



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-01-04

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1790 Max : 14.14	2943 NE	3277 NNW	2996 S	2997 N	Min : 53.42 Max : 61.16	Min : 68.30 Max : 92.10	Min : 29.83 Max : 30.51

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	13.3	30.0	6.8	12.7	0.003	0.026
2996	12.6	26.1	6.3	13.3	0.000	0.002
2997	16.5	36.1	7.3	13.4	0.001	0.011
3277	17.5	32.1	11.4	23.4	0.002	0.013

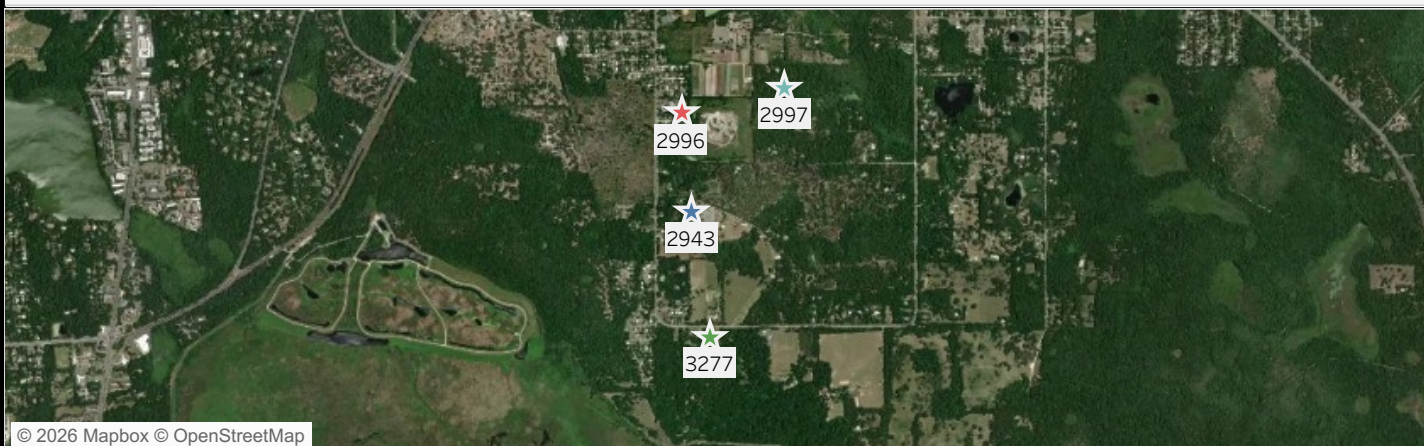
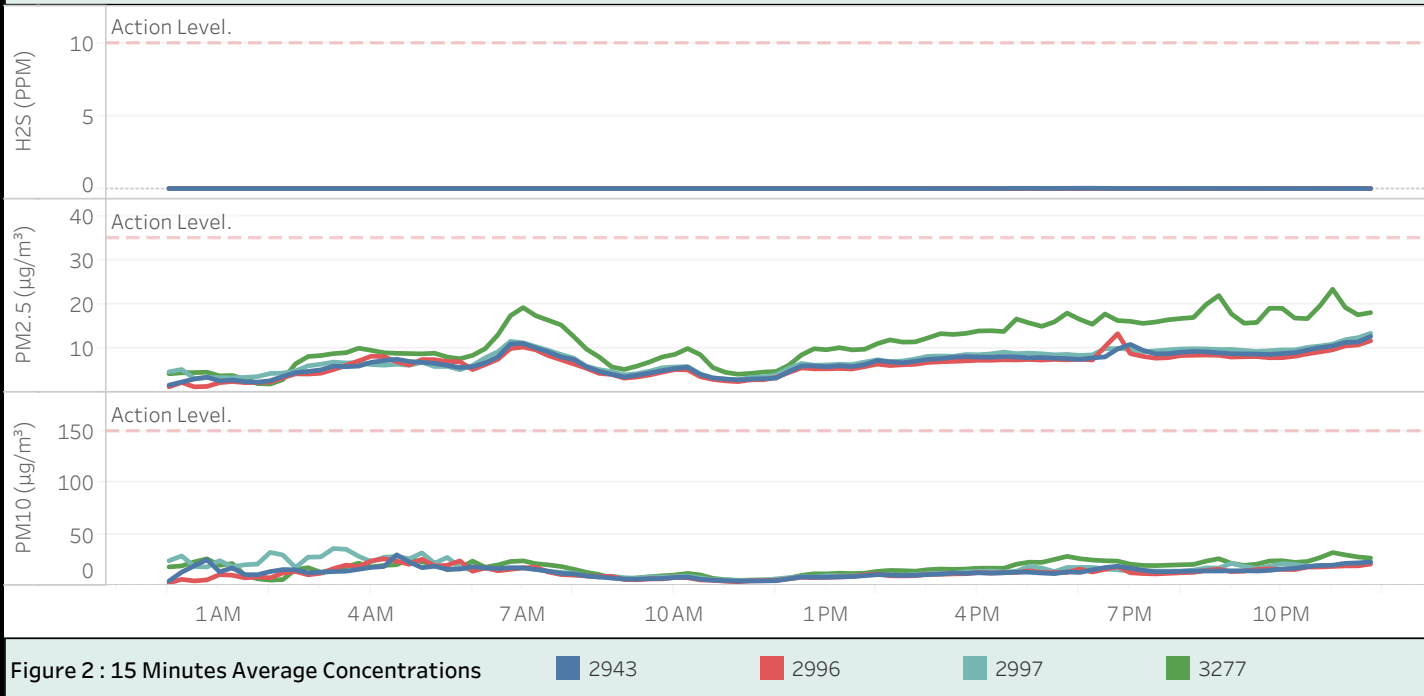


Figure 1 : Monitoring Locations





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Wind Rose Chart 2943

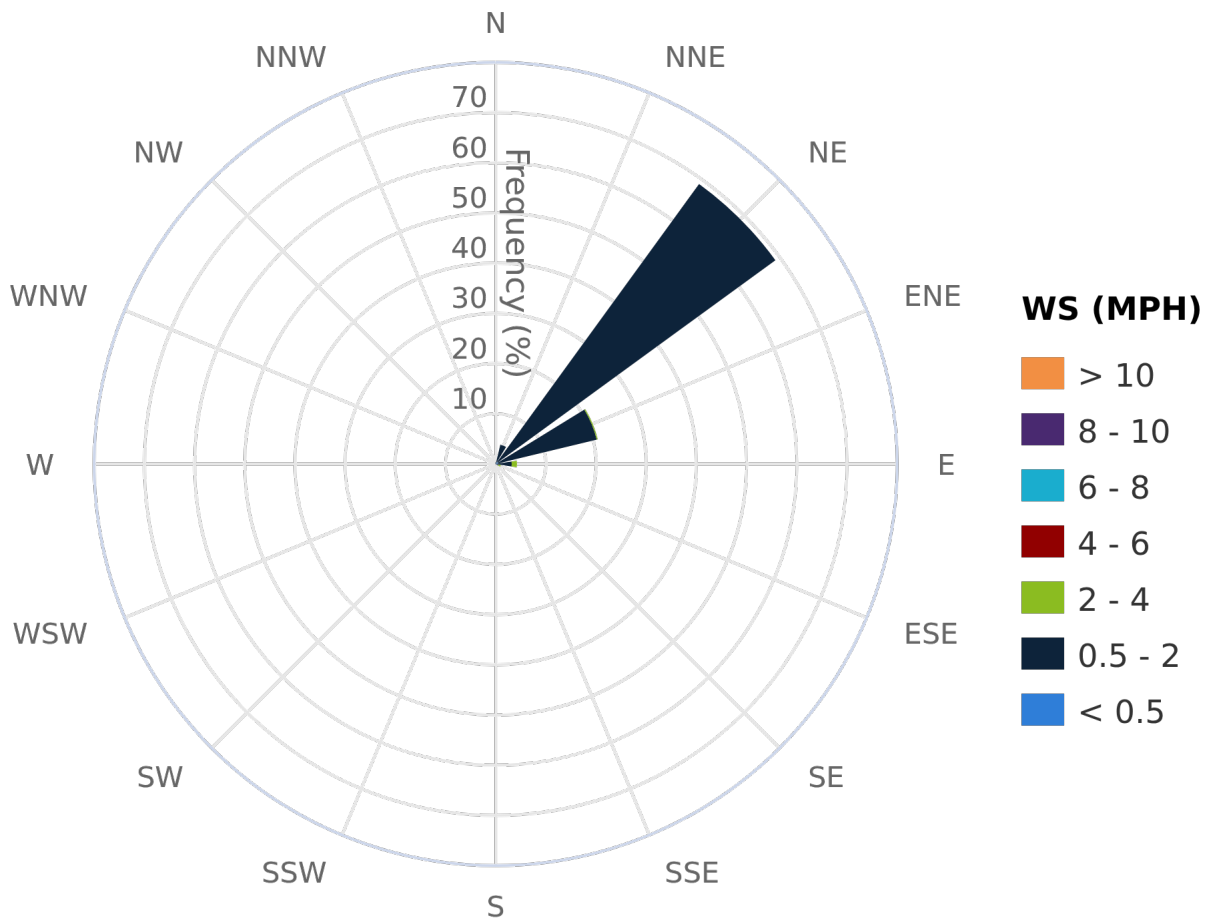


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

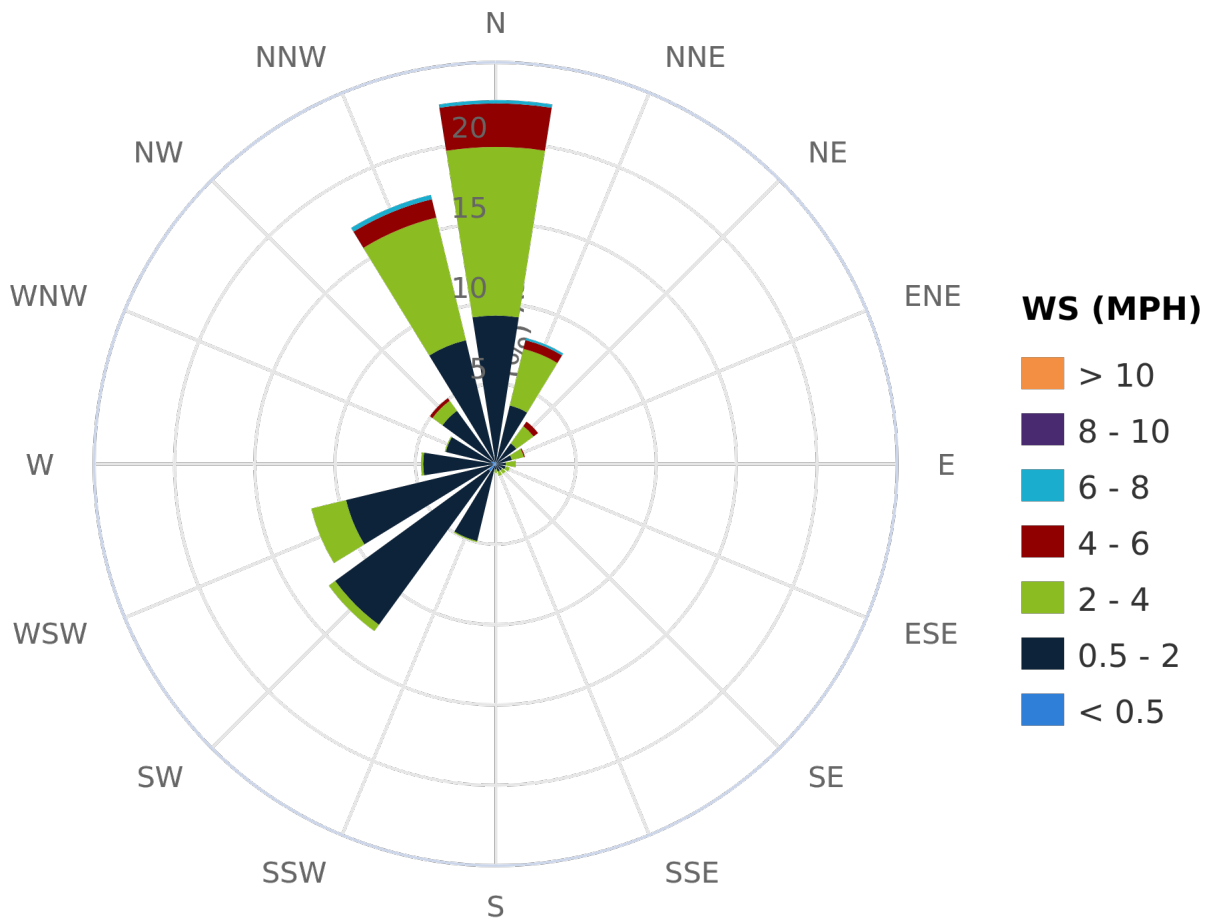


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

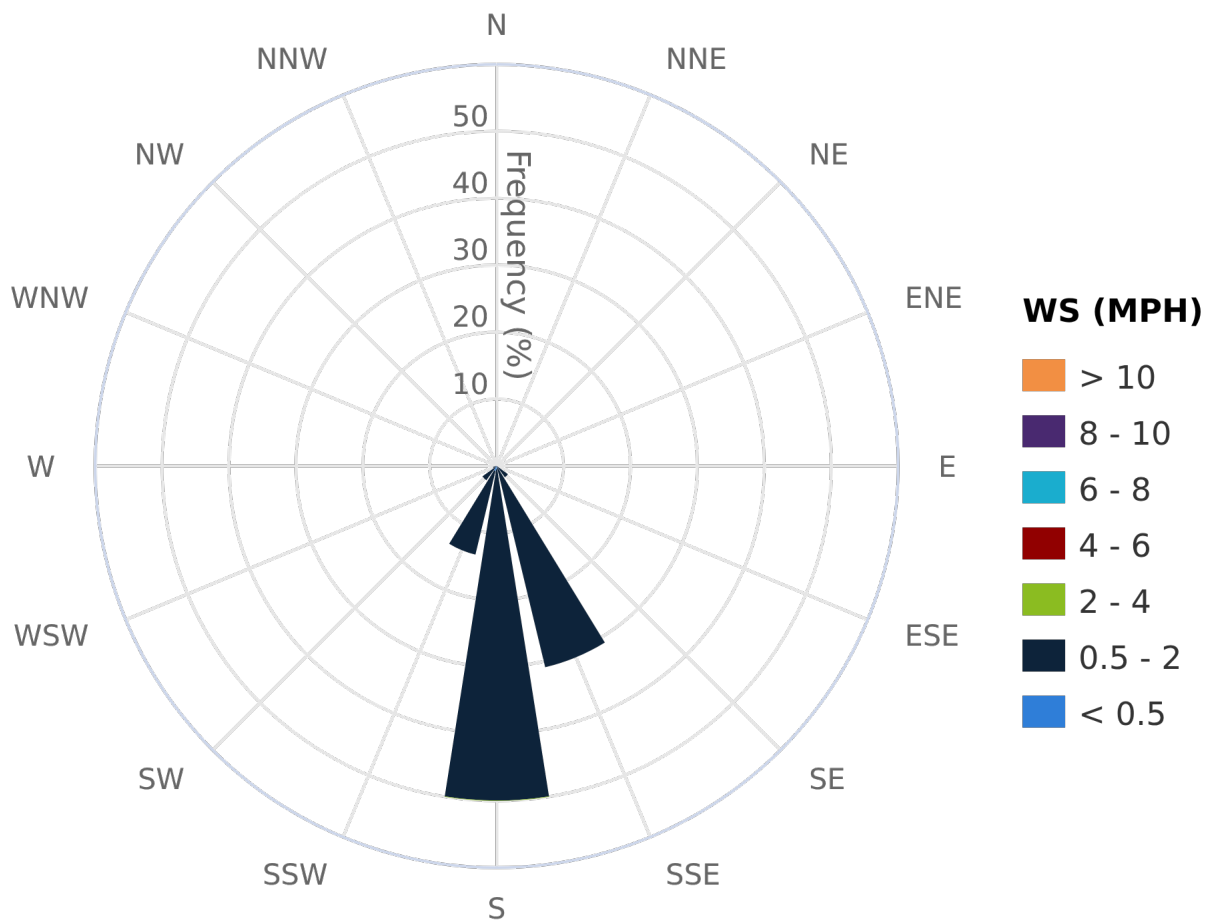


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

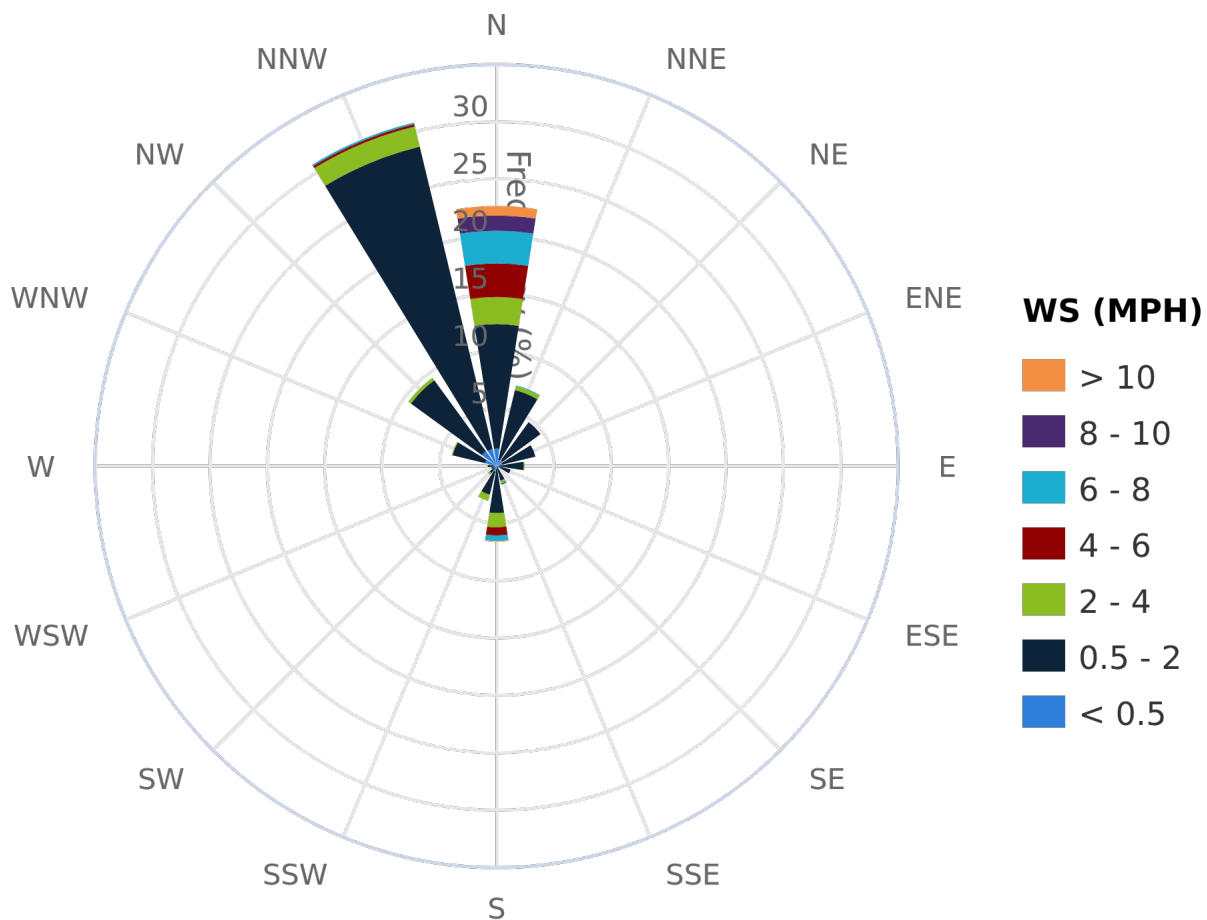


Figure 3 : Wind Rose Chart (WS in MPH)



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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	4.6	18.3	24.2	2.8	1.7	4.3	1.3	4.7	0.000	0.000	0.000	0.000
00:15:00	13.1	19.2	28.9	6.2	2.4	4.5	2.3	5.2	0.000	0.000	0.000	0.000
00:30:00	19.3	23.1	18.8	4.7	3.1	4.5	1.3	3.2	0.000	0.000	0.000	0.000
00:45:00	25.2	26.1	18.2	5.7	3.5	4.6	1.4	3.4	0.000	0.000	0.000	0.000
01:00:00	13.5	19.8	24.3	10.8	2.7	3.8	2.3	3.4	0.000	0.000	0.000	0.000
01:15:00	17.3	21.5	18.4	10.2	2.9	3.9	2.5	3.4	0.000	0.000	0.000	0.000
01:30:00	10.8	10.2	20.4	7.7	2.5	3.0	2.3	3.4	0.000	0.000	0.000	0.000
01:45:00	10.7	6.7	21.0	8.5	2.4	2.0	2.3	3.6	0.000	0.000	0.000	0.000
02:00:00	13.7	5.5	32.3	7.7	2.7	1.9	2.4	4.3	0.000	0.000	0.000	0.000
02:15:00	15.7	6.0	29.9	12.3	3.7	2.9	3.3	4.4	0.000	0.000	0.000	0.000
02:30:00	15.5	15.8	17.7	13.9	4.5	6.5	4.2	4.9	0.000	0.000	0.000	0.000
02:45:00	12.5	17.5	27.7	10.6	4.8	8.2	4.2	6.1	0.000	0.000	0.000	0.000
03:00:00	13.2	13.0	28.0	12.2	5.1	8.4	4.4	6.4	0.000	0.000	0.000	0.000
03:15:00	13.8	13.9	36.1	16.6	6.0	8.8	5.2	6.9	0.000	0.000	0.000	0.000
03:30:00	14.1	18.2	35.3	20.0	5.9	9.0	6.2	6.7	0.000	0.000	0.000	0.000
03:45:00	16.0	21.8	28.5	18.6	6.0	10.0	7.2	6.8	0.000	0.000	0.000	0.000
04:00:00	17.8	18.3	23.3	24.1	6.9	9.6	8.2	6.3	0.000	0.000	0.000	0.000
04:15:00	18.7	19.7	27.5	26.1	7.2	9.0	8.1	6.2	0.000	0.000	0.000	0.000
04:30:00	30.0	20.4	28.5	23.8	7.5	8.9	7.0	6.4	0.000	0.000	0.000	0.000
04:45:00	23.0	25.9	26.1	20.8	7.1	8.8	6.2	6.2	0.000	0.000	0.000	0.000
05:00:00	17.5	23.1	31.8	25.7	6.8	8.8	7.5	6.8	0.000	0.000	0.000	0.000
05:15:00	18.9	21.0	21.8	19.1	6.6	8.9	7.4	5.9	0.000	0.000	0.000	0.000
05:30:00	16.0	15.5	27.4	19.9	6.2	8.0	7.0	5.9	0.000	0.000	0.000	0.000
05:45:00	16.1	17.2	18.1	24.1	5.7	7.7	7.0	5.2	0.000	0.000	0.000	0.000
06:00:00	18.5	23.9	14.9	14.0	5.9	8.4	5.2	6.1	0.000	0.000	0.000	0.000
06:15:00	17.3	18.0	16.8	17.5	6.7	9.9	6.3	7.9	0.000	0.000	0.000	0.000
06:30:00	16.7	20.2	16.5	14.5	8.1	13.1	7.5	9.2	0.000	0.000	0.000	0.000
06:45:00	17.4	23.5	17.5	15.9	11.0	17.4	10.0	11.6	0.000	0.000	0.000	0.000
07:00:00	17.3	24.1	17.3	17.3	11.1	19.2	10.3	11.3	0.000	0.000	0.000	0.000
07:15:00	15.8	21.4	15.9	18.0	10.1	17.4	9.7	10.4	0.000	0.000	0.000	0.000
07:30:00	14.1	20.2	14.1	13.4	9.2	16.3	8.4	9.5	0.000	0.000	0.000	0.000
07:45:00	12.1	18.6	12.9	10.9	8.0	15.3	7.4	8.6	0.000	0.000	0.000	0.000
08:00:00	11.5	16.0	12.3	10.2	7.5	12.7	6.5	7.8	0.000	0.000	0.000	0.000
08:15:00	9.6	13.0	9.5	9.5	5.8	9.8	5.5	6.0	0.000	0.000	0.000	0.000
08:30:00	8.5	10.8	8.3	9.2	4.8	8.1	4.4	5.2	0.000	0.000	0.000	0.000
08:45:00	7.4	7.8	9.2	9.1	4.1	5.8	4.1	4.7	0.000	0.000	0.000	0.000
09:00:00	6.5	6.9	7.8	6.1	3.5	5.2	3.3	4.0	0.000	0.000	0.000	0.000
09:15:00	6.4	7.6	7.0	5.8	3.9	6.0	3.5	4.3	0.000	0.000	0.000	0.000
09:30:00	6.8	8.7	8.7	6.7	4.4	6.9	4.0	4.9	0.000	0.000	0.000	0.000
09:45:00	7.0	9.6	8.3	6.7	5.0	8.1	4.6	5.6	0.000	0.000	0.000	0.000
10:00:00	8.0	10.4	8.9	8.0	5.5	8.6	5.2	5.8	0.000	0.000	0.000	0.000
10:15:00	8.5	12.0	9.4	7.8	5.7	10.0	5.1	5.9	0.000	0.000	0.000	0.000
10:30:00	6.3	10.5	7.6	5.7	4.1	8.6	3.6	4.2	0.000	0.000	0.000	0.000
10:45:00	5.4	7.2	5.9	5.3	3.3	5.6	3.0	3.3	0.000	0.000	0.000	0.000
11:00:00	4.9	5.9	5.8	4.4	3.1	4.6	2.7	3.0	0.000	0.000	0.000	0.000
11:15:00	4.5	5.3	5.0	3.9	2.9	4.2	2.5	2.9	0.000	0.000	0.000	0.000
11:30:00	4.7	5.4	5.5	4.7	3.1	4.4	2.9	3.4	0.000	0.000	0.000	0.000
11:45:00	4.7	5.7	5.4	4.9	3.1	4.7	2.9	3.6	0.000	0.000	0.000	0.000



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12:00:00	4.9	5.9	6.7	5.3	3.3	4.8	3.4	4.0	0.000	0.000	0.000	0.000
12:15:00	6.7	7.4	7.8	6.7	4.8	6.2	4.6	5.5	0.000	0.002	0.000	0.000
12:30:00	8.5	10.1	9.0	8.2	6.0	8.5	5.6	6.6	0.001	0.000	0.000	0.000
12:45:00	8.3	11.6	8.5	7.9	6.0	9.9	5.4	6.2	0.002	0.001	0.000	0.000
13:00:00	8.3	11.5	9.7	8.2	5.9	9.7	5.4	6.3	0.001	0.000	0.000	0.000
13:15:00	8.6	12.2	9.7	8.5	6.1	10.2	5.5	6.4	0.001	0.000	0.000	0.000
13:30:00	8.9	11.8	9.5	9.0	5.9	9.7	5.3	6.3	0.000	0.000	0.000	0.000
13:45:00	9.8	12.2	10.2	10.5	6.3	9.8	5.9	6.9	0.002	0.001	0.000	0.000
14:00:00	10.9	14.0	10.8	11.4	7.3	11.1	6.4	7.4	0.005	0.006	0.000	0.000
14:15:00	10.4	14.8	10.5	9.7	7.0	11.9	6.1	7.0	0.007	0.007	0.000	0.000
14:30:00	10.0	14.6	10.3	9.5	6.8	11.4	6.3	7.2	0.006	0.001	0.000	0.000
14:45:00	10.2	14.1	10.9	9.8	7.1	11.5	6.4	7.6	0.007	0.002	0.000	0.000
15:00:00	10.9	15.6	11.8	11.1	7.5	12.4	6.8	8.2	0.003	0.005	0.000	0.000
15:15:00	11.3	16.2	12.2	11.2	7.7	13.3	7.0	8.3	0.003	0.004	0.000	0.000
15:30:00	12.3	15.9	12.1	11.5	8.0	13.1	7.1	8.2	0.003	0.004	0.000	0.000
15:45:00	12.0	16.2	13.6	11.7	8.1	13.4	7.2	8.6	0.001	0.006	0.000	0.000
16:00:00	12.6	17.0	13.9	12.8	8.0	13.9	7.3	8.6	0.002	0.010	0.000	0.001
16:15:00	12.2	17.1	14.3	12.3	8.0	14.0	7.3	8.8	0.003	0.008	0.000	0.000
16:30:00	12.5	16.9	13.4	12.7	8.1	13.8	7.4	9.2	0.011	0.008	0.000	0.001
16:45:00	13.2	20.9	14.1	12.9	8.1	16.6	7.4	8.8	0.018	0.009	0.000	0.002
17:00:00	13.1	22.8	18.9	14.5	7.9	15.7	7.5	8.9	0.019	0.006	0.000	0.004
17:15:00	12.4	22.6	17.1	12.9	7.9	15.0	7.4	8.8	0.015	0.006	0.000	0.003
17:30:00	11.8	25.5	13.8	12.8	7.8	16.0	7.5	8.5	0.012	0.007	0.000	0.003
17:45:00	13.5	28.5	17.7	12.9	7.7	18.0	7.4	8.6	0.020	0.010	0.001	0.007
18:00:00	12.9	26.2	17.7	16.1	7.5	16.6	7.5	8.4	0.026	0.013	0.002	0.011
18:15:00	15.4	24.9	17.8	13.3	7.8	15.5	7.4	8.5	0.025	0.010	0.002	0.011
18:30:00	17.6	24.2	16.4	15.9	8.1	17.8	10.4	9.9	0.018	0.009	0.000	0.009
18:45:00	18.9	23.9	15.4	18.6	9.9	16.3	13.3	10.0	0.010	0.005	0.000	0.006
19:00:00	17.0	20.9	14.4	12.6	10.9	16.1	8.8	9.8	0.005	0.010	0.000	0.002
19:15:00	15.0	19.7	14.4	11.8	9.6	15.6	8.2	9.2	0.004	0.010	0.000	0.003
19:30:00	13.6	19.5	14.3	11.5	8.8	16.0	7.8	9.4	0.006	0.008	0.000	0.004
19:45:00	13.7	19.9	14.1	12.0	8.8	16.5	7.9	9.7	0.008	0.007	0.000	0.004
20:00:00	14.0	20.3	14.3	12.6	9.1	16.8	8.4	9.9	0.008	0.008	0.000	0.002
20:15:00	14.2	20.7	15.1	13.0	9.3	17.0	8.4	9.9	0.010	0.007	0.000	0.003
20:30:00	14.3	23.9	17.4	14.9	9.2	19.9	8.5	9.9	0.009	0.005	0.000	0.002
20:45:00	14.3	26.2	17.1	16.0	9.0	21.9	8.4	9.7	0.008	0.006	0.000	0.002
21:00:00	14.5	21.7	21.8	13.7	8.8	17.8	8.0	9.8	0.008	0.004	0.000	0.001
21:15:00	14.5	19.8	18.8	14.2	8.7	15.7	8.1	9.5	0.007	0.008	0.000	0.001
21:30:00	14.3	20.9	16.7	15.7	8.7	15.9	8.2	9.3	0.009	0.004	0.000	0.003
21:45:00	14.9	24.0	19.0	16.3	8.6	19.1	7.9	9.5	0.006	0.005	0.000	0.002
22:00:00	16.3	24.3	21.5	15.8	8.8	19.1	7.9	9.7	0.001	0.006	0.000	0.003
22:15:00	17.0	22.6	20.6	15.7	9.0	16.9	8.2	9.6	0.004	0.004	0.000	0.002
22:30:00	18.5	23.5	18.9	18.1	9.6	16.7	8.8	10.2	0.005	0.001	0.000	0.004
22:45:00	19.7	27.3	19.3	18.2	10.2	19.6	9.2	10.5	0.003	0.002	0.000	0.005
23:00:00	19.9	32.1	19.3	18.7	10.5	23.4	9.7	10.9	0.004	0.000	0.000	0.003
23:15:00	21.7	29.9	21.0	19.3	11.4	19.2	10.6	12.0	0.001	0.000	0.000	0.002
23:30:00	22.2	27.9	21.5	19.3	11.4	17.6	10.8	12.4	0.000	0.001	0.000	0.003
23:45:00	23.0	26.8	23.0	21.0	12.7	18.1	11.7	13.4	0.000	0.000	0.000	0.003



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