



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-03-11

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.134 to 7.874	2943 SSE	3061 S	2996 WSW	2997 S	Min : 58.46 Max : 99.14	Min : 36.80 Max : 83.50	Min : 29.77 Max : 48.13

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	17.8	79.1	7.2	14.0	0.021	0.121
2996	15.0	51.1	7.0	12.5	0.023	0.108
2997	14.9	24.5	6.6	9.6	0.007	0.051
3061	13.2	18.9	6.1	8.0	0.002	0.011



Figure 1 : Monitoring Locations



Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

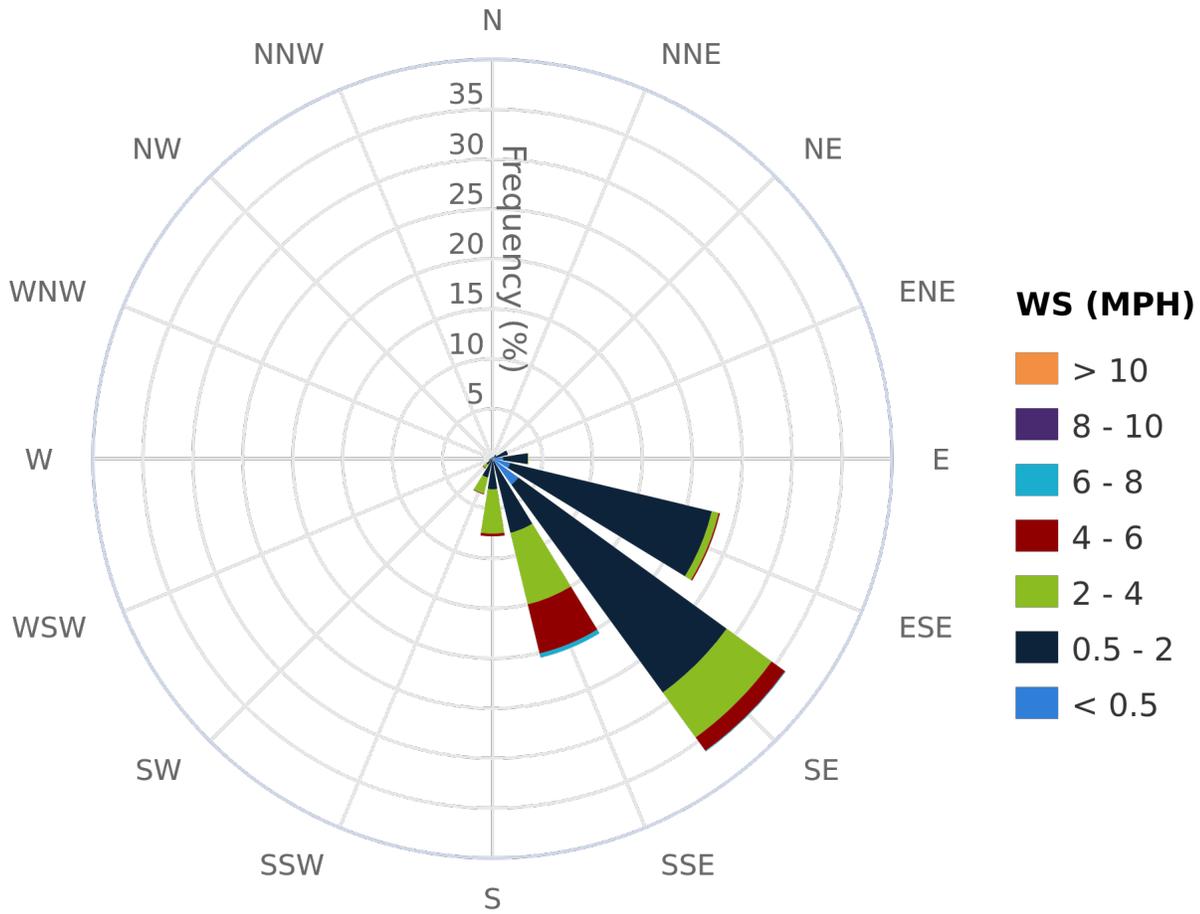


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

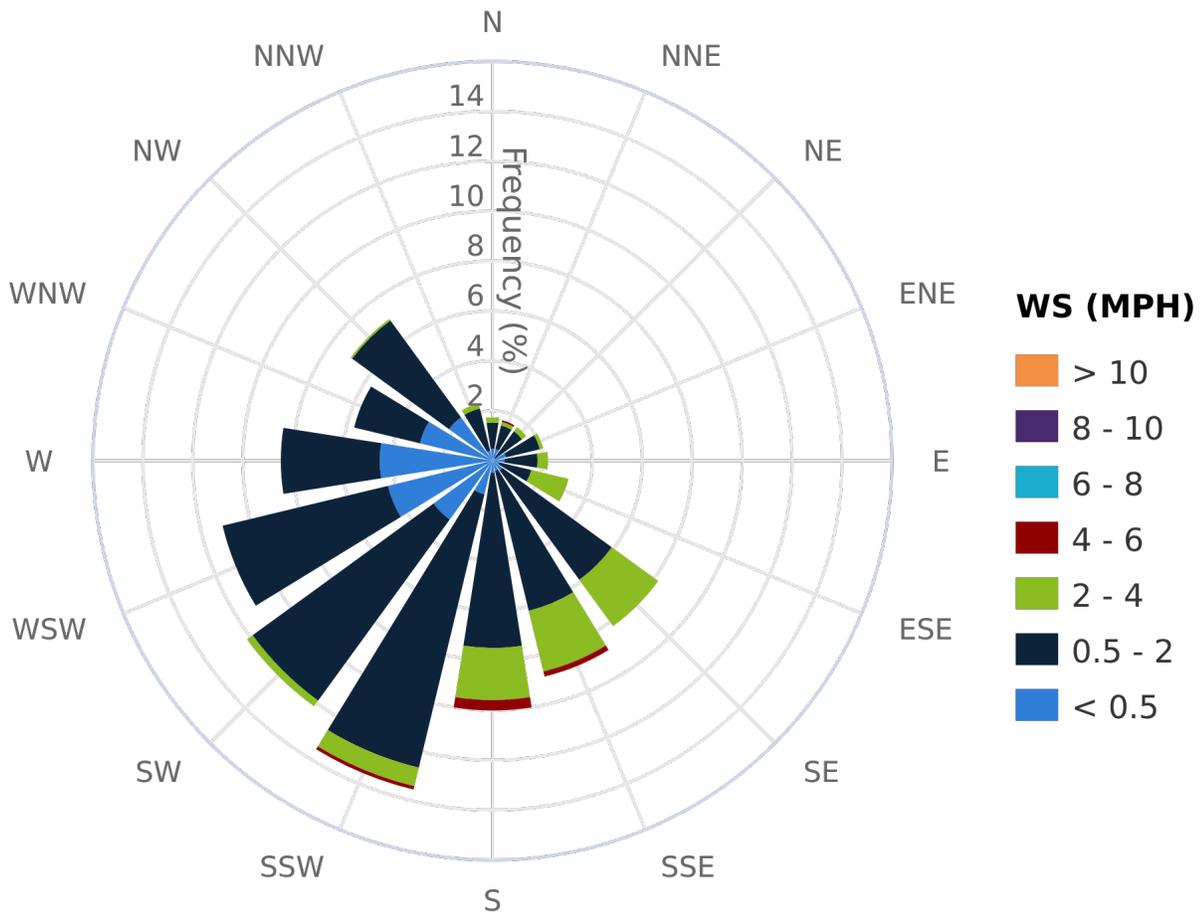


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

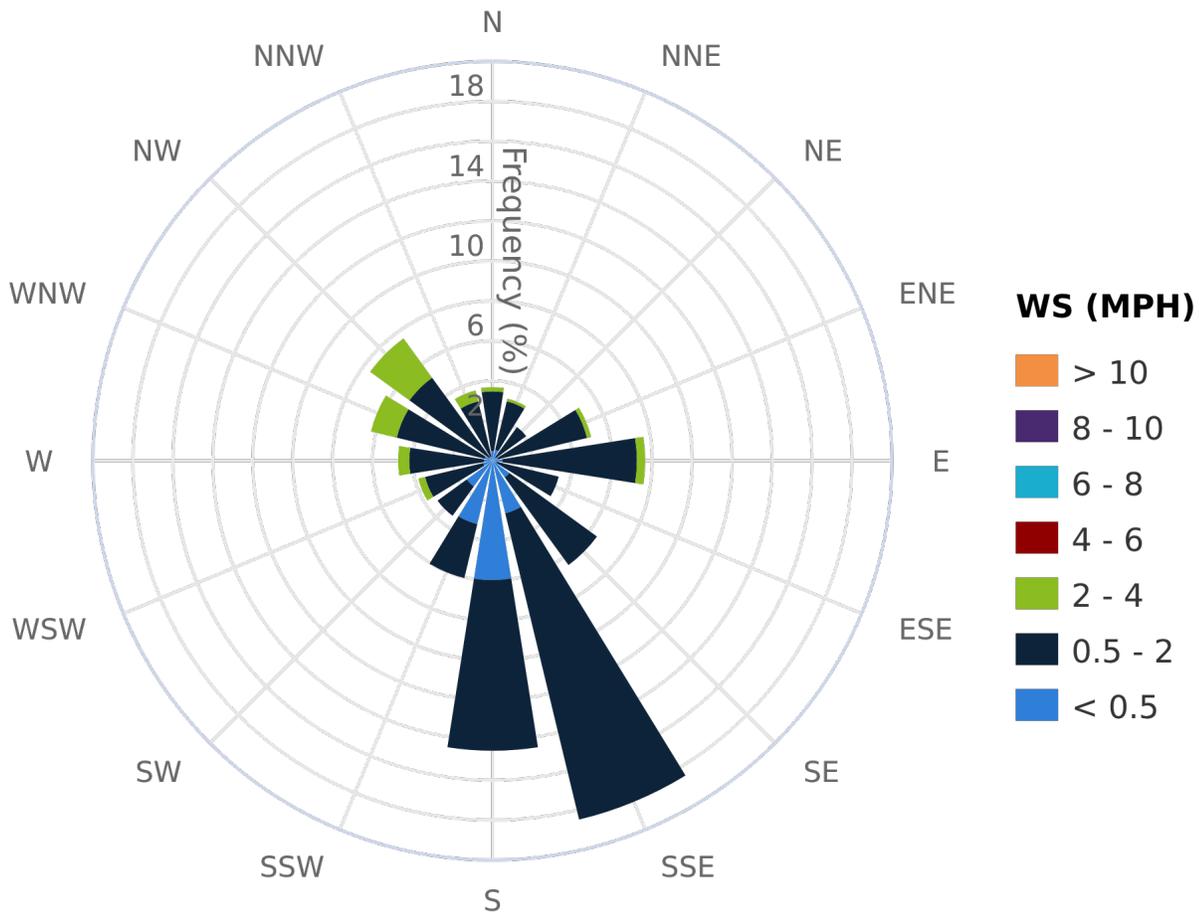


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

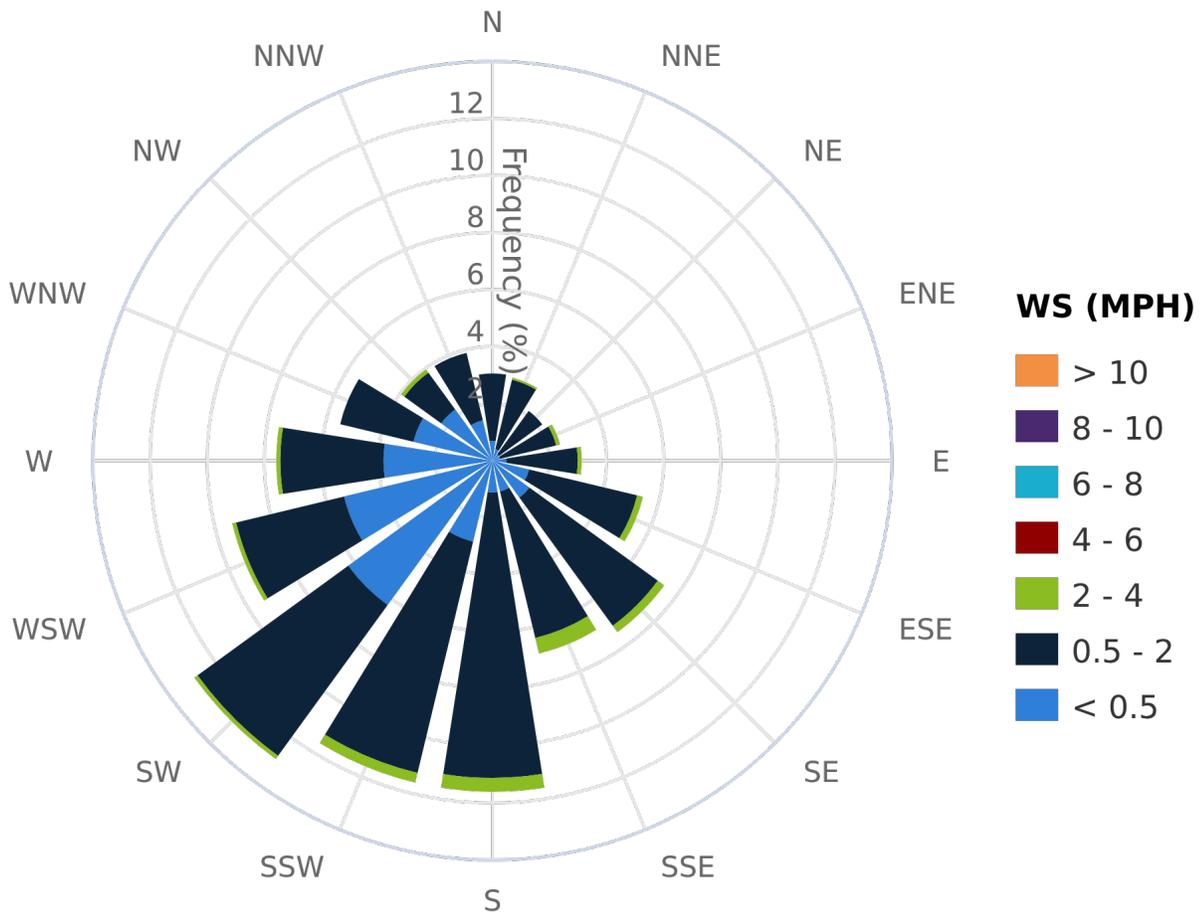


Figure 3 : Wind Rose Chart (WS in MPH)



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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	16.3	16.9	19.5	16.1	6.2	5.6	6.9	6.0	0.082	0.004	0.071	0.021
00:15:00	20.7	13.4	20.8	16.3	6.5	5.5	7.2	6.3	0.079	0.004	0.067	0.019
00:30:00	15.3	15.0	16.0	14.3	6.0	5.6	6.5	5.7	0.071	0.004	0.069	0.015
00:45:00	13.6	17.2	15.5	14.8	6.0	5.8	6.5	5.7	0.066	0.004	0.065	0.012
01:00:00	13.9	18.9	18.8	15.4	6.2	5.8	7.0	6.0	0.060	0.003	0.059	0.008
01:15:00	14.5	17.7	17.8	14.8	6.6	5.8	7.1	5.8	0.052	0.002	0.055	0.002
01:30:00	14.4	11.4	23.7	17.4	6.7	5.5	7.7	6.4	0.047	0.003	0.051	0.000
01:45:00	12.6	13.0	13.1	16.2	6.1	5.5	7.4	5.4	0.040	0.001	0.047	0.000
02:00:00	12.5	16.0	14.5	13.5	6.3	5.8	6.8	5.8	0.033	0.001	0.042	0.000
02:15:00	14.1	16.7	21.8	13.9	7.2	5.8	7.0	6.2	0.028	0.001	0.038	0.000
02:30:00	14.1	12.4	15.7	13.5	7.4	5.6	6.6	5.8	0.021	0.000	0.037	0.000
02:45:00	14.2	12.1	14.1	13.8	7.2	5.5	6.5	5.6	0.017	0.000	0.034	0.000
03:00:00	14.0	13.0	14.1	13.8	7.2	5.5	6.4	5.6	0.011	0.000	0.029	0.000
03:15:00	14.2	12.3	20.8	13.2	7.0	5.6	6.4	6.3	0.008	0.000	0.026	0.000
03:30:00	13.7	17.4	14.0	13.5	7.1	5.8	6.3	5.8	0.004	0.000	0.022	0.000
03:45:00	14.3	11.4	14.2	13.1	7.1	5.4	6.2	6.0	0.000	0.000	0.020	0.000
04:00:00	14.4	11.9	13.0	13.5	7.2	5.6	6.6	6.0	0.000	0.000	0.017	0.000
04:15:00	14.3	12.6	14.3	13.8	7.3	5.7	6.9	6.3	0.000	0.000	0.014	0.000
04:30:00	16.0	11.8	24.5	13.0	7.4	5.7	6.6	7.5	0.000	0.000	0.014	0.000
04:45:00	18.4	13.3	16.1	13.6	7.8	5.9	7.0	7.0	0.000	0.000	0.011	0.000
05:00:00	16.1	12.0	16.6	13.6	7.5	5.9	6.9	7.3	0.000	0.000	0.008	0.000
05:15:00	34.0	11.2	16.3	13.4	9.5	5.8	7.0	7.2	0.000	0.000	0.007	0.000
05:30:00	16.4	14.2	18.0	13.5	7.8	5.9	7.1	7.3	0.000	0.000	0.008	0.000
05:45:00	46.9	12.7	23.2	13.5	10.0	5.9	7.0	7.9	0.000	0.000	0.006	0.000
06:00:00	32.1	12.2	16.5	13.1	8.7	5.9	6.8	7.4	0.000	0.000	0.005	0.000
06:15:00	14.2	12.1	18.7	12.9	7.0	6.0	6.8	7.4	0.000	0.000	0.003	0.000
06:30:00	55.0	13.1	15.5	12.9	11.6	6.0	6.9	7.2	0.000	0.000	0.002	0.000
06:45:00	13.3	11.9	15.7	12.9	6.9	6.1	6.8	7.2	0.000	0.000	0.000	0.000
07:00:00	12.6	13.3	14.3	12.5	6.8	6.1	6.6	7.1	0.000	0.000	0.001	0.000
07:15:00	12.6	12.7	15.7	12.8	6.6	6.0	6.6	7.1	0.000	0.000	0.001	0.000
07:30:00	11.7	14.7	14.3	13.1	6.5	6.0	6.6	7.0	0.000	0.000	0.000	0.000
07:45:00	12.0	15.0	13.7	16.9	6.3	6.2	7.0	7.1	0.000	0.000	0.000	0.000
08:00:00	12.4	13.8	14.4	32.7	6.3	6.2	8.7	7.4	0.000	0.000	0.000	0.000
08:15:00	13.0	11.8	15.6	51.1	6.6	6.0	12.3	8.0	0.000	0.000	0.000	0.000
08:30:00	79.1	12.1	16.9	39.8	14.0	6.3	12.5	8.2	0.000	0.000	0.000	0.000
08:45:00	18.8	12.0	24.3	32.1	8.2	6.4	11.8	9.5	0.000	0.000	0.000	0.000
09:00:00	24.0	13.4	23.6	23.8	9.5	6.6	10.1	9.6	0.000	0.000	0.000	0.000
09:15:00	21.0	15.2	20.1	18.3	9.1	7.3	8.9	9.5	0.000	0.000	0.000	0.000
09:30:00	19.3	15.2	17.6	17.1	8.8	7.6	8.3	8.6	0.000	0.000	0.000	0.000
09:45:00	18.2	15.6	16.4	16.3	8.5	7.6	7.9	8.0	0.000	0.000	0.000	0.000
10:00:00	17.9	15.3	17.2	16.0	8.4	7.4	7.9	8.1	0.000	0.000	0.000	0.000
10:15:00	17.9	15.6	15.7	15.8	8.3	7.5	7.7	7.7	0.000	0.000	0.000	0.000
10:30:00	18.3	16.2	15.6	16.0	8.3	8.0	7.8	7.7	0.000	0.000	0.000	0.000
10:45:00	32.0	16.0	15.2	15.3	10.3	7.9	7.7	7.6	0.000	0.000	0.000	0.000
11:00:00	17.5	14.9	14.1	16.3	8.3	7.5	7.8	7.0	0.002	0.000	0.000	0.000
11:15:00	17.0	15.1	15.0	16.0	7.9	7.3	7.7	7.6	0.002	0.000	0.000	0.000
11:30:00	16.8	14.9	14.7	16.5	7.8	7.4	7.8	7.4	0.000	0.000	0.000	0.003
11:45:00	16.2	14.1	14.4	14.9	7.7	7.0	7.4	7.1	0.000	0.000	0.000	0.003



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	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)
12:00:00	15.8	13.9	13.8	15.1	7.4	6.9	7.4	6.9	0.000	0.000	0.000	0.000
12:15:00	15.3	14.0	14.1	14.0	7.3	7.0	7.1	6.9	0.000	0.000	0.000	0.000
12:30:00	14.9	13.8	13.6	13.9	7.0	6.6	6.7	6.6	0.000	0.000	0.000	0.000
12:45:00	15.1	12.8	12.5	12.0	6.8	6.3	6.0	6.3	0.000	0.000	0.000	0.000
13:00:00	13.4	12.9	12.6	13.3	6.4	6.4	6.6	6.2	0.000	0.000	0.000	0.000
13:15:00	14.0	13.0	12.7	13.9	6.8	6.5	6.8	6.3	0.000	0.000	0.000	0.000
13:30:00	13.9	12.7	12.3	12.6	6.5	6.3	6.4	6.1	0.000	0.000	0.000	0.000
13:45:00	13.4	11.9	11.8	12.5	6.3	6.0	6.2	5.8	0.000	0.000	0.000	0.000
14:00:00	13.2	12.2	11.8	12.0	6.4	5.9	6.3	5.7	0.000	0.000	0.000	0.000
14:15:00	13.2	12.0	10.7	12.2	6.1	5.9	6.2	5.6	0.000	0.000	0.000	0.000
14:30:00	13.1	11.4	11.2	11.5	6.0	5.8	5.9	5.5	0.000	0.000	0.000	0.000
14:45:00	13.3	11.8	11.2	12.5	6.0	5.8	6.0	5.5	0.000	0.000	0.000	0.000
15:00:00	13.2	11.7	11.3	15.0	5.9	5.7	6.3	5.4	0.000	0.000	0.000	0.000
15:15:00	12.7	11.8	10.9	12.3	5.9	5.6	5.8	5.3	0.000	0.000	0.000	0.000
15:30:00	12.3	11.1	10.7	12.4	5.5	5.5	5.8	5.3	0.000	0.000	0.000	0.000
15:45:00	12.0	10.4	10.5	10.5	5.5	5.2	5.3	5.1	0.000	0.000	0.000	0.000
16:00:00	11.7	10.7	10.0	10.7	5.4	5.2	5.2	5.0	0.000	0.000	0.000	0.000
16:15:00	38.3	10.3	9.7	12.2	8.5	5.1	5.3	4.9	0.000	0.000	0.000	0.000
16:30:00	11.2	10.0	9.8	10.4	5.1	5.0	5.1	4.9	0.000	0.000	0.000	0.000
16:45:00	10.9	10.2	9.7	9.3	5.1	5.1	4.9	4.8	0.000	0.000	0.000	0.000
17:00:00	11.1	10.7	10.1	9.8	5.3	5.3	5.1	4.9	0.000	0.000	0.000	0.000
17:15:00	13.2	12.0	11.0	11.3	6.2	6.0	5.9	5.5	0.000	0.000	0.000	0.000
17:30:00	15.3	14.9	12.7	13.0	6.7	6.7	6.5	6.3	0.000	0.000	0.000	0.000
17:45:00	14.1	13.6	13.3	13.2	6.8	6.5	6.8	6.5	0.000	0.000	0.000	0.000
18:00:00	14.1	12.8	12.7	13.0	6.8	6.5	6.7	6.4	0.000	0.000	0.000	0.000
18:15:00	13.9	13.2	12.5	12.7	6.6	6.4	6.6	6.3	0.000	0.000	0.000	0.000
18:30:00	14.9	12.8	12.0	12.9	6.6	6.1	6.4	6.1	0.000	0.000	0.000	0.000
18:45:00	13.6	12.4	13.3	12.9	6.5	6.1	6.5	6.2	0.000	0.003	0.000	0.000
19:00:00	14.1	12.7	14.4	12.7	6.7	6.3	6.6	6.4	0.000	0.006	0.000	0.003
19:15:00	13.9	13.6	12.2	12.7	6.6	6.2	6.4	6.1	0.022	0.009	0.003	0.019
19:30:00	52.7	13.2	16.0	12.5	11.6	6.0	6.1	6.5	0.060	0.010	0.032	0.031
19:45:00	29.3	12.2	12.3	12.3	8.1	6.0	6.2	5.8	0.084	0.011	0.059	0.039
20:00:00	20.9	14.2	14.9	12.4	7.0	5.9	6.0	5.9	0.090	0.011	0.070	0.046
20:15:00	29.9	11.7	11.8	11.2	7.5	5.6	5.6	5.5	0.086	0.011	0.072	0.041
20:30:00	14.4	11.6	12.2	12.0	6.2	5.4	5.8	5.4	0.092	0.010	0.080	0.046
20:45:00	13.5	11.5	13.2	17.7	6.2	5.5	6.8	5.6	0.104	0.011	0.092	0.051
21:00:00	14.6	12.2	20.0	14.1	6.7	5.7	6.6	6.1	0.115	0.010	0.101	0.050
21:15:00	15.2	12.8	13.5	15.7	7.2	5.9	7.3	6.4	0.121	0.010	0.106	0.049
21:30:00	15.8	13.1	15.6	15.2	7.7	6.0	7.5	6.8	0.116	0.009	0.108	0.048
21:45:00	17.0	12.5	16.1	15.0	7.8	6.0	7.4	7.2	0.107	0.008	0.104	0.041
22:00:00	15.3	12.9	13.6	14.5	7.4	6.1	7.2	6.9	0.097	0.008	0.095	0.032
22:15:00	15.3	13.1	14.6	14.5	7.4	6.4	7.4	6.9	0.087	0.006	0.085	0.025
22:30:00	15.7	13.0	16.6	14.2	7.5	6.3	7.2	7.1	0.074	0.004	0.078	0.019
22:45:00	15.5	13.3	14.9	14.8	7.6	6.6	7.3	7.0	0.058	0.003	0.072	0.009
23:00:00	15.2	12.6	14.9	14.5	7.5	6.4	7.5	7.1	0.043	0.002	0.062	0.002
23:15:00	14.7	12.7	15.8	14.9	7.4	6.3	7.5	7.1	0.030	0.001	0.054	0.000
23:30:00	14.8	12.8	16.4	15.3	7.3	6.3	7.8	7.0	0.022	0.001	0.049	0.000
23:45:00	14.4	12.8	15.7	14.4	7.2	6.4	7.2	6.9	0.012	0.002	0.041	0.000



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

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