



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-06

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.01000 Max : 8.142	2943 NE	3277 N	2996 S	2997 NNW	Min : 52.52 Max : 83.48	Min : 43.60 Max : 91.00	Min : 29.89 Max : 30.11

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	8.5	66.4	4.4	13.6	-0.005	0.058
2996	6.1	16.6	4.1	11.5	0.000	0.004
2997	6.3	16.6	4.2	12.4	0.006	0.038
3277	8.4	22.5	6.7	20.4	0.008	0.044



Figure 1 : Monitoring Locations

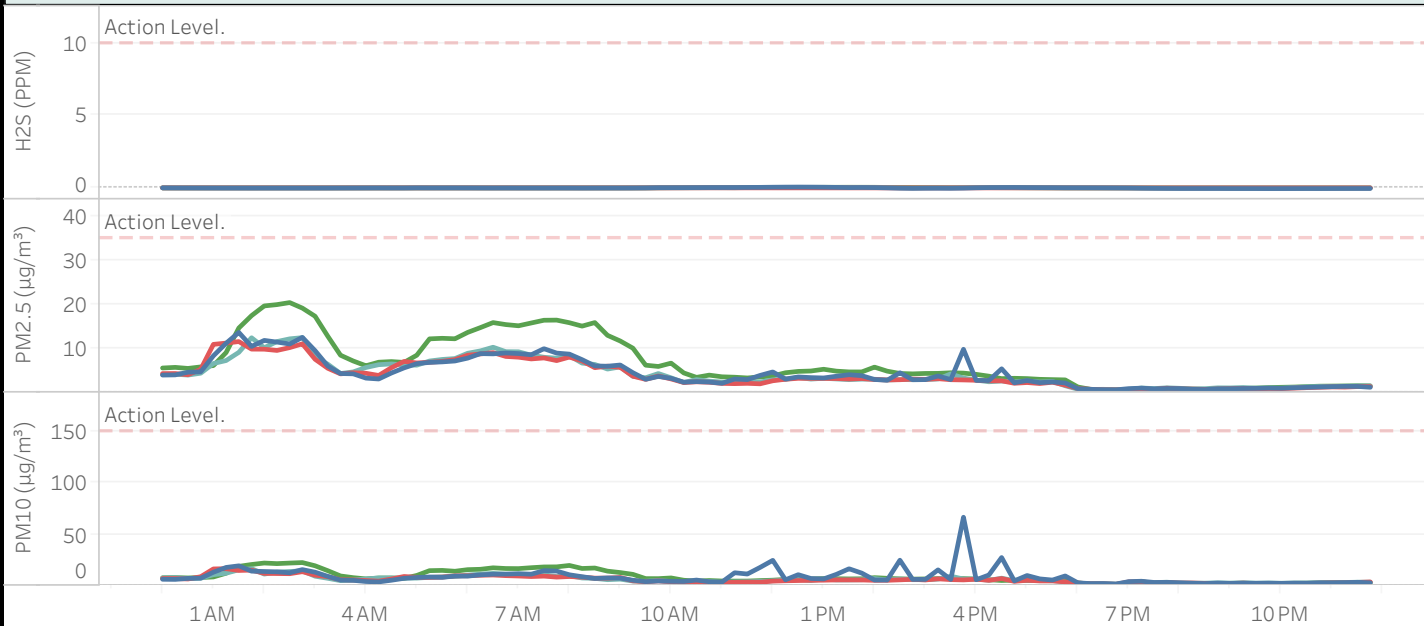


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



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Wind Rose Chart 2943

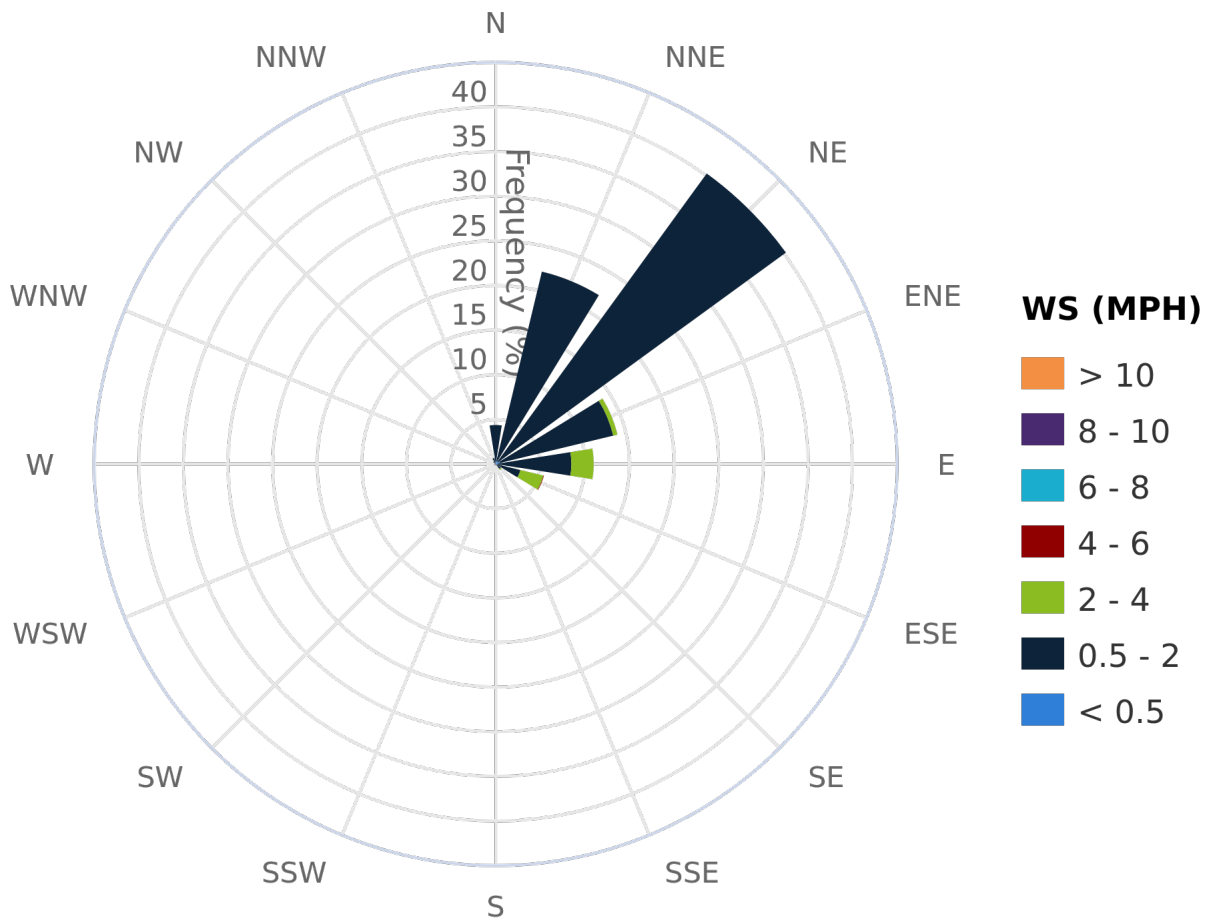


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

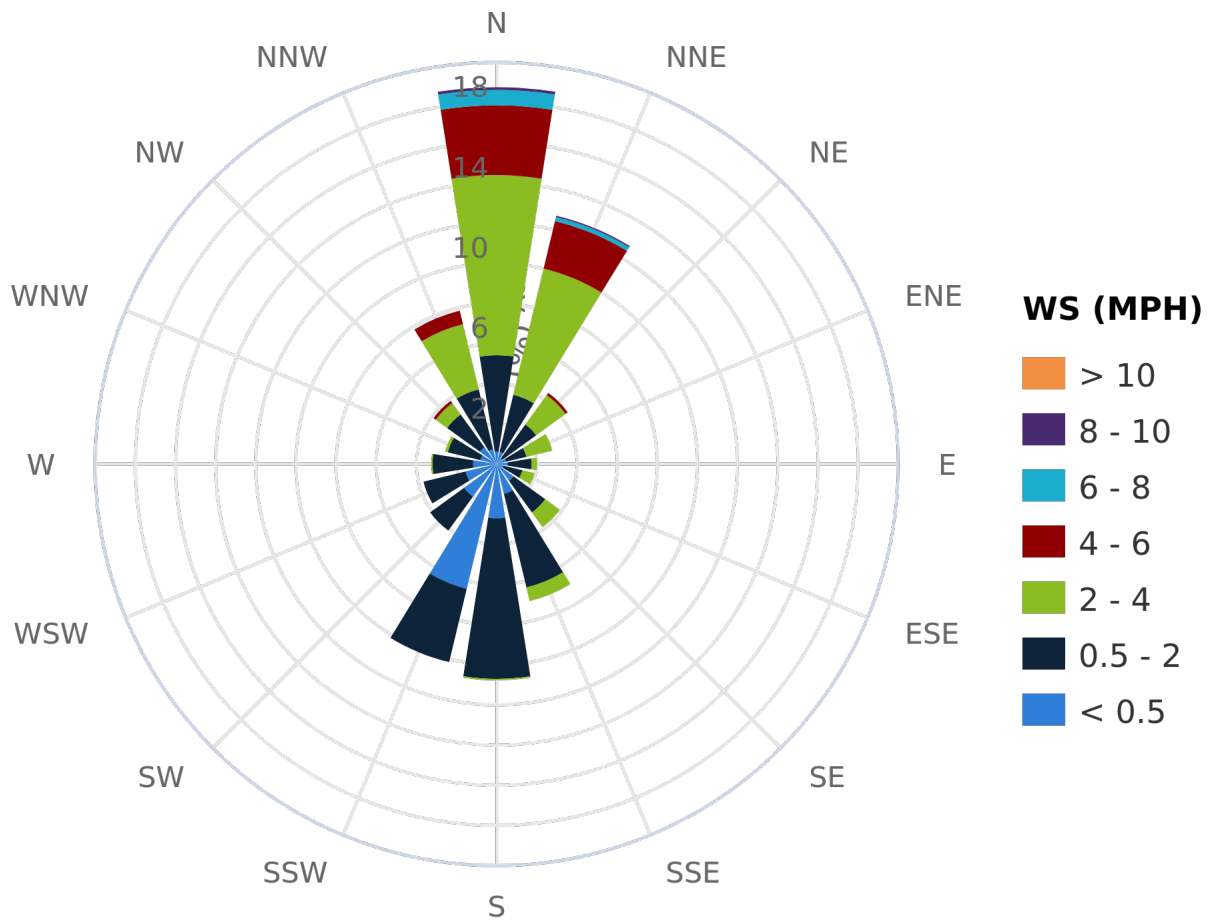


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

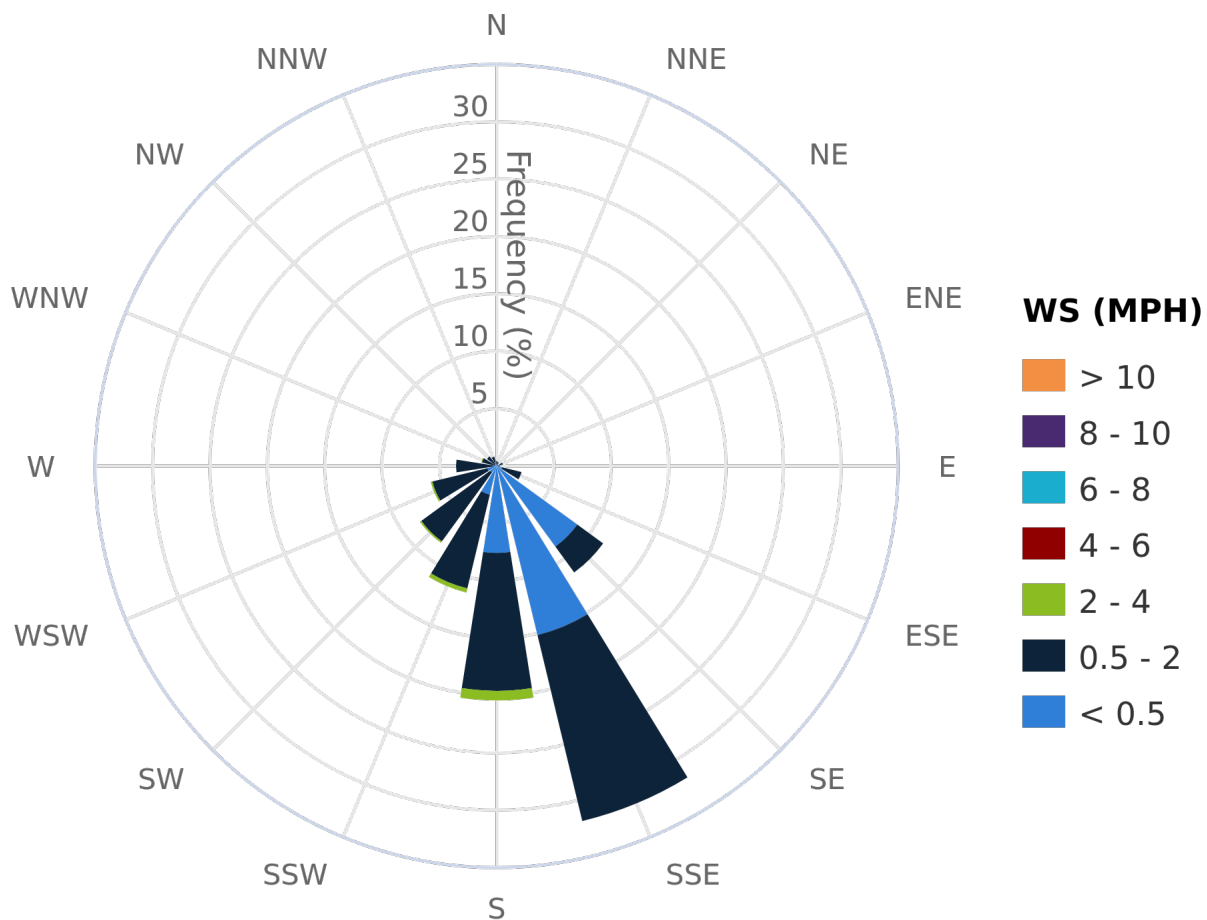


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

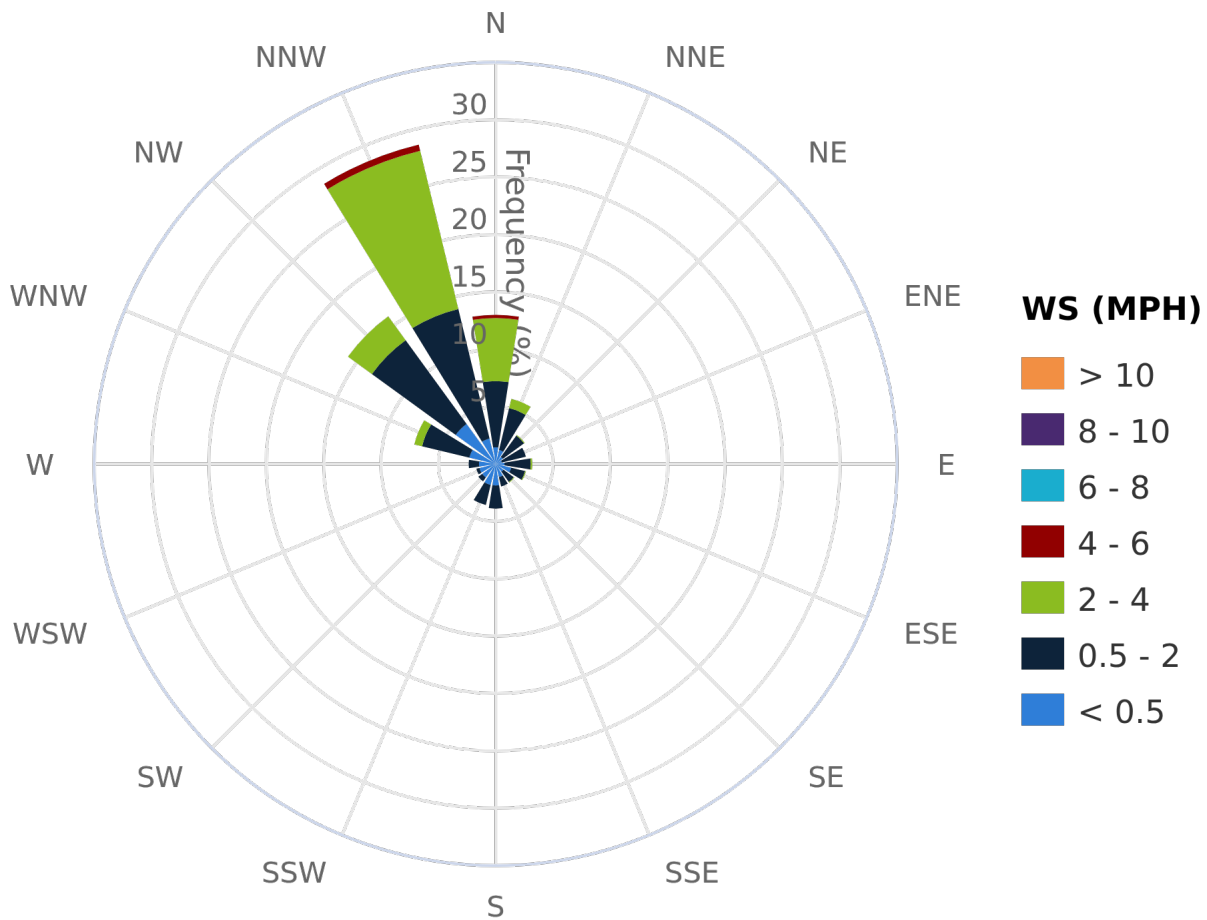


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3277 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3277 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	6.3	7.8	7.6	7.0	4.0	5.6	4.3	4.1	0.001	0.000	0.000	0.000
00:15:00	6.2	7.9	7.9	7.0	4.0	5.7	4.3	4.2	-0.004	0.000	0.000	0.000
00:30:00	7.2	7.6	6.9	6.6	4.6	5.5	4.1	4.0	-0.006	0.000	0.000	0.000
00:45:00	7.3	7.9	7.3	8.8	4.7	5.8	5.3	4.4	-0.008	0.000	0.000	0.000
01:00:00	13.1	8.5	10.7	16.3	8.3	6.1	10.9	6.6	-0.010	0.000	0.000	0.000
01:15:00	17.8	12.2	12.2	16.6	11.2	9.1	11.2	7.3	-0.011	0.000	0.000	0.000
01:30:00	19.3	18.8	15.5	14.8	13.6	14.6	11.5	9.1	-0.012	0.000	0.000	0.000
01:45:00	14.2	20.6	16.6	15.1	10.4	17.4	9.8	12.4	-0.013	0.000	0.000	0.000
02:00:00	13.8	22.0	11.3	12.0	11.8	19.6	9.8	10.2	-0.012	0.000	0.000	0.000
02:15:00	13.5	21.5	13.2	11.8	11.4	19.9	9.5	11.5	-0.012	0.000	0.000	0.000
02:30:00	12.6	22.0	13.8	11.7	11.0	20.4	10.2	12.2	-0.012	0.000	0.000	0.000
02:45:00	15.6	22.5	14.4	13.6	12.5	19.1	11.0	12.4	-0.012	0.000	0.000	0.000
03:00:00	13.1	19.3	9.3	10.2	9.5	17.3	7.5	8.0	-0.012	0.000	0.000	0.000
03:15:00	9.1	14.6	7.2	8.8	6.0	12.7	5.5	6.4	-0.010	0.000	0.000	0.000
03:30:00	5.6	9.5	5.0	5.9	4.3	8.5	4.2	4.3	-0.008	0.000	0.000	0.000
03:45:00	5.2	7.9	5.5	5.6	4.2	7.1	4.5	4.7	-0.007	0.000	0.000	0.000
04:00:00	4.1	6.7	6.7	5.1	3.3	6.1	4.4	5.7	-0.005	0.000	0.000	0.000
04:15:00	3.7	7.5	7.5	4.4	3.1	6.9	3.9	6.3	-0.003	0.000	0.000	0.000
04:30:00	5.3	7.5	7.6	6.5	4.4	7.0	5.6	6.5	-0.006	0.000	0.000	0.000
04:45:00	7.2	7.2	7.4	9.0	5.6	6.8	7.1	6.3	-0.007	0.000	0.000	0.003
05:00:00	8.0	10.0	7.4	8.2	6.5	8.5	6.7	6.2	0.002	0.000	0.000	0.001
05:15:00	8.5	14.6	8.2	8.1	6.8	12.2	6.9	7.1	-0.001	0.002	0.000	0.000
05:30:00	8.2	14.9	8.7	8.4	6.9	12.3	7.1	7.5	-0.001	0.002	0.000	0.001
05:45:00	9.4	14.1	9.1	9.6	7.2	12.2	7.5	7.7	0.000	0.001	0.000	0.000
06:00:00	9.3	15.6	10.4	9.7	7.8	13.6	8.5	8.9	-0.002	0.001	0.000	0.000
06:15:00	10.5	16.0	11.3	10.2	8.8	14.7	8.7	9.4	-0.005	0.000	0.000	0.000
06:30:00	11.2	17.4	12.0	10.4	8.8	15.8	9.0	10.3	-0.007	0.000	0.000	0.000
06:45:00	11.3	16.7	11.1	9.8	9.0	15.4	8.2	9.3	-0.006	0.000	0.000	0.000
07:00:00	11.7	16.6	11.1	9.4	8.8	15.1	8.0	9.2	-0.008	0.000	0.000	0.000
07:15:00	11.2	17.5	11.1	8.9	8.6	15.7	7.6	8.5	-0.008	0.000	0.000	0.000
07:30:00	14.7	18.2	10.6	9.3	9.9	16.4	7.8	8.0	-0.009	0.000	0.000	0.000
07:45:00	14.2	18.3	8.9	8.4	8.9	16.4	7.2	7.8	-0.008	0.000	0.000	0.000
08:00:00	10.6	19.7	9.7	8.9	8.7	15.8	8.0	8.3	-0.009	0.000	0.000	0.000
08:15:00	8.8	16.8	7.5	8.4	7.5	15.0	7.2	6.7	-0.012	0.000	0.000	0.000
08:30:00	7.1	17.2	7.2	7.4	6.0	15.8	5.6	6.4	-0.009	0.000	0.000	0.000
08:45:00	7.6	14.2	5.9	7.4	6.0	12.9	6.0	5.3	-0.008	0.000	0.000	0.000
09:00:00	7.4	12.8	6.4	8.1	6.2	11.7	5.7	5.8	-0.008	0.000	0.000	0.000
09:15:00	5.4	11.0	4.5	4.8	4.5	10.0	3.7	3.7	-0.006	0.000	0.000	0.000
09:30:00	4.0	6.9	4.4	3.9	3.0	6.2	3.0	3.4	0.000	0.001	0.000	0.003
09:45:00	4.6	6.9	5.1	4.7	3.7	5.9	3.8	4.3	0.014	0.008	0.000	0.007
10:00:00	4.3	7.6	4.1	3.9	3.2	6.7	3.1	3.4	0.014	0.013	0.000	0.008
10:15:00	4.2	5.4	3.3	3.6	2.4	4.5	2.3	2.3	0.015	0.013	0.002	0.008
10:30:00	5.5	4.5	4.3	3.6	2.5	3.5	2.4	2.9	0.019	0.015	0.003	0.009
10:45:00	3.9	5.1	4.1	3.3	2.4	4.0	2.3	2.6	0.023	0.017	0.003	0.011
11:00:00	3.6	4.6	3.4	3.1	2.1	3.6	2.1	2.4	0.025	0.016	0.004	0.011
11:15:00	12.6	4.5	3.7	3.3	3.1	3.5	2.0	2.3	0.026	0.014	0.002	0.012
11:30:00	11.4	4.6	3.9	3.6	2.9	3.3	2.1	2.3	0.032	0.021	0.002	0.019
11:45:00	17.8	5.0	4.2	3.4	3.9	3.5	2.0	2.4	0.038	0.029	0.001	0.024



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12:00:00	24.6	5.4	4.8	4.5	4.7	3.8	2.7	2.9	0.048	0.029	0.001	0.030
12:15:00	5.8	6.2	5.3	4.8	3.1	4.5	3.0	3.0	0.054	0.028	0.000	0.035
12:30:00	10.7	6.2	6.1	5.0	3.5	4.8	3.2	3.4	0.058	0.028	0.000	0.038
12:45:00	7.0	6.5	5.0	5.3	3.4	4.9	3.2	3.1	0.055	0.037	0.001	0.036
13:00:00	6.6	7.0	6.5	5.4	3.3	5.3	3.2	3.2	0.047	0.041	0.000	0.027
13:15:00	11.0	6.8	5.6	5.7	3.7	4.9	3.2	3.1	0.035	0.042	0.000	0.022
13:30:00	16.5	6.6	5.6	5.7	4.1	4.7	3.1	2.9	0.020	0.044	0.000	0.022
13:45:00	12.3	6.8	5.8	5.6	3.8	4.7	3.2	3.0	0.027	0.043	0.000	0.028
14:00:00	5.5	7.9	7.0	5.3	3.0	5.8	3.0	3.0	0.020	0.041	0.000	0.022
14:15:00	5.5	7.2	5.7	5.3	2.8	4.9	2.9	2.9	0.001	0.033	0.000	0.017
14:30:00	24.8	6.7	6.6	5.7	4.5	4.3	2.9	3.0	-0.021	0.037	0.000	0.007
14:45:00	6.2	6.4	5.9	6.2	2.9	4.2	3.1	2.9	-0.034	0.034	0.000	0.001
15:00:00	6.2	6.6	5.9	5.6	2.9	4.3	3.0	2.9	-0.026	0.027	0.000	0.008
15:15:00	15.4	6.9	6.4	6.7	3.8	4.4	3.2	3.1	-0.025	0.030	0.000	0.016
15:30:00	6.1	7.0	9.3	6.0	2.9	4.5	2.9	4.2	-0.030	0.027	0.000	0.022
15:45:00	66.4	6.9	6.5	5.7	9.8	4.4	2.9	3.3	-0.018	0.025	0.000	0.027
16:00:00	5.8	6.4	6.6	6.3	2.8	4.1	2.8	2.8	0.007	0.024	0.000	0.026
16:15:00	10.4	5.9	5.3	5.3	2.7	3.7	2.7	2.5	0.021	0.018	0.000	0.024
16:30:00	27.4	5.1	7.4	7.0	5.4	3.2	2.7	2.6	0.026	0.014	0.000	0.021
16:45:00	4.7	5.5	5.0	4.3	2.2	3.2	2.1	2.4	0.030	0.012	0.000	0.016
17:00:00	9.9	5.0	5.4	5.3	2.7	3.2	2.3	2.6	0.022	0.009	0.000	0.012
17:15:00	6.7	4.9	5.1	4.7	2.3	3.0	2.1	2.4	0.018	0.006	0.000	0.008
17:30:00	5.5	4.9	5.1	4.7	2.4	2.9	2.4	2.5	0.015	0.004	0.000	0.006
17:45:00	9.5	5.1	3.6	3.8	2.2	2.9	1.7	1.6	0.009	0.000	0.000	0.002
18:00:00	2.8	2.8	1.9	2.6	0.9	1.3	0.9	0.8	0.007	0.000	0.000	0.003
18:15:00	2.1	1.7	2.0	1.9	0.8	0.7	0.8	0.7	0.005	0.000	0.000	0.001
18:30:00	2.2	1.6	1.9	1.8	0.7	0.7	0.6	0.8	0.002	0.000	0.000	0.000
18:45:00	1.7	1.4	1.5	1.4	0.6	0.7	0.6	0.7	-0.003	0.000	0.000	0.000
19:00:00	4.0	2.5	2.7	3.8	0.9	0.7	0.7	0.7	-0.009	0.000	0.000	0.000
19:15:00	4.4	3.9	3.5	3.9	1.0	0.8	0.9	1.1	-0.023	0.000	0.000	0.000
19:30:00	3.2	2.4	3.1	2.4	0.9	0.7	0.7	0.9	-0.031	0.000	0.000	0.000
19:45:00	3.3	2.4	3.4	3.1	0.9	0.8	1.0	1.1	-0.037	0.000	0.000	0.000
20:00:00	2.9	2.2	2.8	2.6	0.9	0.9	0.8	1.0	-0.042	0.000	0.000	0.000
20:15:00	2.5	1.8	2.5	2.7	0.8	0.7	0.8	0.9	-0.041	0.000	0.000	0.000
20:30:00	2.2	1.8	2.6	2.3	0.7	0.7	0.7	0.9	-0.042	0.000	0.000	0.000
20:45:00	2.6	2.0	2.9	2.3	0.9	0.9	0.8	1.1	-0.041	0.000	0.000	0.000
21:00:00	2.3	2.0	2.6	2.2	0.9	1.0	0.9	1.1	-0.044	0.000	0.000	0.000
21:15:00	2.5	2.2	3.1	2.6	0.9	0.9	0.9	1.2	-0.046	0.000	0.000	0.000
21:30:00	2.4	2.3	2.5	2.1	1.0	1.0	0.9	1.0	-0.046	0.000	0.000	0.000
21:45:00	2.5	2.2	2.7	2.2	1.0	1.2	0.9	1.1	-0.049	0.000	0.000	0.000
22:00:00	2.3	2.3	2.5	2.1	1.0	1.2	0.9	1.0	-0.048	0.000	0.000	0.000
22:15:00	2.6	2.4	2.6	2.3	1.1	1.3	1.0	1.2	-0.047	0.000	0.000	0.000
22:30:00	2.5	2.5	2.6	2.3	1.2	1.4	1.1	1.3	-0.045	0.000	0.000	0.000
22:45:00	2.9	2.8	2.8	2.5	1.3	1.5	1.2	1.4	-0.046	0.000	0.000	0.000
23:00:00	2.9	2.9	2.8	2.8	1.4	1.5	1.3	1.4	-0.044	0.000	0.000	0.000
23:15:00	3.1	3.1	3.2	2.8	1.4	1.5	1.3	1.5	-0.042	0.000	0.000	0.000
23:30:00	3.4	3.1	3.5	3.3	1.4	1.6	1.4	1.5	-0.042	0.000	0.000	0.000
23:45:00	2.9	3.0	3.5	3.7	1.2	1.5	1.4	1.5	-0.041	0.000	0.000	0.000



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