



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-02

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1000 Max : 13.82	2943 ESE	2693 SSW	2996 SSW	2997 S	Min : 61.16 Max : 82.58	Min : 65.60 Max : 93.20	Min : 29.76 Max : 30.05

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)
2693	14.7	24.4	8.6	12.7	0.000	0.001
2943	15.4	30.0	7.9	15.3	-0.012	0.046
2996	14.4	29.0	7.4	14.1	0.000	0.003
2997	13.9	27.6	7.0	13.7	0.008	0.039

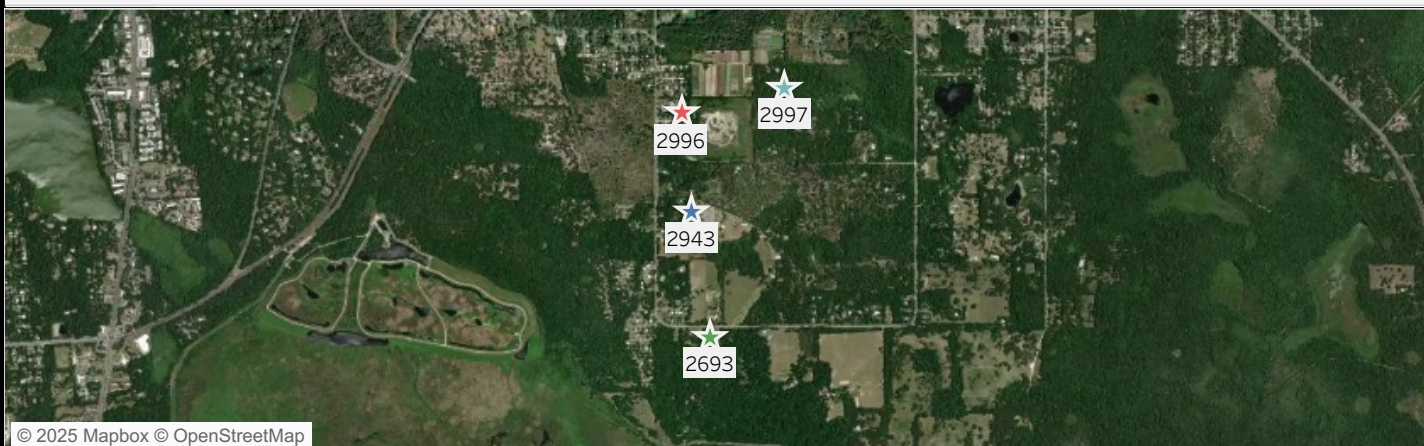


Figure 1 : Monitoring Locations

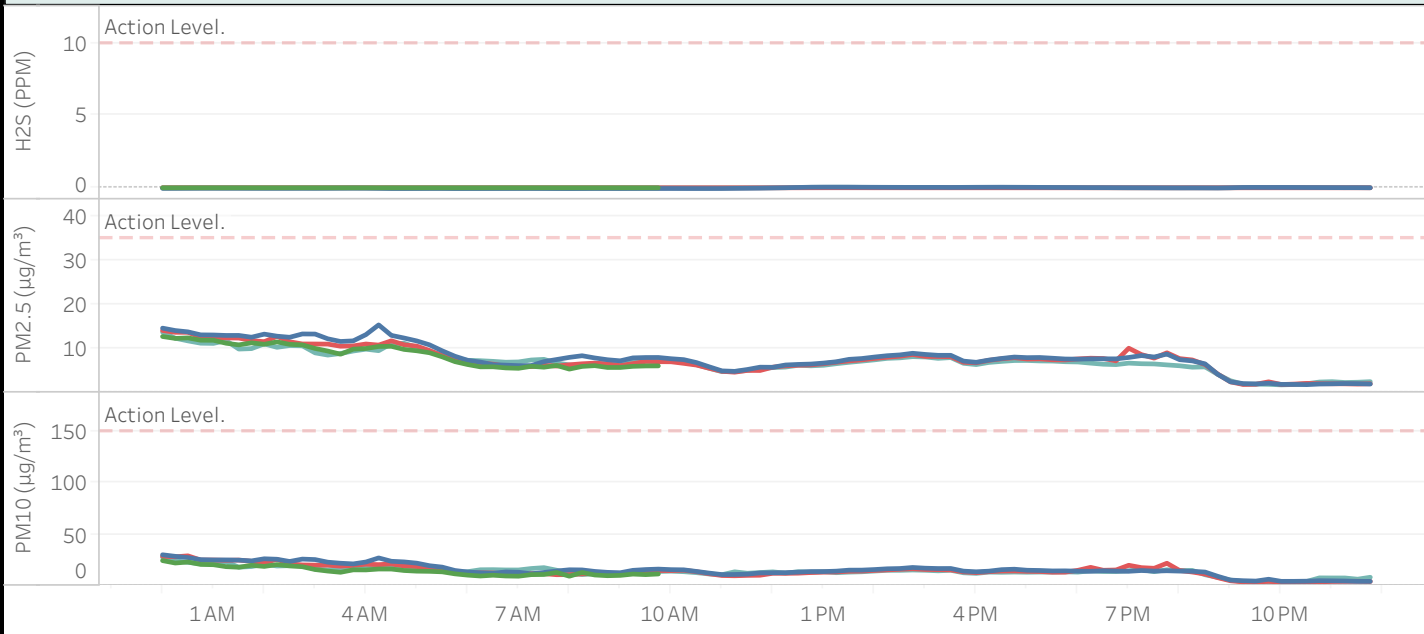


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

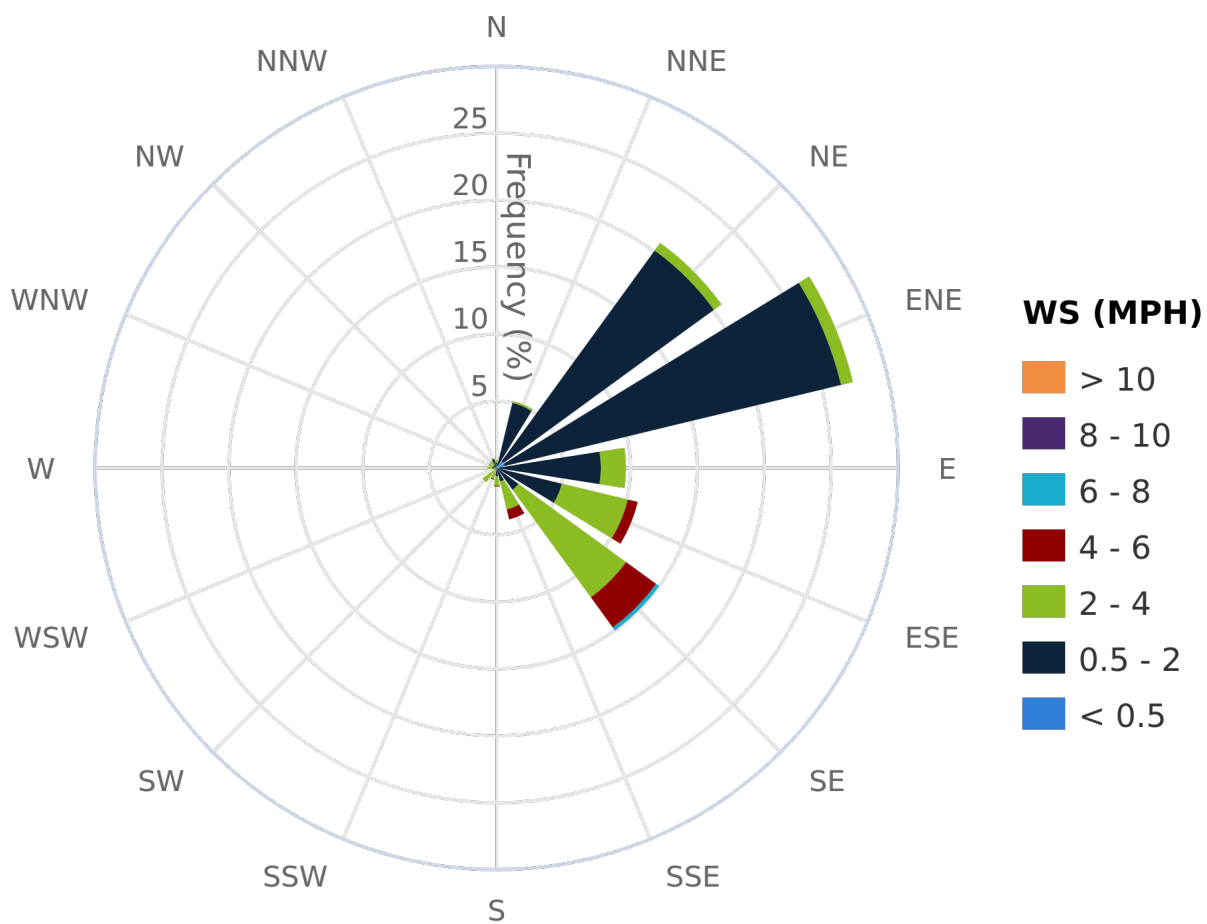


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2025-12-01

Wind Rose Chart 2693

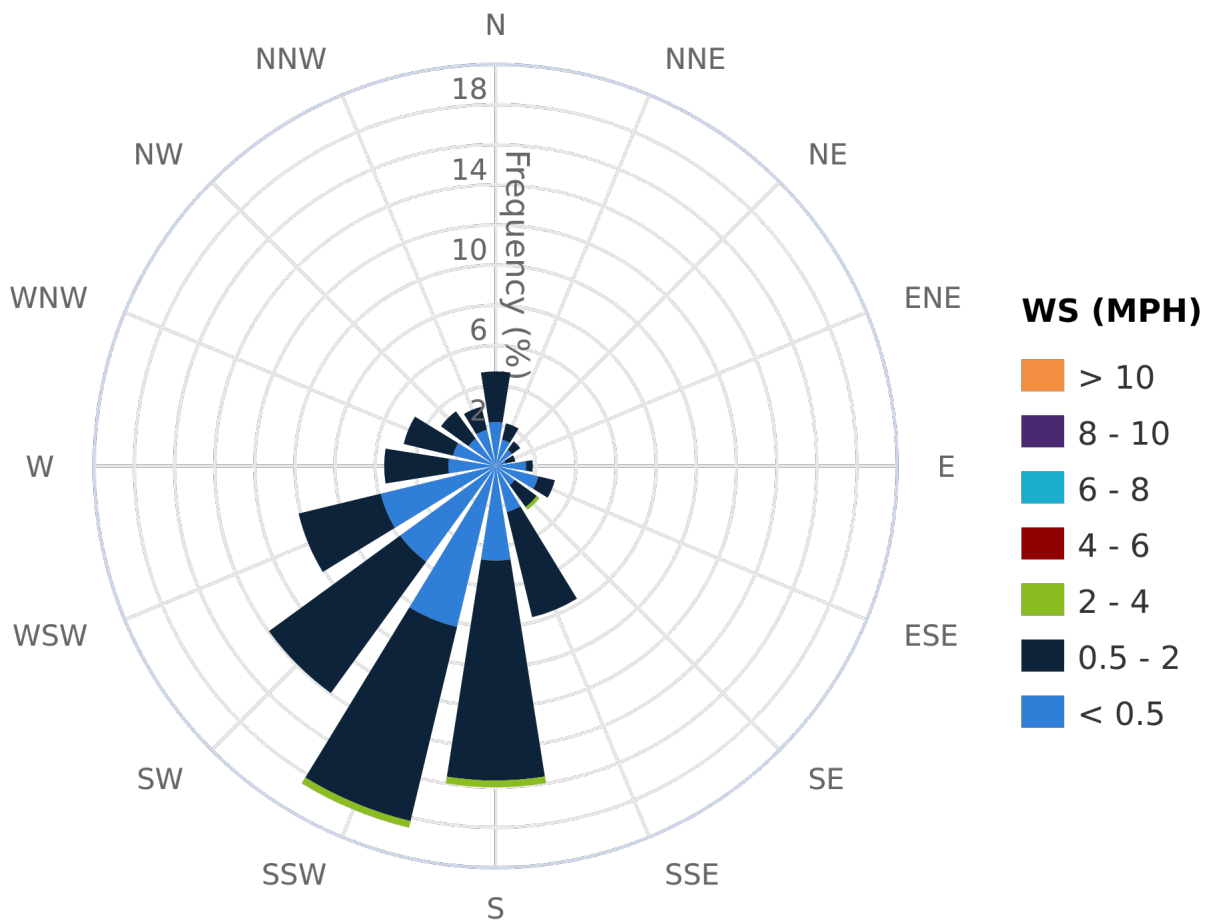


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2025-12-02

Wind Rose Chart 2996

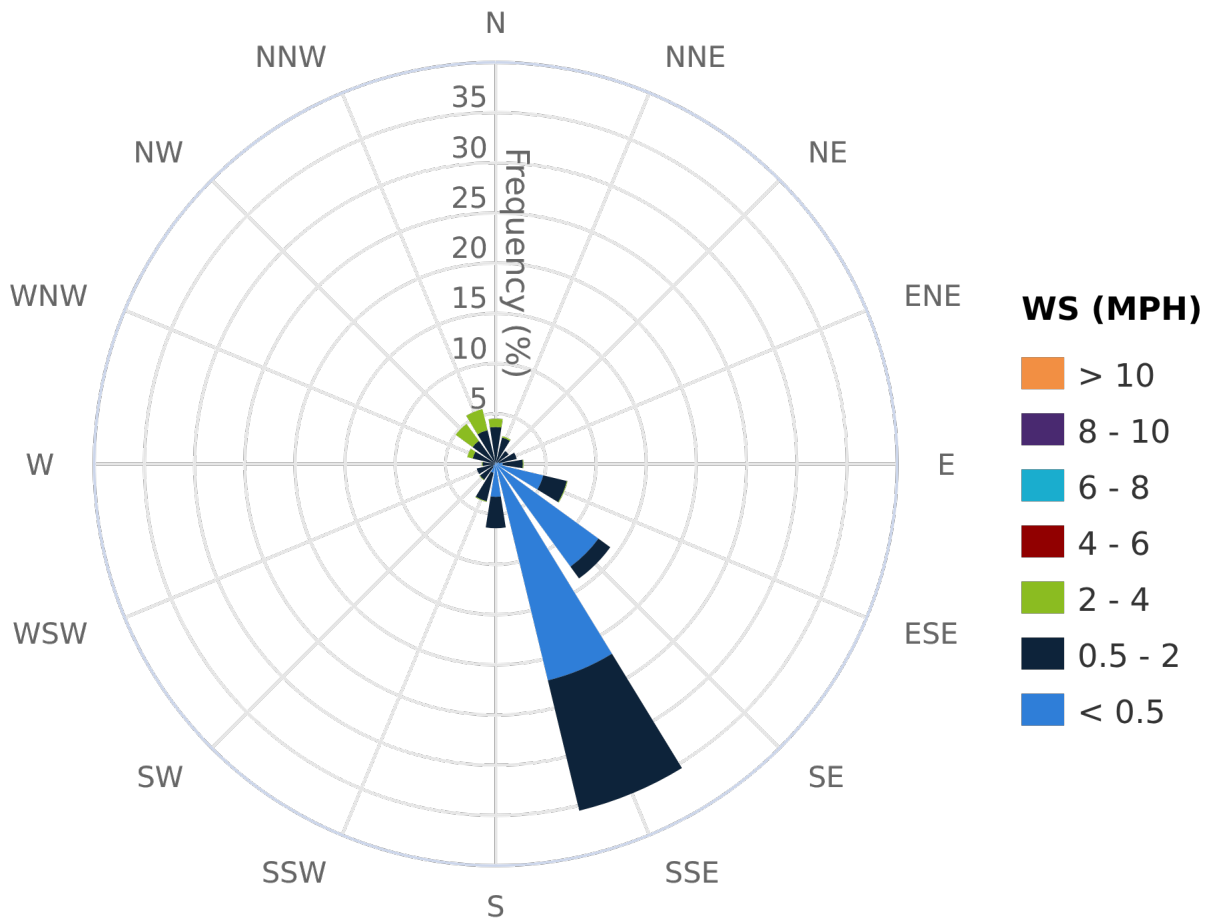


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

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Wind Rose Chart 2997

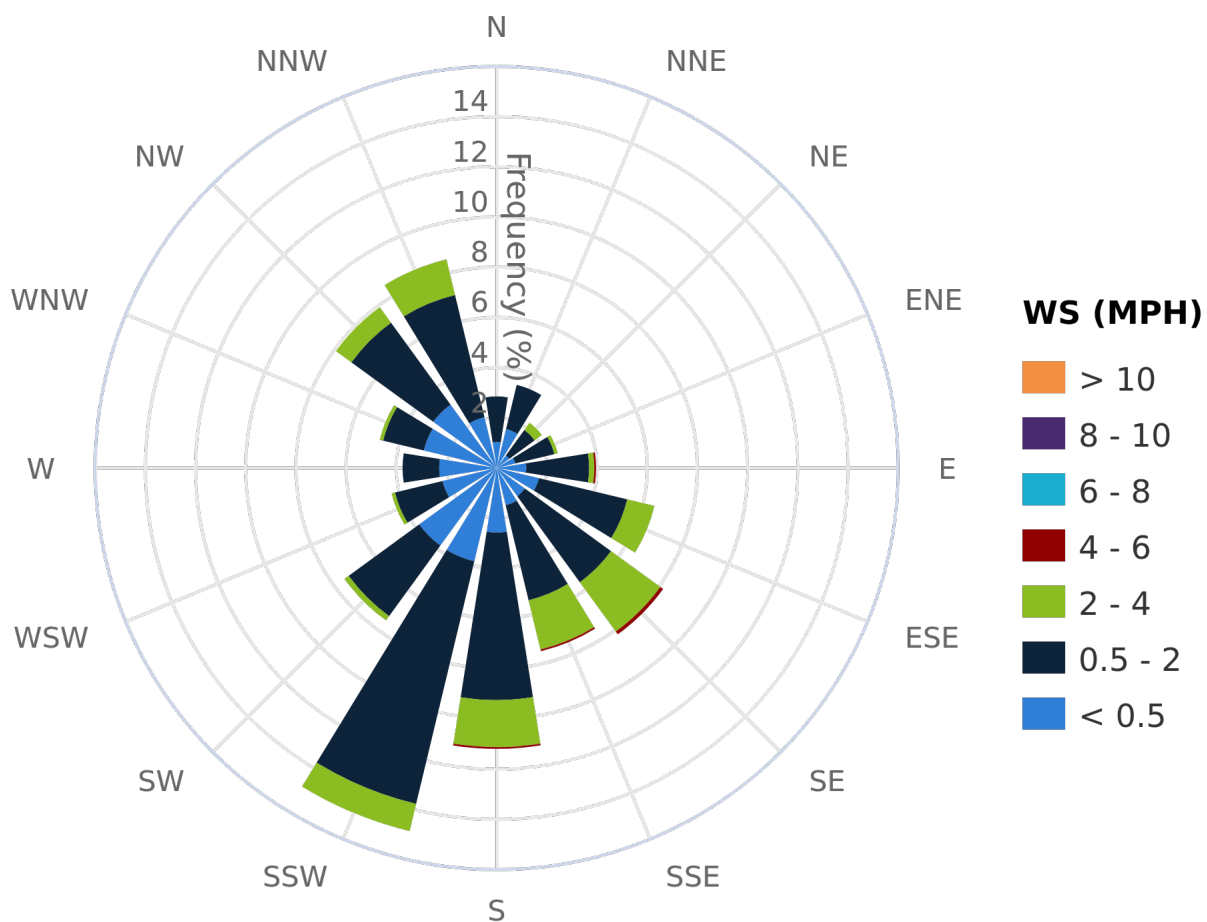


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	30.0	24.4	27.6	28.6	14.6	12.7	14.1	13.7	-0.040	0.000	0.000	0.000
00:15:00	28.5	22.0	24.2	28.1	14.0	12.3	13.6	12.3	-0.038	0.000	0.000	0.000
00:30:00	27.3	23.0	22.6	29.0	13.7	12.4	13.6	11.7	-0.035	0.000	0.000	0.000
00:45:00	25.3	20.7	21.3	24.9	13.1	11.9	12.5	11.2	-0.032	0.001	0.000	0.000
01:00:00	25.0	20.4	21.2	24.9	13.0	11.8	12.4	11.1	-0.032	0.001	0.000	0.000
01:15:00	25.0	18.5	23.1	24.6	12.9	11.2	12.4	11.8	-0.033	0.000	0.000	0.000
01:30:00	24.8	17.9	18.0	24.9	12.9	10.8	12.3	9.8	-0.033	0.000	0.000	0.000
01:45:00	24.1	19.8	18.6	23.7	12.5	11.2	11.8	10.0	-0.037	0.000	0.000	0.000
02:00:00	26.1	18.7	20.9	22.4	13.2	10.9	11.5	11.0	-0.038	0.000	0.000	0.000
02:15:00	25.7	20.5	19.1	25.6	12.8	11.5	12.7	10.2	-0.038	0.000	0.000	0.000
02:30:00	23.5	19.2	19.5	21.2	12.5	10.9	11.5	10.6	-0.038	0.000	0.000	0.000
02:45:00	25.8	18.5	19.5	20.2	13.3	10.8	11.0	10.6	-0.036	0.001	0.000	0.000
03:00:00	25.4	15.7	16.2	20.0	13.2	10.0	11.0	9.0	-0.037	0.000	0.000	0.000
03:15:00	22.8	14.2	15.4	19.9	12.2	9.4	11.0	8.5	-0.034	0.000	0.000	0.000
03:30:00	21.8	13.1	16.6	19.0	11.6	8.7	10.5	8.8	-0.030	0.000	0.000	0.000
03:45:00	21.2	15.4	17.5	19.8	11.7	9.8	10.6	9.4	-0.028	0.000	0.000	0.000
04:00:00	23.0	15.4	18.2	20.9	13.1	10.0	11.0	9.8	-0.030	0.000	0.000	0.000
04:15:00	27.0	16.2	17.0	20.5	15.3	10.4	10.7	9.5	-0.040	0.000	0.000	0.000
04:30:00	23.7	16.2	19.1	21.1	12.9	10.5	11.7	11.1	-0.051	0.001	0.000	0.000
04:45:00	23.1	14.8	18.8	19.3	12.3	9.8	10.8	11.2	-0.052	0.000	0.000	0.000
05:00:00	21.9	14.2	16.9	18.6	11.7	9.5	10.5	10.2	-0.050	-0.001	0.000	0.000
05:15:00	19.4	14.0	15.8	16.9	10.8	9.0	9.5	9.2	-0.048	0.000	0.000	0.000
05:30:00	18.1	13.5	14.7	15.8	9.4	8.1	8.4	8.6	-0.048	0.000	0.000	0.000
05:45:00	14.8	11.5	13.2	13.2	8.2	7.0	7.3	7.6	-0.054	0.000	0.000	0.000
06:00:00	13.3	10.3	13.7	12.4	7.3	6.3	6.9	7.3	-0.053	0.000	0.000	0.000
06:15:00	12.6	9.5	15.5	12.5	6.9	5.8	6.7	7.2	-0.052	0.000	0.000	0.000
06:30:00	12.1	10.2	15.6	12.3	6.3	5.8	6.4	7.1	-0.052	0.001	0.000	0.000
06:45:00	13.4	9.5	15.3	11.4	6.2	5.6	6.0	6.9	-0.050	0.001	0.000	0.000
07:00:00	13.1	9.3	15.3	11.3	6.1	5.5	5.9	6.9	-0.048	0.000	0.000	0.000
07:15:00	11.6	10.8	16.7	11.9	6.1	6.0	5.9	7.4	-0.049	0.001	0.000	0.000
07:30:00	12.9	10.9	17.6	11.7	7.0	5.8	6.2	7.5	-0.051	0.001	0.000	0.000
07:45:00	14.3	12.9	15.1	10.7	7.5	6.1	6.0	6.7	-0.054	0.000	0.000	0.000
08:00:00	15.5	9.3	12.2	10.8	8.0	5.3	6.3	6.3	-0.055	0.000	0.000	0.000
08:15:00	15.3	12.9	10.8	11.5	8.3	5.9	6.5	6.1	-0.053	-0.001	0.000	0.000
08:30:00	13.9	10.4	11.7	11.8	7.8	6.1	6.7	6.5	-0.049	0.000	0.000	0.000
08:45:00	13.0	9.7	11.4	11.3	7.4	5.7	6.5	6.6	-0.050	0.001	0.000	0.000
09:00:00	12.6	10.1	11.2	11.0	7.2	5.7	6.1	6.5	-0.052	0.001	0.000	0.000
09:15:00	14.9	11.3	12.5	12.5	7.9	5.9	6.6	7.0	-0.050	0.000	0.000	0.000
09:30:00	15.7	10.8	13.2	14.1	7.9	6.0	7.0	7.2	-0.049	0.000	0.000	0.000
09:45:00	16.1	11.4	13.8	14.7	7.9	6.0	7.0	7.2	-0.049	0.000	0.000	0.000
10:00:00	15.6		14.1	14.7	7.7		7.0	7.1	-0.048		0.000	0.000
10:15:00	15.4		13.6	15.0	7.5		6.6	6.9	-0.051		0.000	0.000
10:30:00	13.9		12.7	13.6	6.8		6.2	6.3	-0.052		0.000	0.000
10:45:00	12.3		11.4	11.6	5.8		5.5	5.5	-0.051		0.000	0.000
11:00:00	10.8		10.7	9.9	4.9		4.8	4.7	-0.050		0.000	0.000
11:15:00	10.9		13.5	9.7	4.8		4.6	4.8	-0.041		0.000	0.000
11:30:00	11.3		12.1	10.1	5.2		5.0	5.0	-0.032		0.000	0.000
11:45:00	12.4		12.8	10.2	5.8		5.0	5.5	-0.024		0.000	0.000



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12:00:00	12.6		13.5	12.1	5.7		5.8	5.7	-0.008		0.000	0.000
12:15:00	12.7		12.2	12.0	6.2		6.1	5.8	0.006		0.000	0.003
12:30:00	13.2		13.6	12.2	6.4		6.2	6.2	0.024		0.000	0.017
12:45:00	13.8		13.1	12.8	6.5		6.3	6.1	0.041		0.002	0.032
13:00:00	13.8		13.6	13.2	6.7		6.5	6.2	0.046		0.002	0.037
13:15:00	14.2		12.7	13.4	7.0		6.9	6.5	0.046		0.003	0.039
13:30:00	15.1		13.2	14.1	7.5		7.2	6.9	0.045		0.003	0.037
13:45:00	15.2		13.5	14.3	7.7		7.4	7.1	0.039		0.003	0.033
14:00:00	15.7		14.3	14.8	8.0		7.7	7.4	0.037		0.001	0.029
14:15:00	16.4		14.9	15.4	8.3		8.0	7.7	0.033		0.001	0.026
14:30:00	16.7		14.9	16.0	8.5		8.2	7.9	0.031		0.001	0.026
14:45:00	17.7		15.3	16.5	8.9		8.6	8.1	0.028		0.000	0.023
15:00:00	17.0		15.0	15.8	8.6		8.2	8.1	0.029		0.000	0.021
15:15:00	16.7		14.5	15.6	8.4		8.2	7.7	0.030		0.000	0.021
15:30:00	16.7		15.0	15.4	8.4		8.1	7.9	0.024		0.000	0.019
15:45:00	14.2		12.6	13.4	7.1		6.9	6.6	0.031		0.000	0.020
16:00:00	13.5		12.0	12.7	6.9		6.8	6.3	0.036		0.000	0.023
16:15:00	14.2		13.2	13.6	7.4		7.3	6.8	0.039		0.000	0.020
16:30:00	15.6		13.0	14.3	7.7		7.6	7.1	0.041		0.000	0.021
16:45:00	16.0		13.3	14.4	8.0		7.9	7.3	0.037		0.000	0.020
17:00:00	15.0		13.1	14.0	7.9		7.6	7.3	0.034		0.000	0.018
17:15:00	14.8		13.3	13.8	7.9		7.6	7.2	0.029		0.000	0.016
17:30:00	14.4		13.2	13.1	7.8		7.4	7.1	0.024		0.000	0.015
17:45:00	14.4		13.5	13.2	7.6		7.4	7.0	0.021		0.000	0.011
18:00:00	14.1		13.2	15.0	7.6		7.6	6.9	0.018		0.000	0.009
18:15:00	14.0		14.5	17.8	7.6		7.8	6.7	0.013		0.000	0.007
18:30:00	14.6		13.8	15.0	7.6		7.7	6.4	0.012		0.000	0.004
18:45:00	14.2		13.8	15.3	7.6		7.2	6.3	0.007		0.000	0.003
19:00:00	14.0		14.6	19.9	8.0		10.0	6.7	0.004		0.000	0.000
19:15:00	14.8		15.5	17.6	8.4		8.6	6.5	0.002		0.000	0.000
19:30:00	14.2		13.7	16.9	8.1		7.8	6.5	-0.001		0.000	0.000
19:45:00	14.5		15.5	21.8	8.7		9.0	6.3	-0.004		0.000	0.000
20:00:00	14.2		14.8	14.8	7.5		7.7	6.1	-0.006		0.000	0.000
20:15:00	14.0		14.9	13.3	7.2		7.4	5.7	-0.005		0.000	0.000
20:30:00	13.3		10.7	11.4	6.5		6.3	5.8	-0.008		0.000	0.000
20:45:00	9.2		8.1	7.8	4.1		4.2	4.1	-0.012		0.000	0.000
21:00:00	5.5		5.6	4.8	2.4		2.4	2.7	0.004		0.000	0.001
21:15:00	4.9		4.0	3.7	2.0		1.8	1.9	0.024		0.000	0.016
21:30:00	4.6		3.9	3.6	2.0		1.9	1.9	0.027		0.000	0.023
21:45:00	6.3		3.7	4.3	2.1		2.4	1.9	0.024		0.000	0.024
22:00:00	4.3		3.5	3.5	1.9		1.8	1.8	0.025		0.000	0.021
22:15:00	4.3		3.8	3.7	1.9		1.9	1.8	0.023		0.000	0.019
22:30:00	4.5		4.2	3.9	1.8		2.1	2.0	0.019		0.000	0.017
22:45:00	4.9		7.6	3.9	1.9		2.0	2.4	0.016		0.000	0.013
23:00:00	4.8		7.6	4.1	2.0		2.0	2.5	0.012		0.000	0.012
23:15:00	4.6		7.6	4.2	2.1		2.0	2.3	0.009		0.000	0.010
23:30:00	4.3		6.4	4.4	2.0		1.9	2.4	0.008		0.000	0.014
23:45:00	4.3		8.2	4.2	1.9		2.0	2.5	0.002		0.000	0.009



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