



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-26

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.08900 Max : 9.686	2943 ESE	2693 NNE	2996 ESE	2997 SW	Min : 60.98 Max : 82.58	Min : 64.00 Max : 95.10	Min : 29.96 Max : 30.26

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	12.4	14.5	6.5	8.1	0.000	0.001
2943	16.1	32.0	6.9	9.9	-0.030	0.031
2996	14.4	20.3	6.7	8.9	0.000	0.000
2997	14.8	24.8	6.7	10.4	0.004	0.022



Figure 1 : Monitoring Locations

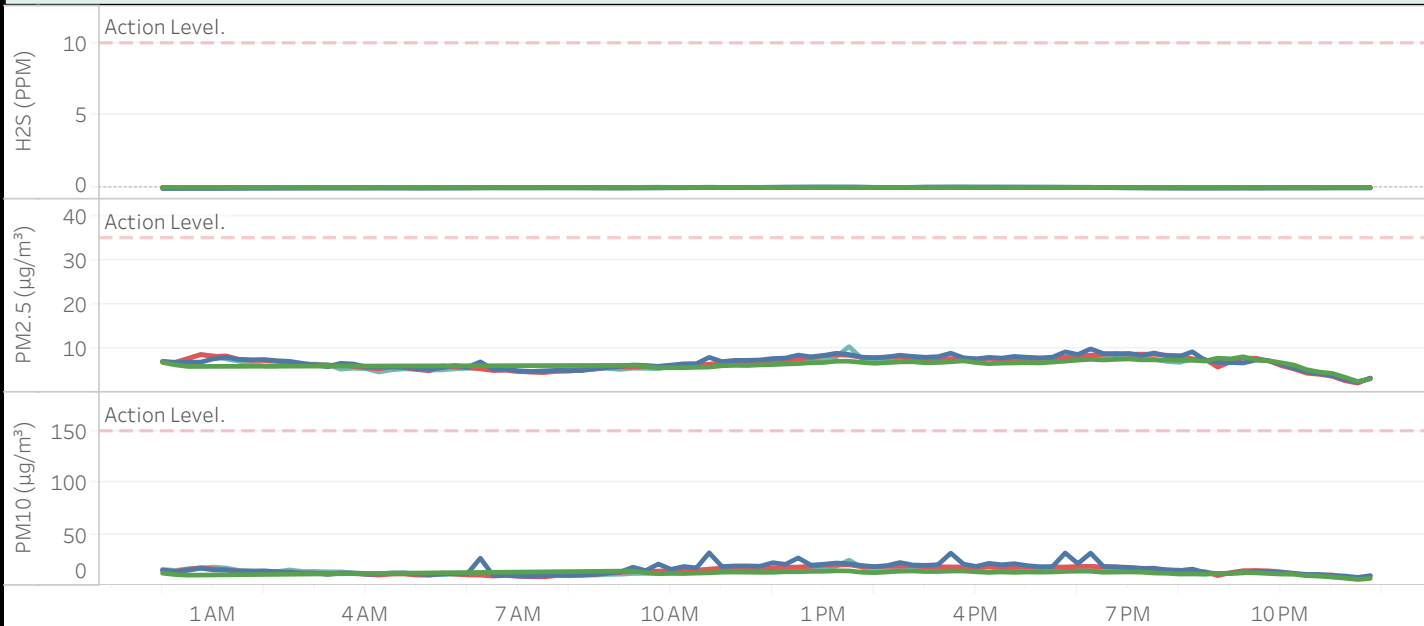


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

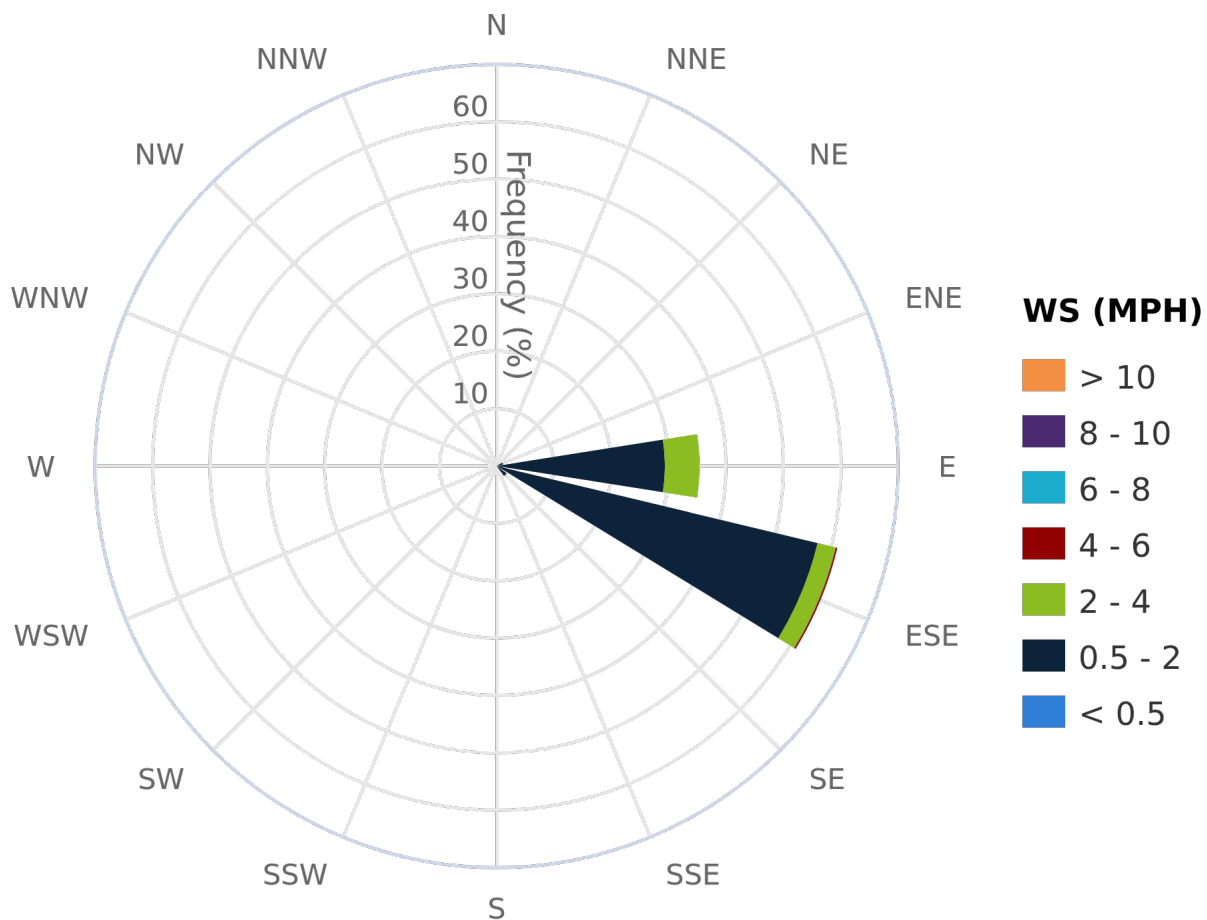


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

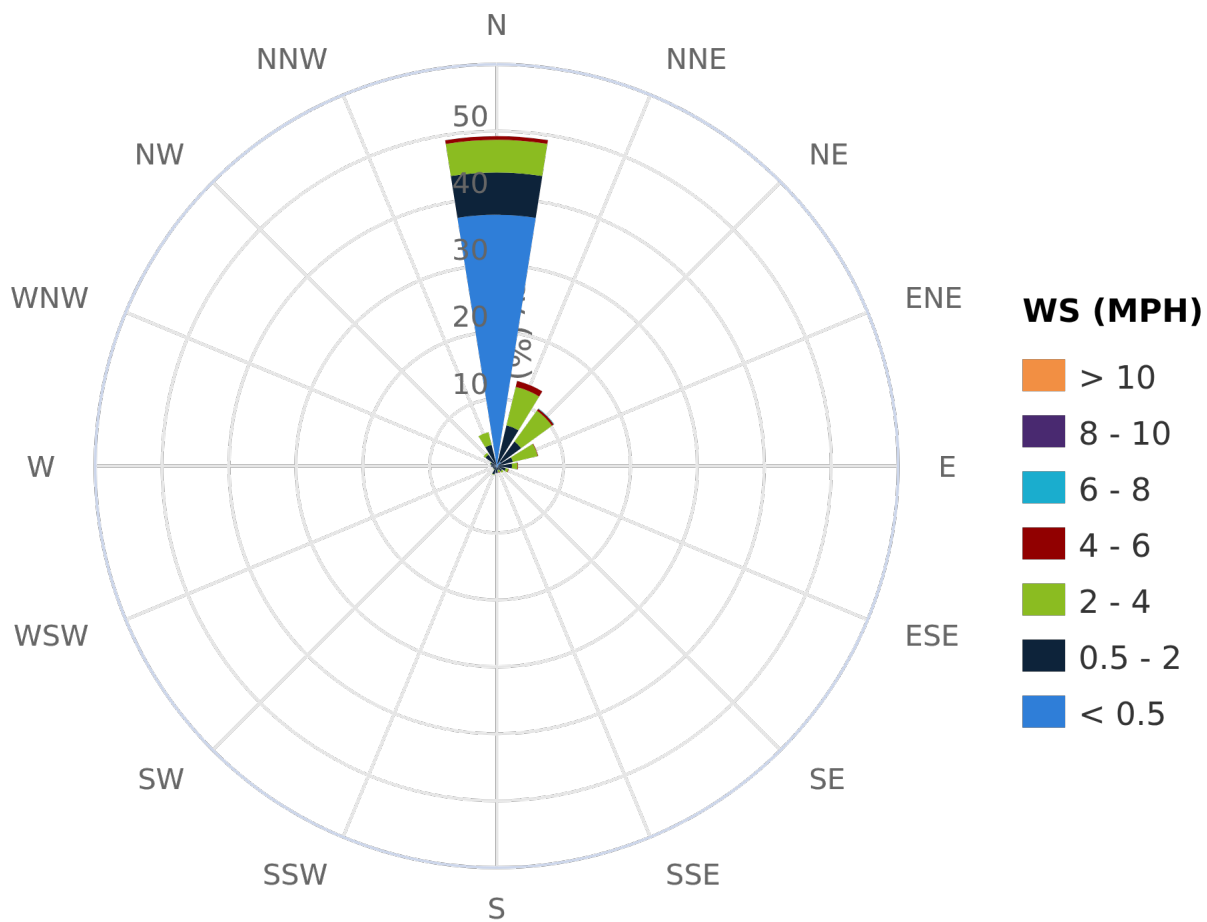


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

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Wind Rose Chart 2996

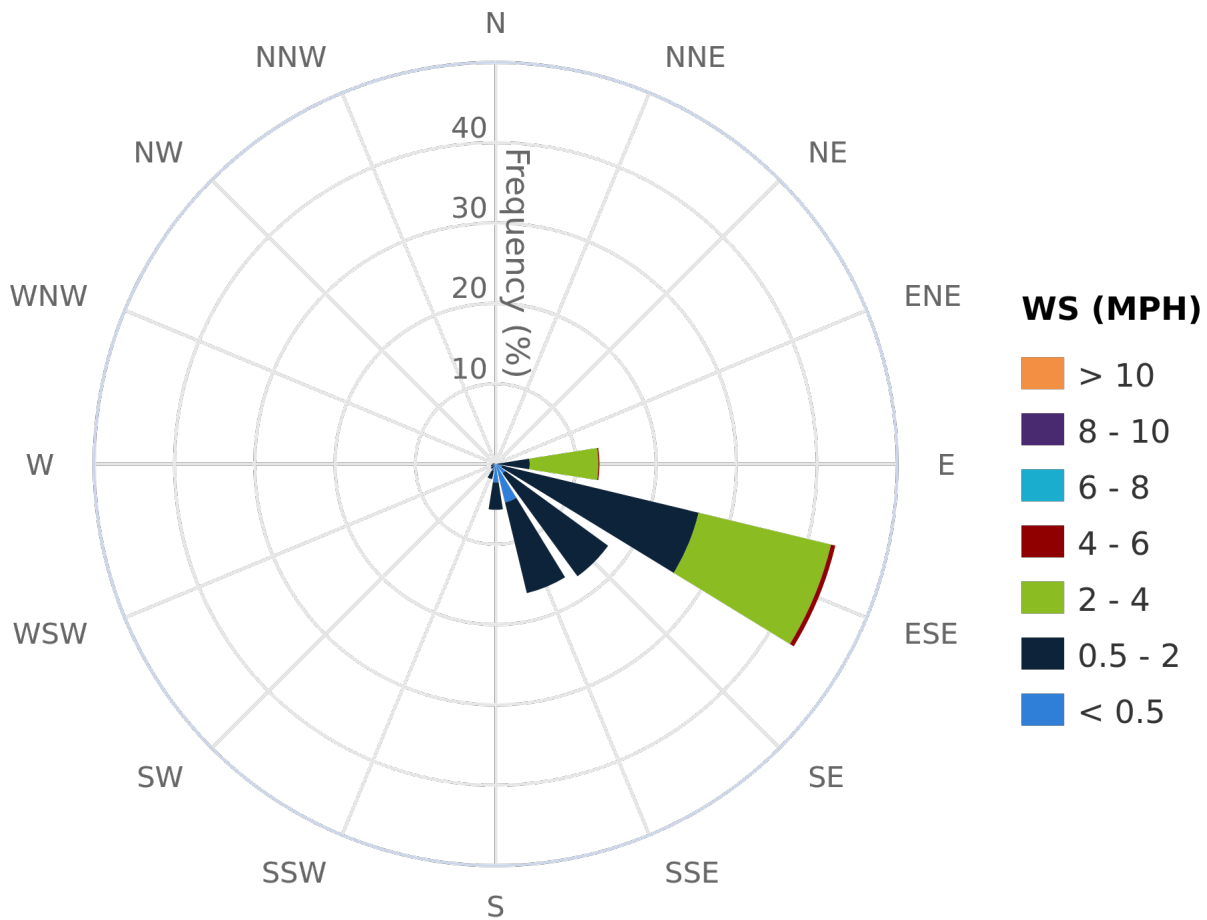


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2025-10-25

Wind Rose Chart 2997

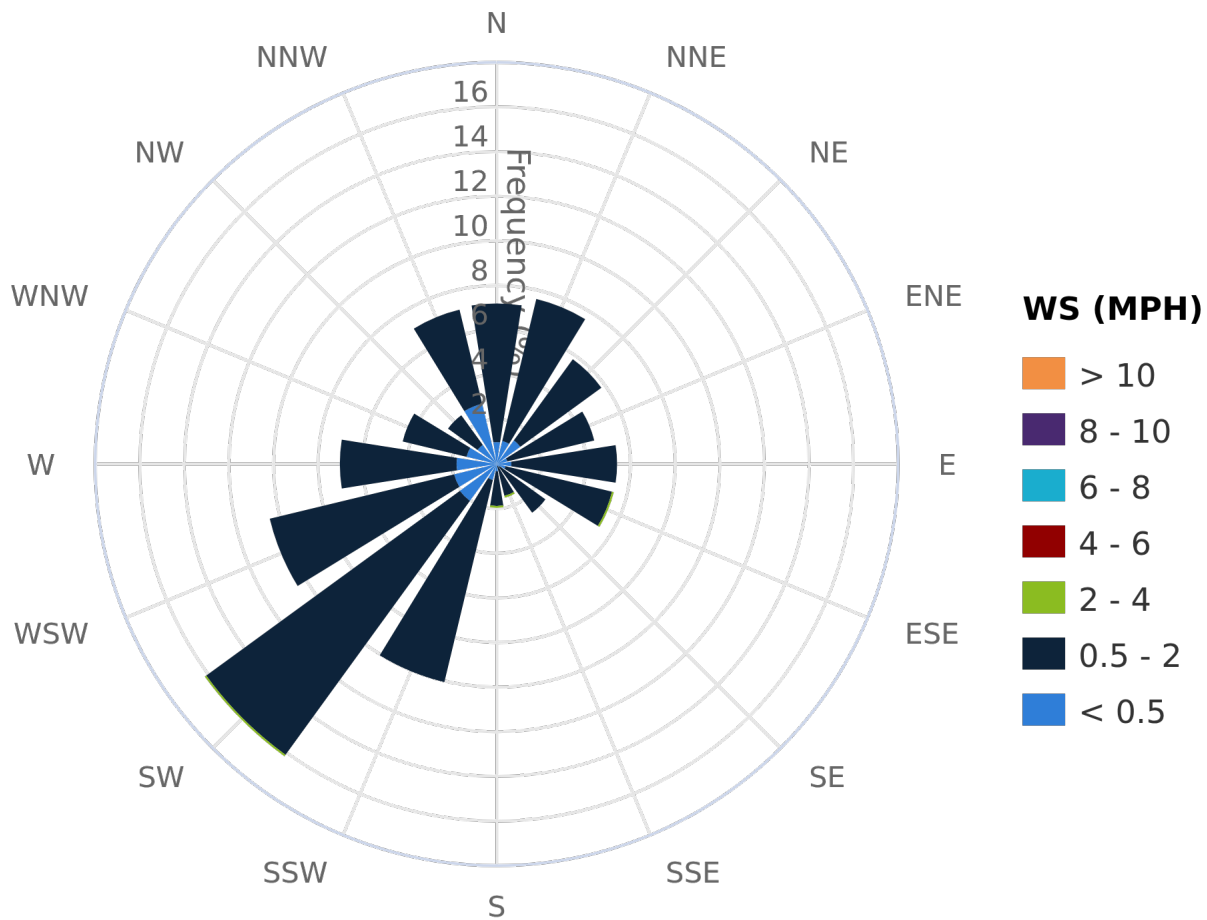


Figure 3 : Wind Rose Chart (WS in MPH)



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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	15.2	12.2	15.9	14.8	7.0	6.8	7.0	7.0	-0.083	0.000	0.000	0.000
00:15:00	13.8	10.9	14.8	13.9	6.8	6.3	6.9	6.6	-0.079	0.000	0.000	0.000
00:30:00	14.9	10.2	16.5	16.0	6.9	5.9	7.7	7.7	-0.077	0.000	0.000	0.000
00:45:00	17.0		17.3	17.4	6.9		8.6	8.6	-0.078		0.000	0.000
01:00:00	15.4		18.1	16.2	7.6		8.2	8.3	-0.077		0.000	0.000
01:15:00	15.0		17.2	15.7	8.0		8.3	7.6	-0.075		0.000	0.000
01:30:00	14.3		14.9	14.0	7.5		7.5	7.1	-0.072		0.000	0.000
01:45:00	14.3		14.1	13.7	7.4		7.3	6.5	-0.066		0.000	0.000
02:00:00	14.5		13.3	14.0	7.5		7.2	6.0	-0.065		0.000	0.000
02:15:00	13.6		13.7	13.6	7.2		7.1	6.0	-0.063		0.000	0.000
02:30:00	13.2		15.4	12.2	7.1		6.4	6.7	-0.061		0.000	0.000
02:45:00	12.3		13.9	12.1	6.6		6.4	6.2	-0.060		0.000	0.000
03:00:00	12.2		13.9	12.1	6.3		6.3	6.5	-0.059		0.000	0.000
03:15:00	10.9		13.5	11.9	5.8		6.2	6.4	-0.055		0.000	0.000
03:30:00	12.2		13.5	12.1	6.6		6.3	5.3	-0.056		0.000	0.000
03:45:00	12.3		12.5	11.7	6.5		5.9	5.5	-0.056		0.000	0.000
04:00:00	11.2		12.0	11.1	5.8		5.6	5.4	-0.057		0.000	0.000
04:15:00	11.4		11.7	10.3	5.8		5.4	4.7	-0.053		0.000	0.000
04:30:00	12.4		11.6	11.3	5.8		5.8	5.1	-0.056		0.000	0.000
04:45:00	12.5		12.1	11.4	5.7		5.7	5.4	-0.055		0.000	0.000
05:00:00	11.4		10.9	10.4	5.5		5.2	5.3	-0.062		0.000	0.000
05:15:00	10.8		10.4	10.3	5.3		4.9	5.1	-0.059		0.000	0.000
05:30:00	11.4		10.9	12.5	5.6		6.1	5.1	-0.057		0.000	0.000
05:45:00	12.1		11.3	11.2	6.1		5.8	5.4	-0.054		0.000	0.000
06:00:00	12.1		10.6	10.5	5.8		5.6	5.5	-0.050		0.000	0.000
06:15:00	26.7		11.0	10.3	7.0		5.4	5.7	-0.042		0.000	0.000
06:30:00	9.9		10.9	9.4	5.2		5.0	5.1	-0.037		0.000	0.000
06:45:00	10.2		11.1	10.0	5.3		5.1	5.1	-0.040		0.000	0.000
07:00:00	9.4		10.3	9.2	4.9		4.8	4.7	-0.040		0.000	0.000
07:15:00	9.3		9.5	8.7	4.8		4.6	4.8	-0.040		0.000	0.000
07:30:00	9.6		10.0	8.6	4.9		4.5	4.9	-0.038		0.000	0.000
07:45:00	10.5		10.6	9.8	5.1		4.8	4.8	-0.038		0.000	0.000
08:00:00	10.7		9.6	9.8	5.0		4.9	5.0	-0.041		0.000	0.000
08:15:00	10.4		10.2	10.4	5.0		5.1	5.3	-0.043		0.000	0.000
08:30:00	11.0		10.3	11.0	5.4		5.3	5.4	-0.046		0.000	0.000
08:45:00	12.4		11.0	12.1	5.7		5.7	5.5	-0.053		0.000	0.000
09:00:00	13.3		11.2	13.1	6.0		5.8	5.2	-0.052		0.000	0.000
09:15:00	18.0	14.3	11.9	13.7	6.3	6.2	5.8	5.5	-0.047	0.000	0.000	0.000
09:30:00	14.7	12.6		14.0	6.1	5.9	5.9		-0.043	0.000	0.000	
09:45:00	21.1	11.7	12.2	14.2	5.9	5.6	5.9	5.4	-0.038	0.000	0.000	0.014
10:00:00	15.9	11.9	13.5	14.7	6.2	5.6	6.1	5.8	-0.032	0.000	0.000	0.000
10:15:00	18.7	11.8	13.9	15.4	6.5	5.6	6.2	6.1	-0.026	0.000	0.000	0.000
10:30:00	17.3	12.2	13.7	15.2	6.6	5.7	6.2	6.1	-0.020	0.001	0.000	0.000
10:45:00	32.0	12.5	14.1	16.1	8.0	5.8	6.4	5.9	-0.012	0.001	0.000	0.019
11:00:00	18.6	13.2	16.4	17.1	7.0	6.1	6.8	6.7	-0.008	0.001	0.000	0.000
11:15:00	19.2	13.2	16.6	17.7	7.3	6.2	7.0	6.8	-0.004	0.001	0.000	0.001
11:30:00	19.2	13.2	15.6	17.5	7.3	6.1	7.1	6.6	0.007	0.000	0.000	0.000
11:45:00	18.9	13.0	16.6	16.7	7.4	6.3	6.8	7.0	0.006	0.000	0.000	0.000



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12:00:00	22.4	13.0	16.8	17.6	7.7	6.3	7.3	7.1	0.015	0.000	0.000	0.001
12:15:00	20.8	13.6	16.8	17.9	7.8	6.5	7.4	7.1	0.022	0.000	0.000	0.007
12:30:00	27.0	13.6	17.0	18.2	8.5	6.6	7.7	7.2	0.023	0.000	0.000	0.014
12:45:00	19.9	14.0	17.2	18.8	8.1	6.7	7.9	7.6	0.027	0.000	0.000	0.019
13:00:00	20.9	14.0	17.4	19.8	8.4	6.8	8.4	7.8	0.029	0.000	0.000	0.020
13:15:00	22.0	14.5	18.9	20.0	8.9	7.1	8.5	8.1	0.026	0.001	0.000	0.018
13:30:00	21.4	14.4	24.8	20.3	8.6	7.1	8.4	10.4	0.026	0.000	0.000	0.021
13:45:00	19.6	13.1	17.8	18.4	8.0	6.8	8.0	7.7	0.016	0.000	0.000	0.022
14:00:00	18.5	12.7	16.0	18.5	7.9	6.6	7.9	7.1	-0.005	0.000	0.000	0.009
14:15:00	19.6	13.4	16.0	18.9	8.1	6.8	8.0	7.3	-0.015	0.000	0.000	0.000
14:30:00	22.5	14.1	18.2	19.1	8.5	6.9	8.0	8.0	-0.010	0.000	0.000	0.000
14:45:00	20.1	14.3	17.8	19.3	8.2	7.0	7.9	7.5	0.007	0.000	0.000	0.005
15:00:00	19.8	13.8	17.5	18.4	8.0	6.7	7.7	7.4	0.024	0.000	0.000	0.012
15:15:00	20.4	13.8	17.4	18.4	8.1	6.8	7.7	7.6	0.025	0.000	0.000	0.014
15:30:00	31.6	14.2	17.0	18.3	8.9	7.0	7.7	7.5	0.031	0.001	0.000	0.014
15:45:00	21.0	14.3	17.3	18.2	7.9	7.2	7.8	7.4	0.030	0.000	0.000	0.018
16:00:00	18.7	13.5	16.8	17.7	7.6	6.8	7.6	7.2	0.024	0.000	0.000	0.018
16:15:00	21.7	12.9	18.4	18.2	8.0	6.5	7.7	7.6	0.026	-0.001	0.000	0.012
16:30:00	20.4	13.4	16.3	17.8	7.8	6.7	7.6	7.2	0.025	-0.001	0.000	0.013
16:45:00	21.4	13.0	18.2	17.6	8.2	6.7	7.6	7.6	0.023	0.000	0.000	0.015
17:00:00	19.5	13.3	17.4	18.2	8.0	6.8	7.7	7.6	0.021	0.000	0.000	0.012
17:15:00	18.5	13.2	17.4	17.8	7.9	6.7	7.7	7.5	0.020	0.001	0.000	0.012
17:30:00	18.5	13.4	16.6	18.2	8.0	6.9	7.8	7.4	0.018	0.000	0.000	0.013
17:45:00	31.8	13.9	16.5	18.2	9.2	7.1	8.1	7.5	0.012	0.000	0.000	0.012
18:00:00	21.5	14.2	17.5	18.7	8.6	7.4	8.3	7.9	0.008	0.000	0.000	0.010
18:15:00	31.7	14.1	17.8	18.9	9.9	7.5	8.5	8.1	0.006	0.000	0.000	0.008
18:30:00	18.8	13.1	17.3	18.1	8.8	7.4	8.7	8.2	-0.010	0.000	0.000	0.002
18:45:00	18.3	13.3	15.7	18.3	8.7	7.5	8.9	7.9	-0.025	0.000	0.000	0.000
19:00:00	17.8	13.4	17.5	17.1	8.9	7.6	8.7	8.3	-0.038	0.000	0.000	0.000
19:15:00	16.8	13.2	17.1	16.8	8.4	7.4	8.7	8.1	-0.044	0.000	0.000	0.000
19:30:00	17.0	12.3	15.9	16.2	9.0	7.4	8.7	7.5	-0.052	0.000	0.000	0.000
19:45:00	15.4	12.1	14.3	15.4	8.3	7.4	8.5	7.1	-0.056	0.000	0.000	0.000
20:00:00	14.7	11.3	13.2	15.1	8.2	7.3	8.4	6.8	-0.059	0.000	0.000	0.000
20:15:00	16.2	11.4	14.7	13.3	9.2	7.3	7.6	7.6	-0.060	0.000	0.000	0.000
20:30:00	12.8	11.2		13.7	7.3	7.1	7.5		-0.060	0.000	0.000	
20:45:00	11.8	12.0		9.8	6.9	7.8	5.8		-0.060	0.000	0.000	
21:00:00	12.3	11.7		12.7	6.8	7.6	7.0		-0.058	0.000	0.000	
21:15:00	12.4	12.9		14.6	6.7	8.1	7.8		-0.056	0.000	0.000	
21:30:00	14.1	12.5		14.8	7.4	7.4	7.8		-0.058	0.001	0.000	
21:45:00	13.8	11.9		14.4	7.2	7.2	7.2		-0.055	0.000	0.000	
22:00:00	13.0	11.3		13.4	6.4	6.8	6.1		-0.052	0.001	0.000	
22:15:00	12.1	11.1		11.8	5.5	6.2	5.4		-0.050	0.000	0.000	
22:30:00	11.0	9.8		10.0	4.7	5.2	4.4		-0.051	0.000	0.000	
22:45:00	11.0	9.3		10.0	4.3	4.6	4.1		-0.048	0.000	0.000	
23:00:00	10.1	8.4		10.5	3.9	4.4	3.7		-0.043	0.000	0.000	
23:15:00	9.4	7.4		7.8	3.0	3.5	2.7		-0.040	0.000	0.000	
23:30:00	8.1	6.1		6.9	2.3	2.5	2.1		-0.040	0.000	0.000	
23:45:00	9.8	7.1		9.6	3.3	3.1	3.3		-0.040	0.000	0.000	



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