



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-24

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.201 to 7.225	2943 SSE	3061 SSW	2996 E	2997 N	Min : 74.30 Max : 108.3	Min : 38.50 Max : 87.90	Min : 26.65 Max : 33.78

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	15.5	23.8	6.8	9.3	0.023	0.158
2996	15.7	61.1	7.0	15.3	0.021	0.161
2997	20.1	42.9	7.3	10.7	0.005	0.031
3061	14.2	21.2	6.2	8.3	0.002	0.014

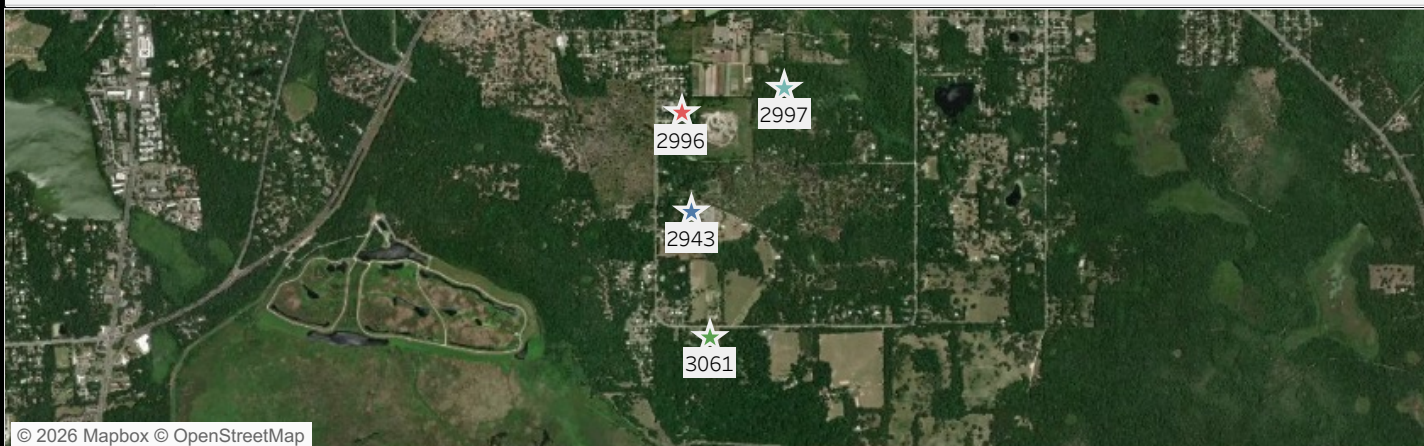


Figure 1 : Monitoring Locations

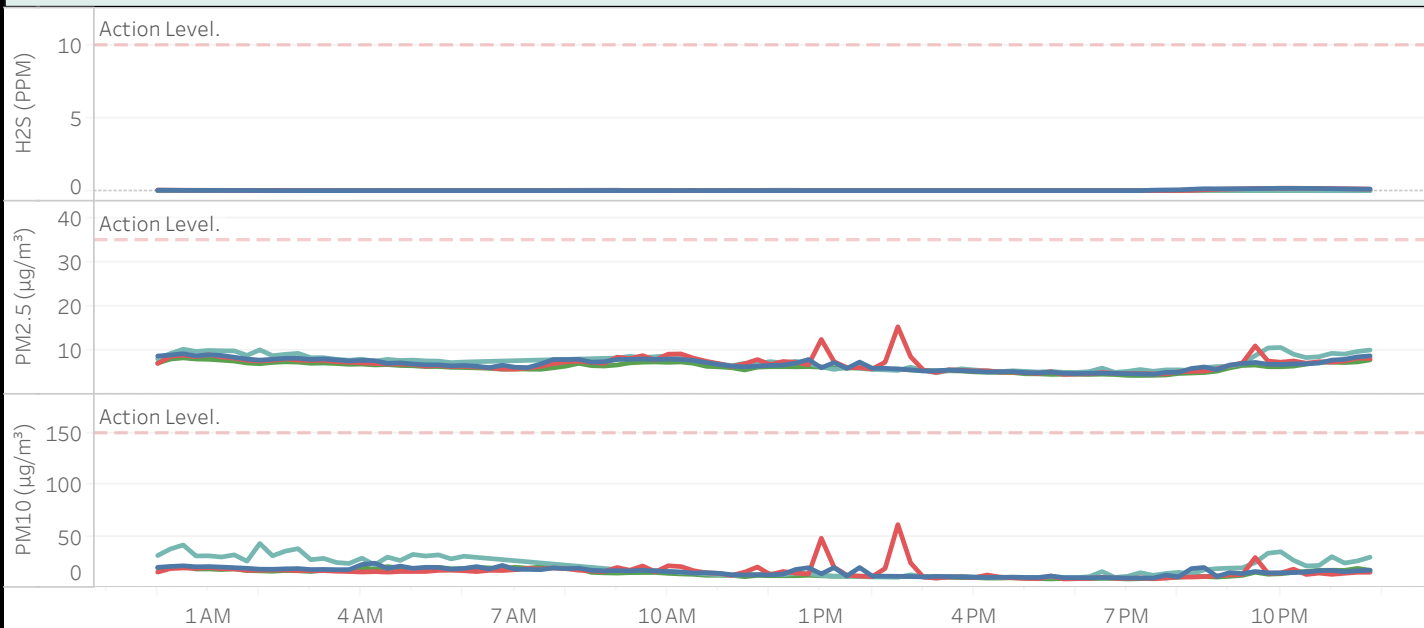


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3061



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Wind Rose Chart 2943

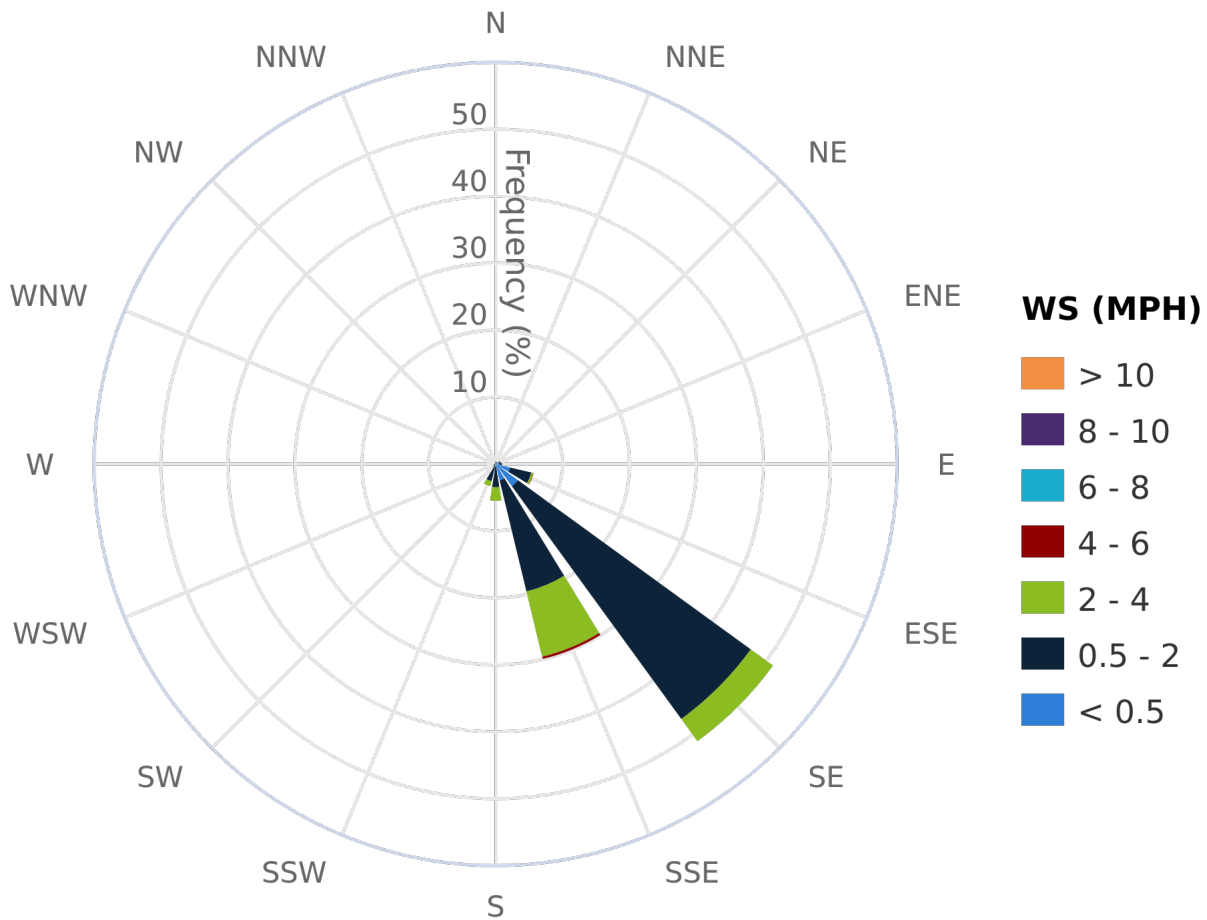


Figure 3 : Wind Rose Chart (WS in MPH)

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Wind Rose Chart 2996

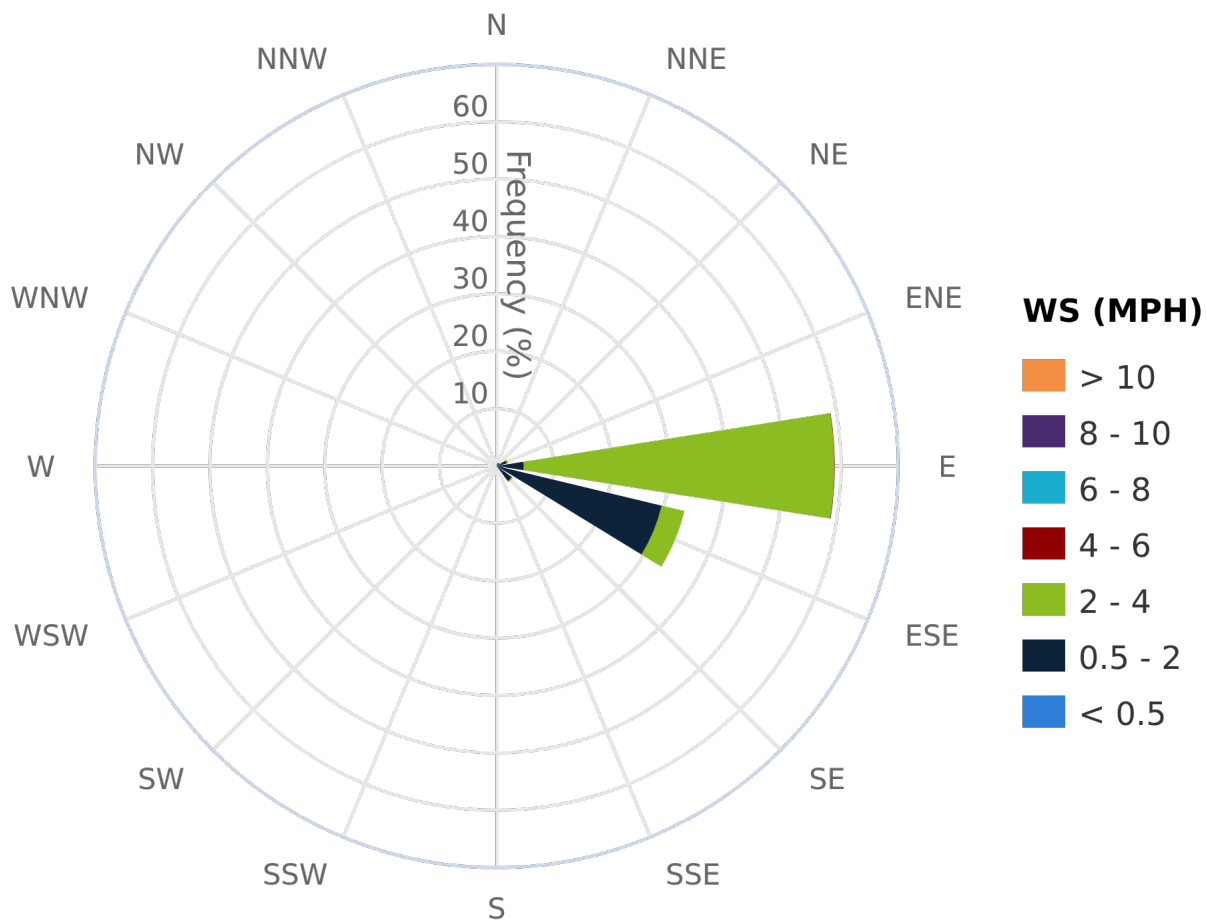


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

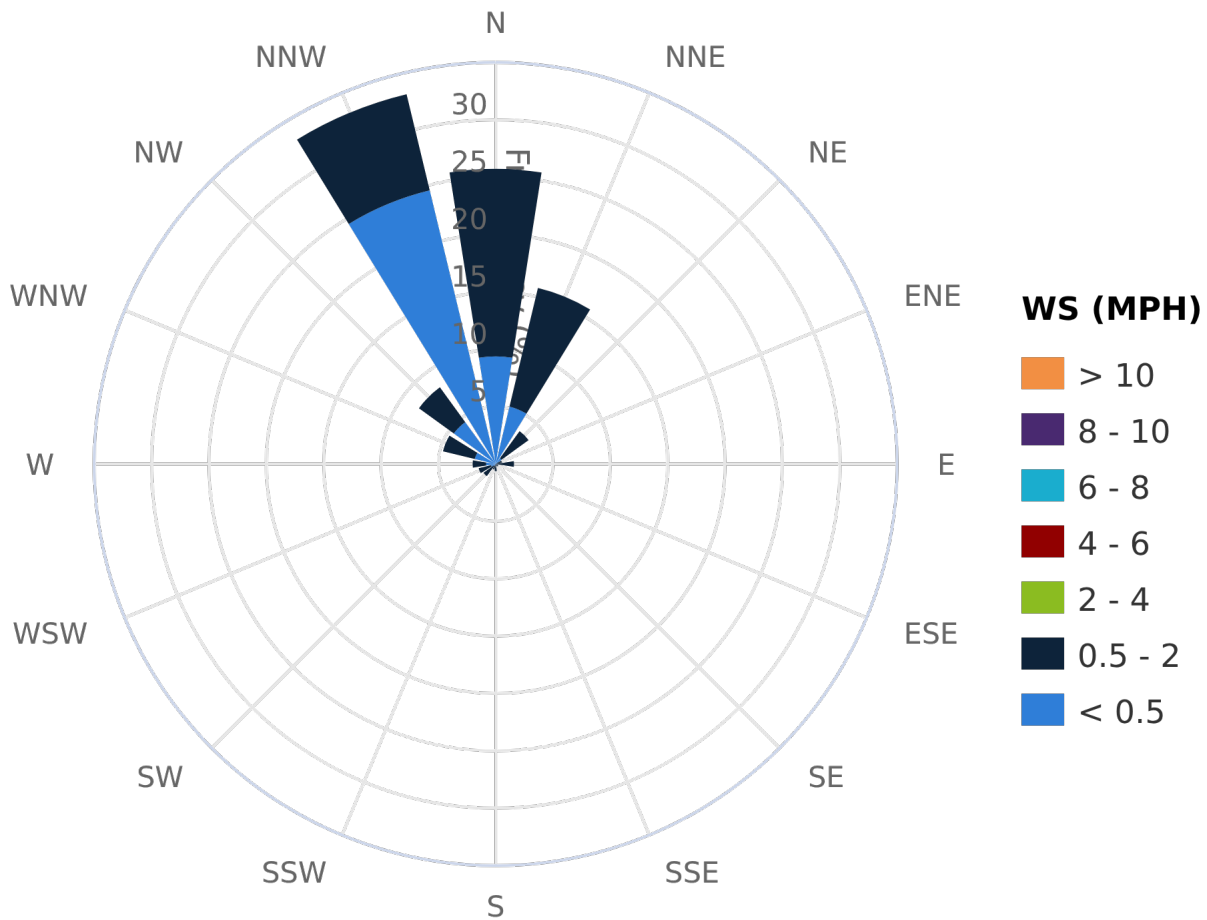


Figure 3 : Wind Rose Chart (WS in MPH)



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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	19.8	19.1	31.2	15.2	8.7	7.2	7.0	8.1	0.026	0.000	0.039	0.000
00:15:00	20.6	20.1	37.6	18.6	8.9	8.0	8.6	9.3	0.022	0.000	0.031	0.000
00:30:00	21.3	20.7	41.4	19.2	9.3	8.3	8.9	10.3	0.017	0.000	0.026	0.000
00:45:00	20.3	18.1	30.8	18.8	8.8	8.0	8.6	9.8	0.015	0.000	0.022	0.000
01:00:00	20.5	18.2	31.0	19.5	9.0	8.0	9.0	10.0	0.014	0.000	0.020	0.000
01:15:00	20.0	17.6	29.8	18.5	8.9	7.8	8.5	9.9	0.012	0.000	0.019	0.000
01:30:00	19.5	18.3	31.9	18.2	8.5	7.6	8.2	9.9	0.010	0.000	0.017	0.000
01:45:00	18.9	16.6	25.7	16.9	8.0	7.1	7.8	8.9	0.010	0.000	0.016	0.000
02:00:00	18.0	16.4	42.9	17.0	7.8	7.0	7.6	10.1	0.004	0.000	0.012	0.000
02:15:00	17.9	16.0	30.9	17.2	8.0	7.3	7.8	8.8	0.001	0.000	0.011	0.000
02:30:00	18.3	16.7	35.5	17.2	8.2	7.4	8.1	9.1	0.000	0.000	0.006	0.000
02:45:00	18.6	16.4	37.9	16.6	8.2	7.3	7.8	9.3	0.000	0.000	0.005	0.000
03:00:00	17.6	15.8	27.2	16.5	8.0	7.1	7.7	8.3	0.000	0.000	0.004	0.000
03:15:00	17.8	16.9	28.4	16.6	8.1	7.1	7.7	8.4	0.000	0.000	0.003	0.000
03:30:00	17.5	16.9	24.5	16.0	7.9	7.0	7.5	8.0	0.000	0.000	0.001	0.000
03:45:00	17.6	16.5	23.5	15.7	7.6	6.8	7.3	7.8	0.000	0.000	0.002	0.000
04:00:00	22.5	19.4	28.7	15.3	7.7	6.9	7.2	8.0	0.000	0.000	0.000	0.000
04:15:00	23.8	18.0	22.1	15.6	7.7	6.7	7.0	7.5	0.000	0.000	0.001	0.000
04:30:00	18.7	20.5	29.7	15.1	7.1	6.8	6.9	8.0	0.000	0.000	0.001	0.000
04:45:00	21.0	19.1	26.4	15.8	7.2	6.6	6.9	7.7	0.000	0.000	0.000	0.000
05:00:00	18.8	18.4	32.3	15.7	6.9	6.5	6.8	7.8	0.000	0.000	0.000	0.000
05:15:00	19.9	19.1	30.7	15.7	6.7	6.3	6.4	7.6	0.000	0.000	0.000	0.000
05:30:00	19.7	19.7	31.8	16.8	6.7	6.4	6.6	7.6	0.000	0.000	0.000	0.000
05:45:00	18.0	18.3	27.9	17.0	6.5	6.2	6.3	7.2	0.000	0.000	0.000	0.000
06:00:00	18.8	18.6	30.5	16.5	6.6	6.1	6.4	7.4	0.000	0.000	0.000	0.000
06:15:00	20.5	19.6		15.7	6.4	6.1	6.3		0.000	0.000	0.000	
06:30:00	18.1	19.2		16.9	6.1	5.9	6.1		0.000	0.000	0.000	
06:45:00	21.7	18.3		16.7	6.6	5.7	5.8		0.000	0.000	0.000	
07:00:00	18.0	19.9		17.5	6.2	5.8	5.8		0.000	0.000	0.000	
07:15:00	17.8	18.9		18.7	6.1	5.8	6.0		0.000	0.000	0.000	
07:30:00	17.5	20.1		18.2	6.9	5.7	6.4		0.000	0.000	0.000	
07:45:00	19.2	21.2		19.2	7.9	6.1	7.0		0.000	0.000	0.000	
08:00:00	18.5	20.4		18.5	7.9	6.5	7.4		0.000	0.000	0.000	
08:15:00	19.0	18.2		17.0	8.0	7.1	7.6		0.000	0.000	0.000	
08:30:00	16.9	14.9		16.3	7.3	6.5	7.3		0.000	0.000	0.000	
08:45:00	16.4	14.5		15.6	7.4	6.5	7.1		0.000	0.000	0.000	
09:00:00	16.6	14.2	17.6	19.6	7.9	6.7	8.5	8.3	0.000	0.000	0.000	0.031
09:15:00	16.3	14.7	16.6	17.0	8.0	7.2	8.1	8.7	0.000	0.000	0.000	0.000
09:30:00	16.9	14.7	17.5	21.1	8.1	7.3	8.8	8.4	0.000	0.001	0.000	0.000
09:45:00	16.3	14.8		15.3	8.0	7.4	7.8		0.000	0.001	0.000	
10:00:00	15.6	14.0	16.1	21.3	8.0	7.3	9.1	8.8	0.000	0.000	0.000	0.009
10:15:00	15.3	13.4	14.9	20.5	7.9	7.4	9.2	8.2	0.002	0.000	0.000	0.000
10:30:00	14.2	13.0	14.6	16.5	7.7	7.1	8.2	7.9	0.003	0.000	0.000	0.000
10:45:00	14.6	12.1	13.3	14.4	7.2	6.4	7.5	7.3	0.000	0.000	0.000	0.000
11:00:00	14.0	12.1		13.9	6.8	6.3	7.0		0.000	0.000	0.000	
11:15:00	12.6	12.0	11.9	12.0	6.4	6.1	6.3	6.6	0.000	0.000	0.000	0.022
11:30:00	12.4	10.7	12.9	15.1	6.3	5.6	7.0	7.1	0.000	0.000	0.000	0.006
11:45:00	12.5	12.0	13.0	20.1	6.4	6.2	7.9	7.0	0.000	0.000	0.000	0.017



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	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)
12:00:00	12.5	11.6	13.6	12.7	6.6	6.3	6.8	7.5	0.000	0.000	0.000	0.021
12:15:00	13.2	11.6	12.5	15.8	6.7	6.3	7.5	7.1	0.000	0.000	0.000	0.028
12:30:00	17.8	11.6	14.1	14.3	7.1	6.3	7.3	7.5	0.000	0.000	0.000	0.022
12:45:00	19.4	12.1	13.6	13.3	7.9	6.3	6.8	7.1	0.000	0.000	0.000	0.012
13:00:00	13.5	11.6	12.0	48.0	6.1	6.2	12.5	6.3	0.000	0.000	0.000	0.000
13:15:00	19.6	11.2	11.1	19.9	7.2	6.1	7.4	5.7	0.000	0.000	0.000	0.000
13:30:00	11.4	11.0	11.5	12.2	5.9	6.0	6.1	6.2	0.000	0.000	0.000	0.000
13:45:00	19.6	11.2	10.8	11.3	7.4	6.1	6.1	5.9	0.000	0.000	0.000	0.000
14:00:00	11.3	11.1	10.5	10.9	6.0	6.0	5.8	5.7	0.000	0.000	0.000	0.000
14:15:00	11.2	10.8	10.4	18.7	5.9	5.7	7.3	5.6	0.000	0.000	0.000	0.000
14:30:00	11.1	11.0	10.2	61.1	5.8	5.8	15.3	5.5	0.000	0.000	0.000	0.000
14:45:00	10.9	10.8	12.5	24.0	5.6	5.6	8.6	6.2	0.000	0.000	0.000	0.000
15:00:00	10.5	10.9	10.7	10.3	5.3	5.5	5.5	5.5	0.000	0.000	0.000	0.000
15:15:00	11.1	10.4	9.4	9.4	5.4	5.4	5.0	5.0	0.000	0.000	0.000	0.000
15:30:00	10.9	10.0	10.2	10.5	5.6	5.4	5.6	5.4	0.000	0.000	0.000	0.000
15:45:00	10.5	9.8	11.1	10.5	5.4	5.3	5.5	5.8	0.000	0.000	0.000	0.000
16:00:00	10.2	9.9	10.5	9.9	5.3	5.1	5.4	5.6	0.000	0.000	0.000	0.000
16:15:00	10.0	9.3	10.1	12.3	5.1	5.1	5.4	5.4	0.000	0.000	0.000	0.000
16:30:00	10.1	9.4	9.9	10.3	5.2	5.0	5.1	5.2	0.000	0.000	0.000	0.000
16:45:00	10.2	9.7	10.3	9.6	5.2	5.0	5.1	5.4	0.000	0.000	0.000	0.000
17:00:00	10.0	9.2	10.0	9.1	5.0	4.7	4.9	5.3	0.000	0.000	0.000	0.000
17:15:00	9.9	8.9	10.0	8.7	4.9	4.7	4.8	5.1	0.000	0.000	0.000	0.000
17:30:00	11.3	8.5	10.7	11.4	5.1	4.6	5.2	5.2	0.000	0.000	0.000	0.000
17:45:00	9.7	9.0	10.0	8.5	4.8	4.6	4.6	5.0	0.000	0.000	0.000	0.000
18:00:00	9.7	9.2	9.9	8.8	4.8	4.6	4.7	5.0	0.000	0.000	0.000	0.000
18:15:00	9.7	8.9	10.7	9.0	4.8	4.6	4.7	5.2	0.000	0.000	0.000	0.000
18:30:00	9.8	9.1	15.7	10.1	4.9	4.6	5.0	6.0	0.000	0.000	0.000	0.002
18:45:00	9.8	9.0	10.0	9.3	4.8	4.5	4.8	5.0	0.000	0.001	0.000	0.004
19:00:00	9.4	8.5	11.1	8.9	4.7	4.3	4.8	5.3	0.000	0.000	0.000	0.009
19:15:00	9.4	8.8	14.6	9.5	4.7	4.3	4.8	5.7	0.001	0.005	0.000	0.006
19:30:00	9.4	9.6	12.1	8.7	4.6	4.4	4.7	5.3	0.031	0.009	0.000	0.014
19:45:00	12.3	9.6	13.9	9.3	5.0	4.4	4.7	5.6	0.045	0.011	0.000	0.013
20:00:00	10.6	10.2	14.9	10.4	5.1	4.8	5.2	5.6	0.052	0.013	0.000	0.025
20:15:00	18.5	11.1	13.4	10.4	5.9	4.9	5.2	5.4	0.093	0.014	0.016	0.029
20:30:00	19.7	10.9	17.3	10.8	6.2	5.0	5.3	6.1	0.127	0.014	0.060	0.029
20:45:00	11.0	10.3	18.5	11.4	5.6	5.3	5.8	6.3	0.123	0.012	0.089	0.025
21:00:00	14.7	11.1	19.0	12.3	6.7	6.0	6.6	6.5	0.123	0.011	0.107	0.020
21:15:00	13.8	12.0	19.3	12.9	7.0	6.6	7.2	7.0	0.130	0.011	0.125	0.015
21:30:00	15.8	15.0	24.4	29.3	7.3	6.7	11.0	8.8	0.135	0.012	0.143	0.013
21:45:00	14.4	13.1	33.5	14.1	6.9	6.3	7.6	10.5	0.146	0.013	0.152	0.015
22:00:00	14.4	13.6	34.9	14.3	6.8	6.3	7.3	10.7	0.158	0.012	0.160	0.011
22:15:00	14.7	14.9	26.6	18.0	6.9	6.4	7.6	9.1	0.156	0.011	0.161	0.003
22:30:00	15.3	15.9	21.1	12.9	7.0	6.9	7.1	8.4	0.150	0.010	0.154	0.002
22:45:00	16.5	16.8	21.6	14.2	7.1	7.3	7.4	8.6	0.144	0.008	0.145	0.000
23:00:00	16.8	17.0	30.1	13.0	7.8	7.3	7.4	9.3	0.127	0.007	0.140	0.000
23:15:00	15.6	16.8	23.9	14.0	8.0	7.3	7.6	9.2	0.119	0.006	0.127	0.000
23:30:00	16.4	18.8	26.0	15.0	8.5	7.4	8.3	9.7	0.108	0.006	0.116	0.000
23:45:00	17.0	16.9	29.6	15.0	8.8	7.9	8.2	10.1	0.100	0.005	0.106	0.000



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