

Episode 56MB November 24, 2023. Coast to Coast.

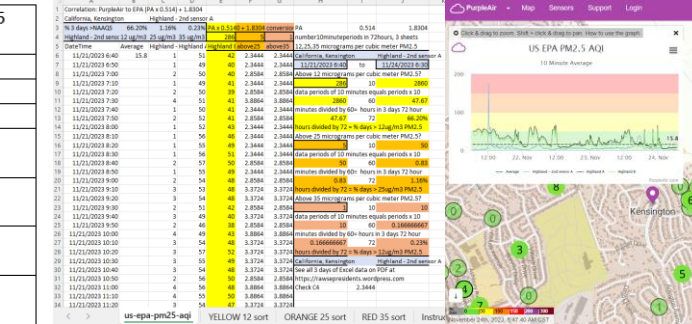
Location PM2.5 over 3 days	% above 12ug/m3 PM2.5			% above 25ug/m3 PM2.5		
% above 35ug/m3 PM2.5						
California, Kensington	66	1	0			
California, Trinidad	63	18	3			
Maine, Winslow	3	0	0			
Wisconsin, Black Earth, Daniel (Dane County)	48	11	0			
Wisconsin, LaFarge (Vernon County)	9	0	0			
Wisconsin, Elinor St, Madison (Dane County)	64	25	9			
Wisconsin, Irvington, Madison (Dane County) * only 49 hours	78	68	63			
Wisconsin, Spring Green (Sauk County)	53	11	1			
Canada, BC Parksville, Acacia N	30	14	8			
Canada, BC Shulus, Office	12	5	0			
Canada, Vancouver, Woodland	53	13	8			

Location PM2.5 over 3 days	% above 12ug/m3 PM2.5	% above 25ug/m3 PM2.5	% above 35ug/m3 PM2.5
California, Kensington	66	1	0
California, Trinidad	63	18	3
Maine, Winslow	3	0	0
Wisconsin, Black Earth, Daniel (Dane County)	48	11	0
Wisconsin, LaFarge (Vernon County)	9	0	0
Wisconsin, Elinor St, Madison (Dane County)	64	25	9
Wisconsin, Irvington, Madison (Dane County) * only 49 hours	78	68	63
Wisconsin, Spring Green (Sauk County)	53	11	1
Canada, BC Parksville, Acacia N	30	14	8
Canada, BC Shulus, Office	12	5	0
Canada, Vancouver, Woodland	53	13	8

Correlation: PurpleAir to EPA (PA x 0.514) + 1.830

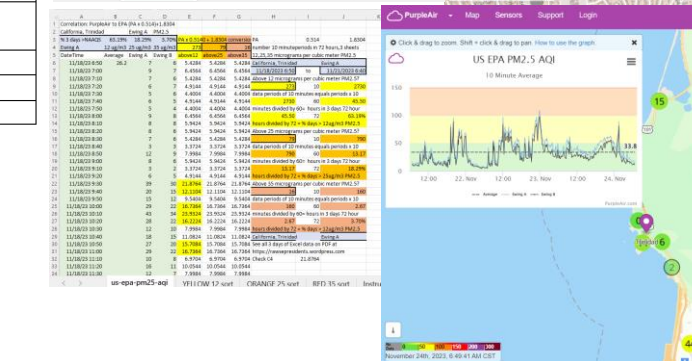
California, Kensington Highland - 2nd sens
% 3 days >NAAQS 66.20% 1.16% 0.23%
Highland - 2nd sensor A 12 ug/m3 25 ug/m3 35 ug/m3
number10minuteperiods in 72hours, 3 sheets
12,25,35 micrograms per cubic meter PM2.5
California, Kensington Highland - 2nd sensor A
11/21/2023 6:40 to 11/24/2023 6:30

Location PM2.5 over 3 days	% above 12ug/m3 PM2.5	% above 25ug/m3 PM2.5	% above 35ug/m3 PM2.5
California, Kensington	66	1	0
California, Trinidad	63	18	3
Maine, Winslow	3	0	0
Wisconsin, Black Earth, Daniel (Dane County)	48	11	0
Wisconsin, LaFarge (Vernon County)	9	0	0
Wisconsin, Elinor St, Madison (Dane County)	64	25	9
Wisconsin, Irvington, Madison (Dane County) * only 49 hours	78	68	63
Wisconsin, Spring Green (Sauk County)	53	11	1
Canada, BC Parksville, Acacia N	30	14	8
Canada, BC Shulus, Office	12	5	0
Canada, Vancouver, Woodland	53	13	8



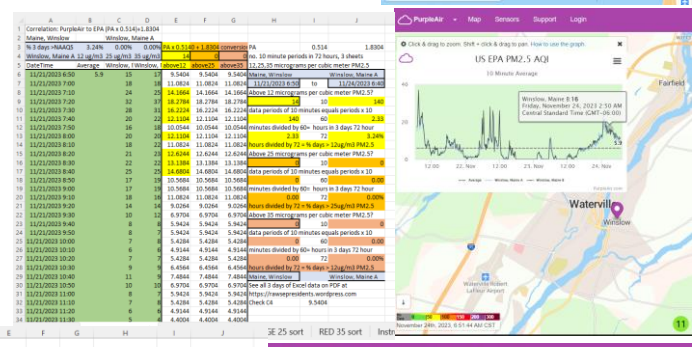
Correlation: PurpleAir to EPA (PA x 0.514)+1.8304

California, Trinidad Ewing A PM2.5
% 3 days >NAAQS 63.19% 18.29% 3.70%
Ewing A 12 ug/m3 25 ug/m3 35 ug/
number 10 minuteperiods in 72 hours,3 sheets
12,25,35 micrograms per cubic meter PM2.5
California, Trinidad Ewing A
11/18/2023 6:50 to 11/21/2023 6:40



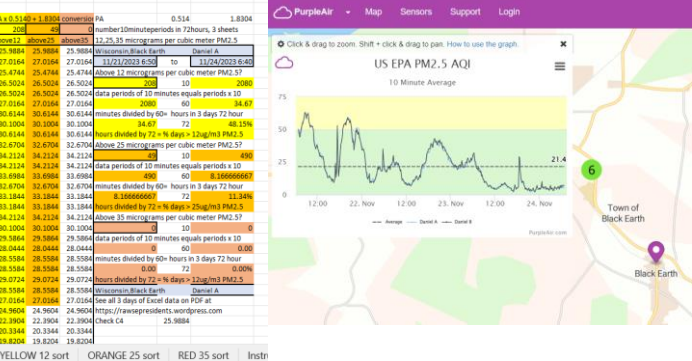
Correlation: PurpleAir to EPA (PA x 0.514)+1.8304

Maine, Winslow Winslow, Maine A
% 3 days >NAAQS 3.24% 0.00% 0.00%
Winslow, Maine A 12 ug/m3 25 ug/m3 35 ug/m3
no. 10 minute periods in 72 hours, 3 sheets
12,25,35 micrograms per cubic meter PM2.5
Maine, Winslow Winslow, Maine A
11/21/2023 6:50 to 11/24/2023 6:40



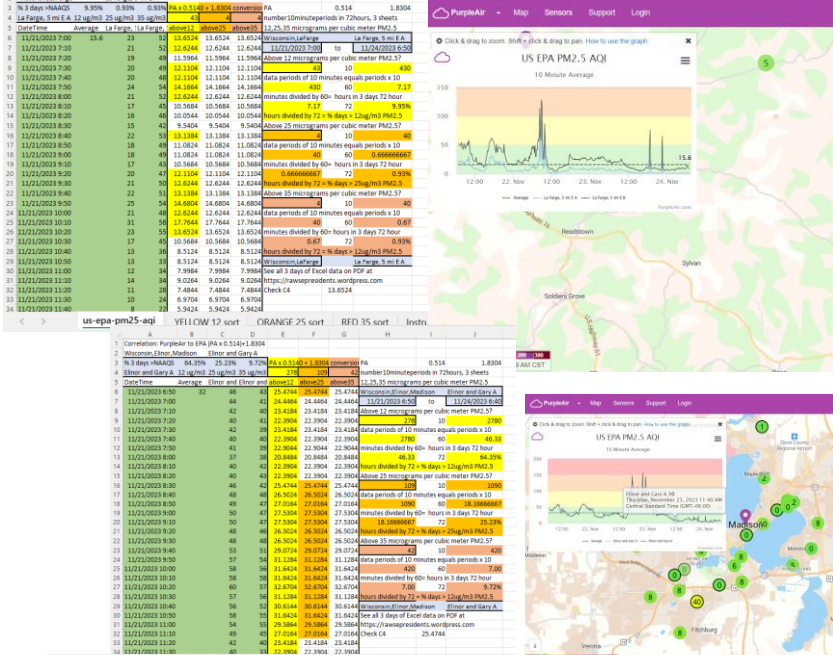
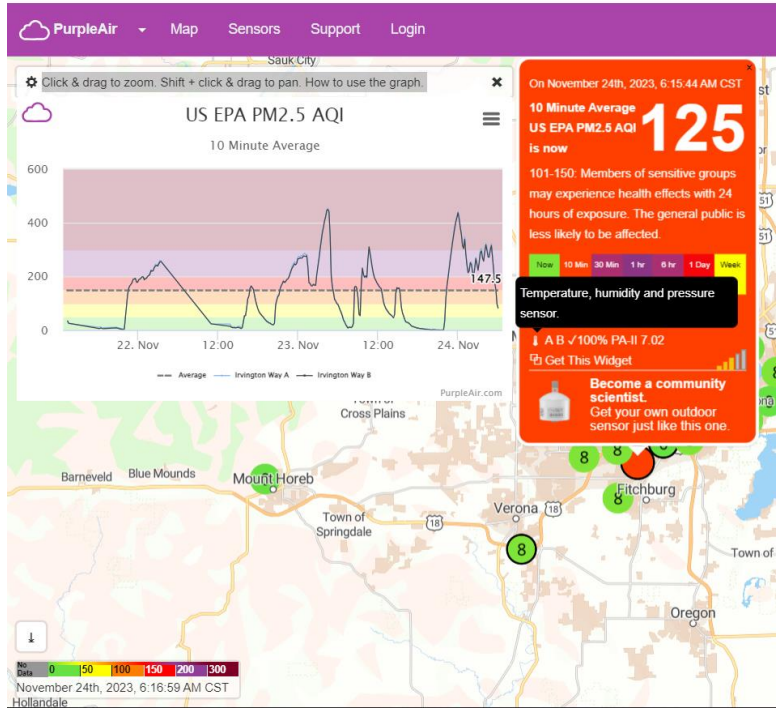
Correlation: PurpleAir to EPA (PA x 0.514)+1.8304

Wisconsin,Black Earth Daniel A
% 3 days >NAAQS 48.15% 11.34% 0.00%
Daniel A 12 ug/m3 25 ug/m3 35 ug/m3
number10minuteperiods in 72hours, 3 sheets
12,25,35 micrograms per cubic meter PM2.5
Wisconsin,Black Earth Daniel A
11/21/2023 6:50 to 11/24/2023 6:40



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

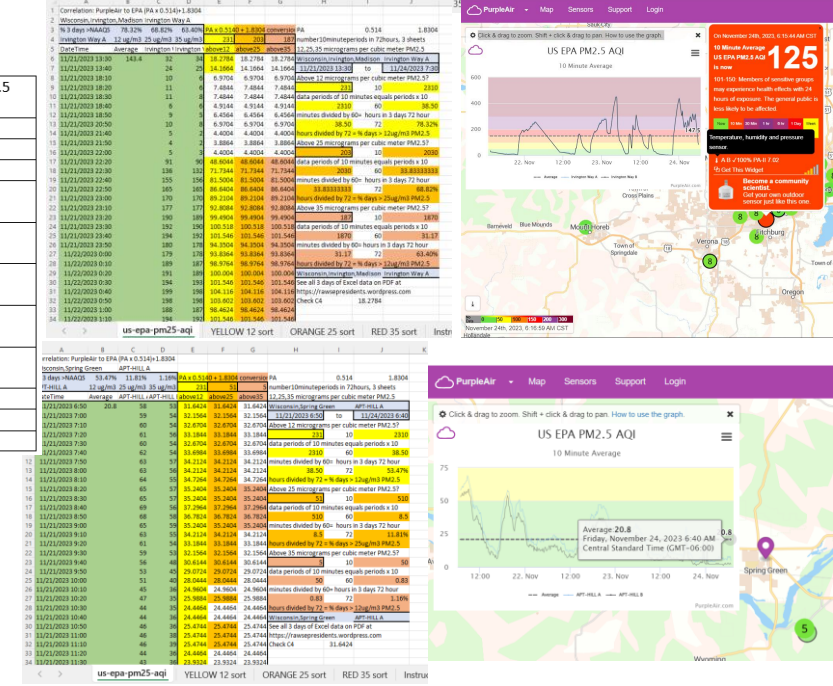
Wisconsin, LaFarge La Farge, 5 mi E A
 % 3 days >NAAQS 9.95% 0.93% 0.93%
 La Farge, 5 mi E A 12 ug/m3 25 ug/m3 35 ug/m3
 number 10 minute periods in 72 hours, 3 sheets
 12, 25, 35 micrograms per cubic meter PM2.5
 Wisconsin, LaFarge La Farge, 5 mi E A
 11/21/2023 7:00 to 11/24/2023 6:50



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

Wisconsin, Elinor, Madison Elinor and Gary A
 % 3 days >NAAQS 64.35% 25.23% 9.72%
 Elinor and Gary A 12 ug/m3 25 ug/m3 35 ug/m3
 number 10 minute periods in 72 hours, 3 sheets
 12, 25, 35 micrograms per cubic meter PM2.5
 Wisconsin, Elinor, Madison Elinor and Gary A
 11/21/2023 6:50 to 11/24/2023 6:40

Location PM2.5 over 3 days	% above 12ug/m3 PM2.5	% above 25ug/m3 PM2.5	% above 35ug/m3 PM2.5
California, Kensington	66	1	0
California, Trinidad	63	18	3
Maine, Winslow	3	0	0
Wisconsin, Black Earth, Daniel (Dane County)	48	11	0
Wisconsin, LaFarge (Vernon County)	9	0	0
Wisconsin, Elinor St, Madison (Dane County)	64	25	9
Wisconsin, Irvington, Madison (Dane County) * only 49 hours	78	68	63
Wisconsin, Spring Green (Sauk County)	53	11	1
Canada, BC Parksville, Acacia N	30	14	8
Canada, BC Shulus, Office	12	5	0
Canada, Vancouver, Woodland	53	13	8



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

Wisconsin, Irvington, Madison Irvington Way A
 % 3 days >NAAQS 78.32% 68.82% 63.40%
 Irvington Way A 12 ug/m3 25 ug/m3 35 ug/m3
 number 10 minute periods in 72 hours, 3 sheets
 12, 25, 35 micrograms per cubic meter PM2.5
 Wisconsin, Irvington, Madison Irvington Way A
 11/21/2023 13:30 to 11/24/2023 7:30

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

Wisconsin, Spring Green APT-HILL A
 % 3 days >NAAQS 53.47% 11.81% 1.16%
 APT-HILL A 12 ug/m3 25 ug/m3 35 ug/m3
 number 10 minute periods in 72 hours, 3 sheets
 12, 25, 35 micrograms per cubic meter PM2.5

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

Canada, Parksville

Parksville, Acacia

% 3 days >NAAQS 30.09% 14.12% 8.10%
 Acacia Street N Parksville, BC A 12 ug/m3 25 ug/m3 35 ug/m3

number 10 minute periods in 72 hours, 3 sheets
 12, 25, 35 micrograms per cubic meter PM2.5

Canada, Parksville

Parksville, Acacia

11/21/2023 7:00 to 11/24/2023 6:50

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

Canada, Shulus

LNIB L&EDOBldgA

% 3 days >NAAQS 12.50% 5.09% 0.69%

LNIB L&EDOBldgA 12 ug/m3 25 ug/m3 35 ug/m3

number 10 minute periods in 72 hours, 3 sheets

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

Canada, Shulus

LNIB L&EDOBldgA

11/21/2023 7:00 to 11/24/2023 6:50

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

Canada, Vancouver, Woodland

Park A

% 3 days >NAAQS 53.94% 13.43% 8.33%

Woodland Park A 12 ug/m3 25 ug/m3 35 ug/m3

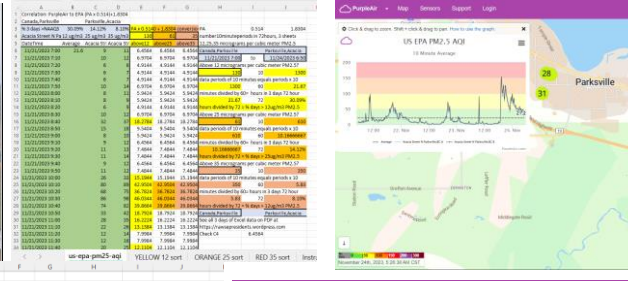
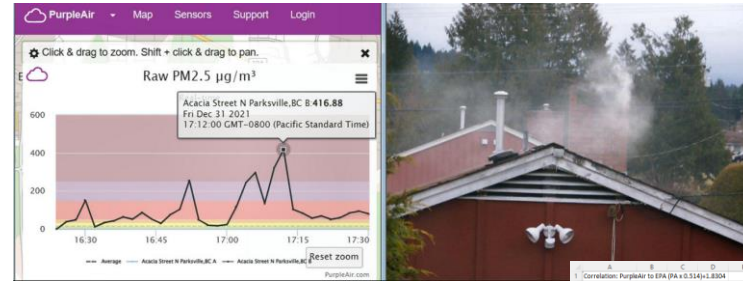
number 10 minute periods in 72 hours, 3 sheets

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

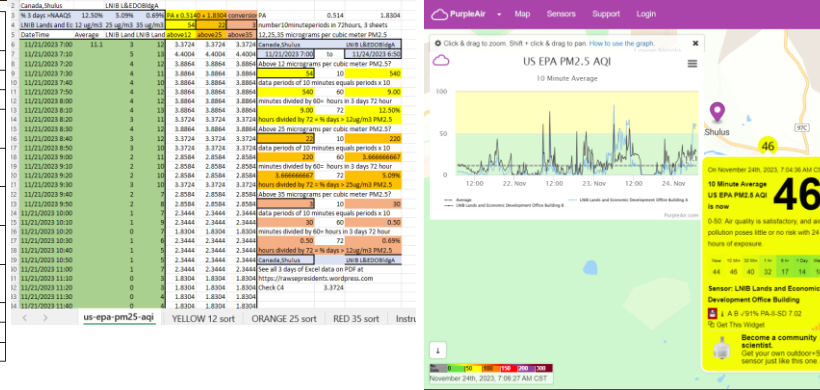
Canada, Vancouver, Woodland

Park A

11/21/2023 7:00 to 11/24/2023 6:50



Location PM2.5 over 3 days	% above 12ug/m3 PM2.5	% above 25ug/m3 PM2.5	% above 35ug/m3 PM2.5
California, Kensington	66	1	0
California, Trinidad	63	18	3
Maine, Winslow	3	0	0
Wisconsin, Black Earth, Daniel (Dane County)	48	11	0
Wisconsin, LaFarge (Vernon County)	9	0	0
Wisconsin, Elinor St, Madison (Dane County)	64	25	9
Wisconsin, Irvington, Madison (Dane County) * only 49 hours	78	68	63
Wisconsin, Spring Green (Sauk County)	53	11	1
Canada, BC Parksville, Acacia N	30	14	8
Canada, BC Shulus, Office	12	5	0
Canada, Vancouver, Woodland	53	13	8



DateTime	Average	Woodland Woodland	above12	above25	above35	12, 25, 35 micrograms per cubic meter PM2.5
11/21/2023 7:00	32.3	20	22	12.1104	12.1104	12.1104
11/21/2023 7:10	19	22	11.5964	11.5964	11.5964	11/21/2023 7:00 to 11/24/2023 6:50
11/21/2023 7:20	20	22	12.1104	12.1104	12.1104	Above 12 micrograms per cubic meter PM2.5?
11/21/2023 7:30	18	23	11.0824	11.0824	11.0824	233 10 2330
11/21/2023 7:40	19	19	11.5964	11.5964	11.5964	data periods of 10 minutes equals periods x 10
11/21/2023 7:50	21	26	12.6244	12.6244	12.6244	2330 60 38.83
11/21/2023 8:00	17	19	10.5684	10.5684	10.5684	minutes divided by 60= hours in 3 days 72 hour
11/21/2023 8:10	17	21	10.5684	10.5684	10.5684	38.83 72 53.94%
11/21/2023 8:20	19	21	11.5964	11.5964	11.5964	hours divided by 72 = % days > 12ug/m3 PM2.5
11/21/2023 8:30	22	25	13.1384	13.1384	13.1384	Above 25 micrograms per cubic meter PM2.5?
11/21/2023 8:40	16	22	12.6244	12.6244	12.6244	58 10 580
11/21/2023 8:50	17	20	10.5684	10.5684	10.5684	data periods of 10 minutes equals periods x 10
11/21/2023 9:00	17	18	10.5684	10.5684	10.5684	580 60 9.66666667
11/21/2023 9:10	17	19	10.5684	10.5684	10.5684	minutes divided by 60= hours in 3 days 72 hour
11/21/2023 9:20	17	20	10.5684	10.5684	10.5684	9.66666667 72 13.43%
11/21/2023 9:30	17	20	10.5684	10.5684	10.5684	hours divided by 72 = % days > 25ug/m3 PM2.5
11/21/2023 9:40	17	20	10.5684	10.5684	10.5684	Above 35 micrograms per cubic meter PM2.5?
11/21/2023 9:50	19	23	11.5964	11.5964	11.5964	36 10 360
11/21/2023 10:00	20	22	12.1104	12.1104	12.1104	data periods of 10 minutes equals periods x 10
11/21/2023 10:10	26	29	15.1944	15.1944	15.1944	360 60 6.00
11/21/2023 10:20	32	37	18.2784	18.2784	18.2784	minutes divided by 60= hours in 3 days 72 hour
11/21/2023 10:30	38	43	21.3624	21.3624	21.3624	6.00 72 8.33%
11/21/2023 10:40	35	43	19.8204	19.8204	19.8204	hours divided by 72 = % days > 12ug/m3 PM2.5
11/21/2023 10:50	74	41	39.8664	39.8664	39.8664	Canada Vancouver, Woodland Park A
11/21/2023 11:00	81	38	43.4644	43.4644	43.4644	See all 3 days of Excel data on PDF at
11/21/2023 11:10	81	30	43.4644	43.4644	43.4644	https://rawsepreidents.wordpress.com
11/21/2023 11:20	68	30	36.7824	36.7824	36.7824	Check C4 12.1104
11/21/2023 11:30	68	32	36.7824	36.7824	36.7824	
11/21/2023 11:40	58	31	31.6424	31.6424	31.6424	

