



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-06-14

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.089 to 6.577	2943 SSE	3061 SSW	2996 W	2997 NNE	Min : 73.76 Max : 102.0	Min : 51.20 Max : 88.20	Min : 29.91 Max : 30.09

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	17.1	31.8	7.6	12.7	0.002	0.025
2996	16.4	35.0	7.6	13.4	0.000	0.008
2997	21.9	60.8	7.8	12.5	0.003	0.028
3061	14.8	23.2	6.9	10.2	0.000	0.003



Figure 1 : Monitoring Locations

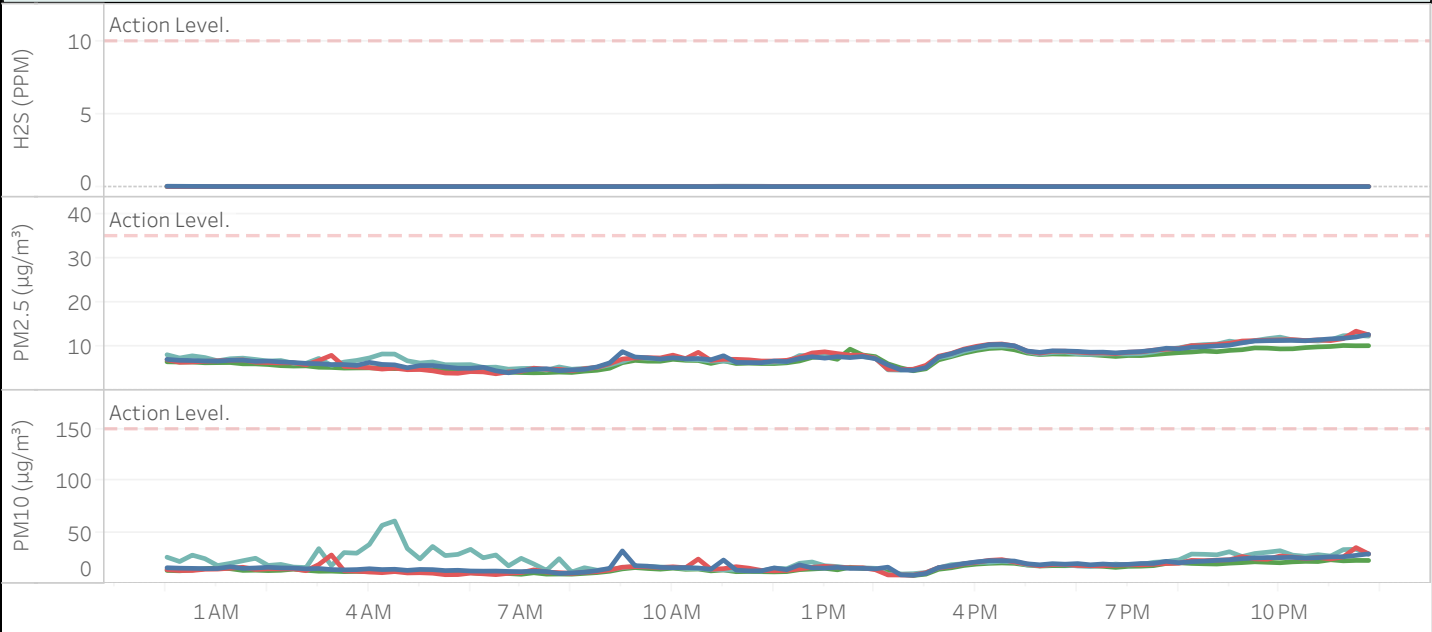


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

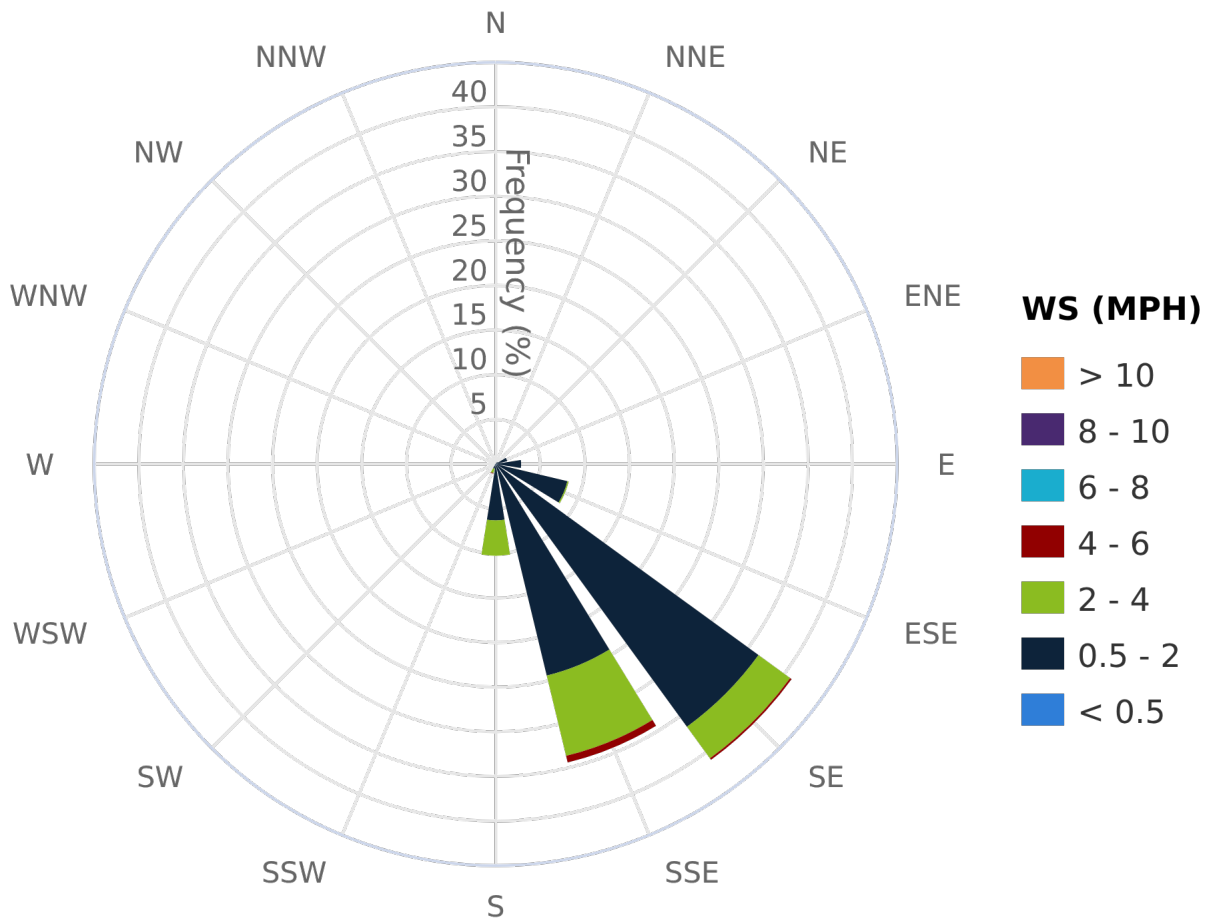


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

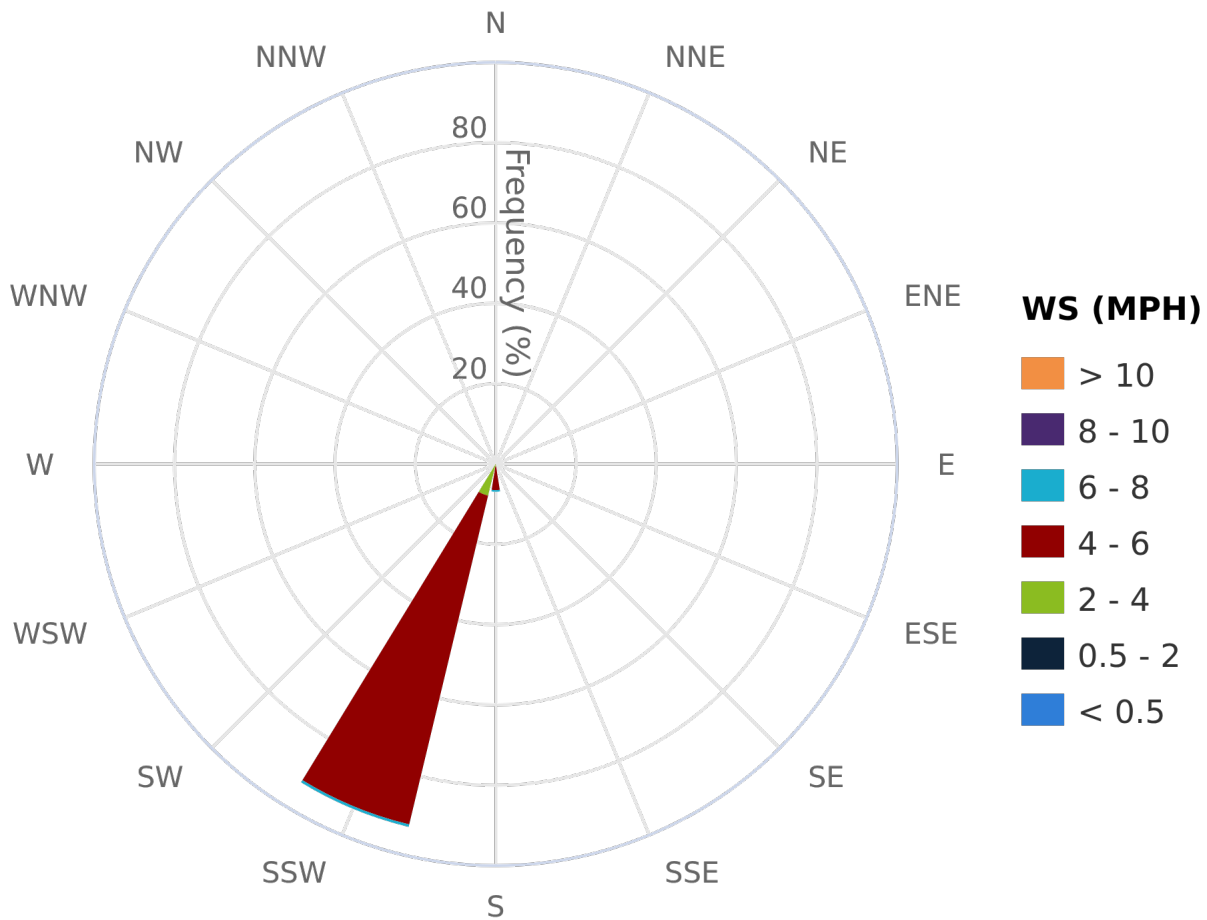


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

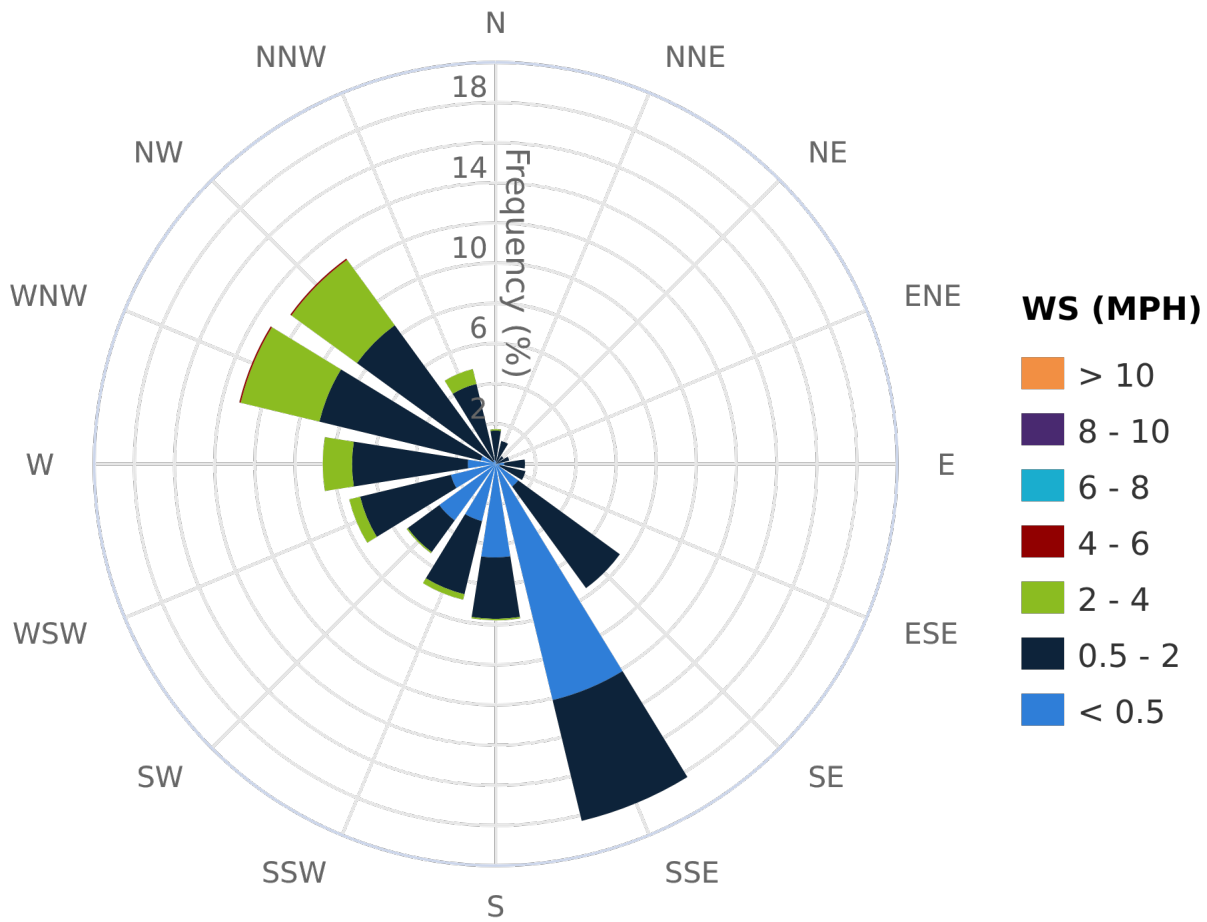


Figure 3 : Wind Rose Chart (WS in MPH)



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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	15.5	12.9	25.7	13.6	7.1	6.5	7.0	8.1	0.025	0.001	0.008	0.000
00:15:00	15.1	12.6	21.5	12.8	6.8	6.5	6.4	7.4	0.021	0.000	0.006	0.000
00:30:00	14.9	13.4	27.7	12.9	6.8	6.5	6.5	7.9	0.016	0.000	0.006	0.000
00:45:00	14.7	14.6	24.3	14.0	6.7	6.3	6.6	7.5	0.012	0.000	0.001	0.000
01:00:00	14.8	15.3	17.7	14.2	6.7	6.3	6.7	6.7	0.007	0.000	0.001	0.000
01:15:00	16.5	14.6	19.7	15.1	6.9	6.3	6.8	7.2	0.006	0.000	0.000	0.000
01:30:00	14.9	12.9	22.3	16.0	6.9	6.1	6.9	7.3	0.006	0.000	0.000	0.000
01:45:00	15.3	13.2	24.7	13.9	6.6	6.0	6.4	7.0	0.000	0.000	0.000	0.000
02:00:00	16.0	12.8	17.8	14.5	6.7	5.9	6.3	6.7	0.000	0.000	0.000	0.000
02:15:00	15.4	13.1	18.7	14.5	6.5	5.6	6.3	6.8	0.000	0.000	0.000	0.000
02:30:00	15.2	14.2	16.2	14.4	6.4	5.6	6.3	6.2	0.000	0.000	0.000	0.000
02:45:00	14.4	13.0	15.7	12.6	6.2	5.6	5.8	6.2	0.000	0.000	0.000	0.000
03:00:00	14.8	12.2	34.0	18.6	6.1	5.3	6.8	7.3	0.000	0.000	0.000	0.000
03:15:00	13.8	12.2	17.6	27.9	5.9	5.2	8.0	5.7	0.000	0.000	0.000	0.000
03:30:00	13.5	11.8	30.2	12.6	5.9	5.1	5.5	6.5	0.000	0.000	0.000	0.000
03:45:00	13.7	12.0	29.6	12.2	5.7	5.1	5.4	6.8	0.000	0.000	0.000	0.000
04:00:00	14.5	11.6	38.1	11.4	6.4	5.2	5.2	7.4	0.000	0.000	0.000	0.000
04:15:00	13.7	11.9	56.5	10.7	5.9	5.1	4.9	8.3	0.000	0.000	0.000	0.000
04:30:00	14.1	11.9	60.8	11.8	5.8	5.0	5.1	8.3	0.000	0.000	0.000	0.000
04:45:00	13.0	11.6	34.1	10.5	5.2	5.0	4.7	6.7	0.000	0.000	0.000	0.000
05:00:00	13.9	11.4	24.1	10.7	5.7	4.9	4.8	6.2	0.000	0.000	0.000	0.000
05:15:00	13.7	11.3	36.1	10.2	5.7	4.6	4.5	6.5	0.000	0.000	0.000	0.000
05:30:00	12.8	10.9	27.3	8.8	5.4	4.5	4.0	5.9	0.000	0.000	0.000	0.000
05:45:00	13.1	10.8	28.5	8.9	5.1	4.5	3.9	5.8	0.000	0.000	0.000	0.000
06:00:00	12.4	10.7	33.3	10.3	5.0	4.5	4.3	5.9	0.000	0.000	0.000	0.000
06:15:00	12.2	9.9	25.1	9.7	5.3	4.3	4.2	5.2	0.000	0.000	0.000	0.000
06:30:00	12.3	10.9	27.9	8.8	4.5	4.3	3.8	5.3	0.000	0.000	0.000	0.000
06:45:00	11.9	9.9	17.4	10.1	4.0	4.2	4.2	4.8	0.000	0.000	0.000	0.000
07:00:00	11.8	9.2	24.6	10.8	4.5	4.1	4.4	5.0	0.000	0.000	0.000	0.000
07:15:00	12.1	10.7	19.1	13.5	4.8	4.0	5.1	5.1	0.000	0.000	0.000	0.000
07:30:00	11.8	9.3	13.0	11.3	4.9	4.1	4.8	4.6	0.000	0.000	0.000	0.000
07:45:00	10.0	9.4	24.3	10.8	4.5	4.2	4.8	5.4	0.000	0.000	0.000	0.000
08:00:00	10.5	9.3	11.3	10.0	4.7	4.1	4.5	4.8	0.000	0.000	0.000	0.000
08:15:00	11.2	10.1	15.5	11.1	4.8	4.4	4.9	5.0	0.000	0.000	0.000	0.000
08:30:00	12.7	10.8	13.1	11.7	5.4	4.6	5.3	5.2	0.000	0.000	0.000	0.000
08:45:00	15.0	12.1	13.6	13.4	6.3	5.1	6.1	5.8	0.000	0.000	0.000	0.000
09:00:00	31.8	14.4	15.7	16.0	8.8	6.3	7.1	6.6	0.000	0.000	0.000	0.000
09:15:00	17.5	15.7	16.9	16.6	7.6	6.8	7.4	7.5	0.000	0.000	0.000	0.000
09:30:00	17.0	14.8	17.0	16.3	7.4	6.7	7.5	7.3	0.000	0.000	0.000	0.000
09:45:00	15.9	14.1	16.2	15.7	7.1	6.6	7.4	7.2	0.000	0.000	0.000	0.000
10:00:00	15.6	15.1	15.8	16.4	7.4	7.1	8.0	7.8	0.003	0.000	0.000	0.000
10:15:00	15.7	14.0	14.8	15.5	7.2	6.9	7.2	7.1	0.001	0.000	0.000	0.001
10:30:00	15.3	14.3	14.7	23.9	7.3	6.8	8.7	7.0	0.001	0.000	0.000	0.010
10:45:00	14.1	12.5	14.1	14.1	7.0	6.2	6.8	6.7	0.000	0.000	0.000	0.018
11:00:00	23.0	13.4	13.4	14.6	7.9	6.8	7.1	6.7	0.000	0.000	0.000	0.028
11:15:00	13.2	11.7	13.3	16.5	6.4	6.1	7.1	6.5	0.000	0.000	0.000	0.026
11:30:00	12.5	11.9	12.8	15.1	6.3	6.2	7.0	6.4	0.000	0.000	0.000	0.024
11:45:00	12.6	11.7	12.3	12.9	6.3	6.1	6.7	6.4	0.000	0.000	0.000	0.022



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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	15.3	11.5	15.1	12.5	6.7	6.1	6.7	6.4	0.000	0.000	0.000	0.014
12:15:00	13.7	11.8	14.6	13.0	6.6	6.3	6.9	6.5	0.000	0.000	0.000	0.002
12:30:00	18.3	13.7	19.8	14.3	7.2	6.7	7.5	7.9	0.000	0.000	0.000	0.000
12:45:00	15.4	14.3	21.1	15.9	7.7	7.5	8.5	7.9	0.000	0.000	0.000	0.005
13:00:00	15.1	15.0	17.5	16.9	7.3	7.6	8.8	7.9	0.000	0.000	0.000	0.011
13:15:00	15.9	13.5	16.7	16.0	7.7	7.1	8.4	8.1	0.000	0.000	0.000	0.009
13:30:00	15.0	16.0	15.2	15.5	7.5	9.4	8.0	7.8	0.000	0.000	0.000	0.006
13:45:00	14.9	14.8	15.4	15.5	7.7	8.0	8.0	7.7	0.000	0.000	0.000	0.011
14:00:00	14.5	14.6	15.0	13.6	7.2	7.7	7.3	7.4	0.000	0.000	0.000	0.010
14:15:00	16.1	11.1	9.0	8.6	5.8	6.1	4.8	4.7	0.000	0.000	0.000	0.010
14:30:00	8.6	9.3	9.4	8.5	4.7	5.1	4.8	4.6	0.000	0.000	0.000	0.010
14:45:00	8.3	8.1	9.8	8.3	4.6	4.5	4.8	4.8	0.000	0.000	0.000	0.008
15:00:00	10.0	9.3	10.9	10.7	5.2	4.9	5.7	5.3	0.000	0.000	0.000	0.009
15:15:00	15.7	14.0	15.5	15.6	7.6	7.0	7.8	7.5	0.000	0.000	0.000	0.009
15:30:00	17.4	15.5	18.5	16.9	8.3	7.7	8.4	7.9	0.000	0.000	0.000	0.004
15:45:00	19.5	17.7	19.4	19.3	9.3	8.5	9.4	8.9	0.008	0.000	0.000	0.005
16:00:00	21.2	19.1	20.6	20.8	9.8	9.1	10.0	9.6	0.009	0.000	0.000	0.003
16:15:00	22.4	19.8	20.8	22.7	10.4	9.5	10.5	10.0	0.010	0.002	0.000	0.000
16:30:00	22.4	20.2	21.8	23.4	10.5	9.7	10.5	10.0	0.012	0.002	0.000	0.001
16:45:00	22.0	19.8	21.1	21.1	10.1	9.2	10.1	9.9	0.010	0.002	0.000	0.000
17:00:00	19.4	18.1	18.3	19.1	9.0	8.5	8.9	8.8	0.002	0.000	0.000	0.002
17:15:00	18.4	17.2	17.6	17.4	8.7	8.1	8.5	8.2	0.000	0.000	0.000	0.005
17:30:00	19.5	17.6	18.5	18.6	9.0	8.3	8.9	8.6	0.000	0.000	0.000	0.006
17:45:00	19.0	17.5	18.4	18.8	9.0	8.2	8.9	8.7	0.000	0.000	0.000	0.003
18:00:00	19.5	17.7	17.2	17.7	8.9	8.3	8.7	8.3	0.000	0.000	0.000	0.004
18:15:00	18.4	17.4	16.8	17.5	8.7	8.1	8.5	8.2	0.000	0.000	0.000	0.002
18:30:00	19.1	16.9	17.8	17.4	8.7	7.9	8.5	8.3	0.000	0.000	0.000	0.002
18:45:00	18.5	15.9	19.1	17.9	8.5	7.7	8.4	8.3	0.000	0.000	0.000	0.003
19:00:00	18.8	16.9	18.3	18.4	8.7	7.9	8.7	8.3	0.000	0.000	0.000	0.003
19:15:00	19.7	17.0	18.7	18.3	8.8	7.9	8.8	8.4	0.000	0.000	0.000	0.003
19:30:00	19.7	17.6	20.8	18.9	9.1	8.2	9.2	8.7	0.000	0.000	0.000	0.004
19:45:00	21.7	19.7	21.5	19.6	9.6	8.4	9.4	9.3	0.000	0.001	0.000	0.004
20:00:00	20.4	20.4	23.1	19.9	9.5	8.6	9.5	9.7	0.000	0.001	0.000	0.004
20:15:00	21.4	19.7	28.8	22.6	9.8	8.7	10.2	10.2	0.002	0.001	0.000	0.003
20:30:00	21.9	19.4	28.5	22.4	9.9	8.9	10.2	10.4	0.005	0.002	0.000	0.002
20:45:00	22.6	19.1	28.0	22.9	10.1	8.8	10.4	10.5	0.008	0.002	0.000	0.001
21:00:00	23.2	19.9	31.0	23.3	10.3	9.1	10.7	11.2	0.008	0.003	0.000	0.001
21:15:00	24.3	20.5	26.4	26.4	10.8	9.2	11.2	10.8	0.010	0.003	0.000	0.001
21:30:00	25.0	21.3	29.3	24.1	11.2	9.7	11.3	11.3	0.009	0.002	0.000	0.000
21:45:00	25.4	20.8	30.6	23.7	11.3	9.6	11.4	11.7	0.012	0.003	0.001	0.000
22:00:00	25.3	20.3	32.0	26.9	11.3	9.4	11.5	12.1	0.008	0.001	0.000	0.000
22:15:00	25.6	21.2	27.7	25.8	11.4	9.5	11.5	11.4	0.006	0.001	0.000	0.000
22:30:00	24.7	21.7	26.6	24.4	11.3	9.7	11.3	11.3	0.003	0.001	0.001	0.000
22:45:00	25.3	21.5	28.2	25.5	11.5	9.9	11.5	11.2	0.001	0.001	0.000	0.000
23:00:00	26.1	23.2	26.8	24.0	11.7	10.0	11.3	11.5	0.000	0.001	0.000	0.000
23:15:00	26.1	22.2	33.1	26.0	11.8	10.2	11.8	12.4	0.000	0.001	0.000	0.000
23:30:00	27.5	22.6	33.4	35.0	12.1	10.1	13.4	12.5	0.000	0.000	0.000	0.000
23:45:00	29.0	22.6	28.5	28.9	12.7	10.2	12.6	12.3	0.000	0.000	0.000	0.000



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

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