

Episode 56MO December 6, 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
1	California, Contra Costa County, Kensington	56	33	18
2	California, Humboldt County, Trinidad	85	62	37
3	Maine, Kennebec County, Winslow	35	14	9
4	Wisconsin, Dane County, Black Earth, Daniel	86	75	55
5	Wisconsin, Dane County, Madison, 950 Clarence	89	76	44
6	Wisconsin, Dane County, Madison, Dudgeon	88	76	53
7	Wisconsin, Dane County, Madison, Elinor Street	90	81	50
8	Wisconsin, Dane County, Madison, Faircrest	92	81	65
9	Wisconsin, Dane County, Madison, LaFollette	42	12	1
10	Wisconsin, Dane County, Madison, Sasy1	94	78	35
11	Wisconsin, Dane County, Madison, Turner	90	77	53
12	Wisconsin, Dane County, Maple Bluff, GoPackGo	89	35	18
13	Wisconsin, Marathon County, Wausau	84	44	4
14	Wisconsin, Sauk County, Spring Green	85	71	41
15	Wisconsin, Vernon County, LaFarge	78	42	1
16	Canada, BC Parksville, Acacia N	46	21	6
17	Canada, BC Shulus, Office	8	3	0
18	Canada, BC, Vancouver, Woodland	27	9	5

1)

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

12/3/2023 6:50to 12/6/2023 6:40

California, Kensington Highland A PM2.5

% 3 days >NAAQS 56.48% 33.56% 18.98%

Highland A 12 ug/m3 25 ug/m3 35 ug/m3

2)

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

12/3/2023 6:50to 12/6/2023 6:40

California, Trinidad Ewing A PM2.5

% 3 days >NAAQS 85.42% 62.04% 37.27%

Ewing A 12 ug/m3 25 ug/m3 35 ug/m3

3)

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

12/3/2023 6:50to 12/6/2023 6:40

Maine, Winslow Jefferson Elementary Winslow A

% 3 days >NAAQS 35.42% 14.35% 9.95%

Jefferson Elementary Winslow A 12 ug/m3 25 ug/m3 35 ug/m3

4)

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

12/3/2023 6:50to 12/6/2023 6:40

Wisconsin,Black Earth Daniel A

% 3 days >NAAQS 86.34% 75.93% 55.09%

Daniel A 12 ug/m3 25 ug/m3 35 ug/m3

5)

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

12/3/2023 6:40to 12/6/2023 6:30

Madison, WI 950 Clarence Ct A

% 3 days >NAAQS 89.35% 76.39% 44.44%

950 Clarence Ct A 12 ug/m3 25 ug/m3 35 ug/m3

6)

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

12/3/2023 7:00to 12/6/2023 6:40

WI Madison Dudgeon Monroe Dudgeon-Monroe A

% 3 days >NAAQS 88.66% 76.85% 53.70%

Dudgeon-Monroe A 12 ug/m3 25 ug/m3 35 ug/m3

7)

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

12/3/2023 6:40to 12/6/2023 6:30

Wisconsin,Elinor,Madison Elinor and Gary A

% 3 days >NAAQS 90.05% 81.25% 50.23%

Elinor and Gary A 12 ug/m3 25 ug/m3 35 ug/m3

8)

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

12/3/2023 6:40to 12/6/2023 6:30

Wisconsin,Elinor,Madison Faircrest A

% 3 days >NAAQS 92.36% 81.02% 65.51%

Faircrest A 12 ug/m3 25 ug/m3 35 ug/m3

9)

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

12/3/2023 6:40to 12/6/2023 6:30

WI Madison LaFollette LaFollette High School A

% 3 days >NAAQS 42.59% 12.04% 1.16%

LaFollette High School A 12 ug/m3 25 ug/m3 35 ug/m3

10)

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

12/3/2023 6:50to 12/6/2023 6:40

WI Madison Sasy1A SASY1A A

% 3 days >NAAQS 94.21% 78.01% 35.19%

SASY1A A 12 ug/m3 25 ug/m3 35 ug/m3

11)

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

12/3/2023 6:40to 12/6/2023 6:30

WI Madison Turner Turner A

% 3 days >NAAQS 90.97% 77.55% 53.70%

Turner A 12 ug/m3 25 ug/m3 35 ug/m3

12)

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

12/3/2023 6:40to 12/6/2023 6:30

WI Maple Bluff GoPackGo GoPackOutside A

% 3 days >NAAQS 89.35% 35.88% 18.98%

GoPackOutside A 12 ug/m3 25 ug/m3 35 ug/m3

13)

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

12/3/2023 6:30to 12/6/2023 6:20

WI Wausau 6WhitePillars A

% 3 days >NAAQS 84.95% 44.68% 4.17%

6WhitePillars A 12 ug/m3 25 ug/m3 35 ug/m3

14)

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

12/3/2023 6:30to 12/6/2023 6:20

WI Wausau 6WhitePillars A

% 3 days >NAAQS 84.95% 44.68% 4.17%
 6WhitePillars A 12 ug/m3 25 ug/m3 35 ug/m3
 15)

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

12/3/2023 6:50to 12/6/2023 6:40

WI Spring Green APT-HILL A

% 3 days >NAAQS 85.88% 71.06% 41.90%

APT-HILL A 12 ug/m3 25 ug/m3 35 ug/m3

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

12/3/2023 6:50to 12/6/2023 6:40

Wisconsin, LaFarge La Farge, 5 mi E A

% 3 days >NAAQS 78.94% 42.81% 1.34%

La Farge, 5 mi E A 12 ug/m3 25 ug/m3 35 ug/m3

16)

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

12/3/2023 6:50to 12/6/2023 6:40

Canada, Parksville Parksville, Acacia

% 3 days >NAAQS 46.06% 21.30% 6.25%

Acacia Street N Parksville, BC A 12 ug/m3 25 ug/m3 35 ug/m3

17)

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

12/3/2023 6:50to 12/6/2023 6:40

Canada, Shulus LNIB L&EDOBldgA

% 3 days >NAAQS 8.56% 3.24% 0.23%

LNIB Lands and Economic Development Office Building A 12 ug/m3 25 ug/m3 35 ug/m3

18)

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

12/3/2023 6:50to 12/6/2023 6:40

Canada, Vancouver, Woodland Park A

% 3 days >NAAQS 27.78% 9.72% 5.56%

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

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