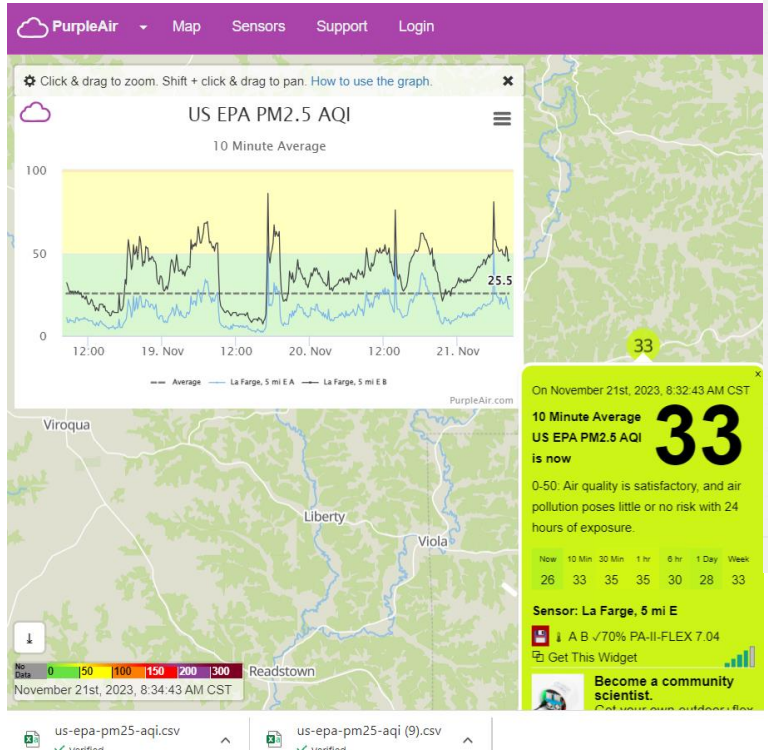
Episode 56LX November 21, 2023. Southwest Wisconsin and British Columbia Canada Coast to Coast.

% PM2.5 over 3 days	% above 12ug/m3 PM2.5	% above 25ug/m3 PM2.5	% above 35ug/m3 PM2.5
Wisconsin, LaFarge	24	0	0
Wisconsin, Madison	96	46	25
Wisconsin, Spring Green	98	34	1
Canada,Shulus,BC,Office	19	0	0
Canada,Vancouver,Woodland	61	20	6

% PM2.5 over 3 days % above 12ug/m3 PM2.5 % above 25ug/m3 PM2.5
above 35ug/m3 PM2.5
Wisconsin, LaFarge 24 0 0
Wisconsin, Madison 96 46 25
Wisconsin, Spring Green 98 34 1
Canada,Shulus,BC,Office 19 0 0
Canada,Vancouver,Woodland 61 20 6

Correlation: PurpleAir to EPA (PA x 0.514)+1.8304
Wisconsin,LaFarge La Farge, 5 mi E A
% 3 days >NAAQS24.07% 0.69% 0.00%
La Farge, 5 mi E A12 ug/m3 25 ug/m3 35 ug/m3PA 0.514 1.8304
number10minuteperiods in 72hours, 3 sheets
12,25,35 micrograms per cubic meter PM2.5
Wisconsin,LaFarge La Farge, 5 mi E A
11/18/2023 8:30 to 11/21/2023 8:20
Above 12 micrograms per cubic meter PM2.5?
104 10 1040
data periods of 10 minutes equals periods x 10
1040 60 17.33
minutes divided by 60= hours in 3 days 72 hour
17.33 72 24.07%
hours divided by 72 = % days > 12ug/m3 PM2.5
Above 25 micrograms per cubic meter PM2.5?
3 10 30
data periods of 10 minutes equals periods x 10
30 60 0.5
minutes divided by 60= hours in 3 days 72 hour
0.5 72 0.69%
hours divided by 72 = % days > 25ug/m3 PM2.5
Above 35 micrograms per cubic meter PM2.5?
0 10 0
data periods of 10 minutes equals periods x 10
0 60 0.00
minutes divided by 60= hours in 3 days 72 hour
0.00 72 0.00%
hours divided by 72 = % days > 12ug/m3 PM2.5
Wisconsin,LaFarge La Farge, 5 mi E A
See all 3 days of Excel data on PDF at
https://rawsepresidents.wordpress.com



us-epa-pm25-aqi.csv us-epa-pm25-aqi (9).csv

	A	B	C	D	E	F	G	H	I	J
1	Correlation: PurpleAir to EPA (PA x 0.514)+1.8304									
2	Wisconsin,LaFarge		La Farge, 5 mi E A							
3	% 3 days >NAAQS	24.07%	0.69%	0.00%	PA x 0.5140 + 1.8304 conversion			PA	0.514	1.8304
4	La Farge, 5 mi E A	12 ug/m3	25 ug/m3	35 ug/m3	104	3	0	number10minuteperiods in 72hours, 3 sheets		
5	DateTime	Average	La Farge, !	La Farge, !	above12	above25	above35	12,25,35 micrograms per cubic meter PM2.5		
6	11/18/2023 8:30	25.5	11	32	7.4844	7.4844	7.4844	Wisconsin,LaFarge		La Farge, 5 mi E A
7	11/18/2023 8:40		8	30	5.9424	5.9424	5.9424	11/18/2023 8:30	to	11/21/2023 8:20
8	11/18/2023 8:50		8	28	5.9424	5.9424	5.9424	Above 12 micrograms per cubic meter PM2.5?		
9	11/18/2023 9:00		10	26	6.9704	6.9704	6.9704	104	10	1040
10	11/18/2023 9:10		9	27	6.4564	6.4564	6.4564	data periods of 10 minutes equals periods x 10		
11	11/18/2023 9:20		9	26	6.4564	6.4564	6.4564	1040	60	17.33
12	11/18/2023 9:30		9	27	6.4564	6.4564	6.4564	minutes divided by 60= hours in 3 days 72 hour		
13	11/18/2023 9:40		8	25	5.9424	5.9424	5.9424	17.33	72	24.07%
14	11/18/2023 9:50		8	27	5.9424	5.9424	5.9424	hours divided by 72 = % days > 12ug/m3 PM2.5		
15	11/18/2023 10:00		11	26	7.4844	7.4844	7.4844	Above 25 micrograms per cubic meter PM2.5?		
16	11/18/2023 10:10		11	26	7.4844	7.4844	7.4844	3	10	30
17	11/18/2023 10:20		10	27	6.9704	6.9704	6.9704	data periods of 10 minutes equals periods x 10		
18	11/18/2023 10:30		9	26	6.4564	6.4564	6.4564	30	60	0.5
19	11/18/2023 10:40		10	25	6.9704	6.9704	6.9704	minutes divided by 60= hours in 3 days 72 hour		
20	11/18/2023 10:50		10	26	6.9704	6.9704	6.9704	0.5	72	0.69%
21	11/18/2023 11:00		10	23	6.9704	6.9704	6.9704	hours divided by 72 = % days > 25ug/m3 PM2.5		
22	11/18/2023 11:10		10	24	6.9704	6.9704	6.9704	Above 35 micrograms per cubic meter PM2.5?		
23	11/18/2023 11:20		11	23	7.4844	7.4844	7.4844	0	10	0
24	11/18/2023 11:30		10	22	6.9704	6.9704	6.9704	data periods of 10 minutes equals periods x 10		
25	11/18/2023 11:40		10	24	6.9704	6.9704	6.9704	0	60	0.00
26	11/18/2023 11:50		10	21	6.9704	6.9704	6.9704	minutes divided by 60= hours in 3 days 72 hour		
27	11/18/2023 12:00		9	19	6.4564	6.4564	6.4564	0.00	72	0.00%
28	11/18/2023 12:10		9	19	6.4564	6.4564	6.4564	hours divided by 72 = % days > 12ug/m3 PM2.5		
29	11/18/2023 12:20		9	20	6.4564	6.4564	6.4564	Wisconsin,LaFarge		La Farge, 5 mi E A
30	11/18/2023 12:30		9	22	6.4564	6.4564	6.4564	See all 3 days of Excel data on PDF at		
31	11/18/2023 12:40		9	21	6.4564	6.4564	6.4564	https://rawsepresidents.wordpress.com		
32	11/18/2023 12:50		7	18	5.4284	5.4284	5.4284	Check C4	7.4844	
33	11/18/2023 13:00		7	18	5.4284	5.4284	5.4284			
34	11/18/2023 13:10		6	15	4.9144	4.9144	4.9144			

us-epa-pm25-aqi YELLOW 12 sort ORANGE 25 sort RED 35 sort Ins

Correlation: PurpleAir to EPA (PA x 0.514)+1.8304

Wisconsin,Madison		Elinor and Gary A	
% 3 days >NAAQS	96.99%	46.53%	25.93%
Elinor and Gary A	12 ug/m3	25 ug/m3	35 ug/m3
PA	0.514	1.8304	

number10minuteperiods in 72hours, 3 sheets
12,25,35 micrograms per cubic meter PM2.5

Wisconsin,Madison		Elinor and Gary A
11/18/2023 6:50	to	11/21/2023 6:40

Above 12 micrograms per cubic meter PM2.5?

419	10	4190

data periods of 10 minutes equals periods x 10

4190	60	69.83

minutes divided by 60= hours in 3 days 72 hour

69.83	72	96.99%

hours divided by 72 = % days > 12ug/m3 PM2.5

Above 25 micrograms per cubic meter PM2.5?

201	10	2010

data periods of 10 minutes equals periods x 10

2010	60	33.5

minutes divided by 60= hours in 3 days 72 hour

33.5	72	46.53%

hours divided by 72 = % days > 25ug/m3 PM2.5

Above 35 micrograms per cubic meter PM2.5?

112	10	1120

data periods of 10 minutes equals periods x 10

1120	60	18.67

minutes divided by 60= hours in 3 days 72 hour

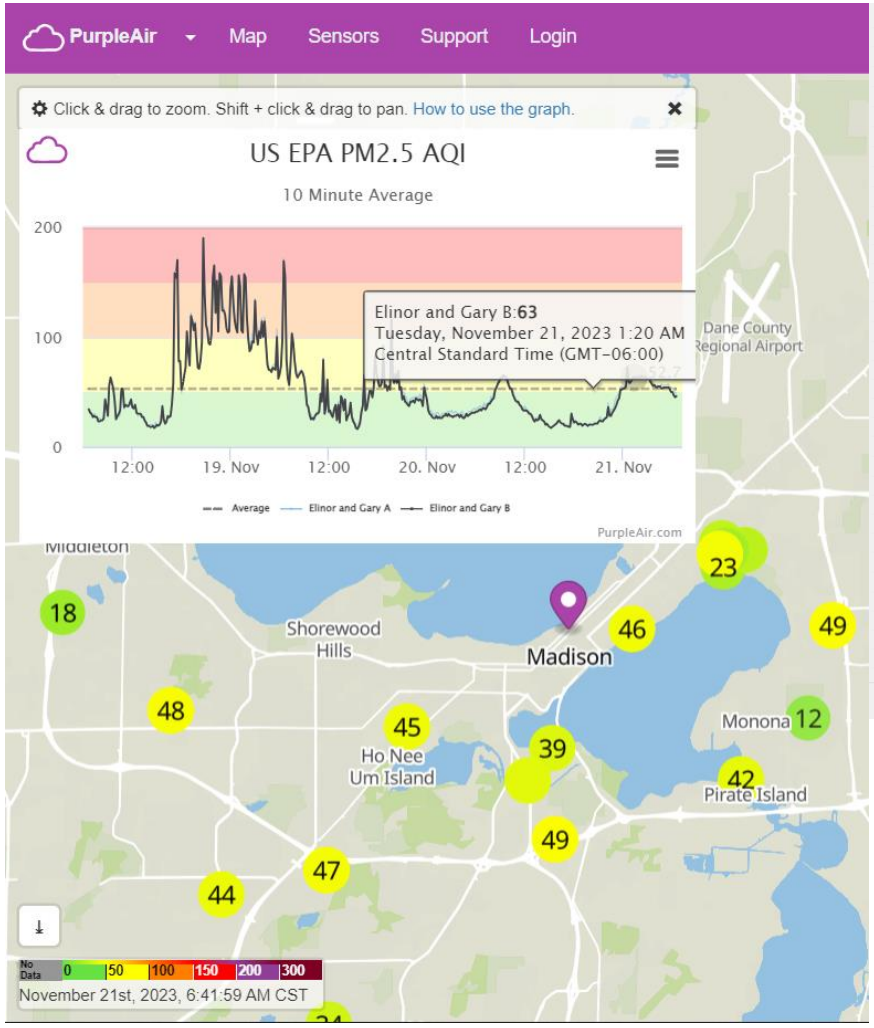
18.67	72	25.93%

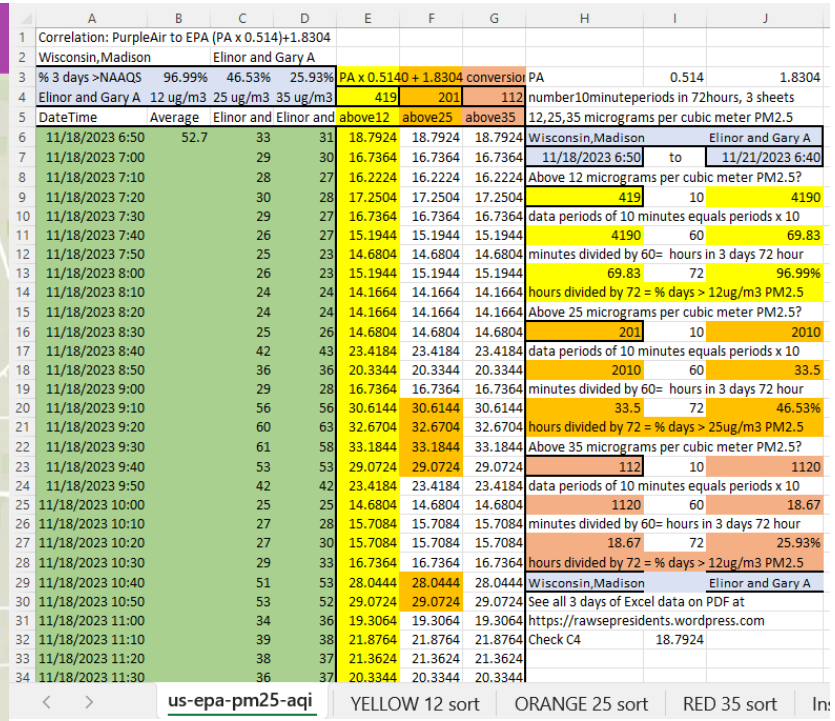
hours divided by 72 = % days > 12ug/m3 PM2.5

Wisconsin,Madison	Elinor and Gary A

See all 3 days of Excel data on PDF at
https://rawsepresidents.wordpress.com

% PM2.5 over 3 days	% above 12ug/m3 PM2.5	% above 25ug/m3 PM2.5	% above 35ug/m3 PM2.5
Wisconsin, LaFarge	24	0	0
Wisconsin, Madison	96	46	25
Wisconsin, Spring Green	98	34	1
Canada,Shulus,BC,Office	19	0	0
Canada,Vancouver,Woodland	61	20	6





	A	B	C	D	E	F	G	H	I	J
1	Correlation: PurpleAir to EPA (PA x 0.514)+1.8304									
2	Wisconsin,Madison		Elinor and Gary A							
3	% 3 days >NAAQS	96.99%	46.53%	25.93%	PA x 0.5140 + 1.8304		conversion	PA	0.514	1.8304
4	Elinor and Gary A	12 ug/m3	25 ug/m3	35 ug/m3	419	201	112	number10minuteperiods in 72hours, 3 sheets		
5	DateTime	Average	Elinor and	Elinor and	above12	above25	above35	12,25,35 micrograms per cubic meter PM2.5		
6	11/18/2023 6:50	52.7	33	31	18.7924	18.7924	18.7924	Wisconsin,Madison		Elinor and Gary A
7	11/18/2023 7:00		29	30	16.7364	16.7364	16.7364	11/18/2023 6:50	to	11/21/2023 6:40
8	11/18/2023 7:10		28	27	16.2224	16.2224	16.2224	Above 12 micrograms per cubic meter PM2.5?		
9	11/18/2023 7:20		30	28	17.2504	17.2504	17.2504	419	10	4190
10	11/18/2023 7:30		29	27	16.7364	16.7364	16.7364	data periods of 10 minutes equals periods x 10		
11	11/18/2023 7:40		26	27	15.1944	15.1944	15.1944	4190	60	69.83
12	11/18/2023 7:50		25	23	14.6804	14.6804	14.6804	minutes divided by 60=	hours in 3 days 72 hour	
13	11/18/2023 8:00		26	23	15.1944	15.1944	15.1944	69.83	72	96.99%
14	11/18/2023 8:10		24	24	14.1664	14.1664	14.1664	hours divided by 72 = % days > 12ug/m3 PM2.5		
15	11/18/2023 8:20		24	24	14.1664	14.1664	14.1664	Above 25 micrograms per cubic meter PM2.5?		
16	11/18/2023 8:30		25	26	14.6804	14.6804	14.6804	201	10	2010
17	11/18/2023 8:40		42	43	23.4184	23.4184	23.4184	data periods of 10 minutes equals periods x 10		
18	11/18/2023 8:50		36	36	20.3344	20.3344	20.3344	2010	60	33.5
19	11/18/2023 9:00		29	28	16.7364	16.7364	16.7364	minutes divided by 60=	hours in 3 days 72 hour	
20	11/18/2023 9:10		56	56	30.6144	30.6144	30.6144	33.5	72	46.53%
21	11/18/2023 9:20		60	63	32.6704	32.6704	32.6704	hours divided by 72 = % days > 25ug/m3 PM2.5		
22	11/18/2023 9:30		61	58	33.1844	33.1844	33.1844	Above 35 micrograms per cubic meter PM2.5?		
23	11/18/2023 9:40		53	53	29.0724	29.0724	29.0724	112	10	1120
24	11/18/2023 9:50		42	42	23.4184	23.4184	23.4184	data periods of 10 minutes equals periods x 10		
25	11/18/2023 10:00		25	25	14.6804	14.6804	14.6804	1120	60	18.67
26	11/18/2023 10:10		27	28	15.7084	15.7084	15.7084	minutes divided by 60=	hours in 3 days 72 hour	
27	11/18/2023 10:20		27	30	15.7084	15.7084	15.7084	18.67	72	25.93%
28	11/18/2023 10:30		29	33	16.7364	16.7364	16.7364	hours divided by 72 = % days > 12ug/m3 PM2.5		
29	11/18/2023 10:40		51	53	28.0444	28.0444	28.0444	Wisconsin,Madison		Elinor and Gary A
30	11/18/2023 10:50		53	52	29.0724	29.0724	29.0724	See all 3 days of Excel data on PDF at		
31	11/18/2023 11:00		34	36	19.3064	19.3064	19.3064	https://rawsepresidents.wordpress.com		
32	11/18/2023 11:10		39	38	21.8764	21.8764	21.8764	Check C4	18.7924	
33	11/18/2023 11:20		38	37	21.3624	21.3624	21.3624			
34	11/18/2023 11:30		36	37	20.3344	20.3344	20.3344			

us-epa-pm25-aqi | YELLOW 12 sort | ORANGE 25 sort | RED 35 sort

Correlation: PurpleAir to EPA (PA x 0.514)+1.8304

Wisconsin,Spring Green			APT-HILL A	
% 3 days >NAAQS		98.84%	34.95%	1.62%
APT-HILL A	12 ug/m3	25 ug/m3	35 ug/m3	
PA	0.514	1.8304		

number10minuteperiods in 72hours, 3 sheets

12,25,35 micrograms per cubic meter PM2.5

Wisconsin,Spring Green		APT-HILL A
11/18/2023 8:30	to	11/21/2023 8:20

Above 12 micrograms per cubic meter PM2.5?

427	10	4270

data periods of 10 minutes equals periods x 10

4270	60	71.17

minutes divided by 60= hours in 3 days 72 hour

71.17	72	98.84%

hours divided by 72 = % days > 12ug/m3 PM2.5

Above 25 micrograms per cubic meter PM2.5?

151	10	1510

data periods of 10 minutes equals periods x 10

1510	60	25.16666667

minutes divided by 60= hours in 3 days 72 hour

25.16666667	72	34.95%

hours divided by 72 = % days > 25ug/m3 PM2.5

Above 35 micrograms per cubic meter PM2.5?

7	10	70

data periods of 10 minutes equals periods x 10

70	60	1.17

minutes divided by 60= hours in 3 days 72 hour

1.17	72	1.62%

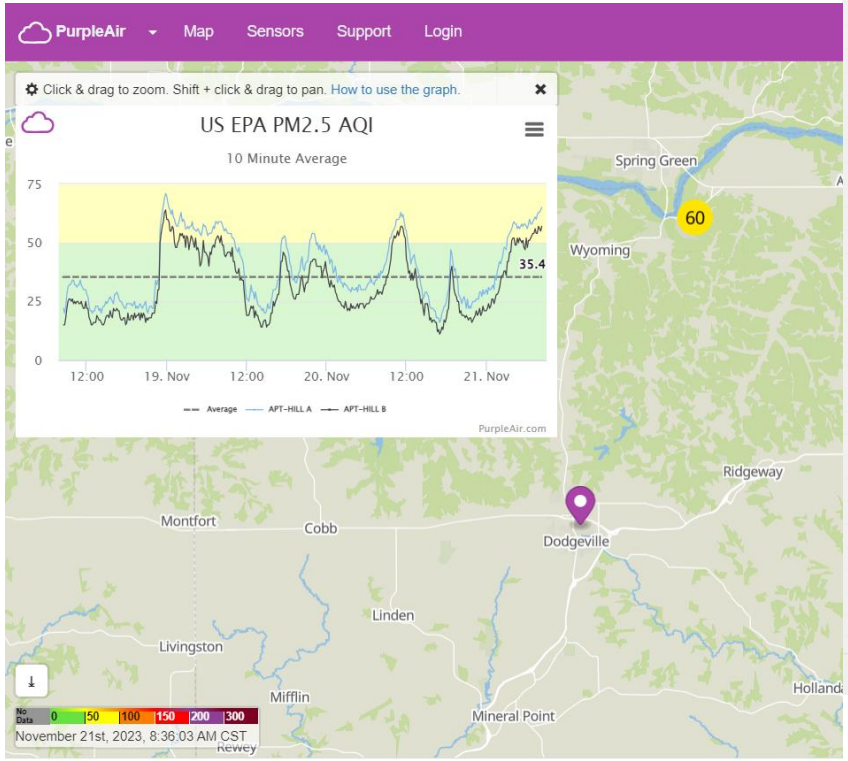
hours divided by 72 = % days > 12ug/m3 PM2.5

Wisconsin,Spring Green		APT-HILL A

See all 3 days of Excel data on PDF at

https://rawsepresidents.wordpress.com

% PM2.5 over 3 days	% above 12ug/m3 PM2.5	% above 25ug/m3 PM2.5	% above 35ug/m3 PM2.5
Wisconsin, LaFarge	24	0	0
Wisconsin, Madison	96	46	25
Wisconsin, Spring Green	98	34	1
Canada,Shulus,BC,Office	19	0	0
Canada,Vancouver,Woodland	61	20	6

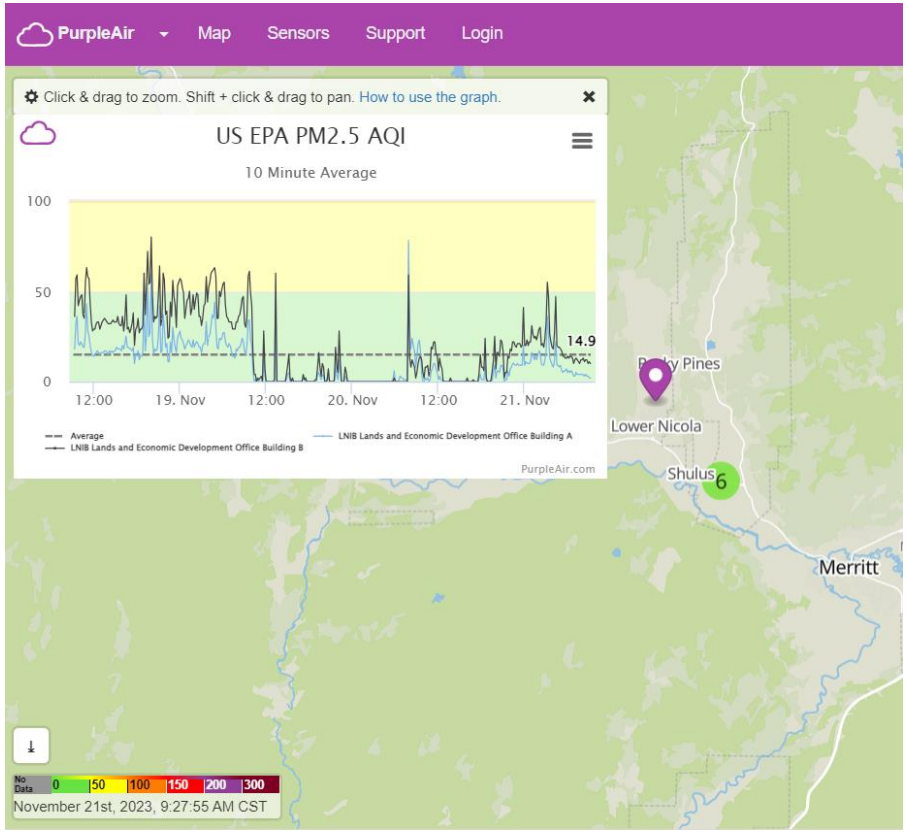


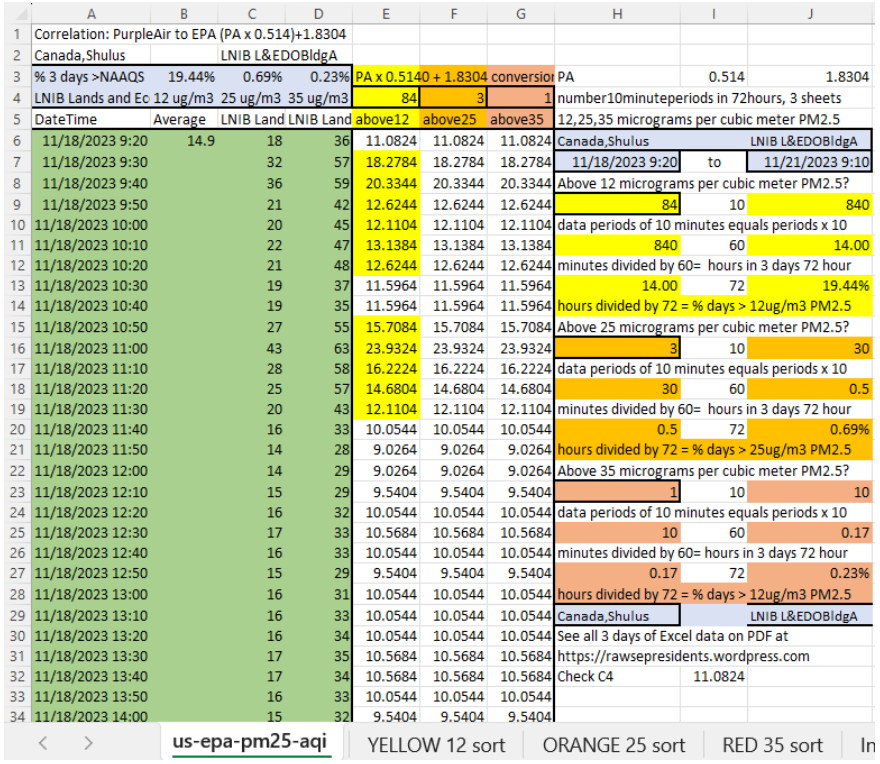
	A	B	C	D	E	F	G	H	I	J
1	Correlation: PurpleAir to EPA (PA x 0.514)+1.8304									
2	Wisconsin,Spring Green		APT-HILL A							
3	% 3 days >NAAQS	98.84%	34.95%	1.62%	PA x 0.514	0 + 1.8304	conversion	PA	0.514	1.8304
4	APT-HILL A	12 ug/m3	25 ug/m3	35 ug/m3	427	151	7	number10minuteperiods in 72hours, 3 sheets		
5	DateTime	Average	APT-HILL A	APT-HILL B	above12	above25	above35	12,25,35 micrograms per cubic meter PM2.5		
6	11/18/2023 8:30	35.4	22	15	13.1384	13.1384	13.1384	Wisconsin,Spring Green		APT-HILL A
7	11/18/2023 8:40		20	15	12.1104	12.1104	12.1104	11/18/2023 8:30	to	11/21/2023 8:20
8	11/18/2023 8:50		23	18	13.6524	13.6524	13.6524	Above 12 micrograms per cubic meter PM2.5?		
9	11/18/2023 9:00		28	22	16.2224	16.2224	16.2224	427	10	4270
10	11/18/2023 9:10		31	25	17.7644	17.7644	17.7644	data periods of 10 minutes equals periods x 10		
11	11/18/2023 9:20		32	26	18.2784	18.2784	18.2784	4270	60	71.17
12	11/18/2023 9:30		32	26	18.2784	18.2784	18.2784	minutes divided by 60= hours in 3 days 72 hour		
13	11/18/2023 9:40		33	25	18.7924	18.7924	18.7924	71.17	72	98.84%
14	11/18/2023 9:50		34	26	19.3064	19.3064	19.3064	hours divided by 72 = % days > 12ug/m3 PM2.5		
15	11/18/2023 10:00		34	24	19.3064	19.3064	19.3064	Above 25 micrograms per cubic meter PM2.5?		
16	11/18/2023 10:10		32	25	18.2784	18.2784	18.2784	151	10	1510
17	11/18/2023 10:20		32	24	18.2784	18.2784	18.2784	data periods of 10 minutes equals periods x 10		
18	11/18/2023 10:30		31	25	17.7644	17.7644	17.7644	1510	60	25.16666667
19	11/18/2023 10:40		32	25	18.2784	18.2784	18.2784	minutes divided by 60= hours in 3 days 72 hour		
20	11/18/2023 10:50		32	24	18.2784	18.2784	18.2784	25.16666667	72	34.95%
21	11/18/2023 11:00		34	24	19.3064	19.3064	19.3064	hours divided by 72 = % days > 25ug/m3 PM2.5		
22	11/18/2023 11:10		32	25	18.2784	18.2784	18.2784	Above 35 micrograms per cubic meter PM2.5?		
23	11/18/2023 11:20		31	23	17.7644	17.7644	17.7644	7	10	70
24	11/18/2023 11:30		30	22	17.2504	17.2504	17.2504	data periods of 10 minutes equals periods x 10		
25	11/18/2023 11:40		30	22	17.2504	17.2504	17.2504	70	60	1.17
26	11/18/2023 11:50		30	25	17.2504	17.2504	17.2504	minutes divided by 60= hours in 3 days 72 hour		
27	11/18/2023 12:00		28	22	16.2224	16.2224	16.2224	1.17	72	1.62%
28	11/18/2023 12:10		27	22	15.7084	15.7084	15.7084	hours divided by 72 = % days > 12ug/m3 PM2.5		
29	11/18/2023 12:20		23	18	13.6524	13.6524	13.6524	Wisconsin,Spring Green		APT-HILL A
30	11/18/2023 12:30		21	17	12.6244	12.6244	12.6244	See all 3 days of Excel data on PDF at		
31	11/18/2023 12:40		21	15	12.6244	12.6244	12.6244	https://rawsepresidents.wordpress.com		
32	11/18/2023 12:50		20	15	12.1104	12.1104	12.1104	Check C4	13.1384	
33	11/18/2023 13:00		21	16	12.6244	12.6244	12.6244			
34	11/18/2023 13:10		21	16	12.6244	12.6244	12.6244			

us-epa-pm25-aqi | YELLOW 12 sort | ORANGE 25 sort | RED 35 sort | Ins

Correlation: PurpleAir to EPA (PA x 0.514)+1.8304
Canada,Shulus LNIB L&EDOBldgA
% 3 days >NAAQS 19.44% 0.69% 0.23%
LNIB Lands and Economic Development Office Building A 12 ug/m3 25 ug/m3 35 ug/m3
PA 0.514 1.8304
number10minuteperiods in 72hours, 3 sheets
12,25,35 micrograms per cubic meter PM2.5
Canada,Shulus LNIB L&EDOBldgA
11/18/2023 9:20 to 11/21/2023 9:10
Above 12 micrograms per cubic meter PM2.5?
84 10 840
data periods of 10 minutes equals periods x 10
840 60 14.00
minutes divided by 60= hours in 3 days 72 hour
14.00 72 19.44%
hours divided by 72 = % days > 12ug/m3 PM2.5
Above 25 micrograms per cubic meter PM2.5?
3 10 30
data periods of 10 minutes equals periods x 10
30 60 0.5
minutes divided by 60= hours in 3 days 72 hour
0.5 72 0.69%
hours divided by 72 = % days > 25ug/m3 PM2.5
Above 35 micrograms per cubic meter PM2.5?
1 10 10
data periods of 10 minutes equals periods x 10
10 60 0.17
minutes divided by 60= hours in 3 days 72 hour
0.17 72 0.23%
hours divided by 72 = % days > 12ug/m3 PM2.5
Canada,Shulus LNIB L&EDOBldgA
See all 3 days of Excel data on PDF at
https://rawsepresidents.wordpress.com

% PM2.5 over 3 days	% above 12ug/m3 PM2.5	% above 25ug/m3 PM2.5	% above 35ug/m3 PM2.5
Wisconsin, LaFarge	24	0	0
Wisconsin, Madison	96	46	25
Wisconsin, Spring Green	98	34	1
Canada,Shulus,BC,Office	19	0	0
Canada,Vancouver,Woodland	61	20	6





	A	B	C	D	E	F	G	H	I	J
1	Correlation: PurpleAir to EPA (PA x 0.514)+1.8304									
2	Canada,Shulus		LNIB L&EDOBldgA							
3	% 3 days >NAAQS	19.44%	0.69%	0.23%	PA x 0.5140 + 1.8304		conversion	PA	0.514	1.8304
4	LNIB Lands and Ec	12 ug/m3	25 ug/m3	35 ug/m3	84	3	1	number10minuteperiods in 72hours, 3 sheets		
5	DateTime	Average	LNIB Land	LNIB Land	above12	above25	above35	12,25,35 micrograms per cubic meter PM2.5		
6	11/18/2023 9:20	14.9	18	36	11.0824	11.0824	11.0824	Canada,Shulus		LNIB L&EDOBldgA
7	11/18/2023 9:30		32	57	18.2784	18.2784	18.2784	11/18/2023 9:20	to	11/21/2023 9:10
8	11/18/2023 9:40		36	59	20.3344	20.3344	20.3344	Above 12 micrograms per cubic meter PM2.5?		
9	11/18/2023 9:50		21	42	12.6244	12.6244	12.6244	84	10	840
10	11/18/2023 10:00		20	45	12.1104	12.1104	12.1104	data periods of 10 minutes equals periods x 10		
11	11/18/2023 10:10		22	47	13.1384	13.1384	13.1384	840	60	14.00
12	11/18/2023 10:20		21	48	12.6244	12.6244	12.6244	minutes divided by 60= hours in 3 days 72 hour		
13	11/18/2023 10:30		19	37	11.5964	11.5964	11.5964	14.00	72	19.44%
14	11/18/2023 10:40		19	35	11.5964	11.5964	11.5964	hours divided by 72 = % days > 12ug/m3 PM2.5		
15	11/18/2023 10:50		27	55	15.7084	15.7084	15.7084	Above 25 micrograms per cubic meter PM2.5?		
16	11/18/2023 11:00		43	63	23.9324	23.9324	23.9324	3	10	30
17	11/18/2023 11:10		28	58	16.2224	16.2224	16.2224	data periods of 10 minutes equals periods x 10		
18	11/18/2023 11:20		25	57	14.6804	14.6804	14.6804	30	60	0.5
19	11/18/2023 11:30		20	43	12.1104	12.1104	12.1104	minutes divided by 60= hours in 3 days 72 hour		
20	11/18/2023 11:40		16	33	10.0544	10.0544	10.0544	0.5	72	0.69%
21	11/18/2023 11:50		14	28	9.0264	9.0264	9.0264	hours divided by 72 = % days > 25ug/m3 PM2.5		
22	11/18/2023 12:00		14	29	9.0264	9.0264	9.0264	Above 35 micrograms per cubic meter PM2.5?		
23	11/18/2023 12:10		15	29	9.5404	9.5404	9.5404	1	10	10
24	11/18/2023 12:20		16	32	10.0544	10.0544	10.0544	data periods of 10 minutes equals periods x 10		
25	11/18/2023 12:30		17	33	10.5684	10.5684	10.5684	10	60	0.17
26	11/18/2023 12:40		16	33	10.0544	10.0544	10.0544	minutes divided by 60= hours in 3 days 72 hour		
27	11/18/2023 12:50		15	29	9.5404	9.5404	9.5404	0.17	72	0.23%
28	11/18/2023 13:00		16	31	10.0544	10.0544	10.0544	hours divided by 72 = % days > 12ug/m3 PM2.5		
29	11/18/2023 13:10		16	33	10.0544	10.0544	10.0544	Canada,Shulus		LNIB L&EDOBldgA
30	11/18/2023 13:20		16	34	10.0544	10.0544	10.0544	See all 3 days of Excel data on PDF at		
31	11/18/2023 13:30		17	35	10.5684	10.5684	10.5684	https://rawsepresidents.wordpress.com		
32	11/18/2023 13:40		17	34	10.5684	10.5684	10.5684	Check C4	11.0824	
33	11/18/2023 13:50		16	33	10.0544	10.0544	10.0544			
34	11/18/2023 14:00		15	32	9.5404	9.5404	9.5404			

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Correlation: PurpleAir to EPA (PA x 0.514)+1.8304

Canada,Vancouver		Woodland Park A	
% 3 days >NAAQS	61.11%	20.60%	6.02%
Woodland Park A	12 ug/m3	25 ug/m3	35 ug/m3
PA	0.514	1.8304	

number10minuteperiods in 72hours, 3 sheets

12,25,35 micrograms per cubic meter PM2.5

Canada,Vancouver		Woodland Park A
11/18/2023 9:00	to	11/21/2023 8:50

Above 12 micrograms per cubic meter PM2.5?

264	10	2640

data periods of 10 minutes equals periods x 10

2640	60	44.00

minutes divided by 60= hours in 3 days 72 hour

44.00	72	61.11%

hours divided by 72 = % days > 12ug/m3 PM2.5

Above 25 micrograms per cubic meter PM2.5?

89	10	890

data periods of 10 minutes equals periods x 10

890	60	14.83333333

minutes divided by 60= hours in 3 days 72 hour

14.83333333	72	20.60%

hours divided by 72 = % days > 25ug/m3 PM2.5

Above 35 micrograms per cubic meter PM2.5?

26	10	260

data periods of 10 minutes equals periods x 10

260	60	4.33

minutes divided by 60= hours in 3 days 72 hour

4.33	72	6.02%

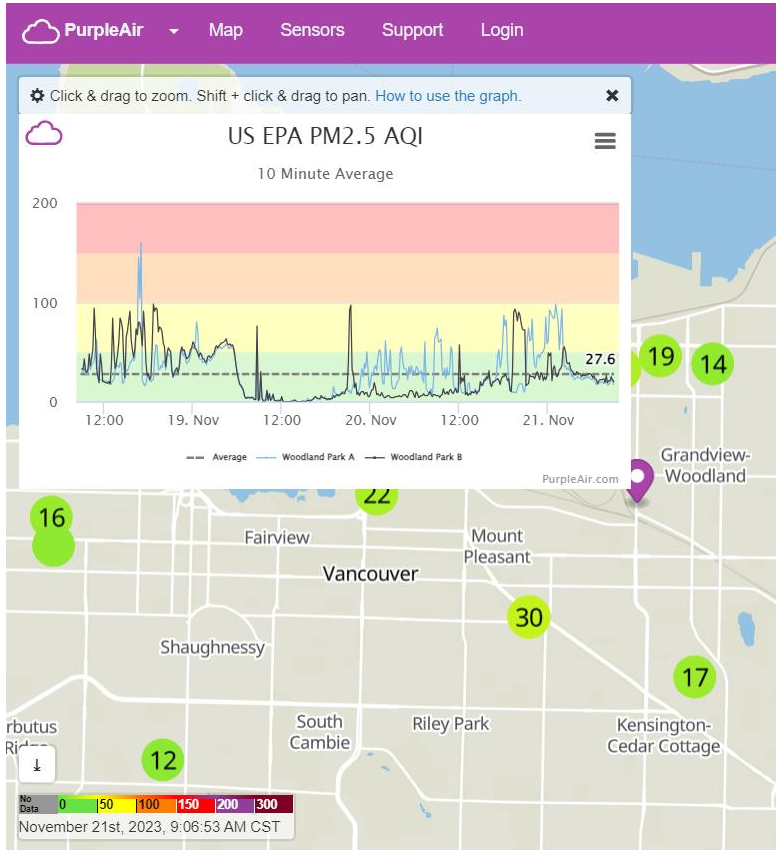
hours divided by 72 = % days > 12ug/m3 PM2.5

Canada,Vancouver	Woodland Park A

See all 3 days of Excel data on PDF at

https://rawsepresidents.wordpress.com

% PM2.5 over 3 days	% above 12ug/m3 PM2.5	% above 25ug/m3 PM2.5	% above 35ug/m3 PM2.5
Wisconsin, LaFarge	24	0	0
Wisconsin, Madison	96	46	25
Wisconsin, Spring Green	98	34	1
Canada,Shulus,BC,Office	19	0	0
Canada,Vancouver,Woodland	61	20	6



	A	B	C	D	E	F	G	H	I	J
1	Correlation: PurpleAir to EPA (PA x 0.514)+1.8304									
2	Canada,Vancouver		Woodland Park A							
3	% 3 days >NAAQS	61.11%	20.60%	6.02%	PA x 0.5140 + 1.8304	conversion		PA	0.514	1.8304
4	Woodland Park A	12 ug/m3	25 ug/m3	35 ug/m3	264	89	26	number10minuteperiods in 72hours, 3 sheets		
5	DateTime	Average	Woodland	Woodland	above12	above25	above35	12,25,35 micrograms per cubic meter PM2.5		
6	11/18/2023 9:00	27.6	30	33	17.2504	17.2504	17.2504	Canada,Vancouver		Woodland Park A
7	11/18/2023 9:10		29	32	16.7364	16.7364	16.7364	11/18/2023 9:00	to	11/21/2023 8:50
8	11/18/2023 9:20		35	43	19.8204	19.8204	19.8204	Above 12 micrograms per cubic meter PM2.5?		
9	11/18/2023 9:30		29	31	16.7364	16.7364	16.7364	264	10	2640
10	11/18/2023 9:40		27	29	15.7084	15.7084	15.7084	data periods of 10 minutes equals periods x 10		
11	11/18/2023 9:50		28	33	16.2224	16.2224	16.2224	2640	60	44.00
12	11/18/2023 10:00		38	48	21.3624	21.3624	21.3624	minutes divided by 60=	hours in 3 days 72 hour	
13	11/18/2023 10:10		32	36	18.2784	18.2784	18.2784	44.00	72	61.11%
14	11/18/2023 10:20		37	44	20.8484	20.8484	20.8484	hours divided by 72 = % days > 12ug/m3 PM2.5		
15	11/18/2023 10:30		39	53	21.8764	21.8764	21.8764	Above 25 micrograms per cubic meter PM2.5?		
16	11/18/2023 10:40		41	94	22.9044	22.9044	22.9044	89	10	890
17	11/18/2023 10:50		52	69	28.5584	28.5584	28.5584	data periods of 10 minutes equals periods x 10		
18	11/18/2023 11:00		62	33	33.6984	33.6984	33.6984	890	60	14.83333333
19	11/18/2023 11:10		39	25	21.8764	21.8764	21.8764	minutes divided by 60=	hours in 3 days 72 hour	
20	11/18/2023 11:20		22	19	13.1384	13.1384	13.1384	14.83333333	72	20.60%
21	11/18/2023 11:30		22	48	13.1384	13.1384	13.1384	hours divided by 72 = % days > 25ug/m3 PM2.5		
22	11/18/2023 11:40		22	37	13.1384	13.1384	13.1384	Above 35 micrograms per cubic meter PM2.5?		
23	11/18/2023 11:50		20	20	12.1104	12.1104	12.1104	26	10	260
24	11/18/2023 12:00		21	20	12.6244	12.6244	12.6244	data periods of 10 minutes equals periods x 10		
25	11/18/2023 12:10		20	19	12.1104	12.1104	12.1104	260	60	4.33
26	11/18/2023 12:20		21	19	12.6244	12.6244	12.6244	minutes divided by 60=	hours in 3 days 72 hour	
27	11/18/2023 12:30		20	18	12.1104	12.1104	12.1104	4.33	72	6.02%
28	11/18/2023 12:40		20	20	12.1104	12.1104	12.1104	hours divided by 72 = % days > 12ug/m3 PM2.5		
29	11/18/2023 12:50		17	18	10.5684	10.5684	10.5684	Canada,Vancouver		Woodland Park A
30	11/18/2023 13:00		18	37	11.0824	11.0824	11.0824	See all 3 days of Excel data on PDF at		
31	11/18/2023 13:10		21	84	12.6244	12.6244	12.6244	https://rawsepresidents.wordpress.com		
32	11/18/2023 13:20		22	51	13.1384	13.1384	13.1384	Check C4	17.2504	
33	11/18/2023 13:30		31	33	17.7644	17.7644	17.7644			
34	11/18/2023 13:40		36	38	20.3344	20.3344	20.3344			

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