



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-15

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1000 Max : 31.23	2943 NE	3277 N	2996 S	2997 N	Min : 35.42 Max : 66.92	Min : 39.10 Max : 79.40	Min : 30.24 Max : 30.47

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	12.5	58.9	4.7	10.6	-0.010	0.031
2996	10.3	20.1	4.2	5.9	0.000	0.004
2997	10.0	14.9	4.4	6.1	0.004	0.026
3277	9.8	14.4	4.6	6.2	0.001	0.009

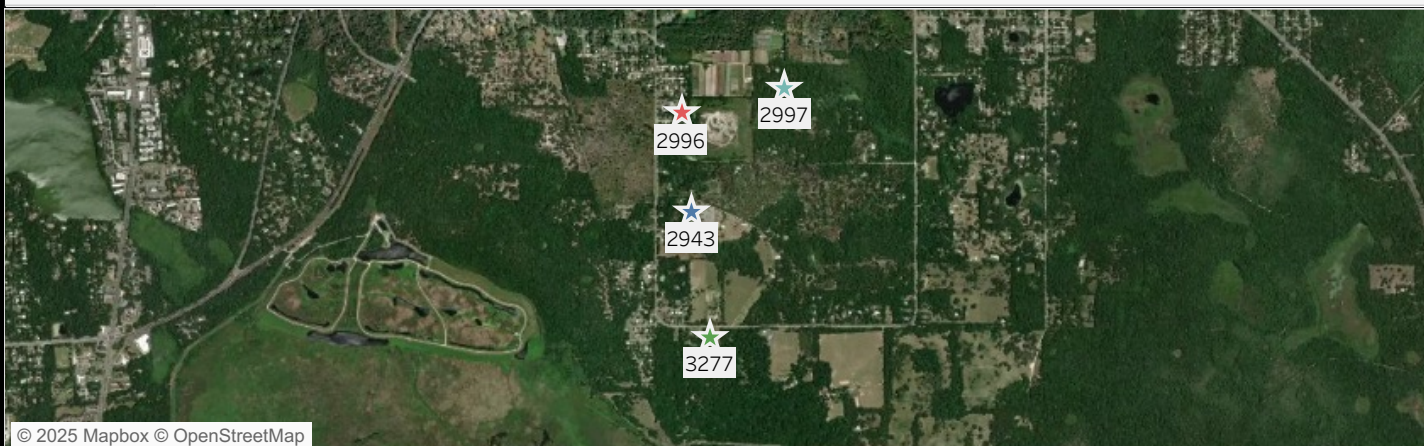


Figure 1 : Monitoring Locations

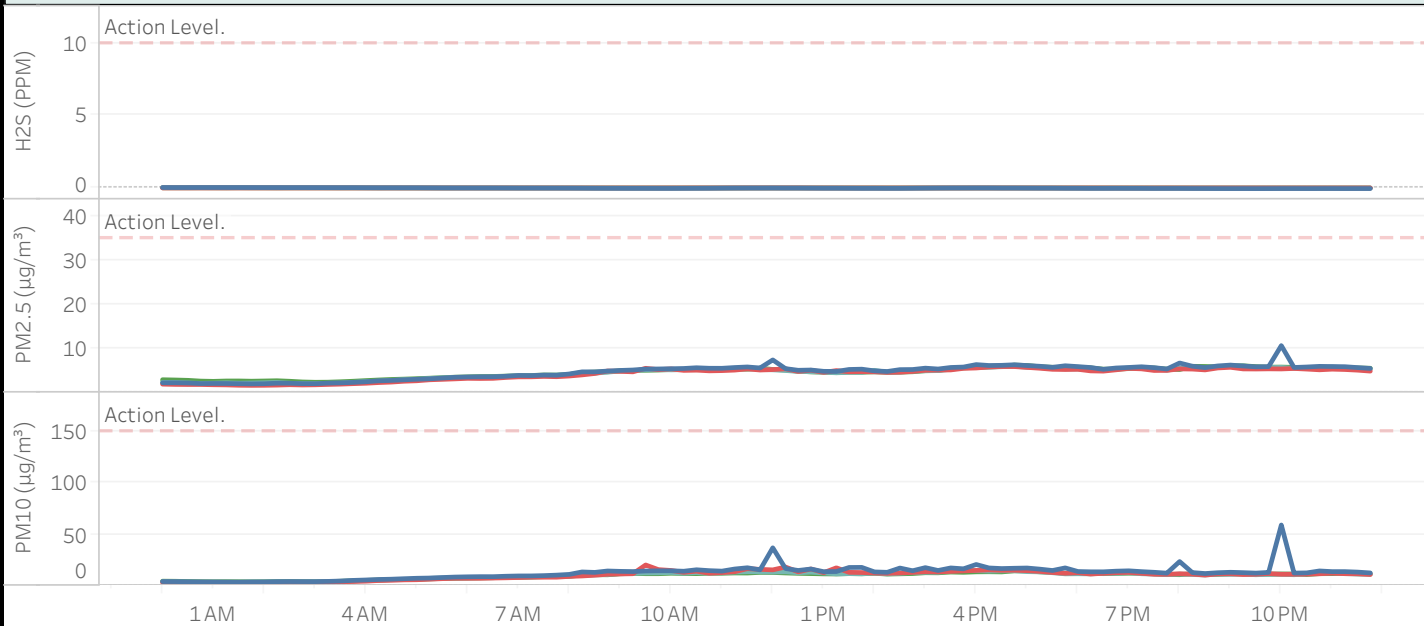


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



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Wind Rose Chart 2943

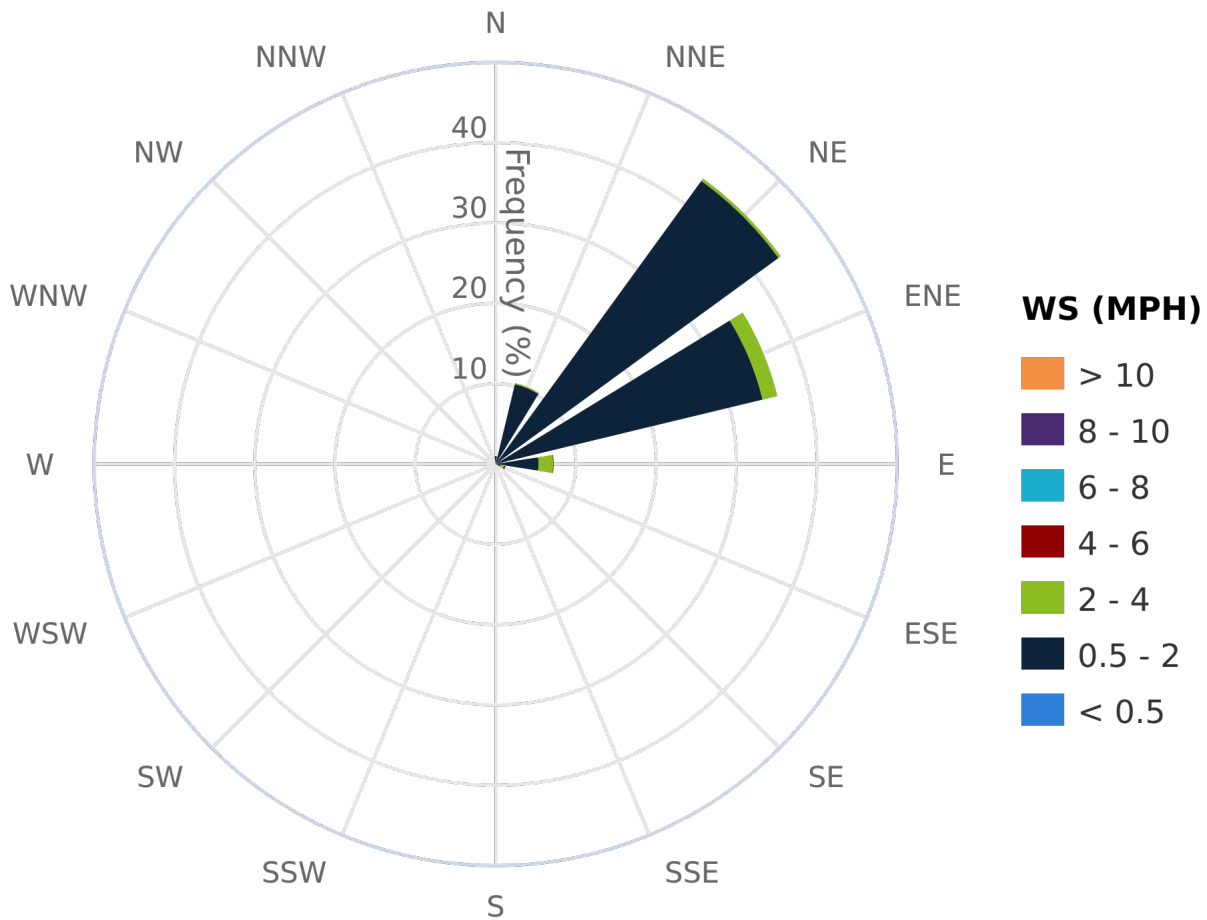


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

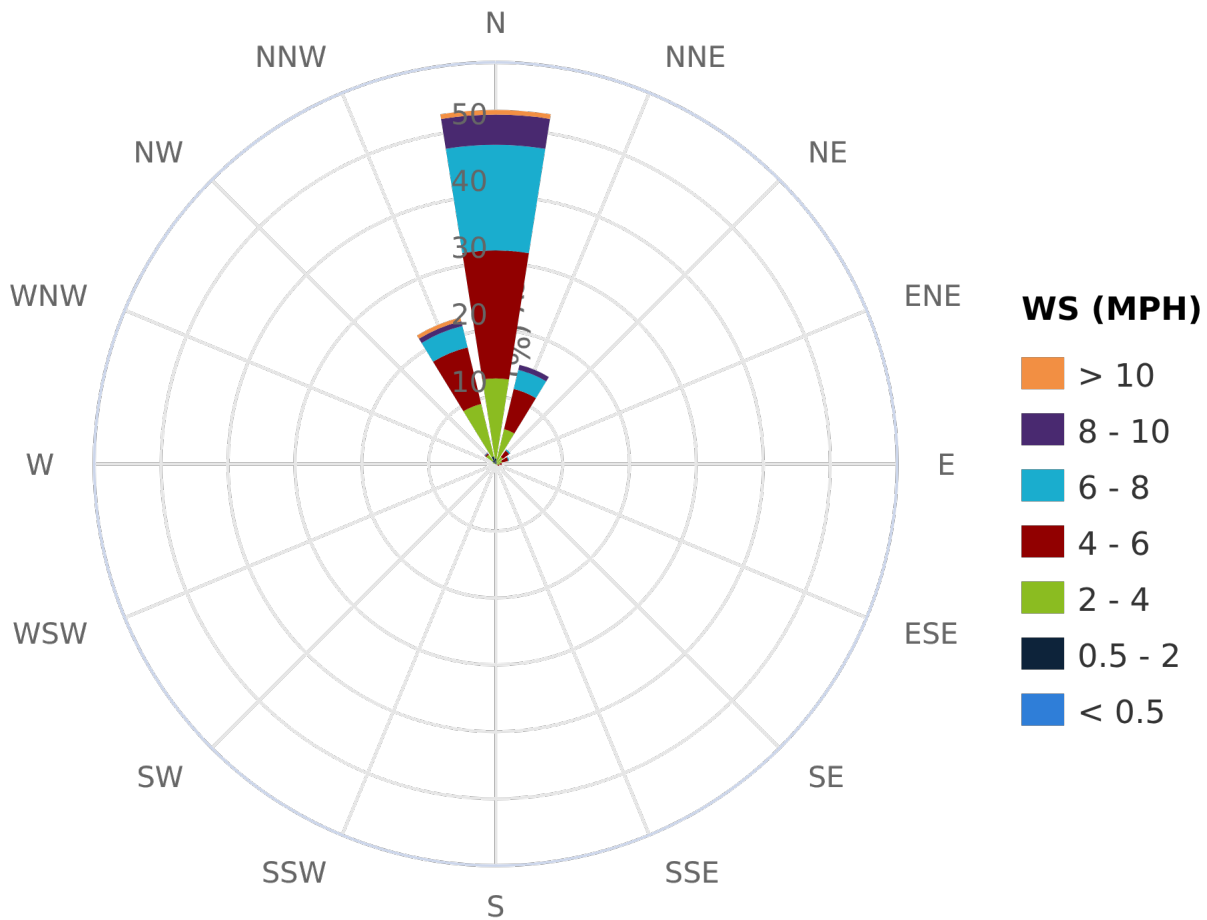


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

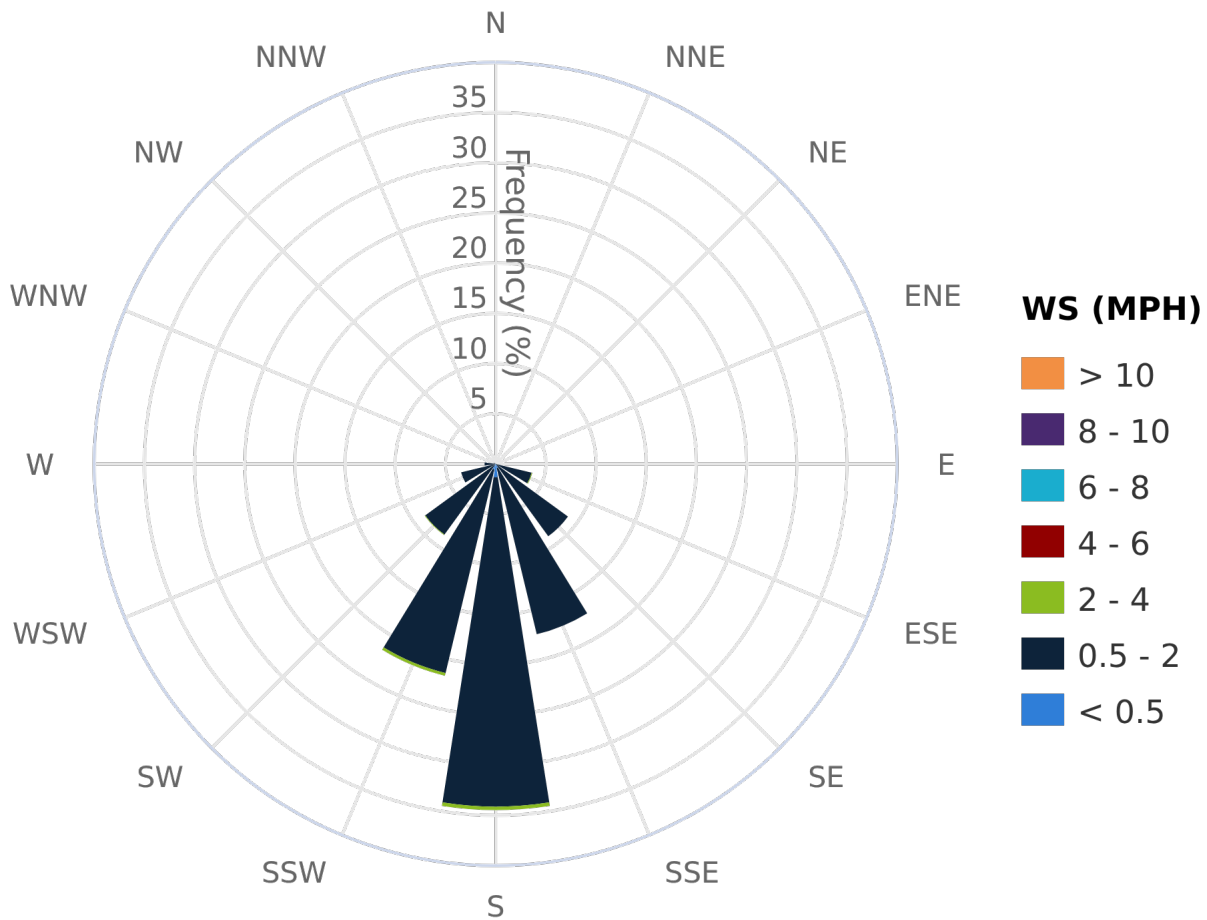


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

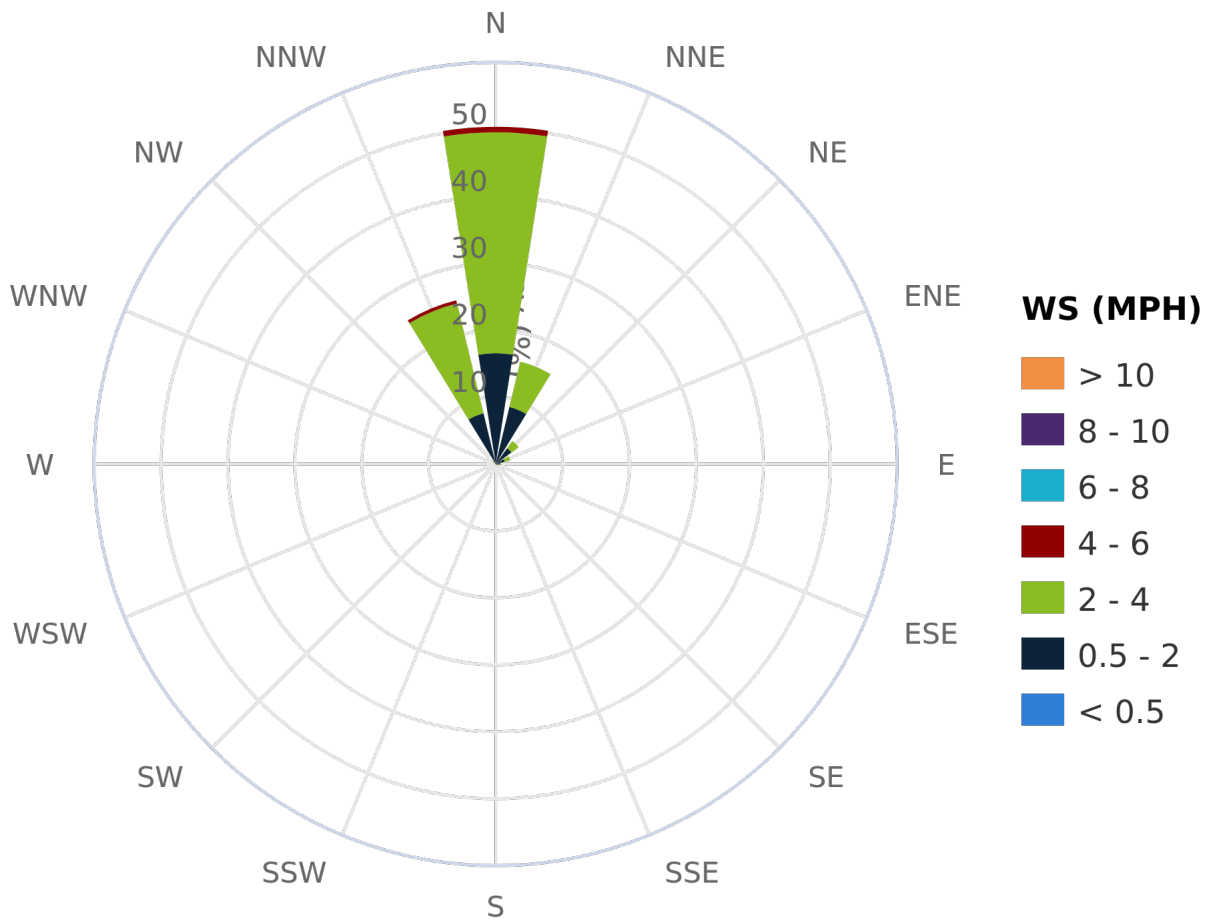


Figure 3 : Wind Rose Chart (WS in MPH)



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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	4.1	4.5	4.0	3.2	2.2	2.9	1.9	2.3	0.031	0.009	0.000	0.026
00:15:00	4.1	4.4	3.9	3.2	2.2	2.9	1.9	2.3	0.027	0.008	0.000	0.025
00:30:00	3.9	4.1	3.7	3.2	2.2	2.8	1.8	2.2	0.029	0.007	0.000	0.026
00:45:00	3.8	3.9	3.4	3.3	2.1	2.6	1.8	2.1	0.029	0.009	0.000	0.023
01:00:00	3.7	3.9	3.4	3.0	2.1	2.6	1.8	2.1	0.030	0.007	0.000	0.023
01:15:00	3.6	3.9	3.5	3.0	2.1	2.6	1.7	2.2	0.029	0.005	0.000	0.022
01:30:00	3.5	3.9	3.5	2.8	2.0	2.6	1.7	2.1	0.029	0.009	0.000	0.022
01:45:00	3.7	3.8	3.6	2.8	2.0	2.6	1.6	2.2	0.027	0.006	0.000	0.022
02:00:00	3.8	3.9	3.6	3.0	2.0	2.6	1.7	2.2	0.026	0.005	0.000	0.021
02:15:00	4.0	4.1	3.8	3.0	2.1	2.7	1.7	2.3	0.026	0.003	0.000	0.020
02:30:00	4.1	4.1	3.7	3.2	2.1	2.6	1.8	2.1	0.023	0.005	0.000	0.021
02:45:00	4.0	3.9	3.7	3.2	2.0	2.4	1.7	2.1	0.024	0.005	0.000	0.019
03:00:00	4.0	3.9	3.8	3.3	2.0	2.3	1.8	2.0	0.023	0.005	0.000	0.018
03:15:00	4.2	4.0	4.1	3.5	2.1	2.4	1.9	2.1	0.021	0.006	0.000	0.017
03:30:00	4.6	4.4	4.2	3.8	2.2	2.5	1.9	2.2	0.020	0.003	0.000	0.016
03:45:00	5.2	4.7	4.8	4.1	2.3	2.6	2.0	2.3	0.021	0.005	0.000	0.014
04:00:00	5.6	5.2	5.2	4.5	2.5	2.7	2.1	2.5	0.016	0.005	0.000	0.013
04:15:00	6.1	5.6	5.3	5.1	2.7	2.9	2.3	2.6	0.013	0.002	0.000	0.011
04:30:00	6.4	6.0	6.0	5.3	2.8	3.0	2.4	2.8	0.013	0.003	0.000	0.010
04:45:00	6.8	6.1	6.1	5.7	2.9	3.1	2.6	2.9	0.011	0.002	0.000	0.011
05:00:00	7.3	6.3	6.5	5.9	3.0	3.2	2.7	3.0	0.012	0.002	0.000	0.005
05:15:00	7.5	6.7	7.2	6.4	3.1	3.3	2.9	3.2	0.007	0.002	0.000	0.004
05:30:00	8.0	7.0	7.5	6.9	3.3	3.4	3.0	3.3	0.004	0.000	0.000	0.003
05:45:00	8.4	7.3	7.6	7.3	3.5	3.5	3.1	3.4	0.002	0.000	0.000	0.001
06:00:00	8.7	7.5	7.5	7.2	3.5	3.6	3.2	3.5	0.000	0.002	0.000	0.001
06:15:00	8.8	7.6	7.8	7.3	3.6	3.6	3.2	3.5	0.000	0.001	0.000	0.000
06:30:00	8.8	7.8	7.8	7.5	3.6	3.7	3.2	3.5	-0.001	0.000	0.000	0.001
06:45:00	9.2	8.1	8.2	7.7	3.7	3.7	3.4	3.7	-0.003	0.000	0.000	0.000
07:00:00	9.5	8.2	8.6	8.0	3.9	3.8	3.6	3.8	-0.007	0.000	0.000	0.000
07:15:00	9.5	8.3	8.7	8.3	3.9	3.9	3.6	3.8	-0.007	0.000	0.000	0.000
07:30:00	9.8	8.8	8.9	8.3	4.0	4.0	3.7	3.9	-0.008	0.000	0.000	0.000
07:45:00	10.3	8.9	9.2	8.3	3.9	4.0	3.6	4.0	-0.010	0.000	0.000	0.000
08:00:00	11.0	9.2	9.5	9.1	4.2	4.1	3.8	4.1	-0.012	0.000	0.000	0.000
08:15:00	13.4	10.4	10.4	9.5	4.7	4.5	4.0	4.4	-0.016	0.000	0.000	0.000
08:30:00	13.0	10.7	10.6	10.2	4.7	4.7	4.3	4.4	-0.021	0.000	0.000	0.000
08:45:00	14.3	10.6	10.9	11.2	4.9	4.7	4.9	4.6	-0.024	0.000	0.000	0.000
09:00:00	14.0	11.6	11.9	11.4	5.0	4.9	4.8	4.9	-0.026	0.000	0.000	0.000
09:15:00	13.8	12.0	12.1	11.7	5.1	5.0	4.7	5.0	-0.028	0.000	0.000	0.000
09:30:00	14.3	11.7	12.4	20.1	5.3	5.1	5.5	5.2	-0.028	0.000	0.000	0.000
09:45:00	14.5	11.7	12.5	15.6	5.4	5.1	5.2	5.2	-0.030	0.000	0.000	0.000
10:00:00	14.5	12.1	12.9	14.8	5.4	5.2	5.4	5.1	-0.030	0.000	0.001	0.000
10:15:00	14.1	11.9	12.2	13.0	5.5	5.2	5.0	5.2	-0.027	0.000	0.001	0.000
10:30:00	15.5	11.8	12.8	14.1	5.6	5.2	5.1	5.4	-0.024	0.000	0.003	0.000
10:45:00	14.7	12.1	12.3	12.1	5.5	5.3	4.9	5.4	-0.020	0.000	0.001	0.000
11:00:00	14.2	12.1	12.6	12.7	5.5	5.3	5.0	5.4	-0.012	0.000	0.002	0.000
11:15:00	16.2	12.4	13.3	13.6	5.7	5.3	5.1	5.4	-0.006	0.000	0.003	0.000
11:30:00	17.4	12.3	13.6	16.5	5.8	5.3	5.4	5.4	-0.004	0.000	0.003	0.000
11:45:00	15.4	13.0	13.5	15.9	5.6	5.5	5.1	5.2	-0.004	0.000	0.003	0.000



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12:00:00	36.8	12.9	13.3	15.4	7.4	5.2	5.2	5.2	-0.002	0.000	0.003	0.000
12:15:00	16.7	12.4	13.5	18.2	5.4	5.1	5.4	5.0	-0.006	0.000	0.003	0.000
12:30:00	14.8	12.0	12.6	13.5	5.1	4.8	4.8	4.8	-0.006	0.001	0.004	0.000
12:45:00	16.2	11.8	13.2	16.3	5.1	4.7	5.1	4.7	-0.011	0.000	0.000	0.000
13:00:00	13.7	11.5	12.4	12.7	4.8	4.6	4.6	4.6	-0.017	0.002	0.000	0.000
13:15:00	13.8	11.4	11.5	17.4	4.8	4.5	5.0	4.5	-0.017	0.001	0.000	0.000
13:30:00	17.7	11.8	11.8	13.0	5.2	4.6	4.7	4.6	-0.021	0.001	0.000	0.000
13:45:00	17.8	11.6	11.6	12.8	5.3	4.6	4.8	4.6	-0.026	0.002	0.000	0.000
14:00:00	13.4	12.1	12.2	12.3	4.9	4.7	4.7	5.0	-0.025	0.001	0.000	0.000
14:15:00	13.0	11.3	11.6	12.0	4.8	4.6	4.6	4.6	-0.027	0.000	0.000	0.000
14:30:00	17.2	11.6	12.1	12.4	5.2	4.6	4.6	4.7	-0.027	0.000	0.000	0.000
14:45:00	14.5	11.8	12.9	12.9	5.2	4.7	4.8	4.9	-0.020	0.002	0.000	0.000
15:00:00	17.6	12.6	13.0	13.6	5.5	5.0	5.1	4.9	-0.011	0.000	0.000	0.001
15:15:00	14.8	12.5	13.0	13.4	5.3	5.0	5.1	5.0	-0.005	0.000	0.000	0.000
15:30:00	17.3	13.3	14.2	13.9	5.7	5.5	5.1	5.3	-0.001	0.000	0.000	0.000
15:45:00	16.4	13.0	14.9	14.4	5.8	5.6	5.5	5.7	0.000	0.000	0.000	0.000
16:00:00	20.6	13.5	14.6	14.9	6.3	5.7	5.6	5.7	0.001	0.000	0.000	0.000
16:15:00	17.3	13.6	14.2	15.4	6.1	5.8	5.8	5.7	0.000	0.000	0.000	0.000
16:30:00	16.7	13.4	14.4	15.0	6.2	5.9	5.9	5.9	-0.005	0.000	0.000	0.000
16:45:00	17.0	14.4	14.6	15.1	6.3	6.2	5.9	6.0	-0.006	0.000	0.000	0.000
17:00:00	17.2	14.4	13.7	14.6	6.1	6.1	5.7	5.7	-0.010	0.000	0.000	0.000
17:15:00	16.1	13.5	13.5	13.9	6.0	5.9	5.5	5.6	-0.013	0.000	0.000	0.000
17:30:00	14.8	13.1	12.6	12.8	5.7	5.7	5.3	5.5	-0.013	0.000	0.000	0.000
17:45:00	17.3	12.2	11.5	12.1	6.1	5.7	5.2	5.4	-0.021	0.000	0.001	0.000
18:00:00	13.8	12.0	11.6	12.6	5.9	5.7	5.3	5.3	-0.023	0.000	0.001	0.000
18:15:00	13.5	12.0	11.5	11.4	5.7	5.6	4.9	5.2	-0.028	0.000	0.002	0.000
18:30:00	13.5	11.7	12.2	12.0	5.3	5.3	4.9	5.2	-0.028	0.000	0.002	0.000
18:45:00	14.1	12.0	12.2	12.7	5.6	5.3	5.2	5.3	-0.025	0.000	0.000	0.000
19:00:00	14.5	12.2	12.7	12.9	5.7	5.4	5.5	5.6	-0.027	0.000	0.000	0.000
19:15:00	13.7	12.2	11.6	12.1	5.8	5.6	5.4	5.6	-0.029	0.000	0.000	0.000
19:30:00	13.0	11.6	11.3	11.2	5.6	5.6	5.0	5.3	-0.033	0.000	0.000	0.000
19:45:00	12.2	11.0	10.8	11.1	5.3	5.3	5.0	5.1	-0.032	0.000	0.001	0.000
20:00:00	23.5	10.7	11.3	11.6	6.7	5.2	5.4	5.5	-0.032	0.000	0.000	0.000
20:15:00	12.8	11.7	10.9	11.3	6.0	6.0	5.3	5.6	-0.036	0.000	0.000	0.000
20:30:00	11.8	11.1	10.5	10.3	5.7	5.9	5.1	5.4	-0.038	0.000	0.000	0.000
20:45:00	12.6	11.0	11.3	11.5	6.0	5.8	5.6	5.9	-0.041	0.000	0.001	0.000
21:00:00	13.1	11.5	11.1	11.6	6.2	6.1	5.7	5.9	-0.042	0.000	0.000	0.000
21:15:00	12.7	11.6	11.3	10.9	6.0	6.1	5.4	6.1	-0.042	0.000	0.000	0.000
21:30:00	12.3	11.2	10.7	11.1	5.8	5.9	5.3	5.6	-0.044	0.000	0.000	0.000
21:45:00	12.9	11.2	11.1	11.8	5.9	5.8	5.4	5.7	-0.042	0.000	0.000	0.000
22:00:00	58.9	11.5	11.1	11.1	10.6	5.8	5.4	5.7	-0.040	0.000	0.000	0.000
22:15:00	12.3	11.4	10.7	11.2	5.7	5.7	5.5	5.5	-0.039	0.000	0.000	0.000
22:30:00	12.5	10.9	11.6	11.2	5.8	5.6	5.3	5.6	-0.041	0.000	0.000	0.000
22:45:00	14.4	11.7	12.0	11.6	5.9	5.6	5.2	5.6	-0.040	0.000	0.000	0.000
23:00:00	13.7	11.7	12.6	12.2	5.9	5.5	5.3	5.8	-0.038	0.000	0.000	0.000
23:15:00	13.7	11.9	11.7	11.7	5.9	5.5	5.2	5.6	-0.041	0.000	0.000	0.000
23:30:00	13.2	11.6	11.4	11.6	5.7	5.6	5.1	5.4	-0.040	0.000	0.000	0.000
23:45:00	12.4	11.5	11.2	10.9	5.5	5.5	4.9	5.3	-0.042	0.000	0.000	0.000



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