



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-22

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.02000 Max : 13.69	2943 E	2693 S	2996 WNW	2997 WNW	Min : 50.90 Max : 91.94	Min : 43.80 Max : 89.80	Min : 29.98 Max : 30.24

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)
2693	12.0	36.2	8.5	31.6	0.001	0.005
2943	17.0	133.1	7.5	21.9	-0.066	0.014
2996	15.8	55.3	7.8	19.8	0.000	0.010
2997	16.7	75.6	8.2	24.0	0.001	0.010



Figure 1 : Monitoring Locations

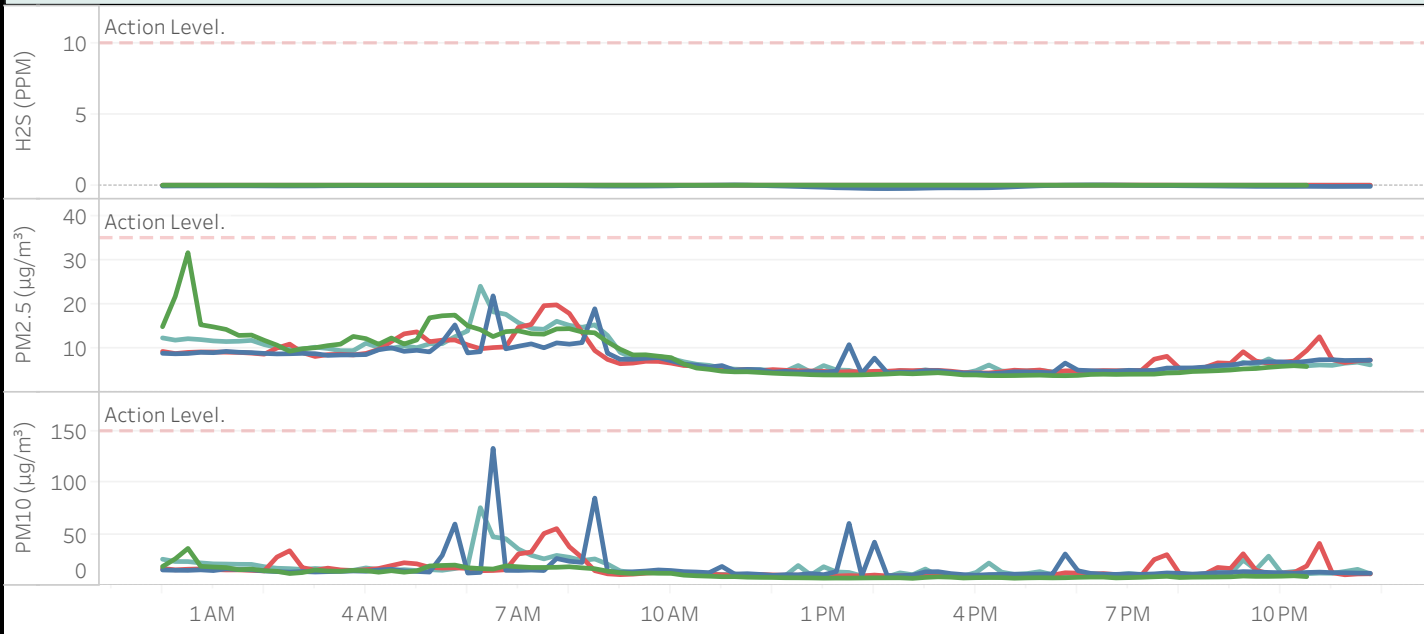


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

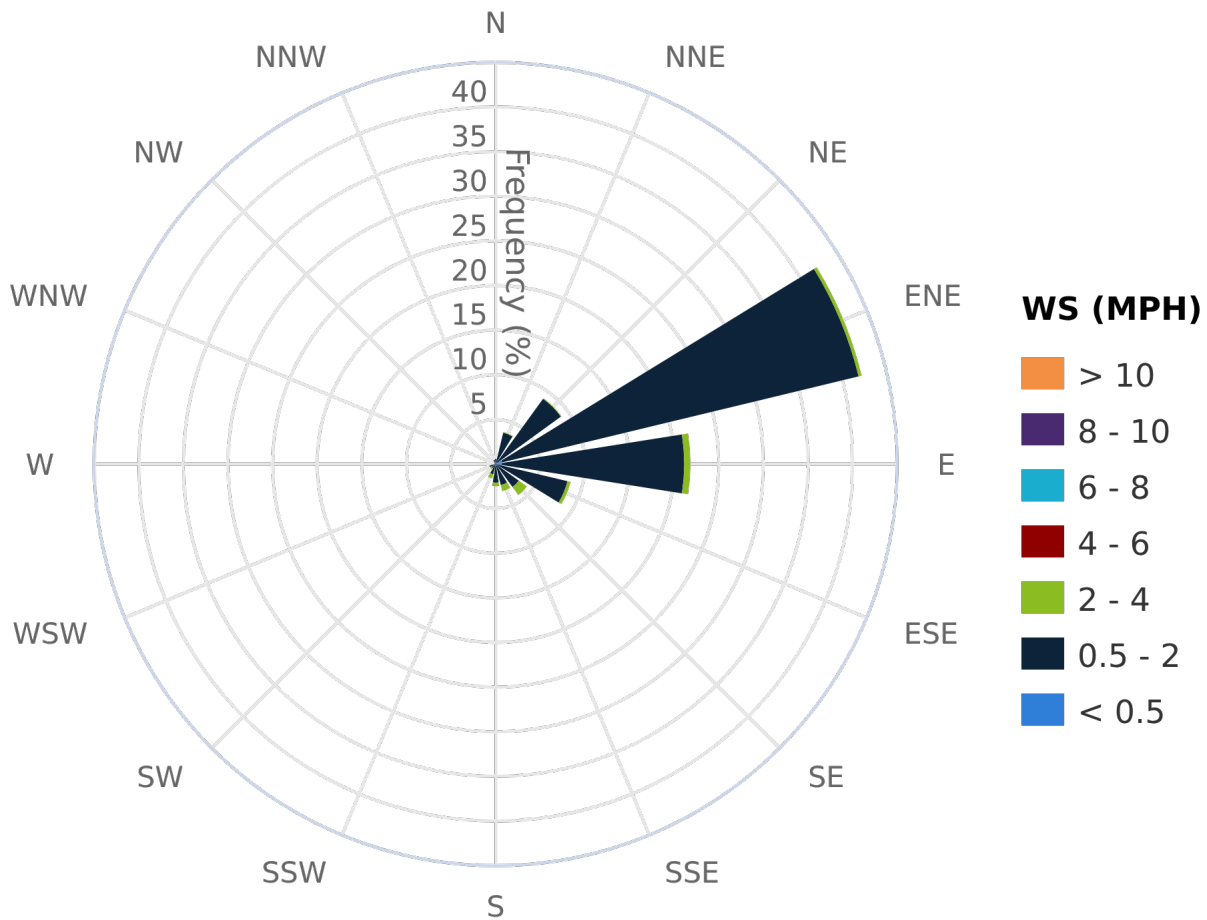


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

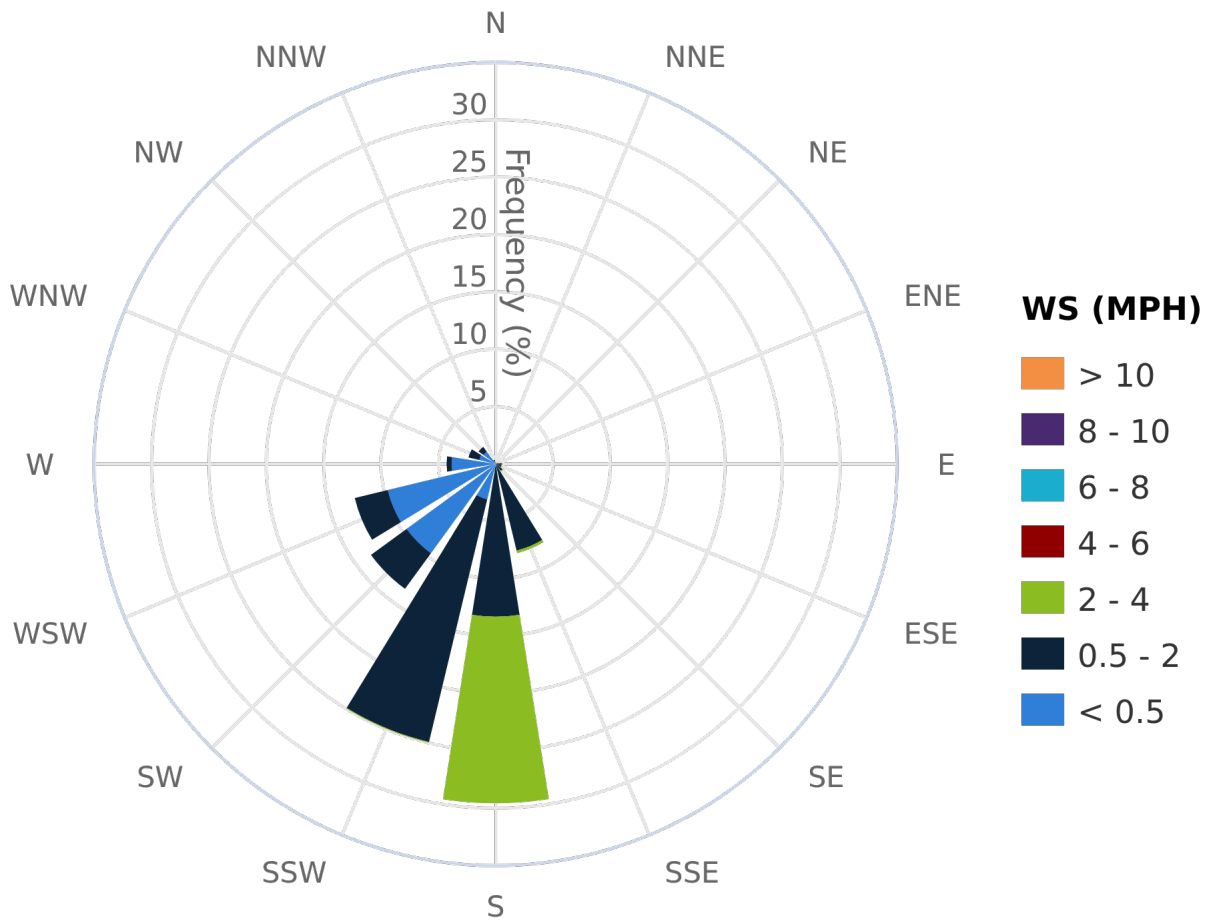


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

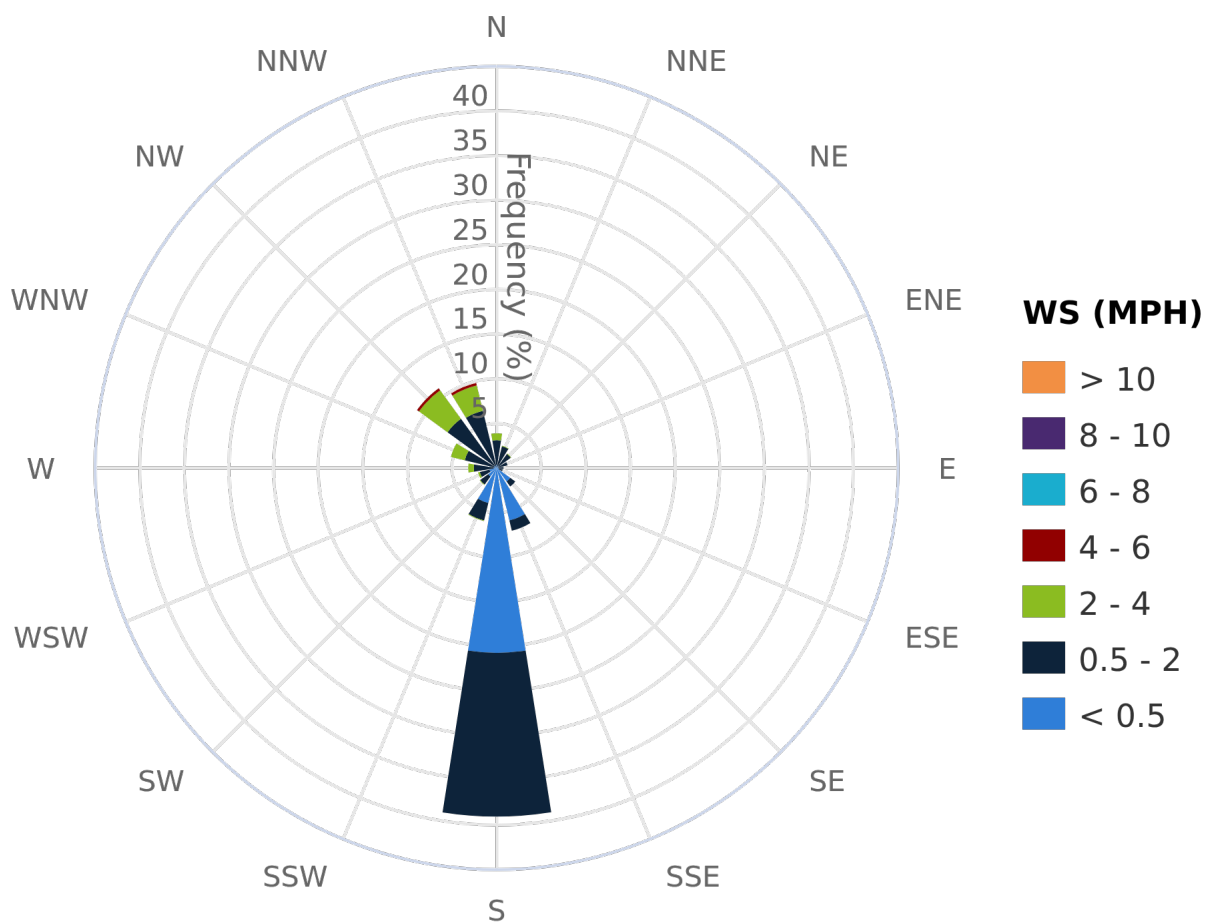


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

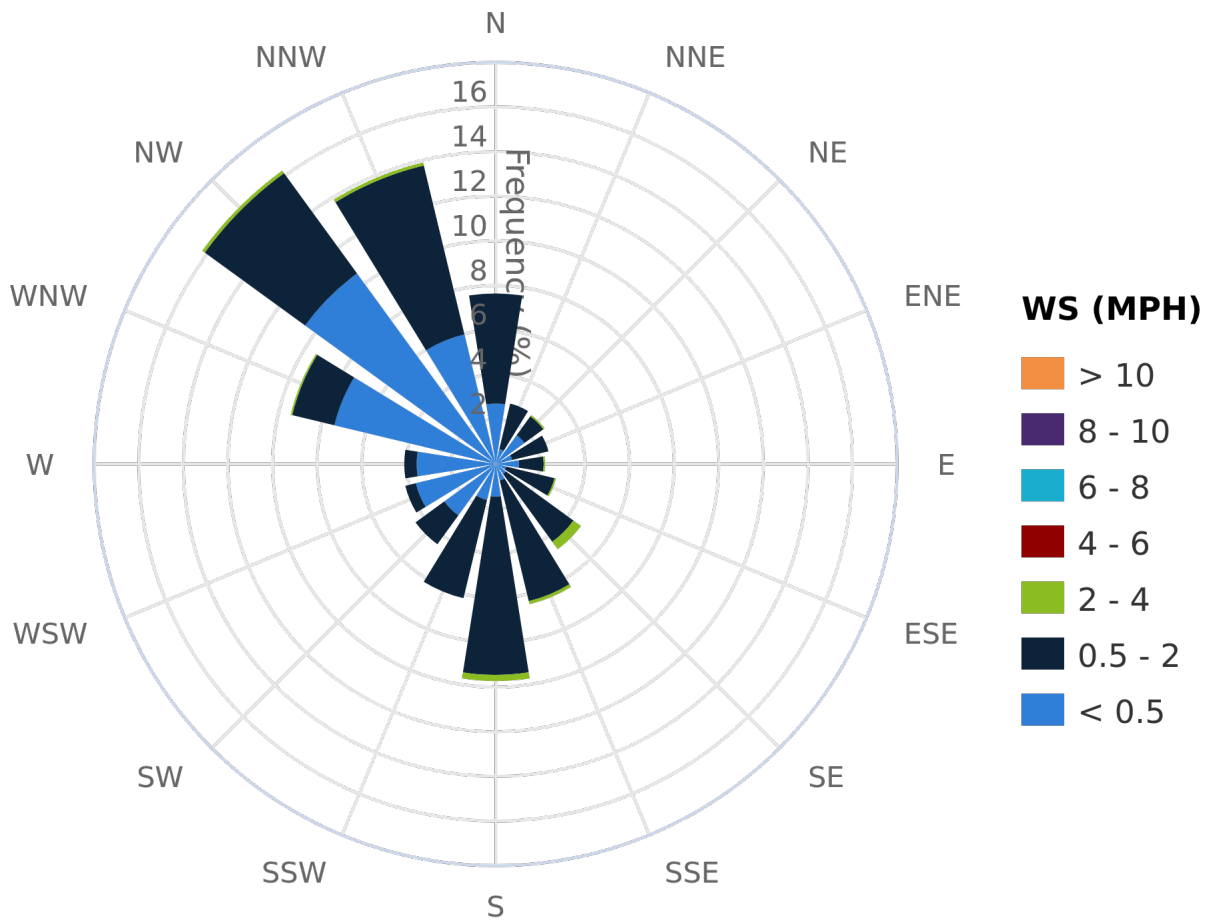


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	15.3	18.7	25.7	16.7	8.9	14.9	9.3	12.4	-0.058	0.000	0.000	0.000
00:15:00	15.0	26.1	23.5	15.4	8.8	21.7	8.8	11.9	-0.052	0.001	0.000	0.000
00:30:00	14.9	36.2	23.4	16.0	8.9	31.6	9.1	12.2	-0.050	0.001	0.000	0.000
00:45:00	15.4	18.9	22.1	16.3	9.1	15.4	9.2	12.0	-0.050	0.001	0.000	0.000
01:00:00	14.7	18.2	21.2	15.7	9.0	14.9	9.2	11.7	-0.048	0.000	0.000	0.000
01:15:00	16.4	17.6	21.0	15.3	9.3	14.3	9.1	11.5	-0.045	0.000	0.000	0.000
01:30:00	15.7	15.6	20.8	15.4	9.1	12.9	9.1	11.6	-0.045	0.000	0.000	0.000
01:45:00	15.5	16.2	20.7	14.9	9.0	13.0	8.9	11.8	-0.045	0.000	0.000	0.000
02:00:00	14.3	14.6	18.5	14.4	8.9	11.8	8.7	10.9	-0.049	0.000	0.000	0.000
02:15:00	13.7	14.0	17.0	27.8	8.8	10.7	10.1	10.2	-0.052	0.000	0.000	0.000
02:30:00	13.2	11.9	16.6	33.9	8.8	9.4	11.0	10.0	-0.053	0.000	0.000	0.000
02:45:00	13.8	12.8	15.8	17.6	8.9	9.9	9.1	9.8	-0.049	0.000	0.000	0.000
03:00:00	13.3	15.2	16.8	15.0	8.8	10.2	8.2	10.3	-0.048	0.000	0.000	0.000
03:15:00	13.7	14.3	16.1	17.1	8.4	10.6	8.6	10.0	-0.038	0.000	0.000	0.000
03:30:00	13.9	14.0	14.9	15.4	8.5	11.0	8.7	9.5	-0.035	0.000	0.000	0.000
03:45:00	14.3	14.9	15.0	14.8	8.5	12.7	8.5	9.5	-0.031	0.001	0.000	0.000
04:00:00	14.1	14.6	17.3	15.6	8.6	12.2	8.9	11.2	-0.032	0.000	0.000	0.000
04:15:00	15.3	13.1	15.6	16.7	9.7	10.9	9.8	10.2	-0.032	0.000	0.000	0.000
04:30:00	16.0	14.6	15.1	19.5	10.1	12.3	11.6	10.0	-0.027	0.001	0.000	0.000
04:45:00	14.4	13.2	15.6	22.3	9.3	11.0	13.3	10.5	-0.029	0.000	0.000	0.000
05:00:00	13.9	14.5	14.8	21.2	9.6	11.9	13.7	10.2	-0.030	0.000	0.000	0.000
05:15:00	13.2	19.2	15.6	17.9	9.2	16.9	11.5	11.0	-0.032	0.001	0.000	0.000
05:30:00	29.4	19.7	15.0	17.1	11.5	17.4	11.9	11.1	-0.028	0.001	0.000	0.000
05:45:00	59.8	20.0	16.7	17.4	15.3	17.5	11.9	12.6	-0.030	0.000	0.000	0.000
06:00:00	12.3	17.5	19.3	16.8	9.0	15.1	10.8	14.0	-0.024	0.000	0.000	0.000
06:15:00	12.9	16.7	75.6	14.6	9.3	14.2	9.9	24.0	-0.023	0.000	0.000	0.000
06:30:00	133.1	16.2	47.3	14.8	21.9	12.7	10.2	18.3	-0.022	0.000	0.000	0.000
06:45:00	14.9	19.2	45.6	15.6	9.9	13.8	10.3	17.7	-0.019	0.001	0.000	0.000
07:00:00	14.8	18.4	35.5	30.8	10.5	14.0	14.8	15.8	-0.020	0.000	0.000	0.000
07:15:00	15.2	17.7	29.5	32.6	11.0	13.3	15.4	14.5	-0.025	0.000	0.000	0.000
07:30:00	14.7	17.7	26.0	50.6	10.1	13.2	19.6	14.3	-0.028	0.000	0.000	0.000
07:45:00	26.4	17.9	29.4	55.3	11.2	14.4	19.8	16.1	-0.031	0.000	0.000	0.000
08:00:00	23.7	18.4	27.6	37.7	11.0	14.5	17.9	15.2	-0.037	0.000	0.000	0.000
08:15:00	22.6	17.4	24.4	27.3	11.3	13.7	13.6	14.8	-0.044	0.001	0.000	0.000
08:30:00	84.9	16.5	26.0	14.6	19.0	13.5	9.5	15.3	-0.058	0.000	0.000	0.000
08:45:00	14.1	14.2	21.0	11.6	8.9	11.5	7.5	12.9	-0.063	0.001	0.000	0.000
09:00:00	13.1	12.6	14.3	10.8	7.5	9.8	6.5	9.1	-0.064	0.000	0.000	0.000
09:15:00	13.6	11.8	12.9	11.3	7.6	8.5	6.7	7.8	-0.064	0.000	0.000	0.000
09:30:00	14.3	12.4	12.6	12.2	7.8	8.6	7.1	8.0	-0.061	0.000	0.000	0.000
09:45:00	15.3	12.1	13.6	13.0	7.9	8.2	7.1	8.2	-0.054	0.000	0.000	0.000
10:00:00	14.8	12.0	14.0	13.1	7.2	7.9	6.7	7.7	-0.045	-0.001	0.000	0.000
10:15:00	13.7	10.3	12.1	11.6	6.4	6.5	6.1	7.0	-0.023	0.000	0.000	0.000
10:30:00	13.3	9.6	12.1	11.6	6.2	5.6	6.0	6.4	-0.009	0.000	0.000	0.000
10:45:00	12.7	9.3	11.4	11.2	5.8	5.3	5.7	6.2	-0.002	0.000	0.000	0.000
11:00:00	18.7	8.8	11.0	10.6	6.1	4.8	5.2	5.6	0.005	0.000	0.000	0.001
11:15:00	11.3	8.8	11.3	10.3	5.1	4.7	5.0	5.3	0.013	0.001	0.000	0.009
11:30:00	11.7	8.3	10.4	10.6	5.3	4.7	5.2	5.2	0.002	0.002	0.000	0.009
11:45:00	11.0	8.1	10.5	10.9	5.2	4.6	4.9	5.2	-0.020	0.003	0.000	0.000



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12:00:00	10.1	8.0	10.2	10.5	4.6	4.4	5.2	5.0	-0.043	0.003	0.000	0.000
12:15:00	10.8	7.8	9.9	10.2	4.8	4.3	5.1	4.8	-0.063	0.004	0.000	0.000
12:30:00	10.6	7.7	19.6	10.2	4.6	4.2	4.9	6.1	-0.089	0.005	0.000	0.000
12:45:00	11.8	7.6	10.3	10.6	4.8	4.1	4.9	4.6	-0.117	0.005	0.000	0.000
13:00:00	10.7	7.4	18.4	10.1	4.6	4.0	4.8	6.1	-0.141	0.005	0.000	0.000
13:15:00	13.7	7.5	13.4	9.5	4.9	4.0	4.6	5.1	-0.179	0.004	0.000	0.000
13:30:00	60.4	7.4	12.9	9.9	10.8	4.0	4.7	5.0	-0.194	0.004	0.000	0.000
13:45:00	9.6	7.6	9.5	9.5	4.3	4.0	4.7	4.4	-0.218	0.004	0.000	0.000
14:00:00	42.3	7.7	9.3	10.4	7.8	4.1	4.8	4.4	-0.235	0.003	0.000	0.000
14:15:00	10.0	7.7	8.7	9.5	4.5	4.2	4.8	4.4	-0.238	0.002	0.000	0.000
14:30:00	9.8	7.7	12.5	9.6	4.7	4.4	5.0	5.0	-0.233	0.003	0.000	0.000
14:45:00	10.3	7.2	10.7	9.9	4.6	4.3	5.0	4.8	-0.226	0.002	0.000	0.000
15:00:00	13.5	8.1	16.2	10.5	5.0	4.4	5.0	5.2	-0.205	0.002	0.000	0.000
15:15:00	13.7	8.6	9.9	11.0	5.0	4.5	5.0	4.8	-0.188	0.002	0.000	0.000
15:30:00	11.8	8.3	9.6	10.1	4.7	4.3	4.8	4.6	-0.185	0.001	0.000	0.000
15:45:00	10.8	7.5	9.5	9.7	4.5	4.0	4.5	4.4	-0.188	0.001	0.000	0.000
16:00:00	10.2	7.9	12.9	9.4	4.4	4.0	4.4	5.0	-0.186	0.001	0.000	0.000
16:15:00	10.9	8.0	22.0	9.5	4.3	3.9	4.4	6.2	-0.178	0.000	0.000	0.000
16:30:00	11.0	7.9	13.2	10.3	4.4	3.8	4.7	4.9	-0.150	0.000	0.000	0.000
16:45:00	11.2	7.3	11.0	11.0	4.7	3.9	5.1	4.8	-0.110	0.001	0.000	0.000
17:00:00	11.1	7.6	11.8	10.6	4.7	3.9	4.9	4.9	-0.073	0.000	0.000	0.000
17:15:00	11.2	7.8	13.7	10.4	4.6	4.0	5.1	5.0	-0.040	0.000	0.000	0.000
17:30:00	11.4	7.6	10.7	10.3	4.5	3.9	4.6	4.7	-0.014	0.000	0.000	0.004
17:45:00	30.8	7.8	10.5	12.6	6.7	3.8	4.9	4.6	0.000	0.000	0.000	0.007
18:00:00	14.6	8.2	11.3	12.3	5.1	3.9	5.0	4.7	0.006	0.000	0.000	0.009
18:15:00	12.0	8.4	11.8	11.2	5.0	4.1	4.8	4.8	0.014	0.000	0.001	0.010
18:30:00	11.2	8.4	10.8	11.8	4.9	4.2	5.0	4.9	0.013	-0.001	0.006	0.008
18:45:00	11.1	7.6	10.7	10.8	4.8	4.1	4.9	4.9	0.007	-0.001	0.010	0.004
19:00:00	11.5	7.9	11.8	10.2	5.0	4.2	4.9	5.0	-0.002	0.000	0.008	0.002
19:15:00	11.1	8.2	10.7	10.2	5.0	4.2	5.0	5.0	-0.010	0.000	0.008	0.000
19:30:00	11.5	8.7	10.6	25.3	5.0	4.2	7.6	5.0	-0.022	0.000	0.006	0.000
19:45:00	12.4	9.1	11.1	30.1	5.6	4.4	8.2	5.2	-0.024	0.000	0.006	0.000
20:00:00	12.0	8.0	10.5	11.7	5.6	4.5	5.5	5.5	-0.035	0.000	0.002	0.000
20:15:00	11.3	8.3	10.7	10.5	5.6	4.8	5.4	5.5	-0.041	0.000	0.000	0.000
20:30:00	11.9	8.4	11.7	11.5	5.8	4.9	5.7	5.5	-0.049	0.000	0.000	0.000
20:45:00	12.8	8.5	11.8	17.8	6.1	5.0	6.7	5.6	-0.056	0.001	0.000	0.000
21:00:00	12.8	8.7	11.6	16.7	6.3	5.1	6.6	5.6	-0.066	0.001	0.000	0.000
21:15:00	13.7	9.4	24.8	31.0	6.6	5.4	9.2	6.9	-0.071	0.000	0.000	0.000
21:30:00	13.4	9.1	15.6	15.0	6.8	5.5	7.1	6.3	-0.081	0.000	0.000	0.000
21:45:00	12.9	9.1	28.7	11.9	7.0	5.7	6.6	7.6	-0.082	0.000	0.000	0.000
22:00:00	12.6	9.3	12.5	12.2	7.0	5.9	6.8	6.3	-0.082	0.000	0.000	0.000
22:15:00	12.1	9.7	13.9	12.8	6.8	6.1	7.1	6.4	-0.084	0.000	0.000	0.000
22:30:00	12.9	8.9	11.7	19.2	7.1	5.9	9.5	6.1	-0.080	0.000	0.000	0.000
22:45:00	13.2		12.2	41.0	7.4		12.6	6.3	-0.084		0.000	0.000
23:00:00	12.7		12.1	12.6	7.4		7.5	6.2	-0.089		0.000	0.000
23:15:00	12.6		13.9	10.6	7.3		6.8	6.6	-0.085		0.000	0.000
23:30:00	12.3		15.9	11.4	7.3		7.2	6.9	-0.082		0.000	0.000
23:45:00	12.1		11.5	11.6	7.3		7.4	6.3	-0.081		0.000	0.000



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