

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

Location PM2.5 over 3 days % above 12ug/m3 PM2.5 % above 125ug/m3 PM2.5

% above 35ug/m3 PM2.5

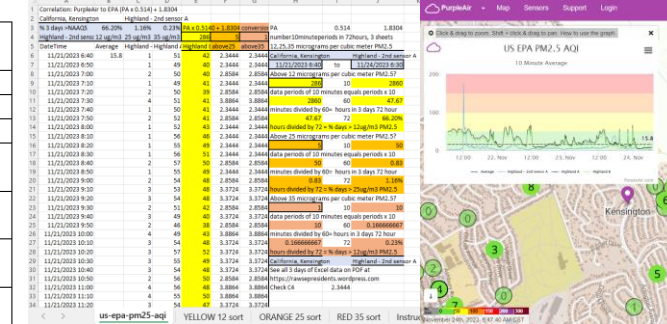
| | | | |
|---|----|----|----|
| California, Kensington | 66 | 1 | 0 |
| California, Trinidad | 63 | 18 | 3 |
| Maine, Winslow | 3 | 0 | 0 |
| Wisconsin, Black Earth, Daniel (Dane County) | 48 | 11 | 0 |
| Wisconsin, LaFarge (Vernon County) | 9 | 0 | 0 |
| Wisconsin, Elinor St, Madison (Dane County) | 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 125ug/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

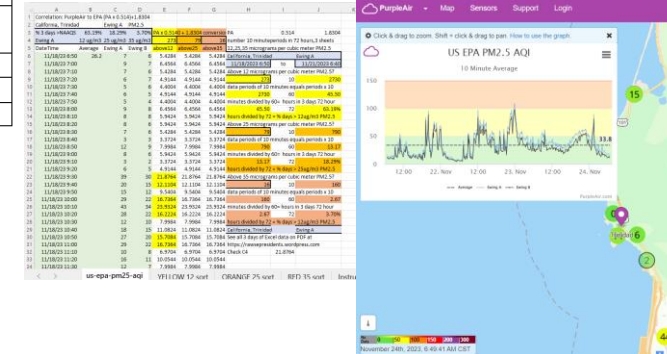
| Location | PM2.5 over 3 days | % above 12ug/m3 PM2.5 | % above 125ug/m3 PM2.5 | % above 35ug/m3 PM2.5 |
|---|-------------------|-----------------------|------------------------|-----------------------|
| California, Kensington | 66 | 1 | 0 | |
| California, Trinidad | 63 | 18 | 3 | |
| Maine, Winslow | 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

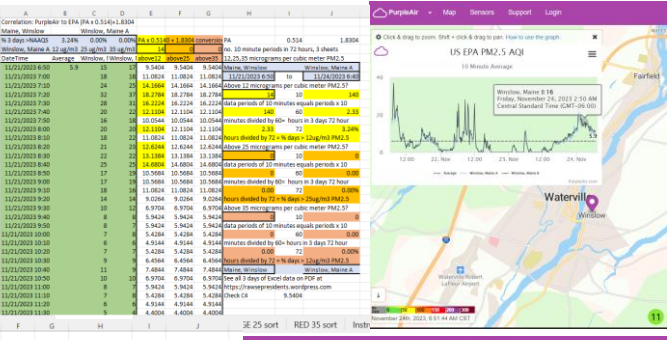
| Date/Time | Average | 12 ug/m3 | 25 ug/m3 | 35 ug/m3 |
|------------------|---------|----------|----------|----------|
| 11/18/2023 6:50 | 12 | 5 | 0 | |
| 11/18/2023 7:00 | 12 | 5 | 0 | |
| 11/18/2023 7:10 | 12 | 5 | 0 | |
| 11/18/2023 7:20 | 12 | 5 | 0 | |
| 11/18/2023 7:30 | 12 | 5 | 0 | |
| 11/18/2023 7:40 | 12 | 5 | 0 | |
| 11/18/2023 7:50 | 12 | 5 | 0 | |
| 11/18/2023 8:00 | 12 | 5 | 0 | |
| 11/18/2023 8:10 | 12 | 5 | 0 | |
| 11/18/2023 8:20 | 12 | 5 | 0 | |
| 11/18/2023 8:30 | 12 | 5 | 0 | |
| 11/18/2023 8:40 | 12 | 5 | 0 | |
| 11/18/2023 8:50 | 12 | 5 | 0 | |
| 11/18/2023 9:00 | 12 | 5 | 0 | |
| 11/18/2023 9:10 | 12 | 5 | 0 | |
| 11/18/2023 9:20 | 12 | 5 | 0 | |
| 11/18/2023 9:30 | 12 | 5 | 0 | |
| 11/18/2023 9:40 | 12 | 5 | 0 | |
| 11/18/2023 9:50 | 12 | 5 | 0 | |
| 11/18/2023 10:00 | 12 | 5 | 0 | |
| 11/18/2023 10:10 | 12 | 5 | 0 | |
| 11/18/2023 10:20 | 12 | 5 | 0 | |
| 11/18/2023 10:30 | 12 | 5 | 0 | |
| 11/18/2023 10:40 | 12 | 5 | 0 | |
| 11/18/2023 10:50 | 12 | 5 | 0 | |
| 11/18/2023 11:00 | 12 | 5 | 0 | |
| 11/18/2023 11:10 | 12 | 5 | 0 | |
| 11/18/2023 11:20 | 12 | 5 | 0 | |
| 11/18/2023 11:30 | 12 | 5 | 0 | |



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

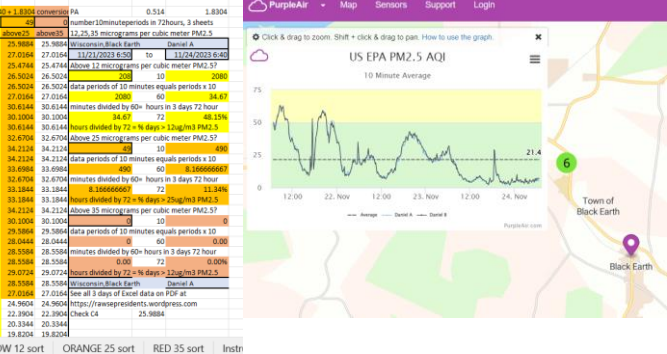
| Date/Time | Average | 12 ug/m3 | 25 ug/m3 | 35 ug/m3 |
|------------------|---------|----------|----------|----------|
| 11/21/2023 6:50 | 3 | 0 | 0 | |
| 11/21/2023 7:00 | 3 | 0 | 0 | |
| 11/21/2023 7:10 | 3 | 0 | 0 | |
| 11/21/2023 7:20 | 3 | 0 | 0 | |
| 11/21/2023 7:30 | 3 | 0 | 0 | |
| 11/21/2023 7:40 | 3 | 0 | 0 | |
| 11/21/2023 7:50 | 3 | 0 | 0 | |
| 11/21/2023 8:00 | 3 | 0 | 0 | |
| 11/21/2023 8:10 | 3 | 0 | 0 | |
| 11/21/2023 8:20 | 3 | 0 | 0 | |
| 11/21/2023 8:30 | 3 | 0 | 0 | |
| 11/21/2023 8:40 | 3 | 0 | 0 | |
| 11/21/2023 8:50 | 3 | 0 | 0 | |
| 11/21/2023 9:00 | 3 | 0 | 0 | |
| 11/21/2023 9:10 | 3 | 0 | 0 | |
| 11/21/2023 9:20 | 3 | 0 | 0 | |
| 11/21/2023 9:30 | 3 | 0 | 0 | |
| 11/21/2023 9:40 | 3 | 0 | 0 | |
| 11/21/2023 9:50 | 3 | 0 | 0 | |
| 11/21/2023 10:00 | 3 | 0 | 0 | |
| 11/21/2023 10:10 | 3 | 0 | 0 | |
| 11/21/2023 10:20 | 3 | 0 | 0 | |
| 11/21/2023 10:30 | 3 | 0 | 0 | |
| 11/21/2023 10:40 | 3 | 0 | 0 | |
| 11/21/2023 10:50 | 3 | 0 | 0 | |
| 11/21/2023 11:00 | 3 | 0 | 0 | |
| 11/21/2023 11:10 | 3 | 0 | 0 | |
| 11/21/2023 11:20 | 3 | 0 | 0 | |
| 11/21/2023 11:30 | 3 | 0 | 0 | |



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

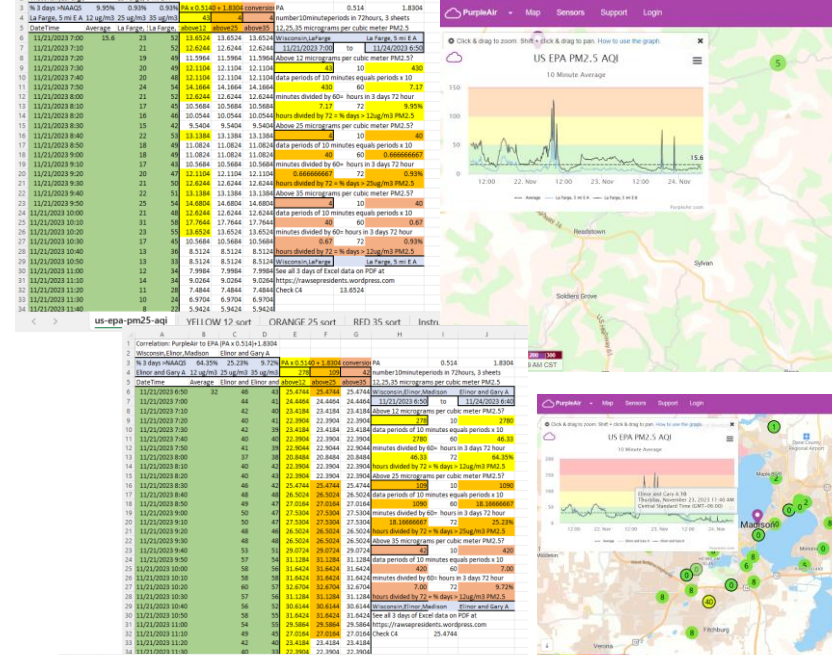
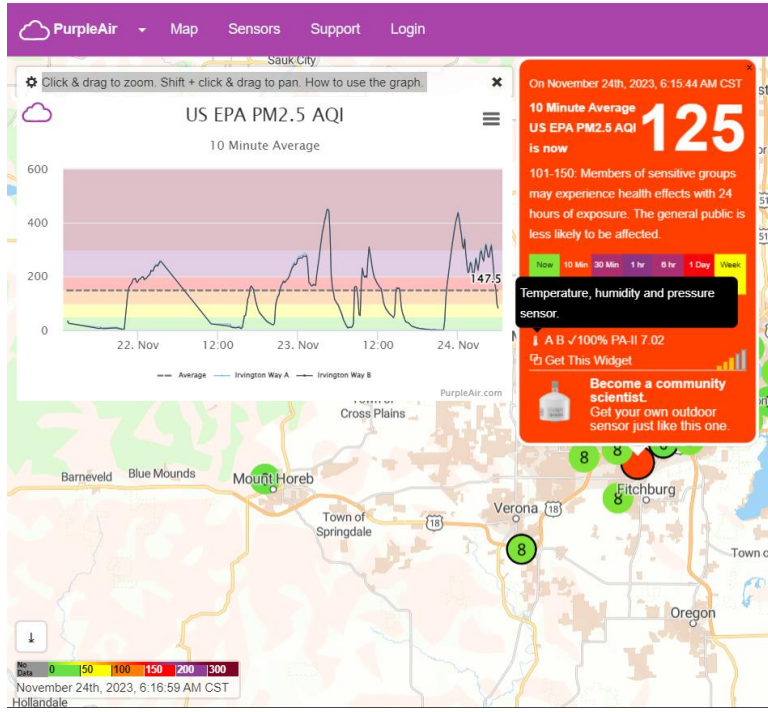
Wisconsin,Black Earth Daniel A
% 3 days >NAAQS 48.15% 11.34% 0.00%
Daniel A 12 ug/m3 25 ug/m3 35 ug/m3
number10minuteperiods in 72hours, 3 sheets
12,25,35 micrograms per cubic meter PM2.5
Wisconsin,Black Earth Daniel A
11/21/2023 6:50 to 11/24/2023 6:40

| Date/Time | Average | 12 ug/m3 | 25 ug/m3 | 35 ug/m3 |
|------------------|---------|----------|----------|----------|
| 11/21/2023 6:50 | 21 | 47 | 30 | |
| 11/21/2023 7:00 | 49 | 46 | 27 | |
| 11/21/2023 7:10 | 46 | 44 | 26 | |
| 11/21/2023 7:20 | 48 | 45 | 26 | |
| 11/21/2023 7:30 | 48 | 45 | 26 | |
| 11/21/2023 7:40 | 49 | 51 | 27 | |
| 11/21/2023 7:50 | 56 | 50 | 26 | |
| 11/21/2023 8:00 | 55 | 50 | 26 | |
| 11/21/2023 8:10 | 56 | 51 | 26 | |
| 11/21/2023 8:20 | 60 | 58 | 26 | |
| 11/21/2023 8:30 | 62 | 61 | 26 | |
| 11/21/2023 8:40 | 63 | 61 | 26 | |
| 11/21/2023 8:50 | 62 | 61 | 26 | |
| 11/21/2023 9:00 | 60 | 58 | 26 | |
| 11/21/2023 9:10 | 61 | 61 | 26 | |
| 11/21/2023 9:20 | 61 | 62 | 26 | |
| 11/21/2023 9:30 | 61 | 62 | 26 | |
| 11/21/2023 9:40 | 55 | 56 | 26 | |
| 11/21/2023 9:50 | 54 | 54 | 26 | |
| 11/21/2023 10:00 | 51 | 52 | 26 | |
| 11/21/2023 10:10 | 52 | 53 | 26 | |
| 11/21/2023 10:20 | 52 | 52 | 26 | |
| 11/21/2023 10:30 | 53 | 52 | 26 | |
| 11/21/2023 10:40 | 52 | 52 | 26 | |
| 11/21/2023 10:50 | 49 | 50 | 26 | |
| 11/21/2023 11:00 | 41 | 46 | 26 | |
| 11/21/2023 11:10 | 40 | 38 | 26 | |
| 11/21/2023 11:20 | 36 | 37 | 26 | |
| 11/21/2023 11:30 | 35 | 35 | 26 | |



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

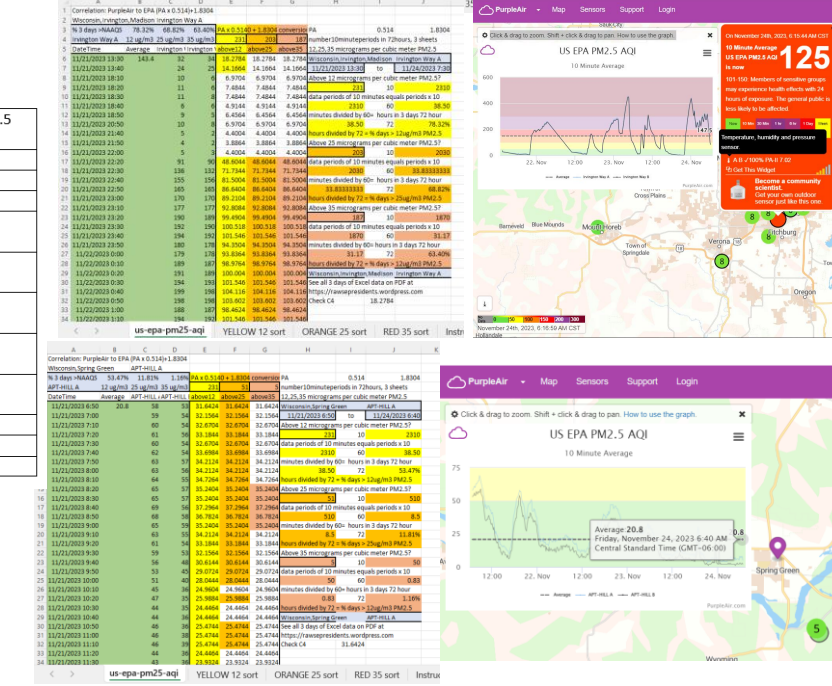
Wisconsin, LaFarge La Farge, 5 mi E A
 % 3 days >NAAQS 9.95% 0.93% 0.93%
 La Farge, 5 mi E A 12 ug/m3 25 ug/m3 35 ug/m3
 number 10 minute periods in 72 hours, 3 sheets
 12, 25, 35 micrograms per cubic meter PM2.5
 Wisconsin, LaFarge La Farge, 5 mi E A
 11/21/2023 7:00 to 11/24/2023 6:50



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 125ug/m3 PM2.5 | % above 35ug/m3 PM2.5 |
|---|-------------------|-----------------------|------------------------|-----------------------|
| California, Kensington | 66 | 1 | 0 | 0 |
| California, Trinidad | 63 | 18 | 3 | 0 |
| Maine, Winslow | 3 | 0 | 0 | 0 |
| Wisconsin, Black Earth, Daniel (Dane County) | 48 | 1 | 0 | 0 |
| Wisconsin, LaFarge (Vernon County) | 9 | 0 | 0 | 0 |
| Wisconsin, Elinor St, Madison (Dane County) * only 49 hours | 64 | 25 | 9 | 0 |
| Wisconsin, Irvington, Madison (Dane County) | 78 | 68 | 63 | 0 |
| Wisconsin, Spring Green (Sauk County) | 53 | 11 | 1 | 0 |
| Canada, BC Parksville, Acacia N | 30 | 14 | 8 | 0 |
| Canada, BC Shulus, Office | 12 | 5 | 0 | 0 |
| Canada, Vancouver, Woodland | 53 | 13 | 8 | 0 |



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&EDOBldg A

% 3 days >NAAQS 12.50% 5.09% 0.69%

LNIB L&EDOBldg 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, Shulus

LNIB L&EDOBldg A

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

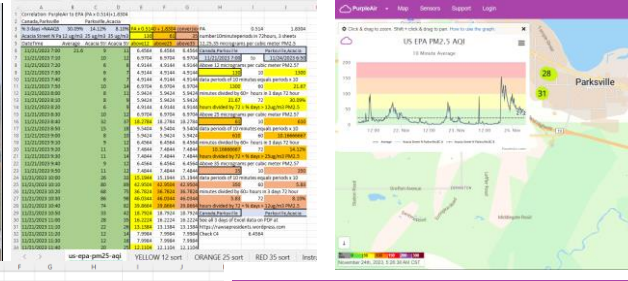
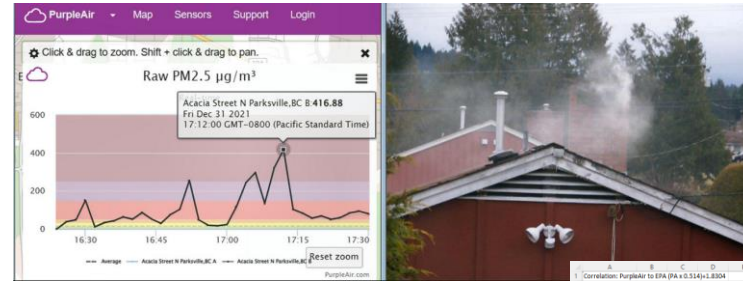
number 10 minute periods in 72 hours, 3 sheets

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

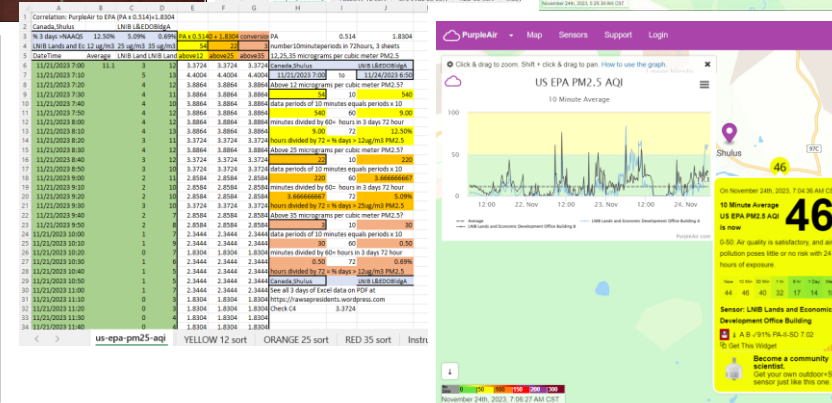
Canada, Vancouver, Woodland

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 125ug/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 | 11.5964 |
| 11/21/2023 7:20 | 20 | 22 | 12.1104 | 12.1104 | 12.1104 | 12.1104 |
| 11/21/2023 7:30 | 18 | 23 | 11.0824 | 11.0824 | 11.0824 | 11.0824 |
| 11/21/2023 7:40 | 19 | 19 | 11.5964 | 11.5964 | 11.5964 | 11.5964 |
| 11/21/2023 7:50 | 21 | 26 | 12.6244 | 12.6244 | 12.6244 | 12.6244 |
| 11/21/2023 8:00 | 17 | 19 | 10.5684 | 10.5684 | 10.5684 | 10.5684 |
| 11/21/2023 8:10 | 17 | 21 | 10.5684 | 10.5684 | 10.5684 | 10.5684 |
| 11/21/2023 8:20 | 19 | 21 | 11.5964 | 11.5964 | 11.5964 | 11.5964 |
| 11/21/2023 8:30 | 22 | 25 | 13.1384 | 13.1384 | 13.1384 | 13.1384 |
| 11/21/2023 8:40 | 16 | 21 | 12.6244 | 12.6244 | 12.6244 | 12.6244 |
| 11/21/2023 8:50 | 17 | 20 | 10.5684 | 10.5684 | 10.5684 | 10.5684 |
| 11/21/2023 9:00 | 17 | 18 | 10.5684 | 10.5684 | 10.5684 | 10.5684 |
| 11/21/2023 9:10 | 17 | 19 | 10.5684 | 10.5684 | 10.5684 | 10.5684 |
| 11/21/2023 9:20 | 17 | 20 | 10.5684 | 10.5684 | 10.5684 | 10.5684 |
| 11/21/2023 9:30 | 21 | 20 | 10.5684 | 10.5684 | 10.5684 | 10.5684 |
| 11/21/2023 9:40 | 17 | 20 | 10.5684 | 10.5684 | 10.5684 | 10.5684 |
| 11/21/2023 9:50 | 19 | 23 | 11.5964 | 11.5964 | 11.5964 | 11.5964 |
| 11/21/2023 10:00 | 20 | 22 | 12.1104 | 12.1104 | 12.1104 | 12.1104 |
| 11/21/2023 10:10 | 26 | 29 | 15.1944 | 15.1944 | 15.1944 | 15.1944 |
| 11/21/2023 10:20 | 32 | 37 | 18.2784 | 18.2784 | 18.2784 | 18.2784 |
| 11/21/2023 10:30 | 38 | 43 | 21.3624 | 21.3624 | 21.3624 | 21.3624 |
| 11/21/2023 10:40 | 35 | 43 | 19.8204 | 19.8204 | 19.8204 | 19.8204 |
| 11/21/2023 10:50 | 74 | 41 | 39.8664 | 39.8664 | 39.8664 | 39.8664 |
| 11/21/2023 11:00 | 81 | 38 | 43.4644 | 43.4644 | 43.4644 | 43.4644 |
| 11/21/2023 11:10 | 81 | 30 | 43.4644 | 43.4644 | 43.4644 | 43.4644 |
| 11/21/2023 11:20 | 68 | 30 | 36.7824 | 36.7824 | 36.7824 | 36.7824 |
| 11/21/2023 11:30 | 33 | 32 | 36.7824 | 36.7824 | 36.7824 | 36.7824 |
| 11/21/2023 11:40 | 58 | 31 | 31.6424 | 31.6424 | 31.6424 | 31.6424 |

