



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-23

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0 Max : 33.87	2943 ENE	3277 SE	2996 SSE	2997 WNW	Min : 51.62 Max : 88.16	Min : 37.00 Max : 88.30	Min : 30.25 Max : 30.52

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m ³		PM2.5 : 35 µg/m ³		H2S : 10 PPM	
AQ-SN	Avg. PM10 Daily (µg/m ³)	Max. PM10-15-min Avg (µg/m ³)	Avg. PM2.5 Daily (µg/m ³)	Max. PM2.5-15-min Avg (µg/m ³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2943	26.9	100.2	12.1	22.6	-0.015	0.017
2996	28.6	100.1	12.2	22.0	0.001	0.008
2997	23.4	74.3	10.7	17.3	0.001	0.009
3277	16.6	30.7	8.5	12.3	0.001	0.249

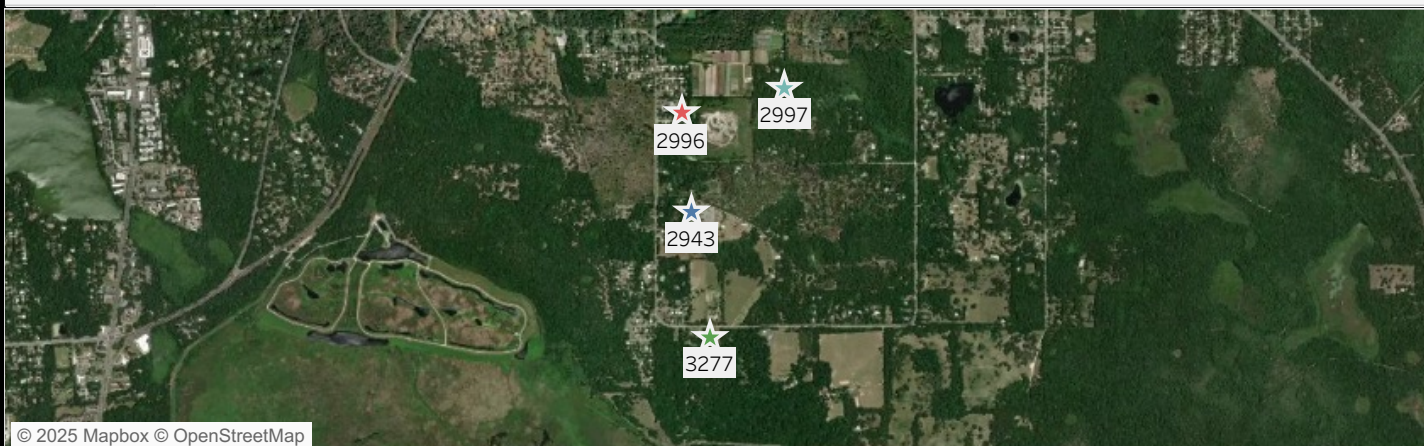


Figure 1 : Monitoring Locations

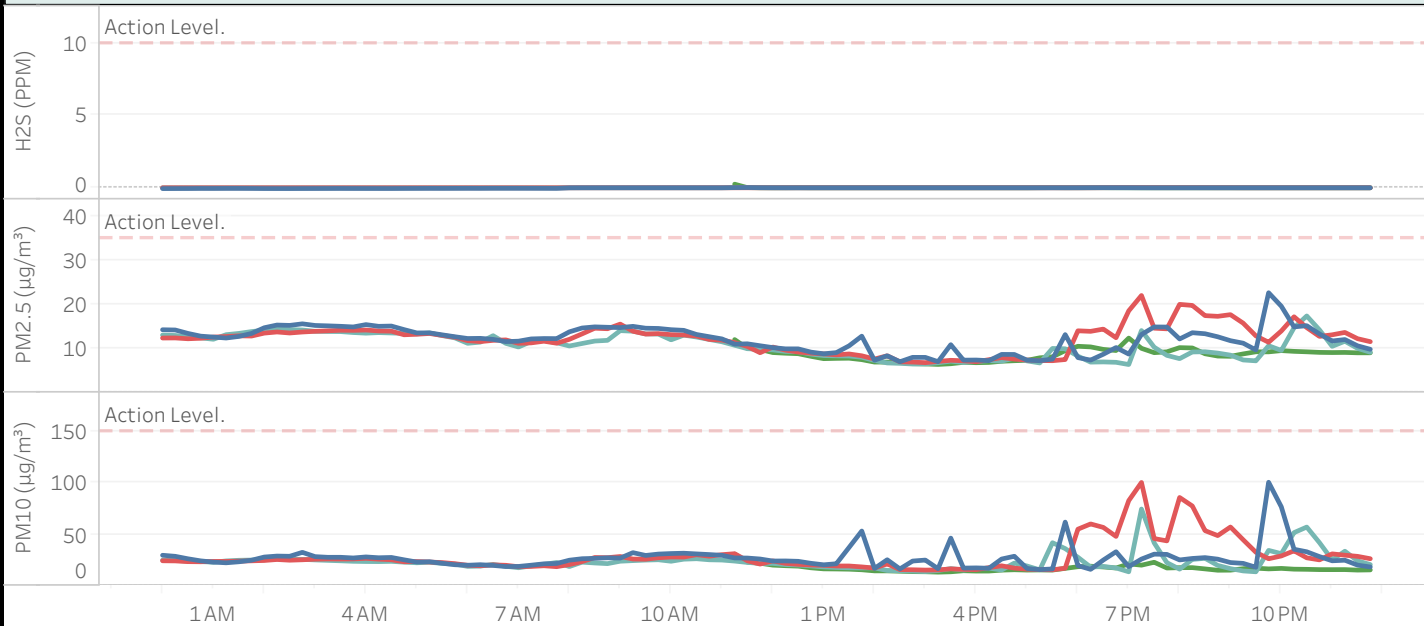


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3277



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Wind Rose Chart 2943

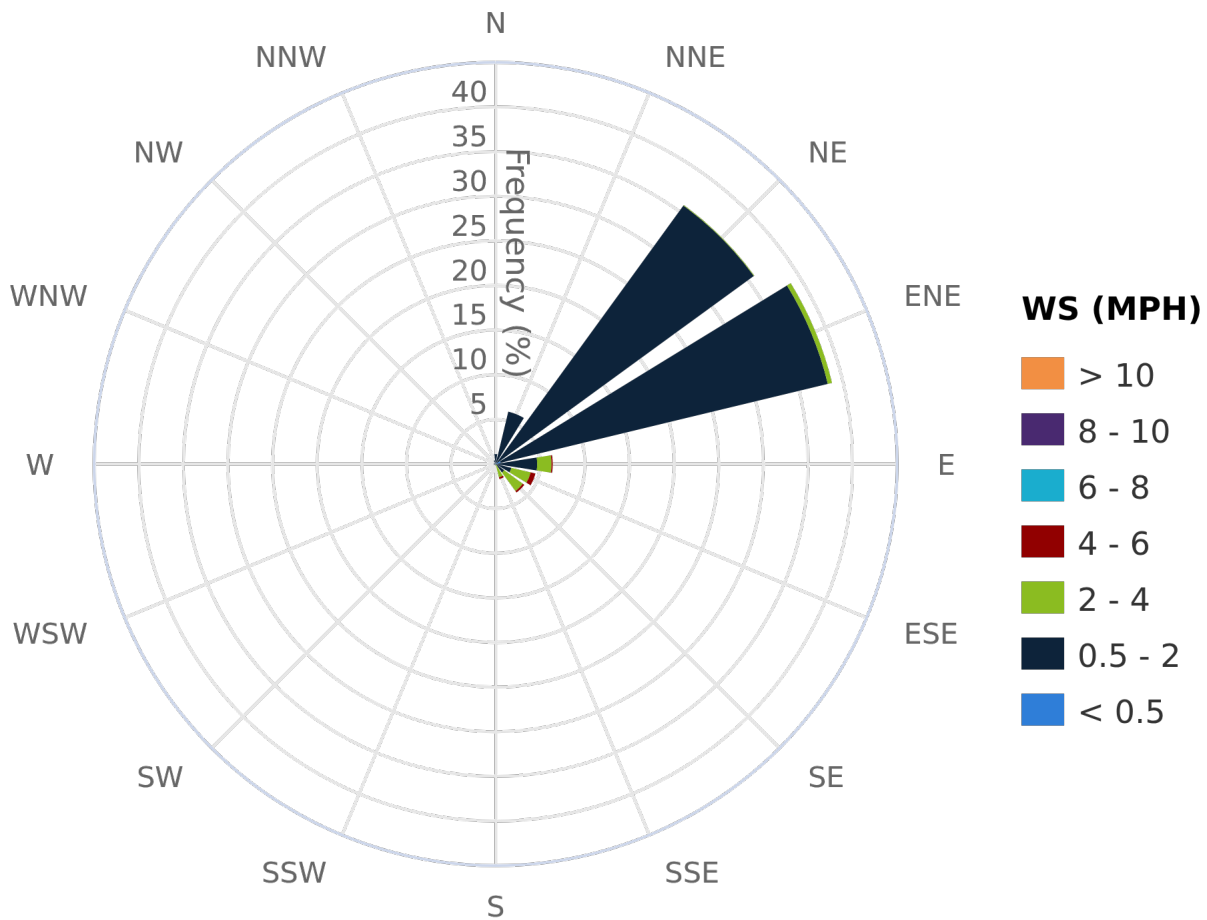


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

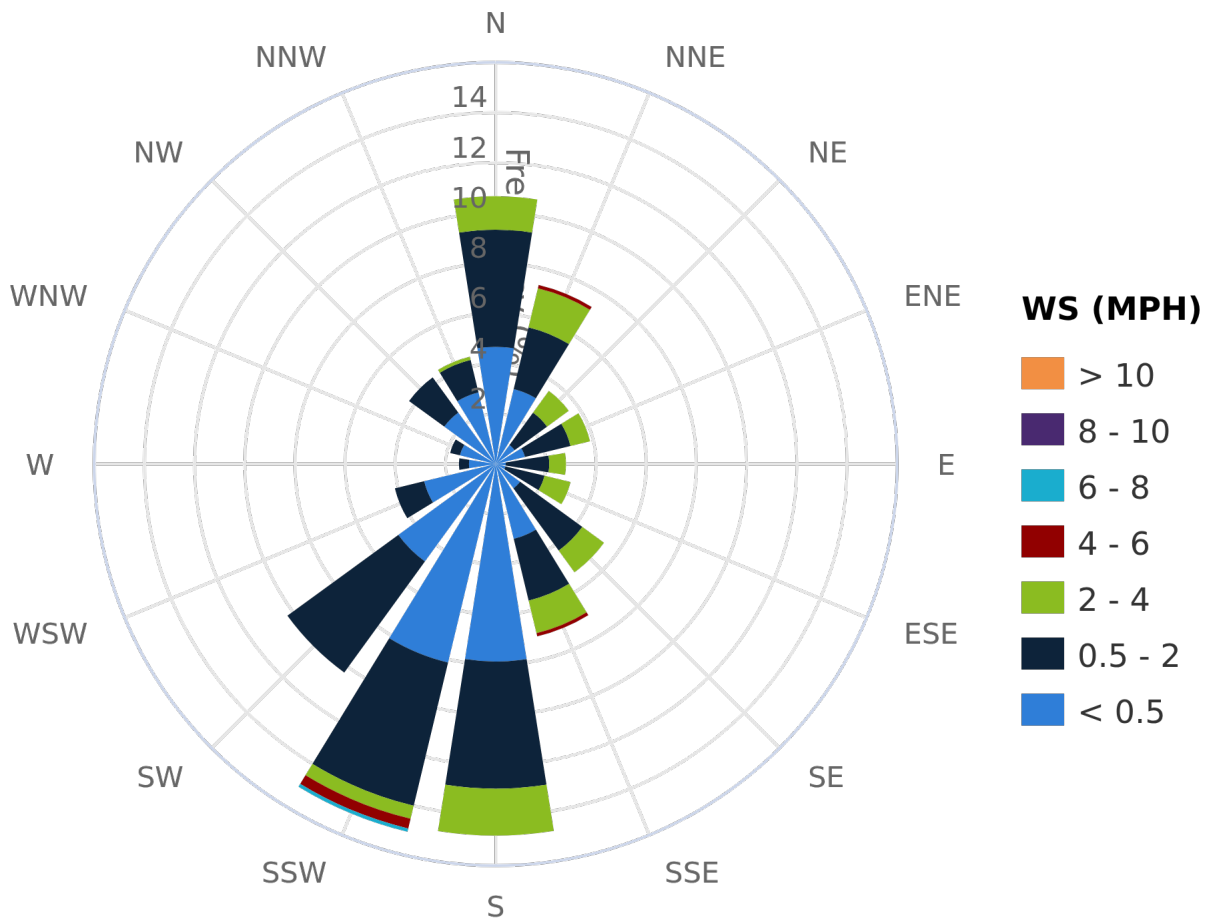


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

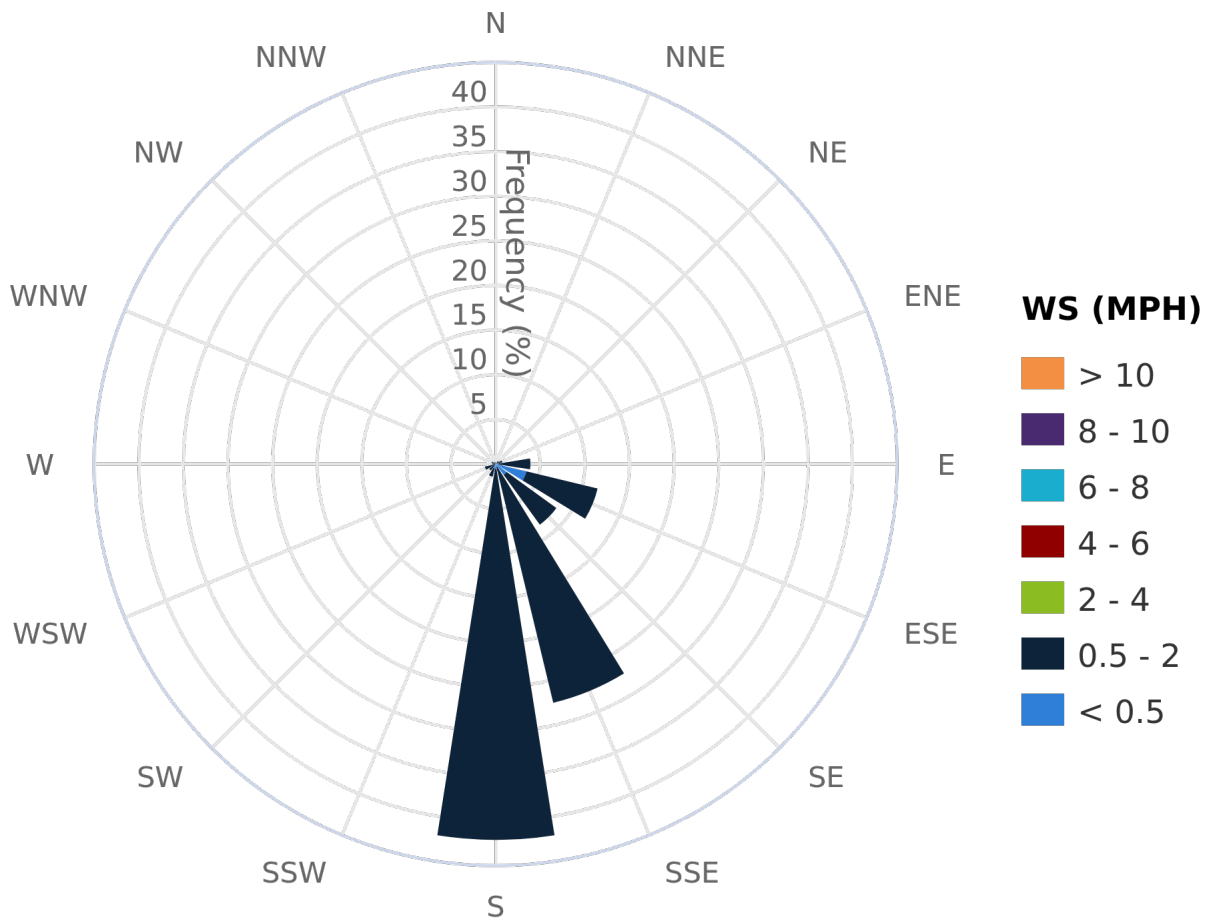


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

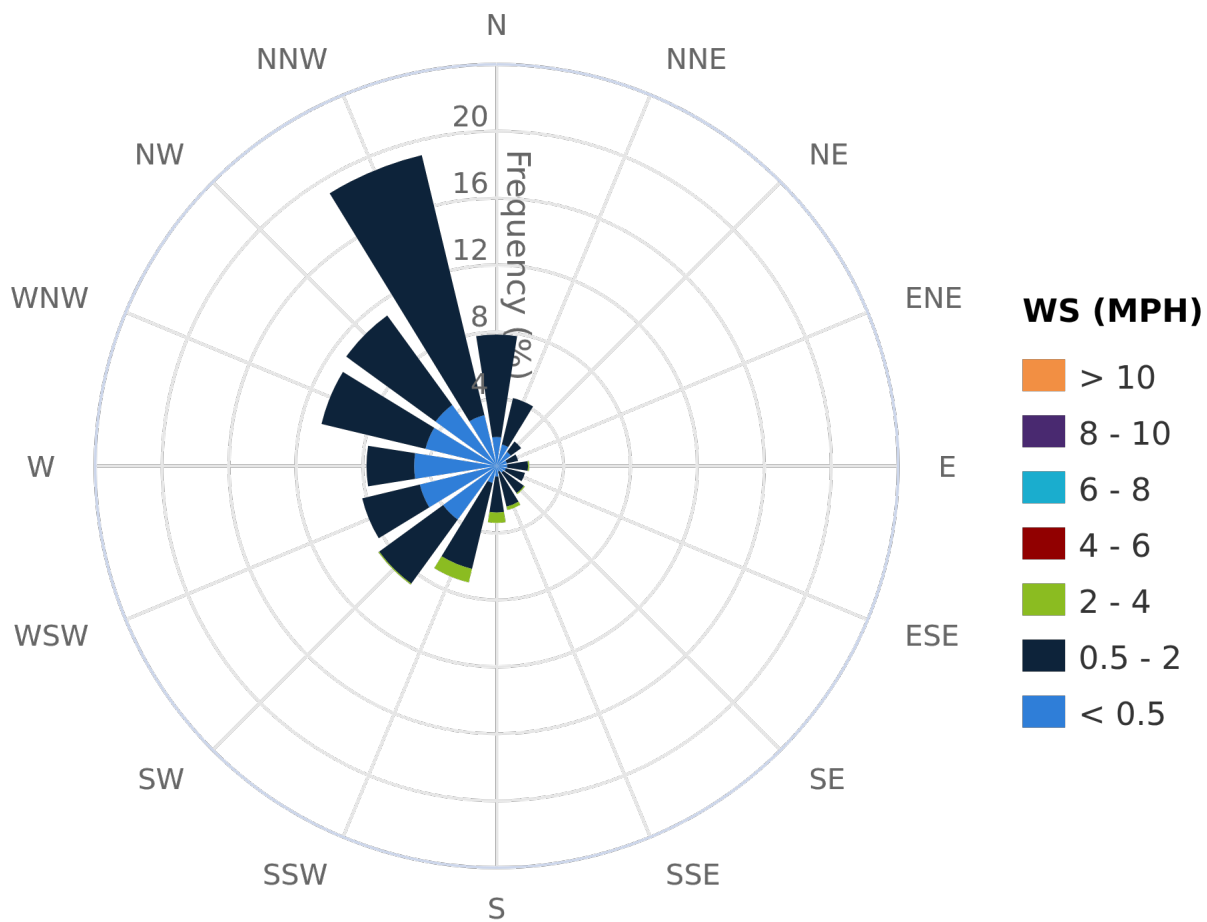


Figure 3 : Wind Rose Chart (WS in MPH)



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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	29.5		24.9	24.2	14.2		12.3	13.0	-0.056		0.000	0.000
00:15:00	28.5		24.6	24.1	14.2		12.4	12.9	-0.053		0.000	0.000
00:30:00	26.1		23.8	23.4	13.4		12.2	12.6	-0.051		0.000	0.000
00:45:00	24.1		23.5	23.2	12.8		12.3	12.4	-0.045		0.000	0.000
01:00:00	22.9		22.7	23.6	12.6		12.6	12.1	-0.047		0.000	0.000
01:15:00	22.2		24.1	23.6	12.3		12.7	13.1	-0.043		0.000	0.000
01:30:00	23.2		24.7	23.8	12.7		12.8	13.4	-0.043		0.000	0.000
01:45:00	24.7		24.9	24.1	13.4		12.8	13.8	-0.046		0.000	0.000
02:00:00	27.8		25.2	24.5	14.7		13.5	14.1	-0.053		0.000	0.000
02:15:00	28.8		26.0	25.4	15.3		13.7	14.4	-0.054		0.000	0.000
02:30:00	28.6		25.8	24.8	15.2		13.5	14.3	-0.054		0.000	0.000
02:45:00	32.4		25.6	25.2	15.5		13.7	14.2	-0.051		0.000	0.000
03:00:00	28.2		25.0	25.7	15.2		13.9	13.9	-0.050		0.000	0.000
03:15:00	27.6		24.6	26.0	15.1		14.0	13.8	-0.048		0.000	0.000
03:30:00	27.6		24.2	25.9	15.0		14.1	13.8	-0.046		0.000	0.000
03:45:00	26.9		23.7	26.0	14.8		14.1	13.6	-0.048		0.000	0.000
04:00:00	27.9		23.5	26.6	15.4		14.1	13.4	-0.049		0.000	0.000
04:15:00	27.1		23.4	25.8	15.0		13.9	13.6	-0.049		0.000	0.000
04:30:00	27.4		23.6	25.2	15.0		13.9	13.5	-0.050		0.000	0.000
04:45:00	25.1		22.9	23.2	14.2		13.1	13.4	-0.046		0.000	0.000
05:00:00	23.0		22.3	23.5	13.5		13.2	13.3	-0.044		0.000	0.000
05:15:00	23.3		22.8	23.0	13.5		13.4	13.5	-0.041		0.000	0.000
05:30:00	21.8		21.7	22.5	13.1		12.9	12.9	-0.042		0.000	0.000
05:45:00	20.4		21.0	21.4	12.6		12.5	12.4	-0.041		0.000	0.000
06:00:00	19.9		18.8	19.9	12.2		11.7	11.1	-0.038		0.000	0.000
06:15:00	20.4		19.0	19.4	12.3		11.5	11.4	-0.040		0.000	0.000
06:30:00	19.7		20.7	20.2	12.0		11.8	12.9	-0.036		0.000	0.000
06:45:00	18.6		18.9	19.8	11.5		11.9	11.1	-0.036		0.000	0.000
07:00:00	18.7		17.5	18.4	11.6		11.1	10.3	-0.036		0.000	0.000
07:15:00	19.9		19.3	18.7	12.1		11.2	11.6	-0.037		0.000	0.000
07:30:00	21.3		20.7	19.4	12.2		11.6	11.8	-0.039		0.000	0.000
07:45:00	21.6		22.6	18.5	12.2		11.2	11.3	-0.042		0.000	0.000
08:00:00	24.8		18.6	20.5	13.7		12.0	10.5	-0.003		0.000	0.000
08:15:00	26.2		22.9	23.4	14.6		13.3	11.1	0.000		0.000	0.000
08:30:00	26.6		22.1	27.4	14.9		14.6	11.7	0.000		0.000	0.000
08:45:00	27.1		21.4	27.2	14.8		14.4	11.8	0.000		0.000	0.000
09:00:00	26.8		23.8	28.3	14.7		15.5	14.0	0.000		0.000	0.000
09:15:00	32.1		24.3	25.9	15.0		13.9	13.9	0.000		0.000	0.000
09:30:00	29.4		24.9	25.7	14.6		13.2	13.3	0.000		0.000	0.000
09:45:00	30.7		25.2	27.1	14.5		13.3	13.2	0.000		0.000	0.000
10:00:00	31.2		23.7	27.9	14.2		13.1	11.9	0.000		0.000	0.000
10:15:00	31.5		25.8	27.8	14.1		13.0	13.0	0.000		0.000	0.000
10:30:00	30.9		26.2	30.1	13.1		12.8	12.6	0.000		0.000	0.000
10:45:00	30.2		25.2	28.7	12.6		12.0	12.0	0.000		0.000	0.000
11:00:00	29.5		24.9	30.1	12.1		11.9	11.5	0.000		0.000	0.000
11:15:00	26.9	30.7	23.9	31.1	11.0	12.0	11.3	10.7	0.013	0.249	0.000	0.008
11:30:00	26.9	23.0	22.6	24.2	11.0	10.0	10.4	9.9	0.017	0.011	0.000	0.009
11:45:00	25.9	21.8	21.7	21.0	10.6	9.8	9.0	9.8	0.005	0.000	0.000	0.007



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12:00:00	24.0	20.0	21.6	24.1	10.2	9.1	10.3	9.7	0.002	0.000	0.000	0.000
12:15:00	24.0	19.4	20.5	21.7	9.9	8.9	9.6	9.3	0.000	0.001	0.000	0.000
12:30:00	23.7	19.0	20.1	20.7	9.9	8.8	9.2	9.2	0.000	0.005	0.000	0.000
12:45:00	21.8	17.4	19.2	20.1	9.2	8.2	8.9	8.7	0.000	0.000	0.000	0.000
13:00:00	20.3	16.4	18.2	19.8	8.8	7.7	8.8	8.4	0.000	0.000	0.000	0.000
13:15:00	21.3	16.3	17.7	19.2	9.0	7.7	8.5	8.3	0.000	0.000	0.000	0.000
13:30:00	37.1	16.1	17.4	19.2	10.6	7.8	8.7	8.3	0.000	0.000	0.000	0.000
13:45:00	53.0	15.5	17.3	18.3	12.8	7.5	8.3	8.0	0.000	0.000	0.000	0.000
14:00:00	16.8	14.4	17.3	17.2	7.3	6.9	7.6	7.3	0.000	0.000	0.000	0.000
14:15:00	25.2	14.4	14.8	21.2	8.3	6.9	8.3	6.7	0.000	0.000	0.000	0.000
14:30:00	16.3	14.1	14.5	15.7	7.0	6.8	7.0	6.6	0.000	0.000	0.000	0.000
14:45:00	23.9	13.7	14.2	15.5	8.0	6.5	6.9	6.5	0.000	0.000	0.000	0.000
15:00:00	24.9	13.6	13.7	15.2	8.0	6.5	6.8	6.5	0.000	0.000	0.000	0.000
15:15:00	16.5	13.2	14.7	15.4	7.0	6.4	7.1	6.8	0.000	0.000	0.000	0.000
15:30:00	46.2	13.5	16.7	16.3	10.8	6.5	7.3	7.1	0.000	0.000	0.000	0.000
15:45:00	17.1	14.5	15.3	15.8	7.3	6.8	7.2	6.8	0.000	0.000	0.000	0.000
16:00:00	17.3	14.2	16.5	15.6	7.4	6.8	7.0	7.0	0.000	0.000	0.000	0.000
16:15:00	17.0	14.3	17.1	17.6	7.2	6.8	7.5	7.2	0.000	0.000	0.000	0.000
16:30:00	25.9	15.1	15.3	19.3	8.6	7.1	7.9	7.1	0.000	0.000	0.000	0.000
16:45:00	28.6	15.5	22.0	17.1	8.6	7.2	7.6	7.8	0.000	0.000	0.000	0.000
17:00:00	16.7	15.2	19.1	16.1	7.3	7.3	7.4	7.2	0.000	0.000	0.000	0.000
17:15:00	15.7	15.3	15.4	15.6	7.2	7.9	7.3	6.7	0.000	0.005	0.000	0.002
17:30:00	16.3	15.2	41.7	15.5	7.6	8.1	7.2	10.0	0.000	0.008	0.000	0.003
17:45:00	61.7	16.8	36.0	17.0	13.1	9.5	7.5	9.9	0.000	0.002	0.000	0.005
18:00:00	19.5	18.4	27.6	54.8	7.9	10.5	14.0	8.3	0.000	0.003	0.000	0.005
18:15:00	15.9	19.0	18.1	59.9	7.4	10.3	13.9	6.9	0.004	0.006	0.000	0.004
18:30:00	24.9	18.2	18.7	56.5	8.7	9.8	14.4	6.9	0.007	0.005	0.005	0.004
18:45:00	33.0	17.2	17.3	47.8	10.2	9.5	12.4	6.9	0.006	0.003	0.008	0.001
19:00:00	18.6	21.2	13.5	82.5	8.7	12.3	18.5	6.4	0.005	0.003	0.008	0.000
19:15:00	25.8	20.0	74.3	100.1	13.1	10.0	22.0	14.0	0.001	0.000	0.008	0.000
19:30:00	30.6	22.8	41.5	45.7	14.8	9.0	14.6	10.3	0.000	0.000	0.007	0.000
19:45:00	30.4	17.2	22.4	43.5	14.8	9.2	14.4	8.4	0.000	0.000	0.007	0.000
20:00:00	25.0	17.5	16.1	85.5	12.1	10.2	19.9	7.7	0.000	0.000	0.006	0.000
20:15:00	26.5	17.6	25.5	77.3	13.5	10.1	19.7	9.2	0.000	0.000	0.006	0.000
20:30:00	27.3	16.3	26.6	53.4	13.3	8.8	17.4	9.2	0.000	0.000	0.005	0.000
20:45:00	25.8	15.0	19.7	48.6	12.6	8.3	17.2	8.9	0.000	0.000	0.003	0.000
21:00:00	22.5	15.1	16.6	56.9	11.7	8.2	17.6	8.5	0.000	0.000	0.003	0.000
21:15:00	21.7	16.5	14.4	44.5	11.2	8.8	15.7	7.4	0.000	0.000	0.000	0.000
21:30:00	17.9	17.1	13.5	32.5	9.6	9.2	12.8	7.2	0.000	0.000	0.000	0.000
21:45:00	100.2	16.3	34.3	26.2	22.6	9.2	11.4	10.6	0.000	0.000	0.000	0.000
22:00:00	76.4	16.8	31.1	28.9	19.5	9.5	13.9	9.5	0.000	0.000	0.000	0.000
22:15:00	35.4	16.1	51.5	33.9	14.9	9.3	17.1	14.7	0.000	0.000	0.000	0.000
22:30:00	32.9	15.9	56.9	27.1	15.1	9.2	14.7	17.3	0.000	0.000	0.000	0.000
22:45:00	28.3	15.6	41.8	25.1	13.3	9.1	12.7	14.2	0.000	0.000	0.000	0.000
23:00:00	24.2	15.6	25.1	30.9	11.7	9.1	13.1	10.5	0.000	0.000	0.000	0.000
23:15:00	24.7	15.7	33.5	29.6	12.0	9.1	13.6	11.6	0.000	0.000	0.000	0.000
23:30:00	20.0	15.2	24.1	28.5	10.6	9.0	12.2	10.0	0.000	0.000	0.000	0.000
23:45:00	18.2	15.4	20.5	26.2	9.8	9.0	11.5	9.1	0.000	0.000	0.000	0.000



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