



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-18

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1570 Max : 8.075	2943 ESE	2693 NNE	2996 SE	2997 WSW	Min : 53.06 Max : 91.04	Min : 38.80 Max : 96.50	Min : 0 Max : 30.23

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	6.5	16.4	3.3	12.4	0.000	0.001
2943	13.6	101.7	3.9	13.8	-0.058	0.033
2996	8.6	18.9	3.5	7.6	0.001	0.013
2997	9.1	18.0	3.6	8.8	0.001	0.084



Figure 1 : Monitoring Locations

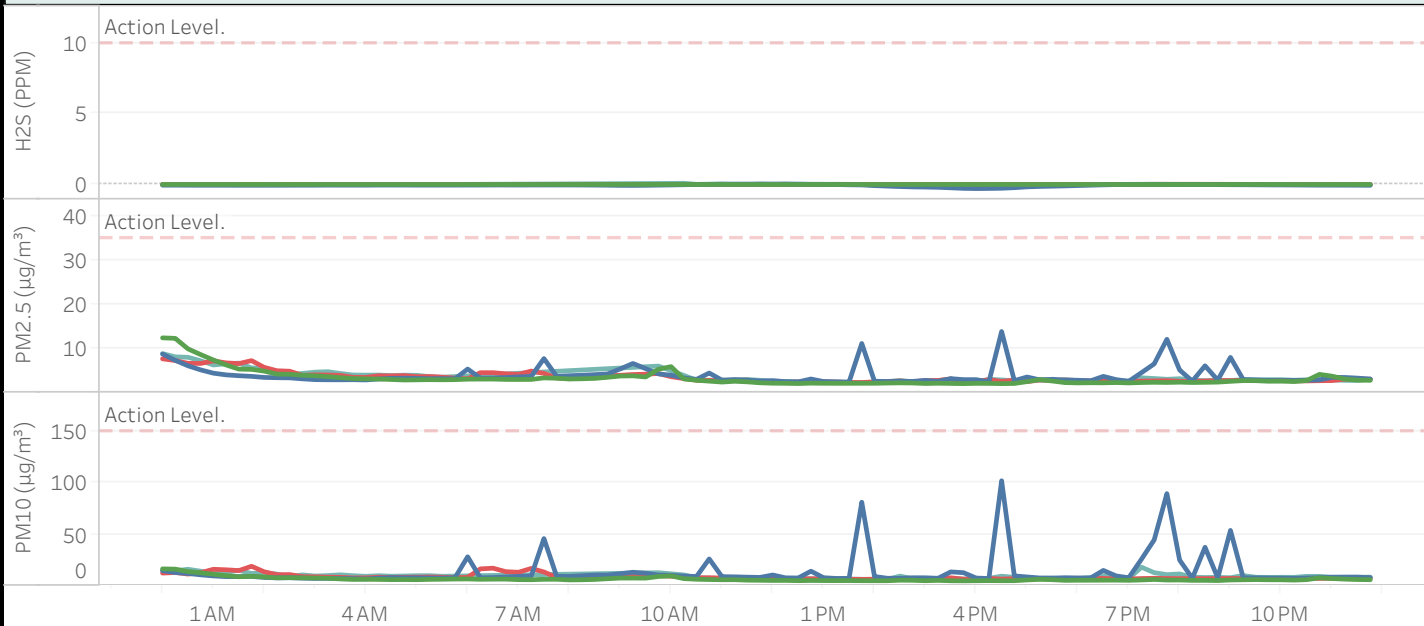


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

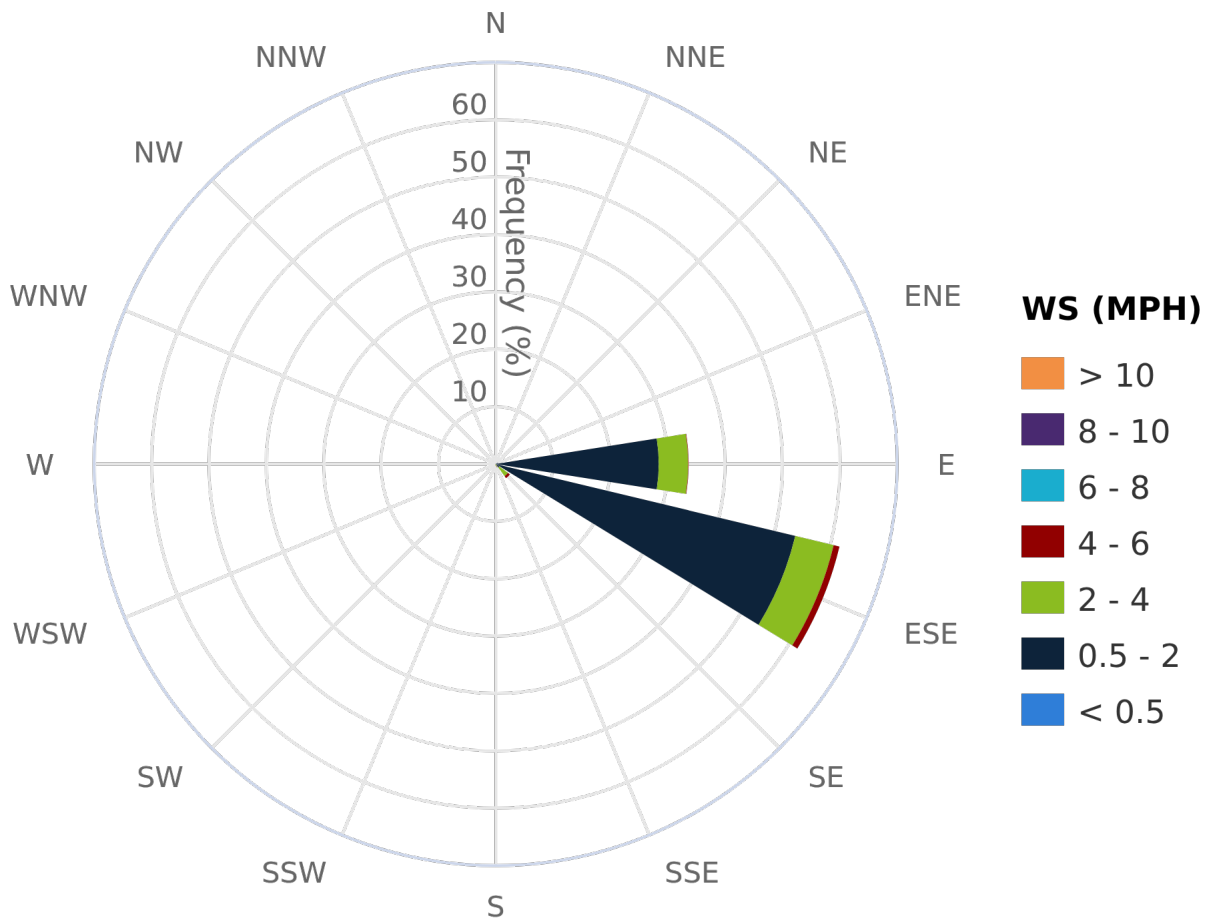


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

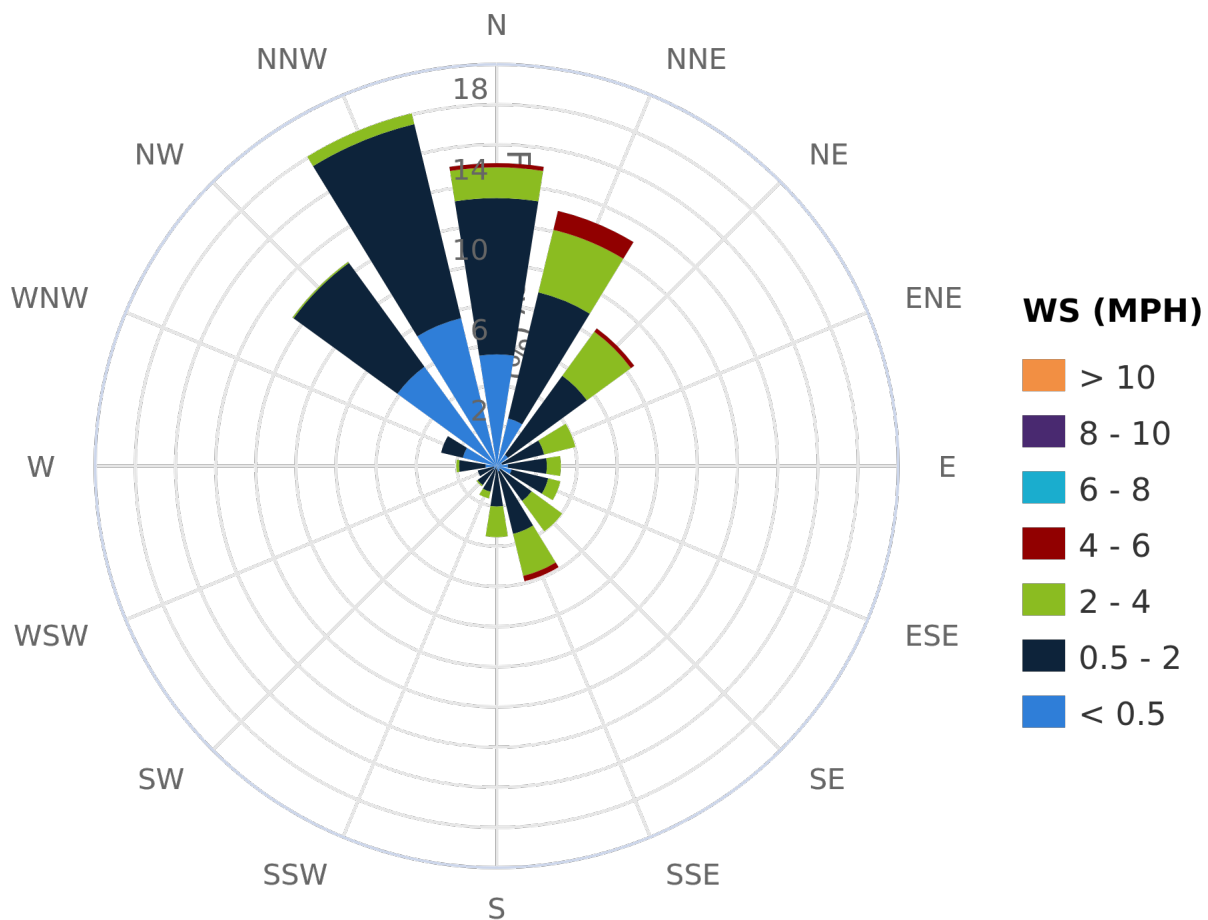


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

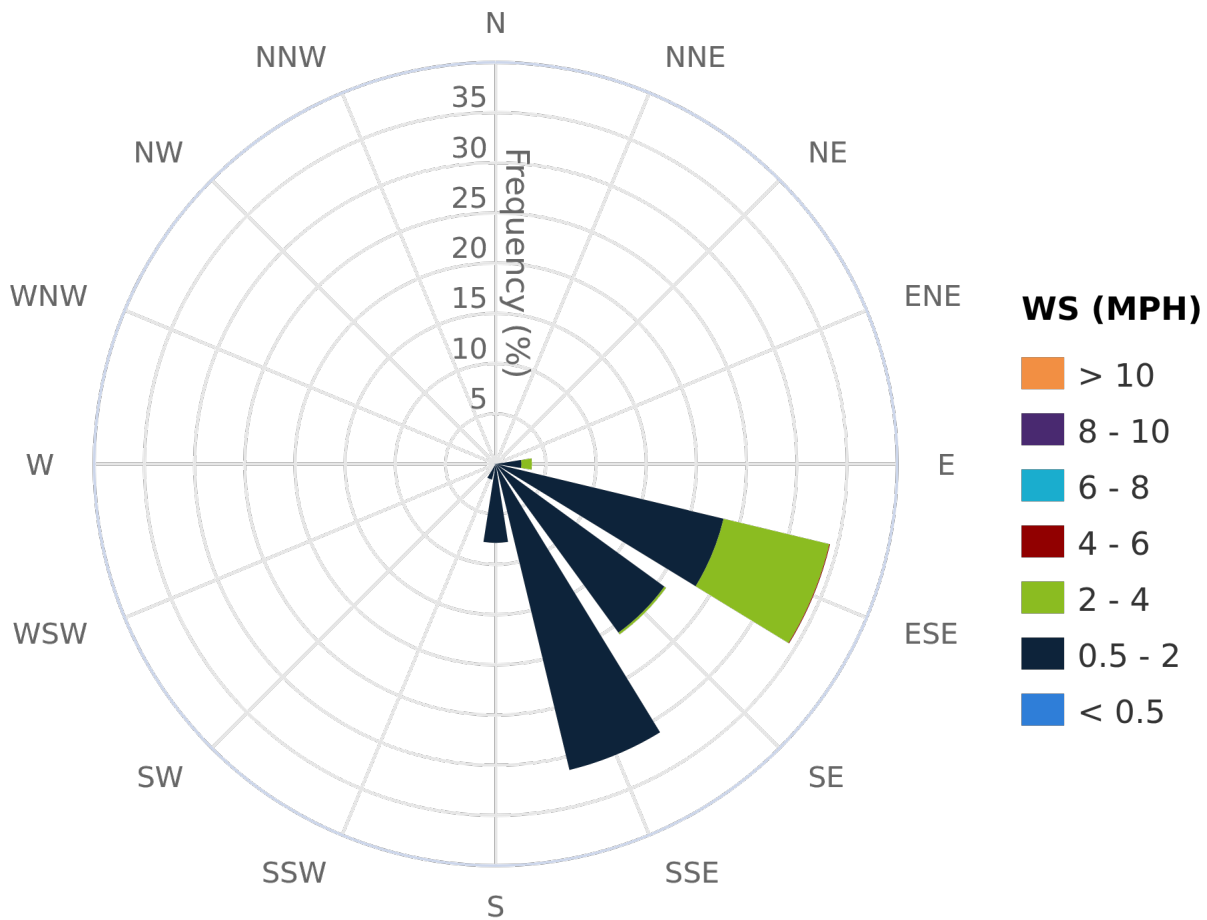


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

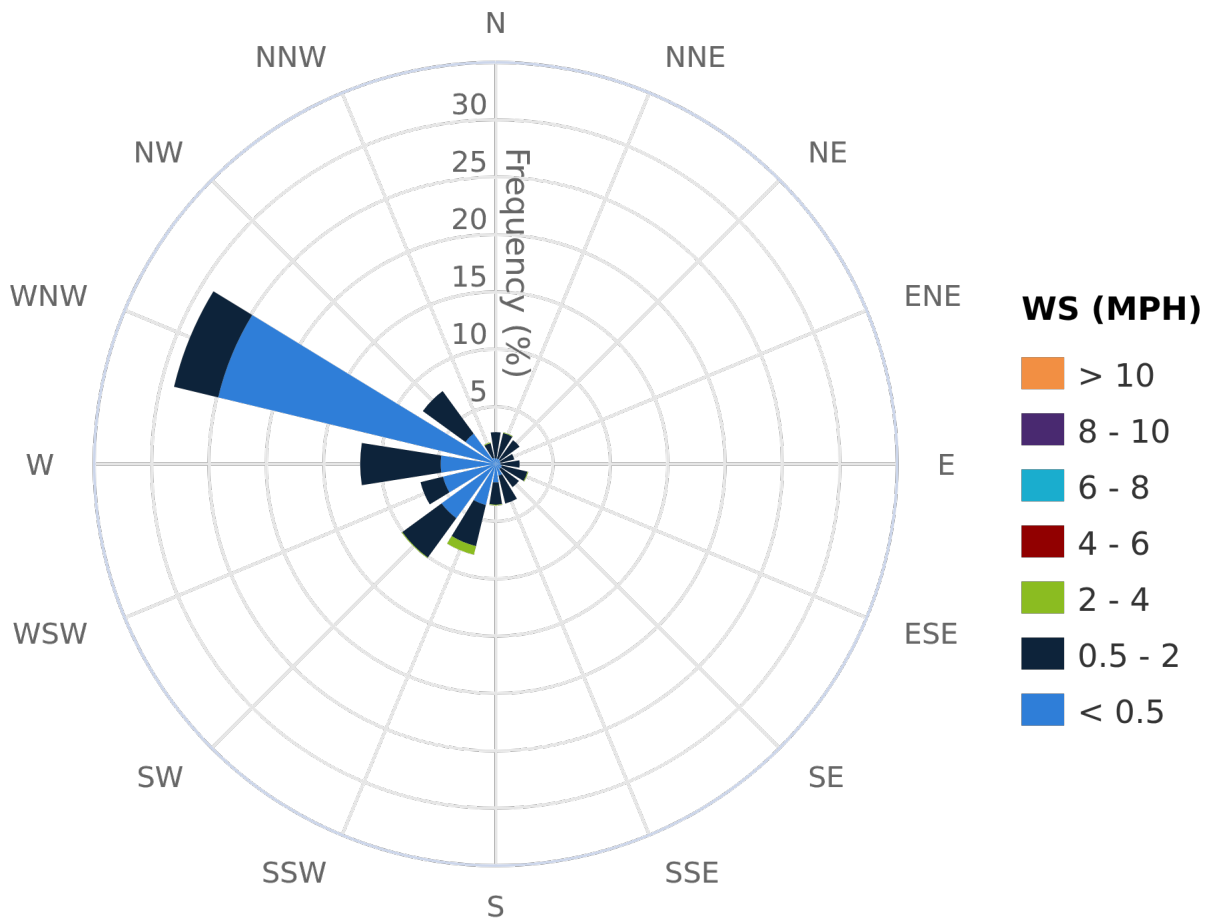


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 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	14.6	16.4	15.0	12.3	8.7	12.4	7.6	8.8	-0.052	-0.001	0.000	0.000
00:15:00	12.8	16.1	14.6	12.8	7.3	12.3	7.3	8.1	-0.051	0.000	0.000	0.000
00:30:00	11.9	13.8	16.0	11.3	6.1	9.9	6.6	8.0	-0.054	0.000	0.000	0.000
00:45:00	10.6	12.5	14.1	12.7	5.1	8.6	6.6	7.2	-0.057	0.000	0.000	0.000
01:00:00	9.5	11.2	11.8	16.0	4.4	7.4	7.2	6.2	-0.056	0.000	0.000	0.000
01:15:00	8.9	9.8	13.0	15.5	4.0	6.3	6.7	6.5	-0.057	0.000	0.000	0.000
01:30:00	8.9	8.7	15.0	14.7	3.8	5.3	6.6	6.7	-0.059	0.000	0.000	0.000
01:45:00	9.0	9.2	11.9	18.9	3.7	5.3	7.2	5.6	-0.059	-0.001	0.000	0.000
02:00:00	8.0	8.5	12.7	13.5	3.4	4.9	5.7	5.6	-0.058	0.000	0.000	0.000
02:15:00	7.7	7.7	11.3	10.7	3.4	4.2	5.0	4.8	-0.058	0.000	0.000	0.000
02:30:00	7.8	7.8	9.0	10.8	3.3	4.1	4.8	4.1	-0.056	0.001	0.000	0.000
02:45:00	7.4	7.7	10.5	8.8	3.1	3.9	3.9	4.3	-0.055	0.001	0.000	0.000
03:00:00	7.1	7.5	9.4	8.7	2.9	3.8	4.0	4.6	-0.053	0.000	0.000	0.000
03:15:00	7.2	7.2	9.9	8.3	2.9	3.6	4.0	4.7	-0.048	0.001	0.000	0.000
03:30:00	7.1	6.6	10.6	8.2	2.9	3.4	3.9	4.3	-0.050	0.000	0.000	0.000
03:45:00	6.9	6.1	9.8	7.6	2.9	3.2	3.4	4.0	-0.049	0.000	0.000	0.000
04:00:00	6.6	6.3	9.2	7.6	2.9	3.1	3.4	4.0	-0.050	0.001	0.000	0.000
04:15:00	7.4	6.1	9.8	8.2	3.1	3.1	3.8	4.0	-0.045	0.001	0.000	0.000
04:30:00	7.9	5.9	9.3	8.0	3.2	3.0	3.8	3.9	-0.043	0.001	0.000	0.000
04:45:00	7.7	6.0	9.5	8.2	3.3	2.9	3.9	3.9	-0.045	0.000	0.000	0.000
05:00:00	7.7	5.9	9.8	8.3	3.2	2.9	3.6	3.9	-0.048	0.000	0.000	0.000
05:15:00	7.6	6.2	9.8	8.5	3.2	2.9	3.6	3.6	-0.048	0.001	0.000	0.000
05:30:00	7.4	6.3	9.2	8.2	3.2	2.9	3.5	3.5	-0.047	0.000	0.000	0.000
05:45:00	7.8	6.5		7.9	3.1	2.9	3.3		-0.046	0.000	0.000	
06:00:00	28.1	6.6		8.2	5.3	3.0	3.1		-0.044	0.000	0.000	
06:15:00	7.7	6.3		16.4	3.3	3.1	4.5		-0.044	0.000	0.000	
06:30:00	8.0	6.4		17.0	3.3	3.1	4.5		-0.039	0.000	0.000	
06:45:00	8.5	6.4		13.7	3.4	3.0	4.3		-0.040	0.000	0.000	
07:00:00	9.1	5.9		13.1	3.6	3.0	4.1		-0.042	0.000	0.000	
07:15:00	9.4	5.9		16.8	3.7	3.0	4.9		-0.040	0.000	0.000	
07:30:00	45.7	6.3		13.4	7.7	3.3	4.3		-0.038	0.000	0.000	
07:45:00	9.2	6.3		8.1	3.7	3.3	3.3		-0.037	0.001	0.000	
08:00:00	9.1	5.7		7.9	3.8	3.1	3.1		-0.038	0.000	0.000	
08:15:00	9.7	5.8		7.7	3.9	3.1	3.3		-0.041	0.000	0.000	
08:30:00	10.4	6.1		8.1	4.1	3.2	3.7		-0.047	0.000	0.000	
08:45:00	10.4	6.8		8.6	4.2	3.5	3.8		-0.054	0.000	0.000	
09:00:00	11.7	7.4		8.9	5.4	3.8	3.9		-0.066	0.001	0.000	
09:15:00	13.1	7.5		9.9	6.6	3.8	4.1		-0.069	0.001	0.000	
09:30:00	12.2	7.4		9.2	5.4	3.5	4.2		-0.062	0.001	0.000	
09:45:00	10.4	9.0	12.7	9.9	4.2	5.3	4.3	6.0	-0.048	0.000	0.000	0.071
10:00:00	10.1	9.6		9.2	3.9	5.9	3.6		-0.037	0.001	0.000	
10:15:00	9.4	6.9	10.5	8.7	3.3	3.1	3.2	3.9	-0.020	0.000	0.000	0.084
10:30:00	9.0	6.3	7.8	7.7	3.0	2.8	2.8	2.8	-0.005	0.000	0.000	0.010
10:45:00	26.0	6.0		7.8	4.4	2.6	2.8		0.006	0.000	0.000	
11:00:00	8.8	5.8	7.2	7.5	2.8	2.4	2.6	2.8	0.016	0.000	0.000	0.038
11:15:00	8.7	5.9	7.3	7.7	3.0	2.6	2.8	2.8	0.028	0.000	0.000	0.001
11:30:00	8.3	5.4	8.0	7.7	2.8	2.4	2.8	3.0	0.028	0.000	0.000	0.000
11:45:00	8.1	5.3	8.0	6.4	2.6	2.2	2.3	2.8	0.033	0.000	0.000	0.021



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12:00:00	10.4	5.1	7.5	6.8	2.7	2.1	2.4	2.5	0.032	0.000	0.000	0.000
12:15:00	7.7	5.2	7.1	6.3	2.5	2.1	2.3	2.6	0.031	-0.001	0.000	0.023
12:30:00	7.6	4.9	6.6	6.9	2.4	2.1	2.4	2.4	0.027	-0.001	0.000	0.001
12:45:00	14.1	5.1	6.8	6.7	3.1	2.1	2.4	2.4	0.014	-0.001	0.000	0.008
13:00:00	7.8	5.0	6.8	6.7	2.5	2.1	2.4	2.5	0.009	0.000	0.000	0.013
13:15:00	7.1	5.0	6.5	6.6	2.4	2.1	2.4	2.4	-0.007	0.000	0.000	0.015
13:30:00	7.2	5.0	6.5	6.3	2.4	2.1	2.3	2.3	-0.025	0.000	0.000	0.010
13:45:00	80.9	4.9	6.3	6.2	11.1	2.1	2.3	2.3	-0.035	0.000	0.000	0.004
14:00:00	8.9	4.9	5.7	6.4	2.6	2.1	2.5	2.3	-0.083	0.000	0.000	0.000
14:15:00	7.3	4.9	6.3	6.6	2.5	2.2	2.5	2.5	-0.116	-0.001	0.000	0.000
14:30:00	7.2	5.4	9.4	7.0	2.6	2.2	2.6	2.8	-0.148	0.000	0.000	0.000
14:45:00	7.8	5.3	6.9	6.4	2.6	2.2	2.4	2.4	-0.174	-0.001	0.000	0.000
15:00:00	7.7	4.9	6.4	7.0	2.8	2.1	2.7	2.6	-0.185	0.001	0.000	0.000
15:15:00	7.3	5.2	6.7	7.2	2.5	2.1	2.8	2.7	-0.203	0.000	0.000	0.000
15:30:00	13.4	4.8	7.0	7.8	3.2	2.1	3.1	3.1	-0.239	0.001	0.000	0.000
15:45:00	12.7	4.8	6.6	6.4	2.9	2.0	2.4	2.5	-0.276	0.001	0.000	0.000
16:00:00	7.5	4.9	6.6	6.7	2.9	2.1	2.5	2.3	-0.292	0.000	0.000	0.000
16:15:00	7.1	5.0	7.2	7.1	2.4	2.1	2.9	3.0	-0.283	0.000	0.000	0.000
16:30:00	101.7	4.9	9.3	6.5	13.8	2.0	2.5	2.9	-0.268	0.000	0.000	0.000
16:45:00	9.5	4.9	8.1	6.9	2.7	2.1	2.8	2.7	-0.229	0.000	0.000	0.000
17:00:00	8.6	5.6	7.0	6.5	3.5	2.5	2.5	2.9	-0.170	0.000	0.000	0.000
17:15:00	7.6	6.2	6.7	7.2	2.9	2.9	2.9	2.9	-0.140	0.000	0.000	0.000
17:30:00	7.5	5.9	6.7	7.1	3.0	2.6	2.8	2.7	-0.122	0.000	0.000	0.000
17:45:00	7.7	5.2	7.4	7.2	2.8	2.3	2.8	2.9	-0.103	0.000	0.000	0.000
18:00:00	7.6	5.3	7.1	7.2	2.8	2.2	2.7	2.7	-0.078	0.000	0.000	0.000
18:15:00	7.6	5.4	8.0	6.9	2.7	2.2	2.6	2.7	-0.053	0.000	0.000	0.001
18:30:00	14.9	5.4	9.8	7.2	3.7	2.2	2.6	2.7	-0.029	0.000	0.000	0.001
18:45:00	9.6	5.4	8.2	6.7	2.9	2.3	2.5	2.7	-0.010	-0.001	0.000	0.001
19:00:00	7.8	5.3	7.0	6.6	2.6	2.2	2.5	2.6	0.009	0.000	0.002	0.000
19:15:00	25.7	5.6	18.0	7.0	4.5	2.3	2.6	3.4	0.012	0.000	0.007	0.000
19:30:00	44.4	6.1	12.7	7.3	6.5	2.3	2.7	3.2	0.013	0.000	0.011	0.000
19:45:00	89.2	5.5	10.8	7.1	12.1	2.3	2.7	3.0	0.010	0.000	0.013	0.000
20:00:00	24.9	5.6	11.5	7.0	5.1	2.4	2.6	3.2	0.002	0.000	0.013	0.000
20:15:00	7.3	5.2	8.3	6.8	2.6	2.3	2.5	2.8	0.000	0.000	0.013	0.000
20:30:00	37.3	5.3	8.0	7.0	6.1	2.3	2.6	2.7	-0.007	0.000	0.012	0.000
20:45:00	7.6	5.1	8.2	7.0	2.8	2.4	2.7	2.8	-0.013	0.000	0.012	0.000
21:00:00	53.6	5.6	7.8	7.1	8.0	2.6	2.7	2.7	-0.019	0.000	0.009	0.000
21:15:00	7.8	5.8	9.9	7.0	3.0	2.7	2.8	2.9	-0.022	0.000	0.007	0.000
21:30:00	7.7	6.0	8.3	7.2	2.9	2.7	2.7	2.8	-0.027	0.000	0.006	0.000
21:45:00	7.5	5.8	8.1	7.2	2.8	2.6	2.8	2.9	-0.033	0.000	0.004	0.000
22:00:00	7.4	5.8	8.2	7.2	2.8	2.6	2.8	2.9	-0.036	0.000	0.003	0.000
22:15:00	7.3	5.5	8.2	7.1	2.8	2.5	2.7	2.8	-0.040	-0.001	0.001	0.000
22:30:00	7.6	5.9	9.1	7.0	2.8	2.7	2.6	2.9	-0.045	0.000	0.000	0.000
22:45:00	7.9	7.7	9.1	7.1	2.9	4.1	2.7	3.0	-0.051	0.000	0.000	0.000
23:00:00	8.3	7.0	8.3	7.2	3.5	3.7	2.7	2.9	-0.051	0.000	0.000	0.000
23:15:00	8.5	6.4	8.1	7.6	3.4	3.1	3.1	2.8	-0.052	0.001	0.000	0.000
23:30:00	8.4	6.0	8.2	7.8	3.3	2.8	3.1	2.7	-0.054	0.001	0.000	0.000
23:45:00	7.8	5.9	8.4	7.5	3.1	2.8	3.0	3.1	-0.060	0.000	0.000	0.000



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