



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-01-03

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1790 Max : 8.321	2943 ESE	3277 SSW	2996 WSW	2997 WSW	Min : 49.28 Max : 82.40	Min : 58.20 Max : 93.10	Min : 29.82 Max : 30.09

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	8.1	21.1	3.5	6.5	0.003	0.021
2996	7.5	35.7	3.7	23.3	0.000	0.007
2997	9.7	47.8	3.9	8.9	0.002	0.017
3277	8.0	27.7	3.8	8.7	0.003	0.023

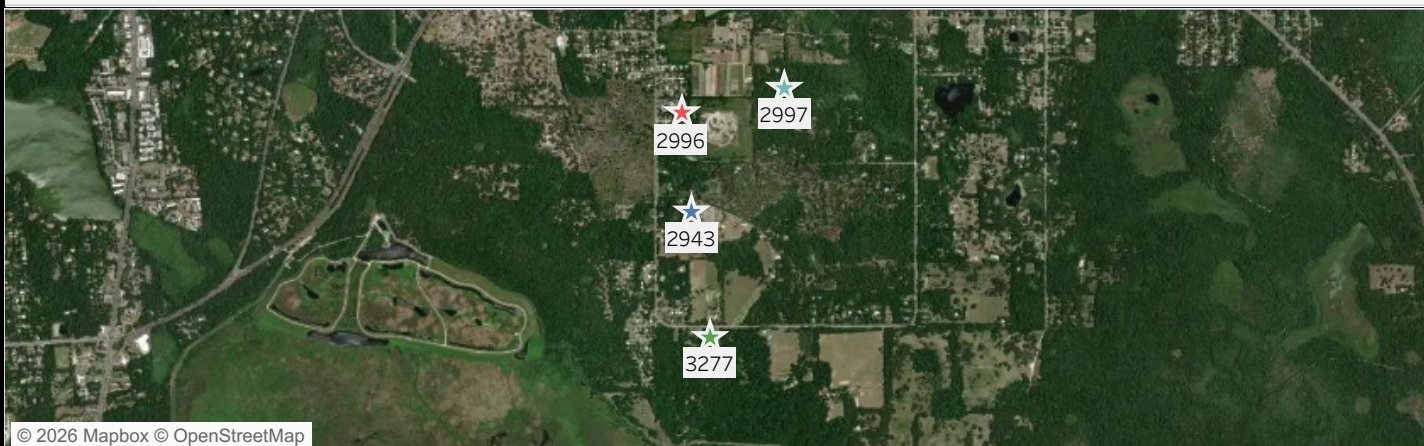


Figure 1 : Monitoring Locations

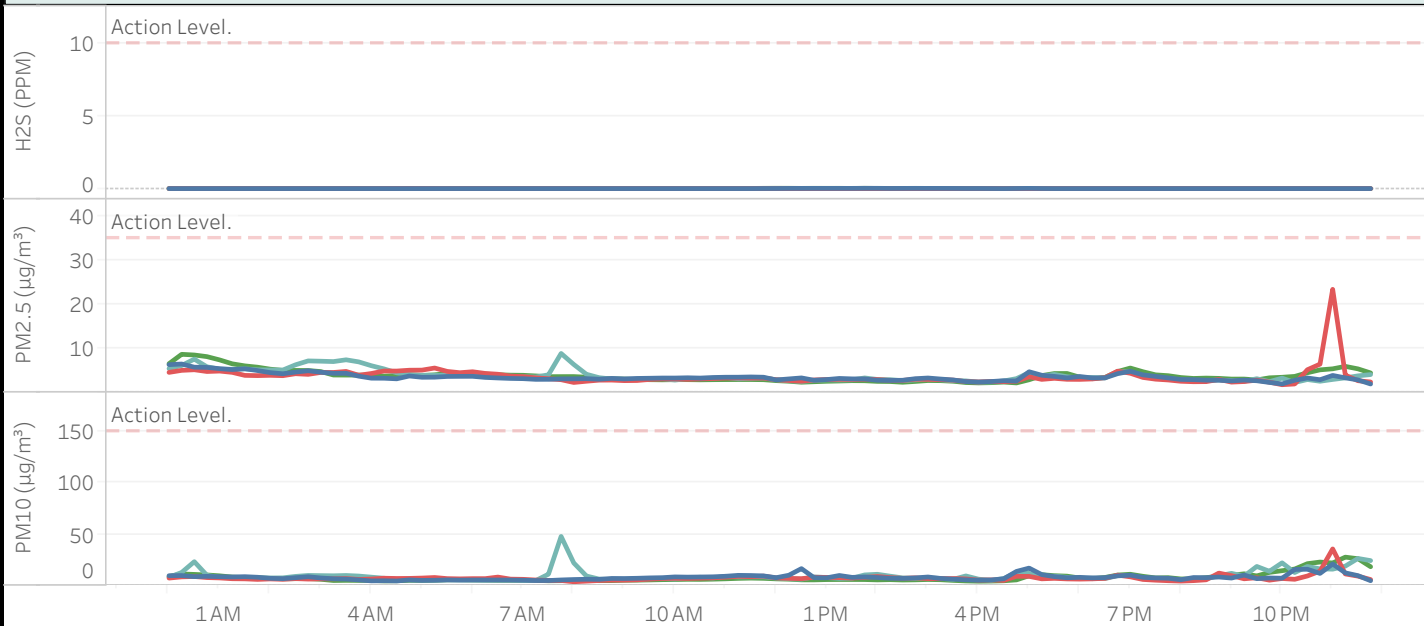


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



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Wind Rose Chart 2943

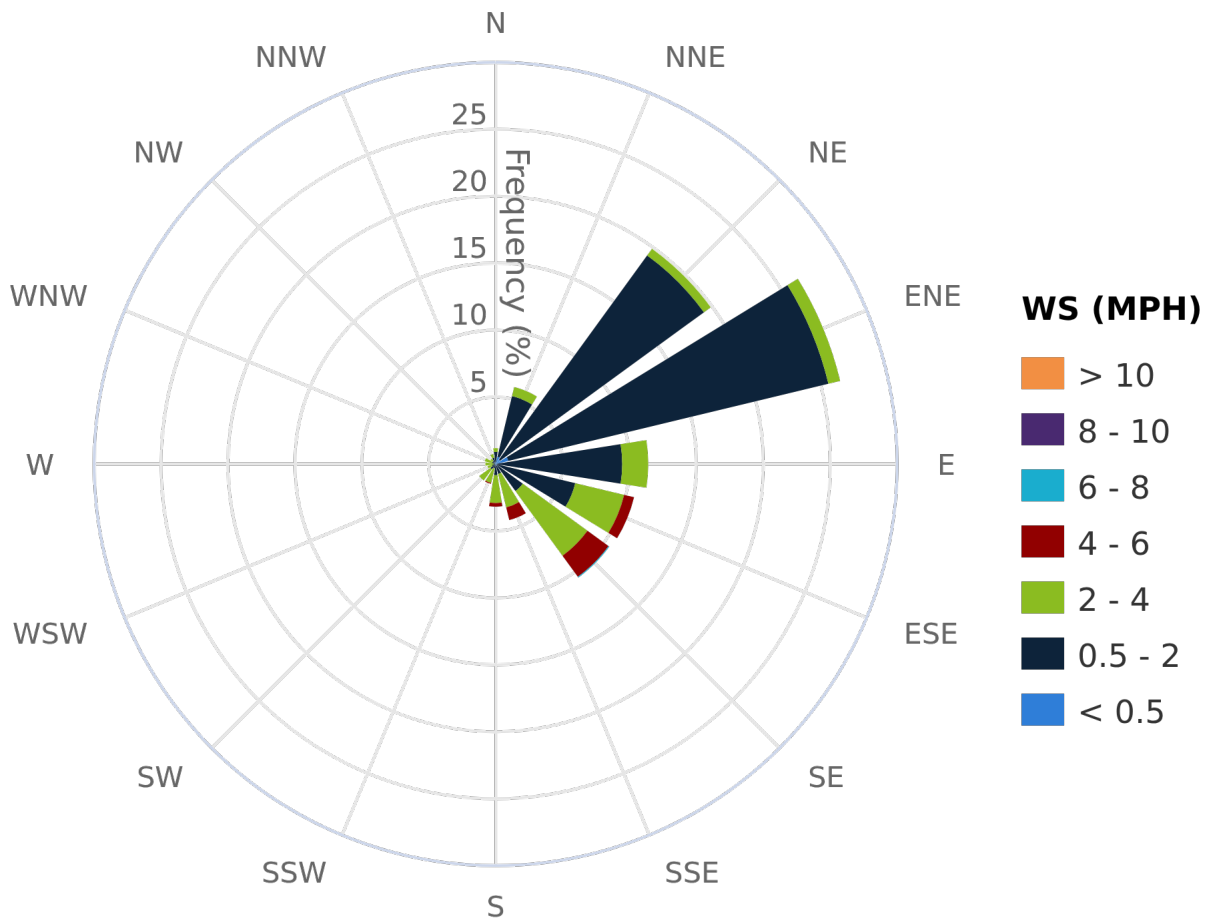


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

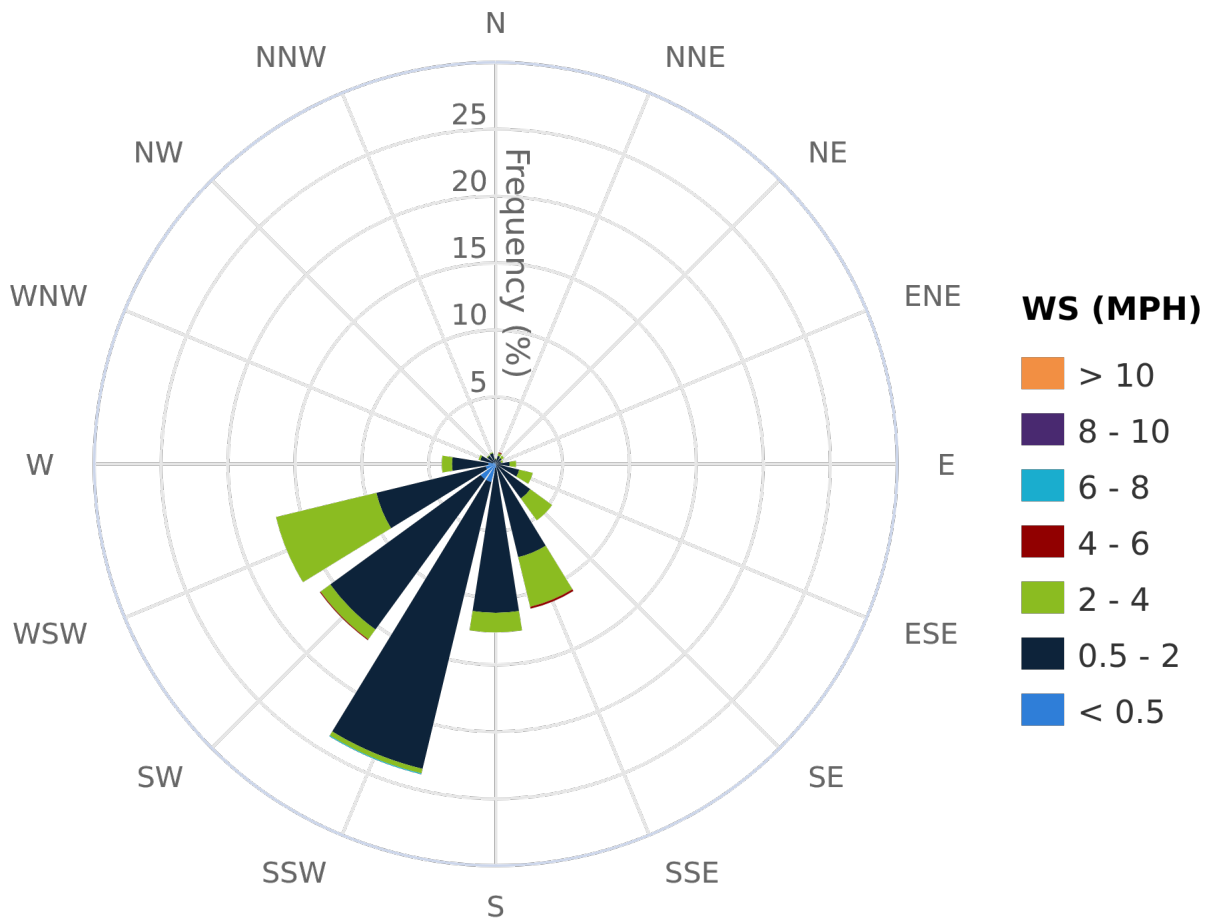


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

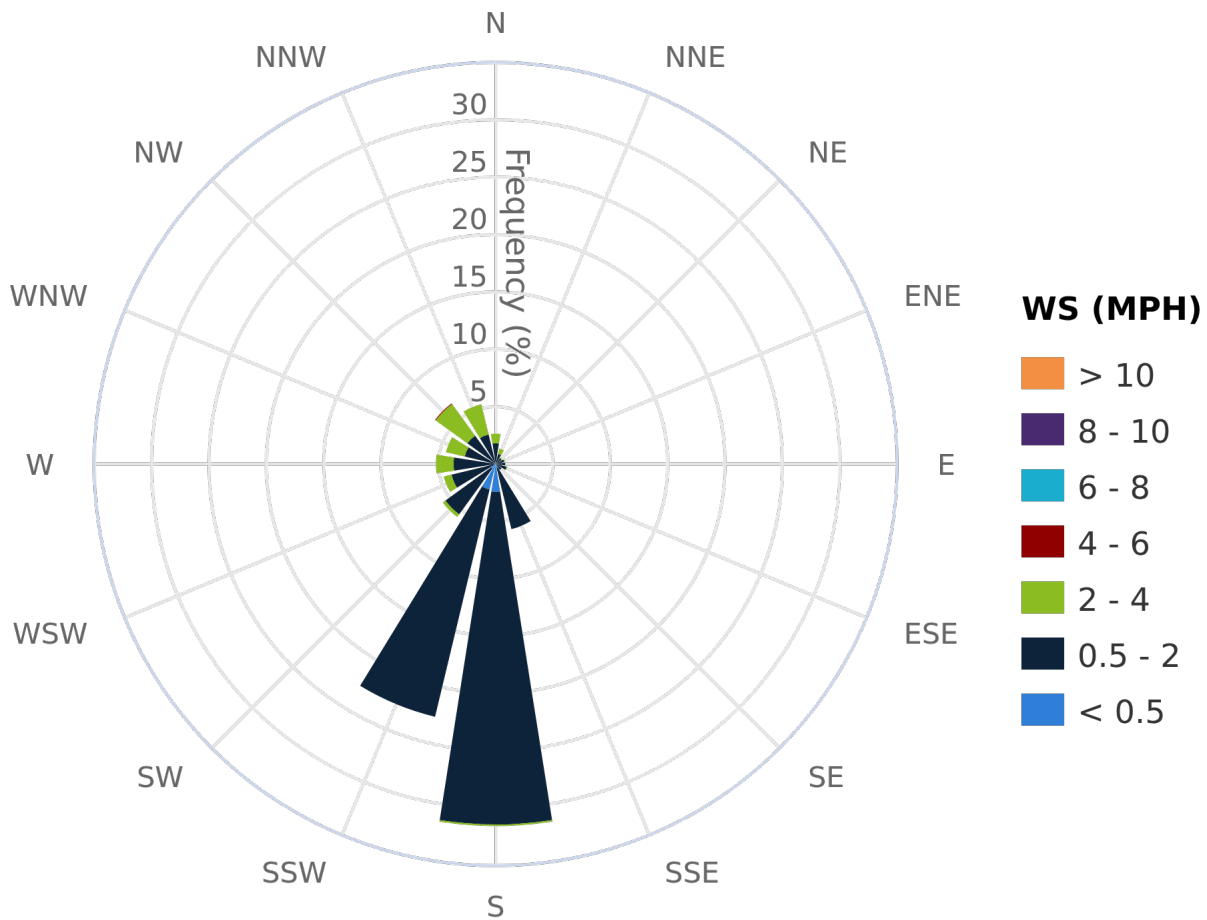


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

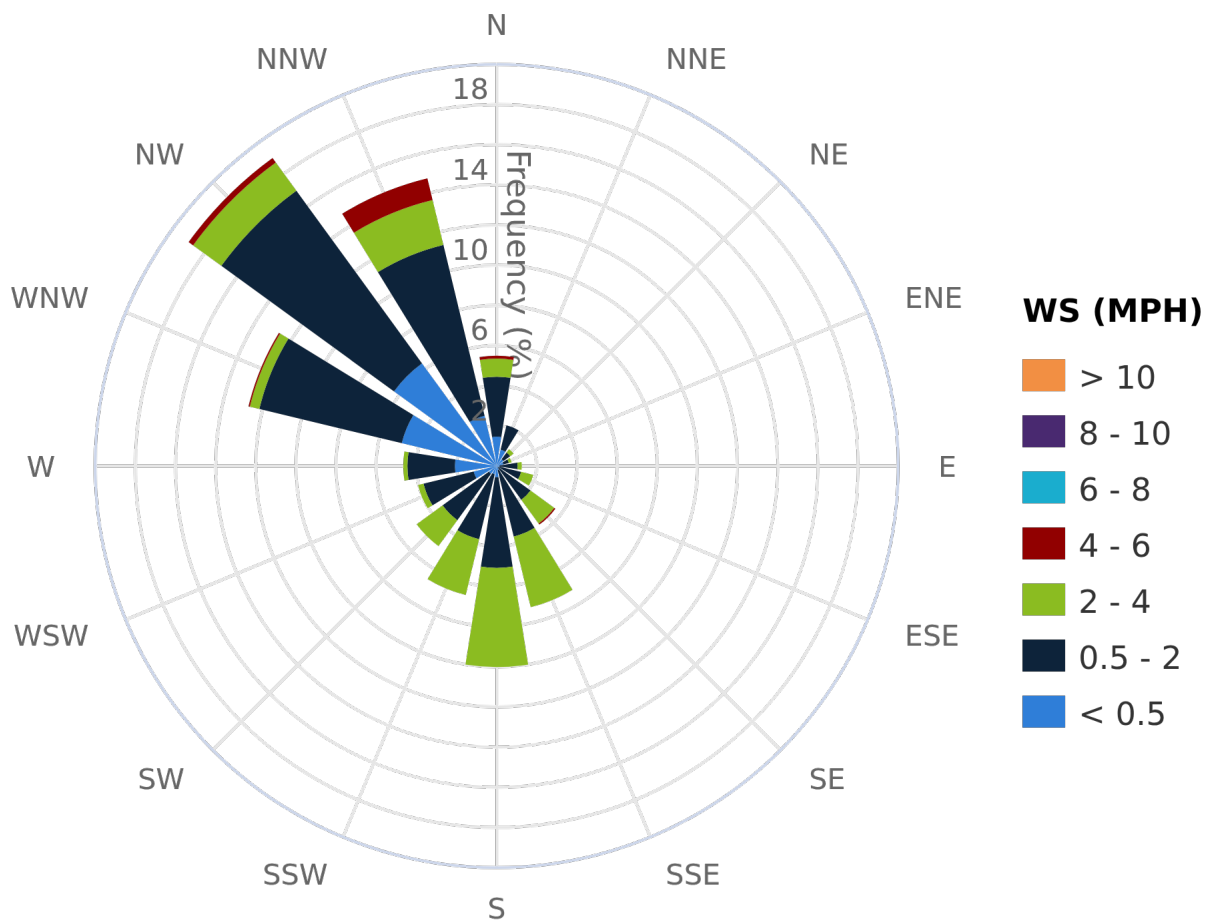


Figure 3 : Wind Rose Chart (WS in MPH)



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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	9.7	9.0	8.3	7.4	6.3	6.5	4.6	5.4	0.000	0.000	0.000	0.000
00:15:00	9.9	11.4	12.9	8.6	6.5	8.7	5.0	6.1	0.000	0.000	0.000	0.000
00:30:00	8.8	11.0	23.3	9.0	5.8	8.5	5.2	7.6	0.000	0.000	0.000	0.000
00:45:00	9.1	10.5	10.1	7.9	5.7	8.1	4.8	5.8	0.000	0.000	0.000	0.000
01:00:00	8.8	9.6	8.1	7.6	5.4	7.4	4.9	5.3	0.000	0.000	0.000	0.000
01:15:00	8.5	8.4	7.7	6.8	5.2	6.5	4.6	5.3	0.000	0.000	0.000	0.000
01:30:00	8.8	8.0	7.7	6.7	5.4	6.0	3.9	5.4	0.000	0.000	0.000	0.000
01:45:00	8.3	7.7	7.6	6.2	5.0	5.8	3.8	5.2	0.000	0.000	0.000	0.000
02:00:00	7.2	7.1	7.6	6.6	4.5	5.3	3.9	5.1	0.000	0.000	0.000	0.000
02:15:00	6.9	6.8	7.7	6.3	4.3	5.0	3.8	5.1	0.000	0.000	0.000	0.000
02:30:00	7.8	6.8	9.1	6.9	4.6	5.0	4.3	6.3	0.000	0.000	0.000	0.000
02:45:00	8.7	7.0	10.0	6.5	4.9	5.0	4.1	7.2	0.000	0.000	0.000	0.000
03:00:00	7.6	6.3	9.8	6.7	4.6	4.8	4.6	7.1	0.000	0.000	0.000	0.000
03:15:00	6.8	5.1	9.7	6.7	4.4	4.0	4.6	7.0	0.000	0.000	0.000	0.000
03:30:00	6.5	5.2	10.0	7.0	4.4	4.0	4.8	7.4	0.000	0.000	0.000	0.000
03:45:00	5.7	5.2	9.4	6.1	3.7	4.0	3.9	7.0	0.000	0.000	0.000	0.000
04:00:00	4.7	5.1	8.3	6.5	3.3	3.9	4.3	6.1	0.000	0.000	0.000	0.000
04:15:00	4.9	4.7	7.3	7.3	3.3	3.7	4.9	5.4	0.000	0.000	0.000	0.000
04:30:00	4.7	4.9	6.3	7.1	3.1	3.9	4.9	4.5	0.000	0.000	0.004	0.000
04:45:00	5.7	5.2	5.6	7.2	3.8	4.0	5.1	4.1	0.000	0.000	0.007	0.000
05:00:00	5.2	5.2	5.5	7.5	3.5	3.9	5.1	3.9	0.000	0.000	0.004	0.000
05:15:00	5.4	5.4	5.4	8.0	3.5	4.0	5.6	3.9	0.000	0.000	0.001	0.000
05:30:00	5.7	5.8	5.7	6.9	3.7	4.3	4.8	4.0	0.000	0.000	0.000	0.000
05:45:00	5.5	5.9	5.6	6.7	3.7	4.4	4.5	4.0	0.000	0.000	0.000	0.000
06:00:00	5.6	5.7	5.5	6.9	3.7	4.2	4.7	3.9	0.000	0.000	0.000	0.000
06:15:00	5.6	5.6	5.3	6.9	3.4	4.2	4.3	3.7	0.000	0.000	0.000	0.000
06:30:00	5.6	5.3	5.4	8.4	3.3	4.1	4.2	3.7	0.000	0.000	0.000	0.000
06:45:00	5.5	5.3	5.4	6.4	3.2	4.0	3.7	3.7	0.000	0.000	0.000	0.000
07:00:00	5.4	5.3	5.1	6.2	3.2	3.9	3.6	3.6	0.000	0.000	0.000	0.000
07:15:00	5.1	5.2	5.1	5.6	3.0	3.8	3.3	3.5	0.000	0.000	0.000	0.000
07:30:00	5.1	4.8	11.2	5.1	3.0	3.6	3.1	4.0	0.000	0.000	0.000	0.000
07:45:00	5.6	4.9	47.8	5.1	3.1	3.6	2.9	8.9	0.000	0.000	0.000	0.000
08:00:00	6.1	5.2	22.1	3.9	3.1	3.6	2.3	6.4	0.000	0.000	0.000	0.000
08:15:00	6.3	5.2	9.5	4.5	3.2	3.5	2.6	4.2	0.000	0.000	0.000	0.000
08:30:00	6.2	5.0	6.5	5.1	3.0	3.2	2.8	3.4	0.000	0.000	0.000	0.000
08:45:00	7.1	5.0	6.1	5.4	3.2	3.1	2.8	3.1	0.000	0.000	0.000	0.000
09:00:00	7.0	5.3	6.0	5.4	3.1	3.1	2.7	3.0	0.000	0.000	0.000	0.000
09:15:00	7.3	5.4	6.3	5.7	3.2	3.0	2.7	3.0	0.000	0.000	0.000	0.000
09:30:00	7.6	5.7	6.8	6.4	3.3	2.9	3.0	3.1	0.000	0.000	0.000	0.000
09:45:00	7.9	5.9	7.0	7.0	3.3	2.9	3.1	3.1	0.000	0.000	0.000	0.000
10:00:00	8.6	6.0	6.6	7.2	3.3	2.9	3.1	2.8	0.000	0.000	0.000	0.000
10:15:00	8.4	6.2	7.7	7.1	3.4	2.9	3.0	3.2	0.000	0.000	0.000	0.000
10:30:00	8.5	6.2	8.3	7.3	3.3	2.9	3.1	3.2	0.000	0.000	0.000	0.000
10:45:00	8.7	6.4	7.5	7.6	3.4	2.9	3.2	3.2	0.000	0.000	0.000	0.000
11:00:00	9.2	6.7	9.2	8.3	3.5	2.9	3.3	3.4	0.000	0.000	0.000	0.000
11:15:00	10.1	7.2	8.6	9.1	3.5	3.0	3.3	3.1	0.000	0.007	0.000	0.000
11:30:00	9.9	7.4	8.6	8.8	3.5	3.0	3.3	3.2	0.001	0.013	0.000	0.000
11:45:00	9.6	7.2	8.7	9.3	3.5	2.9	3.3	3.3	0.006	0.019	0.000	0.000



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12:00:00	7.8	6.7	7.5	7.6	2.9	2.7	2.9	2.9	0.008	0.023	0.000	0.003
12:15:00	10.2	6.4	6.8	7.2	3.1	2.6	2.7	2.7	0.014	0.022	0.000	0.009
12:30:00	16.6	5.7	6.4	6.9	3.3	2.4	2.6	2.5	0.016	0.016	0.000	0.012
12:45:00	7.8	5.7	8.6	8.3	2.8	2.5	2.9	2.8	0.017	0.020	0.000	0.013
13:00:00	7.7	6.0	8.0	8.1	3.0	2.6	3.0	2.9	0.016	0.019	0.000	0.013
13:15:00	10.0	6.1	7.1	7.9	3.2	2.6	3.0	2.9	0.016	0.020	0.000	0.015
13:30:00	8.1	6.1	7.3	7.5	3.1	2.7	3.0	2.9	0.017	0.013	0.000	0.014
13:45:00	8.5	6.0	10.5	8.1	3.1	2.7	3.0	3.3	0.021	0.022	0.000	0.015
14:00:00	8.0	5.7	11.1	9.0	2.8	2.5	3.0	3.0	0.020	0.015	0.000	0.017
14:15:00	7.3	5.9	9.3	7.9	2.8	2.5	2.8	2.9	0.013	0.011	0.000	0.013
14:30:00	7.1	5.6	7.6	7.2	2.8	2.3	2.8	2.7	0.015	0.013	0.000	0.014
14:45:00	7.6	5.7	7.2	7.7	3.2	2.5	3.0	2.9	0.018	0.011	0.000	0.015
15:00:00	8.5	6.1	7.5	6.9	3.3	2.7	3.0	3.0	0.016	0.011	0.000	0.012
15:15:00	7.1	5.8	7.2	6.9	3.1	2.7	2.9	2.9	0.015	0.011	0.000	0.010
15:30:00	6.4	5.2	6.3	7.0	2.9	2.6	2.8	2.7	0.013	0.008	0.000	0.009
15:45:00	5.7	4.7	9.5	6.6	2.5	2.3	2.5	2.7	0.008	0.007	0.000	0.008
16:00:00	5.4	4.4	6.4	5.4	2.4	2.2	2.4	2.4	0.008	0.005	0.000	0.006
16:15:00	5.7	4.6	5.2	5.7	2.5	2.3	2.5	2.4	0.004	0.002	0.000	0.003
16:30:00	6.8	4.8	7.0	5.2	2.7	2.4	2.5	2.6	0.000	0.006	0.000	0.000
16:45:00	13.9	5.7	12.9	9.2	2.6	2.2	2.6	3.2	0.008	0.013	0.000	0.013
17:00:00	17.1	9.7	12.0	9.1	4.7	2.9	3.6	4.5	0.017	0.010	0.000	0.011
17:15:00	10.8	10.7	8.6	6.7	3.9	3.9	3.0	3.7	0.006	0.003	0.000	0.003
17:30:00	8.9	9.8	9.4	7.2	3.7	4.3	3.2	4.1	0.000	0.000	0.000	0.000
17:45:00	7.8	9.3	8.1	6.6	3.3	4.3	3.0	3.6	0.000	0.000	0.000	0.000
18:00:00	8.2	7.5	7.1	6.5	3.6	3.5	3.0	3.3	0.000	0.000	0.000	0.000
18:15:00	7.6	6.8	7.4	6.7	3.3	3.1	3.1	3.4	0.000	0.000	0.000	0.000
18:30:00	7.9	8.1	7.0	7.2	3.3	3.4	3.4	3.3	0.000	0.000	0.000	0.000
18:45:00	9.6	10.4	9.8	10.3	4.3	4.8	4.9	4.8	0.000	0.000	0.000	0.000
19:00:00	10.2	11.1	9.8	8.7	4.8	5.6	4.4	4.7	0.000	0.000	0.000	0.000
19:15:00	8.2	9.2	7.5	6.1	4.0	4.7	3.4	3.7	0.000	0.000	0.000	0.000
19:30:00	7.6	7.6	6.4	5.4	3.7	4.0	3.0	3.4	0.000	0.000	0.000	0.000
19:45:00	7.3	7.9	6.0	4.9	3.3	3.8	2.9	3.2	0.000	0.000	0.000	0.000
20:00:00	5.9	6.6	5.7	4.5	3.0	3.4	2.6	2.9	0.000	0.000	0.000	0.000
20:15:00	8.0	6.6	6.0	5.0	2.9	3.2	2.5	2.7	0.000	0.000	0.000	0.000
20:30:00	7.9	7.9	6.7	5.8	2.8	3.3	2.5	2.7	0.000	0.000	0.000	0.000
20:45:00	8.5	9.3	9.8	12.3	2.8	3.2	3.0	2.9	0.000	0.000	0.000	0.000
21:00:00	7.5	10.1	12.0	9.8	2.7	3.1	2.4	2.7	0.000	0.000	0.000	0.000
21:15:00	10.4	11.6	9.4	6.7	2.8	3.1	2.5	2.6	0.000	0.000	0.000	0.000
21:30:00	6.9	9.5	18.7	7.8	2.7	2.9	2.8	3.1	0.000	0.000	0.000	0.000
21:45:00	7.6	12.9	14.0	5.4	2.3	3.4	2.4	2.5	0.000	0.000	0.000	0.000
22:00:00	7.3	14.6	22.2	7.0	2.0	3.5	1.8	3.3	0.000	0.000	0.000	0.000
22:15:00	15.8	16.2	12.8	6.3	2.8	3.7	2.0	2.3	0.000	0.000	0.000	0.000
22:30:00	16.0	21.4	18.7	9.5	3.3	4.5	5.2	3.0	0.000	0.000	0.000	0.000
22:45:00	12.0	23.0	16.4	14.2	2.9	5.2	6.4	2.6	0.000	0.000	0.000	0.000
23:00:00	21.1	22.1	16.1	35.7	3.9	5.4	23.3	3.0	0.000	0.000	0.000	0.000
23:15:00	12.5	27.7	19.0	11.4	3.3	5.9	4.0	3.3	0.000	0.000	0.000	0.000
23:30:00	9.8	26.2	26.5	9.3	2.9	5.4	2.7	3.8	0.000	0.000	0.000	0.000
23:45:00	4.9	18.4	24.4	6.0	2.0	4.5	2.4	4.1	0.000	0.000	0.000	0.000



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