



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-04

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.2240 Max : 9.664	2943 ESE	2693 NNE	2996 SE	2997 N	Min : 68.00 Max : 90.14	Min : 60.10 Max : 94.10	Min : 29.91 Max : 30.13

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)
2693	12.4	16.6	6.7	9.4	0.000	0.001
2943	16.8	24.2	7.2	10.8	-0.001	0.076
2996	16.0	23.6	7.3	11.1	0.001	0.011
2997	21.4	46.6	7.1	10.3	0.004	0.041



Figure 1 : Monitoring Locations

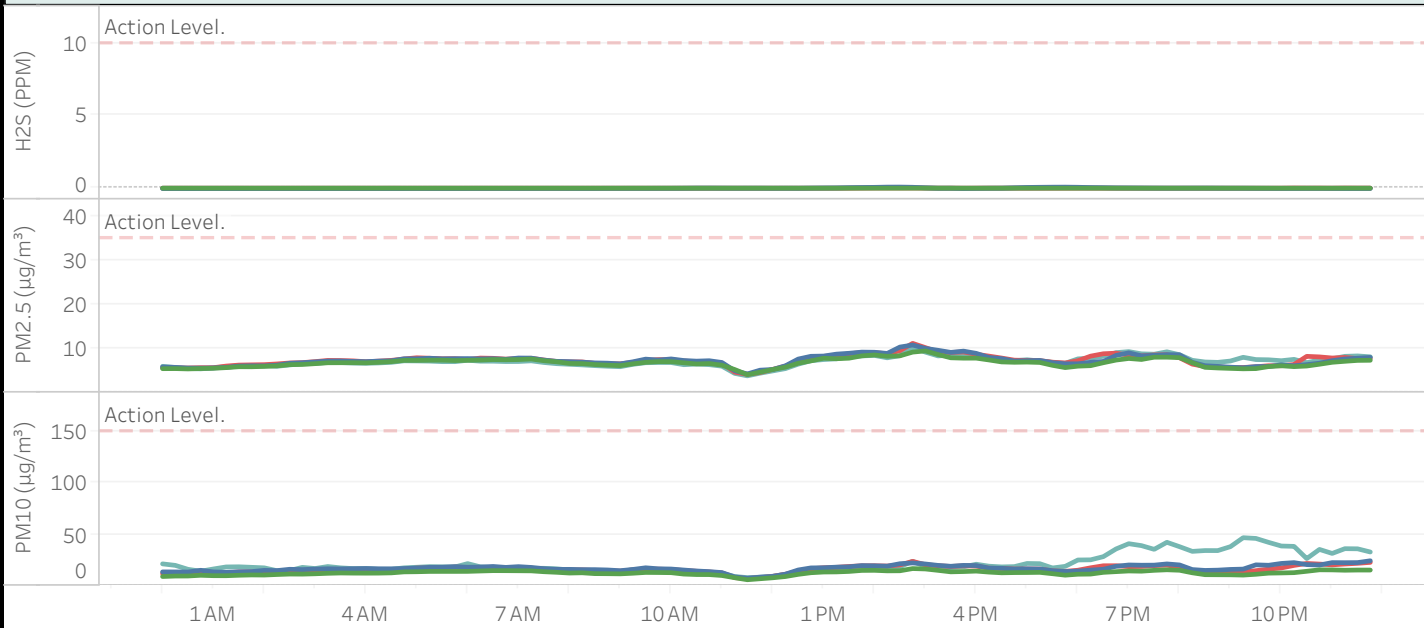


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

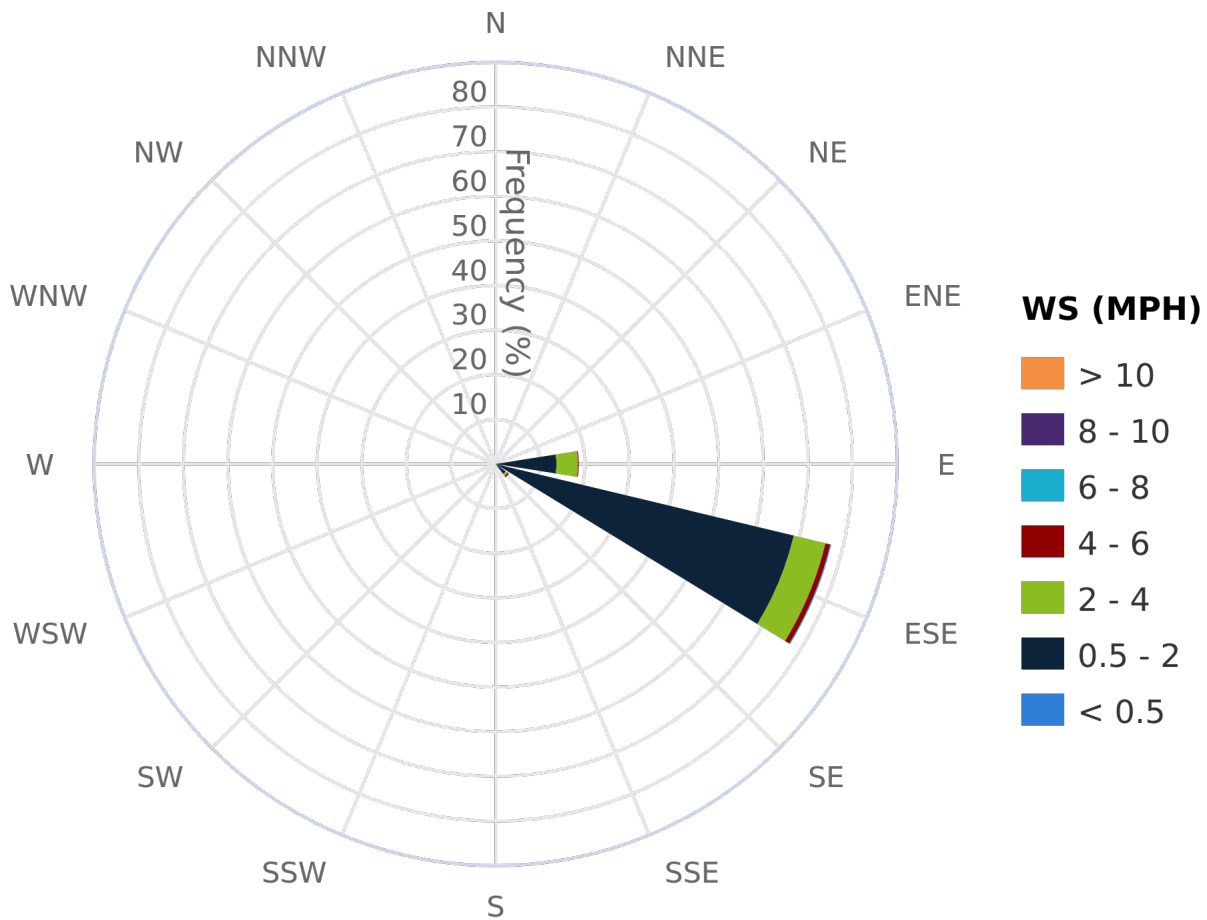


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

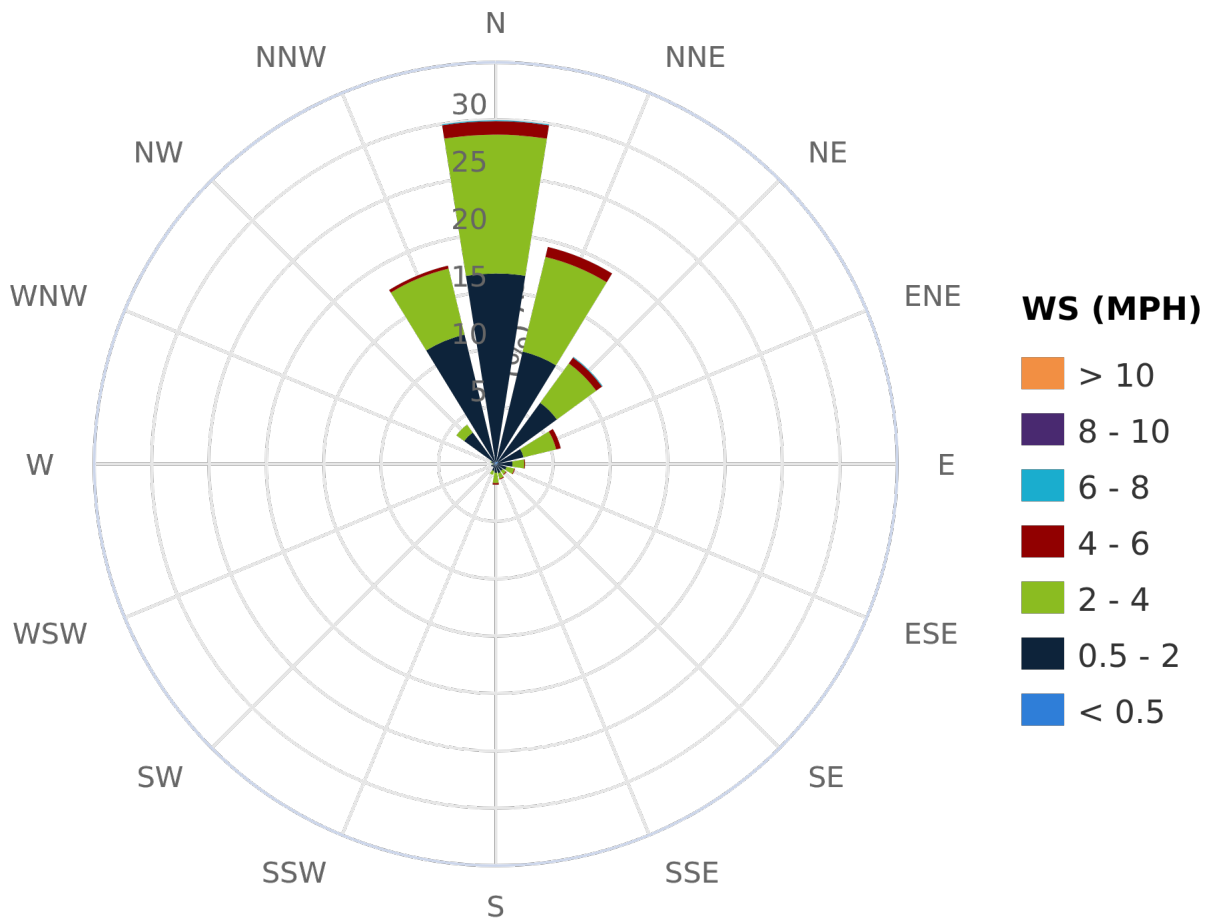


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

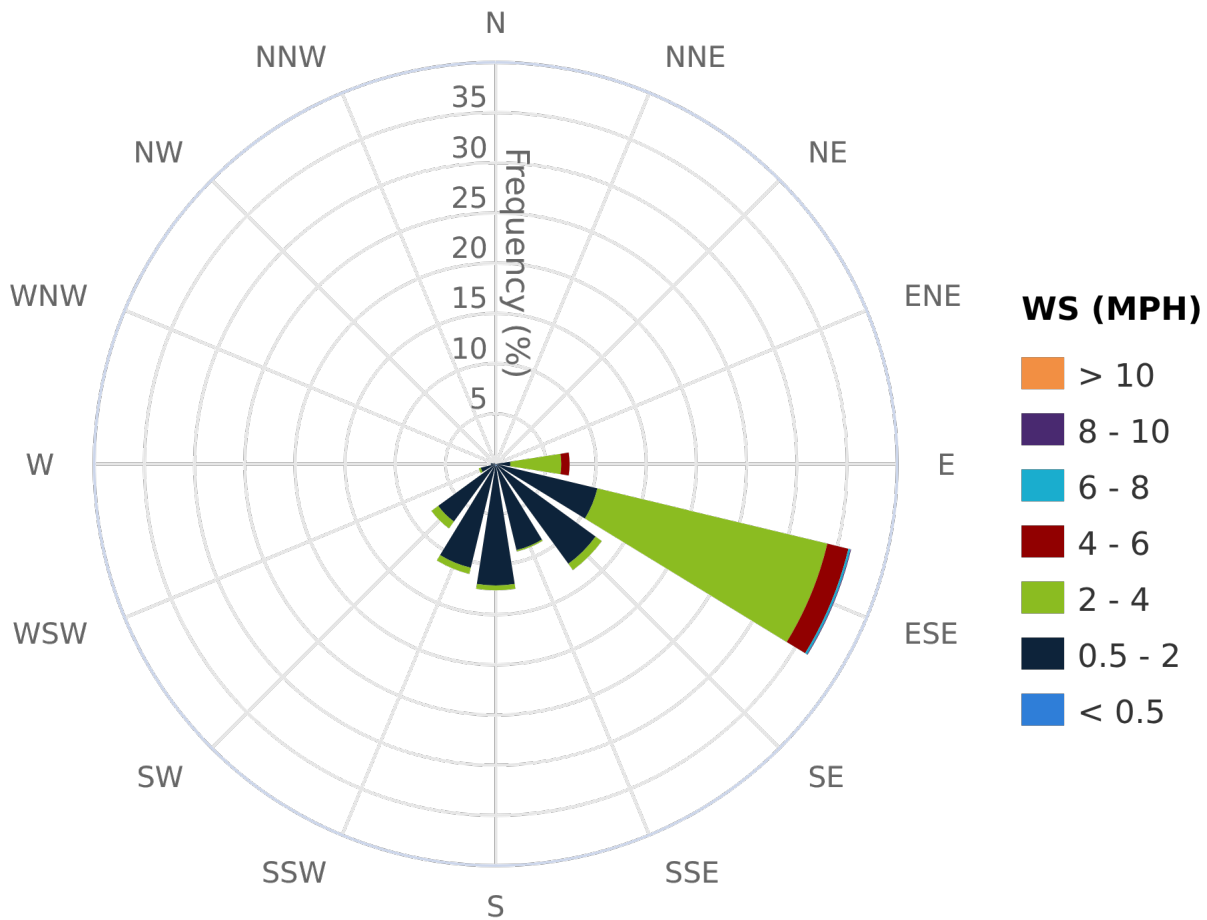


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

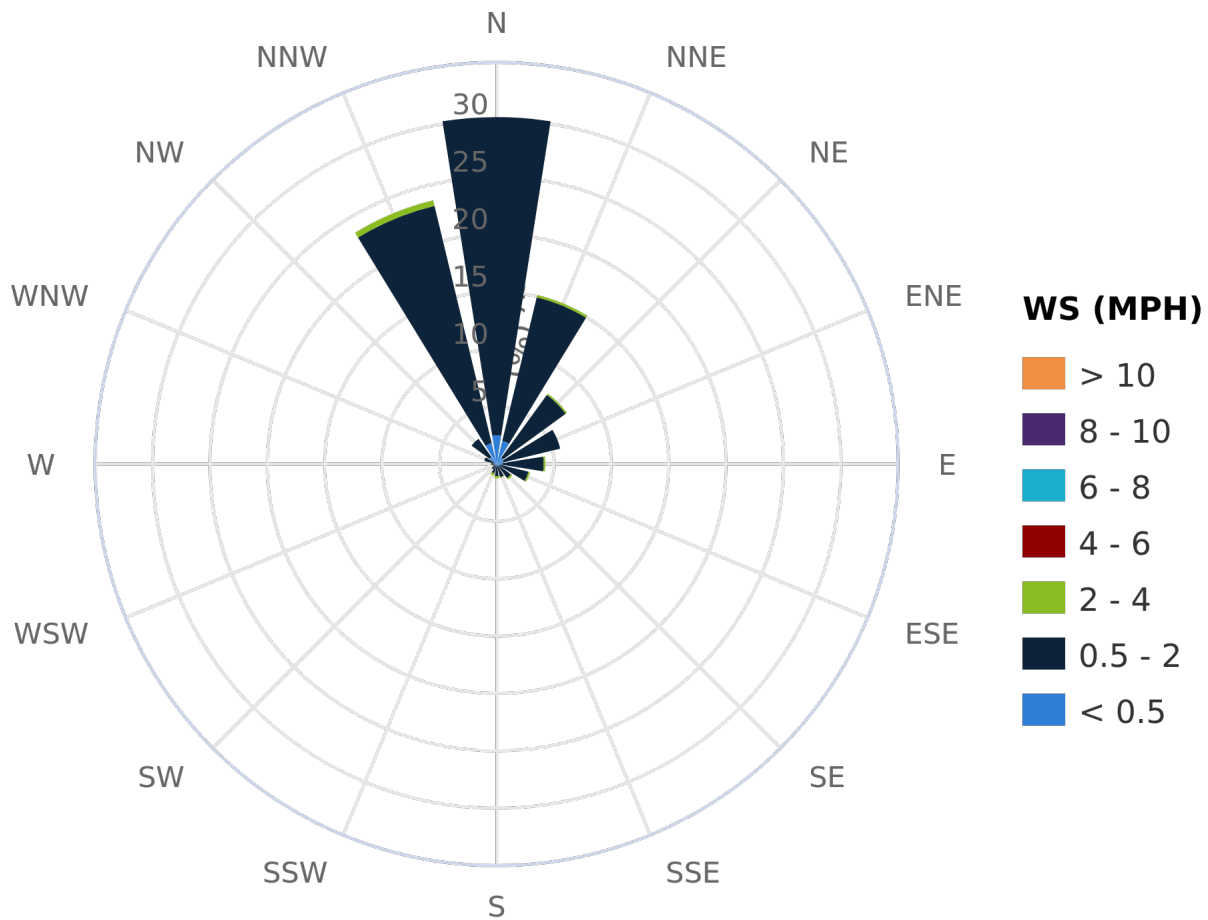


Figure 3 : Wind Rose Chart (WS in MPH)



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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	13.4	9.0	21.2	11.8	5.8	5.4	5.6	6.0	-0.029	-0.001	0.000	0.000
00:15:00	13.4	9.4	19.8	12.3	5.7	5.4	5.6	5.7	-0.026	0.001	0.000	0.000
00:30:00	13.3	9.5	15.9	12.7	5.6	5.4	5.6	5.4	-0.029	0.001	0.000	0.000
00:45:00	15.0	10.2	14.1	11.7	5.5	5.4	5.6	5.4	-0.026	-0.001	0.000	0.000
01:00:00	13.4	9.8	16.3	11.9	5.6	5.5	5.6	5.6	-0.025	0.000	0.000	0.000
01:15:00	13.1	9.7	18.2	12.5	5.7	5.7	6.0	5.9	-0.025	0.000	0.000	0.000
01:30:00	13.6	10.2	18.4	13.4	6.0	5.9	6.2	6.1	-0.026	0.001	0.000	0.000
01:45:00	13.7	10.5	17.9	13.4	6.1	5.8	6.3	6.1	-0.024	0.000	0.000	0.000
02:00:00	14.9	10.4	17.4	12.7	6.0	5.9	6.3	6.1	-0.023	0.000	0.000	0.000
02:15:00	14.7	10.9	14.6	12.8	6.2	6.0	6.5	6.0	-0.021	0.000	0.000	0.000
02:30:00	16.0	11.3	14.8	13.4	6.6	6.3	6.7	6.3	-0.022	0.000	0.000	0.000
02:45:00	15.7	11.3	17.8	14.1	6.8	6.4	6.8	6.5	-0.023	0.000	0.000	0.000
03:00:00	16.2	11.6	16.7	14.7	6.9	6.5	7.0	6.6	-0.024	0.000	0.000	0.000
03:15:00	16.5	12.1	18.6	16.0	7.1	6.7	7.3	6.8	-0.024	0.001	0.000	0.000
03:30:00	16.3	12.4	17.4	14.9	7.1	6.8	7.3	6.8	-0.022	0.000	0.000	0.000
03:45:00	16.6	12.2	16.6	15.3	7.1	6.8	7.2	6.7	-0.021	0.001	0.000	0.000
04:00:00	16.7	12.2	16.7	14.2	7.0	6.7	7.0	6.6	-0.022	0.000	0.000	0.000
04:15:00	16.5	12.3	15.9	14.9	7.1	6.8	7.1	6.7	-0.021	0.000	0.000	0.000
04:30:00	16.4	12.5	16.0	15.4	7.2	7.0	7.3	6.8	-0.023	0.001	0.000	0.000
04:45:00	16.7	13.4	17.4	15.9	7.6	7.3	7.6	7.2	-0.021	0.000	0.000	0.000
05:00:00	17.2	13.6	17.9	17.1	7.7	7.3	7.9	7.2	-0.018	0.000	0.000	0.000
05:15:00	17.9	13.9	18.5	17.1	7.8	7.3	7.8	7.1	-0.020	0.001	0.000	0.000
05:30:00	18.0	13.9	18.3	17.3	7.6	7.3	7.7	7.0	-0.021	0.001	0.000	0.000
05:45:00	18.6	13.9	18.2	18.1	7.7	7.3	7.7	7.0	-0.020	0.000	0.000	0.000
06:00:00	17.9	13.9	21.5	17.7	7.7	7.3	7.5	7.3	-0.019	0.000	0.000	0.000
06:15:00	18.1	14.3	18.3	17.4	7.6	7.4	7.8	7.1	-0.017	0.001	0.000	0.000
06:30:00	18.7	14.6	17.6	17.4	7.7	7.5	7.8	7.1	-0.016	0.000	0.000	0.000
06:45:00	17.8	14.6	17.6	17.4	7.5	7.4	7.6	7.0	-0.015	0.000	0.000	0.000
07:00:00	18.5	14.5	16.7	17.5	7.8	7.5	7.7	7.0	-0.017	0.000	0.000	0.000
07:15:00	17.8	14.4	16.9	17.2	7.8	7.6	7.8	7.2	-0.016	0.000	0.000	0.000
07:30:00	16.5	13.6	16.9	16.0	7.4	7.2	7.4	6.8	-0.014	0.001	0.000	0.000
07:45:00	15.9	13.0	16.5	15.6	7.1	7.0	7.0	6.5	-0.014	0.001	0.000	0.000
08:00:00	15.9	12.3	15.3	15.2	7.0	6.6	7.0	6.4	-0.015	0.000	0.000	0.000
08:15:00	15.6	12.6	14.7	15.4	6.9	6.6	6.9	6.3	-0.016	0.000	0.000	0.000
08:30:00	15.6	11.8	14.3	14.8	6.7	6.3	6.6	6.1	-0.015	0.000	0.000	0.000
08:45:00	15.3	11.7	13.8	14.3	6.7	6.2	6.5	6.0	-0.011	0.000	0.000	0.000
09:00:00	14.6	11.5	13.7	14.2	6.5	6.1	6.5	5.9	-0.011	0.000	0.000	0.000
09:15:00	15.8	12.1	15.7	15.3	7.0	6.5	6.8	6.4	-0.010	0.001	0.000	0.000
09:30:00	17.4	12.9	15.6	16.0	7.6	6.8	7.3	6.8	-0.011	0.001	0.000	0.000
09:45:00	16.4	12.8	15.5	16.1	7.4	7.0	7.5	6.8	-0.008	0.000	0.000	0.000
10:00:00	16.2	12.7	15.3	15.7	7.6	7.0	7.4	6.8	-0.008	0.000	0.000	0.000
10:15:00	15.3	11.3	14.1	14.8	7.3	6.7	7.2	6.3	-0.003	0.000	0.000	0.000
10:30:00	14.3	10.9	13.5	14.0	7.1	6.5	6.9	6.5	0.004	0.001	0.000	0.000
10:45:00	13.7	10.8	12.8	13.4	7.2	6.6	6.8	6.3	0.004	0.000	0.000	0.002
11:00:00	12.8	9.9	12.1	12.4	6.8	6.2	6.7	6.0	0.001	0.001	0.000	0.001
11:15:00	8.6	7.8	9.0	7.9	5.0	5.2	4.6	4.4	-0.002	0.001	0.000	0.000
11:30:00	7.3	5.9	7.9	7.0	4.2	4.1	4.1	3.8	-0.001	0.001	0.000	0.000
11:45:00	8.4	6.8	8.3	7.8	5.1	4.6	4.6	4.4	-0.001	0.001	0.000	0.000



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12:00:00	9.1	7.7	9.2	9.2	5.2	5.2	5.3	4.9	-0.004	0.000	0.000	0.000
12:15:00	11.3	8.9	11.1	11.2	6.1	5.8	6.0	5.4	-0.002	0.000	0.000	0.000
12:30:00	15.3	11.0	13.3	14.3	7.6	6.6	7.1	6.4	-0.004	0.000	0.000	0.000
12:45:00	17.3	12.6	15.7	16.5	8.2	7.2	7.9	7.2	0.006	0.000	0.000	0.000
13:00:00	17.5	13.3	15.9	17.4	8.3	7.8	8.2	7.5	0.014	0.000	0.000	0.000
13:15:00	18.0	13.4	16.3	17.9	8.7	7.7	8.4	7.6	0.019	0.000	0.000	0.005
13:30:00	18.4	13.9	17.5	18.7	8.9	7.8	8.8	8.1	0.035	0.000	0.001	0.012
13:45:00	19.6	14.9	18.5	19.3	9.2	8.3	9.1	8.3	0.046	0.000	0.005	0.025
14:00:00	19.3	14.9	19.1	19.4	9.1	8.5	9.0	8.4	0.057	0.000	0.009	0.033
14:15:00	19.0	14.4	17.3	19.1	8.9	8.2	8.8	7.9	0.073	-0.001	0.009	0.039
14:30:00	21.4	14.5	18.4	20.2	10.3	8.3	9.5	8.4	0.076	0.000	0.009	0.040
14:45:00	22.1	16.6	23.7	23.6	10.8	9.2	11.1	10.3	0.063	0.000	0.009	0.041
15:00:00	21.1	16.3	18.7	20.4	10.0	9.4	10.2	9.2	0.021	0.001	0.005	0.028
15:15:00	19.7	14.9	17.8	19.4	9.6	8.6	9.2	8.3	-0.008	0.000	0.002	0.010
15:30:00	18.9	13.5	17.6	18.7	9.1	7.9	9.1	8.5	-0.005	0.001	0.004	0.007
15:45:00	19.7	13.8	18.3	19.3	9.4	7.8	9.2	8.3	-0.024	0.000	0.000	0.000
16:00:00	19.6	14.2	20.9	19.0	8.9	7.8	8.7	8.3	-0.012	0.000	0.003	0.000
16:15:00	17.1	13.2	19.0	17.0	8.0	7.4	8.3	7.8	-0.004	0.000	0.005	0.000
16:30:00	16.9	12.6	18.3	16.7	7.7	6.9	7.8	7.4	0.001	0.001	0.003	0.000
16:45:00	16.2	12.8	18.6	16.2	7.1	6.9	7.3	7.2	0.028	0.000	0.005	0.000
17:00:00	16.5	12.8	21.6	16.2	7.2	6.9	7.3	7.4	0.051	0.000	0.002	0.002
17:15:00	16.3	13.0	21.4	16.2	7.3	6.8	7.2	7.1	0.061	0.000	0.002	0.009
17:30:00	14.6	11.7	17.2	14.4	6.8	6.2	6.9	6.9	0.069	0.000	0.000	0.018
17:45:00	13.8	10.3	18.8	14.0	6.5	5.7	6.7	6.6	0.072	0.000	0.001	0.021
18:00:00	14.2	11.2	25.0	15.1	6.5	6.0	7.2	7.6	0.062	0.000	0.003	0.016
18:15:00	15.1	11.3	25.1	17.4	6.9	6.1	8.2	7.8	0.044	0.000	0.003	0.010
18:30:00	16.0	13.0	28.2	19.4	7.1	6.8	8.8	8.2	0.034	0.000	0.002	0.007
18:45:00	18.9	13.7	35.7	19.4	8.4	7.4	8.9	9.0	0.020	0.000	0.001	0.003
19:00:00	20.1	14.3	40.8	18.5	9.0	7.7	8.4	9.3	0.017	0.000	0.000	0.000
19:15:00	19.9	14.1	38.9	18.7	8.3	7.5	8.3	8.8	0.012	0.000	0.000	0.000
19:30:00	20.0	15.0	35.3	19.5	8.4	8.0	8.5	8.7	0.006	-0.001	0.000	0.000
19:45:00	21.2	15.5	42.1	20.0	8.6	8.0	8.6	9.2	0.003	0.000	0.000	0.000
20:00:00	20.2	15.0	37.8	17.9	8.5	7.9	7.9	8.6	0.003	0.000	0.000	0.000
20:15:00	15.7	12.5	33.3	14.1	6.8	6.8	6.4	7.3	0.004	0.000	0.000	0.001
20:30:00	14.9	10.7	34.1	12.8	6.1	5.7	5.9	6.9	0.005	0.000	0.000	0.003
20:45:00	15.1	10.7	34.1	13.0	5.9	5.6	5.8	6.8	0.000	0.000	0.000	0.003
21:00:00	15.8	10.6	37.9	13.7	5.8	5.5	5.7	7.1	-0.003	-0.001	0.000	0.002
21:15:00	16.2	10.3	46.6	13.3	5.6	5.4	5.7	8.0	-0.003	0.000	0.000	0.001
21:30:00	20.3	11.1	45.9	14.6	5.9	5.4	5.8	7.5	-0.008	0.000	0.000	0.001
21:45:00	19.9	12.2	42.0	16.1	5.9	5.9	6.1	7.4	-0.009	-0.001	0.000	0.000
22:00:00	21.6	12.4	38.5	17.3	6.3	6.1	6.1	7.2	-0.014	-0.001	0.002	0.000
22:15:00	22.4	12.7	38.2	19.7	6.1	5.9	6.4	7.5	-0.014	0.000	0.011	0.000
22:30:00	20.5	14.0	26.3	21.6	6.3	6.0	8.2	6.8	-0.011	0.000	0.006	0.000
22:45:00	20.1	15.4	35.2	21.0	6.7	6.4	8.1	7.4	-0.012	-0.001	0.007	0.000
23:00:00	22.4	15.4	31.3	20.3	7.2	6.9	7.8	7.6	-0.015	-0.001	0.002	0.000
23:15:00	22.4	15.1	35.9	21.1	7.6	7.1	8.0	8.2	-0.021	0.000	0.009	0.000
23:30:00	22.5	15.2	35.8	21.7	7.8	7.3	7.7	8.3	-0.021	0.000	0.006	0.000
23:45:00	24.2	15.2	32.7	22.7	8.0	7.3	7.7	8.1	-0.021	0.000	0.007	0.000



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