



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-02-12

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.179 to 6.442	2943 NE	3277 NNE	2996 SW	2997 NW	Min : 50.36 Max : 86.72	Min : 33.10 Max : 87.30	Min : 29.07 Max : 30.33

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	19.3	149.1	6.4	22.2	0.004	0.039
2996	10.3	15.9	5.3	7.6	0.002	0.021
2997	10.6	24.3	5.5	8.8	0.003	0.034
3277	11.3	20.0	7.1	13.1	0.003	0.028



Figure 1 : Monitoring Locations

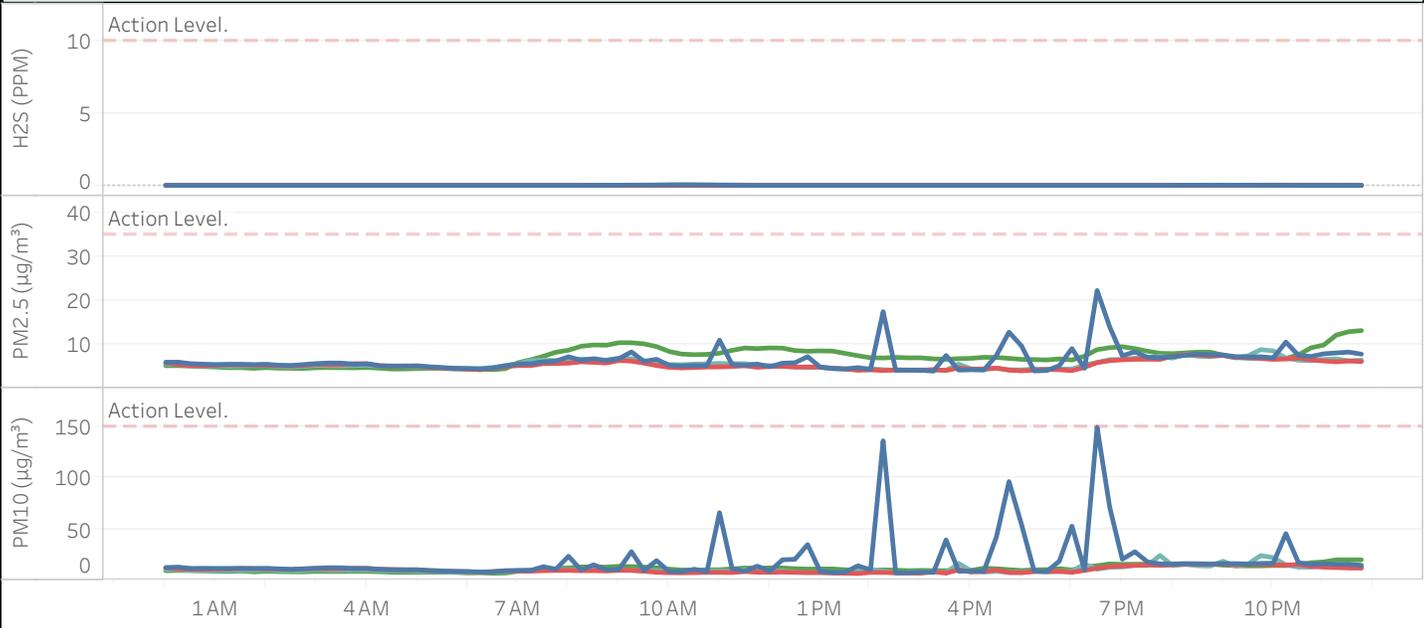


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3277



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Wind Rose Chart 2943

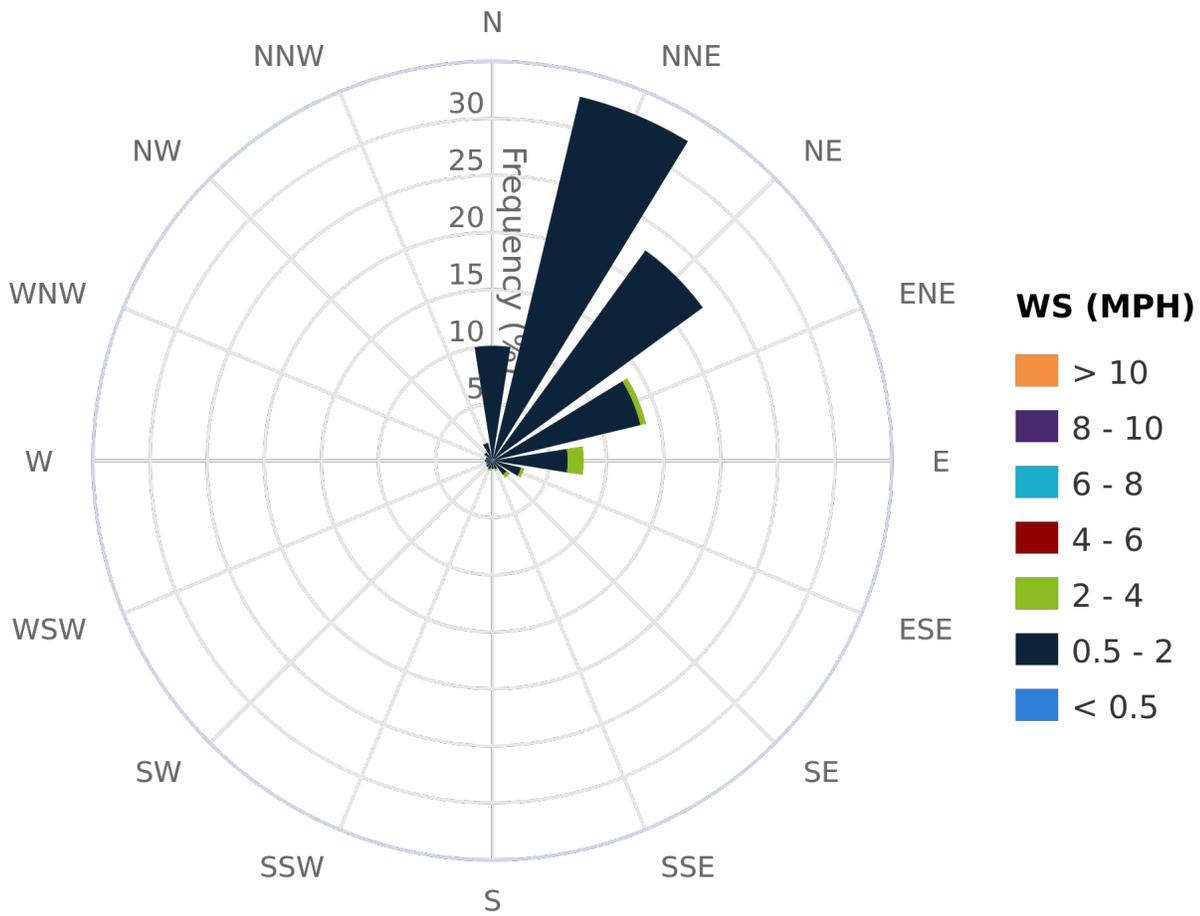


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

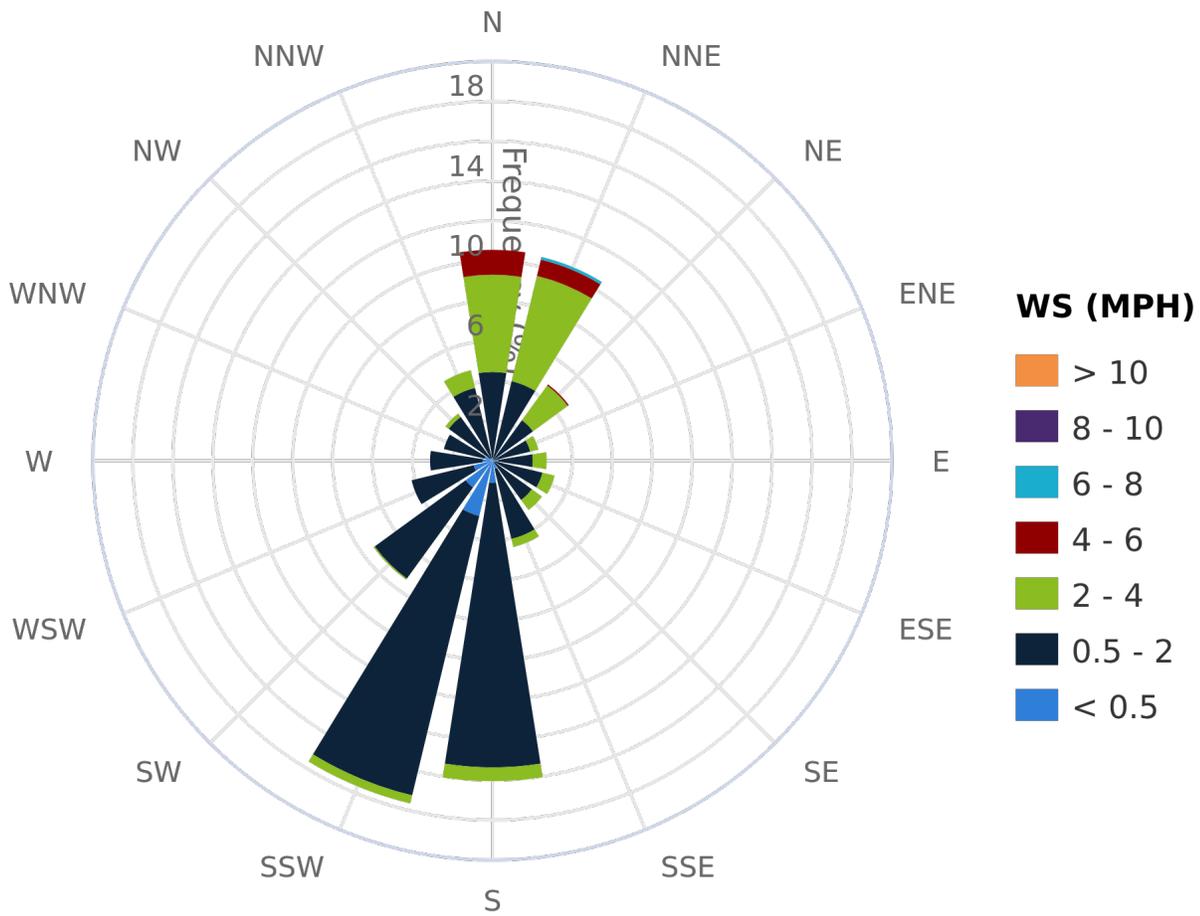


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

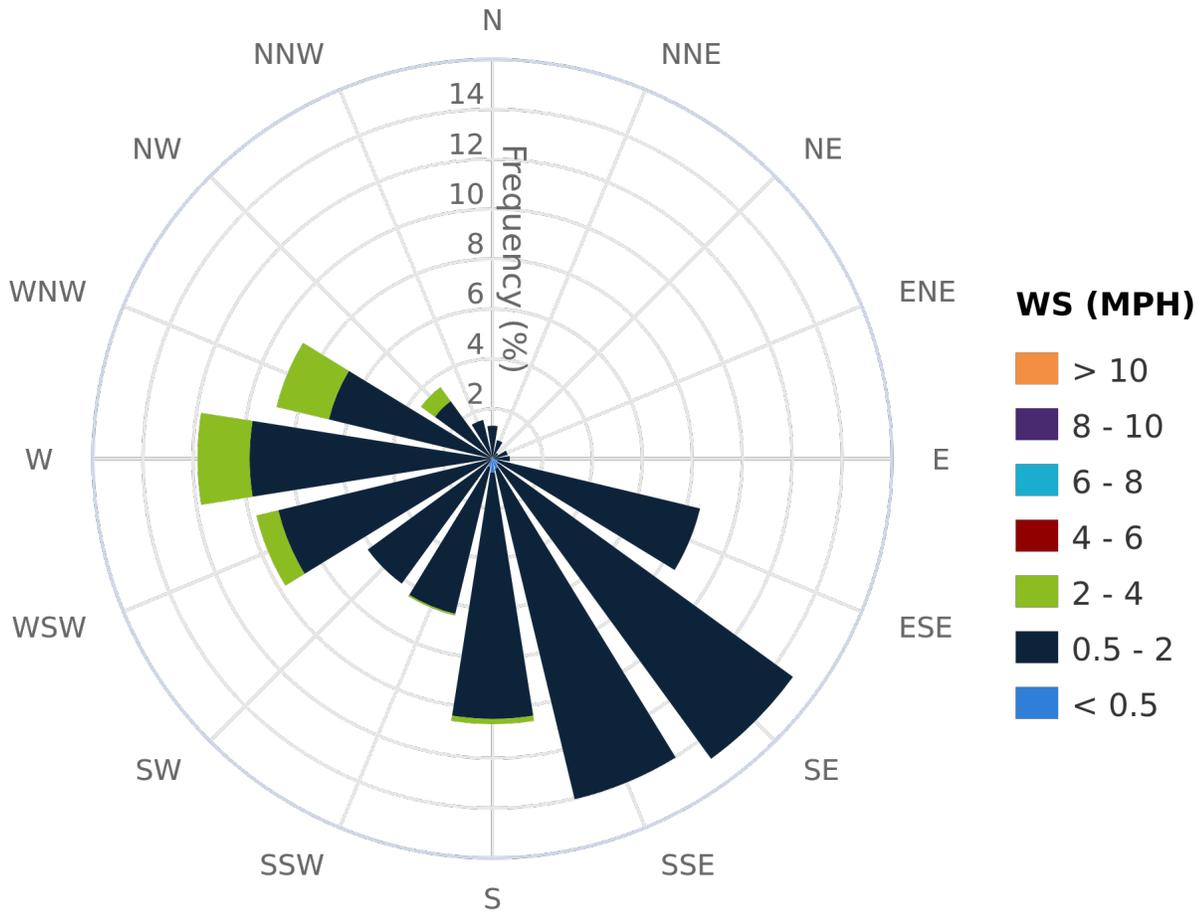


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

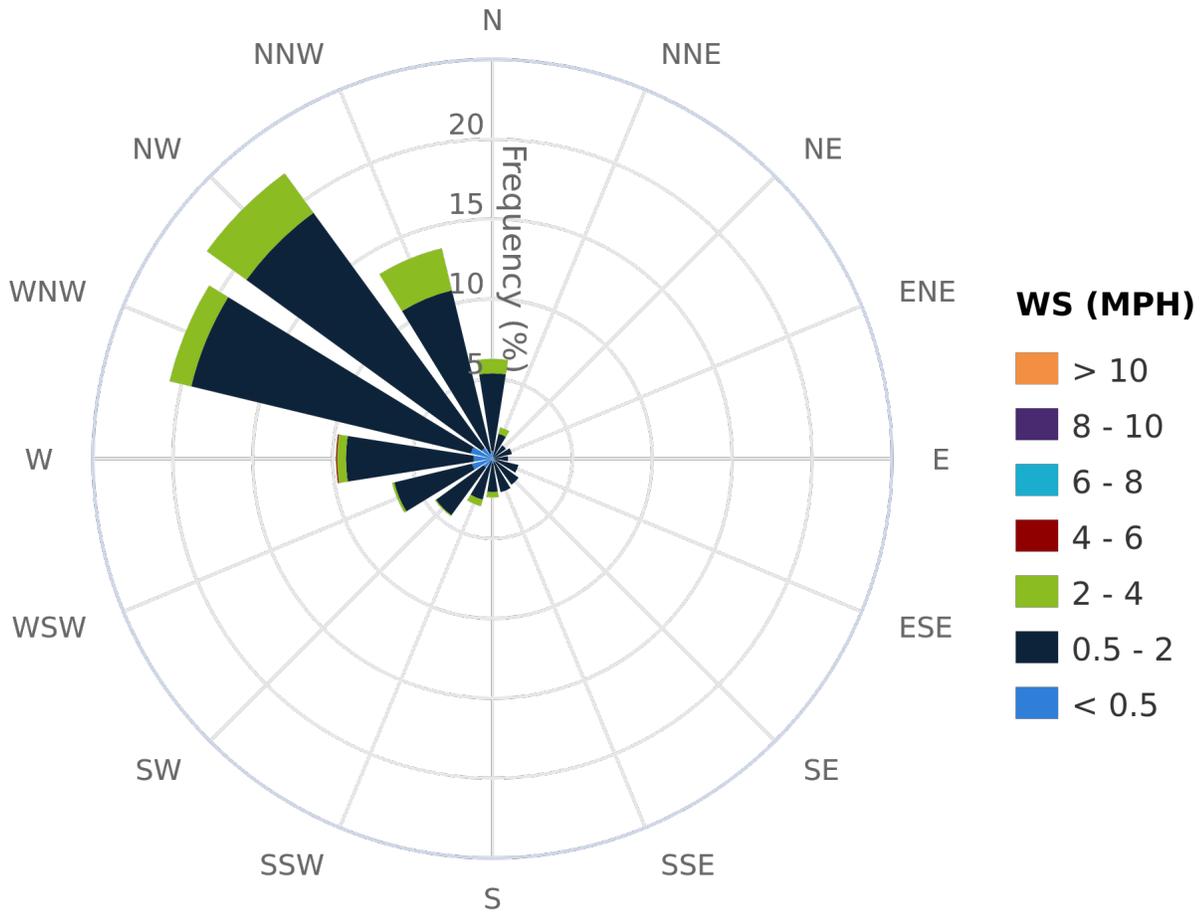


Figure 3 : Wind Rose Chart (WS in MPH)



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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	12.5	9.3	10.6	12.1	5.9	5.1	5.8	5.5	0.000	0.000	0.000	0.000
00:15:00	12.9	9.6	10.4	11.1	5.9	5.1	5.4	5.4	0.000	0.000	0.000	0.000
00:30:00	11.6	9.4	9.6	10.8	5.6	5.0	5.2	5.1	0.000	0.000	0.000	0.000
00:45:00	11.7	9.1	9.8	10.5	5.5	4.9	5.1	5.1	0.000	0.000	0.000	0.000
01:00:00	11.6	8.9	9.7	11.0	5.4	4.8	5.2	5.1	0.000	0.000	0.000	0.000
01:15:00	11.6	8.6	9.6	11.0	5.4	4.7	5.3	5.0	0.000	0.000	0.000	0.000
01:30:00	11.6	9.1	9.7	11.5	5.5	4.7	5.3	5.1	0.000	0.000	0.000	0.000
01:45:00	11.5	8.3	9.9	11.4	5.4	4.5	5.3	5.2	0.000	0.000	0.000	0.000
02:00:00	11.7	8.8	10.3	11.1	5.5	4.7	5.2	5.1	0.000	0.000	0.000	0.000
02:15:00	11.1	8.5	9.4	10.7	5.2	4.6	5.1	4.9	0.000	0.000	0.000	0.000
02:30:00	10.7	8.3	9.3	10.6	5.2	4.5	5.1	4.8	0.000	0.000	0.000	0.000
02:45:00	11.3	8.3	9.5	11.0	5.4	4.5	5.2	5.0	0.000	0.000	0.000	0.000
03:00:00	11.8	8.7	10.4	11.5	5.6	4.7	5.5	5.2	0.000	0.000	0.000	0.000
03:15:00	12.3	8.6	9.8	11.2	5.7	4.7	5.3	5.1	0.000	0.000	0.000	0.000
03:30:00	12.2	8.6	9.9	11.3	5.7	4.7	5.4	5.1	0.000	0.000	0.000	0.000
03:45:00	11.3	8.8	9.9	11.9	5.5	4.7	5.6	5.2	0.000	0.000	0.000	0.000
04:00:00	11.6	8.7	10.0	11.5	5.6	4.7	5.6	5.2	0.000	0.000	0.000	0.000
04:15:00	10.6	8.4	9.6	10.8	5.1	4.6	5.2	5.0	0.000	0.000	0.000	0.000
04:30:00	10.3	7.8	9.2	10.5	5.1	4.4	5.0	5.0	0.000	0.000	0.000	0.000
04:45:00	10.2	7.7	9.3	10.3	5.1	4.4	5.1	5.0	0.000	0.000	0.000	0.000
05:00:00	10.3	7.8	8.8	10.2	5.1	4.5	5.0	4.8	0.000	0.000	0.000	0.000
05:15:00	9.5	7.9	8.7	9.4	4.9	4.6	4.8	4.8	0.000	0.000	0.000	0.000
05:30:00	9.1	7.7	8.1	9.1	4.7	4.5	4.6	4.6	0.000	0.000	0.000	0.000
05:45:00	8.7	7.8	7.7	8.7	4.5	4.6	4.5	4.3	0.000	0.000	0.000	0.000
06:00:00	8.6	7.2	7.7	8.3	4.5	4.3	4.4	4.4	0.000	0.000	0.000	0.000
06:15:00	8.1	7.4	8.1	8.0	4.4	4.4	4.2	4.5	0.000	0.000	0.000	0.000
06:30:00	8.3	6.9	8.2	8.4	4.6	4.2	4.5	4.7	0.000	0.000	0.000	0.000
06:45:00	9.3	7.1	8.5	9.2	5.1	4.5	4.9	5.2	0.000	0.000	0.000	0.000
07:00:00	9.7	8.8	9.3	9.0	5.5	5.8	5.2	5.6	0.000	0.000	0.000	0.000
07:15:00	9.7	9.6	9.8	8.9	5.6	6.5	5.1	6.3	0.000	0.000	0.000	0.000
07:30:00	13.2	10.5	9.9	9.3	6.0	7.3	5.6	6.4	0.000	0.000	0.000	0.000
07:45:00	10.8	11.3	10.5	9.6	6.2	8.2	5.6	6.3	0.000	0.001	0.000	0.000
08:00:00	23.4	12.1	10.3	9.6	7.2	8.7	5.7	6.1	0.000	0.000	0.000	0.000
08:15:00	10.1	13.0	9.9	9.3	6.4	9.5	6.0	6.7	0.000	0.006	0.000	0.000
08:30:00	15.1	13.1	10.0	9.4	6.7	9.9	5.9	6.5	0.004	0.013	0.000	0.004
08:45:00	10.3	12.9	10.2	9.1	6.3	9.8	5.7	6.4	0.010	0.010	0.000	0.005
09:00:00	10.5	13.6	10.0	9.7	6.7	10.3	6.3	6.9	0.013	0.013	0.000	0.009
09:15:00	27.9	13.4	9.8	9.7	8.3	10.3	6.2	6.7	0.020	0.009	0.000	0.015
09:30:00	9.6	12.9	9.3	8.8	6.1	10.1	5.7	6.2	0.022	0.016	0.000	0.017
09:45:00	19.2	12.1	9.5	7.8	6.6	9.5	5.2	6.0	0.026	0.018	0.000	0.022
10:00:00	8.5	10.8	8.2	7.4	5.2	8.4	4.8	5.4	0.033	0.027	0.000	0.027
10:15:00	8.4	10.0	8.2	7.3	5.1	7.8	4.6	5.3	0.039	0.028	0.000	0.033
10:30:00	10.8	10.0	10.0	7.4	5.2	7.6	4.7	5.5	0.035	0.024	0.000	0.034
10:45:00	8.5	10.2	9.0	7.7	5.2	7.7	4.8	5.6	0.030	0.009	0.000	0.034
11:00:00	65.9	10.3	9.3	7.7	10.9	8.0	4.9	5.6	0.021	0.000	0.000	0.032
11:15:00	11.4	11.1	8.4	7.5	5.4	8.6	4.9	5.6	0.006	0.000	0.000	0.033
11:30:00	8.9	12.0	10.4	8.5	5.2	9.1	5.1	5.6	0.000	0.000	0.000	0.026
11:45:00	13.8	11.7	8.5	7.8	5.5	9.0	4.8	5.3	0.000	0.000	0.000	0.013



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12:00:00	8.9	12.1	8.5	7.8	4.9	9.2	4.9	5.1	0.000	0.000	0.000	0.000
12:15:00	20.0	12.0	9.2	8.0	5.7	9.1	5.0	5.1	0.000	0.000	0.000	0.000
12:30:00	20.5	11.3	7.9	7.7	5.8	8.6	4.8	4.8	0.000	0.000	0.000	0.000
12:45:00	34.8	10.9	7.5	7.5	7.2	8.4	4.8	4.7	0.000	0.000	0.000	0.000
13:00:00	8.7	11.0	7.5	7.6	4.8	8.5	4.8	4.7	0.000	0.000	0.000	0.000
13:15:00	7.6	11.0	7.4	7.1	4.5	8.4	4.6	4.5	0.000	0.000	0.000	0.000
13:30:00	8.0	10.3	7.9	6.8	4.4	7.9	4.4	4.4	0.000	0.000	0.000	0.000
13:45:00	14.1	9.9	9.4	6.6	4.7	7.4	4.1	4.4	0.000	0.000	0.000	0.000
14:00:00	10.2	9.6	10.6	7.7	4.3	6.9	4.2	4.5	0.000	0.000	0.000	0.000
14:15:00	135.9	10.1	9.1	7.6	17.4	6.9	4.0	4.2	0.000	0.000	0.000	0.000
14:30:00	7.3	9.8	7.1	7.3	4.1	7.0	4.2	4.1	0.000	0.000	0.000	0.000
14:45:00	7.3	9.4	7.4	7.1	4.1	6.9	4.2	4.1	0.000	0.000	0.000	0.000
15:00:00	7.9	9.6	8.0	6.9	4.1	6.9	4.0	4.2	0.000	0.000	0.000	0.000
15:15:00	7.7	9.5	8.6	8.3	3.9	6.7	4.3	4.2	0.000	0.000	0.000	0.000
15:30:00	39.3	9.3	7.5	7.0	7.4	6.6	4.1	4.1	0.000	0.000	0.000	0.000
15:45:00	8.9	9.8	16.4	10.3	4.1	6.7	4.6	5.5	0.000	0.000	0.000	0.000
16:00:00	9.0	9.7	9.2	8.0	4.2	6.8	4.3	4.4	0.000	0.000	0.000	0.000
16:15:00	8.9	11.8	8.0	8.7	4.1	7.0	4.4	4.3	0.000	0.000	0.000	0.000
16:30:00	42.3	11.2	8.7	10.0	7.5	7.0	4.6	4.5	0.000	0.000	0.000	0.000
16:45:00	96.2	10.4	7.7	7.6	12.8	6.8	4.1	4.2	0.000	0.000	0.000	0.000
17:00:00	54.2	9.5	7.8	7.4	9.6	6.6	4.0	4.2	0.000	0.000	0.000	0.000
17:15:00	8.9	10.2	9.0	8.5	3.9	6.5	4.1	4.4	0.000	0.000	0.000	0.000
17:30:00	8.6	10.4	8.1	8.7	4.0	6.4	4.3	4.3	0.000	0.000	0.000	0.000
17:45:00	18.6	11.3	8.5	8.7	5.1	6.7	4.2	4.4	0.000	0.000	0.000	0.000
18:00:00	52.7	10.1	8.8	7.8	9.0	6.4	4.0	4.4	0.000	0.000	0.000	0.000
18:15:00	10.2	12.9	15.8	9.6	4.5	7.3	4.8	5.3	0.000	0.000	0.000	0.000
18:30:00	149.1	14.2	10.8	11.8	22.2	8.8	5.8	5.9	0.000	0.000	0.000	0.000
18:45:00	71.3	15.9	12.8	13.3	14.0	9.2	6.3	6.5	0.000	0.000	0.000	0.000
19:00:00	20.5	15.5	12.9	13.9	7.4	9.4	6.5	6.5	0.000	0.004	0.000	0.000
19:15:00	27.8	15.7	14.5	14.5	8.3	9.0	6.6	6.8	0.000	0.004	0.000	0.000
19:30:00	18.0	15.6	14.4	15.0	7.1	8.4	6.6	6.9	0.000	0.007	0.000	0.000
19:45:00	16.0	15.0	24.3	14.5	6.9	7.9	6.6	7.3	0.000	0.013	0.000	0.000
20:00:00	16.0	15.1	14.2	15.3	7.2	7.9	7.3	6.9	0.003	0.017	0.000	0.004
20:15:00	16.3	15.8	15.4	15.9	7.5	8.0	7.6	7.7	0.010	0.013	0.000	0.005
20:30:00	16.2	15.7	14.2	15.7	7.8	8.2	7.6	7.3	0.016	0.016	0.002	0.005
20:45:00	15.9	15.8	13.9	15.7	7.7	8.2	7.4	7.2	0.018	0.015	0.007	0.007
21:00:00	16.3	14.8	18.6	15.8	7.6	7.5	7.4	7.6	0.019	0.011	0.014	0.005
21:15:00	16.3	14.3	13.7	15.2	7.2	7.0	7.0	6.9	0.017	0.014	0.016	0.004
21:30:00	15.9	14.0	15.9	15.5	7.1	6.8	7.0	7.4	0.016	0.012	0.020	0.001
21:45:00	16.5	14.1	24.1	15.4	7.2	6.8	6.7	8.8	0.012	0.005	0.021	0.000
22:00:00	16.7	14.4	22.1	14.9	6.9	6.8	6.6	8.5	0.009	0.001	0.021	0.000
22:15:00	45.5	14.4	15.0	14.9	10.5	6.8	6.7	6.9	0.006	0.002	0.021	0.000
22:30:00	17.1	15.2	12.8	15.3	7.5	7.6	6.9	6.4	0.001	0.000	0.020	0.000
22:45:00	15.6	17.1	12.9	13.6	7.2	9.2	6.5	6.3	0.000	0.000	0.020	0.000
23:00:00	16.2	17.9	14.1	12.8	7.8	9.8	6.2	6.6	0.000	0.000	0.021	0.000
23:15:00	15.5	19.9	15.2	12.3	8.0	12.1	6.0	6.7	0.000	0.000	0.017	0.000
23:30:00	15.7	20.0	12.3	12.0	8.2	12.9	6.2	6.2	0.000	0.000	0.018	0.000
23:45:00	14.6	19.9	12.0	12.0	7.8	13.1	6.1	6.4	0.000	0.000	0.015	0.000



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

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