

Daily Summary Report

Site: Alba

5/27/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.037	.038
01:00	.035	.035
02:00	.032	.033
03:00	.031	.032
04:00	.030	.031
05:00	.030	.031
06:00	.032	.033
07:00	.039	.040
08:00	.050	.051
09:00	.054	.055
10:00	.057	.058
11:00	.058	.059
12:00	.059	.059
13:00	.058	.059
14:00	.060	.061
15:00	.063	.064
16:00	.062	.063
17:00	.060	.061
18:00	.054	.055
19:00	.042	.043
20:00	.037	.037
21:00	.039	.039
22:00	.031	.031
23:00	.031	.031
Average	.045	.045
Max	.063	.064
Max Hour	15:00	15:00
Min	.030	.031
Count	24	24
Total		

Daily Summary Report

Site: Alba

5/28/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.025	.025
01:00	.021	.021
02:00	.018	.018
03:00	.018	.018
04:00		
05:00		
06:00		
07:00		
08:00		
09:00		
10:00		
11:00		
12:00		
13:00		
14:00		
15:00		
16:00		
17:00		
18:00		
19:00		
20:00		
21:00		
22:00		
23:00		
Average	.020	.020
Max	.025	.025
Max Hour	00:00	00:00
Min	.018	.018
Count	4	4
Total		

Daily Summary Report

Site: Blair Street

5/27/2023

Interval: 001h

	PAMS SOLAR	PAMS UV	BC_BIOMASS	640X_PM-10	640X_PM-10_STD	640X_PM2.5	640X_PMCoarse
Time	W/M2	W/M2	PERCENT	ug/m3	ug/m3	ug/m3	ug/m3
00:00	-.10	.21	16.8	29.7	29.1	9.4	20.3
01:00	-.06	.23	9.6	26.3	25.8	9.7	16.7
02:00	.15	.23	14.7	27.8	27.3	9.3	18.5
03:00	-.17	.23	12.6	27.9	27.4	9.3	18.5
04:00	3.80	.46	11.2	28.2	27.7	8.6	19.6
05:00	55.02	3.42	15.8	30.3	29.7	7.6	22.7
06:00	165.79	9.21	14.6	27.5	27.1	7.1	20.4
07:00	429.66	19.72	19.6	35.8	35.5	8.0	27.9
08:00	646.36	31.08	12.1	29.9	29.9	6.7	23.2
09:00	777.18	39.86	20.7	25.4	25.6	6.3	19.1
10:00	900.91	46.45	18.9	21.2	21.4	6.1	15.1
11:00	945.69	49.19	19.6	18.5	18.8	5.6	12.9
12:00	936.38	48.72	15.6	20.4	20.7	4.9	15.4
13:00	909.84	46.31	17.7	18.2	18.6	4.7	13.5
14:00	804.57	40.39	16.0	16.8	17.2	4.7	12.1
15:00	624.34	30.77	20.5	20.3	20.8	4.9	15.4
16:00	473.41	21.44	23.1	16.4	16.7	5.7	10.7
17:00	214.20	10.34	21.6	19.0	19.4	6.0	13.0
18:00	50.77	3.24	10.0	18.9	19.2	5.5	13.3
19:00	1.00	.38	9.2	18.2	18.4	6.2	12.0
20:00	-1.00	.23	27.4	36.6	36.8	14.9	21.7
21:00	-.29	.23	22.2	43.6	43.7	20.7	23.0
22:00	.74	.22	25.8	32.0	32.0	13.8	18.2
23:00	-.49	.23	17.1	33.6	33.6	12.0	21.5
Average	330.74	16.78	17.2	25.9	25.9	8.2	17.7
Max	945.69	49.19	27.4	43.6	43.7	20.7	27.9
Max Hour	11:00	11:00	20:00	21:00	21:00	21:00	07:00
Min	-1.00	.21	9.2	16.4	16.7	4.7	10.7
Count	24	24	24	24	24	24	24
Total							

Daily Summary Report

Site: Blair Street

5/28/2023

Interval: 001h

	PAMS SOLAR	PAMS UV	BC_BIOMASS	640X_PM-10	640X_PM-10_STD	640X_PM2.5	640X_PMCoarse
Time	W/M2	W/M2	PERCENT	ug/m3	ug/m3	ug/m3	ug/m3
00:00	-43	.20	12.5	27.5	27.4	10.0	17.4
01:00	-81	.20	13.6	25.2	25.1	9.1	16.1
02:00	-1.05	.20	54.5	30.8	30.4	15.2	15.5
03:00	.26	.20	27.9	32.9	32.6	14.8	18.2
04:00							
05:00							
06:00							
07:00							
08:00							
09:00							
10:00							
11:00							
12:00							
13:00							
14:00							
15:00							
16:00							
17:00							
18:00							
19:00							
20:00							
21:00							
22:00							
23:00							
Average	-51	.20	27.1	29.1	28.9	12.3	16.8
Max	.26	.20	54.5	32.9	32.6	15.2	18.2
Max Hour	03:00	03:00	02:00	03:00	03:00	02:00	03:00
Min	-1.05	.20	12.5	25.2	25.1	9.1	15.5
Count	4	4	4	4	4	4	4
Total							

Daily Summary Report

Site: Bonne Terre

5/27/2023

Interval: 001h

	O3P	O3S	SOLAR
Time	PPM	PPM	W/M2
00:00	.016	.016	.81
01:00	.012	.012	.82
02:00	.010	.010	.82
03:00	.006	.006	.82
04:00	.007	.007	2.89
05:00	.007	.007	75.08
06:00	.008	.009	249.78
07:00	.018	.018	448.71
08:00	.037	.037	622.86
09:00	.052	.052	777.87
10:00	.056	.056	872.44
11:00	.058	.058	913.90
12:00	.061	.061	942.94
13:00	.061	.061	695.13
14:00	.063	.063	726.74
15:00	.064	.064	479.02
16:00	.065	.065	406.20
17:00	.065	.065	235.84
18:00	.060	.060	71.03
19:00	.054	.054	3.11
20:00	.041	.041	.83
21:00	.036	.036	.83
22:00	.025	.025	.82
23:00	.021	.021	.83
Average	.037	.037	313.76
Max	.065	.065	942.94
Max Hour	17:00	17:00	12:00
Min	.006	.006	.81
Count	24	24	24
Total			



Daily Summary Report

Site: Bonne Terre

5/28/2023

Interval: 001h

	O3P	O3S	SOLAR
Time	PPM	PPM	W/M2
00:00	.011	.011	.83
01:00	.012	.012	.83
02:00	.008	.009	.83
03:00	.006	.006	.83
04:00			
05:00			
06:00			
07:00			
08:00			
09:00			
10:00			
11:00			
12:00			
13:00			
14:00			
15:00			
16:00			
17:00			
18:00			
19:00			
20:00			
21:00			
22:00			
23:00			
Average	.009	.009	.83
Max	.012	.012	.83
Max Hour	01:00	01:00	03:00
Min	.006	.006	.83
Count	4	4	4
Total			

Daily Summary Report

Site: Buick North East

5/27/2023

Interval: 001h

	WINDD	WINDS	SO2	OTEMP	HUMID
Time	DEG	MPH	PPB	DEGC	PERCENT
00:00	83	2.2	1.9	14.8	45
01:00	60	1.7	4.0	15.4	41
02:00	14	2.0	1.0	15.4	42
03:00	27	1.8	.7	14.8	44
04:00	8	2.4	.5	13.7	48
05:00	26	1.6	.5	13.9	49
06:00	346	2.6	.5	14.2	58
07:00	34	2.3	.6	16.2	52
08:00	63	2.6	.8	19.0	51
09:00	67	3.3	.5	21.0	48
10:00	68	4.4	.6	21.9	47
11:00	80	4.0	.5	22.8	46
12:00	109	4.0	.5	23.8	43
13:00	94	3.7	.5	23.8	42
14:00	94	4.0	.7	23.8	43
15:00	76	4.0	.6	23.1	46
16:00	72	3.3	.6	23.2	45
17:00	57	2.2	.4	22.2	48
18:00	55	1.2	.5	21.0	55
19:00	91	2.0	.4	19.3	58
20:00	100	2.2	.6	18.4	60
21:00	88	1.8	.5	18.5	58
22:00	78	1.2	.5	18.0	58
23:00	82	2.1	.6	17.7	59
Average	68	2.3	.8	19.0	49
Max	346	4.4	4.0	23.8	60
Max Hour	06:00	10:00	01:00	14:00	20:00
Min	8	1.2	.4	13.7	41
Count	24	24	24	24	24
Total					

Daily Summary Report

Site: Buick North East

5/28/2023

Interval: 001h

	WINDD	WINDS	SO2	OTEMP	HUMID
Time	DEG	MPH	PPB	DEGC	PERCENT
00:00	42	.8	.6	17.4	60
01:00	337	1.4	.6	16.7	64
02:00	327	1.6	.9	15.4	72
03:00	69	.8	1.9	15.5	69
04:00					
05:00					
06:00					
07:00					
08:00					
09:00					
10:00					
11:00					
12:00					
13:00					
14:00					
15:00					
16:00					
17:00					
18:00					
19:00					
20:00					
21:00					
22:00					
23:00					
Average	358	.9	1.0	16.3	66
Max	337	1.6	1.9	17.4	72
Max Hour	01:00	02:00	03:00	00:00	02:00
Min	42	.8	.6	15.4	60
Count	4	4	4	4	4
Total					

Daily Summary Report

Site: Carthage

5/27/2023

Interval: 001h

	WINDD	WINDS	PM-10	C_PM-10
Time	DEG	MPH	ug/m3	ug/m3
00:00	71	.1	14	14
01:00	79	.5	14	13
02:00	96	1.3	16	15
03:00	81	1.3	14	13
04:00	77	1.2	15	15
05:00	73	1.1	14	14
06:00	106	1.7	20	20
07:00	124	2.2	18	20
08:00	130	2.6	19	18
09:00	96	2.7	16	15
10:00	94	2.1	17	16
11:00	74	1.8	15	14
12:00	88	2.6	13	14
13:00	69	2.4	13	12
14:00	81	2.4	14	13
15:00	91	2.3	13	13
16:00	86	2.3	20	20
17:00	79	2.6	24	20
18:00	61	1.1	19	20
19:00	355	.2	13	14
20:00	1	.2	21	21
21:00	19	.1	17	16
22:00	357	.1	16	16
23:00	344	.1	14	13
Average	89	1.4	16	16
Max	357	2.7	24	21
Max Hour	22:00	09:00	17:00	20:00
Min	1	.1	13	12
Count	24	24	24	24
Total				

Daily Summary Report

Site: Carthage

5/28/2023

Interval: 001h

	WINDD	WINDS	PM-10	C_PM-10
Time	DEG	MPH	ug/m3	ug/m3
00:00	358	.1	14	12
01:00	17	.1	13	12
02:00	75	.2	16	16
03:00	72	.1	15	14
04:00				
05:00				
06:00				
07:00				
08:00				
09:00				
10:00				
11:00				
12:00				
13:00				
14:00				
15:00				
16:00				
17:00				
18:00				
19:00				
20:00				
21:00				
22:00				
23:00				
Average	48	.1	15	14
Max	358	.2	16	16
Max Hour	00:00	02:00	02:00	02:00
Min	17	.1	13	12
Count	4	4	4	4
Total				

Daily Summary Report

Site: Farrar

5/27/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.045	.044
01:00	.041	.040
02:00	.039	.038
03:00	.031	.030
04:00	.023	.023
05:00	.022	.021
06:00	.022	.021
07:00	.030	.029
08:00	.041	.040
09:00	.050	.049
10:00	.054	.053
11:00	.058	.056
12:00	.058	.057
13:00	.060	.058
14:00	.063	.061
15:00	.062	.061
16:00	.062	.061
17:00	.062	.061
18:00	.059	.058
19:00	.059	.057
20:00	.053	.052
21:00	.049	.048
22:00	.048	.046
23:00	.050	.049
Average	.047	.046
Max	.063	.061
Max Hour	14:00	17:00
Min	.022	.021
Count	24	24
Total		

Daily Summary Report

Site: Farrar

5/28/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.049	.048
01:00	.050	.049
02:00	.044	.043
03:00	.039	.038
04:00		
05:00		
06:00		
07:00		
08:00		
09:00		
10:00		
11:00		
12:00		
13:00		
14:00		
15:00		
16:00		
17:00		
18:00		
19:00		
20:00		
21:00		
22:00		
23:00		
Average	.045	.044
Max	.050	.049
Max Hour	01:00	01:00
Min	.039	.038
Count	4	4
Total		

Daily Summary Report

Site: Fellows Lake

5/27/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.052	.052
01:00	.052	.051
02:00	.051	.051
03:00	.050	.049
04:00	.048	.047
05:00	.045	.045
06:00	.042	.042
07:00	.047	.047
08:00	.057	.057
09:00	.061	.061
10:00	.061	.061
11:00	.062	.061
12:00	.061	.061
13:00	.061	.060
14:00	.062	.062
15:00	.063	.063
16:00	.063	.062
17:00	.060	.060
18:00	.053	.052
19:00	.045	.044
20:00	.034	.034
21:00	.029	.029
22:00	.030	.030
23:00	.029	.029
Average	.050	.050
Max	.063	.063
Max Hour	16:00	15:00
Min	.029	.029
Count	24	24
Total		

Daily Summary Report

Site: Fellows Lake

5/28/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.031	.031
01:00	.029	.029
02:00	.025	.025
03:00	.023	.023
04:00		
05:00		
06:00		
07:00		
08:00		
09:00		
10:00		
11:00		
12:00		
13:00		
14:00		
15:00		
16:00		
17:00		
18:00		
19:00		
20:00		
21:00		
22:00		
23:00		
Average	.027	.027
Max	.031	.031
Max Hour	00:00	00:00
Min	.023	.023
Count	4	4
Total		

Daily Summary Report

Site: Finger Lakes State Park

5/27/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.015	.015
01:00	.010	.010
02:00	.007	.006
03:00	.006	.006
04:00	.008	.007
05:00	.004	.004
06:00	.011	.010
07:00	.031 j	.031 j
08:00	.049	.049
09:00	.056	.056
10:00	.059	.058
11:00	.062	.061
12:00	.064	.064
13:00	.065	.065
14:00	.066	.065
15:00	.066	.066
16:00	.066	.066
17:00	.066	.066
18:00	.061	.061
19:00	.047	.046
20:00	.043	.042
21:00	.036	.036
22:00	.031	.031
23:00	.026	.026
Average	.039	.039
Max	.066	.066
Max Hour	17:00	17:00
Min	.004	.004
Count	24	24
Total		

Daily Summary Report

Site: Finger Lakes State Park

5/28/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.020	.020
01:00	.015	.015
02:00	.008	.008
03:00	.005	.005
04:00		
05:00		
06:00		
07:00		
08:00		
09:00		
10:00		
11:00		
12:00		
13:00		
14:00		
15:00		
16:00		
17:00		
18:00		
19:00		
20:00		
21:00		
22:00		
23:00		
Average	.012	.012
Max	.020	.020
Max Hour	00:00	00:00
Min	.005	.005
Count	4	4
Total		

Daily Summary Report

Site: Foley West

5/27/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.054	.054
01:00	.053	.052
02:00	.049	.048
03:00	.044	.043
04:00	.039	.039
05:00	.036	.036
06:00	.035	.034
07:00	.035	.035
08:00	.039	.038
09:00	.046	.045
10:00	.051	.051
11:00	.059	.059
12:00	.062	.061
13:00	.063	.063
14:00	.065	.065
15:00	.066	.065
16:00	.067	.067
17:00	.068	.067
18:00	.056	.055
19:00	.054	.053
20:00	.060	.059
21:00	.062	.061
22:00	.061	.060
23:00	.060	.059
Average	.053	.052
Max	.068	.067
Max Hour	17:00	17:00
Min	.035	.034
Count	24	24
Total		

Daily Summary Report

Site: Foley West

5/28/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.051	.051
01:00	.046	.045
02:00	.043	.043
03:00	.043	.042
04:00		
05:00		
06:00		
07:00		
08:00		
09:00		
10:00		
11:00		
12:00		
13:00		
14:00		
15:00		
16:00		
17:00		
18:00		
19:00		
20:00		
21:00		
22:00		
23:00		
Average	.045	.045
Max	.051	.051
Max Hour	00:00	00:00
Min	.043	.042
Count	4	4
Total		

Daily Summary Report

Site: Forest Park

5/27/2023

Interval: 001h

	PRECIP	SOLAR	BC_CONC	BC_UV	PM25FEM	PM10_LC
Time	INCHES	W/M2	ug/m3	ug/m3	ug/m3	ug/m3
00:00	.000	.83	1.418	2.271	15.1	26
01:00	.000	.83	1.323	1.820	17.3	27
02:00	.000	.83	1.012	1.422	11.3	21
03:00	.000	.83	.856	1.187	8.6	18
04:00	.000	4.16	.712	.966	13.1	23
05:00	.000	56.52	.552	.747	9.8	20
06:00	.000	162.68	.475	.666	7.3	18
07:00	.000	410.56	.447	.646	8.7	20
08:00	.000	646.06	.539	.760	6.4	20
09:00	.000	790.21	.501	.734	8.6	24
10:00	.000	877.19	.396	.547	6.4	21
11:00	.000	877.76	.289	.355	6.7	18
12:00	.000	897.63	.236	.281	3.9	14
13:00	.000	923.10	.212	.264	3.4	12
14:00	.000	796.18	.207	.264	3.2	12
15:00	.000	628.70	.227	.293	4.6	14
16:00	.000	481.91	.183	.247	4.9	12
17:00	.000	284.12	.206	.269	5.4	13
18:00	.000	101.21	.211	.272	8.1	18
19:00	.000	3.54	.289	.366	7.1	18
20:00	.000	.84	.537	.665	8.1	17
21:00	.000	.83	.939 >	1.310 >	13.7	24
22:00	.000	.84	1.376	1.932	14.7	25
23:00	.000	.83	1.009	1.493	11.9	23
Average	.000	331.17	.590	.824	8.7	19
Max	.000	923.10	1.418	2.271	17.3	27
Max Hour	23:00	13:00	00:00	00:00	01:00	01:00
Min	.000	.83	.183	.247	3.2	12
Count	24	24	24	24	24	24
Total						



Daily Summary Report

Site: Forest Park

5/28/2023

Interval: 001h

	PRECIP	SOLAR	BC_CONC	BC_UV	PM25FEM	PM10_LC
Time	INCHES	W/M2	ug/m3	ug/m3	ug/m3	ug/m3
00:00	.000	.83	.764	1.009	13.8	27
01:00	.000	.84	.562	.725	10.2	21
02:00	.000	.84	.578	.721	9.4	20
03:00	.000	.84	.557	.699	10.2	20
04:00						
05:00						
06:00						
07:00						
08:00						
09:00						
10:00						
11:00						
12:00						
13:00						
14:00						
15:00						
16:00						
17:00						
18:00						
19:00						
20:00						
21:00						
22:00						
23:00						
Average	.000	.84	.615	.789	10.9	22
Max	.000	.84	.764	1.009	13.8	27
Max Hour	03:00	03:00	00:00	00:00	00:00	00:00
Min	.000	.83	.557	.699	9.4	20
Count	4	4	4	4	4	4
Total						

Daily Summary Report

Site: Front Street

5/27/2023

Interval: 001h

	PM-10
Time	ug/m3
00:00	32
01:00	31
02:00	27
03:00	43
04:00	38
05:00	32
06:00	29
07:00	28
08:00	20
09:00	36
10:00	23
11:00	18
12:00	23
13:00	20
14:00	24
15:00	27
16:00	27
17:00	29
18:00	32
19:00	32
20:00	40
21:00	45
22:00	43
23:00	42
Average	31
Max	45
Max Hour	21:00
Min	18
Count	24
Total	

Daily Summary Report

Site: Front Street

5/28/2023

Interval: 001h

	PM-10
Time	ug/m3
00:00	40
01:00	42
02:00	44
03:00	42
04:00	
05:00	
06:00	
07:00	
08:00	
09:00	
10:00	
11:00	
12:00	
13:00	
14:00	
15:00	
16:00	
17:00	
18:00	
19:00	
20:00	
21:00	
22:00	
23:00	
Average	42
Max	44
Max Hour	02:00
Min	40
Count	4
Total	

Daily Summary Report

Site: Herculaneum-Mott St.

5/27/2023

Interval: 001h

	WINDD	WINDS	SO2	OTEMP	AMB_PRSR
Time	DEG	MPH	PPB	DEGC	MM/HG
00:00	295	.5	.8	10.9	753
01:00	304	.5	.9	10.3	753
02:00	298	.6	.8	9.9	753
03:00	307	.8	.7	9.5	753
04:00	301	.8	.6	9.3	753
05:00	299	.7	.7	9.5	754
06:00	300	.6	.8	13.0	754
07:00	18	2.5	.9	17.0	755
08:00	22	2.5	1.0	19.2	754
09:00	29	2.7	1.5	21.6	754
10:00	25	2.8	1.3	23.6	754
11:00	75	3.2	.9	24.6	754
12:00	84	2.9	.9	25.3	754
13:00	57	2.1	.9	26.1	753
14:00	62	2.6	1.0	26.5	753
15:00	66	2.4	1.0	26.5	753
16:00	59	2.1	1.1	26.5	753
17:00	14	2.6	1.2	25.7	752
18:00	9	1.5	1.1	24.5	752
19:00	359	1.1	1.0	22.5	752
20:00	246	.0	.9	19.0	752
21:00	288	.2	1.0	17.0	752
22:00	287	.3	1.2	15.9	752
23:00	312	.4	1.3	15.2	752
Average	32	1.1	1.0	18.7	753
Max	359	3.2	1.5	26.5	755
Max Hour	19:00	11:00	09:00	16:00	07:00
Min	9	.0	.6	9.3	752
Count	24	24	24	24	24
Total					

Daily Summary Report

Site: Herculaneum-Mott St.

5/28/2023

Interval: 001h

	WINDD	WINDS	SO2	OTEMP	AMB_PRSR
Time	DEG	MPH	PPB	DEGC	MM/HG
00:00	262	.5	1.3	14.8	752
01:00	272	.2	1.1	13.6	752
02:00	242	.3	1.0	13.1	752
03:00	262	.2	1.0	12.6	752
04:00					
05:00					
06:00					
07:00					
08:00					
09:00					
10:00					
11:00					
12:00					
13:00					
14:00					
15:00					
16:00					
17:00					
18:00					
19:00					
20:00					
21:00					
22:00					
23:00					
Average	259	.3	1.1	13.5	752
Max	272	.5	1.3	14.8	752
Max Hour	01:00	00:00	00:00	00:00	03:00
Min	242	.2	1.0	12.6	752
Count	4	4	4	4	4
Total					

Daily Summary Report

Site: Ladue

5/27/2023

Interval: 001h

	AMB_PRSR	HUMID	OTEMP	PM25FEM
Time	MM/HG	PERCENT	DEGC	ug/m3
00:00	744	70	13.7	13.0
01:00	744	68	13.8	15.0
02:00	744	73	12.3	13.2
03:00	744	76	11.7	9.2
04:00	744	75	11.9	7.4
05:00	744	69	13.4	5.9
06:00	745	61	15.5	7.0
07:00	745	50	18.3	4.5
08:00	745	43	20.9	4.2
09:00	745	41	22.8	10.2
10:00	744	40	24.1	5.5
11:00	744	33	25.5	8.3
12:00	744	29	26.0	4.8
13:00	743	27	26.9	4.5
14:00	743	26	27.5	5.7
15:00	743	26	27.6	3.1
16:00	742	25	27.2	5.7
17:00	742	25	27.3	3.2
18:00	742	27	26.2	6.2
19:00	742	33	23.7	3.9
20:00	742	47	20.7	10.1
21:00	742	55	19.0	10.1
22:00	742	61	17.7	14.4
23:00	742	53	19.5	8.1
Average	743	47	20.6	7.6
Max	745	76	27.6	15.0
Max Hour	09:00	03:00	15:00	01:00
Min	742	25	11.7	3.1
Count	24	24	24	24
Total				

Daily Summary Report

Site: Ladue

5/28/2023

Interval: 001h

	AMB_PRSR	HUMID	OTEMP	PM25FEM
Time	MM/HG	PERCENT	DEGC	ug/m3
00:00	742	55	20.0	4.0
01:00	742	57	19.2	14.0
02:00	742	61	18.2	6.3
03:00	742	66	17.0	7.4
04:00				
05:00				
06:00				
07:00				
08:00				
09:00				
10:00				
11:00				
12:00				
13:00				
14:00				
15:00				
16:00				
17:00				
18:00				
19:00				
20:00				
21:00				
22:00				
23:00				
Average	742	59	18.6	7.9
Max	742	66	20.0	14.0
Max Hour	03:00	03:00	00:00	01:00
Min	742	55	17.0	4.0
Count	4	4	4	4
Total				

Daily Summary Report

Site: Liberty

5/27/2023

Interval: 001h

	O3P	O3S	AMB_PRSR	OTEMP	HUMID	PM25FEM	SOLAR
Time	PPM	PPM	MM/HG	DEGC	PERCENT	ug/m3	W/M2
00:00	.039	.040	736	10.4	60	4.7	.81
01:00	.036	.036	736	9.9	60	2.4	.81
02:00	.031	.032	736	9.3	63	3.5	.81
03:00	.024	.024	736	8.5	72	4.0	.80
04:00	.022	.022	736	8.3	71	3.3	1.70
05:00	.016	.016	737	9.2	73	4.6	65.25
06:00	.022	.022	737	12.2	66	4.6	241.84
07:00	.036	.036	737	15.5	56	4.0	447.33
08:00	.050	.050	737	18.8	43	2.5	643.27
09:00	.059	.060	737	21.2	37	4.5	804.85
10:00	.063	.064	737	22.3	31	2.2	927.85
11:00	.064	.064	736	23.0	29	1.8	994.90
12:00	.064	.065	736	24.2	26	3.1	1005.03
13:00	.065	.066	735	25.1	24	4.9	960.69
14:00	.065	.066	735	25.5	24	1.5	861.70
15:00	.064	.065	734	26.0	24	3.0	714.28
16:00	.063	.063	734	25.6	24	5.2	530.44
17:00	.062	.063	734	25.5	26	4.5	321.47
18:00	.060	.061	734	24.4	29	4.0	134.95
19:00	.058	.059	734	21.2	36	19.2	12.59
20:00	.056	.057	734	19.0	40	3.5	.81
21:00	.052	.053	735	17.4	48	15.2	.81
22:00	.041	.041	735	15.2	62	6.4	.81
23:00	.039	.039	735	14.1	64	7.5	.81
Average	.047	.048	736	18.0	45	5.0	361.44
Max	.065	.066	737	26.0	73	19.2	1005.03
Max Hour	14:00	14:00	10:00	15:00	05:00	19:00	12:00
Min	.016	.016	734	8.3	24	1.5	.80
Count	24	24	24	24	24	24	24
Total							

Daily Summary Report

Site: Liberty

5/28/2023

Interval: 001h

	O3P	O3S	AMB_PRSR	OTEMP	HUMID	PM25FEM	SOLAR
Time	PPM	PPM	MM/HG	DEGC	PERCENT	ug/m3	W/M2
00:00	.033	.033	735	13.0	70	6.2	.81
01:00	.024	.024	734	11.8	77	10.3	.81
02:00	.024	.024	734	11.2	78	11.4	.81
03:00	.025	.025	733	11.0	79	8.7	.80
04:00							
05:00							
06:00							
07:00							
08:00							
09:00							
10:00							
11:00							
12:00							
13:00							
14:00							
15:00							
16:00							
17:00							
18:00							
19:00							
20:00							
21:00							
22:00							
23:00							
Average	.026	.026	734	11.8	76	9.2	.81
Max	.033	.033	735	13.0	79	11.4	.81
Max Hour	00:00	00:00	00:00	00:00	03:00	02:00	02:00
Min	.024	.024	733	11.0	70	6.2	.80
Count	4	4	4	4	4	4	4
Total							

Daily Summary Report

Site: Maryland Heights

5/27/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.025	.024
01:00	.024	.024
02:00	.025	.024
03:00	.024	.023
04:00	.026	.026
05:00	.018	.018
06:00	.020	.019
07:00	.029	.028
08:00	.038	.037
09:00	.048	.047
10:00	.057	.056
11:00	.061	.061
12:00	.064	.063
13:00	.066	.065
14:00	.068	.067
15:00	.069	.068
16:00	.069	.069
17:00	.068	.067
18:00	.068	.067
19:00	.059	.058
20:00	.056	.055
21:00	.053	.052
22:00	.049	.048
23:00	.045	.044
Average	.047	.046
Max	.069	.069
Max Hour	16:00	16:00
Min	.018	.018
Count	24	24
Total		

Daily Summary Report

Site: Maryland Heights

5/28/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.044	.043
01:00	.045	.045
02:00	.047	.046
03:00	.043	.043
04:00		
05:00		
06:00		
07:00		
08:00		
09:00		
10:00		
11:00		
12:00		
13:00		
14:00		
15:00		
16:00		
17:00		
18:00		
19:00		
20:00		
21:00		
22:00		
23:00		
Average	.044	.044
Max	.047	.046
Max Hour	02:00	02:00
Min	.043	.043
Count	4	4
Total		

Daily Summary Report

Site: New Bloomfield

5/27/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.050	.049
01:00	.051	.051
02:00	.050	.050
03:00	.047	.047
04:00	.050	.049
05:00	.047	.047
06:00	.038	.037
07:00	.038	.038
08:00	.043	.043
09:00	.051	.050
10:00	.058	.058
11:00	.064	.064
12:00	.066	.065
13:00	.065	.065
14:00	.064	.064
15:00	.065	.065
16:00	.065	.065
17:00	.064	.064
18:00	.062	.062
19:00	.061	.060
20:00	.058	.057
21:00	.056	.056
22:00	.057	.057
23:00	.058	.057
Average	.055	.055
Max	.066	.065
Max Hour	12:00	16:00
Min	.038	.037
Count	24	24
Total		

Daily Summary Report

Site: New Bloomfield

5/28/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.058	.058
01:00	.054	.053
02:00	.057	.056
03:00	.058	.057
04:00		
05:00		
06:00		
07:00		
08:00		
09:00		
10:00		
11:00		
12:00		
13:00		
14:00		
15:00		
16:00		
17:00		
18:00		
19:00		
20:00		
21:00		
22:00		
23:00		
Average	.056	.056
Max	.058	.058
Max Hour	03:00	00:00
Min	.054	.053
Count	4	4
Total		

Daily Summary Report

Site: Orchard Farm

5/27/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.023	.023
01:00	.024	.024
02:00	.014	.014
03:00	.017	.017
04:00	.020	.021
05:00	.021	.022
06:00	.029	.029
07:00	.033	.034
08:00	.037	.038
09:00	.044	.045
10:00	.052	.053
11:00	.056	.057
12:00	.058	.058
13:00	.059	.059
14:00	.062	.063
15:00	.062	.063
16:00	.063	.064
17:00	.062	.062
18:00	.055	.055
19:00	.032	.033
20:00	.028	.028
21:00	.024	.025
22:00	.024	.025
23:00	.040	.041
Average	.039	.039
Max	.063	.064
Max Hour	16:00	16:00
Min	.014	.014
Count	24	24
Total		

Daily Summary Report

Site: Orchard Farm

5/28/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.039	.039
01:00	.033	.033
02:00	.017	.017
03:00	.013	.013
04:00		
05:00		
06:00		
07:00		
08:00		
09:00		
10:00		
11:00		
12:00		
13:00		
14:00		
15:00		
16:00		
17:00		
18:00		
19:00		
20:00		
21:00		
22:00		
23:00		
Average	.025	.025
Max	.039	.039
Max Hour	00:00	00:00
Min	.013	.013
Count	4	4
Total		

Daily Summary Report

Site: Pacific

5/27/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.029	.029
01:00	.027	.026
02:00	.023	.022
03:00	.019	.018
04:00	.015	.014
05:00	.014	.013
06:00	.010	.009
07:00	.021	.020
08:00	.039	.038
09:00	.048	.047
10:00	.058	.057
11:00	.064	.063
12:00	.066	.065
13:00	.067	.066
14:00	.068	.067
15:00	.069	.068
16:00	.071 h	.070
17:00	.069	.068
18:00	.061	.060
19:00	.047	.046
20:00	.038	.037
21:00	.036	.035
22:00	.034	.033
23:00	.034	.033
Average	.042	.041
Max	.071	.070
Max Hour	16:00	16:00
Min	.010	.009
Count	24	24
Total		

Daily Summary Report

Site: Pacific

5/28/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.027	.026
01:00	.028	.027
02:00	.023	.022
03:00	.014	.013
04:00		
05:00		
06:00		
07:00		
08:00		
09:00		
10:00		
11:00		
12:00		
13:00		
14:00		
15:00		
16:00		
17:00		
18:00		
19:00		
20:00		
21:00		
22:00		
23:00		
Average	.023	.022
Max	.028	.027
Max Hour	01:00	01:00
Min	.014	.013
Count	4	4
Total		

Daily Summary Report

Site: Rider Trail I-70

5/27/2023

Interval: 001h

	OTEMP_2M	HUMID	PRECIP
Time	DEGC	PERCENT	INCHES
00:00	15.4	53	.000
01:00	14.5	62	.000
02:00	13.8	70	.000
03:00	13.5	75	.000
04:00	13.4	69	.000
05:00	13.5	66	.000
06:00	14.9	58	.000
07:00	17.9	46	.000
08:00	20.2	39	.000
09:00	23.2	34	.000
10:00	25.3	32	.000
11:00	26.7	29	.000
12:00	27.6	24	.000
13:00	28.2	22	.000
14:00	28.7	22	.000
15:00	29.0	22	.000
16:00	28.9	20	.000
17:00	27.6	22	.000
18:00	26.7	23	.000
19:00	23.8	27	.000
20:00	22.1	30	.000
21:00	21.2	31	.000
22:00	20.3	35	.000
23:00	20.0	40	.000
Average	21.5	39	.000
Max	29.0	75	.000
Max Hour	15:00	03:00	23:00
Min	13.4	20	.000
Count	24	24	24
Total			



Daily Summary Report

Site: Rider Trail I-70

5/28/2023

Interval: 001h

	OTEMP_2M	HUMID	PRECIP
Time	DEGC	PERCENT	INCHES
00:00	19.2	50	.000
01:00	18.6	50	.000
02:00	18.2	51	.000
03:00	17.3	56	.000
04:00			
05:00			
06:00			
07:00			
08:00			
09:00			
10:00			
11:00			
12:00			
13:00			
14:00			
15:00			
16:00			
17:00			
18:00			
19:00			
20:00			
21:00			
22:00			
23:00			
Average	18.3	51	.000
Max	19.2	56	.000
Max Hour	00:00	03:00	03:00
Min	17.3	50	.000
Count	4	4	4
Total			

Daily Summary Report

Site: Rocky Creek

5/27/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.044	.045
01:00	.040	.041
02:00	.035	.036
03:00	.031	.032
04:00	.024	.025
05:00	.021	.021
06:00	.039	.040
07:00	.045	.046
08:00	.053	.054
09:00	.060	.062
10:00	.065	.067
11:00	.066	.068
12:00	.066	.068
13:00	.066	.068
14:00	.066	.068
15:00	.066	.068
16:00	.066	.068
17:00	.066	.068
18:00	.063	.065
19:00	.059	.061
20:00	.049	.051
21:00	.050	.051
22:00	.046	.048
23:00	.043	.044
Average	.051	.052
Max	.066	.068
Max Hour	17:00	17:00
Min	.021	.021
Count	24	24
Total		

Daily Summary Report

Site: Rocky Creek

5/28/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.032	.033
01:00	.030	.030
02:00	.038	.039
03:00	.035	.036
04:00		
05:00		
06:00		
07:00		
08:00		
09:00		
10:00		
11:00		
12:00		
13:00		
14:00		
15:00		
16:00		
17:00		
18:00		
19:00		
20:00		
21:00		
22:00		
23:00		
Average	.033	.034
Max	.038	.039
Max Hour	02:00	02:00
Min	.030	.030
Count	4	4
Total		

Daily Summary Report

Site: Savannah

5/27/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.046	.047
01:00	.048	.049
02:00	.049	.049
03:00	.046	.047
04:00	.044	.045
05:00	.041	.042
06:00	.040	.041
07:00	.045	.046
08:00	.055	.056
09:00	.064	.065
10:00	.065	.066
11:00	.066	.067
12:00	.065	.066
13:00	.063	.065
14:00	.062	.063
15:00	.064	.066
16:00	.066	.067
17:00	.066	.067
18:00	.063	.064
19:00	.059	.061
20:00	.061	.062
21:00	.062	.063
22:00	.061	.062
23:00	.058	.059
Average	.056	.057
Max	.066	.067
Max Hour	17:00	17:00
Min	.040	.041
Count	24	24
Total		

Daily Summary Report

Site: Savannah

5/28/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.056	.057
01:00	.056	.057
02:00	.055	.057
03:00	.054	.055
04:00		
05:00		
06:00		
07:00		
08:00		
09:00		
10:00		
11:00		
12:00		
13:00		
14:00		
15:00		
16:00		
17:00		
18:00		
19:00		
20:00		
21:00		
22:00		
23:00		
Average	.055	.056
Max	.056	.057
Max Hour	01:00	02:00
Min	.054	.055
Count	4	4
Total		

Daily Summary Report

Site: South Broadway

5/27/2023

Interval: 001h

	OTEMP	HUMID	AMB_PRSR	PM25FEM	PM10_LC
Time	DEGC	PERCENT	MM/HG	ug/m3	ug/m3
00:00	15.0	54	751	21.5	
01:00	14.3	59	751	20.4	
02:00	13.7	63	751	16.9	
03:00	13.2	66	751	16.0	
04:00	13.3	64	751	14.2	
05:00	14.6	59	752	13.7	
06:00	17.7	43	752	7.1	
07:00	18.6	41	752	1.6	
08:00	20.8	37	752	1.1	
09:00	23.3	33	752	8.4	
10:00	25.3	30	752	9.1	
11:00	26.3	25	751	4.2	
12:00	26.8	20	751	5.3	
13:00	27.3	18	750	4.5	
14:00	27.9	16	750	4.2	
15:00	27.8	16	749	8.5	
16:00	27.7	17	749	4.5	
17:00	27.0	18	749	4.5	
18:00	25.7	21	749	3.5	
19:00	24.0	26	749	7.4	
20:00	22.7	32	749	16.5	
21:00	21.7	40	749	13.1	
22:00	20.5	46	749	19.0	
23:00	19.9	47	749	24.3	
Average	21.5	37	750	10.4	
Max	27.9	66	752	24.3	
Max Hour	14:00	03:00	10:00	23:00	
Min	13.2	16	749	1.1	
Count	24	24	24	24	0
Total					

Daily Summary Report

Site: South Broadway

5/28/2023

Interval: 001h

	OTEMP	HUMID	AMB_PRSR	PM25FEM	PM10_LC
Time	DEGC	PERCENT	MM/HG	ug/m3	ug/m3
00:00	19.6	48	749	9.2	
01:00	19.5	49	749	3.8	
02:00	18.6	52	749	4.0	
03:00	18.0	55	749	6.6	
04:00					
05:00					
06:00					
07:00					
08:00					
09:00					
10:00					
11:00					
12:00					
13:00					
14:00					
15:00					
16:00					
17:00					
18:00					
19:00					
20:00					
21:00					
22:00					
23:00					
Average	18.9	51	749	5.9	
Max	19.6	55	749	9.2	
Max Hour	00:00	03:00	03:00	00:00	
Min	18.0	48	749	3.8	
Count	4	4	4	4	0
Total					

Daily Summary Report

Site: Trimble

5/27/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.045	.046
01:00	.046	.047
02:00	.046	.047
03:00	.044	.044
04:00	.042	.043
05:00	.038	.039
06:00	.040	.040
07:00	.046	.046
08:00	.059	.060
09:00	.063	.064
10:00	.065	.066
11:00	.066	.067
12:00	.065	.067
13:00	.064	.065
14:00	.065	.067
15:00	.067	.068
16:00	.066	.067
17:00	.065	.066
18:00	.063	.064
19:00	.061	.062
20:00	.059	.060
21:00	.056	.057
22:00	.056	.056
23:00	.057	.058
Average	.056	.056
Max	.067	.068
Max Hour	15:00	15:00
Min	.038	.039
Count	24	24
Total		

Daily Summary Report

Site: Trimble

5/28/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.053	.053
01:00	.052	.053
02:00	.048	.049
03:00	.050	.050
04:00		
05:00		
06:00		
07:00		
08:00		
09:00		
10:00		
11:00		
12:00		
13:00		
14:00		
15:00		
16:00		
17:00		
18:00		
19:00		
20:00		
21:00		
22:00		
23:00		
Average	.050	.051
Max	.053	.053
Max Hour	00:00	01:00
Min	.048	.049
Count	4	4
Total		

Daily Summary Report

Site: Troost

5/27/2023

Interval: 001h

	540X_PM-10_STE	640X_PMCoarse
Time	ug/m3	ug/m3
00:00	37.5	26.6
01:00	33.8	25.1
02:00	30.6	21.9
03:00	29.5	19.8
04:00	26.4	17.9
05:00	32.4	22.2
06:00	29.6	19.7
07:00	31.3	22.0
08:00	29.1	21.1
09:00	21.1	14.0
10:00	22.3	15.5
11:00	21.1	14.2
12:00	19.7	13.1
13:00	19.1	12.8
14:00	23.7	17.5
15:00	25.6	19.2
16:00	26.6	20.1
17:00	24.6	18.0
18:00	26.8	19.5
19:00	27.5	18.3
20:00	35.6	23.5
21:00	39.7	24.4
22:00	34.8	22.4
23:00	34.0	21.9
Average	28.4	19.6
Max	39.7	26.6
Max Hour	21:00	00:00
Min	19.1	12.8
Count	24	24
Total		

Daily Summary Report

Site: Troost

5/28/2023

Interval: 001h

	540X_PM-10_STE	640X_PMCoarse
Time	ug/m3	ug/m3
00:00	34.2	22.0
01:00	38.9	23.9
02:00	38.3	23.2
03:00	39.8	21.4
04:00		
05:00		
06:00		
07:00		
08:00		
09:00		
10:00		
11:00		
12:00		
13:00		
14:00		
15:00		
16:00		
17:00		
18:00		
19:00		
20:00		
21:00		
22:00		
23:00		
Average	37.8	22.6
Max	39.8	23.9
Max Hour	03:00	01:00
Min	34.2	21.4
Count	4	4
Total		

Daily Summary Report

Site: Watkins Mill State Park

5/27/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.047	.044
01:00	.045	.041
02:00	.047	.044
03:00	.047	.044
04:00	.043	.040
05:00	.039	.037
06:00	.042	.039
07:00	.045	.042
08:00	.054	.050
09:00	.061	.057
10:00	.064	.060
11:00	.064	.060
12:00	.064	.060
13:00	.065	.061
14:00	.065	.061
15:00	.063	.059
16:00	.064	.059
17:00	.064	.060
18:00	.061	.057
19:00	.050	.047
20:00	.049	.046
21:00	.053	.049
22:00	.053	.050
23:00	.052	.049
Average	.054	.050
Max	.065	.061
Max Hour	14:00	14:00
Min	.039	.037
Count	24	24
Total		

Daily Summary Report

Site: Watkins Mill State Park

5/28/2023

Interval: 001h

	O3P	O3S
Time	PPM	PPM
00:00	.051	.048
01:00	.053	.050
02:00	.049	.046
03:00	.046	.044
04:00		
05:00		
06:00		
07:00		
08:00		
09:00		
10:00		
11:00		
12:00		
13:00		
14:00		
15:00		
16:00		
17:00		
18:00		
19:00		
20:00		
21:00		
22:00		
23:00		
Average	.049	.047
Max	.053	.050
Max Hour	01:00	01:00
Min	.046	.044
Count	4	4
Total		

Daily Summary Report

Site: West Alton

5/27/2023

Interval: 001h

	WINDD	WINDS	O3P	O3S	SOLAR	OTEMP	HUMID
Time	DEG	MPH	PPM	PPM	W/M2	DEGC	PERCENT
00:00	277	1.2	.012	.012	1.04	13.2	86
01:00	246	.1	.022	.022	1.05	13.3	90
02:00	198	.1	.029	.028	1.04	13.2	87
03:00	98	2.6	.033	.033	1.05	14.2	64
04:00	96	4.0	.034	.034	6.76	13.9	63
05:00	80	1.9	.034	.034	78.39	14.7	59
06:00	76	5.1	.035	.035	218.56	15.7	52
07:00	75	4.8	.038	.038	436.91	17.3	49
08:00	74	2.7	.042	.042	609.11	19.5	46
09:00	84	3.5	.050	.050	738.31	21.6	41
10:00	82	3.8	.058	.058	853.02	23.7	35
11:00	83	6.5	.063	.062	870.37	25.0	28
12:00	77	4.5	.065	.065	887.62	25.5	26
13:00	69	4.2	.068	.067	782.68	25.8	26
14:00	83	4.3	.069	.069	724.44	26.0	25
15:00	87	4.0	.071 h	.070	617.03	26.3	25
16:00	76	4.0	.073 h	.072 h	418.36	26.4	26
17:00	55	2.2	.071 h	.070	241.30	26.2	28
18:00	49	1.9	.065	.064	70.42	25.0	31
19:00	56	1.8	.060	.059	3.65	23.3	37
20:00	101	1.3	.051	.050	1.05	21.7	42
21:00	78	1.6	.043	.043	1.05	20.3	47
22:00	62	2.2	.048	.047	1.06	20.0	51
23:00	99	3.0	.046	.046	1.07	20.1	54
Average	79	2.8	.049	.048	315.22	20.5	47
Max	277	6.5	.073	.072	887.62	26.4	90
Max Hour	00:00	11:00	16:00	16:00	12:00	16:00	01:00
Min	49	.1	.012	.012	1.04	13.2	25
Count	24	24	24	24	24	24	24
Total							



Daily Summary Report

Site: West Alton

5/28/2023

Interval: 001h

	WINDD	WINDS	O3P	O3S	SOLAR	OTEMP	HUMID
Time	DEG	MPH	PPM	PPM	W/M2	DEGC	PERCENT
00:00	98	2.9	.045	.045	1.06	19.4	52
01:00	98	2.4	.044	.044	1.07	18.6	55
02:00	116	2.5	.040	.040	1.09	17.6	65
03:00	101	2.0	.031	.031	1.07	15.5	76
04:00							
05:00							
06:00							
07:00							
08:00							
09:00							
10:00							
11:00							
12:00							
13:00							
14:00							
15:00							
16:00							
17:00							
18:00							
19:00							
20:00							
21:00							
22:00							
23:00							
Average	103	2.4	.040	.040	1.07	17.8	62
Max	116	2.9	.045	.045	1.09	19.4	76
Max Hour	02:00	00:00	00:00	00:00	02:00	00:00	03:00
Min	98	2.0	.031	.031	1.06	15.5	52
Count	4	4	4	4	4	4	4
Total							