



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-06-02

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.134 to 9.507	2943 SE	3061 NNW	2996 SSW	2997 N	Min : 72.50 Max : 101.5	Min : 46.30 Max : 91.10	Min : 29.87 Max : 30.11

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	19.4	39.7	8.0	15.5	0.012	0.090	
2996	17.0	30.6	8.1	15.2	0.003	0.035	
2997	24.6	63.0	8.4	14.3	0.003	0.039	
3061	16.8	31.3	7.8	14.9	0.001	0.011	



Figure 1 : Monitoring Locations

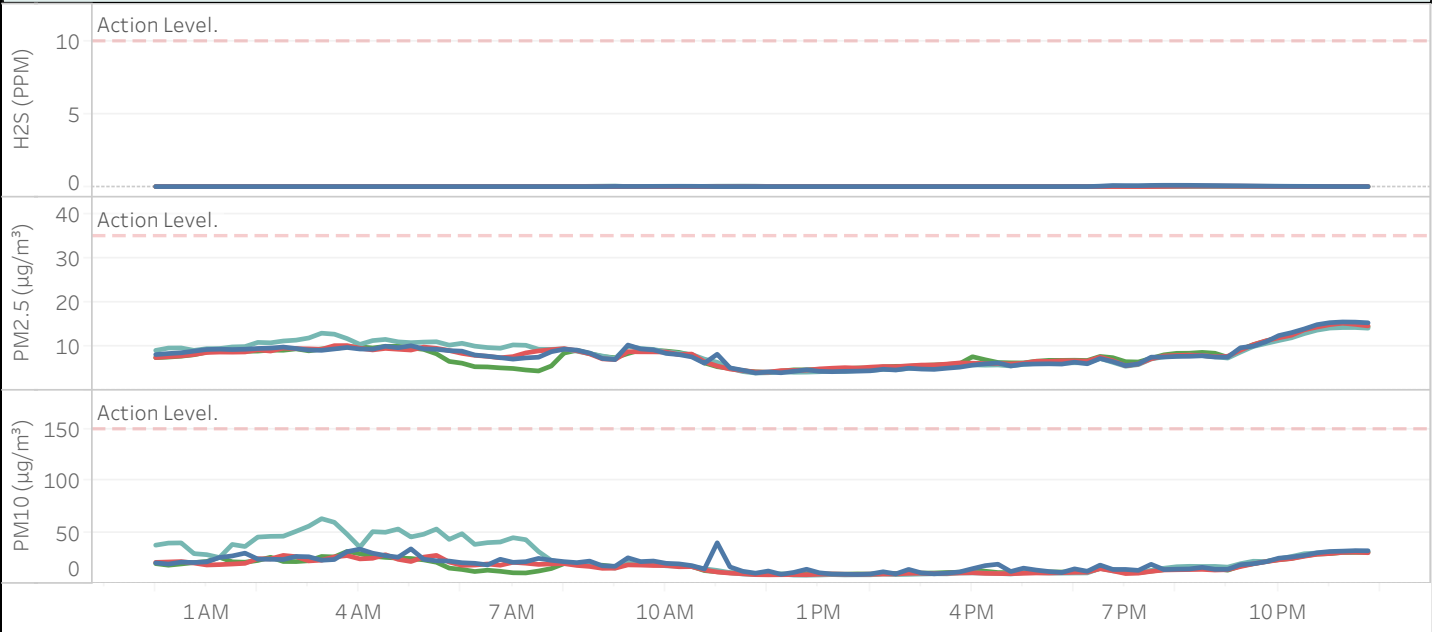


Figure 2 : 15 Minutes Average Concentrations ■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

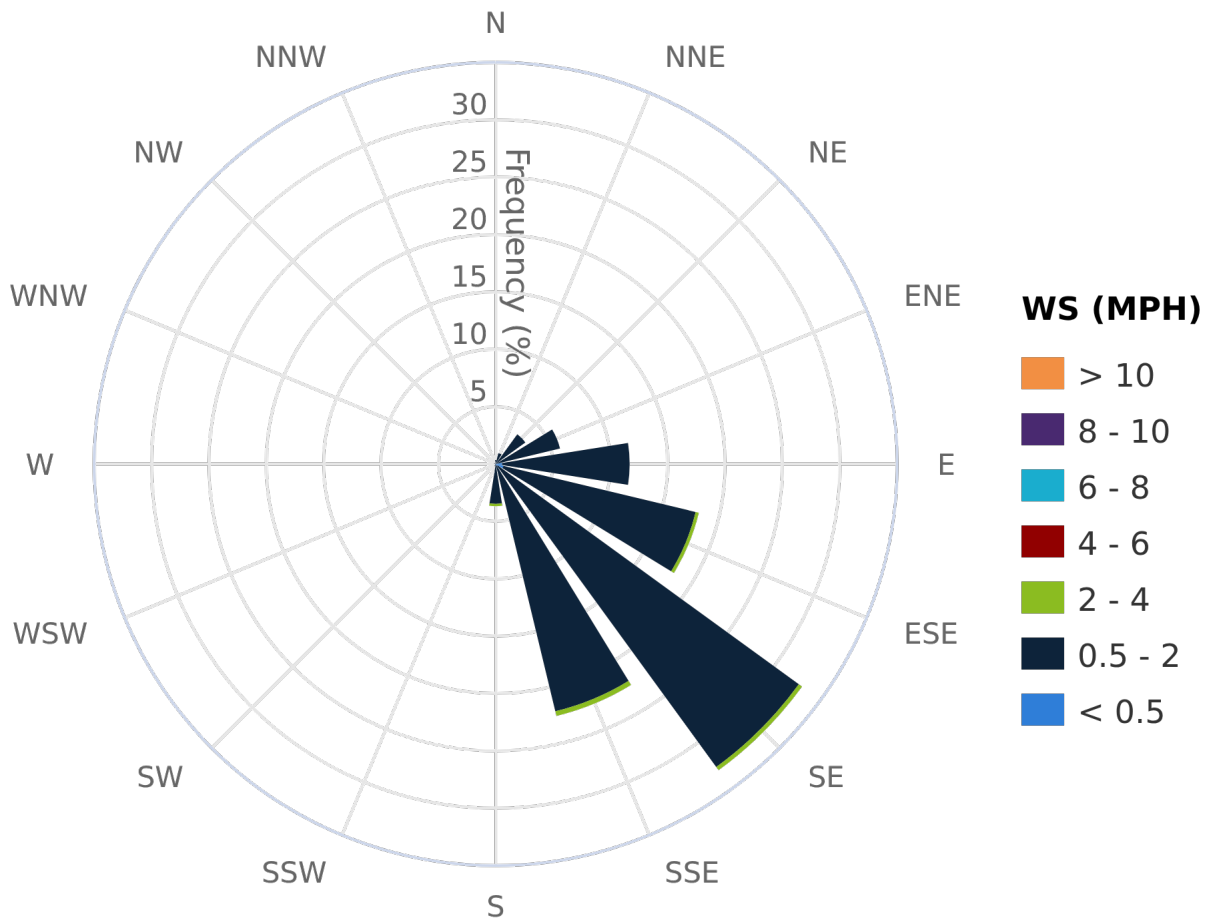


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

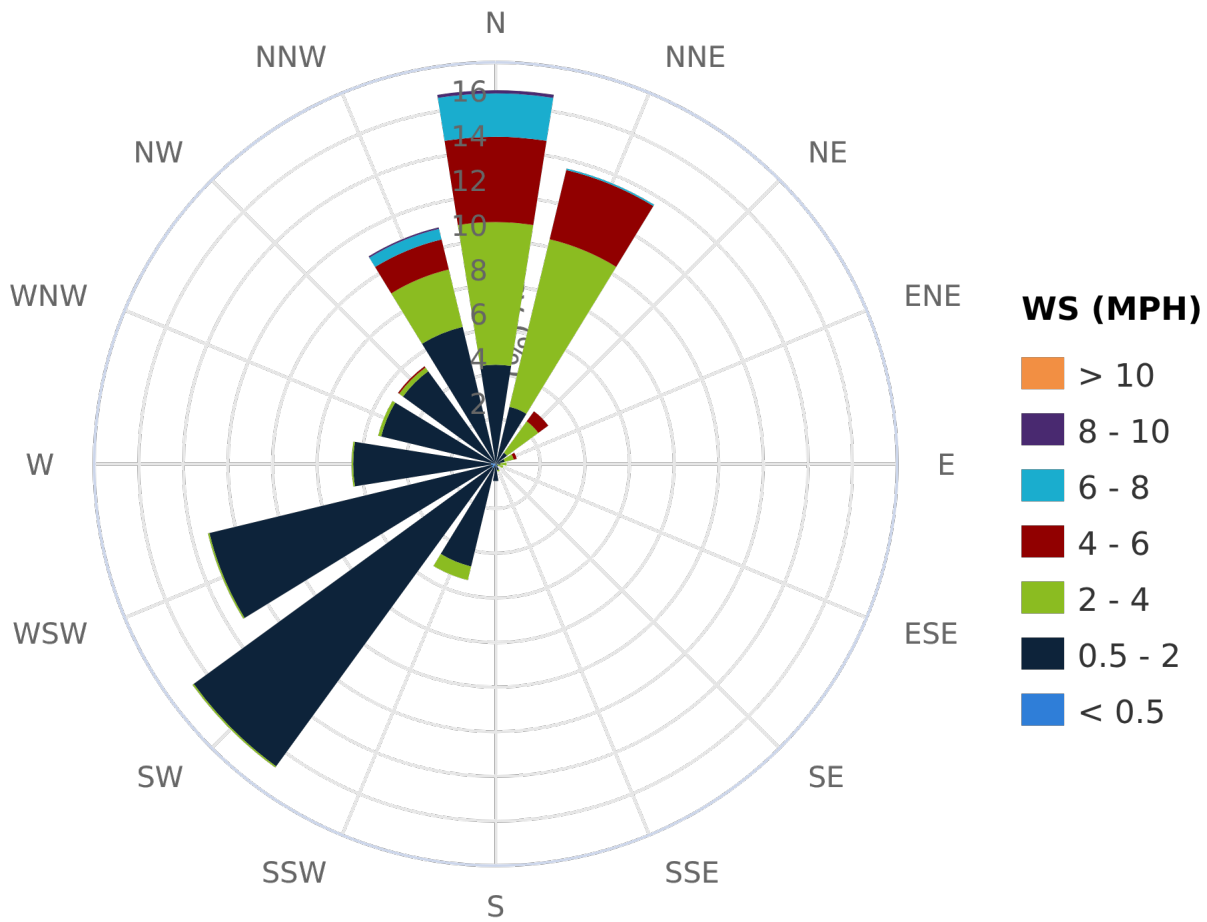


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

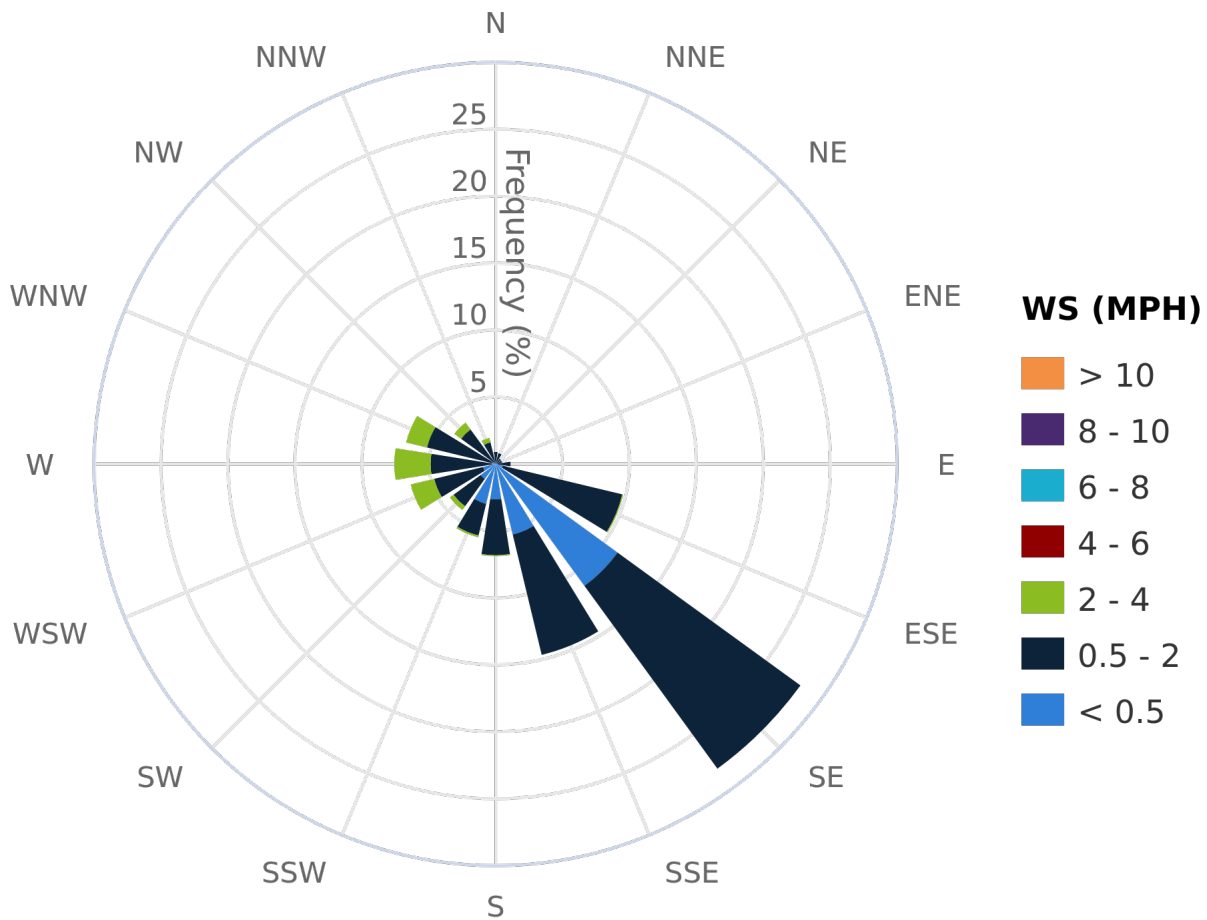


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

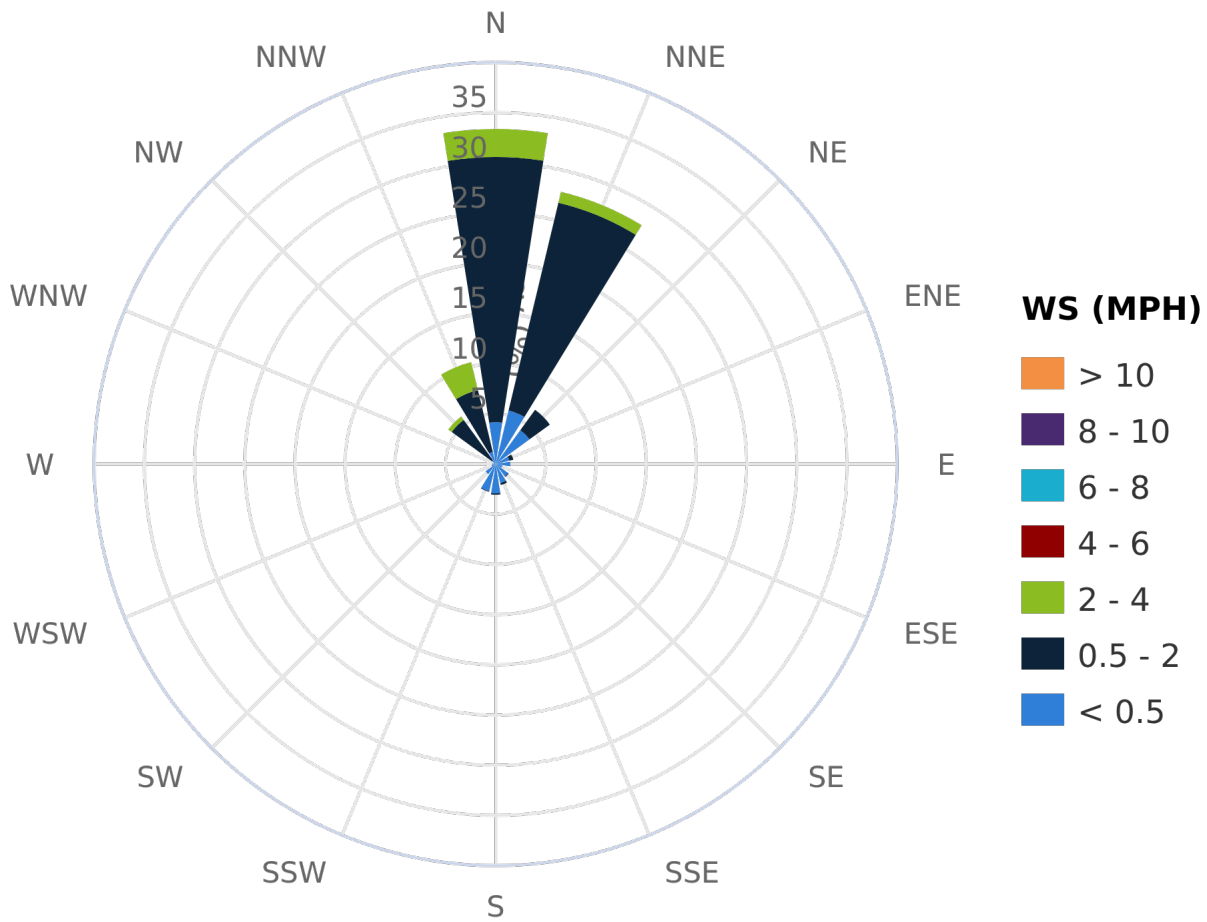


Figure 3 : Wind Rose Chart (WS in MPH)



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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	20.2	19.5	37.4	20.7	8.2	7.5	7.5	9.1	0.000	0.000	0.000	0.000
00:15:00	19.1	18.0	39.4	21.1	8.4	7.6	7.7	9.6	0.000	0.000	0.000	0.000
00:30:00	20.9	19.2	39.6	21.5	8.6	7.8	7.8	9.6	0.000	0.000	0.000	0.000
00:45:00	20.6	20.5	29.2	20.1	8.9	8.1	8.2	9.1	0.000	0.000	0.000	0.000
01:00:00	21.2	21.6	28.2	18.2	9.3	8.7	8.6	9.5	0.000	0.000	0.000	0.000
01:15:00	25.5	25.7	25.4	18.6	9.4	9.2	8.7	9.5	0.000	0.000	0.000	0.000
01:30:00	27.0	21.2	38.1	19.1	9.3	9.0	8.7	9.9	0.000	0.000	0.000	0.000
01:45:00	29.7	20.9	36.1	19.8	9.4	8.9	8.7	10.0	0.000	0.000	0.000	0.000
02:00:00	23.9	22.6	45.2	24.3	9.5	8.9	9.2	10.9	0.000	0.000	0.000	0.000
02:15:00	23.7	25.7	45.9	24.1	9.6	9.2	8.9	10.8	0.000	0.000	0.000	0.000
02:30:00	23.5	21.6	46.1	27.5	9.8	9.1	9.6	11.2	0.000	0.000	0.000	0.000
02:45:00	26.5	21.5	50.8	26.2	9.5	9.4	9.5	11.4	0.000	0.000	0.000	0.000
03:00:00	26.1	22.3	55.8	22.1	9.2	9.0	9.4	11.9	0.000	0.000	0.000	0.000
03:15:00	22.8	26.4	63.0	22.9	9.1	9.4	9.3	13.0	0.000	0.000	0.000	0.000
03:30:00	23.5	26.0	59.5	26.0	9.4	9.5	10.2	12.8	0.000	0.000	0.000	0.000
03:45:00	31.1	31.3	47.9	27.3	9.8	9.9	10.2	11.8	0.000	0.000	0.000	0.000
04:00:00	33.6	29.1	35.4	24.1	9.4	9.9	9.6	10.4	0.000	0.000	0.000	0.000
04:15:00	29.6	26.6	50.5	24.7	9.4	9.6	9.2	11.3	0.000	0.000	0.000	0.000
04:30:00	27.3	25.6	49.9	28.1	10.0	10.0	9.5	11.6	0.000	0.000	0.000	0.000
04:45:00	25.7	24.9	53.0	23.7	9.7	10.0	9.4	11.0	0.000	0.000	0.000	0.000
05:00:00	33.8	24.5	45.4	21.6	10.1	9.7	9.2	10.8	0.000	0.000	0.000	0.000
05:15:00	23.7	23.1	48.0	25.8	9.4	9.3	9.8	11.0	0.000	0.000	0.000	0.000
05:30:00	22.3	20.8	53.0	27.5	9.3	8.3	9.6	11.0	0.000	0.000	0.000	0.000
05:45:00	22.0	15.2	43.0	21.0	9.0	6.6	9.1	10.3	0.000	0.001	0.000	0.000
06:00:00	20.4	13.9	48.5	17.9	8.9	6.2	8.4	10.7	0.000	0.002	0.000	0.000
06:15:00	19.8	11.9	38.1	18.1	8.1	5.4	8.0	10.1	0.000	0.001	0.000	0.000
06:30:00	18.3	13.1	39.8	19.2	7.8	5.4	7.8	9.7	0.000	0.000	0.000	0.000
06:45:00	23.7	12.1	40.4	18.0	7.5	5.1	7.4	9.6	0.000	0.000	0.000	0.000
07:00:00	20.7	10.6	44.6	20.8	7.1	5.0	7.7	10.3	0.000	0.000	0.000	0.000
07:15:00	21.4	10.5	42.7	19.9	7.4	4.7	8.5	10.2	0.000	0.000	0.000	0.000
07:30:00	24.6	12.3	31.2	18.7	7.6	4.4	9.0	9.4	0.000	0.000	0.000	0.000
07:45:00	22.8	14.8	22.5	19.3	8.8	5.6	9.2	9.3	0.000	0.000	0.000	0.000
08:00:00	21.4	19.5	20.3	19.5	9.4	8.5	9.5	9.5	0.000	0.000	0.000	0.000
08:15:00	20.5	19.4		17.7	9.2	9.1	9.0		0.000	0.000	0.000	
08:30:00	21.9	17.9		16.8	8.5	8.4	8.3		0.000	0.000	0.000	
08:45:00	17.4	17.9		15.0	7.3	7.7	7.2		0.001	0.000	0.000	
09:00:00	17.0	16.6	15.2	15.1	7.0	7.4	7.0	7.3	0.013	0.000	0.000	0.039
09:15:00	25.1	18.7	20.6	18.3	10.3	8.4	8.8	10.1	0.010	0.001	0.000	0.000
09:30:00	21.5	20.2	19.5	18.1	9.4	9.2	8.8	9.5	0.012	0.000	0.000	0.000
09:45:00	22.0	19.8	18.5	17.7	9.2	9.1	8.8	9.3	0.017	0.000	0.000	0.000
10:00:00	19.8	19.1	17.4	17.7	8.4	8.9	8.7	8.8	0.019	0.000	0.001	0.000
10:15:00	19.3	18.0	17.1	16.5	8.1	8.6	8.1	8.4	0.022	0.000	0.000	0.002
10:30:00	17.6	16.9	16.6	16.6	7.6	8.0	8.3	8.2	0.021	0.000	0.000	0.010
10:45:00	14.3	12.8	14.5	13.3	6.2	6.3	6.5	7.1	0.014	0.000	0.000	0.017
11:00:00	39.7	11.6	12.9	11.4	8.2	5.4	5.6	6.4	0.000	0.000	0.000	0.028
11:15:00	16.3	10.6	10.8	10.3	5.1	5.0	4.9	5.0	0.000	0.000	0.000	0.030
11:30:00	12.1	10.3	9.4	9.7	4.6	4.5	4.5	4.3	0.000	0.000	0.000	0.033
11:45:00	10.2	9.7	8.9	8.8	4.0	4.2	4.2	4.0	0.000	0.000	0.000	0.029



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12:00:00	12.3	9.0	9.2	8.6	4.2	4.1	4.2	4.0	0.000	0.000	0.000	0.013
12:15:00	9.1	9.3	9.5	8.8	4.0	4.4	4.5	4.3	0.000	0.000	0.000	0.001
12:30:00	11.0	9.2	8.4	8.8	4.4	4.7	4.6	4.2	0.000	0.000	0.000	0.000
12:45:00	14.1	9.6	8.3	8.8	4.7	4.7	4.6	4.2	0.000	0.000	0.000	0.000
13:00:00	10.6	9.6	8.5	9.3	4.4	4.8	4.9	4.3	0.000	0.000	0.000	0.000
13:15:00	9.4	9.3	8.9	9.5	4.3	4.8	5.1	4.4	0.000	0.000	0.000	0.000
13:30:00	9.2	9.3	8.6	9.2	4.4	4.9	5.2	4.3	0.000	0.000	0.000	0.000
13:45:00	9.0	9.6	8.7	9.1	4.4	5.1	5.1	4.5	0.000	0.000	0.000	0.000
14:00:00	9.4	9.3	8.7	9.3	4.5	5.1	5.3	4.6	0.000	0.000	0.000	0.000
14:15:00	11.6	9.9	9.3	9.4	4.8	5.4	5.5	4.8	0.000	0.000	0.000	0.000
14:30:00	9.6	10.0	8.9	9.5	4.7	5.5	5.4	4.7	0.000	0.000	0.000	0.000
14:45:00	13.9	10.3	9.1	10.1	5.1	5.5	5.6	5.0	0.000	0.000	0.000	0.000
15:00:00	10.5	10.4	9.4	10.3	4.9	5.7	5.8	5.1	0.000	0.000	0.000	0.000
15:15:00	9.7	10.4	9.7	9.7	4.8	5.8	5.8	5.3	0.000	0.000	0.000	0.000
15:30:00	10.3	10.9	9.6	10.2	5.1	5.9	6.0	5.5	0.000	0.000	0.000	0.000
15:45:00	11.5	11.2	10.5	10.5	5.3	6.1	6.3	5.8	0.000	0.000	0.000	0.000
16:00:00	14.6	12.7	10.5	10.7	5.8	7.7	6.2	5.8	0.000	0.000	0.000	0.000
16:15:00	17.6	12.2	10.3	10.1	6.1	7.0	6.1	5.8	0.000	0.000	0.000	0.000
16:30:00	18.9	10.9	10.0	9.9	6.3	6.4	6.2	5.8	0.000	0.000	0.000	0.000
16:45:00	11.9	10.8	9.5	9.8	5.6	6.3	6.0	5.6	0.000	0.000	0.000	0.000
17:00:00	15.1	11.0	10.7	10.1	6.0	6.3	6.2	5.9	0.000	0.000	0.000	0.000
17:15:00	13.3	11.3	10.8	10.5	6.0	6.6	6.6	6.2	0.000	0.000	0.000	0.000
17:30:00	11.8	11.5	10.4	10.4	6.1	6.8	6.6	6.2	0.000	0.000	0.000	0.000
17:45:00	10.9	11.4	10.3	10.7	6.0	6.8	6.7	6.3	0.000	0.000	0.000	0.000
18:00:00	14.4	11.4	10.4	11.1	6.4	6.9	6.7	6.3	0.005	0.000	0.000	0.000
18:15:00	12.1	11.4	10.5	11.3	6.1	6.8	6.7	6.3	0.002	0.001	0.000	0.000
18:30:00	18.1	14.8	15.0	14.6	7.3	7.7	7.6	7.3	0.030	0.004	0.000	0.005
18:45:00	13.9	13.7	12.5	12.5	6.6	7.4	6.8	6.4	0.075	0.011	0.000	0.015
19:00:00	13.9	11.6	11.1	9.9	5.7	6.5	5.6	5.5	0.068	0.010	0.000	0.012
19:15:00	13.0	10.7	10.9	10.3	6.0	6.5	6.0	5.9	0.066	0.009	0.000	0.013
19:30:00	18.8	12.2	13.0	12.0	7.6	7.3	7.2	7.2	0.083	0.011	0.001	0.016
19:45:00	13.8	13.6	15.0	13.4	7.6	8.1	7.8	7.7	0.090	0.010	0.012	0.016
20:00:00	14.1	14.2	16.5	13.6	7.7	8.4	8.0	7.8	0.089	0.009	0.025	0.013
20:15:00	14.3	14.7	16.9	13.7	7.8	8.5	8.0	8.0	0.087	0.008	0.031	0.009
20:30:00	15.9	15.0	16.7	13.9	7.9	8.6	7.9	7.9	0.079	0.006	0.033	0.005
20:45:00	14.0	14.9	16.8	13.3	7.6	8.4	7.7	7.7	0.072	0.005	0.035	0.001
21:00:00	14.0	13.1	16.1	13.6	7.6	7.5	7.8	7.4	0.063	0.004	0.030	0.000
21:15:00	18.5	17.3	19.4	16.7	9.7	9.3	9.1	8.7	0.056	0.003	0.028	0.000
21:30:00	19.4	19.5	21.8	19.3	10.1	10.4	10.4	10.0	0.045	0.003	0.023	0.000
21:45:00	21.3	21.6	21.6	21.4	11.0	11.2	11.3	10.7	0.035	0.002	0.019	0.000
22:00:00	24.8	23.3	24.1	23.2	12.4	12.0	11.9	11.3	0.027	0.001	0.015	0.000
22:15:00	25.9	24.6	26.4	24.4	13.1	12.5	12.5	11.9	0.021	0.000	0.012	0.000
22:30:00	27.5	27.1	29.1	26.6	13.9	13.6	13.7	12.9	0.017	0.000	0.007	0.000
22:45:00	30.0	28.8	29.8	28.6	14.9	14.3	14.4	13.7	0.012	0.000	0.006	0.000
23:00:00	31.3	29.3	30.3	29.3	15.4	14.5	14.9	14.1	0.007	0.000	0.003	0.000
23:15:00	31.6	30.4	30.7	30.4	15.5	14.9	15.2	14.3	0.004	0.000	0.001	0.000
23:30:00	32.1	30.4	31.5	30.6	15.5	14.6	15.0	14.3	0.002	0.000	0.000	0.000
23:45:00	32.0	30.5	31.0	30.1	15.3	14.4	14.6	14.1	0.001	0.000	0.000	0.000



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

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