



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-28

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0 Max : 11.52	2943 E	3277 S	2996 SSW	2997 SW	Min : 57.20 Max : 83.12	Min : 47.40 Max : 89.50	Min : 30.01 Max : 30.20

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	10.5	26.4	5.5	13.5	0.007	0.052
2996	9.8	61.5	5.2	12.5	0.000	0.003
2997	13.2	97.0	5.8	19.2	0.006	0.035
3277	9.7	41.5	6.7	33.8	0.007	0.035

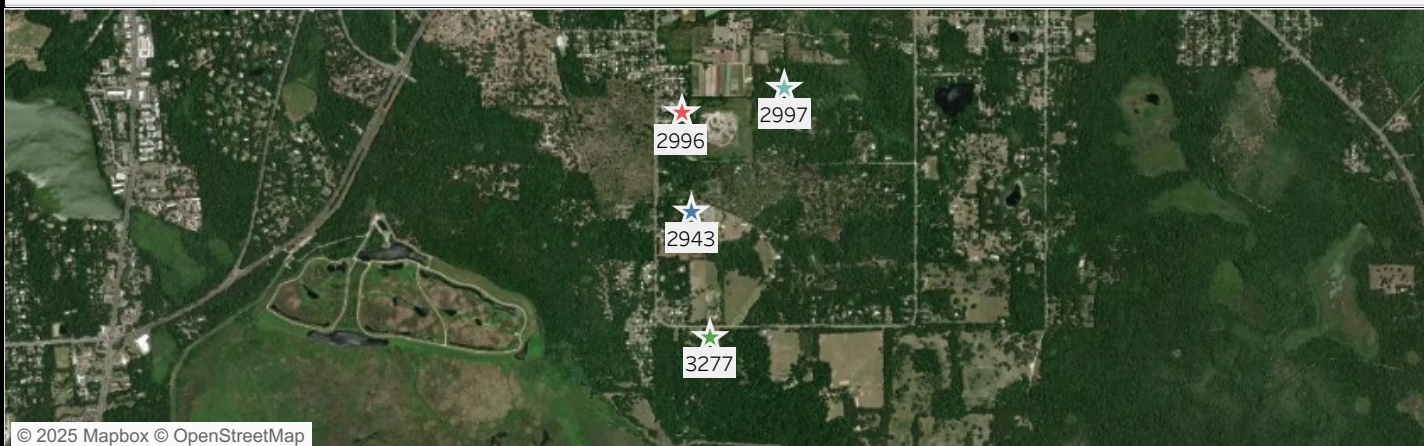


Figure 1 : Monitoring Locations

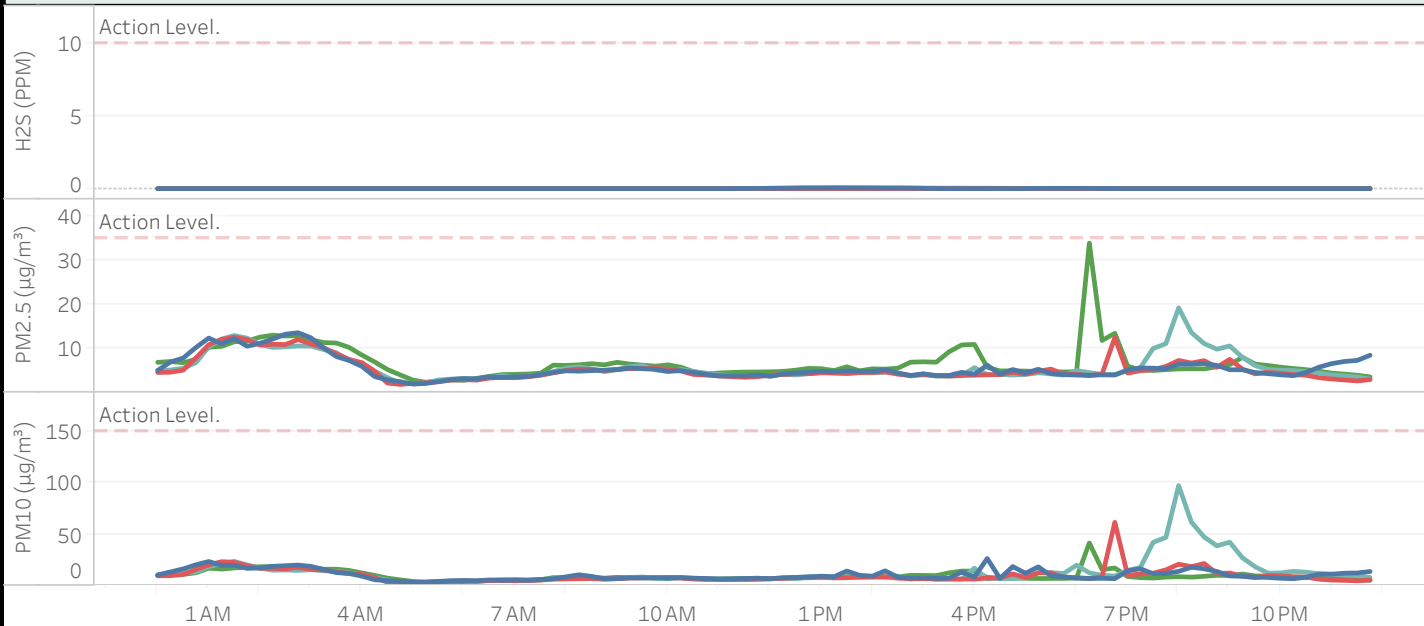


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



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Wind Rose Chart 2943

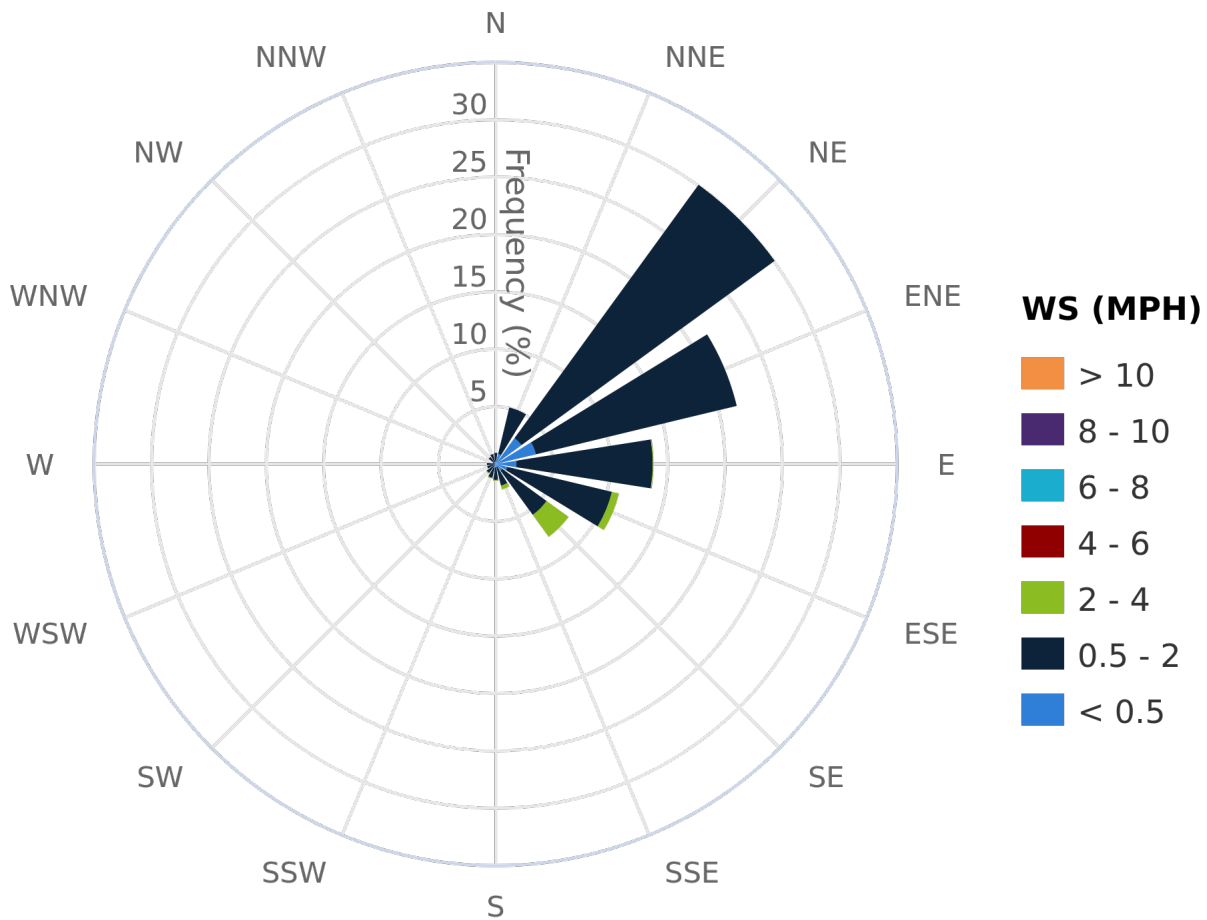


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

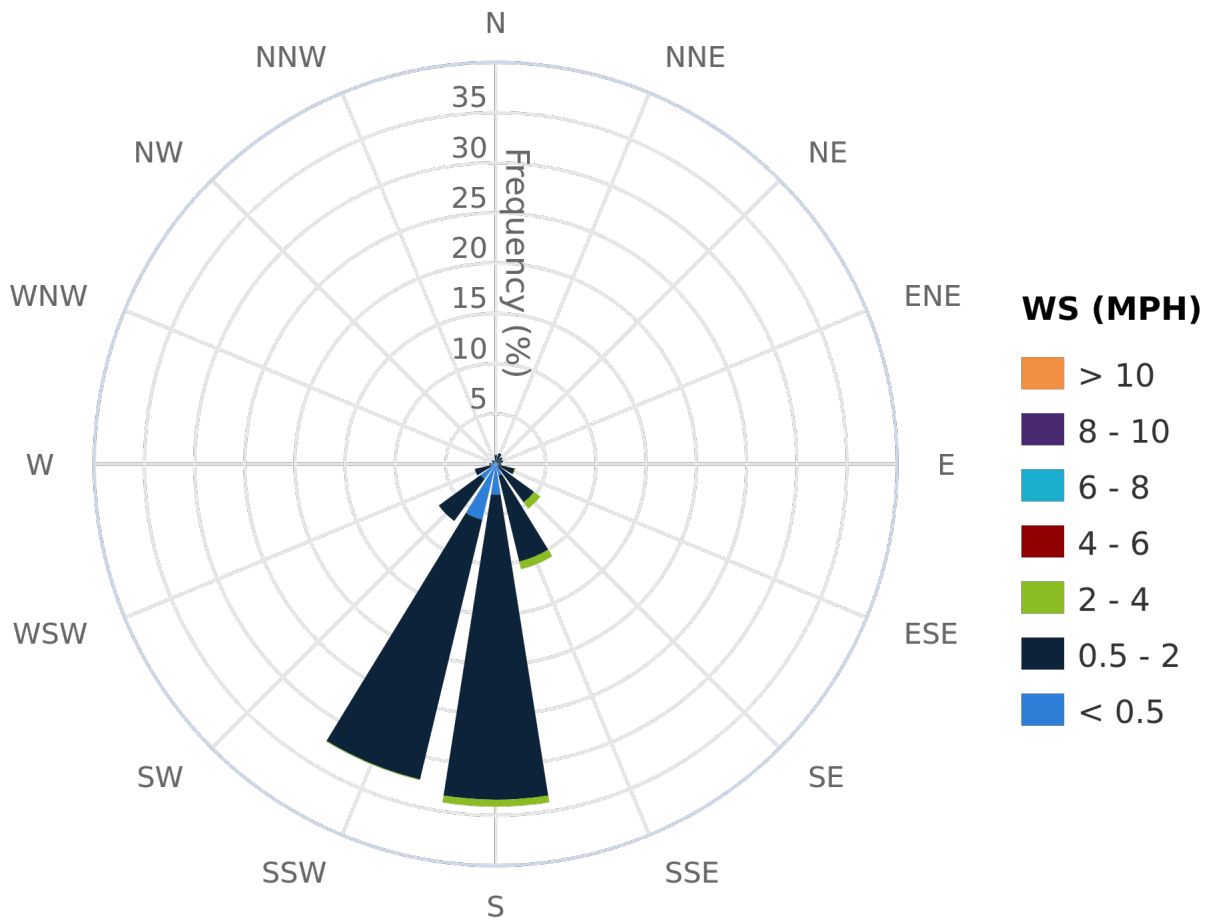


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

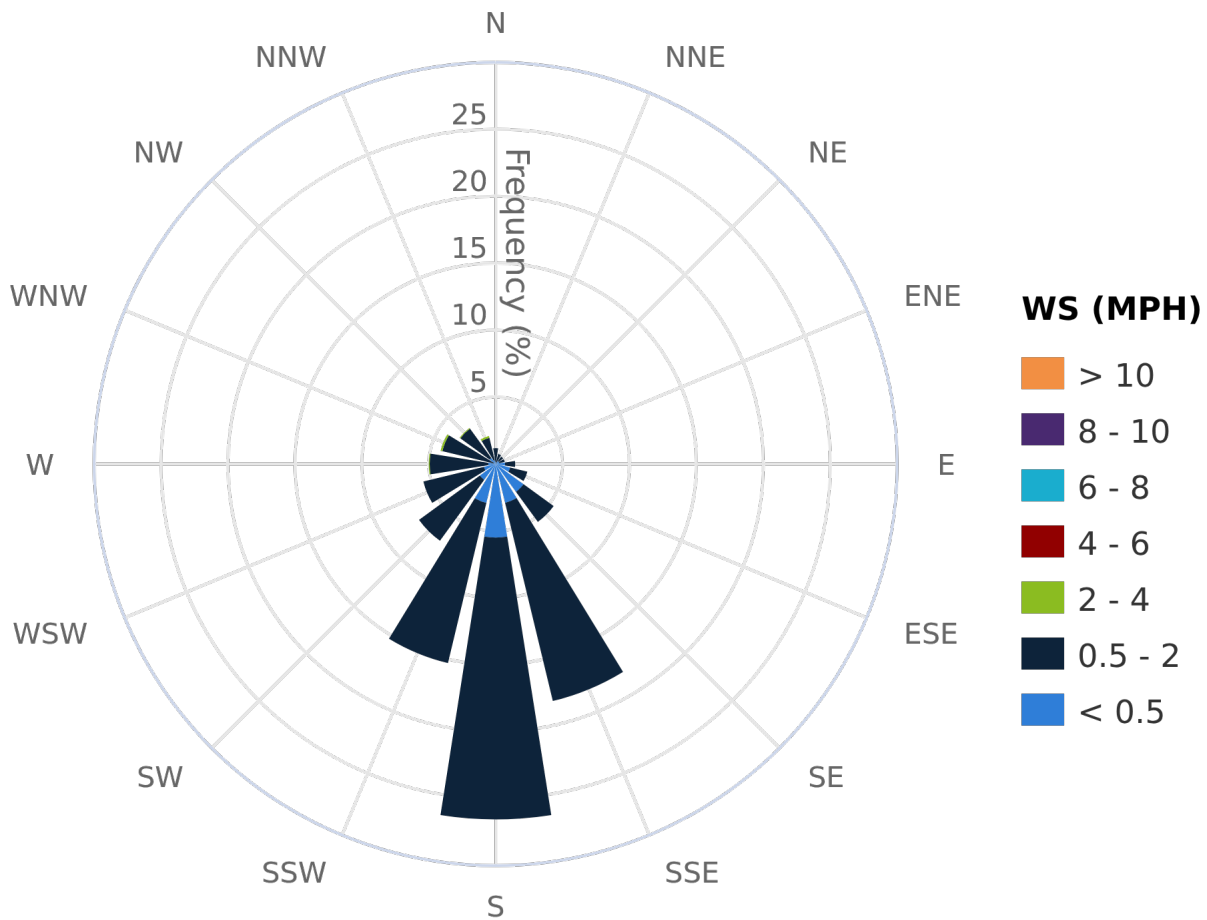


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

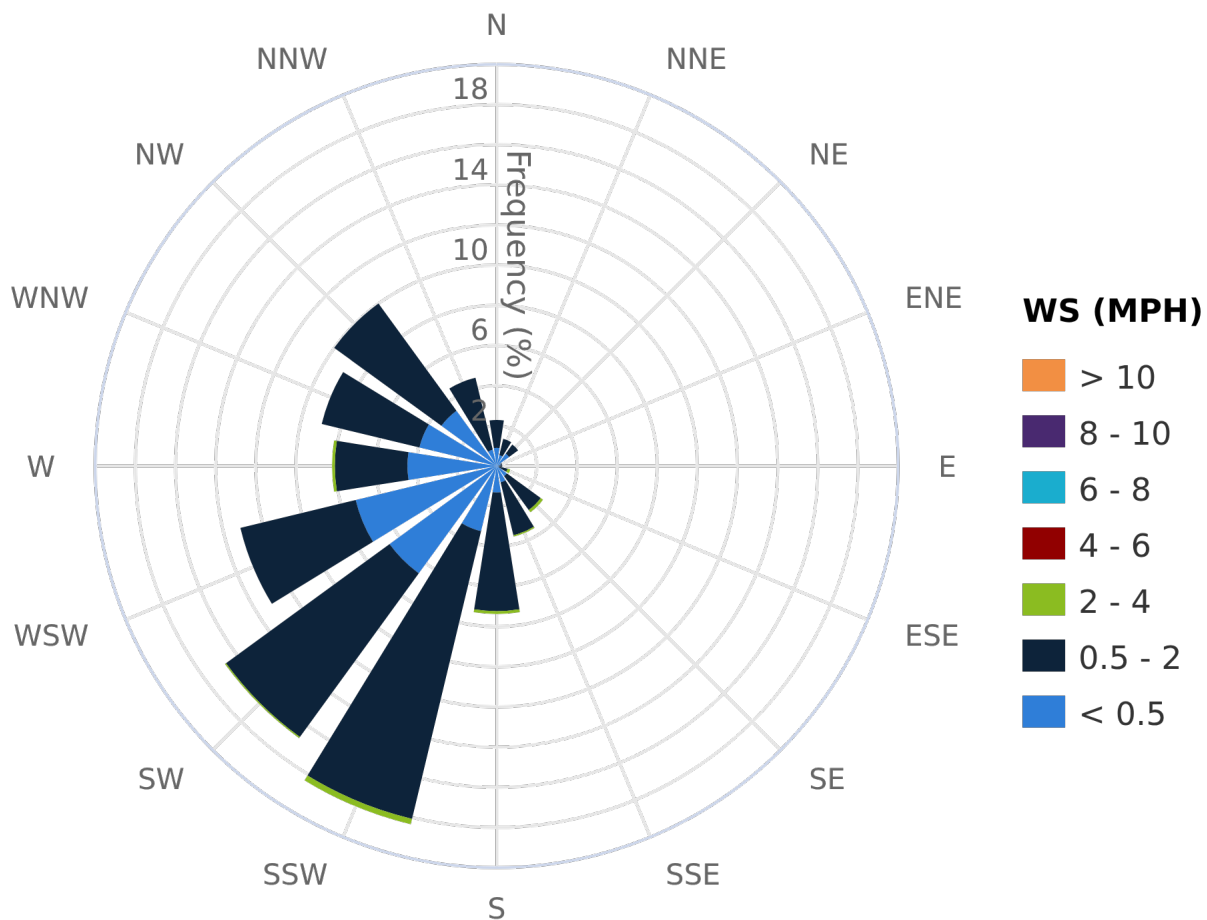


Figure 3 : Wind Rose Chart (WS in MPH)



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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	10.5	10.2	10.5	9.6	5.0	6.9	4.6	5.0	0.000	0.000	0.000	0.000
00:15:00	13.4	11.3	11.1	9.8	6.9	7.0	4.6	5.1	0.000	0.000	0.000	0.000
00:30:00	16.4	11.0	12.7	10.9	7.8	6.8	5.1	5.5	0.000	0.000	0.000	0.000
00:45:00	20.3	12.6	13.3	15.9	10.2	7.5	7.9	6.8	0.000	0.000	0.000	0.000
01:00:00	23.5	17.0	18.5	20.2	12.3	10.3	10.8	10.4	0.000	0.000	0.000	0.000
01:15:00	19.7	16.2	21.3	23.3	11.0	10.4	12.0	12.1	0.000	0.000	0.000	0.000
01:30:00	19.9	17.3	23.6	22.7	12.2	11.5	12.5	12.9	0.000	0.000	0.000	0.000
01:45:00	16.9	18.0	20.2	19.5	10.5	11.6	12.0	12.3	0.000	0.000	0.000	0.000
02:00:00	17.2	18.4	17.1	17.0	11.1	12.5	10.8	10.9	0.000	0.000	0.000	0.000
02:15:00	18.8	18.7	15.1	16.8	12.1	13.0	10.9	10.2	0.000	0.000	0.000	0.000
02:30:00	19.4	18.3	15.3	16.4	13.2	12.8	10.9	10.3	0.000	0.000	0.000	0.000
02:45:00	20.0	19.2	14.9	17.9	13.5	12.9	12.0	10.5	0.000	0.000	0.000	0.000
03:00:00	18.8	17.3	15.5	15.9	12.4	12.0	11.0	10.5	0.000	0.000	0.000	0.000
03:15:00	15.9	16.0	14.5	15.2	10.1	11.3	10.2	9.7	0.000	0.000	0.000	0.000
03:30:00	12.7	16.1	14.0	13.6	8.2	11.2	8.8	9.0	0.000	0.000	0.000	0.000
03:45:00	11.9	14.8	12.5	11.9	7.3	10.2	7.5	7.3	0.000	0.000	0.000	0.000
04:00:00	9.3	12.4	10.8	11.3	5.9	8.5	6.8	6.5	0.000	0.000	0.000	0.000
04:15:00	5.9	10.1	7.9	7.8	3.6	6.9	4.8	4.9	0.000	0.000	0.000	0.000
04:30:00	4.9	7.4	5.5	3.5	2.9	5.2	2.2	3.4	0.000	0.000	0.000	0.000
04:45:00	4.3	5.7	3.1	2.9	2.5	4.0	1.9	2.1	0.000	0.000	0.000	0.000
05:00:00	3.3	4.2	3.2	3.2	1.9	2.8	2.1	2.1	0.000	0.000	0.000	0.000
05:15:00	3.4	3.5	3.3	3.5	2.1	2.4	2.2	2.2	0.000	0.000	0.000	0.000
05:30:00	4.2	3.8	4.2	3.8	2.5	2.6	2.5	2.9	0.000	0.000	0.000	0.000
05:45:00	4.8	4.1	4.6	4.3	2.9	2.9	2.8	3.1	0.000	0.000	0.000	0.000
06:00:00	5.1	4.0	4.8	4.5	3.2	2.8	2.9	3.2	0.000	0.000	0.000	0.000
06:15:00	4.8	4.6	4.4	4.3	3.1	3.2	2.8	2.9	0.000	0.000	0.000	0.000
06:30:00	5.7	5.1	5.1	5.0	3.6	3.7	3.3	3.4	0.000	0.000	0.000	0.000
06:45:00	5.3	5.7	5.6	5.0	3.4	4.1	3.4	3.8	0.000	0.000	0.000	0.000
07:00:00	5.6	5.8	4.8	4.9	3.6	4.1	3.4	3.4	0.000	0.000	0.000	0.000
07:15:00	5.4	5.5	5.3	5.0	3.7	4.2	3.6	3.8	0.000	0.000	0.000	0.000
07:30:00	6.1	5.7	6.1	5.5	4.1	4.4	3.9	4.0	0.000	0.000	0.000	0.000
07:45:00	6.8	7.9	7.1	6.4	4.6	6.2	4.5	4.8	0.000	0.000	0.000	0.000
08:00:00	8.7	7.6	7.9	6.6	4.9	6.2	5.0	5.5	0.000	0.000	0.000	0.000
08:15:00	10.6	7.6	7.6	6.8	4.8	6.3	5.3	5.8	0.000	0.000	0.000	0.000
08:30:00	9.1	8.0	7.1	7.1	5.0	6.5	5.2	5.4	0.000	0.000	0.000	0.000
08:45:00	6.9	7.4	6.2	6.6	5.1	6.3	5.0	4.7	0.000	0.000	0.000	0.000
09:00:00	7.0	8.2	6.9	6.9	5.2	6.9	5.3	5.2	0.000	0.000	0.000	0.000
09:15:00	7.7	7.9	8.0	7.5	5.6	6.5	5.4	5.9	0.000	0.000	0.000	0.000
09:30:00	7.6	7.7	8.5	7.6	5.4	6.2	5.5	6.1	0.000	0.001	0.000	0.000
09:45:00	7.6	7.6	7.2	7.9	5.3	6.0	5.5	5.1	0.000	0.000	0.000	0.000
10:00:00	7.4	8.1	6.9	7.9	4.8	6.3	5.3	4.8	0.000	0.000	0.000	0.000
10:15:00	7.8	7.8	7.9	7.5	5.0	5.7	4.9	5.2	0.000	0.000	0.000	0.000
10:30:00	7.3	6.9	7.3	6.5	4.6	4.7	4.1	4.8	0.000	0.000	0.000	0.000
10:45:00	7.0	6.2	7.0	6.4	4.1	4.2	4.0	4.4	0.000	0.004	0.000	0.000
11:00:00	6.6	6.6	6.5	6.1	3.8	4.5	3.8	4.1	0.000	0.005	0.000	0.001
11:15:00	6.8	6.8	6.2	6.1	3.8	4.6	3.6	3.8	0.003	0.009	0.000	0.002
11:30:00	7.0	7.1	6.2	6.2	3.8	4.7	3.5	3.8	0.006	0.011	0.000	0.005
11:45:00	7.4	7.1	6.4	6.3	4.0	4.7	3.6	3.8	0.013	0.012	0.000	0.012



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12:00:00	6.8	7.1	6.6	6.8	3.7	4.7	3.9	3.8	0.023	0.020	0.000	0.015
12:15:00	7.8	7.3	7.3	7.2	4.2	4.8	4.1	4.1	0.032	0.024	0.001	0.018
12:30:00	8.1	7.8	6.8	7.8	4.5	5.1	4.3	4.0	0.043	0.028	0.001	0.022
12:45:00	8.7	8.5	8.2	7.7	4.6	5.5	4.3	4.3	0.047	0.035	0.002	0.029
13:00:00	9.3	8.3	7.8	8.4	4.8	5.4	4.5	4.5	0.048	0.034	0.001	0.032
13:15:00	8.8	7.8	8.2	7.6	4.7	5.0	4.4	4.6	0.052	0.032	0.003	0.033
13:30:00	14.3	9.0	8.0	7.8	4.9	5.8	4.3	4.4	0.049	0.034	0.001	0.034
13:45:00	10.2	8.3	8.4	8.6	4.8	4.9	4.5	4.5	0.047	0.033	0.000	0.035
14:00:00	9.3	9.0	8.1	8.8	4.8	5.4	4.6	4.5	0.046	0.035	0.000	0.032
14:15:00	14.5	8.5	8.3	8.8	5.2	5.3	4.7	4.6	0.040	0.031	0.000	0.029
14:30:00	8.3	8.6	9.4	7.4	4.4	5.5	4.2	4.4	0.040	0.033	0.000	0.027
14:45:00	7.4	10.1	6.6	6.7	3.9	6.9	3.9	3.8	0.036	0.031	0.000	0.021
15:00:00	7.8	10.0	7.9	6.9	4.3	7.0	4.0	4.2	0.021	0.032	0.000	0.017
15:15:00	7.2	9.8	6.3	6.6	3.9	6.9	3.9	3.7	0.001	0.030	0.000	0.015
15:30:00	7.2	12.5	6.5	6.6	3.9	9.2	3.7	3.8	0.000	0.027	0.000	0.016
15:45:00	13.3	14.2	6.4	6.5	4.6	10.8	3.9	3.8	0.000	0.029	0.000	0.016
16:00:00	8.4	14.2	17.1	6.5	4.2	10.9	3.9	5.6	0.000	0.022	0.000	0.016
16:15:00	26.4	8.1	6.6	7.4	6.2	5.7	4.0	4.0	0.000	0.023	0.000	0.019
16:30:00	7.1	7.1	7.3	7.8	4.1	4.9	4.1	4.1	0.000	0.021	0.000	0.016
16:45:00	18.6	7.5	6.9	11.5	5.2	4.9	4.6	4.0	0.000	0.018	0.000	0.015
17:00:00	12.1	7.3	7.9	7.9	4.4	4.9	4.2	4.1	0.003	0.015	0.000	0.015
17:15:00	18.4	7.0	12.8	12.5	5.3	4.7	4.8	4.5	0.012	0.013	0.000	0.013
17:30:00	9.7	7.1	12.7	12.5	4.3	4.7	5.3	4.2	0.015	0.007	0.000	0.011
17:45:00	8.6	7.1	11.9	8.0	4.1	4.7	4.2	4.0	0.018	0.009	0.000	0.008
18:00:00	7.3	7.6	19.9	7.9	4.0	4.7	4.2	5.0	0.019	0.005	0.000	0.009
18:15:00	7.0	41.5	12.5	7.1	3.9	33.8	3.8	4.5	0.015	0.002	0.000	0.008
18:30:00	7.2	15.7	10.1	8.7	4.0	11.8	4.2	4.1	0.007	0.001	0.000	0.006
18:45:00	6.9	17.2	9.4	61.5	4.0	13.4	12.4	4.1	0.005	0.002	0.000	0.003
19:00:00	14.5	8.9	14.9	10.2	5.1	6.0	4.4	5.0	0.000	0.000	0.000	0.001
19:15:00	16.5	7.9	17.7	11.5	5.6	5.1	5.0	5.6	0.000	0.000	0.000	0.000
19:30:00	11.7	7.5	42.1	12.1	5.5	5.0	5.2	10.0	0.000	0.000	0.000	0.000
19:45:00	12.0	8.4	46.8	15.4	5.4	5.2	5.9	11.1	0.000	0.000	0.000	0.000
20:00:00	14.0	8.8	97.0	20.9	6.4	5.4	7.3	19.2	0.000	0.000	0.000	0.000
20:15:00	17.9	8.4	61.6	18.5	6.4	5.4	6.7	13.6	0.000	0.000	0.000	0.000
20:30:00	16.5	9.1	47.2	21.6	6.6	5.4	7.2	11.1	0.000	0.000	0.000	0.000
20:45:00	13.8	10.2	38.7	11.8	6.1	5.9	5.7	9.8	0.000	0.000	0.000	0.000
21:00:00	9.5	9.8	42.2	12.4	5.2	6.3	7.5	10.6	0.000	0.000	0.000	0.000
21:15:00	9.1	11.4	27.0	9.3	5.2	8.0	5.3	8.0	0.000	0.000	0.000	0.000
21:30:00	8.3	9.5	18.4	7.9	4.6	6.4	4.2	6.1	0.000	0.000	0.000	0.000
21:45:00	8.0	9.4	12.2	10.0	4.3	6.1	4.6	5.2	0.000	0.000	0.000	0.000
22:00:00	7.3	9.0	12.4	9.7	4.0	5.7	4.4	5.1	0.000	0.000	0.000	0.000
22:15:00	6.8	8.6	14.0	8.6	3.8	5.5	4.1	5.0	0.000	0.000	0.000	0.000
22:30:00	8.3	8.2	13.1	8.4	4.6	5.2	3.9	4.8	0.000	0.000	0.000	0.000
22:45:00	11.3	7.3	11.6	6.4	5.8	4.8	3.4	4.4	0.000	0.000	0.000	0.000
23:00:00	11.2	7.0	11.2	5.5	6.6	4.4	3.1	4.0	0.000	0.000	0.000	0.000
23:15:00	12.2	6.7	10.4	5.2	7.0	4.2	2.9	3.8	0.000	0.000	0.000	0.000
23:30:00	12.4	6.0	9.8	4.8	7.3	3.9	2.6	3.6	0.000	0.000	0.000	0.000
23:45:00	13.8	5.3	8.0	5.6	8.4	3.6	2.9	3.1	0.000	0.000	0.000	0.000



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