.2	5.5	-0.034	0.000	0.000	0.000
03:15:00	10.1	10.3	9.7	9.0	4.7	5.2	4.1	5.0	-0.032	0.000	0.000	0.000
03:30:00	9.6	9.5	9.0	8.3	4.4	4.8	4.0	4.6	-0.032	0.000	0.000	0.000
03:45:00	8.6	9.0	8.7	8.3	4.2	4.7	3.9	4.7	-0.031	0.000	0.000	0.000
04:00:00	8.8	9.0	8.9	7.6	4.3	4.8	3.9	4.9	-0.031	0.000	0.000	0.000
04:15:00	9.0	9.1	8.9	8.3	4.5	5.1	4.2	5.2	-0.033	0.000	0.000	0.000
04:30:00	9.2	9.0	8.5	8.1	4.7	5.2	4.2	4.8	-0.033	0.000	0.000	0.000
04:45:00	8.2	8.4	7.9	7.0	4.3	4.9	3.7	4.5	-0.032	0.000	0.000	0.000
05:00:00	7.7	7.9	7.1	6.7	4.2	4.6	3.6	4.4	-0.033	0.000	0.000	0.000
05:15:00	7.9	7.6	7.3	6.7	4.3	4.6	3.7	4.3	-0.034	0.000	0.000	0.000
05:30:00	7.3	7.4	7.0	6.6	4.1	4.5	3.6	4.2	-0.035	0.000	0.000	0.000
05:45:00	7.2	7.4	7.1	6.4	4.0	4.5	3.6	4.4	-0.034	0.000	0.000	0.000
06:00:00	7.3	7.4	7.2	6.8	4.2	4.6	3.8	4.6	-0.034	0.000	0.000	0.000
06:15:00	7.4	7.6	7.6	7.0	4.2	4.7	3.9	5.1	-0.035	0.000	0.000	0.000
06:30:00	7.3	8.2	7.6	7.2	4.4	5.2	4.0	4.9	-0.037	0.000	0.000	0.000
06:45:00	7.5	8.3	7.2	6.8	4.4	5.3	3.9	4.6	-0.036	0.000	0.000	0.000
07:00:00	7.5	8.1	7.2	6.5	4.4	5.2	3.8	4.5	-0.035	0.000	0.000	0.000
07:15:00	7.8	8.1	7.1	6.1	4.3	5.1	3.7	4.6	-0.034	0.000	0.000	0.000
07:30:00	8.4	8.4	8.3	6.3	4.9	5.2	3.8	5.4	-0.038	0.000	0.000	0.000
07:45:00	9.9	8.4	8.8	7.5	5.7	5.2	4.2	5.8	-0.038	0.000	0.000	0.000
08:00:00	10.4	9.3	9.2	9.3	6.3	5.9	5.8	6.2	-0.042	0.000	0.000	0.000
08:15:00	9.6	9.3	7.4	8.4	6.3	6.3	5.8	5.4	-0.045	0.000	0.000	0.000
08:30:00	7.8	8.5	6.6	6.8	5.0	6.0	4.8	5.0	-0.049	0.000	0.000	0.000
08:45:00	6.5	8.2	6.0	6.2	4.3	5.5	4.4	4.5	-0.049	0.000	0.000	0.000
09:00:00	5.7	8.8	5.6	5.3	3.8	5.3	3.6	4.0	-0.049	0.000	0.000	0.000
09:15:00	10.2	8.2	5.6	5.1	4.1	5.0	3.3	3.8	-0.050	0.000	0.000	0.000
09:30:00	11.5	7.4	6.8	5.1	4.1	5.2	3.1	4.1	-0.048	0.000	0.000	0.000
09:45:00	7.9	7.4	9.3	7.9	4.5	5.3	3.9	5.0	-0.046	0.000	0.000	0.000
10:00:00	9.1	7.3	9.7	7.7	4.6	5.1	4.0	4.9	-0.044	0.000	0.000	0.000
10:15:00	12.3	7.2	6.7	5.8	4.5	4.9	3.3	4.1	-0.045	0.000	0.000	0.000
10:30:00	9.5	7.1	8.3	7.2	4.2	4.7	3.7	4.5	-0.046	0.000	0.000	0.000
10:45:00	7.6	7.4	6.9	6.8	4.2	5.1	3.7	4.2	-0.043	0.000	0.000	0.000
11:00:00	7.6	7.8	7.0	7.1	4.2	5.3	3.7	4.2	-0.033	0.000	0.000	0.000
11:15:00	8.3	7.9	8.1	7.7	4.1	5.2	3.7	4.2	-0.019	0.000	0.000	0.000
11:30:00	16.4	7.9	9.9	10.3	5.0	5.0	4.3	4.6	-0.006	0.001	0.000	0.000
11:45:00	10.5	8.5	8.2	7.9	4.4	5.1	3.8	4.3	0.002	0.007	0.000	0.000



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12:00:00	9.2	8.9	8.7	8.5	4.3	5.2	4.1	4.4	0.004	0.011	0.000	0.004
12:15:00	10.5	8.8	9.3	9.6	4.5	5.0	4.3	4.3	0.001	0.014	0.000	0.003
12:30:00	10.0	8.6	8.3	8.2	4.2	4.8	3.8	3.9	-0.004	0.016	0.000	0.000
12:45:00	8.7	7.6	7.2	7.6	3.7	4.0	3.4	3.3	-0.012	0.015	0.000	0.000
13:00:00	7.2	6.5	6.8	6.7	3.1	3.2	3.0	3.1	-0.023	0.013	0.000	0.000
13:15:00	7.2	6.3	7.0	7.1	3.2	3.2	3.3	3.5	-0.040	0.017	0.000	0.000
13:30:00	7.8	6.8	7.2	7.2	3.7	3.6	3.6	3.8	-0.061	0.020	0.000	0.000
13:45:00	8.7	7.7	8.1	7.7	4.5	4.6	4.3	4.5	-0.079	0.017	0.000	0.000
14:00:00	8.8	9.2	7.6	7.9	4.7	6.1	4.5	4.5	-0.096	0.020	0.000	0.000
14:15:00	8.0	8.5	6.6	6.8	3.8	5.2	3.4	3.5	-0.111	0.018	0.000	0.000
14:30:00	7.0	7.0	6.1	6.4	3.0	3.8	3.0	3.0	-0.116	0.012	0.000	0.000
14:45:00	8.3	6.8	6.5	6.9	3.2	3.5	3.2	3.1	-0.123	0.014	0.000	0.000
15:00:00	15.3	6.5	6.1	7.0	4.0	3.5	3.1	3.0	-0.123	0.011	0.000	0.000
15:15:00	7.4	6.4	6.6	6.3	3.2	3.4	3.0	3.2	-0.125	0.016	0.000	0.000
15:30:00	7.3	6.4	6.4	6.6	3.0	3.3	3.0	3.0	-0.128	0.011	0.000	0.000
15:45:00	14.5	7.3	6.5	7.1	3.8	4.1	3.0	3.0	-0.125	0.012	0.000	0.000
16:00:00	7.8	7.0	6.5	7.1	3.1	3.7	3.1	3.1	-0.118	0.012	0.000	0.000
16:15:00	8.3	6.7	6.4	6.8	3.1	3.3	3.0	3.1	-0.100	0.010	0.000	0.000
16:30:00	7.6	7.1	7.6	7.5	3.2	3.4	3.3	3.3	-0.067	0.006	0.000	0.000
16:45:00	8.0	7.2	7.9	8.4	3.4	3.4	3.4	3.4	-0.038	0.006	0.000	0.001
17:00:00	7.6	6.9	8.1	8.2	3.2	3.3	3.3	3.4	-0.019	0.005	0.000	0.002
17:15:00	8.1	6.6	7.3	7.2	3.3	3.3	3.1	3.2	-0.008	0.002	0.000	0.000
17:30:00	55.0	7.0	7.3	6.8	9.6	3.4	3.0	3.1	-0.001	0.006	0.000	0.000
17:45:00	12.1	7.4	8.4	33.4	4.1	3.5	7.1	3.4	0.001	0.003	0.000	0.000
18:00:00	7.2	9.4	7.5	44.5	3.2	4.1	9.7	3.2	0.002	0.001	0.000	0.000
18:15:00	6.7	8.8	6.8	17.4	3.1	4.0	4.8	3.0	-0.002	0.000	0.000	0.000
18:30:00	6.6	7.3	6.0	47.8	3.2	3.7	8.5	2.7	-0.006	0.000	0.000	0.000
18:45:00	6.7	7.0	5.8	11.1	3.1	3.6	3.5	2.8	-0.018	0.000	0.000	0.000
19:00:00	7.4	7.0	6.0	6.9	3.5	3.5	3.0	2.8	-0.024	0.000	0.000	0.000
19:15:00	9.1	8.7	6.2	7.3	4.4	4.4	3.2	3.1	-0.036	0.000	0.000	0.000
19:30:00	8.5	10.4	6.5	7.7	4.0	5.5	3.3	3.1	-0.043	0.000	0.000	0.000
19:45:00	9.0	10.0	7.1	8.2	4.1	5.1	3.6	3.3	-0.049	0.000	0.000	0.000
20:00:00	9.3	9.3	7.4	8.8	4.1	4.7	3.8	3.6	-0.050	0.000	0.000	0.000
20:15:00	9.9	9.4	7.9	8.6	4.3	4.7	3.8	3.8	-0.053	0.000	0.000	0.000
20:30:00	29.1	9.3	7.7	8.8	6.3	4.7	3.8	3.7	-0.053	0.000	0.000	0.000
20:45:00	10.3	9.2	8.5	9.3	4.5	4.6	4.0	4.1	-0.058	0.000	0.000	0.000
21:00:00	10.4	9.2	9.0	9.1	4.6	4.6	4.2	4.4	-0.060	0.000	0.000	0.000
21:15:00	10.3	9.2	8.7	9.3	4.6	4.7	4.2	4.4	-0.057	0.000	0.000	0.000
21:30:00	10.3	9.2	9.0	9.7	4.5	4.6	4.4	4.5	-0.055	0.000	0.000	0.000
21:45:00	9.7	9.4	8.5	9.5	4.4	4.8	4.5	4.4	-0.051	0.000	0.000	0.000
22:00:00	9.0	9.1	8.3	8.5	4.3	4.8	4.1	4.3	-0.051	0.000	0.000	0.000
22:15:00	8.5	8.9	8.2	8.0	4.2	4.7	4.1	4.3	-0.047	0.000	0.000	0.000
22:30:00	7.9	7.9	7.8	8.0	4.1	4.4	4.1	4.2	-0.041	0.000	0.000	0.000
22:45:00	7.6	7.1	7.4	7.4	4.1	4.1	4.0	4.2	-0.036	0.000	0.000	0.000
23:00:00	7.6	7.1	8.0	7.3	4.2	4.1	3.9	4.6	-0.033	0.000	0.000	0.000
23:15:00	7.8	7.0	8.2	6.8	4.4	4.2	3.7	4.7	-0.036	0.000	0.000	0.000
23:30:00	7.9	7.0	8.0	7.7	4.5	4.4	4.2	4.5	-0.041	0.000	0.000	0.000
23:45:00	8.0	7.2	7.6	7.2	4.6	4.5	4.0	4.2	-0.041	0.000	0.000	0.000



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