



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-07

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.08900 Max : 23.98	2943 NE	3277 WNW	2996 SSW	2997 ENE	Min : 53.96 Max : 63.32	Min : 83.00 Max : 94.70	Min : 29.86 Max : 30.14

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	6.6	17.4	2.0	4.3	-0.017	0.003
2996	6.2	12.8	1.9	3.6	0.000	0.000
2997	8.2	14.0	2.2	4.2	0.000	0.002
3277	6.0	15.4	2.2	4.5	0.000	0.002



Figure 1 : Monitoring Locations

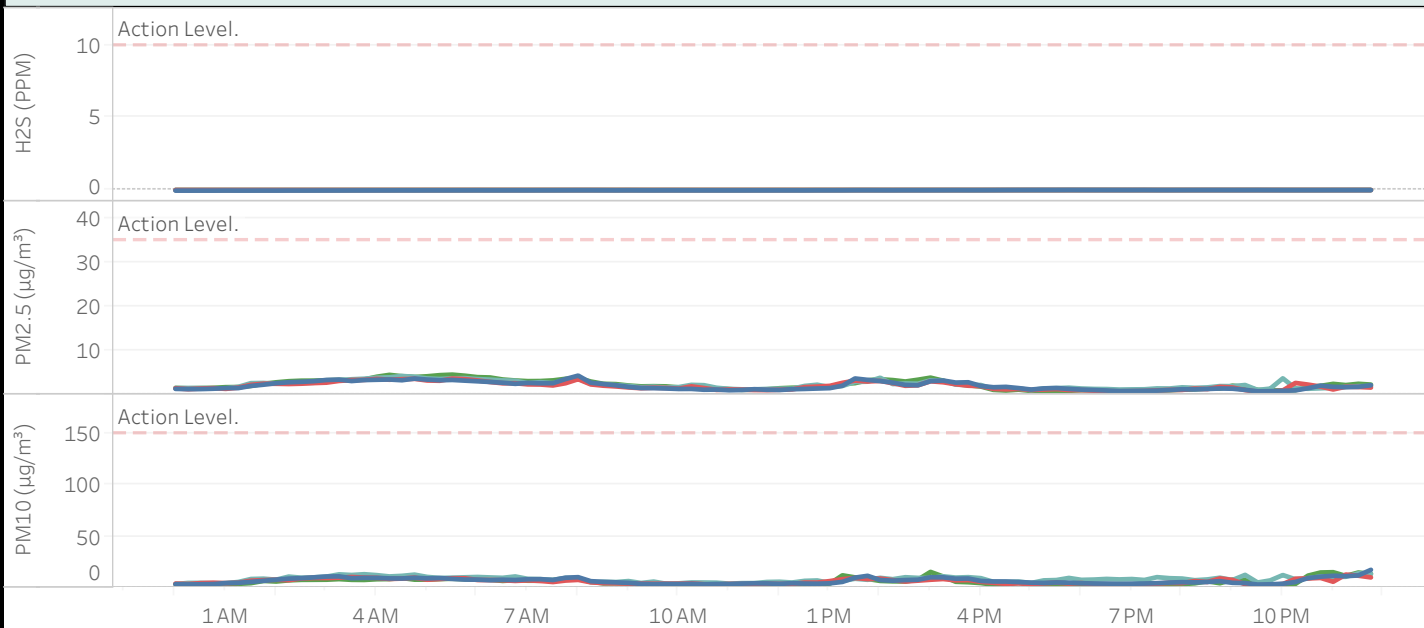


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



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Wind Rose Chart 2943

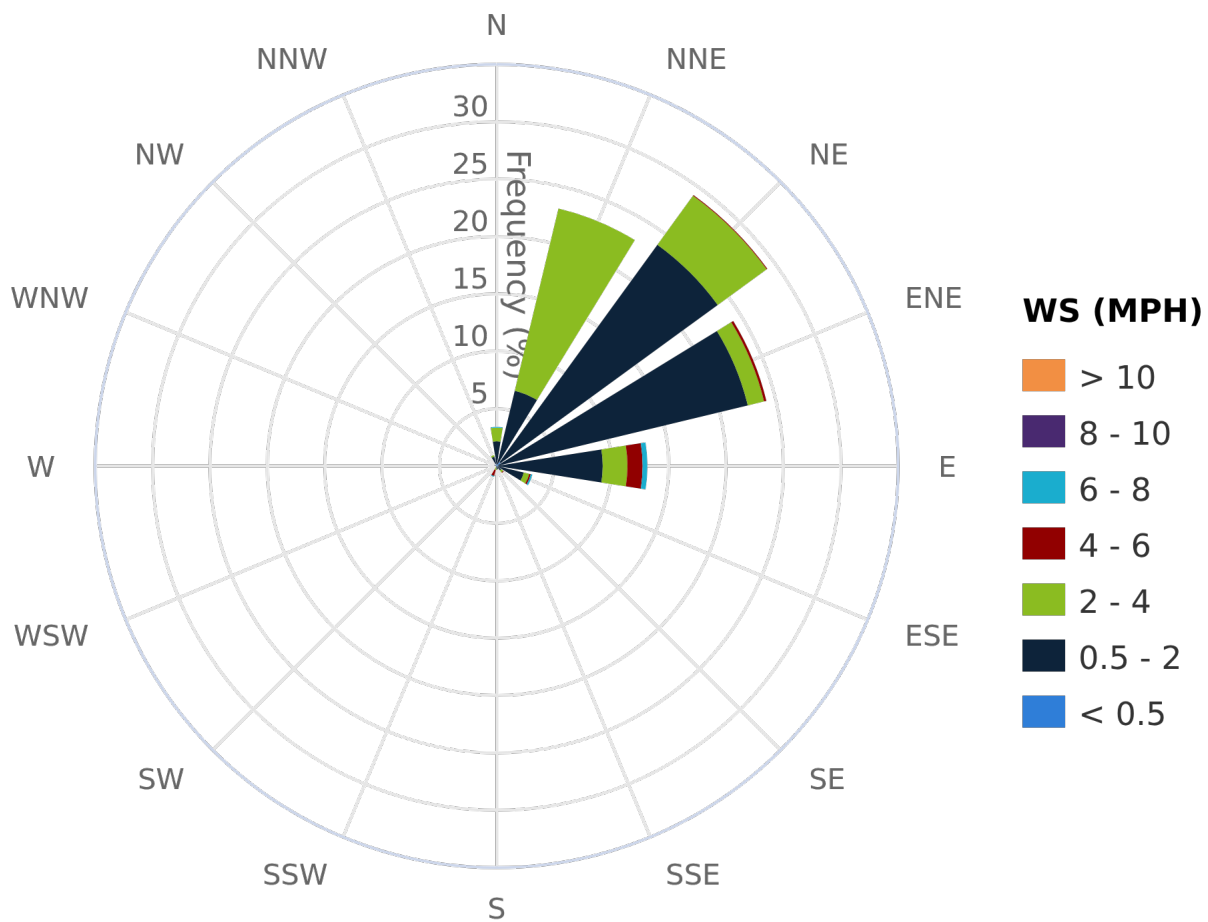


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

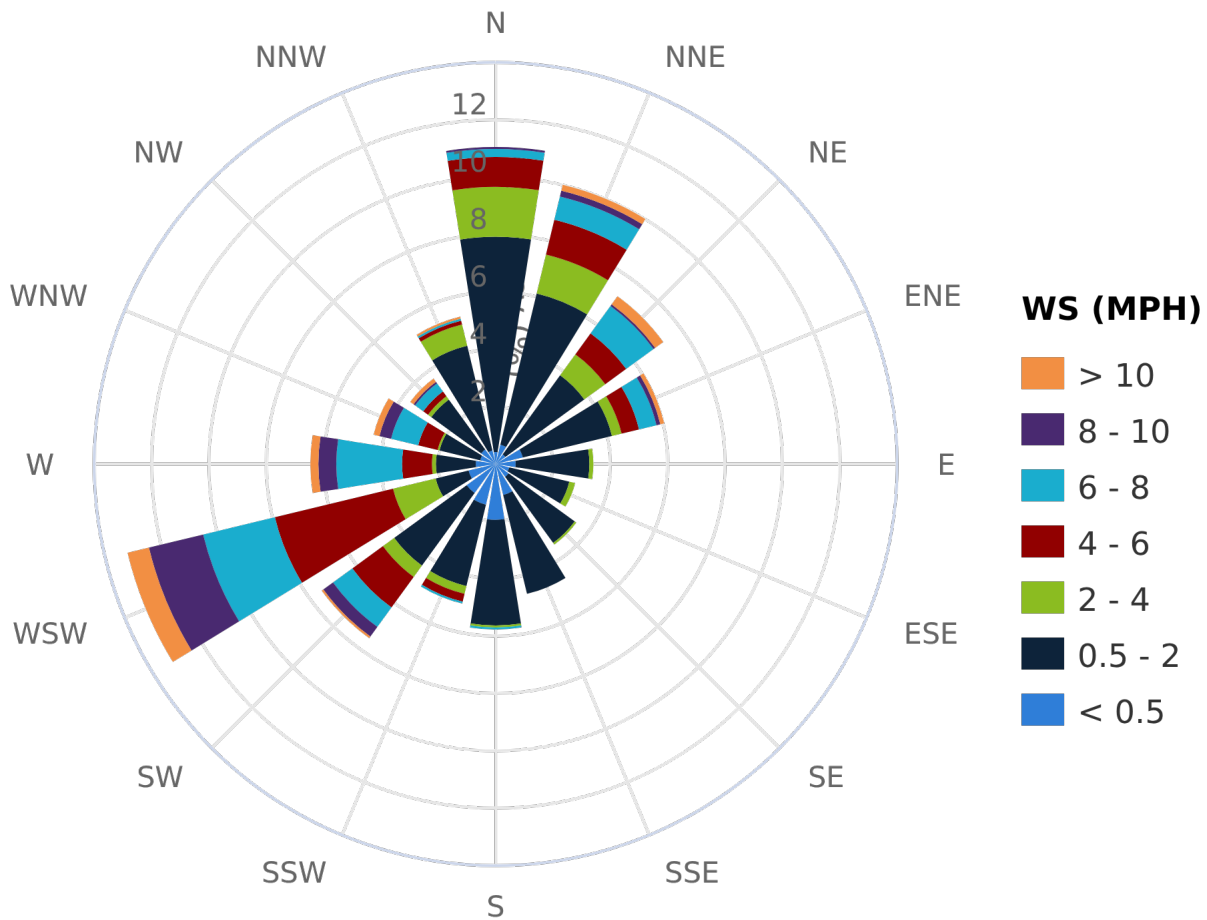


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

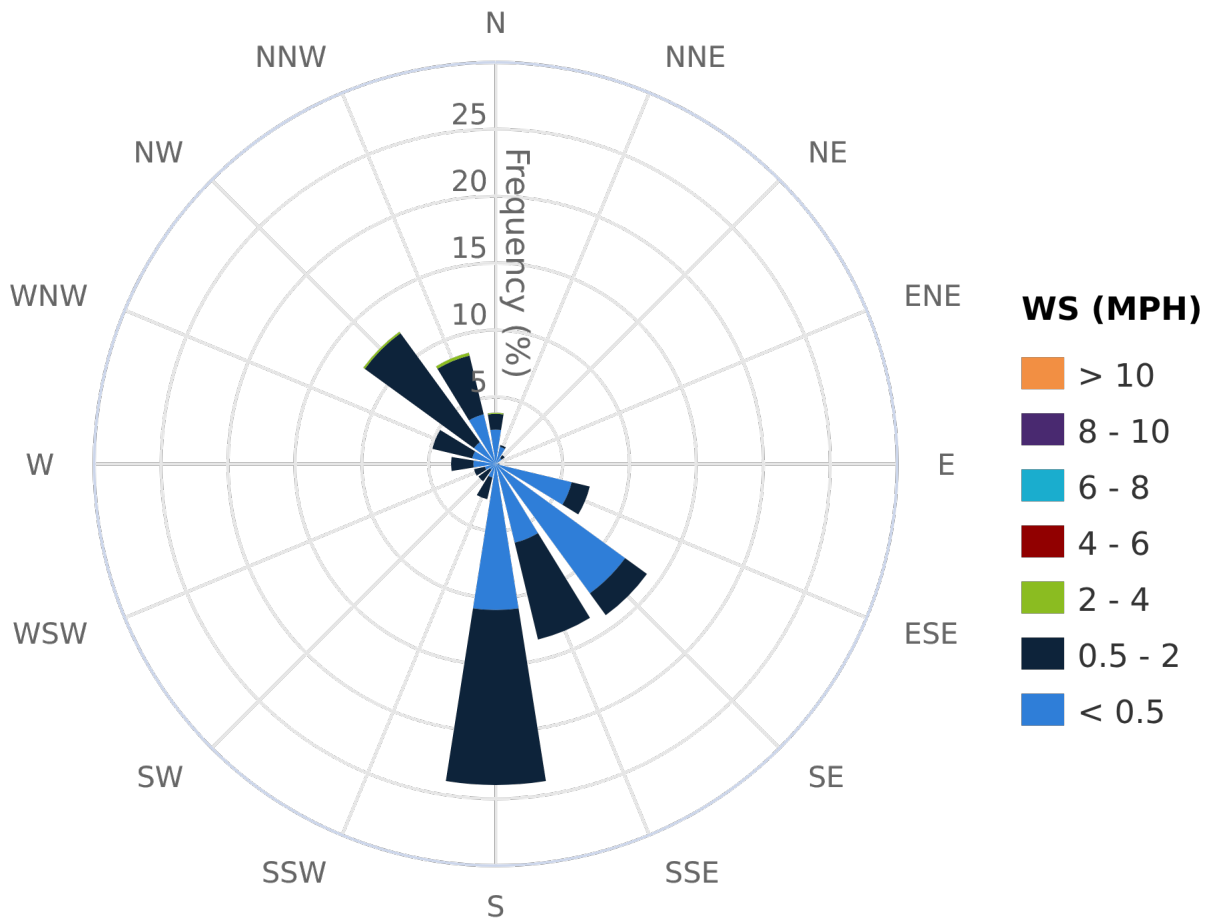


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

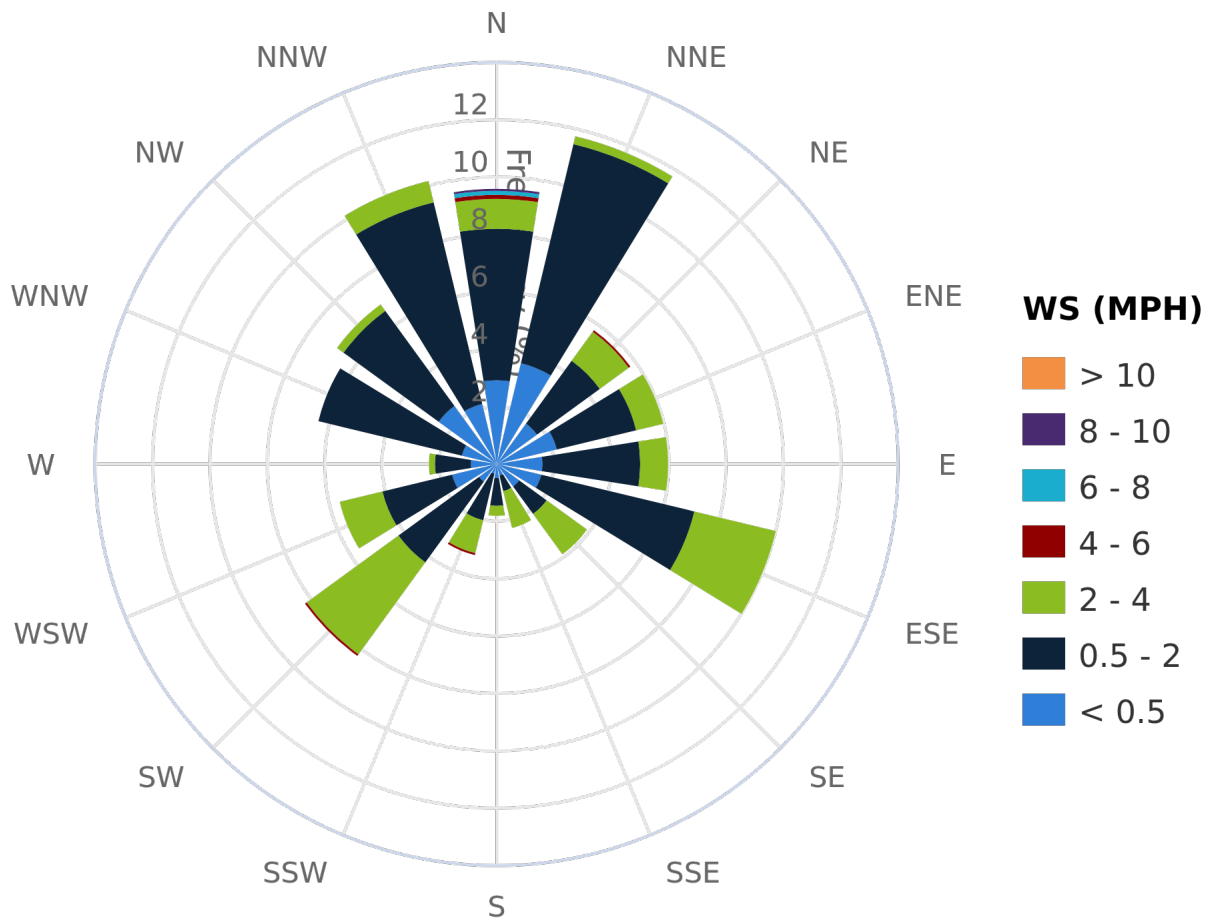


Figure 3 : Wind Rose Chart (WS in MPH)



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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	3.4	3.5	3.6	4.0	1.3	1.5	1.4	1.5	-0.039	0.000	0.000	0.000
00:15:00	3.2	3.0	4.6	3.6	1.2	1.4	1.2	1.5	-0.040	0.000	0.000	0.000
00:30:00	3.4	3.5	4.7	4.5	1.3	1.5	1.4	1.5	-0.038	0.000	0.000	0.000
00:45:00	3.6	3.4	4.4	4.8	1.3	1.5	1.5	1.4	-0.039	0.000	0.000	0.000
01:00:00	4.5	3.5	4.4	4.4	1.5	1.7	1.3	1.4	-0.034	0.000	0.000	0.000
01:15:00	4.9	3.8	5.6	4.8	1.5	1.7	1.6	1.8	-0.037	0.000	0.000	0.000
01:30:00	5.7	4.5	8.5	6.8	2.0	2.0	2.2	2.6	-0.037	0.000	0.000	0.000
01:45:00	6.7	6.7	8.8	7.4	2.3	2.5	2.5	2.6	-0.035	0.000	0.000	0.000
02:00:00	7.9	6.1	7.8	7.8	2.6	2.8	2.5	2.5	-0.036	0.000	0.000	0.000
02:15:00	8.8	7.2	10.8	7.4	2.8	3.0	2.4	2.6	-0.032	0.000	0.000	0.000
02:30:00	9.3	7.7	9.7	9.0	2.9	3.1	2.5	2.6	-0.034	0.000	0.000	0.000
02:45:00	10.1	7.7	10.1	9.5	3.0	3.2	2.6	2.7	-0.033	0.000	0.000	0.000
03:00:00	10.9	7.8	10.8	9.4	3.3	3.3	2.7	3.0	-0.031	0.000	0.000	0.000
03:15:00	11.0	8.4	13.0	9.8	3.4	3.3	3.1	3.3	-0.030	0.000	0.000	0.000
03:30:00	9.3	7.7	12.4	10.4	3.1	3.3	3.3	3.5	-0.028	0.000	0.000	0.000
03:45:00	9.6	7.6	13.1	9.9	3.3	3.4	3.3	3.6	-0.026	0.000	0.000	0.000
04:00:00	9.6	8.3	12.2	9.6	3.4	4.0	3.6	3.8	-0.026	0.000	0.000	0.000
04:15:00	9.1	8.4	11.0	8.5	3.4	4.5	3.4	3.9	-0.025	0.000	0.000	0.000
04:30:00	9.0	9.4	11.5	8.9	3.3	4.2	3.5	4.2	-0.023	0.000	0.000	0.000
04:45:00	9.7	7.9	12.7	9.8	3.6	4.0	3.6	4.0	-0.025	0.000	0.000	0.000
05:00:00	9.1	7.9	10.5	7.8	3.4	4.1	3.2	3.7	-0.022	0.000	0.000	0.000
05:15:00	9.4	8.4	9.5	8.5	3.3	4.4	3.1	3.5	-0.022	0.000	0.000	0.000
05:30:00	8.6	8.8	9.8	9.2	3.3	4.5	3.6	3.7	-0.022	0.000	0.000	0.000
05:45:00	8.0	8.3	10.1	9.2	3.2	4.3	3.5	3.7	-0.021	0.000	0.000	0.000
06:00:00	7.9	7.9	10.4	7.5	3.0	3.9	3.2	3.5	-0.020	0.000	0.000	0.000
06:15:00	7.4	7.8	10.0	7.5	2.9	3.9	2.9	3.4	-0.021	0.000	0.000	0.000
06:30:00	7.8	6.7	9.6	7.3	2.7	3.4	2.6	3.2	-0.021	0.000	0.000	0.000
06:45:00	7.5	7.4	10.9	6.7	2.4	3.2	2.6	3.1	-0.020	0.000	0.000	0.000
07:00:00	8.2	6.9	8.6	7.2	2.7	3.1	2.3	2.6	-0.021	0.000	0.000	0.000
07:15:00	8.3	6.9	8.4	6.6	2.6	3.1	2.3	2.8	-0.020	0.000	0.000	0.000
07:30:00	7.6	7.4	7.6	5.6	2.6	3.2	2.1	2.6	-0.018	0.000	0.000	0.000
07:45:00	9.7	9.1	9.6	7.0	3.5	3.6	2.6	3.3	-0.016	0.000	0.000	0.000
08:00:00	10.2	8.7	9.5	7.6	4.3	3.7	3.5	3.6	-0.015	0.000	0.000	0.000
08:15:00	6.4	5.9	5.4	5.3	2.7	3.0	2.3	2.4	-0.015	0.000	0.000	0.000
08:30:00	5.7	4.3	5.8	4.5	2.4	2.4	2.0	2.3	-0.018	0.000	0.000	0.000
08:45:00	5.3	4.3	5.5	4.3	2.1	2.4	1.9	2.1	-0.021	0.000	0.000	0.000
09:00:00	4.8	4.1	6.5	4.1	1.8	2.1	1.6	2.0	-0.018	0.000	0.000	0.000
09:15:00	3.8	3.6	4.6	4.1	1.5	1.9	1.5	1.7	-0.021	0.000	0.000	0.000
09:30:00	3.5	4.1	6.0	3.9	1.5	1.9	1.6	1.8	-0.023	0.000	0.000	0.000
09:45:00	3.6	3.7	3.9	3.9	1.4	1.9	1.5	1.6	-0.021	0.000	0.000	0.000
10:00:00	3.5	3.0	4.3	3.9	1.3	1.6	1.3	1.7	-0.021	0.000	0.000	0.000
10:15:00	3.8	3.0	5.1	4.2	1.3	1.5	1.9	2.2	-0.022	0.000	0.000	0.000
10:30:00	3.3	3.2	5.1	3.4	1.1	1.5	1.5	2.1	-0.023	0.000	0.000	0.000
10:45:00	3.7	3.4	4.9	3.2	1.1	1.4	1.1	1.6	-0.024	0.000	0.000	0.000
11:00:00	3.5	3.3	4.0	3.7	1.0	1.2	1.2	1.3	-0.025	0.000	0.000	0.000
11:15:00	4.0	2.8	4.5	3.6	1.0	1.1	1.1	1.2	-0.025	0.000	0.000	0.000
11:30:00	4.3	3.0	4.5	3.4	1.2	1.1	1.0	1.2	-0.023	0.000	0.000	0.000
11:45:00	4.2	3.0	5.6	3.9	1.1	1.2	1.0	1.3	-0.023	0.000	0.000	0.000



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12:00:00	3.8	3.3	5.8	3.7	1.1	1.4	1.1	1.3	-0.022	0.000	0.000	0.000
12:15:00	4.4	3.4	5.1	3.7	1.2	1.6	1.2	1.3	-0.023	0.000	0.000	0.000
12:30:00	4.1	3.5	6.7	5.0	1.3	1.6	1.7	2.0	-0.023	0.000	0.000	0.000
12:45:00	3.9	3.7	7.1	5.0	1.4	1.7	1.8	2.2	-0.019	0.000	0.000	0.000
13:00:00	4.3	4.0	4.7	6.5	1.5	1.8	2.0	1.7	-0.019	0.000	0.000	0.000
13:15:00	5.7	12.1	6.7	8.3	2.0	2.4	2.7	2.0	-0.018	0.000	0.000	0.000
13:30:00	9.8	10.0	8.7	9.5	3.7	2.6	3.2	2.9	-0.013	0.000	0.000	0.000
13:45:00	11.6	8.6	7.8	8.4	3.3	3.2	3.0	2.9	-0.012	0.000	0.000	0.000
14:00:00	7.5	6.6	9.6	8.9	3.1	3.5	3.1	3.8	-0.014	0.000	0.000	0.000
14:15:00	6.9	6.2	8.3	7.3	2.7	3.3	2.6	2.4	-0.016	0.000	0.000	0.000
14:30:00	7.5	6.1	10.2	6.1	2.2	3.0	2.0	2.5	-0.013	0.000	0.000	0.000
14:45:00	7.8	7.9	9.6	6.9	2.1	3.4	2.1	2.5	-0.013	0.000	0.000	0.000
15:00:00	10.2	15.4	9.4	7.8	3.1	3.8	3.0	3.2	-0.013	0.000	0.000	0.000
15:15:00	10.1	10.9	11.1	8.5	3.2	3.2	2.8	3.1	-0.011	0.000	0.000	0.000
15:30:00	8.8	5.8	9.9	7.2	2.7	2.4	2.4	2.3	-0.009	0.000	0.000	0.000
15:45:00	8.9	5.4	10.3	7.4	2.8	2.1	2.0	2.2	-0.011	0.000	0.000	0.000
16:00:00	6.6	4.6	9.3	5.8	2.0	1.8	1.9	2.2	-0.010	0.000	0.000	0.000
16:15:00	6.1	3.0	5.8	4.8	1.7	1.1	1.3	1.3	-0.008	0.000	0.000	0.000
16:30:00	6.0	3.6	5.7	3.8	1.8	0.9	1.2	1.4	-0.004	0.001	0.000	0.000
16:45:00	5.5	4.8	6.0	4.3	1.5	1.1	1.3	1.4	-0.001	0.000	0.000	0.000
17:00:00	5.0	3.0	4.6	3.7	1.1	0.8	1.1	1.0	0.000	0.000	0.000	0.000
17:15:00	4.7	2.7	7.1	4.2	1.4	0.8	1.2	1.4	0.001	0.000	0.000	0.001
17:30:00	5.1	2.5	7.5	5.0	1.5	0.8	1.3	1.5	0.001	0.000	0.000	0.001
17:45:00	4.9	2.8	9.5	4.1	1.3	0.9	1.0	1.6	0.003	0.001	0.000	0.002
18:00:00	4.4	2.8	7.6	4.5	1.1	1.0	1.0	1.4	0.002	0.000	0.000	0.000
18:15:00	4.1	3.0	7.9	3.3	1.0	1.0	0.9	1.3	0.000	0.001	0.000	0.000
18:30:00	4.1	2.8	8.6	3.3	0.9	0.9	0.8	1.3	-0.001	0.002	0.000	0.000
18:45:00	3.8	2.6	8.1	3.2	0.8	0.9	0.7	1.1	-0.001	0.000	0.000	0.000
19:00:00	4.0	2.7	8.4	3.3	0.8	1.0	0.8	1.2	-0.002	0.001	0.000	0.000
19:15:00	4.1	2.8	7.5	3.4	0.9	1.0	0.8	1.2	0.000	0.000	0.000	0.000
19:30:00	4.5	2.8	10.3	4.1	0.9	1.0	1.0	1.4	-0.004	0.000	0.000	0.000
19:45:00	5.1	3.0	9.3	4.7	1.0	1.0	1.1	1.4	-0.005	0.000	0.000	0.000
20:00:00	5.4	3.6	8.9	4.6	1.2	1.1	1.1	1.7	-0.004	0.000	0.000	0.000
20:15:00	5.2	4.3	7.3	6.5	1.2	1.2	1.4	1.5	-0.003	0.000	0.000	0.000
20:30:00	5.6	6.3	8.1	5.6	1.3	1.4	1.3	1.6	-0.002	0.000	0.000	0.000
20:45:00	6.4	4.4	9.7	9.0	1.4	1.4	1.8	1.9	-0.002	0.000	0.000	0.000
21:00:00	4.8	7.8	7.5	7.5	1.3	2.0	1.6	1.9	-0.004	0.000	0.000	0.000
21:15:00	4.5	7.4	12.5	3.5	1.1	1.7	1.0	2.2	-0.005	0.002	0.000	0.000
21:30:00	3.1	3.6	5.1	2.3	0.7	1.1	0.6	1.1	-0.003	0.000	0.000	0.000
21:45:00	3.3	2.9	7.1	2.6	0.8	1.0	0.6	1.4	-0.006	0.000	0.000	0.000
22:00:00	3.9	2.8	12.3	3.6	0.9	0.9	1.0	3.7	-0.007	0.000	0.000	0.000
22:15:00	5.6	3.8	8.2	8.8	1.0	1.0	2.6	1.4	-0.008	0.000	0.000	0.000
22:30:00	9.4	11.7	9.2	9.0	1.4	1.7	2.3	1.3	-0.008	0.000	0.000	0.000
22:45:00	10.8	14.8	10.9	9.6	2.0	2.0	1.8	1.4	-0.008	0.000	0.000	0.000
23:00:00	11.6	15.1	10.5	5.8	1.8	2.4	1.2	1.6	-0.007	0.000	0.000	0.000
23:15:00	11.2	11.5	10.7	12.8	1.7	2.2	1.8	1.8	-0.006	0.000	0.000	0.000
23:30:00	11.9	14.7	14.0	11.7	1.8	2.4	1.7	1.9	-0.006	0.002	0.000	0.000
23:45:00	17.4	13.4	13.5	10.0	2.1	2.3	1.6	1.9	-0.005	0.002	0.000	0.000



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