



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-06

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1120 Max : 14.32	2943 ESE	2995 NNE	2996 E	2997 N	Min : 72.14 Max : 97.88	Min : 60.20 Max : 98.60	Min : 30.10 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	25.9	54.8	5.5	7.6	0.013	0.135
2995	19.4	45.3	4.6	8.2	0.015	0.083
2996	20.8	38.2	5.6	8.9	0.009	0.076
2997	35.4	86.6	6.3	9.8	0.003	0.064

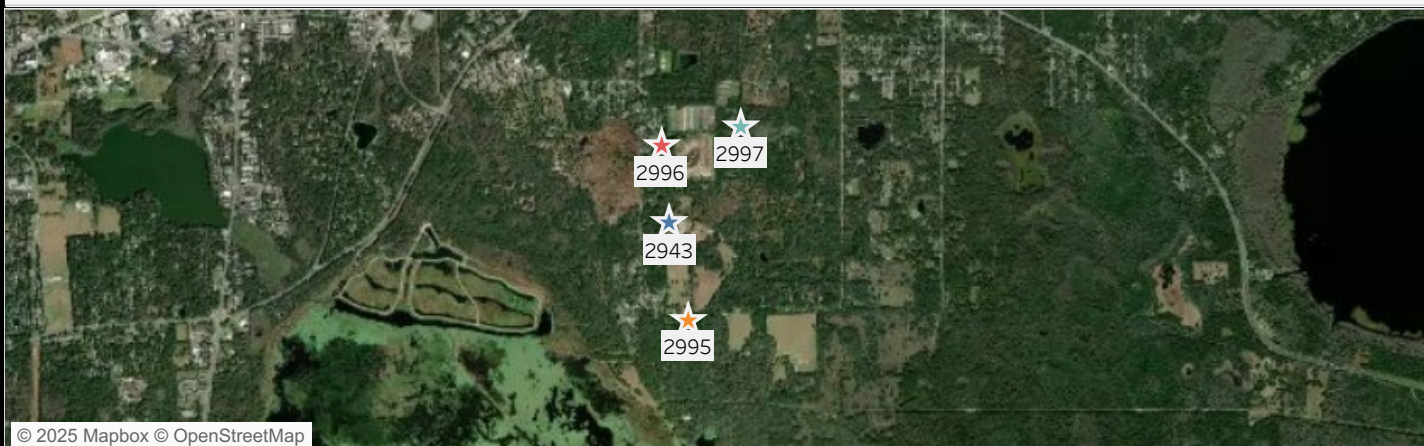


Figure 1 : Monitoring Locations

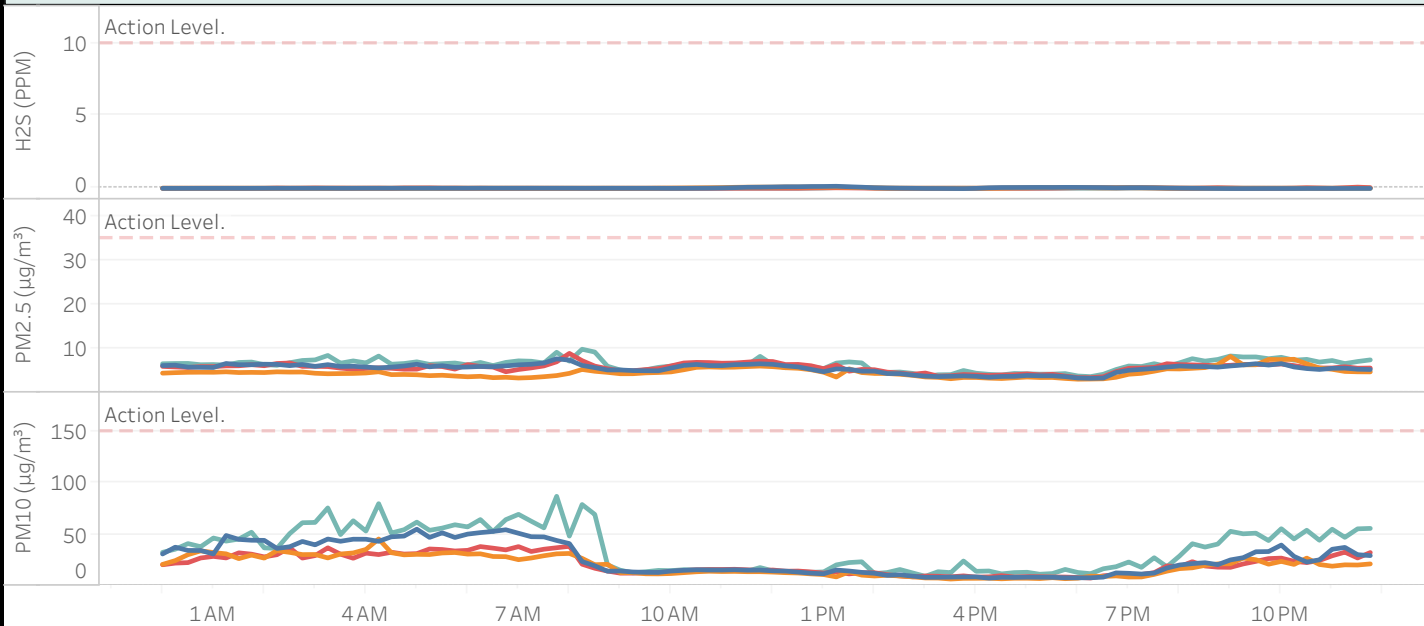


Figure 2 : 15 Minutes Average Concentrations

2943 2995 2996 2997



DAILY AIR MONITORING REPORT

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Wind Rose Chart 2943

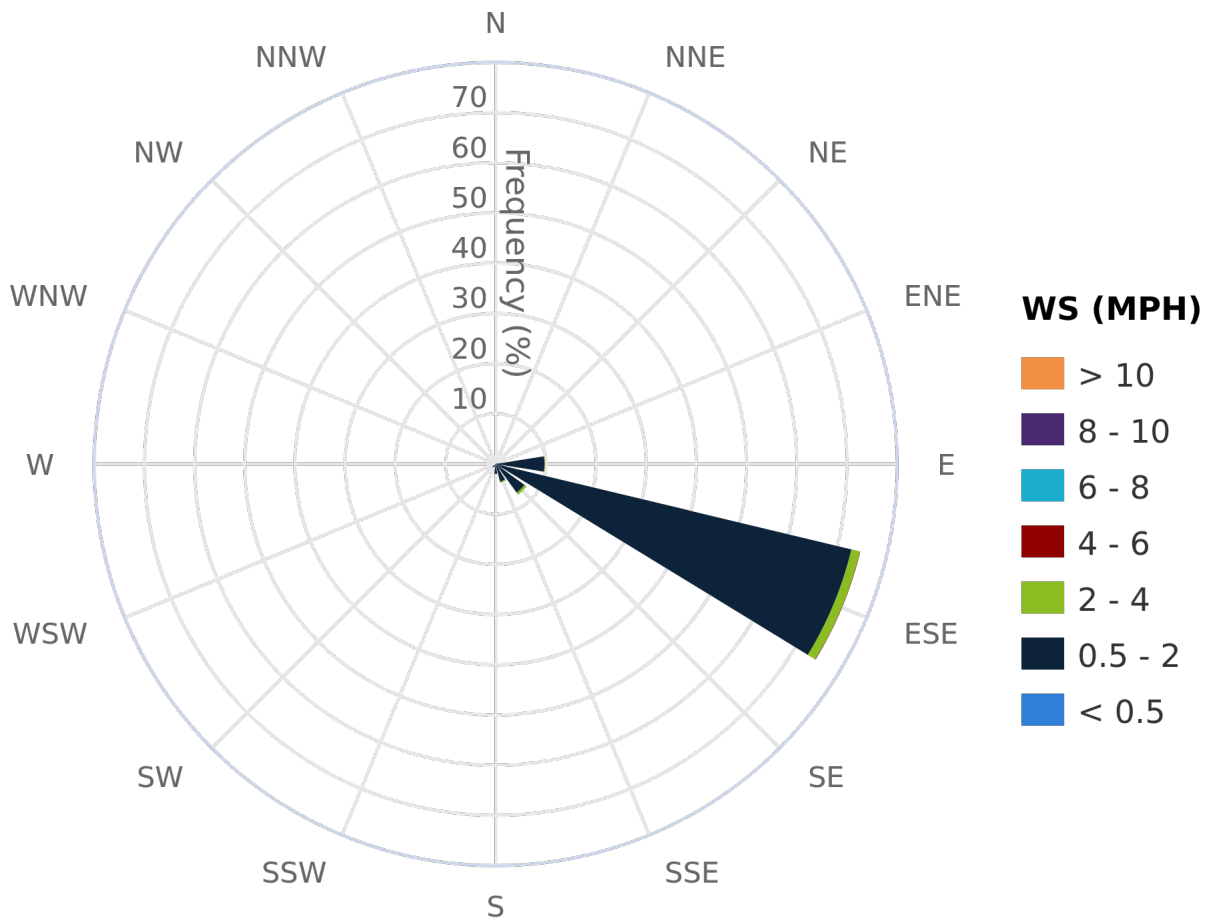


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-06

Wind Rose Chart 2995

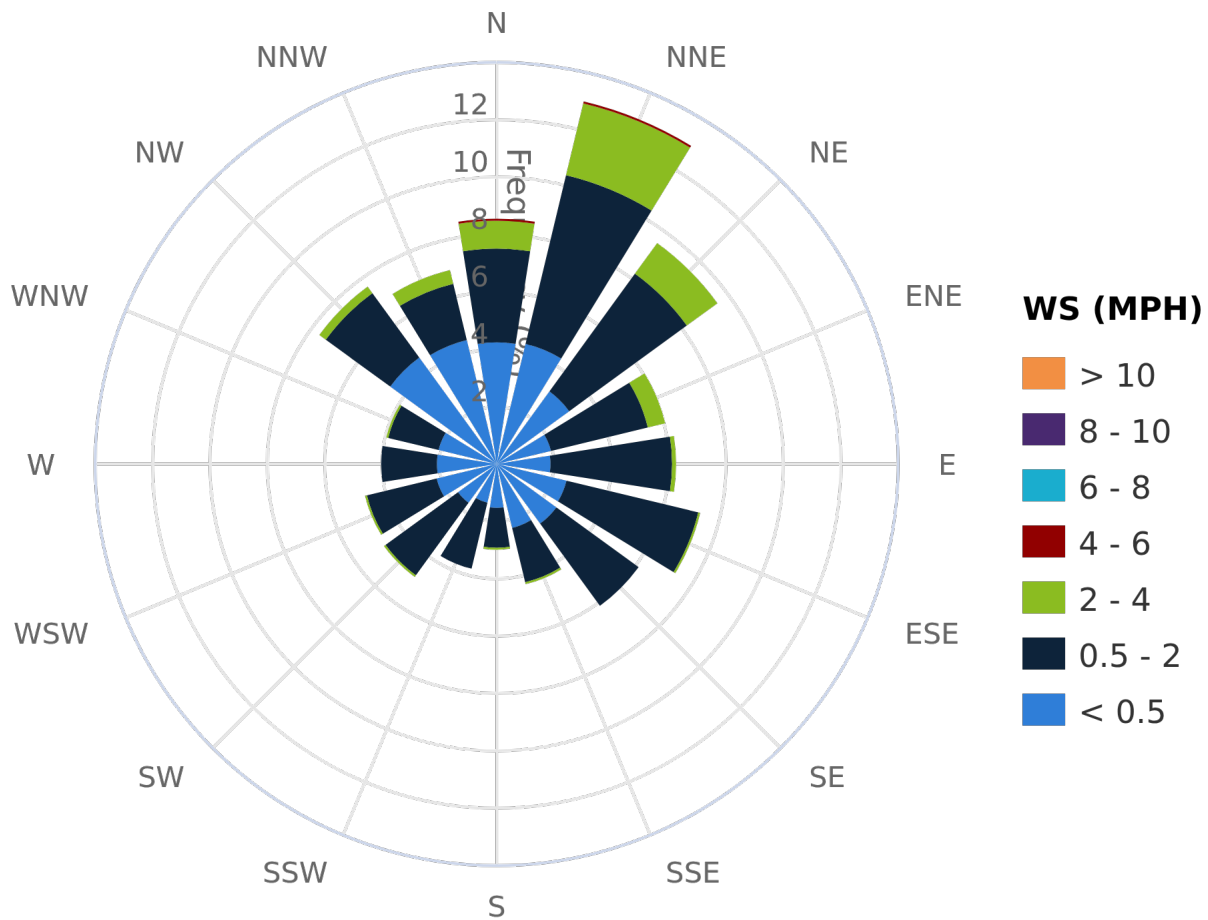


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

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Date : 2025-08-06

Wind Rose Chart 2996

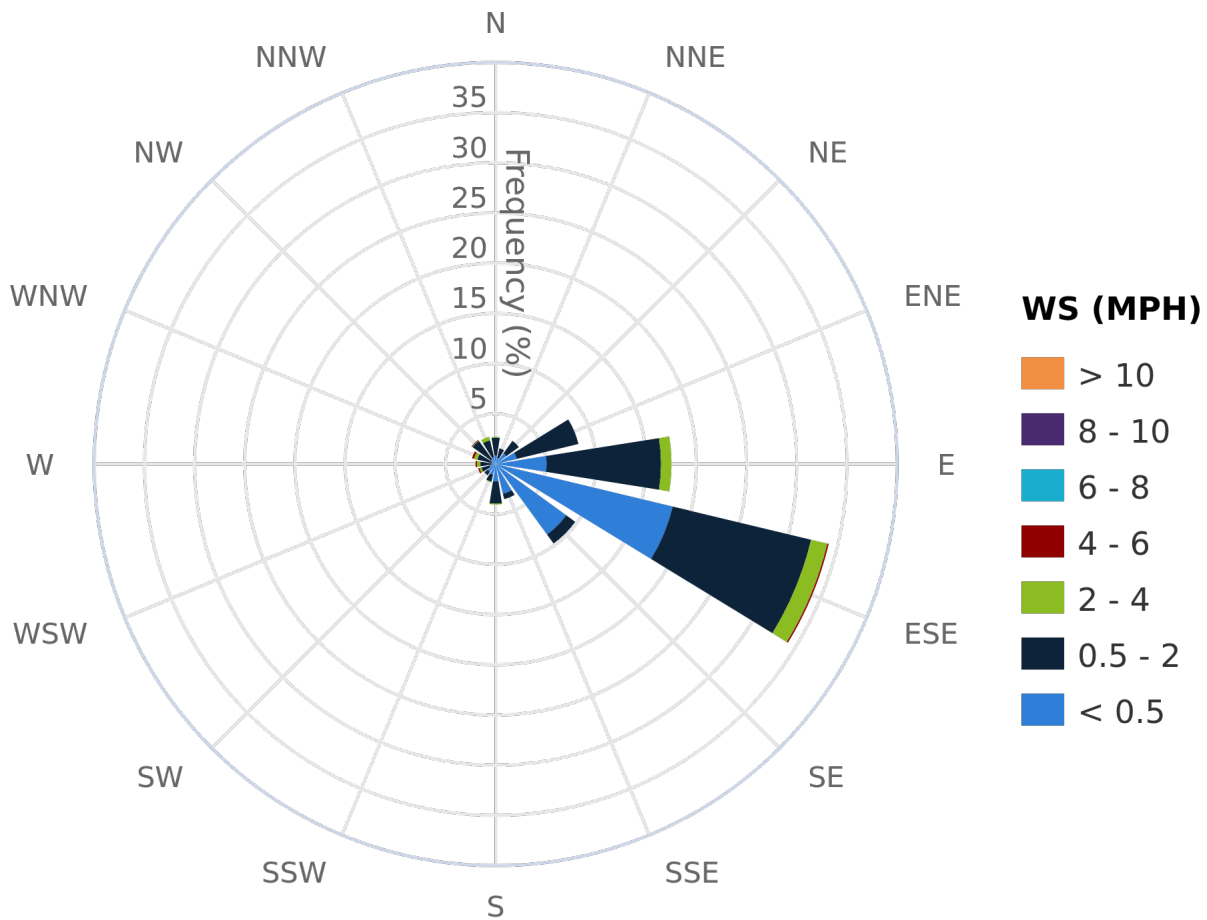


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

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Date : 2025-08-06

Wind Rose Chart 2997

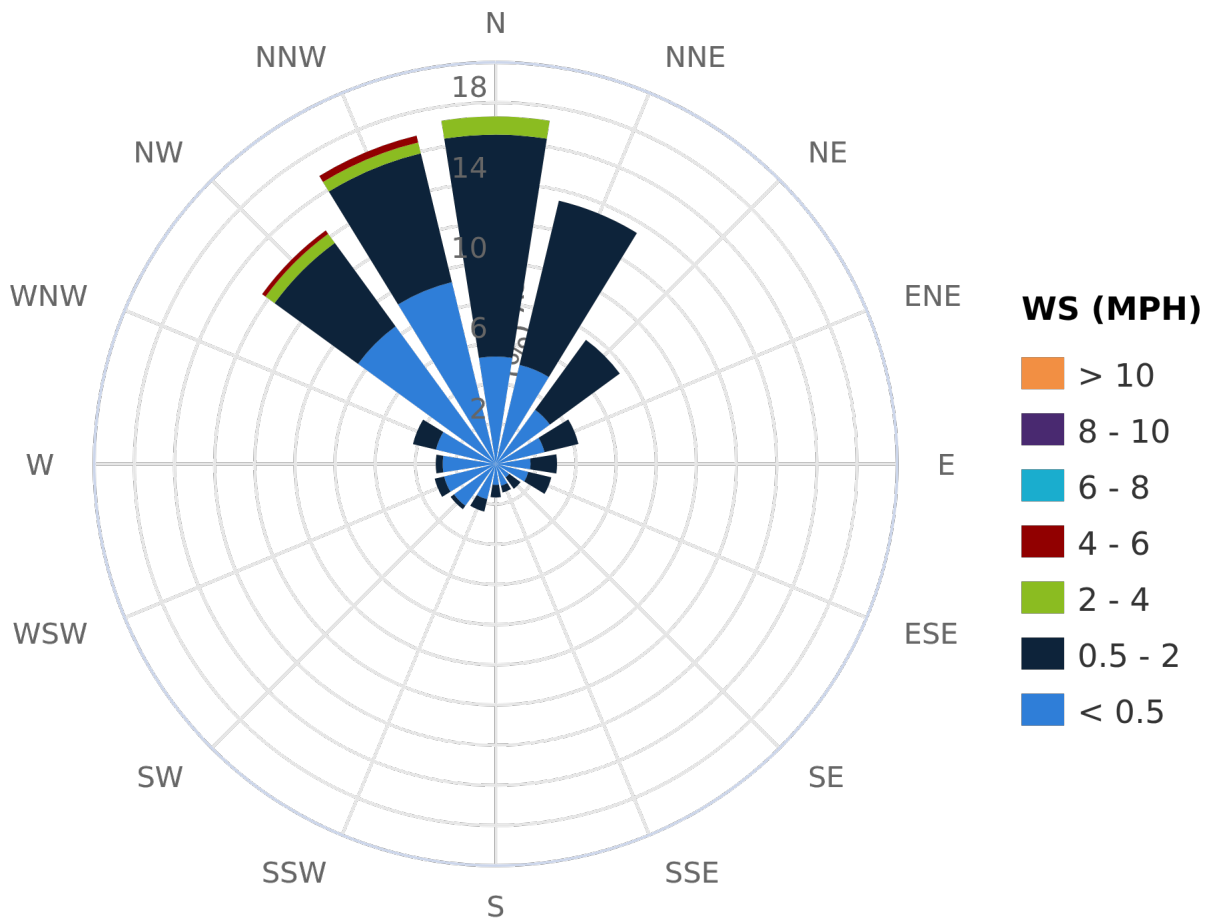


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2995 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2995 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2995 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	30.8	20.7	32.4	20.3	6.1	4.4	5.9	6.5	-0.010	0.000	0.000	0.000
00:15:00	37.4	24.4	35.4	21.9	6.2	4.5	5.8	6.6	-0.010	0.000	0.000	0.000
00:30:00	34.2	30.1	40.8	22.4	5.8	4.6	5.7	6.6	-0.008	0.000	0.000	0.000
00:45:00	34.2	33.8	37.8	26.9	5.7	4.6	5.9	6.3	-0.007	0.000	0.000	0.000
01:00:00	30.8	32.2	46.2	28.4	5.7	4.6	5.9	6.3	-0.007	0.000	0.001	0.000
01:15:00	48.7	30.9	43.3	27.0	6.6	4.7	6.0	6.2	-0.006	0.000	0.000	0.000
01:30:00	44.9	26.3	45.2	31.9	6.3	4.5	6.1	6.8	-0.007	0.000	0.000	0.000
01:45:00	44.1	29.7	51.9	30.6	6.3	4.6	6.3	6.9	-0.007	0.000	0.000	0.000
02:00:00	44.0	26.8	36.7	28.0	6.4	4.5	6.1	6.3	-0.004	0.000	0.000	0.000
02:15:00	36.2	34.0	36.2	30.1	6.4	4.7	6.6	6.2	-0.003	0.000	0.014	0.000
02:30:00	37.8	32.4	50.5	36.9	6.1	4.6	6.7	6.8	-0.003	0.000	0.005	0.000
02:45:00	42.9	30.2	61.1	26.8	6.4	4.7	5.9	7.3	-0.004	0.000	0.009	0.000
03:00:00	39.6	30.3	61.3	29.2	5.9	4.4	6.0	7.4	-0.003	0.000	0.019	0.000
03:15:00	45.3	27.0	75.4	36.7	6.3	4.3	5.9	8.4	-0.002	0.000	0.010	0.000
03:30:00	43.1	30.8	49.6	30.6	5.9	4.3	5.5	6.7	-0.006	0.000	0.010	0.000
03:45:00	45.1	31.8	62.9	26.7	6.0	4.3	5.3	7.2	-0.004	0.000	0.006	0.000
04:00:00	45.1	35.2	53.0	31.6	5.8	4.4	5.5	6.7	-0.003	0.000	0.007	0.000
04:15:00	43.0	45.3	79.5	30.2	5.6	4.7	5.6	8.3	-0.003	0.000	0.009	0.000
04:30:00	47.4	32.0	51.1	32.5	5.8	4.1	5.5	6.4	-0.002	0.000	0.001	0.000
04:45:00	48.1	30.0	54.3	30.7	6.0	4.1	5.3	6.6	-0.002	0.000	0.020	0.000
05:00:00	54.8	30.4	61.6	31.1	6.4	4.0	5.3	7.0	-0.002	0.001	0.021	0.000
05:15:00	46.8	30.3	53.7	35.6	5.8	3.8	6.1	6.4	-0.002	0.000	0.024	0.000
05:30:00	51.3	31.8	55.9	35.1	6.1	3.9	5.9	6.6	-0.001	0.000	0.009	0.001
05:45:00	46.8	32.2	59.1	33.7	5.7	3.7	5.3	6.7	-0.003	0.000	0.012	0.002
06:00:00	50.0	30.7	57.0	34.3	5.8	3.6	6.3	6.3	-0.002	0.002	0.001	0.000
06:15:00	51.5	30.9	64.1	38.0	5.9	3.7	5.9	6.8	0.000	0.002	0.006	0.001
06:30:00	52.6	28.4	52.5	36.4	5.9	3.4	5.8	6.1	0.000	0.002	0.001	0.000
06:45:00	54.2	28.2	64.0	34.8	6.0	3.5	4.7	6.8	-0.001	0.001	0.001	0.001
07:00:00	50.9	25.3	69.2	37.9	6.3	3.3	5.2	7.2	-0.001	0.000	0.003	0.002
07:15:00	47.5	26.9	62.5	33.2	6.4	3.4	5.6	7.1	0.000	0.000	0.002	0.001
07:30:00	47.3	29.1	56.1	35.4	6.7	3.6	6.0	6.7	0.000	0.000	0.001	0.001
07:45:00	43.9	30.9	86.6	36.8	7.6	3.9	7.0	9.1	-0.001	0.000	0.001	0.000
08:00:00	40.9	31.3	48.1	38.2	7.3	4.4	8.9	7.1	-0.001	0.000	0.000	0.000
08:15:00	23.4	26.5	78.7	20.9	6.2	5.2	7.2	9.8	-0.004	0.000	0.000	0.000
08:30:00	19.3	20.4	69.1	17.0	5.7	4.8	6.0	9.2	-0.004	0.000	0.000	0.000
08:45:00	14.1	20.8	20.2	14.2	5.1	4.6	5.4	6.0	-0.002	0.000	0.000	0.000
09:00:00	14.3	12.7	15.1	12.2	5.1	4.3	4.9	5.1	-0.003	0.000	0.000	0.000
09:15:00	13.4	12.7	12.5	12.2	5.0	4.3	5.0	4.8	-0.004	0.001	0.000	0.000
09:30:00	13.0	11.6	13.6	12.5	5.0	4.5	5.2	5.2	-0.004	0.000	0.000	0.000
09:45:00	12.9	11.5	14.9	12.9	4.9	4.5	5.4	5.7	-0.005	0.007	0.000	0.000
10:00:00	14.3	11.8	14.6	13.6	5.6	4.7	6.0	6.0	-0.008	0.011	0.000	0.000
10:15:00	15.0	12.7	15.6	14.8	6.1	5.2	6.7	6.4	-0.006	0.017	0.000	0.000
10:30:00	15.5	13.6	15.3	15.5	6.4	5.7	6.8	6.2	-0.001	0.025	0.000	0.000
10:45:00	15.3	14.1	15.9	15.7	6.1	5.8	6.8	6.4	0.004	0.032	0.000	0.000
11:00:00	15.3	13.8	15.4	15.8	6.1	5.7	6.6	6.4	0.018	0.042	0.000	0.000
11:15:00	15.5	13.9	15.4	16.0	6.3	5.8	6.7	6.6	0.040	0.064	0.000	0.000
11:30:00	15.1	13.6	14.2	15.5	6.4	5.9	6.9	6.2	0.065	0.073	0.000	0.000
11:45:00	15.2	13.6	17.6	14.7	6.5	6.0	7.1	8.2	0.073	0.077	0.000	0.000



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12:00:00	14.5	13.2	14.5	15.3	6.4	5.9	7.0	6.3	0.086	0.075	0.000	0.000
12:15:00	14.2	12.7	13.3	14.1	6.1	5.6	6.3	5.6	0.102	0.083	0.000	0.000
12:30:00	13.2	12.4	13.6	14.3	5.8	5.5	6.4	5.9	0.104	0.080	0.001	0.000
12:45:00	12.2	11.5	13.0	13.4	5.3	5.2	6.1	5.8	0.119	0.083	0.014	0.007
13:00:00	11.6	10.9	13.4	12.2	4.7	4.6	5.4	5.4	0.123	0.075	0.024	0.016
13:15:00	15.2	8.6	20.2	13.4	5.4	3.5	6.3	6.7	0.135	0.082	0.028	0.045
13:30:00	14.3	13.5	22.5	11.5	5.3	5.4	4.9	6.9	0.101	0.065	0.022	0.064
13:45:00	13.0	10.3	23.2	12.6	4.9	4.5	5.3	6.7	0.072	0.047	0.012	0.044
14:00:00	12.1	9.5	11.8	12.6	4.8	4.3	5.2	4.5	0.034	0.022	0.003	0.023
14:15:00	10.1	10.2	12.8	10.7	4.3	4.3	4.6	4.6	0.012	0.003	0.003	0.011
14:30:00	10.6	9.5	15.8	9.5	4.3	4.1	4.4	4.7	0.000	0.000	0.000	0.007
14:45:00	9.3	8.6	12.4	8.6	4.0	3.9	4.2	4.4	-0.006	0.000	0.000	0.002
15:00:00	8.2	7.6	9.2	9.4	3.7	3.5	4.4	3.7	-0.014	0.000	0.000	0.000
15:15:00	8.2	7.5	13.6	9.2	3.6	3.4	3.7	4.0	-0.016	0.000	0.000	0.000
15:30:00	8.4	6.5	12.7	8.7	3.7	3.1	3.8	4.1	-0.020	0.000	0.000	0.000
15:45:00	8.6	7.2	24.0	9.6	3.8	3.4	4.1	5.0	-0.025	0.000	0.000	0.000
16:00:00	8.6	7.2	14.0	8.4	3.7	3.4	4.0	4.4	-0.009	0.000	0.000	0.000
16:15:00	7.4	7.4	14.3	8.6	3.5	3.3	3.9	4.1	0.031	0.002	0.000	0.000
16:30:00	8.2	6.8	11.5	9.8	3.7	3.2	4.0	4.0	0.049	0.010	0.000	0.000
16:45:00	8.1	7.3	12.8	8.4	3.7	3.4	4.0	4.3	0.051	0.026	0.000	0.000
17:00:00	8.3	7.3	13.1	8.9	3.9	3.5	4.2	4.3	0.054	0.030	0.000	0.000
17:15:00	8.2	7.0	11.2	8.8	3.8	3.4	4.0	4.2	0.056	0.045	0.003	0.000
17:30:00	8.2	7.8	11.9	8.5	3.8	3.4	4.1	4.2	0.053	0.049	0.007	0.000
17:45:00	7.8	6.9	15.8	8.4	3.6	3.2	3.7	4.3	0.060	0.048	0.020	0.000
18:00:00	7.7	7.4	12.9	8.0	3.3	3.0	3.4	3.8	0.057	0.046	0.032	0.000
18:15:00	7.8	9.3	11.7	7.5	3.2	3.1	3.4	3.6	0.051	0.033	0.035	0.000
18:30:00	8.4	9.0	16.5	9.7	3.3	3.1	3.6	4.2	0.045	0.032	0.027	0.000
18:45:00	12.5	9.5	18.5	10.6	4.6	3.5	4.7	5.2	0.032	0.034	0.025	0.001
19:00:00	12.1	8.5	23.0	10.7	5.1	4.2	5.5	6.0	0.040	0.041	0.028	0.009
19:15:00	11.4	8.6	17.8	10.9	5.3	4.4	5.6	5.9	0.041	0.031	0.031	0.013
19:30:00	12.3	11.0	27.2	12.7	5.5	4.8	5.7	6.5	0.032	0.026	0.025	0.008
19:45:00	17.2	14.1	18.4	19.2	5.8	5.4	6.5	5.9	0.013	0.008	0.016	0.008
20:00:00	20.1	16.6	28.9	18.5	6.0	5.4	6.3	6.7	0.000	0.000	0.010	0.008
20:15:00	21.5	17.4	40.7	23.3	5.9	5.5	6.3	7.7	-0.006	0.000	0.005	0.008
20:30:00	22.4	19.8	37.5	19.1	5.9	5.7	6.2	7.1	-0.011	0.000	0.017	0.007
20:45:00	20.4	21.2	40.4	18.0	5.8	6.3	6.1	7.5	-0.017	0.000	0.037	0.005
21:00:00	25.0	21.4	52.7	17.9	6.0	8.2	6.2	8.3	-0.021	0.000	0.019	0.004
21:15:00	27.2	26.8	50.3	21.1	6.3	6.3	6.4	8.1	-0.021	0.000	0.001	0.004
21:30:00	32.9	25.2	50.9	23.6	6.5	6.3	6.4	8.1	-0.019	0.000	0.002	0.003
21:45:00	33.1	20.9	43.8	26.3	6.2	7.5	6.4	7.7	-0.018	0.000	0.001	0.002
22:00:00	39.4	23.6	55.3	26.8	6.6	7.5	6.5	8.0	-0.018	0.000	0.001	0.001
22:15:00	28.4	20.7	45.4	23.7	5.8	7.5	6.1	7.3	-0.018	0.000	0.010	0.001
22:30:00	22.9	26.8	53.8	22.5	5.4	6.5	5.7	7.5	-0.015	0.000	0.036	0.002
22:45:00	25.1	20.6	44.1	24.5	5.2	5.6	5.6	6.9	-0.015	0.000	0.017	0.002
23:00:00	35.4	19.0	54.8	29.0	5.5	5.3	5.6	7.3	-0.015	0.000	0.000	0.001
23:15:00	37.2	20.3	46.9	32.6	5.5	4.8	5.8	6.6	-0.014	0.000	0.037	0.000
23:30:00	30.1	20.1	55.1	26.9	5.3	4.7	5.5	7.0	-0.013	0.000	0.076	0.002
23:45:00	29.2	21.2	55.6	32.2	5.2	4.7	5.6	7.4	-0.013	0.000	0.043	0.003



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