



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-01-14

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1120 Max : 10.49	2943 ENE	3277 SSW	2996 SW	2997 WNW	Min : 50.00 Max : 62.96	Min : 38.00 Max : 83.00	Min : 29.80 Max : 30.19

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	15.3	72.5	8.7	18.2	0.002	0.028
2996	11.1	18.6	7.5	13.9	0.001	0.011
2997	13.0	27.2	8.7	16.5	0.003	0.026
3277	16.2	32.8	12.6	28.5	0.002	0.020

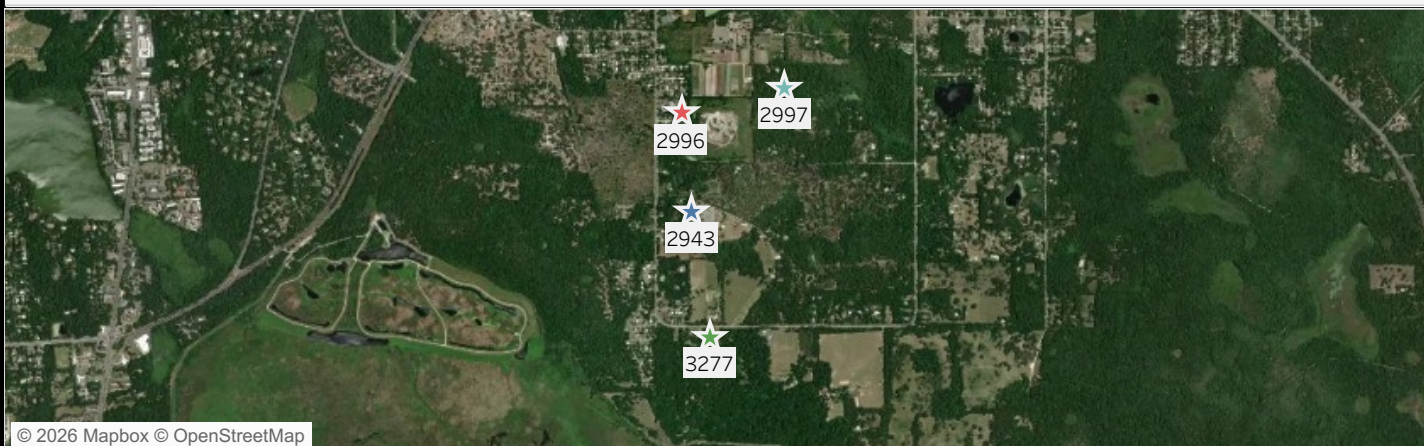
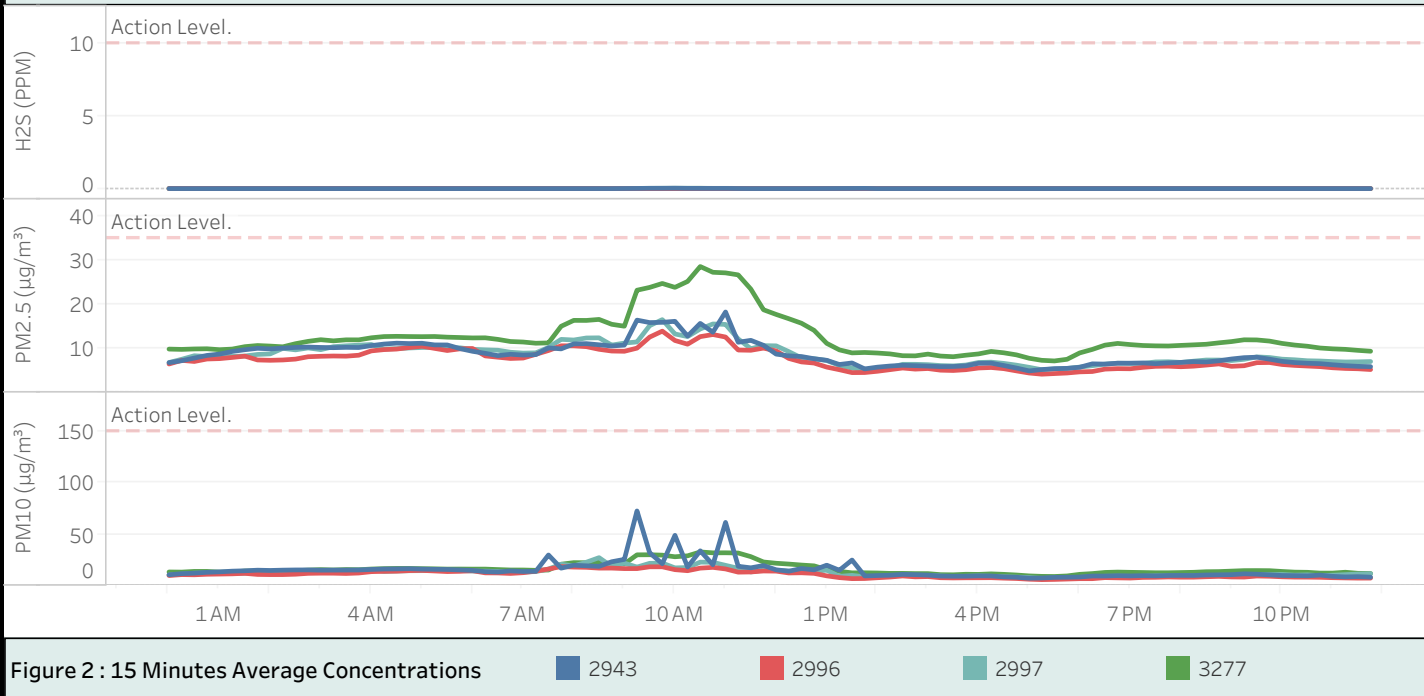


Figure 1 : Monitoring Locations





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Wind Rose Chart 2943

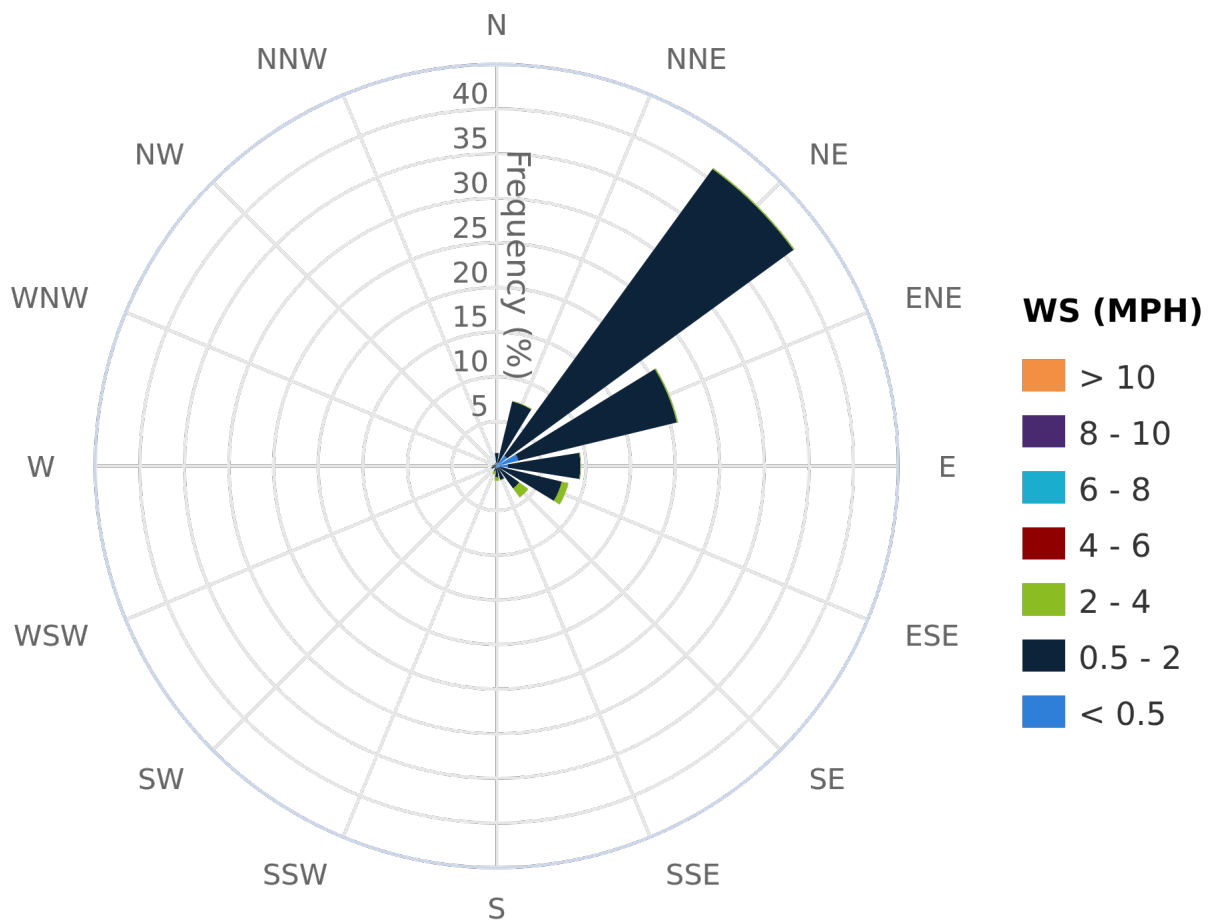


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

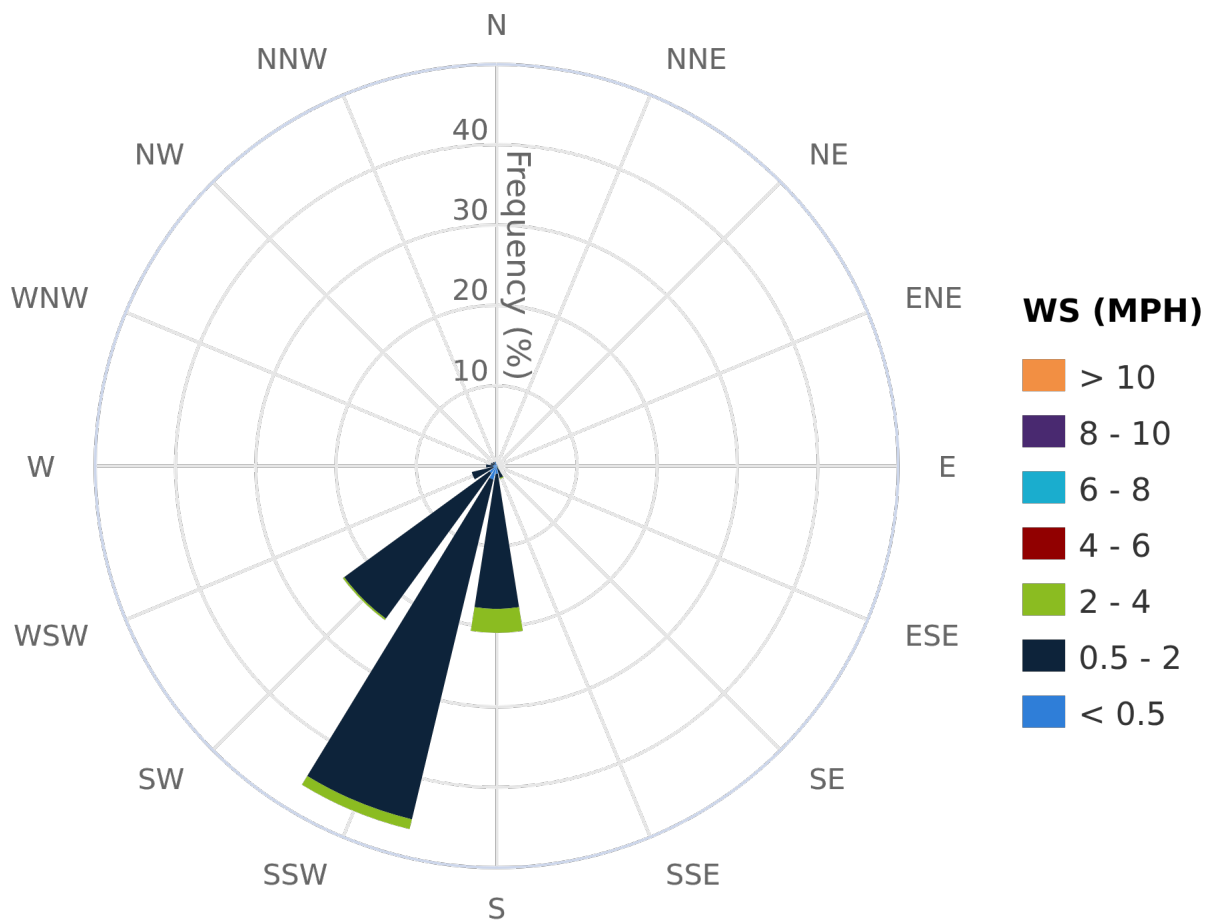


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

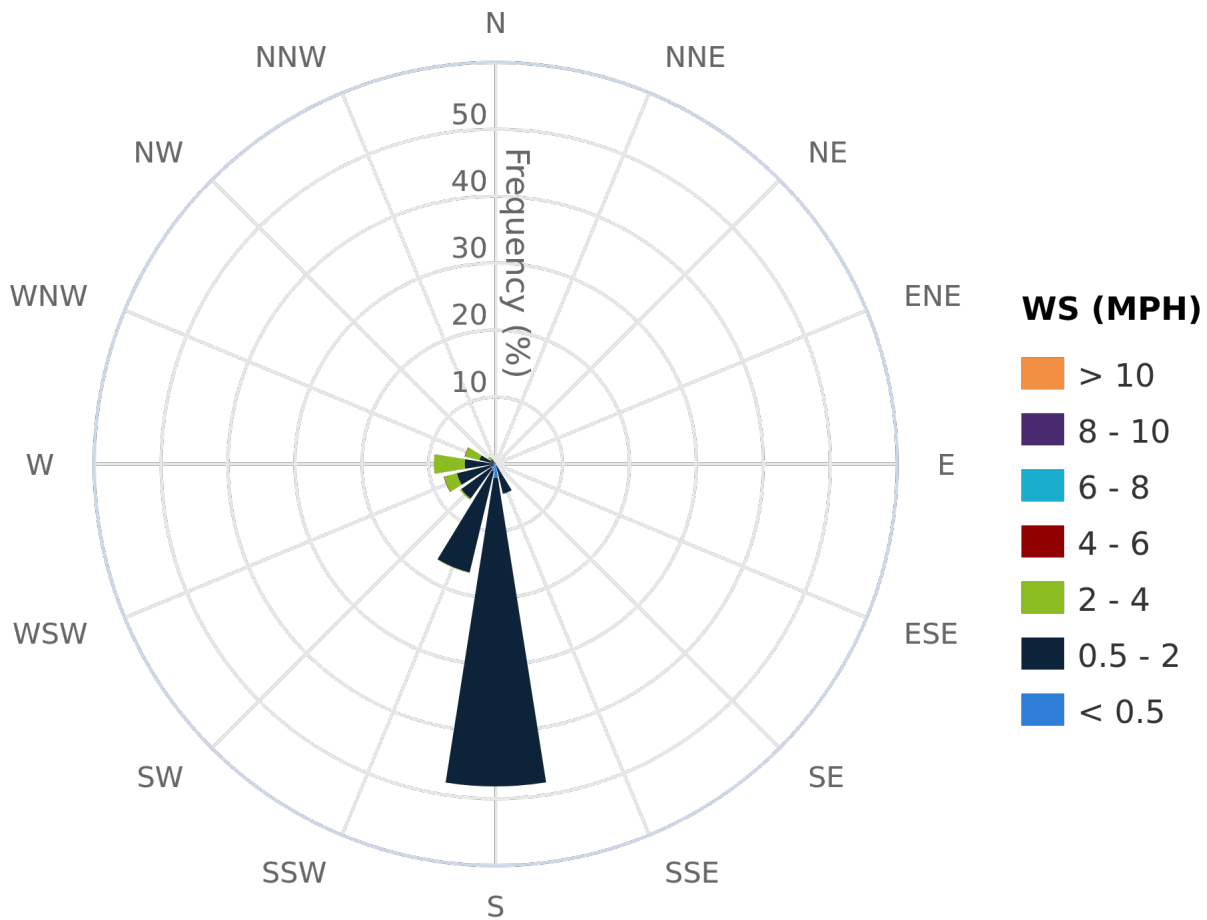


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

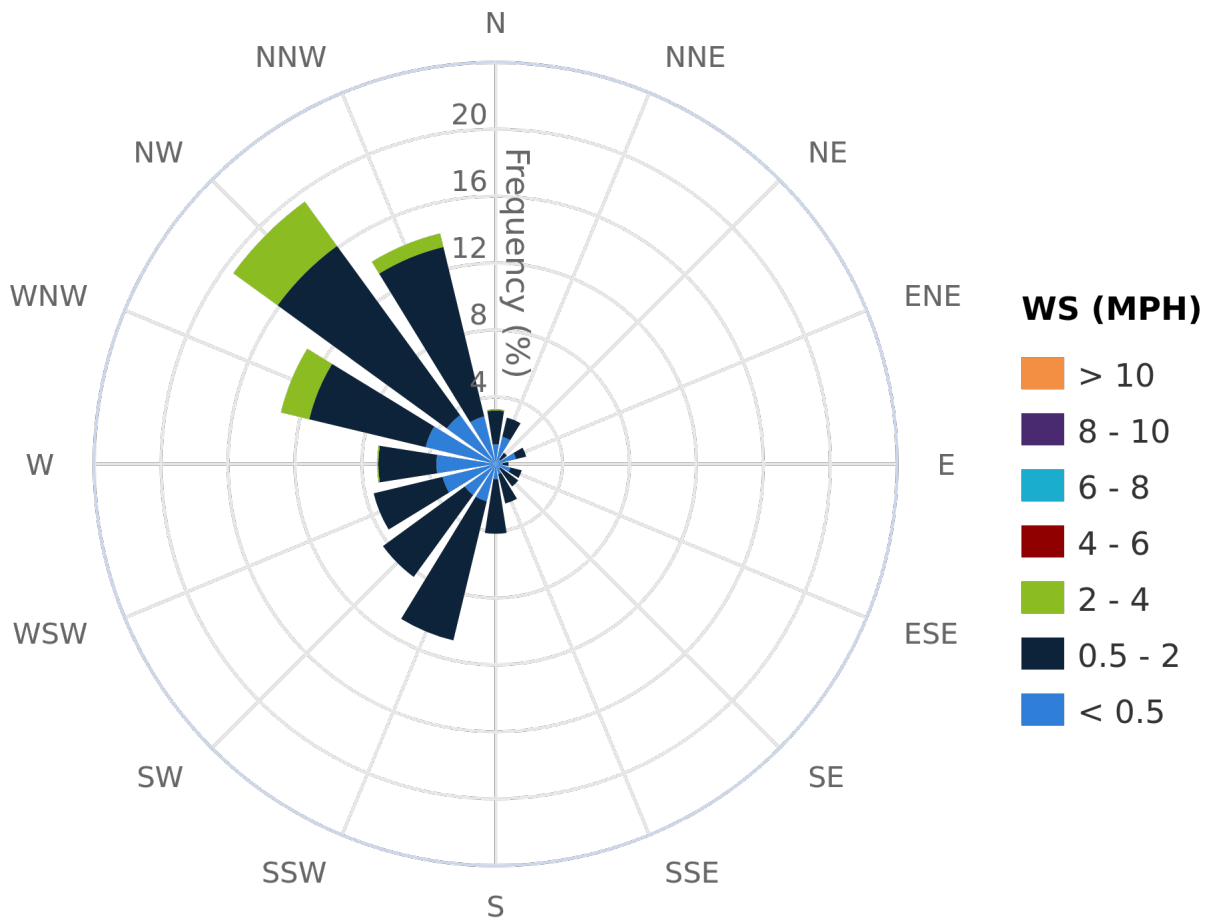


Figure 3 : Wind Rose Chart (WS in MPH)



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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	10.6	13.4	10.5	9.9	6.8	9.8	6.5	6.8	0.000	0.000	0.003	0.000
00:15:00	11.7	13.2	11.3	10.8	7.2	9.8	7.3	7.5	0.000	0.000	0.003	0.000
00:30:00	12.2	13.9	12.2	10.6	7.8	9.9	7.0	8.3	0.000	0.000	0.003	0.000
00:45:00	13.0	13.9	12.4	11.2	8.4	9.9	7.6	8.2	0.000	0.000	0.003	0.000
01:00:00	13.5	13.2	11.8	11.3	8.7	9.7	7.7	8.2	0.000	0.000	0.002	0.000
01:15:00	14.2	13.3	12.0	11.6	9.3	9.8	8.0	8.2	0.000	0.000	0.003	0.000
01:30:00	14.5	14.3	12.1	12.0	9.7	10.4	8.2	8.3	0.000	0.000	0.001	0.000
01:45:00	15.1	14.2	13.0	11.0	10.0	10.6	7.4	8.6	0.000	0.000	0.002	0.000
02:00:00	14.8	13.9	12.8	10.8	9.9	10.5	7.3	8.8	0.000	0.000	0.001	0.000
02:15:00	15.1	13.7	14.3	10.8	10.1	10.4	7.4	10.0	0.000	0.000	0.000	0.000
02:30:00	15.3	14.6	14.2	11.2	10.2	11.1	7.6	9.7	0.000	0.000	0.001	0.000
02:45:00	15.4	15.2	14.4	12.0	10.3	11.6	8.1	10.1	0.000	0.000	0.001	0.000
03:00:00	15.1	15.6	13.9	12.2	10.2	12.0	8.2	9.7	0.000	0.000	0.001	0.000
03:15:00	15.2	15.3	15.0	12.2	10.2	11.7	8.3	10.4	0.000	0.000	0.005	0.000
03:30:00	15.2	15.7	14.9	11.9	10.2	11.9	8.2	10.6	0.000	0.000	0.004	0.000
03:45:00	15.3	15.6	15.2	12.4	10.2	11.9	8.5	10.7	0.000	0.000	0.001	0.000
04:00:00	15.8	16.2	15.4	13.7	10.6	12.4	9.4	10.9	0.000	0.000	0.000	0.000
04:15:00	16.2	16.6	13.8	14.0	11.0	12.7	9.7	9.8	0.000	0.000	0.000	0.000
04:30:00	16.4	16.8	14.2	14.1	11.2	12.7	9.8	9.9	0.000	0.000	0.002	0.000
04:45:00	16.5	16.8	14.6	14.7	11.1	12.7	10.2	10.1	0.000	0.000	0.005	0.000
05:00:00	16.2	16.6	14.6	14.9	11.2	12.7	10.5	10.2	0.000	0.000	0.009	0.000
05:15:00	15.9	16.4	14.6	14.3	10.8	12.7	10.0	10.2	0.000	0.000	0.011	0.000
05:30:00	15.8	16.1	14.8	13.7	10.8	12.5	9.5	10.1	0.000	0.000	0.005	0.000
05:45:00	15.3	16.2	14.8	14.0	10.0	12.5	9.9	10.1	0.000	0.000	0.004	0.000
06:00:00	14.9	16.1	14.2	14.6	9.3	12.4	10.0	9.8	0.000	0.000	0.006	0.000
06:15:00	13.7	16.2	14.2	12.5	8.9	12.4	8.3	9.7	0.000	0.000	0.002	0.000
06:30:00	13.3	15.7	13.8	12.4	8.4	12.0	8.0	9.6	0.000	0.000	0.000	0.000
06:45:00	14.3	15.3	13.4	11.9	8.7	11.6	7.7	9.1	0.000	0.000	0.000	0.000
07:00:00	13.8	15.3	13.3	12.7	8.5	11.4	7.8	8.9	0.000	0.000	0.000	0.000
07:15:00	14.0	15.0	13.7	14.2	8.6	11.2	8.7	9.0	0.000	0.000	0.000	0.000
07:30:00	29.8	15.2	16.2	16.2	10.1	11.2	9.5	10.2	0.000	0.000	0.000	0.000
07:45:00	17.0	20.9	20.9	18.6	9.9	15.0	10.6	12.0	0.000	0.000	0.000	0.000
08:00:00	19.9	22.4	19.3	18.1	11.0	16.3	10.6	11.9	0.000	0.000	0.000	0.000
08:15:00	19.3	22.3	22.8	17.8	11.1	16.3	10.4	12.4	0.000	0.000	0.000	0.001
08:30:00	18.8	22.7	27.2	17.1	10.8	16.5	9.8	12.4	0.000	0.003	0.000	0.005
08:45:00	23.3	21.5	18.7	17.1	10.5	15.4	9.4	10.7	0.000	0.001	0.000	0.006
09:00:00	25.6	21.1	22.0	16.6	10.7	15.0	9.3	11.2	0.006	0.002	0.000	0.009
09:15:00	72.5	30.0	18.1	16.6	16.4	23.1	10.1	11.5	0.012	0.011	0.000	0.012
09:30:00	32.0	30.0	21.8	18.4	15.8	23.8	12.5	15.1	0.022	0.014	0.000	0.018
09:45:00	21.3	29.7	22.0	18.4	15.9	24.7	13.9	16.5	0.023	0.015	0.000	0.023
10:00:00	48.9	28.1	17.3	15.6	16.1	23.8	11.8	13.3	0.028	0.018	0.000	0.023
10:15:00	18.2	29.0	17.7	14.6	12.8	25.1	10.9	12.7	0.017	0.017	0.000	0.026
10:30:00	33.9	32.8	22.9	17.1	15.7	28.5	12.7	14.4	0.015	0.020	0.000	0.022
10:45:00	20.4	31.9	22.7	17.8	13.7	27.2	13.1	15.5	0.013	0.013	0.000	0.018
11:00:00	61.4	31.9	19.8	16.3	18.2	27.1	12.6	15.4	0.014	0.010	0.000	0.018
11:15:00	18.9	31.7	16.9	13.2	11.4	26.6	9.6	12.1	0.005	0.003	0.000	0.016
11:30:00	17.4	28.2	13.4	13.4	11.8	23.4	9.6	9.9	0.001	0.000	0.000	0.015
11:45:00	19.6	23.0	15.2	14.3	10.7	18.7	10.1	10.6	0.000	0.000	0.000	0.013



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12:00:00	15.5	21.8	15.0	14.2	8.7	17.7	9.4	10.6	0.000	0.002	0.000	0.013
12:15:00	14.1	21.0	14.3	12.4	8.3	16.7	7.7	9.3	0.000	0.003	0.000	0.013
12:30:00	16.7	20.1	12.8	12.6	8.2	15.7	6.9	7.9	0.000	0.000	0.000	0.015
12:45:00	15.4	19.3	14.0	12.0	7.7	14.1	6.7	7.7	0.002	0.003	0.000	0.015
13:00:00	20.0	15.6	15.1	9.6	7.3	11.1	5.8	7.3	0.004	0.002	0.000	0.009
13:15:00	15.0	14.0	9.1	7.9	6.4	9.7	5.2	6.1	0.007	0.003	0.000	0.014
13:30:00	24.9	12.5	10.1	6.9	6.7	9.0	4.5	5.5	0.010	0.004	0.000	0.012
13:45:00	9.5	12.6	8.7	7.0	5.4	9.1	4.5	5.2	0.015	0.005	0.000	0.007
14:00:00	9.9	12.4	8.7	7.8	5.8	9.0	4.8	5.3	0.000	0.000	0.000	0.001
14:15:00	10.2	12.0	8.9	8.5	6.0	8.8	5.2	5.6	0.000	0.000	0.000	0.000
14:30:00	11.0	12.0	10.5	9.5	6.2	8.3	5.6	6.4	0.000	0.000	0.000	0.000
14:45:00	10.8	11.8	9.9	8.6	6.1	8.3	5.3	6.4	0.000	0.000	0.000	0.000
15:00:00	10.3	11.8	9.9	8.9	6.0	8.7	5.4	6.3	0.000	0.000	0.000	0.000
15:15:00	9.4	10.8	9.5	7.8	5.9	8.3	5.1	6.1	0.000	0.000	0.000	0.000
15:30:00	9.2	10.6	9.0	7.6	5.9	8.1	5.0	6.0	0.000	0.000	0.000	0.000
15:45:00	9.3	11.2	9.2	7.7	6.1	8.5	5.2	6.2	0.000	0.000	0.000	0.000
16:00:00	9.6	11.0	9.5	7.8	6.6	8.8	5.6	6.8	0.000	0.000	0.000	0.000
16:15:00	9.5	11.5	9.2	7.8	6.7	9.3	5.7	6.9	0.000	0.000	0.000	0.000
16:30:00	8.6	11.1	8.8	7.4	6.1	9.0	5.4	6.6	0.000	0.000	0.000	0.000
16:45:00	8.2	10.4	8.4	7.0	5.6	8.5	4.9	6.2	0.000	0.000	0.000	0.000
17:00:00	7.3	9.6	8.0	6.4	4.9	7.8	4.4	5.7	0.000	0.000	0.000	0.000
17:15:00	7.5	9.1	7.1	6.0	5.2	7.3	4.2	5.2	0.000	0.000	0.000	0.000
17:30:00	8.1	9.0	7.5	6.2	5.4	7.2	4.3	5.4	0.000	0.000	0.000	0.000
17:45:00	8.2	9.5	7.8	6.5	5.5	7.5	4.4	5.5	0.000	0.000	0.000	0.000
18:00:00	8.5	11.1	8.2	6.9	5.7	9.0	4.7	5.8	0.000	0.000	0.000	0.000
18:15:00	9.5	11.8	8.7	6.9	6.5	9.8	4.8	6.1	0.000	0.000	0.000	0.000
18:30:00	9.4	12.9	9.2	7.9	6.5	10.7	5.3	6.4	0.000	0.000	0.000	0.000
18:45:00	9.8	13.3	9.3	7.7	6.7	11.1	5.4	6.7	0.000	0.000	0.000	0.000
19:00:00	9.5	13.0	9.1	7.5	6.7	10.9	5.4	6.6	0.000	0.000	0.000	0.000
19:15:00	9.8	12.8	9.2	8.1	6.7	10.7	5.7	6.6	0.000	0.000	0.000	0.000
19:30:00	9.6	12.6	9.6	8.2	6.6	10.6	5.9	6.9	0.000	0.000	0.000	0.000
19:45:00	10.0	12.6	9.5	8.5	6.7	10.5	6.0	7.0	0.000	0.000	0.000	0.000
20:00:00	10.0	12.8	9.5	8.3	6.8	10.7	5.9	6.8	0.000	0.000	0.000	0.000
20:15:00	10.0	13.0	9.6	8.3	7.0	10.8	6.0	7.1	0.000	0.000	0.000	0.000
20:30:00	10.5	13.6	9.9	8.7	6.9	10.9	6.2	7.4	0.000	0.000	0.000	0.000
20:45:00	10.6	13.7	10.2	9.1	7.2	11.3	6.5	7.4	0.000	0.000	0.000	0.000
21:00:00	10.8	14.2	10.1	8.5	7.6	11.5	5.9	7.3	0.000	0.000	0.000	0.000
21:15:00	11.6	14.7	10.3	8.4	7.9	11.9	6.1	7.5	0.000	0.000	0.000	0.000
21:30:00	11.2	14.7	10.8	9.4	8.0	11.9	6.8	8.1	0.000	0.000	0.000	0.000
21:45:00	10.6	14.6	10.8	9.2	7.6	11.7	6.8	7.9	0.000	0.000	0.000	0.000
22:00:00	10.0	13.9	11.0	8.7	7.1	11.1	6.4	7.6	0.000	0.000	0.000	0.000
22:15:00	9.8	13.2	10.3	8.4	6.8	10.8	6.2	7.4	0.000	0.000	0.000	0.000
22:30:00	9.6	13.0	10.6	8.4	6.6	10.5	6.0	7.2	0.000	0.000	0.000	0.000
22:45:00	10.3	12.3	9.8	8.2	6.6	10.1	5.9	7.1	0.000	0.000	0.000	0.000
23:00:00	9.1	12.3	10.2	7.8	6.3	9.9	5.6	7.0	0.000	0.000	0.000	0.000
23:15:00	8.6	13.1	10.8	7.6	6.1	9.8	5.5	6.9	0.000	0.000	0.000	0.000
23:30:00	8.8	12.1	11.4	7.4	5.9	9.6	5.4	7.0	0.000	0.000	0.000	0.000
23:45:00	8.3	11.9	11.7	7.4	5.9	9.4	5.2	7.0	0.000	0.000	0.000	0.000



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