



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-31

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1790 Max : 19.55	2943 ENE	3277 SW	2996 WSW	2997 NNW	Min : 30.74 Max : 66.38	Min : 25.50 Max : 78.40	Min : 30.07 Max : 30.29

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	11.1	39.9	5.4	10.2	0.002	0.021
2996	9.9	50.4	5.7	27.7	0.002	0.013
2997	9.8	36.2	5.5	8.0	0.001	0.013
3277	9.1	20.4	6.8	17.1	0.001	0.011

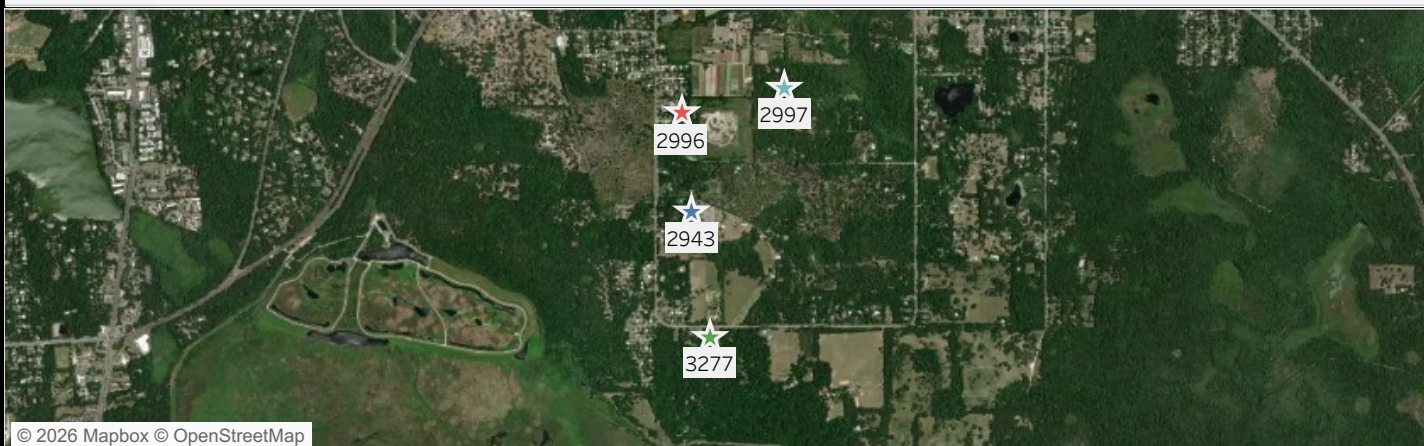


Figure 1 : Monitoring Locations

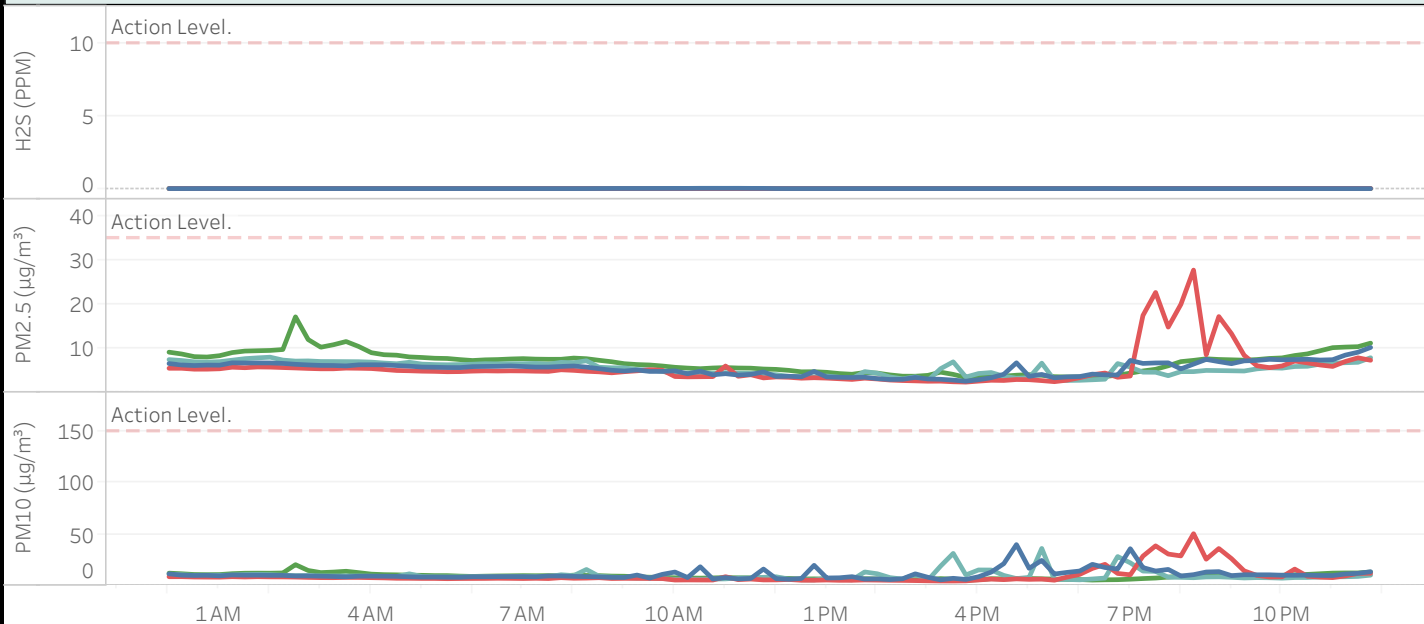


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



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Wind Rose Chart 2943

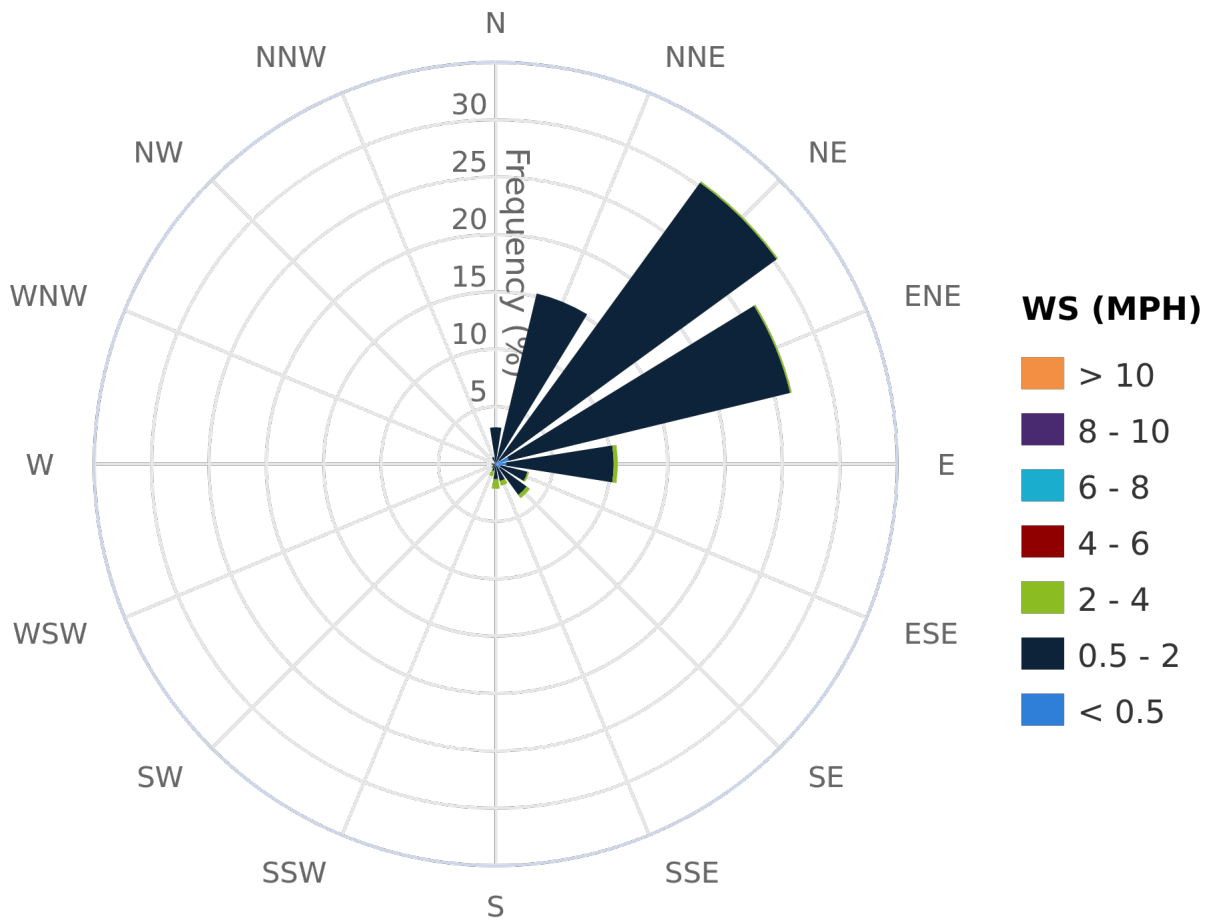


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

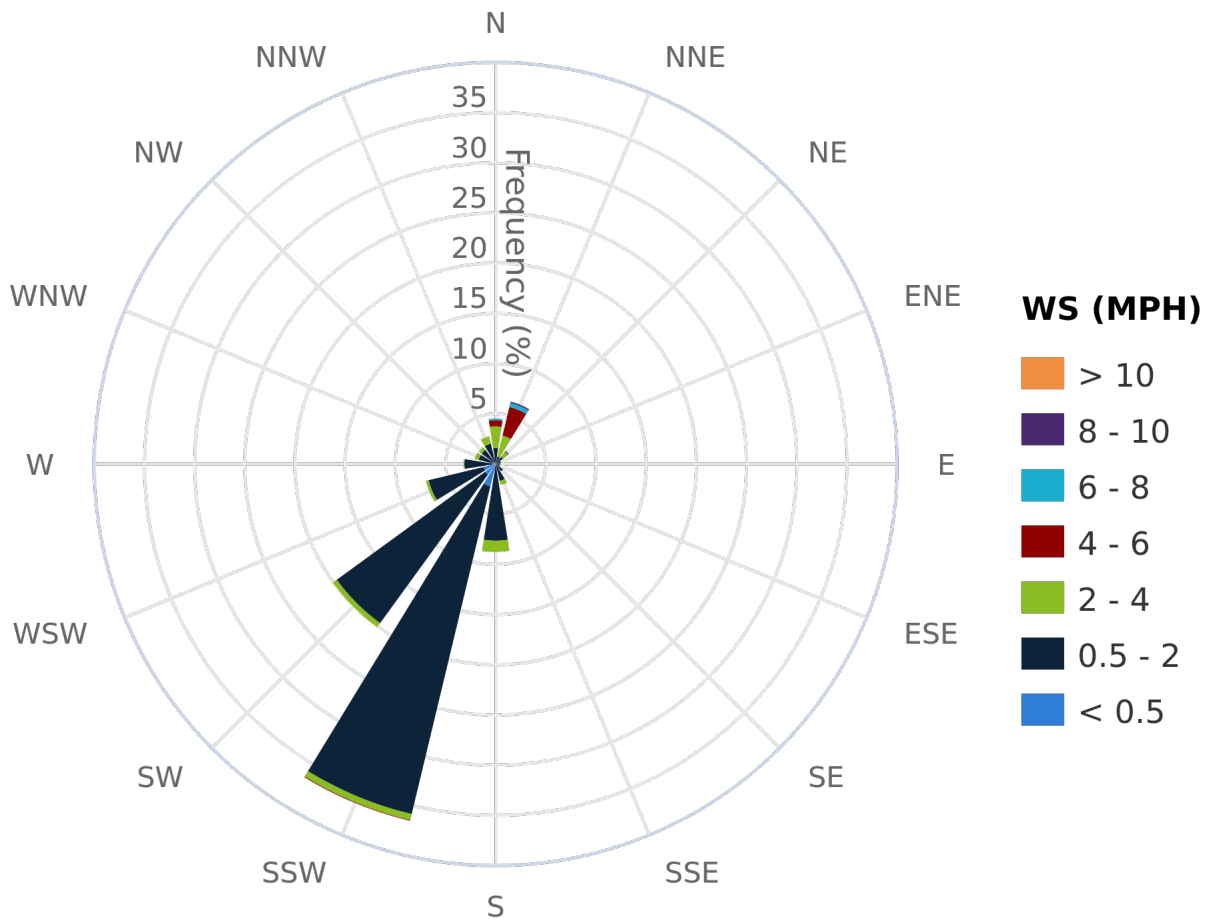


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

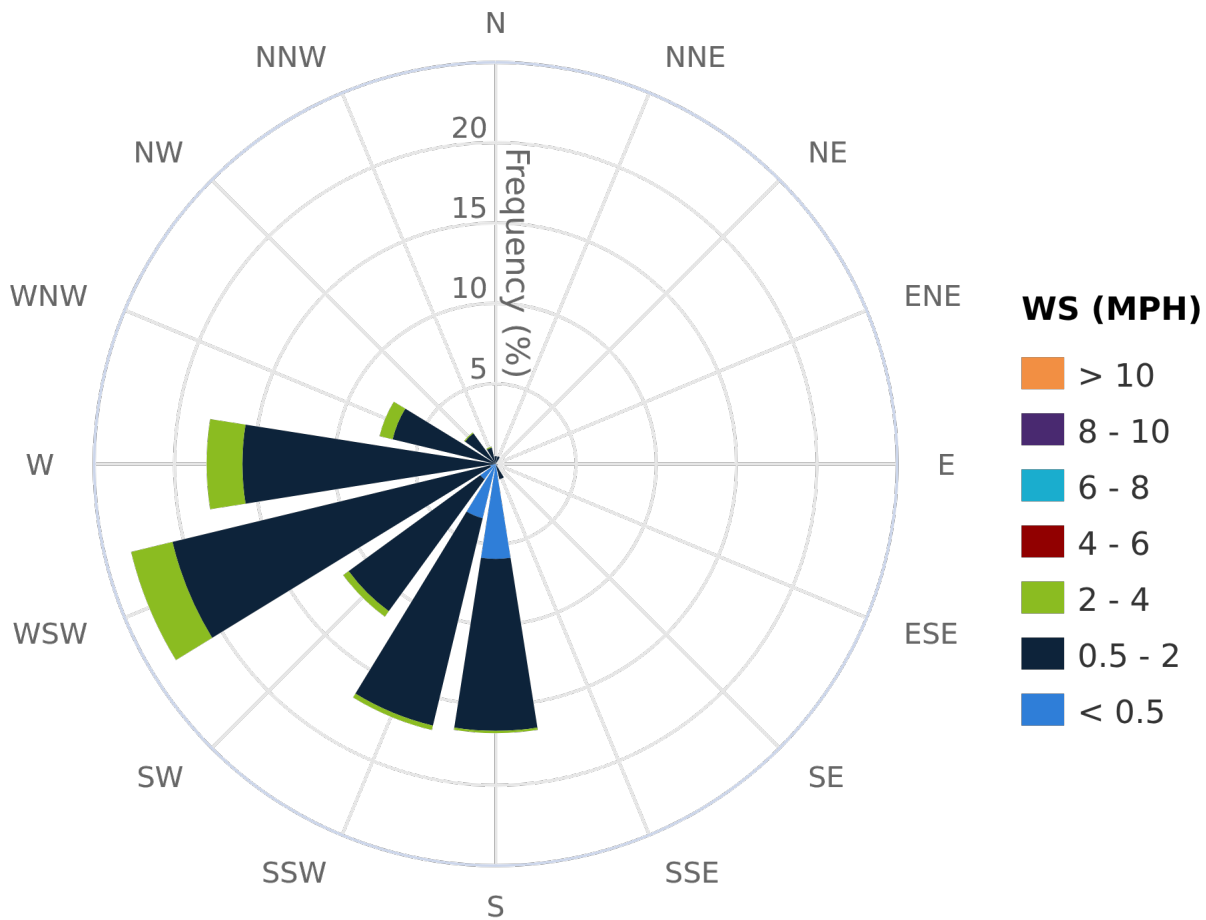


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

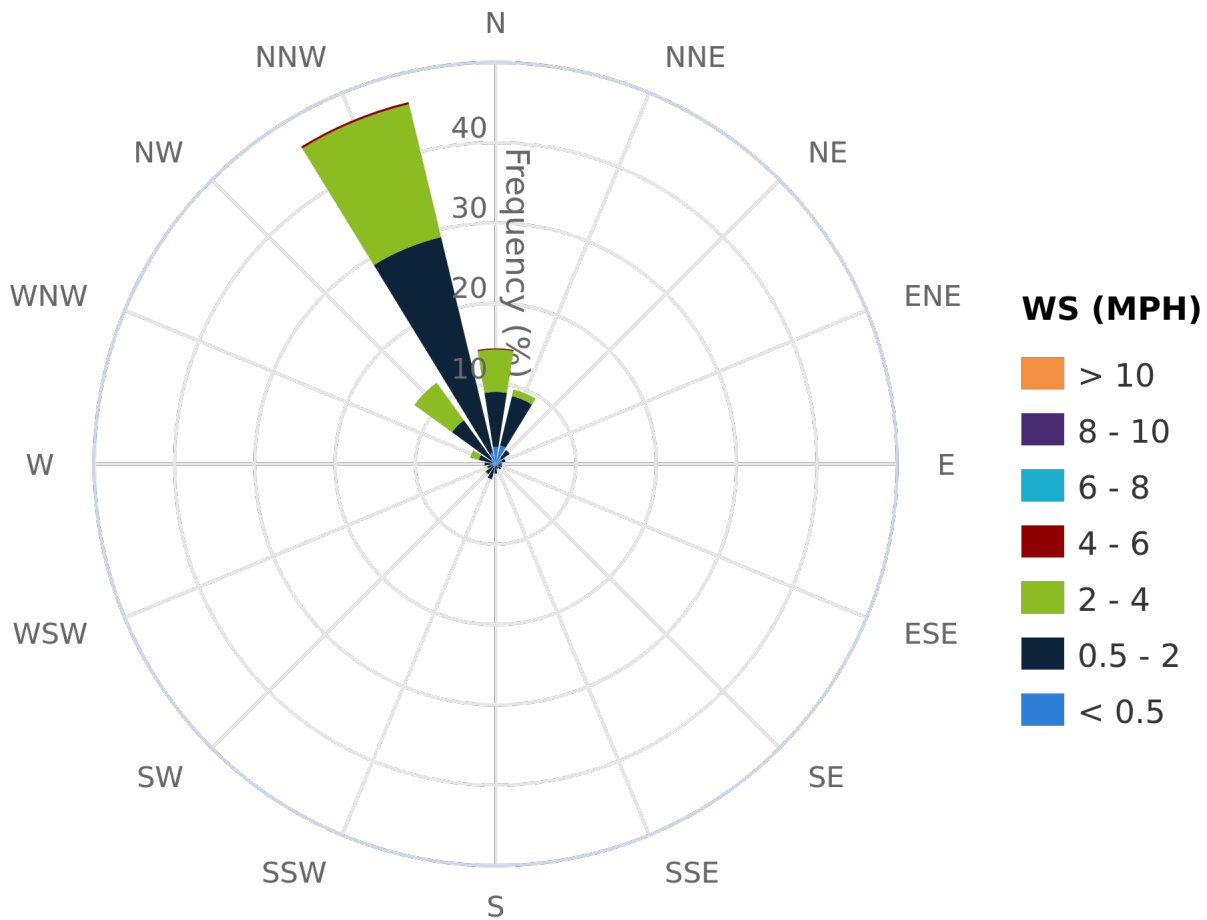


Figure 3 : Wind Rose Chart (WS in MPH)



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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	11.5	12.2	11.1	8.8	6.6	9.1	5.5	7.5	0.000	0.000	0.000	0.000
00:15:00	10.3	11.6	10.7	8.8	6.3	8.7	5.5	7.3	0.000	0.000	0.000	0.000
00:30:00	10.0	10.9	10.1	8.5	6.1	8.1	5.3	7.0	0.001	0.000	0.000	0.001
00:45:00	10.1	10.8	10.2	8.4	6.2	8.0	5.3	6.9	0.003	0.000	0.000	0.001
01:00:00	9.6	10.9	10.2	8.3	6.2	8.4	5.4	7.0	0.002	0.000	0.000	0.000
01:15:00	10.5	11.7	10.4	8.8	6.7	9.1	5.7	7.3	0.000	0.003	0.000	0.001
01:30:00	10.3	12.2	10.9	8.5	6.7	9.4	5.6	7.7	0.000	0.000	0.000	0.000
01:45:00	10.3	12.2	11.0	8.8	6.7	9.5	5.8	7.9	0.000	0.000	0.000	0.000
02:00:00	10.1	12.2	10.8	8.6	6.7	9.5	5.8	8.0	0.000	0.000	0.000	0.000
02:15:00	10.1	12.4	10.2	8.6	6.6	9.7	5.7	7.4	0.000	0.000	0.000	0.000
02:30:00	9.5	20.4	9.8	8.4	6.4	17.1	5.6	7.1	0.000	0.000	0.000	0.000
02:45:00	9.6	14.8	9.9	8.1	6.3	12.0	5.5	7.2	0.000	0.000	0.000	0.000
03:00:00	9.3	12.8	9.6	7.9	6.2	10.3	5.4	7.0	0.000	0.000	0.000	0.000
03:15:00	9.0	13.3	9.6	7.8	6.1	10.8	5.4	7.0	0.000	0.000	0.000	0.000
03:30:00	8.7	14.1	9.5	8.1	6.0	11.5	5.5	7.0	0.000	0.000	0.000	0.000
03:45:00	9.2	12.7	9.5	8.1	6.3	10.4	5.5	7.0	0.000	0.000	0.000	0.000
04:00:00	9.3	11.3	9.3	7.8	6.3	9.0	5.4	6.9	0.000	0.000	0.000	0.000
04:15:00	9.2	10.8	9.0	7.6	6.3	8.6	5.2	6.7	0.000	0.000	0.000	0.000
04:30:00	9.1	10.6	9.0	7.3	6.1	8.5	5.0	6.5	0.000	0.000	0.000	0.000
04:45:00	8.7	10.3	11.6	7.2	6.0	8.1	4.9	6.9	0.000	0.000	0.000	0.000
05:00:00	8.4	10.1	9.0	7.1	5.8	7.9	4.9	6.5	0.000	0.000	0.000	0.000
05:15:00	8.4	9.8	8.7	7.1	5.7	7.8	4.8	6.3	0.000	0.000	0.000	0.000
05:30:00	8.3	9.8	8.6	6.9	5.7	7.7	4.7	6.3	0.000	0.000	0.000	0.000
05:45:00	8.2	9.4	8.7	7.0	5.7	7.5	4.8	6.3	0.000	0.000	0.000	0.000
06:00:00	8.7	9.1	8.8	7.1	5.9	7.3	4.9	6.4	0.000	0.000	0.000	0.000
06:15:00	8.7	9.3	8.9	7.1	5.9	7.4	4.9	6.5	0.000	0.000	0.000	0.000
06:30:00	8.9	9.5	8.7	7.3	6.0	7.5	4.9	6.5	0.000	0.000	0.000	0.000
06:45:00	8.9	9.7	8.8	7.2	6.0	7.6	4.9	6.5	0.000	0.002	0.000	0.000
07:00:00	8.8	9.8	8.8	7.0	5.9	7.7	4.9	6.5	0.000	0.000	0.000	0.000
07:15:00	8.7	9.7	8.8	7.2	5.8	7.6	4.8	6.6	0.000	0.000	0.000	0.000
07:30:00	9.5	9.8	8.7	7.0	5.8	7.5	4.8	6.4	0.000	0.000	0.000	0.000
07:45:00	9.4	9.6	10.7	7.8	5.9	7.5	5.2	6.8	0.000	0.000	0.000	0.000
08:00:00	9.1	10.3	9.9	7.3	6.0	7.8	5.0	6.8	0.000	0.000	0.000	0.000
08:15:00	8.9	10.0	15.8	7.4	5.8	7.7	4.8	7.2	0.001	0.000	0.000	0.000
08:30:00	8.6	9.8	9.2	7.8	5.4	7.3	4.7	5.7	0.005	0.000	0.000	0.001
08:45:00	8.1	9.4	8.4	7.0	5.1	7.0	4.5	5.6	0.009	0.001	0.000	0.002
09:00:00	8.0	9.2	7.9	7.2	4.9	6.5	4.7	5.6	0.011	0.003	0.000	0.001
09:15:00	10.4	8.7	7.4	7.1	5.1	6.3	4.9	5.2	0.010	0.003	0.000	0.002
09:30:00	7.5	8.3	7.6	7.0	4.8	6.3	5.2	5.2	0.012	0.001	0.000	0.003
09:45:00	11.0	8.1	7.0	7.0	4.8	6.0	5.1	4.8	0.013	0.008	0.000	0.005
10:00:00	13.3	7.7	6.3	5.5	4.9	5.7	3.6	4.2	0.015	0.011	0.000	0.005
10:15:00	8.0	7.5	6.3	5.6	4.3	5.6	3.6	4.4	0.016	0.008	0.000	0.005
10:30:00	18.4	7.4	6.3	5.6	4.8	5.4	3.6	4.4	0.021	0.008	0.000	0.011
10:45:00	6.5	7.6	6.5	5.5	4.0	5.6	3.6	4.4	0.021	0.007	0.000	0.013
11:00:00	7.9	7.9	6.7	8.8	4.3	5.7	6.0	4.5	0.020	0.003	0.000	0.013
11:15:00	6.6	7.7	7.5	5.9	4.0	5.6	3.7	4.4	0.021	0.003	0.000	0.013
11:30:00	7.2	7.7	7.6	6.5	4.1	5.5	4.0	4.3	0.016	0.000	0.000	0.013
11:45:00	16.2	7.7	8.2	5.7	4.7	5.3	3.3	4.2	0.015	0.000	0.000	0.009



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12:00:00	6.9	7.5	8.7	5.7	3.7	5.3	3.6	4.1	0.003	0.000	0.000	0.007
12:15:00	6.3	7.1	6.4	6.1	3.7	5.0	3.5	3.7	0.000	0.002	0.000	0.001
12:30:00	7.1	6.5	5.8	5.4	3.6	4.7	3.3	3.6	0.000	0.000	0.000	0.000
12:45:00	19.8	6.7	5.6	5.3	4.8	4.7	3.4	3.6	0.000	0.000	0.000	0.000
13:00:00	7.6	6.5	7.3	5.6	3.5	4.6	3.3	3.8	0.000	0.000	0.000	0.000
13:15:00	7.7	6.2	6.3	5.3	3.5	4.3	3.1	3.5	0.000	0.000	0.000	0.000
13:30:00	8.8	6.2	5.7	5.3	3.4	4.2	3.0	3.2	0.000	0.000	0.000	0.000
13:45:00	6.5	6.8	13.4	5.6	3.5	4.6	3.3	4.8	0.000	0.000	0.000	0.000
14:00:00	6.6	6.7	11.6	5.5	3.2	4.4	3.1	4.4	0.000	0.000	0.000	0.000
14:15:00	6.0	6.4	7.9	5.3	3.0	4.0	2.8	3.5	0.000	0.000	0.000	0.000
14:30:00	6.8	6.0	6.5	5.2	3.0	3.7	2.7	3.1	0.000	0.000	0.000	0.000
14:45:00	11.6	5.9	10.9	5.0	3.4	3.7	2.7	3.6	0.000	0.000	0.000	0.000
15:00:00	8.2	6.1	5.4	4.8	3.1	3.9	2.6	2.8	0.000	0.000	0.000	0.000
15:15:00	5.7	6.9	19.0	4.6	3.0	4.6	2.6	5.4	0.000	0.000	0.000	0.000
15:30:00	7.2	6.4	31.4	4.6	2.8	4.1	2.5	7.0	0.000	0.000	0.000	0.000
15:45:00	6.1	5.5	10.5	4.7	2.6	3.4	2.4	3.5	0.000	0.000	0.000	0.000
16:00:00	8.7	5.9	15.3	5.6	2.9	3.6	2.6	4.3	0.000	0.000	0.000	0.000
16:15:00	13.2	6.9	15.3	6.5	3.4	3.8	2.8	4.5	0.000	0.001	0.000	0.000
16:30:00	21.4	6.7	10.0	5.9	4.1	3.7	2.8	3.7	0.000	0.001	0.000	0.000
16:45:00	39.9	7.0	7.0	6.7	6.7	3.9	3.0	3.3	0.000	0.000	0.000	0.000
17:00:00	16.9	7.1	8.1	6.2	3.7	4.1	2.9	3.4	0.000	0.002	0.000	0.001
17:15:00	24.6	6.8	36.2	6.5	4.1	3.9	2.7	6.7	0.000	0.001	0.000	0.002
17:30:00	11.4	6.5	6.0	5.4	3.4	3.6	2.5	2.8	0.000	0.001	0.000	0.000
17:45:00	13.0	6.1	6.1	8.4	3.6	3.5	2.8	2.8	0.000	0.003	0.000	0.000
18:00:00	14.3	6.0	5.7	11.0	3.6	3.6	3.4	2.8	0.000	0.001	0.000	0.000
18:15:00	20.8	5.5	6.6	16.8	4.2	3.4	4.1	2.9	0.002	0.000	0.000	0.000
18:30:00	17.7	5.8	7.5	20.8	4.0	3.6	4.4	3.0	0.005	0.000	0.000	0.000
18:45:00	16.3	5.9	28.3	11.9	4.0	4.0	3.5	6.6	0.000	0.000	0.000	0.000
19:00:00	35.9	6.4	22.2	10.6	7.3	4.4	3.8	5.8	0.000	0.000	0.000	0.000
19:15:00	17.6	7.0	14.2	28.7	6.6	4.9	17.4	4.6	0.000	0.000	0.004	0.000
19:30:00	14.3	7.5	13.9	38.7	6.7	5.3	22.6	4.6	0.000	0.000	0.007	0.000
19:45:00	15.8	8.4	8.3	30.7	6.7	6.1	14.8	3.8	0.000	0.000	0.007	0.000
20:00:00	9.5	9.2	8.1	28.9	5.4	7.0	20.0	4.7	0.000	0.000	0.007	0.000
20:15:00	10.8	9.4	7.8	50.4	6.4	7.3	27.7	4.8	0.000	0.000	0.009	0.000
20:30:00	13.3	9.6	8.5	25.7	7.5	7.6	8.6	5.0	0.000	0.000	0.011	0.000
20:45:00	13.7	9.4	8.6	36.1	7.0	7.5	17.2	5.0	0.000	0.000	0.011	0.000
21:00:00	9.8	9.3	8.2	26.3	6.5	7.4	13.3	4.9	0.000	0.000	0.010	0.000
21:15:00	10.7	9.2	7.6	14.4	7.2	7.3	8.4	4.9	0.000	0.000	0.010	0.000
21:30:00	10.6	9.5	7.9	10.1	7.3	7.5	6.1	5.4	0.000	0.000	0.013	0.000
21:45:00	10.6	9.9	7.7	8.5	7.5	7.7	5.6	5.6	0.000	0.000	0.010	0.000
22:00:00	10.2	10.2	7.4	8.7	7.4	7.9	6.0	5.5	0.000	0.000	0.011	0.000
22:15:00	10.2	10.7	8.0	16.2	7.5	8.4	7.1	5.9	0.000	0.000	0.010	0.000
22:30:00	10.3	11.0	8.0	9.2	7.5	8.8	6.7	6.0	0.000	0.000	0.010	0.000
22:45:00	10.0	11.6	8.5	8.3	7.4	9.5	6.3	6.4	0.000	0.000	0.008	0.000
23:00:00	9.9	12.3	8.6	7.9	7.4	10.2	5.9	6.7	0.000	0.000	0.008	0.000
23:15:00	11.4	12.4	8.7	9.6	8.5	10.3	7.0	6.8	0.000	0.000	0.009	0.000
23:30:00	12.1	12.4	9.1	12.0	9.1	10.4	7.9	6.9	0.000	0.000	0.008	0.000
23:45:00	13.6	13.3	10.3	12.1	10.2	11.2	7.3	7.9	0.000	0.000	0.009	0.000



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