



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-04-30

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.224 to 5.973	2943 SSE	3061 SSW	2996 NW	2997 NE	Min : 68.00 Max : 100.0	Min : 43.70 Max : 84.20	Min : 29.75 Max : 30.39

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	16.4	47.1	7.4	11.0	0.007	0.052
2996	13.9	17.6	7.1	9.3	0.006	0.045
2997	15.0	34.7	7.1	9.2	0.002	0.019
3061	13.5	56.2	6.9	13.8	0.001	0.008



Figure 1 : Monitoring Locations

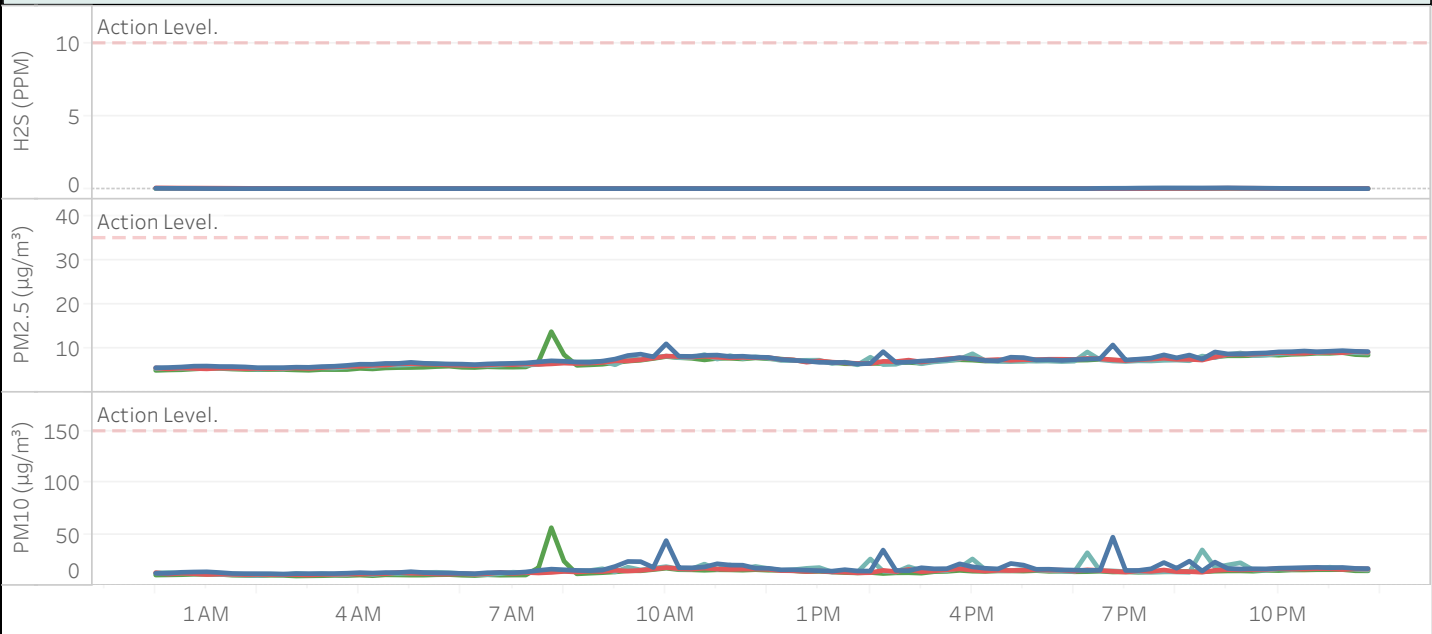


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

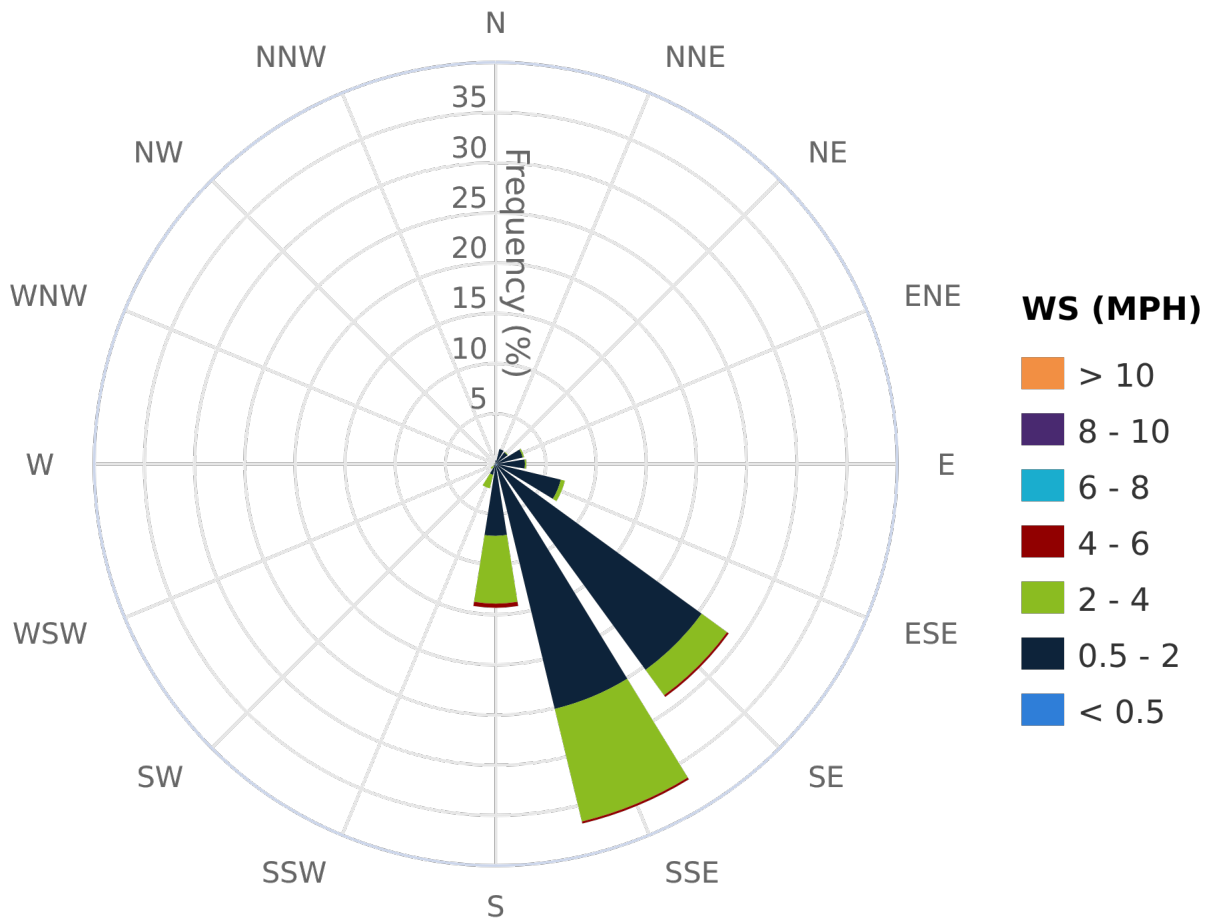


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-04-30

Wind Rose Chart 3061

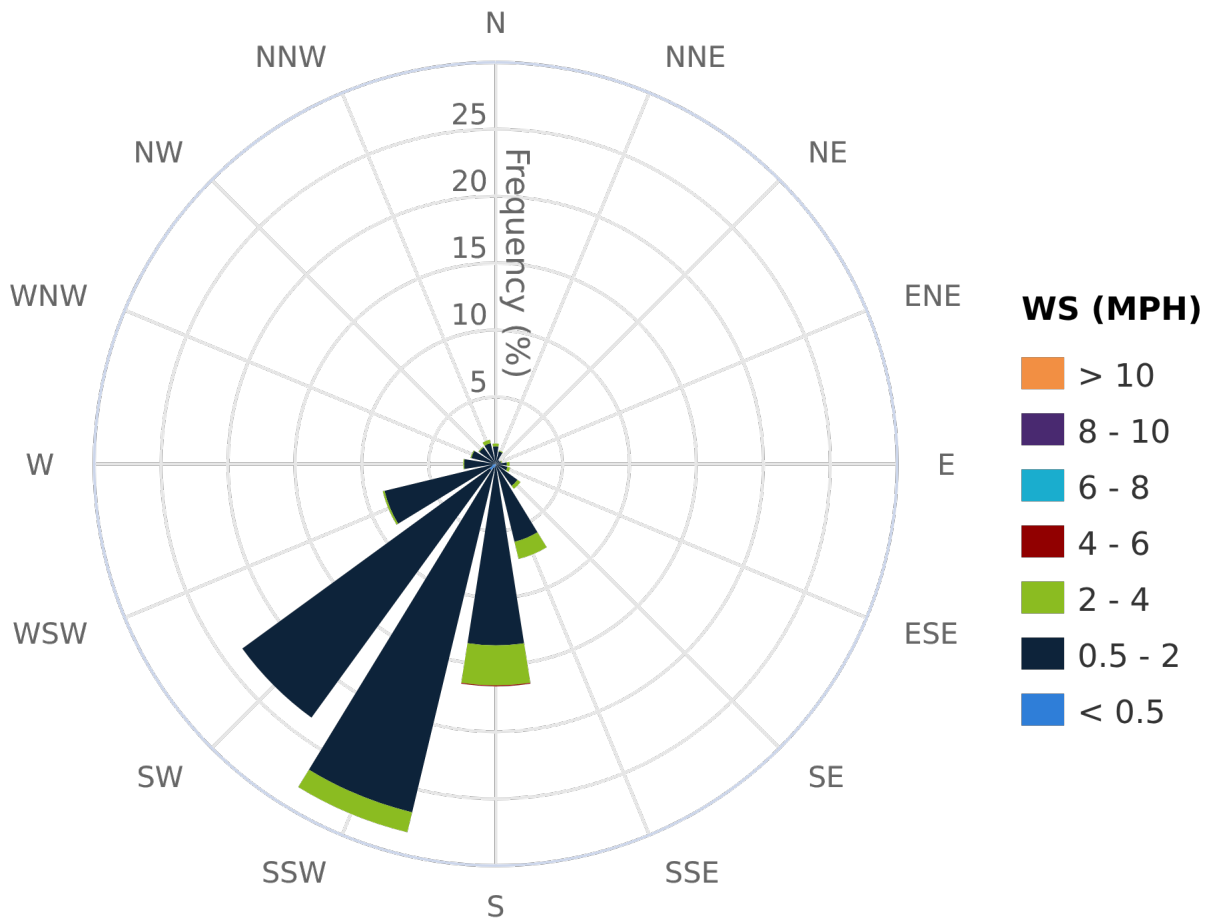


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2026-04-30

Wind Rose Chart 2996

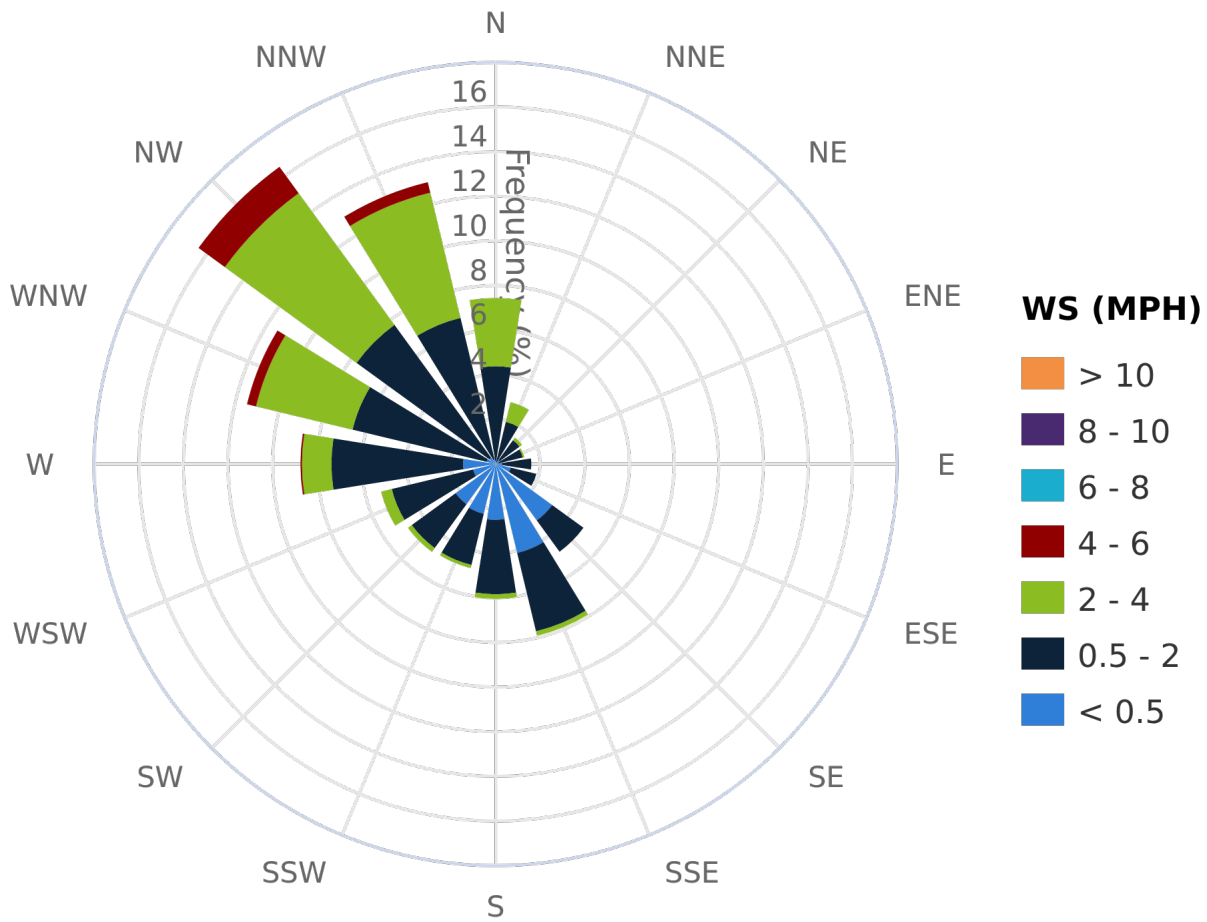


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

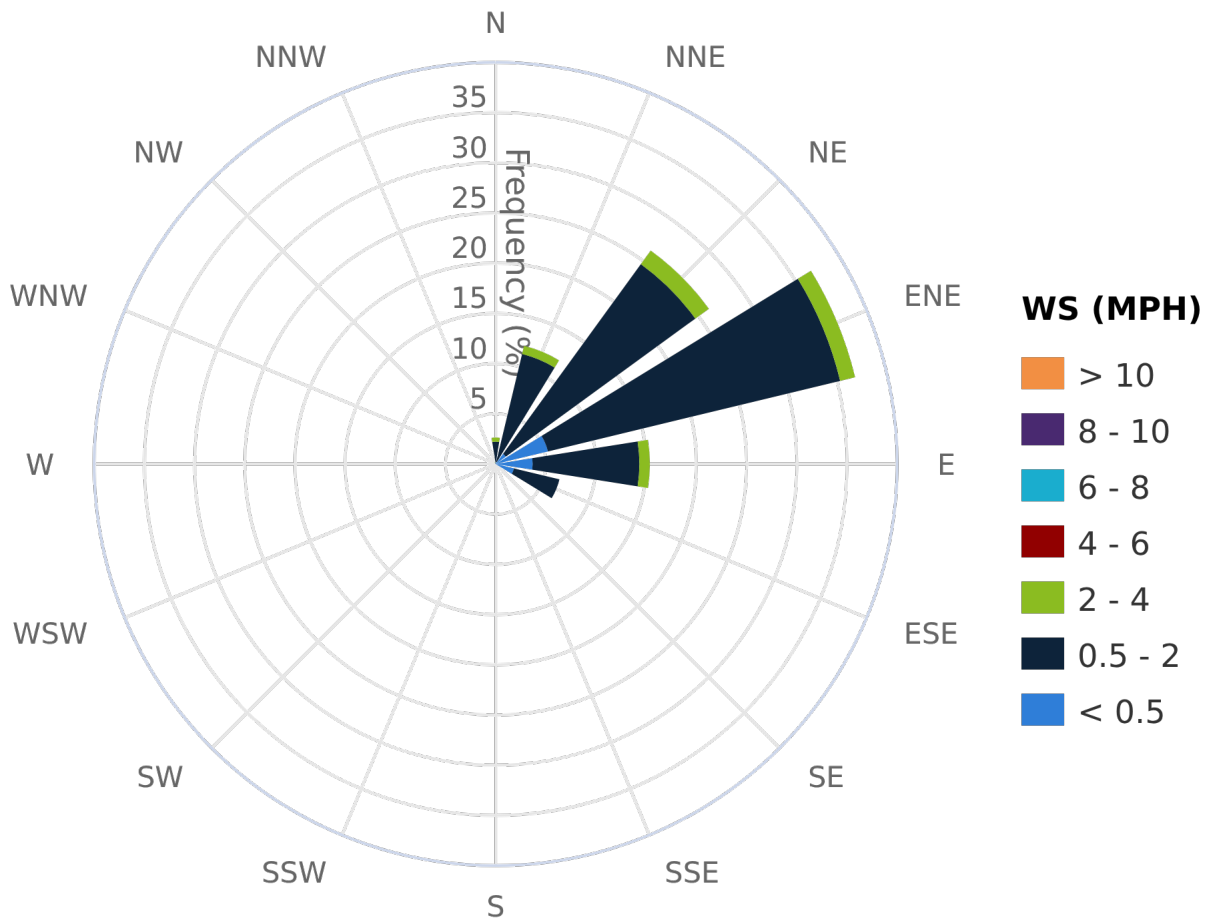


Figure 3 : Wind Rose Chart (WS in MPH)



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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	12.1	10.4	12.3	12.7	5.6	5.0	5.6	5.4	0.025	0.001	0.045	0.001
00:15:00	12.1	10.5	12.8	11.4	5.7	5.1	5.4	5.4	0.019	0.001	0.042	0.000
00:30:00	13.0	10.7	12.3	12.2	5.8	5.2	5.6	5.5	0.015	0.001	0.036	0.000
00:45:00	13.3	11.1	12.3	11.7	6.0	5.4	5.5	5.5	0.010	0.001	0.034	0.000
01:00:00	13.5	11.1	12.0	10.9	6.0	5.5	5.4	5.5	0.004	0.000	0.031	0.000
01:15:00	12.8	11.0	10.8	11.3	5.9	5.5	5.5	5.5	0.000	0.000	0.027	0.000
01:30:00	11.9	10.2	10.8	11.1	5.9	5.3	5.5	5.5	0.000	0.000	0.022	0.000
01:45:00	11.7	10.0	10.4	10.9	5.8	5.2	5.4	5.5	0.000	0.000	0.017	0.000
02:00:00	11.7	9.8	9.9	11.0	5.6	5.2	5.5	5.3	0.000	0.000	0.013	0.000
02:15:00	11.7	10.1	10.9	10.9	5.6	5.2	5.4	5.4	0.000	0.000	0.009	0.000
02:30:00	11.4	10.1	10.5	10.9	5.6	5.2	5.5	5.4	0.000	0.000	0.006	0.000
02:45:00	11.8	9.5	11.9	10.8	5.8	5.1	5.6	5.7	0.000	0.000	0.002	0.000
03:00:00	11.7	9.6	11.2	10.5	5.7	5.1	5.5	5.6	0.000	0.000	0.000	0.000
03:15:00	11.8	9.8	11.6	11.0	5.9	5.2	5.7	5.6	0.000	0.000	0.000	0.000
03:30:00	11.8	10.0	10.6	11.1	6.0	5.2	5.8	5.6	0.000	0.000	0.000	0.000
03:45:00	12.2	9.9	10.8	11.4	6.2	5.2	5.9	5.7	0.000	0.000	0.000	0.000
04:00:00	12.7	10.4	12.1	11.3	6.4	5.5	6.0	6.1	0.000	0.000	0.000	0.000
04:15:00	12.3	9.8	10.9	11.6	6.4	5.4	6.2	5.9	0.000	0.000	0.000	0.000
04:30:00	12.8	10.6	12.1	11.7	6.6	5.6	6.2	6.2	0.000	0.000	0.000	0.000
04:45:00	12.8	10.5	11.9	12.9	6.6	5.7	6.5	6.2	0.000	0.000	0.000	0.000
05:00:00	13.6	10.3	12.3	12.2	6.8	5.7	6.6	6.3	0.000	0.000	0.000	0.000
05:15:00	12.8	10.3	12.9	11.9	6.6	5.7	6.5	6.5	0.000	0.000	0.000	0.000
05:30:00	12.4	10.7	13.1	11.4	6.5	5.9	6.4	6.5	0.000	0.000	0.000	0.000
05:45:00	12.3	10.8	12.6	11.3	6.5	6.0	6.2	6.3	0.000	0.000	0.000	0.000
06:00:00	12.0	10.2	11.8	11.6	6.4	5.7	6.2	6.2	0.000	0.000	0.000	0.000
06:15:00	11.7	9.9	11.1	11.3	6.3	5.7	6.1	6.2	0.000	0.000	0.000	0.000
06:30:00	12.6	10.6	10.8	11.7	6.5	5.9	6.3	6.1	0.000	0.000	0.000	0.000
06:45:00	12.8	10.3	11.8	13.0	6.6	5.8	6.4	6.2	0.000	0.000	0.000	0.000
07:00:00	12.6	10.4	13.1	11.9	6.6	5.8	6.3	6.4	0.000	0.000	0.000	0.000
07:15:00	13.4	10.4	12.6	12.9	6.7	5.8	6.5	6.2	0.000	0.000	0.000	0.000
07:30:00	14.9	17.5	13.6	12.4	7.0	7.0	6.4	6.4	0.000	0.000	0.000	0.000
07:45:00	16.1	56.2	13.5	12.9	7.2	13.8	6.5	6.7	0.000	0.000	0.000	0.000
08:00:00	15.5	23.8	13.9	13.9	7.1	8.6	6.7	6.9	0.000	0.000	0.000	0.000
08:15:00	14.9	11.5	14.4	13.3	6.9	6.2	6.6	6.9	0.000	0.000	0.000	0.000
08:30:00	14.7	12.1	14.7	14.2	6.9	6.3	6.7	7.0	0.000	0.000	0.000	0.000
08:45:00	15.2	12.7	16.5	13.8	7.1	6.4	6.8	7.1	0.000	0.000	0.000	0.000
09:00:00	18.7	13.4	13.5	15.0	7.6	6.8	7.2	6.3	0.000	0.000	0.000	0.000
09:15:00	23.5	14.5	18.0	14.3	8.4	7.1	7.2	7.7	0.000	0.000	0.000	0.000
09:30:00	23.3	14.5	15.3	14.9	8.7	7.3	7.4	7.5	0.000	0.000	0.000	0.000
09:45:00	17.7	15.7	17.0	16.1	8.1	7.7	7.8	8.0	0.000	0.000	0.000	0.000
10:00:00	43.7	17.0	18.5	17.6	11.0	8.2	8.3	8.3	0.000	0.000	0.000	0.000
10:15:00	17.5	15.6	16.2	16.6	8.2	7.9	8.2	7.9	0.003	0.000	0.000	0.001
10:30:00	17.4	15.4	16.3	16.1	8.2	7.8	8.1	7.9	0.002	0.000	0.000	0.003
10:45:00	18.2	15.0	21.0	17.0	8.4	7.4	8.2	8.6	0.000	0.000	0.000	0.005
11:00:00	21.3	15.5	15.9	16.2	8.5	7.7	8.0	7.6	0.000	0.000	0.000	0.004
11:15:00	20.0	15.4	20.2	15.9	8.2	7.8	7.9	8.4	0.000	0.000	0.000	0.000
11:30:00	19.9	15.1	16.6	16.2	8.2	7.6	8.0	7.7	0.000	0.000	0.000	0.000
11:45:00	17.0	15.6	18.7	16.2	8.0	7.8	7.9	8.1	0.000	0.000	0.000	0.000



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12:00:00	16.9	15.0	16.7	16.0	8.0	7.7	7.9	7.8	0.000	0.000	0.000	0.000
12:15:00	15.4	15.0	15.0	14.7	7.5	7.6	7.5	7.3	0.000	0.000	0.000	0.000
12:30:00	15.5	14.5	15.5	14.5	7.3	7.3	7.4	7.3	0.000	0.000	0.000	0.000
12:45:00	15.0	13.7	16.9	13.8	7.1	7.0	6.9	7.3	0.000	0.000	0.000	0.000
13:00:00	14.6	14.0	17.6	14.3	6.9	7.1	7.2	7.3	0.000	0.000	0.000	0.000
13:15:00	14.2	13.4	13.3	13.4	6.8	6.8	6.9	6.6	0.000	0.000	0.000	0.000
13:30:00	15.6	12.8	14.6	13.2	6.8	6.5	6.7	6.9	0.000	0.000	0.000	0.000
13:45:00	14.3	12.5	13.3	12.5	6.5	6.5	6.6	6.3	0.000	0.000	0.000	0.000
14:00:00	14.2	12.9	25.9	12.7	6.6	6.6	6.6	8.0	0.000	0.000	0.000	0.000
14:15:00	34.6	11.9	14.1	14.9	9.3	6.6	7.1	6.3	0.000	0.000	0.000	0.000
14:30:00	14.9	12.5	13.3	13.7	6.8	6.8	7.0	6.4	0.000	0.000	0.000	0.000
14:45:00	14.6	12.6	18.5	15.8	6.9	6.8	7.3	7.2	0.000	0.000	0.000	0.000
15:00:00	17.4	12.2	14.7	13.7	7.1	6.7	6.9	6.5	0.000	0.000	0.000	0.000
15:15:00	16.4	13.7	14.4	14.5	7.3	7.1	7.3	7.0	0.000	0.000	0.000	0.000
15:30:00	16.6	13.9	14.7	15.5	7.5	7.3	7.7	7.2	0.000	0.000	0.000	0.000
15:45:00	21.2	14.9	17.4	16.4	7.9	7.4	7.8	7.6	0.000	0.000	0.000	0.000
16:00:00	18.3	14.1	26.0	15.1	7.6	7.3	7.7	8.8	0.000	0.000	0.000	0.000
16:15:00	16.9	13.9	15.6	14.3	7.3	7.1	7.3	7.2	0.000	0.000	0.000	0.000
16:30:00	16.3	14.4	14.7	15.0	7.2	7.2	7.5	7.1	0.000	0.000	0.000	0.000
16:45:00	21.6	14.4	14.6	14.7	8.0	7.2	7.3	7.0	0.000	0.000	0.000	0.000
17:00:00	20.0	14.2	15.8	15.0	7.9	7.1	7.5	7.2	0.000	0.000	0.000	0.000
17:15:00	15.9	14.7	15.2	15.5	7.4	7.4	7.4	7.1	0.000	0.000	0.000	0.000
17:30:00	16.0	14.0	14.6	15.2	7.4	7.2	7.5	7.2	0.000	0.000	0.000	0.000
17:45:00	15.4	14.1	14.1	15.1	7.3	7.2	7.5	7.0	0.000	0.000	0.000	0.000
18:00:00	15.1	13.6	13.8	14.2	7.5	7.3	7.5	7.1	0.000	0.000	0.000	0.000
18:15:00	14.9	13.7	32.0	15.4	7.6	7.4	7.7	9.2	0.002	0.002	0.000	0.001
18:30:00	15.0	14.1	14.5	14.8	7.7	7.5	7.6	7.4	0.018	0.004	0.000	0.009
18:45:00	47.1	13.4	14.4	14.0	10.8	7.4	7.4	7.2	0.021	0.006	0.000	0.012
19:00:00	14.9	13.5	13.7	13.3	7.4	7.2	7.2	7.0	0.024	0.006	0.000	0.011
19:15:00	14.8	13.1	13.5	14.6	7.6	7.4	7.5	7.2	0.035	0.007	0.002	0.015
19:30:00	16.4	13.4	13.2	14.0	7.8	7.4	7.6	7.2	0.041	0.008	0.008	0.016
19:45:00	22.5	13.5	13.7	15.2	8.5	7.5	7.8	7.3	0.046	0.008	0.014	0.019
20:00:00	17.0	13.8	13.3	13.7	7.9	7.5	7.5	7.4	0.045	0.008	0.016	0.017
20:15:00	23.9	13.8	13.1	13.6	8.5	7.5	7.5	7.2	0.044	0.008	0.015	0.018
20:30:00	14.3	13.6	34.7	13.2	7.6	7.6	7.4	8.3	0.042	0.008	0.018	0.018
20:45:00	22.9	14.1	17.8	14.9	9.2	8.1	8.1	7.9	0.045	0.008	0.022	0.017
21:00:00	16.7	14.4	20.1	15.6	8.7	8.3	8.6	8.6	0.052	0.007	0.027	0.018
21:15:00	16.2	14.4	22.3	15.4	8.7	8.3	8.7	8.9	0.040	0.007	0.026	0.013
21:30:00	16.5	14.1	15.3	15.7	8.9	8.4	8.7	8.4	0.033	0.005	0.024	0.007
21:45:00	16.3	14.9	15.1	15.9	9.0	8.6	8.8	8.4	0.024	0.005	0.019	0.006
22:00:00	17.0	14.7	16.3	16.6	9.2	8.5	9.1	8.8	0.018	0.004	0.017	0.001
22:15:00	17.2	15.3	16.0	16.2	9.2	8.7	8.9	8.9	0.011	0.003	0.015	0.000
22:30:00	17.6	15.3	16.7	16.2	9.4	8.7	8.9	9.0	0.005	0.002	0.011	0.000
22:45:00	17.8	15.6	16.9	16.6	9.2	8.9	9.1	9.0	0.002	0.002	0.011	0.000
23:00:00	17.5	15.6	18.0	16.5	9.4	8.9	9.1	9.2	0.000	0.002	0.008	0.000
23:15:00	17.7	15.7	16.9	15.8	9.5	9.0	9.0	9.1	0.000	0.001	0.007	0.000
23:30:00	16.8	14.5	15.9	16.4	9.3	8.6	9.3	9.0	0.000	0.000	0.005	0.000
23:45:00	16.6	14.5	15.3	16.3	9.3	8.5	9.1	8.9	0.000	0.000	0.004	0.000



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

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