



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-01-07

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1340 Max : 38.79	2943 ENE	3277 SSW	2996 WSW	2997 SSW	Min : 58.46 Max : 86.90	Min : 48.80 Max : 91.30	Min : 29.93 Max : 30.17

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	13.9	24.1	6.9	11.2	0.004	0.039
2996	13.4	31.5	6.8	10.4	0.000	0.001
2997	14.1	23.7	7.0	10.6	0.003	0.031
3277	15.6	23.7	9.7	15.4	0.006	0.040

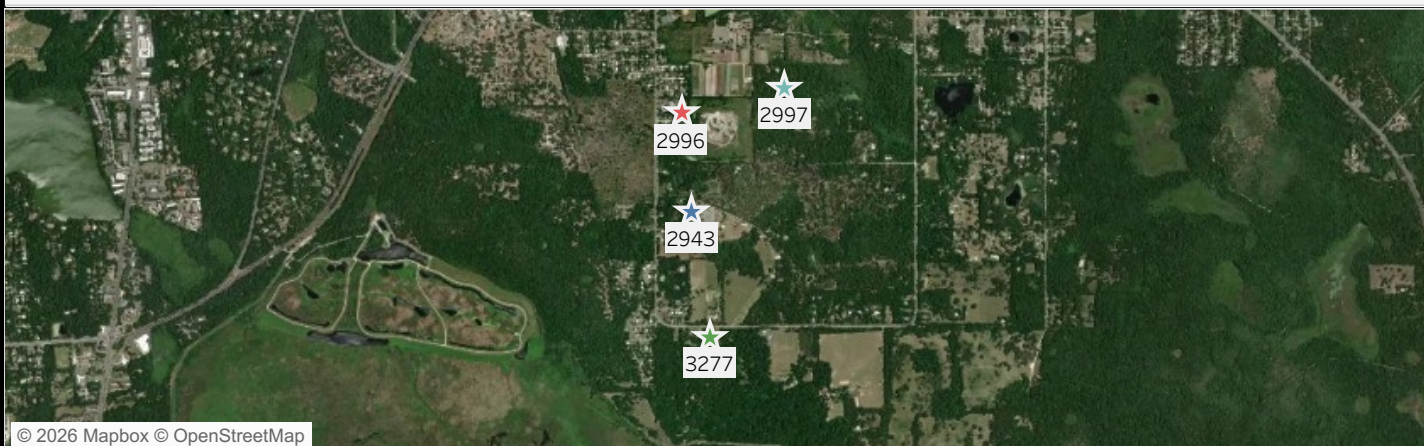


Figure 1 : Monitoring Locations

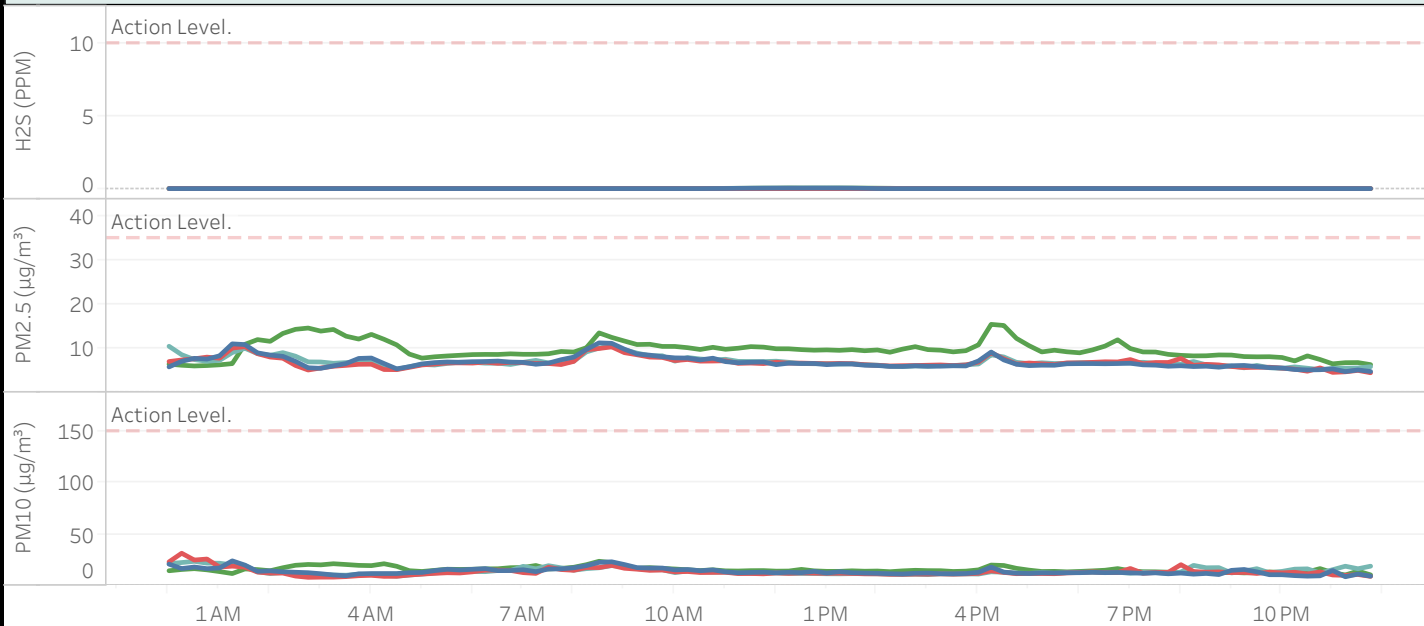


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



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Wind Rose Chart 2943

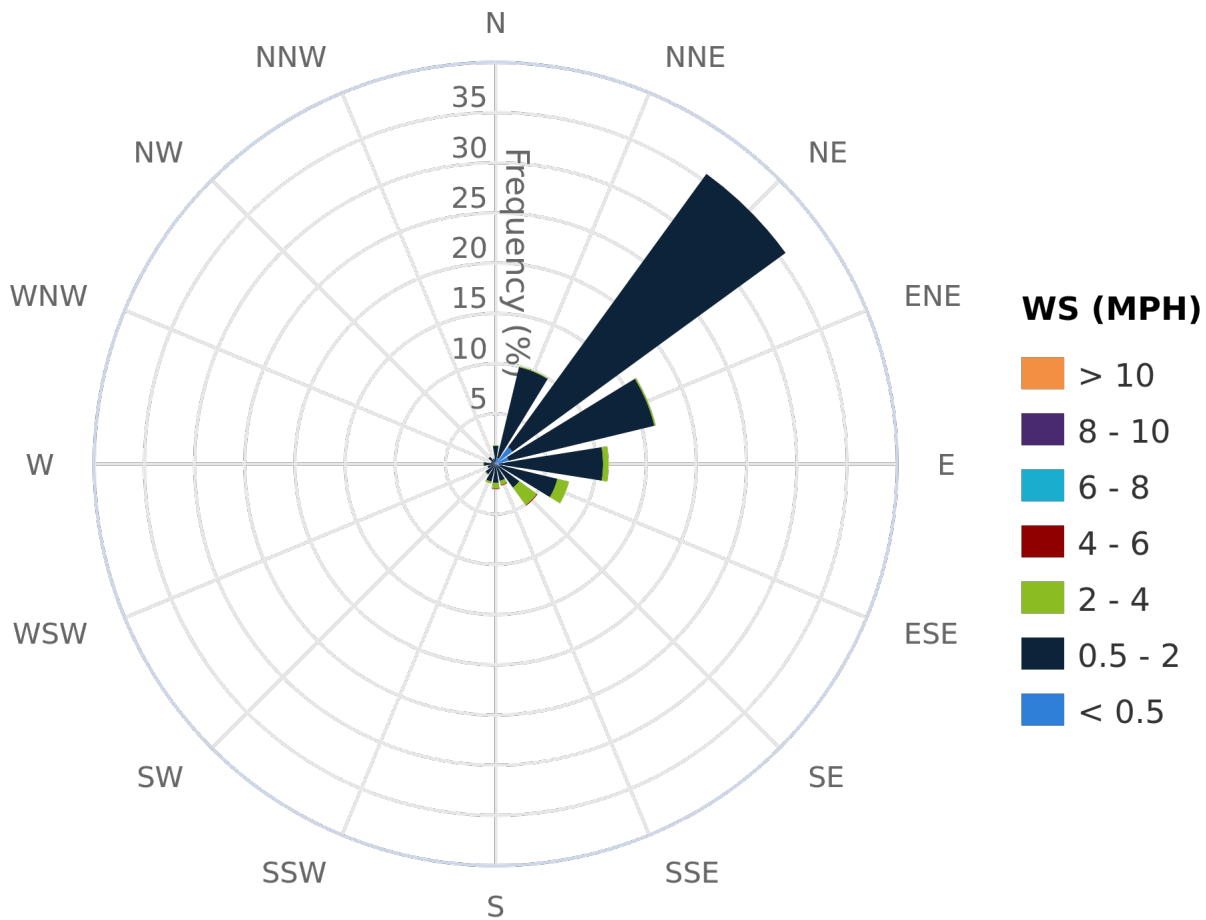


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

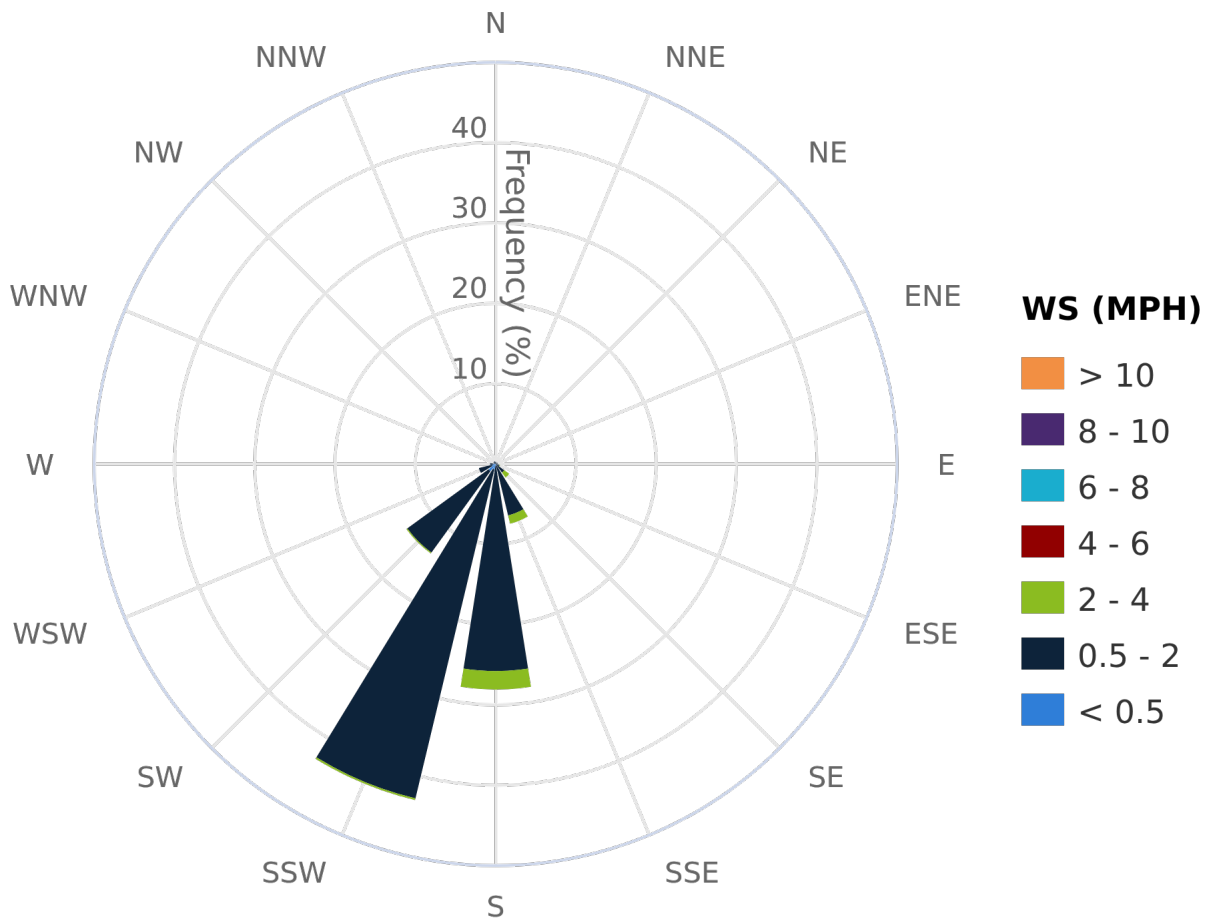


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

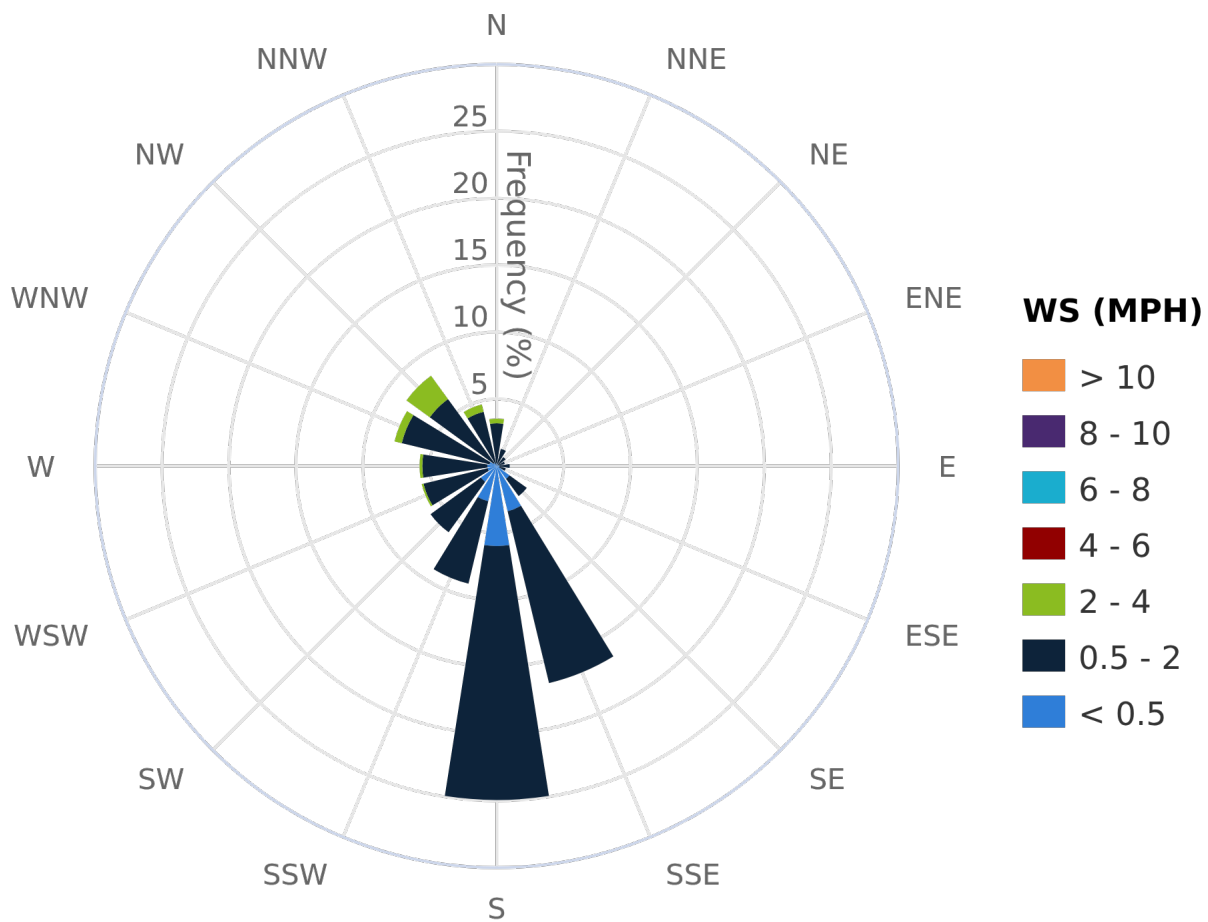


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

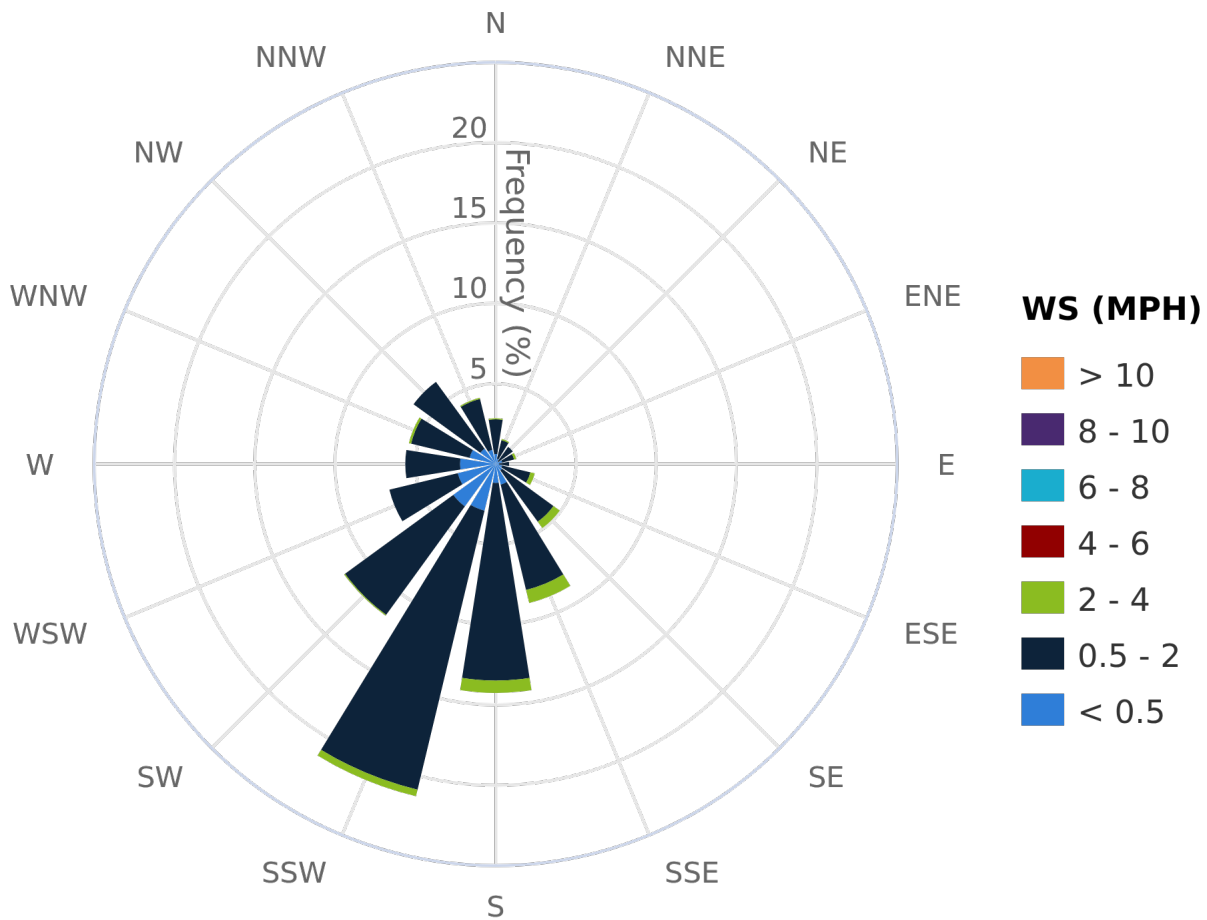


Figure 3 : Wind Rose Chart (WS in MPH)



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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	20.9	14.5	21.4	23.1	5.8	6.4	7.0	10.5	0.000	0.000	0.000	0.000
00:15:00	16.7	15.8	22.5	31.5	7.1	6.2	7.4	8.6	0.000	0.000	0.000	0.000
00:30:00	18.2	16.6	23.7	24.9	7.8	6.0	7.6	7.5	0.000	0.000	0.000	0.000
00:45:00	16.6	15.4	21.9	25.9	7.6	6.1	8.0	7.1	0.000	0.000	0.000	0.000
01:00:00	17.2	13.7	21.8	18.1	8.3	6.3	7.8	7.3	0.000	0.000	0.000	0.000
01:15:00	24.1	11.8	20.2	19.0	11.0	6.6	10.1	9.0	0.000	0.000	0.000	0.000
01:30:00	20.0	16.3	19.6	18.0	10.9	10.9	10.4	10.0	0.000	0.000	0.000	0.000
01:45:00	14.0	15.7	13.5	13.2	9.0	12.0	8.8	8.8	0.000	0.000	0.000	0.000
02:00:00	14.4	14.6	11.8	12.3	8.5	11.6	8.0	8.4	0.000	0.000	0.000	0.000
02:15:00	13.5	17.5	12.9	12.3	8.2	13.4	7.8	9.0	0.000	0.000	0.000	0.000
02:30:00	13.1	19.8	12.6	9.4	7.1	14.3	6.1	8.2	0.000	0.000	0.000	0.000
02:45:00	12.7	20.6	11.1	8.2	5.6	14.6	5.1	6.9	0.000	0.000	0.000	0.000
03:00:00	11.7	20.3	11.1	8.4	5.5	13.9	5.6	6.9	0.000	0.000	0.000	0.000
03:15:00	10.5	21.3	10.4	8.4	6.0	14.3	6.0	6.6	0.000	0.000	0.000	0.000
03:30:00	9.7	20.6	10.2	8.9	6.6	12.8	6.2	6.8	0.000	0.000	0.000	0.000
03:45:00	11.5	19.8	11.2	9.8	7.7	12.1	6.4	6.8	0.000	0.000	0.000	0.000
04:00:00	11.8	19.5	10.7	10.1	7.8	13.2	6.4	7.0	0.000	0.000	0.000	0.000
04:15:00	11.9	21.3	10.0	9.1	6.6	12.1	5.2	5.7	0.000	0.000	0.000	0.000
04:30:00	11.9	18.9	9.3	9.2	5.4	10.8	5.2	5.3	0.000	0.000	0.000	0.000
04:45:00	12.7	14.6	10.4	10.4	5.9	8.7	5.7	5.9	0.000	0.000	0.000	0.000
05:00:00	12.9	13.9	11.4	11.3	6.5	7.8	6.3	6.4	0.000	0.000	0.000	0.000
05:15:00	14.7	14.9	12.3	12.0	6.8	8.1	6.5	6.2	0.000	0.000	0.000	0.000
05:30:00	15.9	16.0	13.3	12.6	6.9	8.3	6.7	6.6	0.000	0.000	0.000	0.000
05:45:00	15.3	15.8	14.3	12.4	6.9	8.4	6.7	6.9	0.000	0.000	0.000	0.000
06:00:00	16.0	16.0	13.8	13.5	7.0	8.6	6.7	6.9	0.000	0.000	0.000	0.000
06:15:00	16.6	16.4	13.7	15.1	7.0	8.6	6.9	6.7	0.000	0.000	0.000	0.000
06:30:00	14.6	16.5	14.7	15.2	7.1	8.6	6.6	6.6	0.000	0.000	0.000	0.000
06:45:00	14.7	17.5	14.8	14.9	6.9	8.8	6.9	6.4	0.000	0.000	0.000	0.000
07:00:00	15.5	17.7	18.8	12.7	6.9	8.7	6.8	6.9	0.000	0.000	0.000	0.000
07:15:00	13.7	19.6	16.4	12.0	6.4	8.7	6.6	7.3	0.000	0.000	0.000	0.000
07:30:00	16.2	16.3	19.5	17.9	6.7	8.8	6.6	6.7	0.000	0.000	0.000	0.000
07:45:00	16.4	16.8	17.4	15.7	7.4	9.3	6.3	6.6	0.000	0.000	0.000	0.000
08:00:00	17.4	17.9	15.1	15.0	8.0	9.2	7.1	7.1	0.000	0.000	0.000	0.000
08:15:00	19.5	20.4	16.6	17.7	9.8	10.2	9.7	9.2	0.000	0.000	0.000	0.000
08:30:00	22.7	23.7	17.4	17.6	11.2	13.5	10.0	10.1	0.000	0.000	0.000	0.000
08:45:00	23.2	22.3	19.5	19.7	11.1	12.5	10.3	10.6	0.000	0.000	0.000	0.000
09:00:00	20.6	19.1	18.6	17.0	9.8	11.7	9.0	9.7	0.000	0.000	0.000	0.000
09:15:00	17.6	16.9	16.6	16.1	8.7	10.9	8.6	8.9	0.000	0.000	0.000	0.000
09:30:00	17.1	17.6	15.5	14.9	8.5	10.9	8.0	8.3	0.000	0.000	0.000	0.000
09:45:00	17.2	16.8	15.5	15.3	8.1	10.4	8.0	8.3	0.000	0.000	0.000	0.000
10:00:00	15.4	16.2	12.7	13.5	7.9	10.4	7.3	7.1	0.000	0.000	0.000	0.000
10:15:00	15.7	15.4	14.4	13.8	7.8	10.2	7.5	7.9	0.000	0.003	0.000	0.000
10:30:00	14.6	14.7	13.5	12.8	7.4	9.8	7.1	7.6	0.001	0.008	0.000	0.000
10:45:00	15.4	15.4	13.1	12.9	7.8	10.2	7.1	7.4	0.006	0.013	0.000	0.001
11:00:00	13.4	14.4	13.2	13.0	7.0	9.8	7.2	7.5	0.009	0.017	0.000	0.004
11:15:00	12.6	14.3	12.2	11.8	6.8	10.0	6.6	7.1	0.021	0.022	0.000	0.012
11:30:00	12.9	14.6	12.0	11.9	6.9	10.4	6.7	7.0	0.027	0.026	0.000	0.021
11:45:00	13.1	14.7	12.1	11.5	6.9	10.3	6.6	7.0	0.031	0.031	0.000	0.024



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12:00:00	12.6	14.2	12.4	12.4	6.3	9.9	6.9	7.1	0.035	0.031	0.000	0.025
12:15:00	13.0	14.3	11.9	12.0	6.7	9.9	6.7	6.9	0.037	0.040	0.000	0.024
12:30:00	12.7	15.9	11.9	12.5	6.6	9.7	6.7	6.6	0.037	0.034	0.000	0.027
12:45:00	13.9	14.5	11.8	12.2	6.6	9.6	6.6	6.5	0.039	0.034	0.001	0.029
13:00:00	12.3	14.0	11.6	12.1	6.3	9.7	6.5	6.6	0.039	0.031	0.000	0.031
13:15:00	13.6	14.0	11.6	12.2	6.5	9.6	6.6	6.4	0.038	0.035	0.000	0.028
13:30:00	12.6	14.5	11.7	11.9	6.5	9.7	6.5	6.5	0.031	0.035	0.000	0.027
13:45:00	12.3	14.1	11.7	11.5	6.2	9.5	6.3	6.3	0.020	0.034	0.000	0.015
14:00:00	12.0	14.3	11.6	11.5	6.1	9.6	6.2	6.2	0.004	0.028	0.000	0.006
14:15:00	11.7	13.6	11.2	11.1	5.9	9.1	6.0	5.9	0.000	0.021	0.000	0.000
14:30:00	11.4	14.4	10.8	11.1	5.9	9.8	6.1	5.9	0.000	0.011	0.000	0.000
14:45:00	12.1	15.0	11.1	11.3	6.1	10.4	6.1	6.0	0.000	0.014	0.000	0.000
15:00:00	12.3	14.7	10.8	11.3	6.0	9.7	6.2	5.9	0.000	0.015	0.000	0.000
15:15:00	11.7	14.6	11.6	11.5	6.0	9.6	6.3	6.2	0.000	0.009	0.000	0.000
15:30:00	11.6	13.8	11.2	11.3	6.1	9.2	6.1	6.1	0.000	0.013	0.000	0.000
15:45:00	11.9	14.2	11.5	11.5	6.0	9.5	6.3	6.3	0.000	0.015	0.000	0.000
16:00:00	13.0	15.4	11.3	12.0	7.2	10.8	6.9	6.5	0.000	0.009	0.000	0.001
16:15:00	18.1	20.1	13.5	14.5	9.2	15.4	9.0	8.5	0.000	0.014	0.000	0.001
16:30:00	13.2	19.6	13.1	12.9	7.4	15.2	7.6	8.1	0.000	0.015	0.000	0.001
16:45:00	12.2	16.9	12.3	11.7	6.4	12.3	6.5	6.9	0.000	0.009	0.000	0.003
17:00:00	11.9	15.1	12.1	11.9	6.1	10.6	6.7	6.6	0.000	0.008	0.000	0.005
17:15:00	12.5	13.8	12.7	11.9	6.2	9.2	6.5	6.8	0.000	0.008	0.000	0.004
17:30:00	12.4	14.0	12.1	11.7	6.2	9.6	6.3	6.6	0.000	0.006	0.000	0.003
17:45:00	12.6	13.5	12.7	12.5	6.5	9.2	6.7	6.6	0.002	0.002	0.000	0.002
18:00:00	12.7	13.9	13.1	12.8	6.6	9.0	6.7	6.8	0.004	0.001	0.000	0.001
18:15:00	13.1	14.4	13.2	13.5	6.6	9.7	6.8	6.8	0.004	0.000	0.000	0.000
18:30:00	12.7	15.1	12.7	12.8	6.5	10.5	7.0	6.8	0.002	0.000	0.000	0.000
18:45:00	12.9	16.6	13.0	12.8	6.6	11.9	6.9	6.8	0.000	0.000	0.000	0.000
19:00:00	12.5	14.5	12.1	16.7	6.6	10.0	7.5	6.7	0.000	0.000	0.000	0.000
19:15:00	12.1	13.6	13.2	12.1	6.3	9.2	6.5	6.9	0.000	0.000	0.000	0.000
19:30:00	12.5	13.5	12.8	12.9	6.2	9.2	6.8	6.6	0.000	0.000	0.000	0.000
19:45:00	11.6	13.1	12.1	13.0	6.0	8.7	6.8	6.5	0.000	0.000	0.000	0.000
20:00:00	12.3	12.9	13.3	20.4	6.1	8.4	7.7	6.4	0.000	0.000	0.000	0.000
20:15:00	11.2	13.0	19.8	13.8	5.9	8.3	6.2	7.0	0.000	0.000	0.000	0.000
20:30:00	11.9	12.7	17.4	13.2	6.0	8.3	6.4	6.3	0.000	0.000	0.000	0.000
20:45:00	10.9	12.5	17.6	13.4	5.7	8.5	6.3	6.2	0.000	0.000	0.000	0.000
21:00:00	14.9	13.0	12.4	12.7	6.1	8.5	5.9	6.0	0.000	0.000	0.000	0.000
21:15:00	15.8	12.5	14.3	12.9	6.1	8.2	5.7	5.6	0.000	0.000	0.000	0.000
21:30:00	13.5	12.8	16.6	11.9	5.9	8.1	5.7	6.2	0.000	0.000	0.000	0.000
21:45:00	10.7	13.4	12.6	13.2	5.7	8.1	5.7	5.6	0.000	0.000	0.000	0.000
22:00:00	10.7	13.0	13.9	12.5	5.6	7.9	5.5	5.5	0.000	0.000	0.000	0.000
22:15:00	9.8	11.9	16.1	13.1	5.2	7.2	5.3	5.8	0.000	0.000	0.000	0.000
22:30:00	9.3	13.3	16.4	11.4	5.1	8.3	4.8	5.5	0.000	0.000	0.000	0.000
22:45:00	9.6	16.6	12.4	13.4	5.2	7.5	5.6	5.2	0.000	0.000	0.000	0.000
23:00:00	14.8	12.7	15.6	10.4	5.4	6.5	4.6	5.5	0.000	0.000	0.000	0.000
23:15:00	8.7	10.5	18.9	10.1	4.8	6.8	4.7	5.5	0.000	0.000	0.000	0.000
23:30:00	11.4	14.2	16.5	10.9	5.1	6.8	5.0	5.6	0.000	0.000	0.000	0.000
23:45:00	9.3	10.5	19.0	9.1	4.8	6.3	4.5	5.9	0.000	0.000	0.000	0.000



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