



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-03-17

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.224 to 8.881	2943 NE	3061 NW	2996 WSW	2997 NNW	Min : 34.70 Max : 68.72	Min : 24.10 Max : 77.50	Min : 28.35 Max : 115.3

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	4.6	17.2	2.4	13.3	0.020	0.070	
2996	3.9	11.8	2.3	9.5	0.000	0.000	
2997	4.1	12.6	2.4	10.6	0.017	0.055	
3061	3.8	13.2	2.2	11.5	0.001	0.003	



Figure 1 : Monitoring Locations

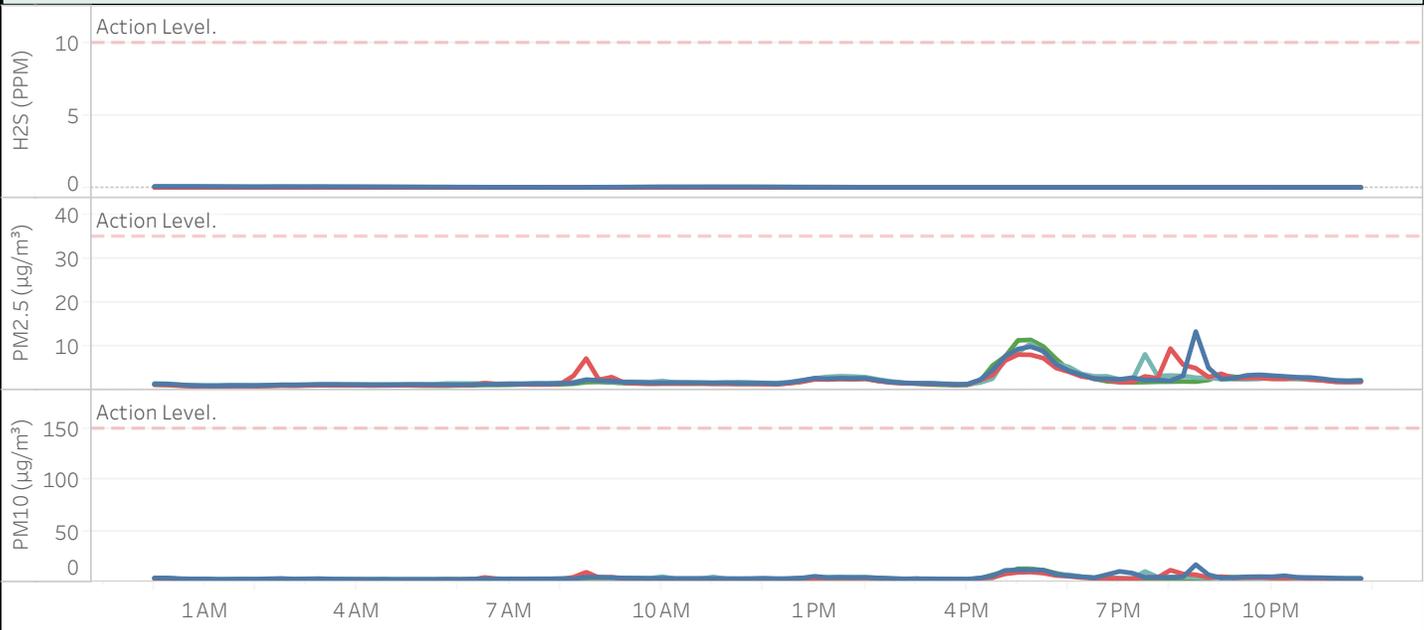


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

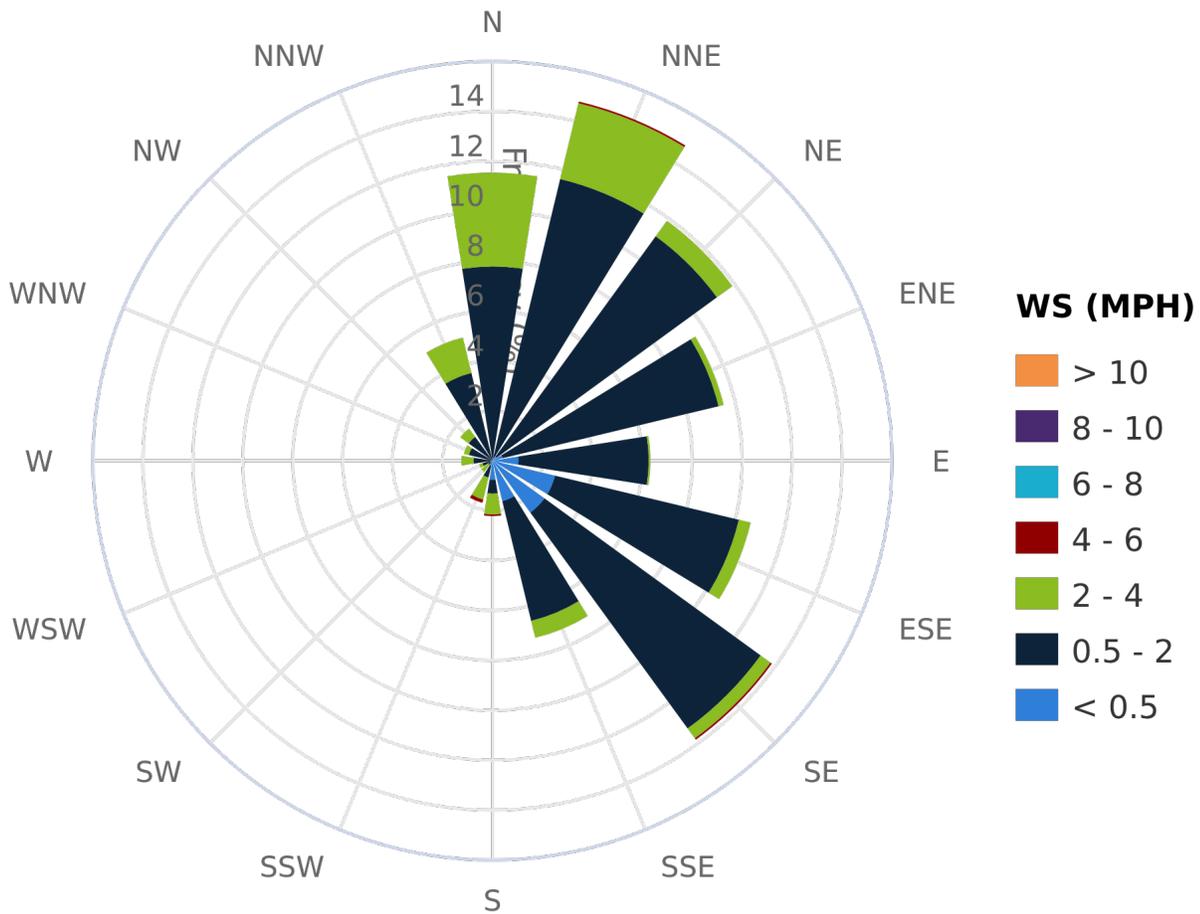


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

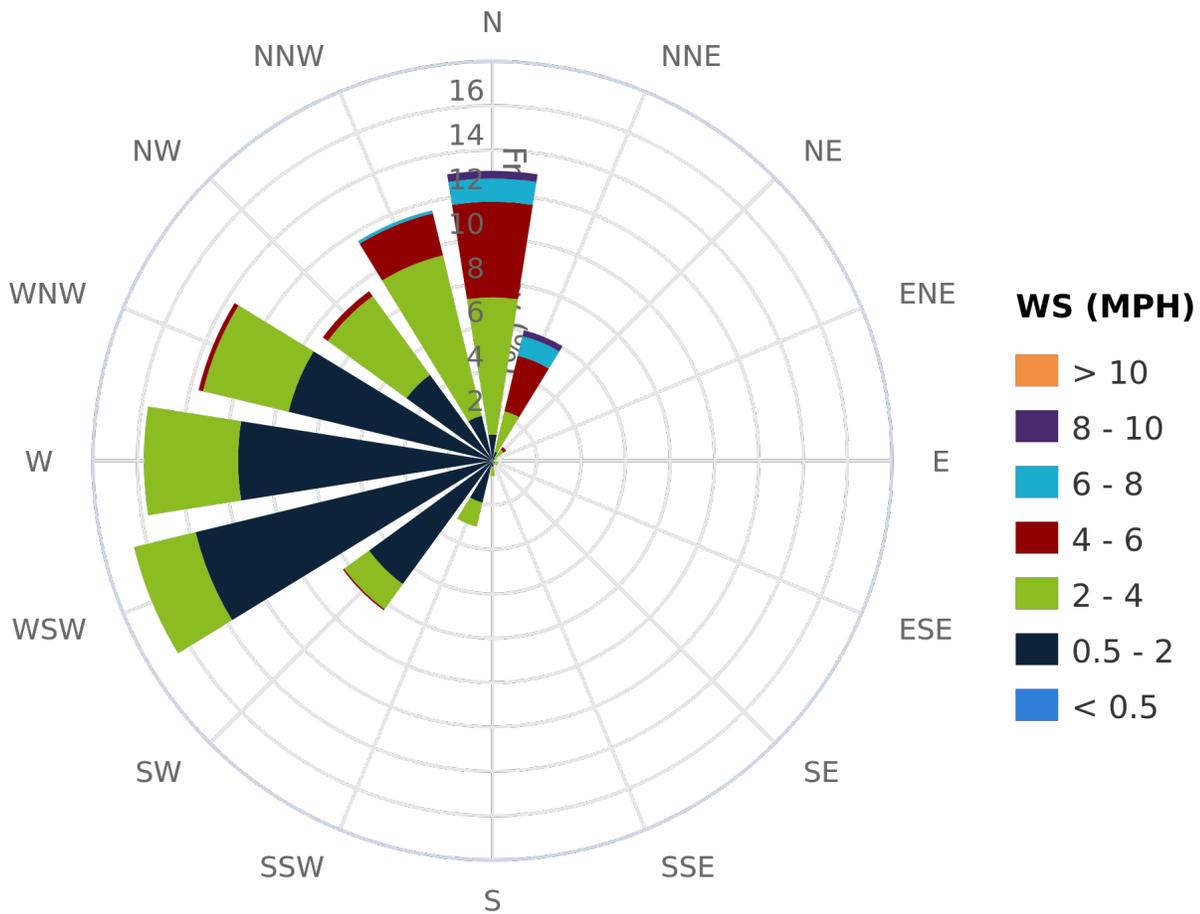


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

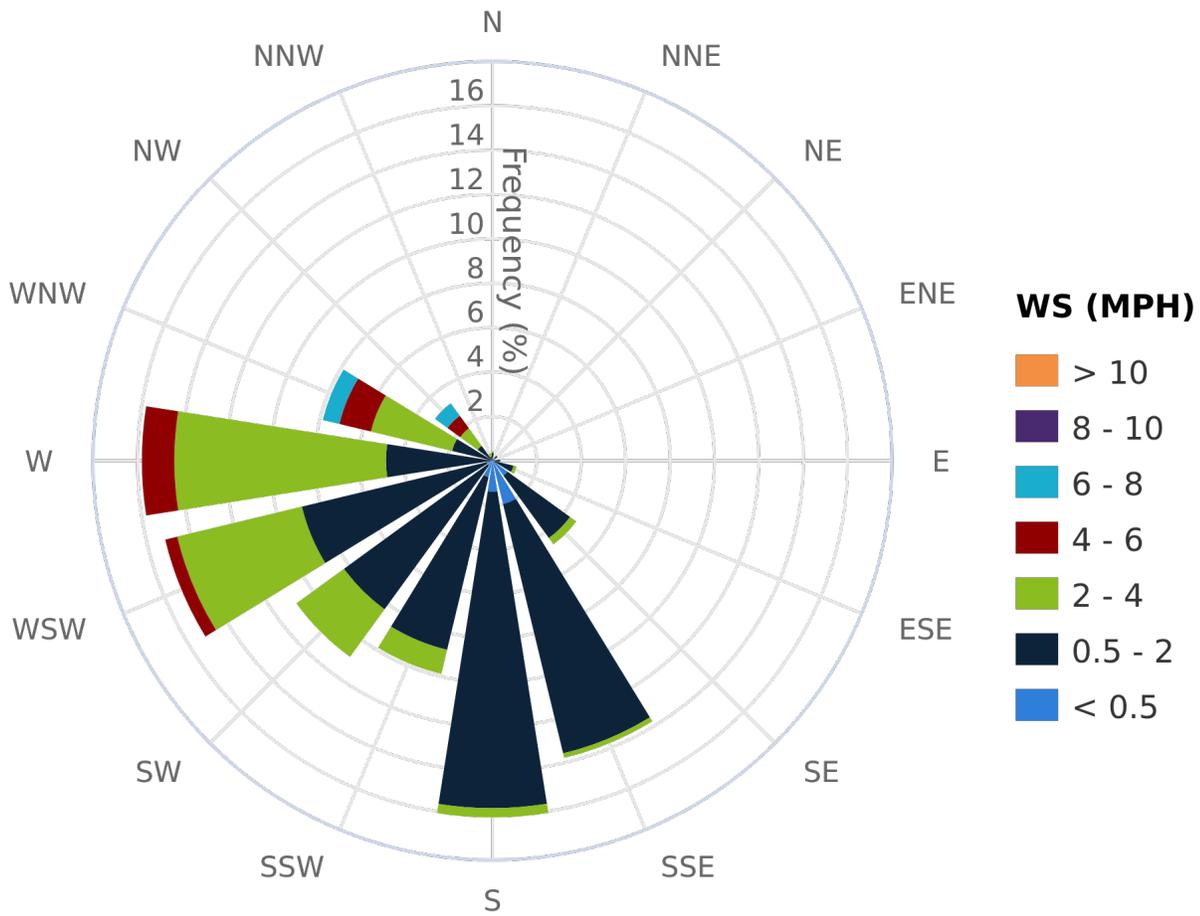


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

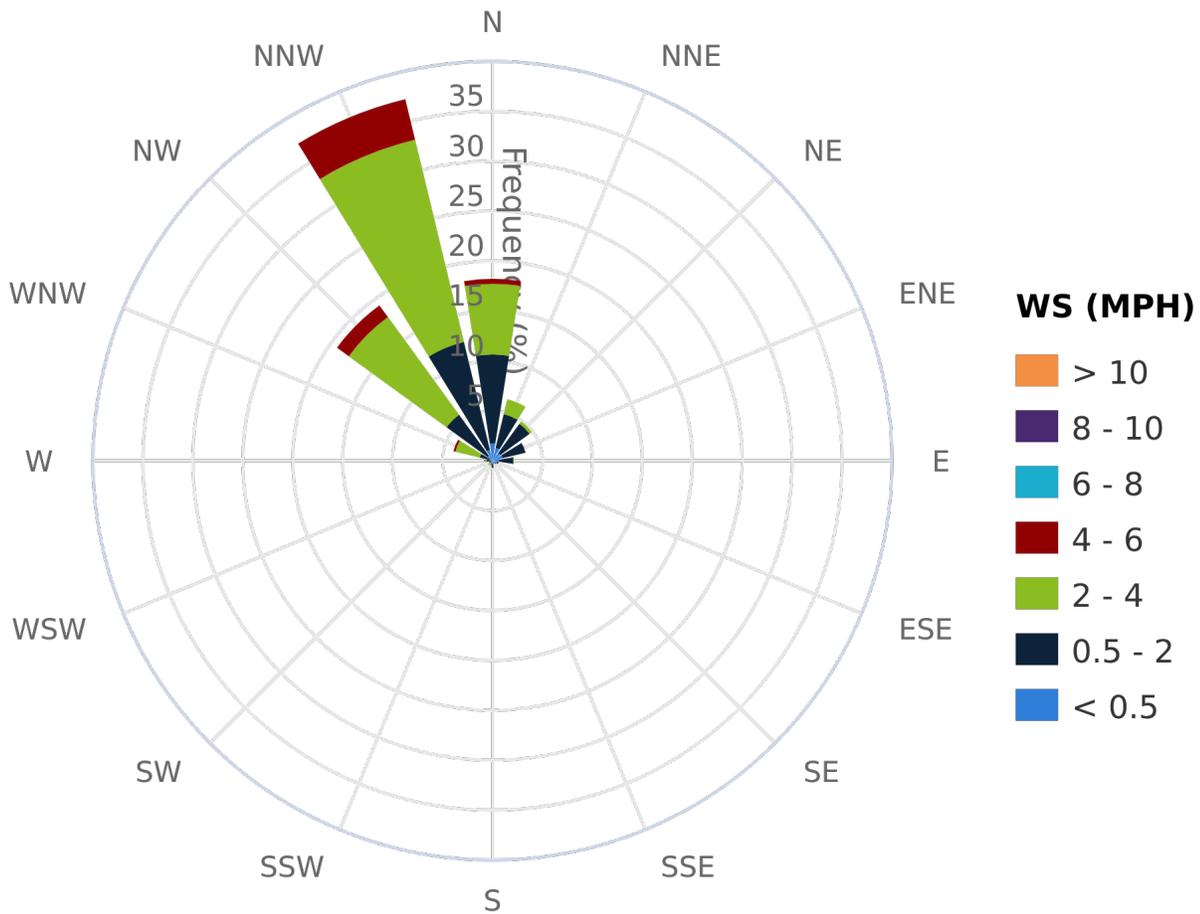


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	4.2	4.0	4.3	3.3	1.4	1.3	1.3	1.6	0.069	0.002	0.000	0.055
00:15:00	4.2	3.7	3.8	3.2	1.4	1.3	1.2	1.5	0.070	0.001	0.000	0.053
00:30:00	3.6	3.3	3.2	2.7	1.3	1.1	1.0	1.2	0.067	0.002	0.000	0.053
00:45:00	3.3	3.1	2.9	2.3	1.1	1.0	0.9	1.2	0.067	0.001	0.000	0.053
01:00:00	3.3	2.9	2.9	2.2	1.0	0.9	0.9	1.1	0.064	0.001	0.000	0.049
01:15:00	3.0	2.5	2.8	2.3	1.0	0.9	0.9	1.1	0.061	0.001	0.000	0.047
01:30:00	3.1	2.5	2.8	2.3	1.1	0.9	0.9	1.2	0.057	0.001	0.000	0.043
01:45:00	3.2	2.8	2.8	2.5	1.1	1.0	0.9	1.1	0.053	0.001	0.000	0.041
02:00:00	3.1	2.6	2.8	2.3	1.1	1.0	0.9	1.1	0.047	0.001	0.000	0.037
02:15:00	3.5	2.9	3.0	2.6	1.1	1.0	1.0	1.2	0.053	0.002	0.000	0.039
02:30:00	3.7	3.1	3.0	2.6	1.2	1.1	1.1	1.2	0.056	0.001	0.000	0.045
02:45:00	3.2	2.7	2.9	2.5	1.2	1.1	1.1	1.2	0.053	0.002	0.000	0.044
03:00:00	3.4	2.8	2.8	2.7	1.3	1.1	1.1	1.3	0.053	0.002	0.000	0.041
03:15:00	3.6	2.9	2.8	2.7	1.3	1.2	1.1	1.3	0.056	0.002	0.000	0.042
03:30:00	3.2	2.7	2.9	2.4	1.3	1.1	1.1	1.4	0.051	0.002	0.000	0.039
03:45:00	3.0	2.7	2.9	2.5	1.3	1.1	1.1	1.3	0.049	0.001	0.000	0.037
04:00:00	3.0	2.8	2.7	2.5	1.3	1.2	1.1	1.3	0.048	0.001	0.000	0.038
04:15:00	2.9	2.6	2.8	2.4	1.3	1.1	1.1	1.3	0.043	0.001	0.000	0.038
04:30:00	3.0	2.6	2.9	2.4	1.2	1.1	1.1	1.3	0.042	0.001	0.000	0.035
04:45:00	2.8	2.5	2.9	2.3	1.2	1.1	1.1	1.3	0.038	0.001	0.000	0.031
05:00:00	2.9	2.5	2.7	2.5	1.3	1.1	1.1	1.3	0.035	0.001	0.000	0.029
05:15:00	2.9	2.4	2.8	2.4	1.3	1.1	1.1	1.3	0.032	0.001	0.000	0.028
05:30:00	2.9	2.3	2.8	2.4	1.3	1.1	1.1	1.4	0.027	0.001	0.000	0.023
05:45:00	3.0	2.4	3.2	2.6	1.3	1.0	1.1	1.5	0.026	0.001	0.000	0.024
06:00:00	2.7	2.4	3.2	2.6	1.3	1.1	1.2	1.5	0.020	0.001	0.000	0.022
06:15:00	3.1	2.6	3.3	2.6	1.3	1.1	1.2	1.5	0.022	0.001	0.000	0.018
06:30:00	3.3	3.0	3.1	4.7	1.3	1.2	1.6	1.5	0.018	0.000	0.000	0.015
06:45:00	3.3	2.9	3.2	3.4	1.4	1.2	1.4	1.4	0.013	0.001	0.000	0.012
07:00:00	3.3	3.0	3.4	3.2	1.4	1.2	1.4	1.5	0.012	0.000	0.000	0.011
07:15:00	3.2	3.2	3.4	3.1	1.4	1.3	1.4	1.5	0.010	0.000	0.000	0.008
07:30:00	3.3	3.0	3.4	2.8	1.5	1.3	1.3	1.6	0.008	0.000	0.000	0.007
07:45:00	3.3	3.0	3.5	2.9	1.5	1.3	1.4	1.6	0.007	0.000	0.000	0.006
08:00:00	3.4	3.1	3.8	2.9	1.6	1.4	1.5	1.7	0.002	0.000	0.000	0.004
08:15:00	3.5	3.2	4.0	5.0	1.7	1.5	3.3	1.8	0.004	0.000	0.000	0.002
08:30:00	5.1	4.1	5.0	9.8	2.4	1.8	7.2	2.4	0.005	0.000	0.000	0.002
08:45:00	5.0	4.2	4.6	4.6	2.2	1.9	2.4	2.3	0.018	0.000	0.000	0.008
09:00:00	4.6	3.8	3.7	5.0	2.1	1.8	3.0	1.9	0.020	0.001	0.000	0.011
09:15:00	4.2	3.5	3.8	3.4	1.9	1.6	1.7	1.9	0.025	0.001	0.000	0.014
09:30:00	4.1	3.4	3.8	3.3	1.8	1.6	1.6	1.9	0.030	0.002	0.000	0.018
09:45:00	3.9	3.3	3.9	3.0	1.7	1.5	1.5	1.9	0.037	0.002	0.000	0.019
10:00:00	4.0	3.4	5.5	3.3	1.7	1.5	1.5	2.1	0.043	0.002	0.000	0.022
10:15:00	3.8	3.2	3.5	3.2	1.8	1.5	1.5	1.8	0.041	0.002	0.000	0.026
10:30:00	3.8	3.1	3.4	3.2	1.7	1.5	1.5	1.8	0.041	0.003	0.000	0.026
10:45:00	3.9	3.2	3.3	3.2	1.7	1.5	1.6	1.7	0.042	0.003	0.000	0.024
11:00:00	3.7	3.2	5.2	3.0	1.7	1.5	1.5	1.7	0.042	0.003	0.000	0.028
11:15:00	3.7	3.2	3.4	3.1	1.7	1.5	1.5	1.8	0.040	0.003	0.000	0.029
11:30:00	3.4	3.1	3.6	2.9	1.6	1.5	1.4	1.9	0.038	0.002	0.000	0.032
11:45:00	3.7	3.1	3.4	3.1	1.6	1.5	1.5	1.8	0.037	0.002	0.000	0.032



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12:00:00	4.0	3.1	3.3	3.0	1.6	1.5	1.4	1.7	0.033	0.002	0.000	0.035
12:15:00	3.6	2.8	3.2	2.9	1.5	1.4	1.4	1.7	0.026	0.002	0.000	0.038
12:30:00	3.7	3.4	3.3	3.3	1.8	1.6	1.6	1.8	0.023	0.001	0.000	0.036
12:45:00	4.2	3.6	3.9	3.4	2.2	2.0	1.9	2.3	0.007	0.001	0.000	0.037
13:00:00	5.9	4.4	4.3	4.0	2.7	2.7	2.5	2.7	0.000	0.001	0.000	0.034
13:15:00	4.6	4.1	4.8	4.3	2.6	2.5	2.5	3.0	0.000	0.000	0.000	0.032
13:30:00	4.9	4.2	5.0	4.3	2.8	2.6	2.6	3.2	0.000	0.000	0.000	0.026
13:45:00	4.8	4.3	4.7	4.2	2.7	2.5	2.5	3.1	0.000	0.000	0.000	0.018
14:00:00	4.8	4.4	4.9	4.3	2.7	2.6	2.6	3.0	0.000	0.000	0.000	0.004
14:15:00	4.2	3.7	4.2	3.9	2.3	2.1	2.1	2.4	0.000	0.000	0.000	0.000
14:30:00	3.7	3.5	3.6	3.2	1.8	1.8	1.8	2.0	0.000	0.000	0.000	0.000
14:45:00	3.4	3.2	3.3	3.0	1.7	1.7	1.6	1.7	0.000	0.000	0.000	0.000
15:00:00	3.5	3.1	3.0	3.5	1.6	1.6	1.5	1.6	0.000	0.000	0.000	0.000
15:15:00	3.4	2.8	3.2	2.8	1.5	1.3	1.5	1.7	0.000	0.000	0.000	0.000
15:30:00	3.3	2.7	2.9	2.9	1.5	1.2	1.4	1.5	0.000	0.000	0.000	0.000
15:45:00	3.2	2.6	3.1	2.7	1.3	1.2	1.2	1.5	0.000	0.000	0.000	0.000
16:00:00	3.1	2.5	2.7	2.7	1.4	1.2	1.3	1.3	0.000	0.000	0.000	0.000
16:15:00	4.1	3.5	4.0	3.8	2.4	2.0	2.3	1.7	0.000	0.000	0.000	0.000
16:30:00	6.5	7.3	4.2	5.0	4.6	5.6	3.4	2.6	0.000	0.000	0.000	0.000
16:45:00	11.7	9.4	9.2	8.2	7.7	7.7	6.8	7.3	0.000	0.000	0.000	0.000
17:00:00	12.0	13.2	10.2	9.7	9.4	11.3	8.1	8.6	0.000	0.000	0.000	0.000
17:15:00	12.0	13.2	12.6	10.0	9.9	11.5	8.1	10.6	0.000	0.000	0.000	0.000
17:30:00	12.0	11.7	10.4	8.9	8.9	9.9	7.3	8.7	0.000	0.000	0.000	0.000
17:45:00	7.9	8.8	7.5	6.6	5.9	7.1	5.1	6.0	0.000	0.000	0.000	0.000
18:00:00	6.3	6.3	7.4	5.9	4.4	4.6	4.2	5.3	0.000	0.000	0.000	0.000
18:15:00	5.5	5.1	5.4	4.6	3.5	3.5	3.1	3.7	0.000	0.000	0.000	0.000
18:30:00	4.4	4.0	4.6	4.2	2.6	2.6	2.7	3.2	0.000	0.000	0.000	0.000
18:45:00	7.5	3.6	4.6	4.0	2.6	2.0	2.3	3.2	0.000	0.000	0.000	0.000
19:00:00	10.6	3.3	4.1	3.6	2.5	1.8	1.9	2.5	0.000	0.000	0.000	0.000
19:15:00	9.0	3.3	3.8	3.4	2.9	1.8	1.9	2.3	0.000	0.000	0.000	0.001
19:30:00	4.8	3.4	10.6	4.9	2.3	1.9	3.2	8.2	0.000	0.000	0.000	0.002
19:45:00	5.0	3.5	5.1	4.6	2.3	1.9	2.7	3.3	0.000	0.000	0.000	0.002
20:00:00	4.8	3.5	5.2	11.8	2.2	2.0	9.5	3.4	0.000	0.000	0.000	0.006
20:15:00	5.3	3.7	5.1	8.1	3.3	2.0	5.8	3.3	0.000	0.000	0.000	0.004
20:30:00	17.2	3.5	4.7	7.3	13.3	2.0	5.0	2.9	0.000	0.000	0.000	0.006
20:45:00	7.3	3.9	4.4	4.7	5.1	2.3	3.0	2.8	0.001	0.000	0.000	0.004
21:00:00	4.3	5.0	4.1	5.6	2.5	3.4	3.8	2.5	0.002	0.000	0.000	0.001
21:15:00	4.6	4.9	4.3	4.2	2.7	3.1	2.6	2.5	0.001	0.000	0.000	0.001
21:30:00	5.4	4.6	4.2	4.6	3.4	2.7	2.8	2.5	0.001	0.000	0.000	0.000
21:45:00	5.6	4.7	4.2	4.7	3.5	2.7	2.8	2.6	0.003	0.001	0.000	0.000
22:00:00	5.4	4.5	4.7	4.2	3.3	2.6	2.6	2.9	0.000	0.000	0.000	0.000
22:15:00	6.4	4.4	4.3	4.1	3.2	2.7	2.6	2.7	0.000	0.000	0.000	0.000
22:30:00	4.8	4.3	4.2	4.5	3.0	2.6	2.8	2.6	0.000	0.000	0.000	0.000
22:45:00	4.7	4.3	3.9	4.0	2.9	2.6	2.5	2.4	0.000	0.000	0.000	0.001
23:00:00	4.5	3.8	3.9	3.6	2.6	2.3	2.2	2.4	0.000	0.000	0.000	0.004
23:15:00	4.0	3.5	3.7	3.3	2.2	2.0	1.9	2.2	0.000	0.000	0.000	0.004
23:30:00	3.8	3.6	3.6	3.2	2.1	2.0	1.8	2.2	0.000	0.000	0.000	0.002
23:45:00	3.9	3.4	3.6	3.2	2.2	2.0	1.9	2.3	0.000	0.000	0.000	0.002



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

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