



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-27

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.18 to 19.71	2943 SSE	3061 S	2996 SSW	2997 NNW	Min : 71.60 Max : 102.4	Min : 49.60 Max : 94.00	Min : 27.39 Max : 54.85

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	32.0	92.9	16.4	24.7	0.001	0.018
2996	28.8	37.2	17.0	27.5	0.000	0.009
2997	34.4	59.2	18.6	24.1	0.004	0.029
3061	28.9	43.2	15.8	22.2	0.000	0.001

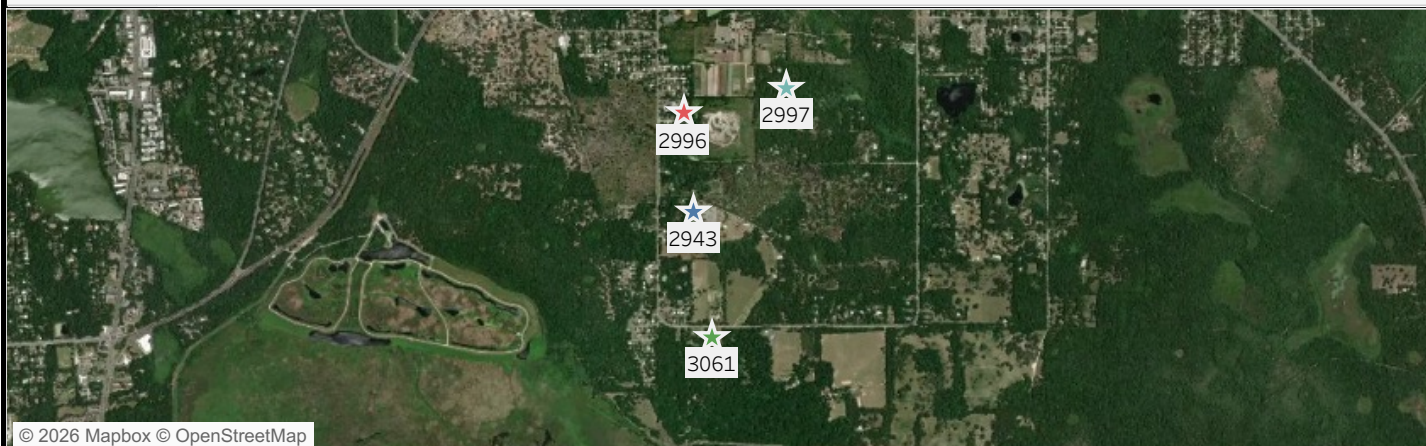
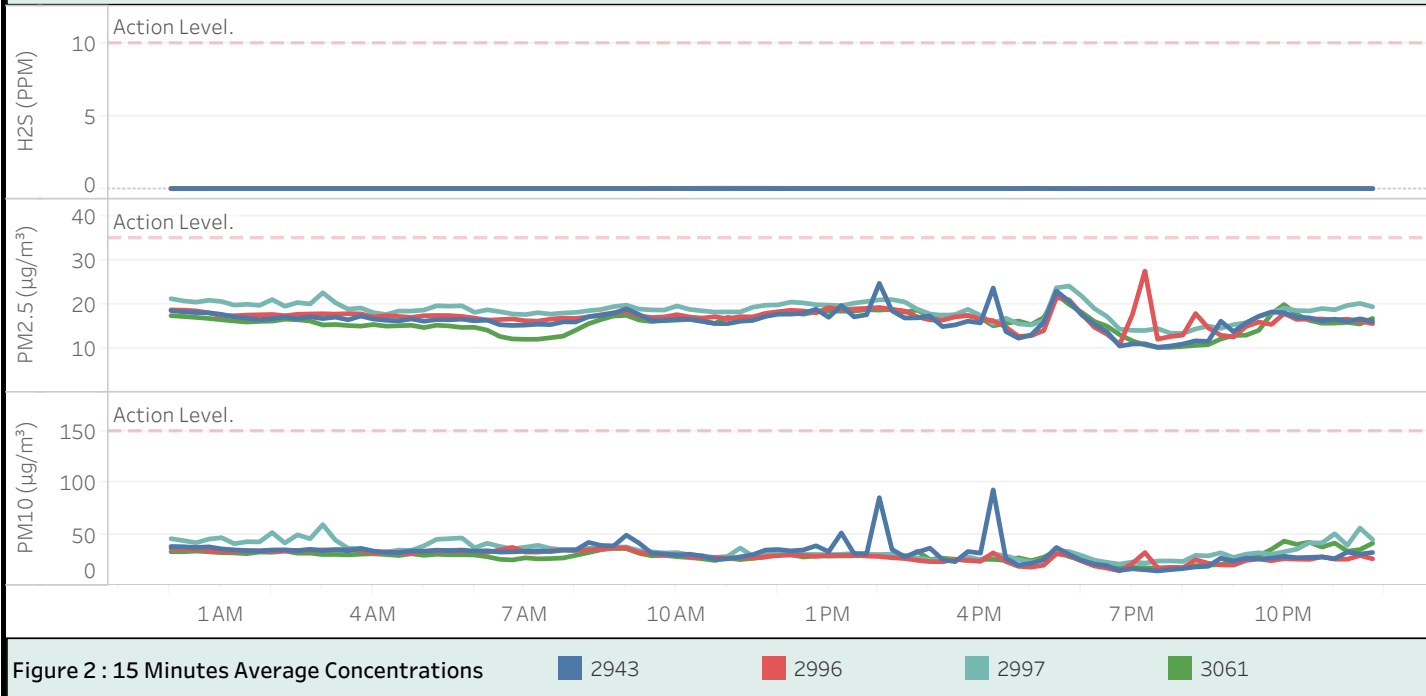


Figure 1 : Monitoring Locations





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Wind Rose Chart 2943

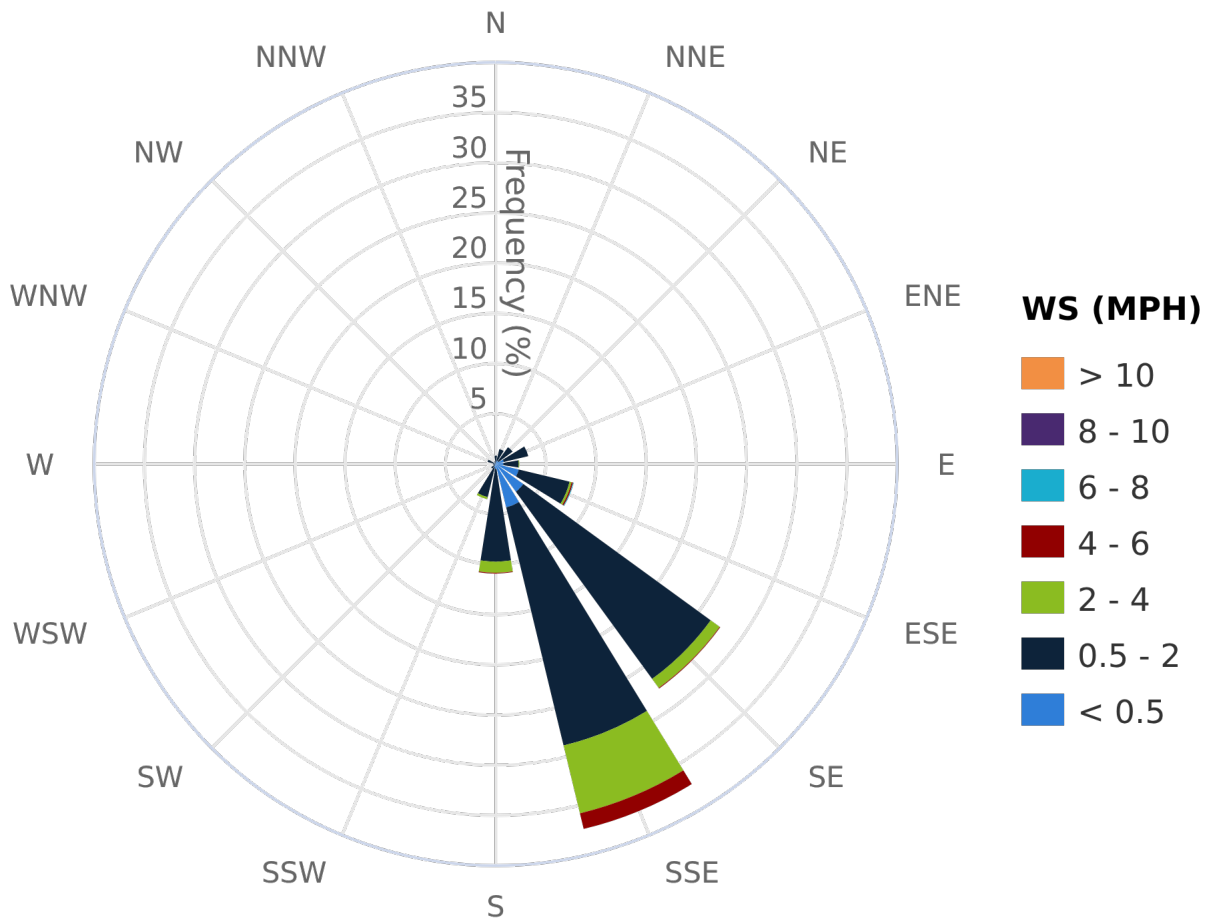


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

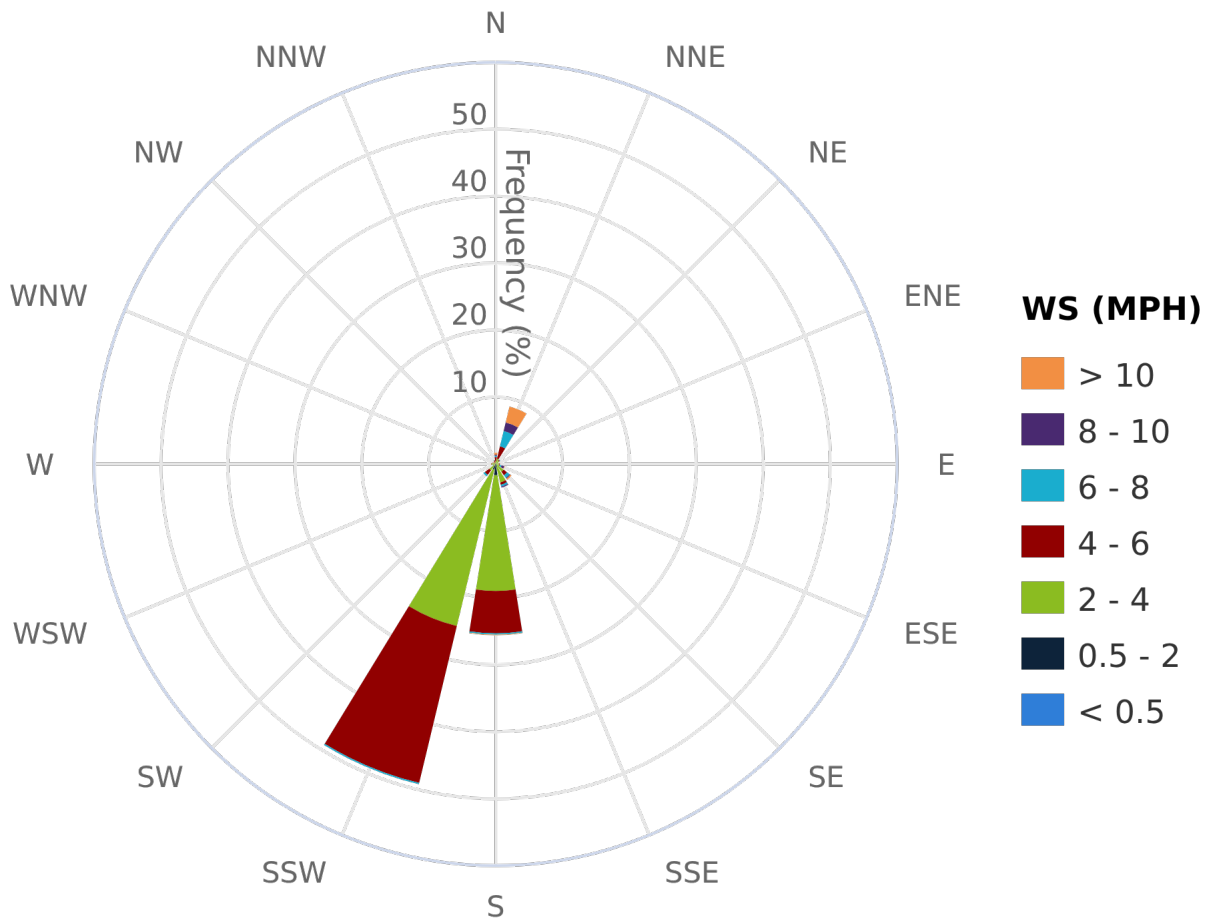


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

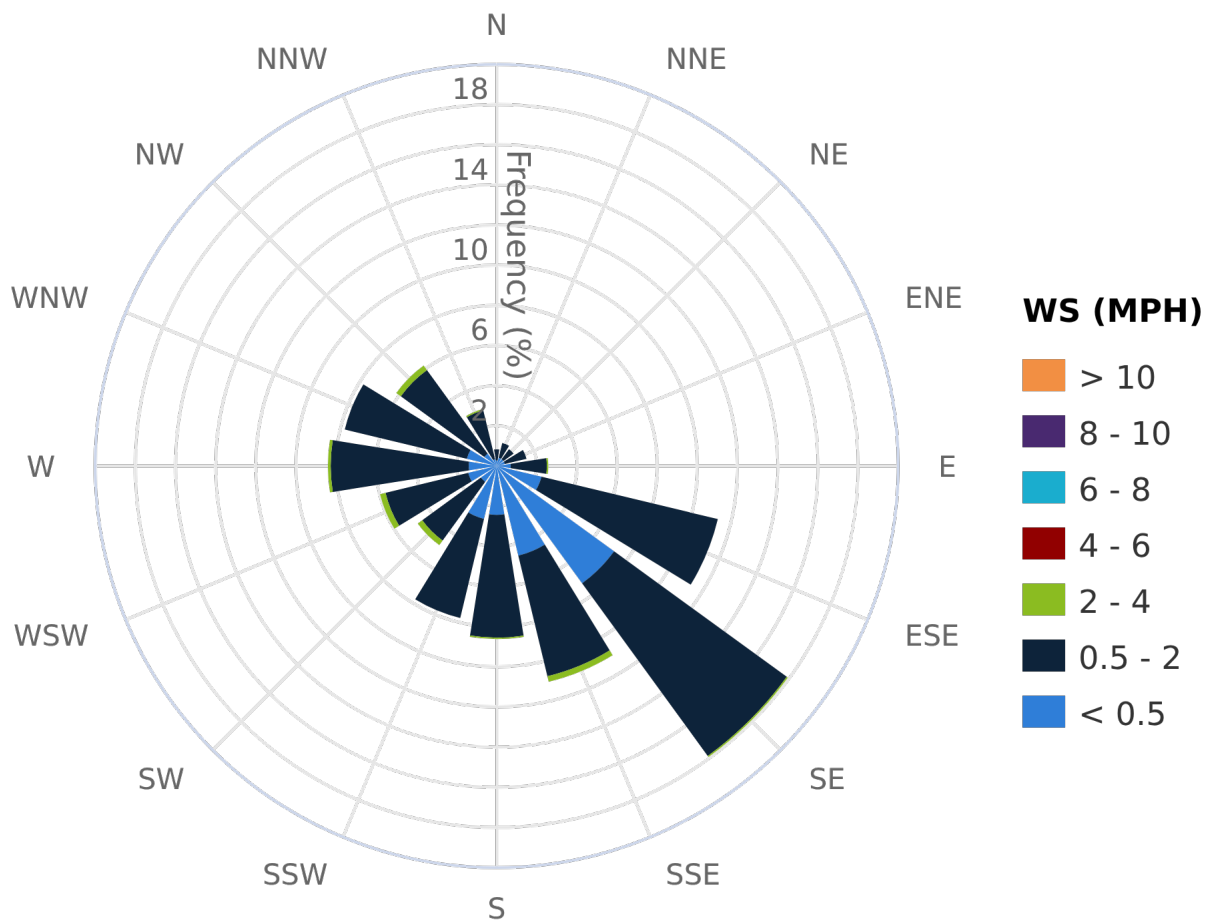


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

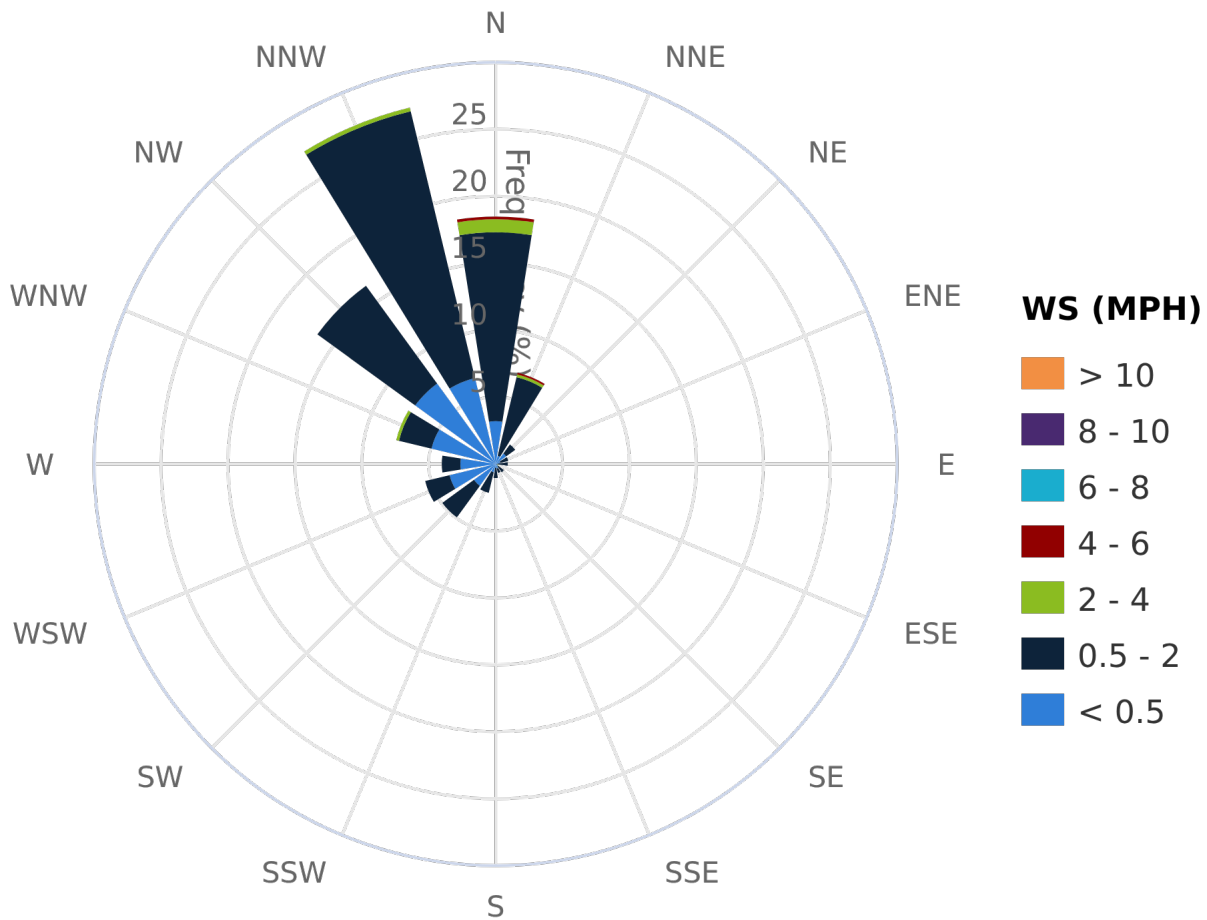


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	38.1	32.9	45.6	36.1	18.5	17.4	18.7	21.2	0.003	0.000	0.009	0.000
00:15:00	37.8	33.0	43.7	36.0	18.3	17.2	18.6	20.7	0.000	0.000	0.002	0.000
00:30:00	37.1	33.6	41.7	36.0	18.1	17.0	18.5	20.4	0.000	0.000	0.000	0.000
00:45:00	37.7	32.8	45.2	34.0	18.0	16.8	18.0	20.9	0.000	0.000	0.000	0.000
01:00:00	35.7	32.1	46.5	33.0	17.7	16.5	17.4	20.6	0.000	0.000	0.000	0.000
01:15:00	34.7	31.8	40.7	32.8	17.1	16.2	17.4	19.8	0.000	0.000	0.000	0.000
01:30:00	34.1	31.1	42.6	33.9	16.8	16.0	17.5	20.0	0.000	0.000	0.000	0.000
01:45:00	33.7	32.7	42.5	33.8	16.5	16.1	17.6	19.7	0.000	0.000	0.000	0.000
02:00:00	34.7	32.4	51.5	34.3	16.7	16.2	17.7	21.0	0.000	0.000	0.000	0.000
02:15:00	34.8	33.6	41.4	33.8	17.1	16.6	17.4	19.5	0.000	0.000	0.000	0.000
02:30:00	34.0	31.6	49.4	34.3	16.7	16.5	17.7	20.4	0.000	0.000	0.000	0.000
02:45:00	35.4	31.6	45.5	34.6	17.1	16.2	17.8	20.0	0.000	0.000	0.000	0.000
03:00:00	33.9	30.3	59.2	34.7	16.7	15.3	17.8	22.6	0.000	0.000	0.000	0.000
03:15:00	35.0	30.3	44.1	34.8	17.1	15.4	17.7	20.3	0.000	0.000	0.000	0.000
03:30:00	33.9	30.0	36.3	35.2	16.4	15.2	17.9	18.9	0.000	0.000	0.000	0.000
03:45:00	36.2	30.6	36.0	34.6	17.3	15.0	17.8	19.1	0.000	0.000	0.000	0.000
04:00:00	33.6	31.0	33.2	31.9	16.6	15.4	17.1	18.1	0.000	0.000	0.000	0.000
04:15:00	32.3	30.3	32.4	33.0	16.4	15.0	17.4	17.6	0.000	0.000	0.000	0.000
04:30:00	32.2	29.3	34.5	32.3	16.2	15.1	17.2	18.4	0.000	0.000	0.000	0.000
04:45:00	33.7	31.0	34.2	31.9	16.7	15.2	17.0	18.4	0.000	0.000	0.000	0.000
05:00:00	33.4	29.5	38.7	33.4	16.1	14.7	17.4	18.7	0.000	0.000	0.000	0.000
05:15:00	34.5	30.5	45.0	33.9	16.5	15.2	17.4	19.6	0.000	0.000	0.000	0.000
05:30:00	34.1	30.0	45.6	34.0	16.5	15.1	17.4	19.5	0.000	0.000	0.000	0.000
05:45:00	34.6	30.1	46.3	33.4	16.6	14.7	17.2	19.6	0.000	0.000	0.000	0.000
06:00:00	33.6	29.8	36.8	33.2	16.2	14.8	16.8	18.1	0.000	0.000	0.000	0.000
06:15:00	33.9	28.1	41.1	32.4	16.4	14.1	16.4	18.7	0.000	0.000	0.000	0.000
06:30:00	32.6	25.6	38.1	34.7	15.3	12.7	16.5	18.3	0.000	0.000	0.000	0.000
06:45:00	32.9	25.0	35.9	37.2	15.2	12.1	16.7	17.8	0.000	0.000	0.000	0.000
07:00:00	33.3	27.0	37.3	32.7	15.3	12.1	16.2	17.6	0.000	0.000	0.000	0.000
07:15:00	33.9	26.1	39.2	32.6	15.5	12.1	16.2	18.1	0.000	0.000	0.000	0.000
07:30:00	33.1	26.4	36.2	33.8	15.4	12.4	16.6	17.7	0.000	0.000	0.000	0.000
07:45:00	34.6	26.9	35.0	34.6	16.0	12.8	16.8	18.0	0.000	0.000	0.000	0.000
08:00:00	34.5	29.5	35.2	34.2	16.0	14.1	16.8	18.1	0.000	0.000	0.000	0.000
08:15:00	42.0	32.1	36.3	34.8	17.2	15.6	17.1	18.5	0.000	0.000	0.000	0.000
08:30:00	39.1	34.8	36.0	35.9	17.5	16.5	17.6	18.8	0.000	0.000	0.000	0.000
08:45:00	38.6	36.3	37.4	36.4	18.0	17.3	18.1	19.4	0.000	0.000	0.000	0.000
09:00:00	49.0	35.9	37.6	36.7	18.9	17.5	18.4	19.8	0.000	0.000	0.000	0.000
09:15:00	41.4	31.6	34.1	32.1	17.6	16.4	17.3	18.9	0.002	0.001	0.000	0.000
09:30:00	31.6	29.0	32.9	31.1	16.3	16.1	17.0	18.7	0.006	0.001	0.000	0.004
09:45:00	30.9	29.4	31.8	29.8	16.3	16.3	17.1	18.7	0.009	0.000	0.000	0.008
10:00:00	29.7	28.2	32.1	29.9	16.6	16.4	17.6	19.6	0.011	0.000	0.000	0.013
10:15:00	30.6	27.3	30.0	28.0	16.6	16.5	17.1	18.8	0.001	0.000	0.000	0.020
10:30:00	28.7	26.2	29.1	27.4	16.2	16.1	16.8	18.5	0.000	0.000	0.000	0.024
10:45:00	25.8	24.5	27.3	27.5	15.6	15.7	17.2	18.2	0.000	0.000	0.000	0.027
11:00:00	26.1	26.8	28.4	26.7	15.6	17.0	16.7	18.3	0.000	0.000	0.000	0.029
11:15:00	28.0	25.3	36.5	27.2	16.1	16.5	17.2	18.2	0.000	0.000	0.000	0.026
11:30:00	30.1	26.6	28.8	26.7	16.3	17.1	17.1	19.3	0.000	0.000	0.000	0.024
11:45:00	34.6	27.8	31.1	28.3	17.2	17.3	17.9	19.8	0.000	0.000	0.000	0.023



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12:00:00	35.1	30.4	30.2	29.2	17.7	18.1	18.3	19.8	0.000	0.000	0.000	0.022
12:15:00	33.8	30.1	32.4	29.8	17.7	18.1	18.6	20.5	0.000	0.000	0.000	0.019
12:30:00	34.7	27.8	30.3	29.5	17.9	17.7	18.5	20.3	0.000	0.000	0.000	0.016
12:45:00	38.7	28.9	30.4	28.5	18.9	18.3	18.0	19.9	0.000	0.000	0.000	0.013
13:00:00	33.0	28.7	30.0	29.6	17.0	18.4	19.2	19.8	0.000	0.000	0.000	0.011
13:15:00	51.2	28.9	30.5	29.4	19.7	18.4	18.7	19.7	0.000	0.000	0.000	0.014
13:30:00	31.1	29.0	31.2	29.8	17.1	18.4	18.9	20.2	0.000	0.000	0.000	0.011
13:45:00	31.1	29.3	30.4	28.8	17.6	18.7	19.1	20.6	0.000	0.000	0.000	0.008
14:00:00	85.3	29.1	30.3	28.4	24.7	18.7	19.2	21.0	0.000	0.000	0.000	0.011
14:15:00	35.2	28.2	30.7	27.1	18.5	18.8	18.8	21.0	0.000	0.000	0.000	0.009
14:30:00	28.0	26.7	29.5	26.5	16.9	18.2	18.5	20.5	0.000	0.000	0.000	0.004
14:45:00	32.5	33.4	26.9	24.7	16.9	18.7	17.1	18.9	0.000	0.000	0.000	0.002
15:00:00	36.4	25.5	25.2	23.4	17.3	17.1	16.4	17.8	0.000	0.000	0.000	0.000
15:15:00	25.4	26.7	24.9	23.2	14.9	17.5	16.4	17.5	0.000	0.000	0.000	0.000
15:30:00	23.3	25.7	25.2	25.6	15.3	17.3	17.1	17.6	0.000	0.000	0.000	0.000
15:45:00	33.2	24.5	27.9	24.6	16.1	17.4	17.4	18.8	0.000	0.000	0.000	0.000
16:00:00	31.6	25.5	25.2	23.6	15.8	16.9	16.6	17.5	0.000	0.000	0.000	0.000
16:15:00	92.9	25.6	30.9	31.9	23.6	15.1	16.3	15.6	0.000	0.000	0.000	0.000
16:30:00	26.5	24.5	29.0	23.5	13.8	15.6	14.8	16.8	0.000	0.000	0.000	0.001
16:45:00	19.9	27.1	25.3	18.8	12.3	16.2	12.7	15.5	0.002	0.000	0.000	0.009
17:00:00	21.7	24.3	23.0	18.1	13.0	15.4	12.9	15.3	0.018	0.000	0.002	0.000
17:15:00	25.3	27.7	25.2	19.9	15.9	17.0	14.0	16.2	0.002	0.000	0.003	0.000
17:30:00	37.1	33.7	34.2	31.1	23.0	22.2	21.5	23.7	0.000	0.000	0.000	0.000
17:45:00	30.3	28.3	33.1	29.2	20.7	19.9	21.0	24.1	0.000	0.000	0.000	0.000
18:00:00	24.6	24.9	29.3	23.9	17.6	18.2	17.8	21.8	0.000	0.000	0.001	0.000
18:15:00	21.1	22.5	24.8	19.2	15.5	16.1	14.8	19.0	0.000	0.000	0.005	0.000
18:30:00	19.4	20.9	22.7	17.1	13.8	15.0	13.2	17.2	0.000	0.000	0.005	0.000
18:45:00	14.9	18.1	21.0	14.4	10.5	13.1	10.9	14.4	0.000	0.000	0.004	0.000
19:00:00	16.5	17.7	23.0	21.6	11.0	11.7	17.6	14.1	0.000	0.000	0.002	0.000
19:15:00	15.5	17.4	22.0	32.2	11.0	10.8	27.5	14.0	0.000	0.000	0.000	0.000
19:30:00	14.4	16.8	23.9	17.4	10.3	10.2	12.1	14.5	0.000	0.000	0.000	0.000
19:45:00	15.6	17.9	24.1	16.9	10.5	10.2	12.7	13.5	0.000	0.000	0.000	0.000
20:00:00	16.7	17.7	23.5	17.4	11.0	10.5	13.0	13.4	0.000	0.000	0.000	0.000
20:15:00	18.3	19.6	29.4	25.2	11.7	10.7	17.9	14.4	0.000	0.000	0.000	0.000
20:30:00	18.9	19.9	28.9	21.8	11.6	10.9	14.6	15.0	0.000	0.000	0.000	0.000
20:45:00	26.8	20.6	31.9	20.3	16.2	12.1	13.0	14.5	0.000	0.000	0.000	0.000
21:00:00	23.9	24.2	27.4	20.0	13.8	12.9	12.6	15.4	0.000	0.000	0.000	0.000
21:15:00	26.7	25.9	30.6	24.5	15.8	13.0	15.0	15.8	0.000	0.000	0.000	0.000
21:30:00	26.0	29.2	32.0	25.9	17.3	14.1	15.9	17.2	0.000	0.000	0.000	0.000
21:45:00	26.7	35.3	30.5	24.3	18.2	17.8	15.4	18.1	0.000	0.000	0.000	0.000
22:00:00	28.5	43.2	32.9	26.3	18.0	19.9	17.9	19.1	0.000	0.000	0.000	0.000
22:15:00	27.2	40.1	35.4	25.8	17.0	17.7	16.6	18.5	0.000	0.000	0.000	0.000
22:30:00	27.5	42.2	41.7	25.5	16.9	16.3	16.6	18.5	0.000	0.000	0.000	0.000
22:45:00	27.9	37.4	41.4	28.0	16.3	15.7	16.6	19.0	0.000	0.000	0.000	0.000
23:00:00	26.3	41.4	50.4	25.8	16.6	15.7	16.5	18.7	0.000	0.000	0.000	0.000
23:15:00	32.6	33.5	39.1	25.7	16.1	15.9	16.6	19.7	0.000	0.000	0.000	0.000
23:30:00	30.6	35.0	55.9	29.3	16.7	15.5	16.2	20.2	0.000	0.000	0.000	0.000
23:45:00	32.2	41.2	44.7	26.1	16.1	16.8	15.6	19.4	0.000	0.000	0.000	0.000



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