

Episode 56MS December 9, 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	15	8	5
2	California, Humboldt County, Trinidad	63	33	18
3	Maine, Kennebec County, Winslow	83	22	6
4	Wisconsin, Dane County, Black Earth, Daniel	96	64	28
5	Wisconsin, Dane County, Madison, 950 Clarence	99	84	44
6	Wisconsin, Dane County, Madison, Dudgeon	99	82	47
7	Wisconsin, Dane County, Madison, Elinor Street	99	98	59
8	Wisconsin, Dane County, Madison, Faircrest	98	81	46
9	Wisconsin, Dane County, Madison, LaFollette	62	24	4
10	Wisconsin, Dane County, Madison, Sasy1	100	93	40
11	Wisconsin, Dane County, Madison, Turner	96	66	25
12	Wisconsin, Dane County, Maple Bluff, GoPackGo	99	61	24
13	Wisconsin, Marathon County, Wausau	91	58	20
14	Wisconsin, Sauk County, Spring Green	99	73	25
15	Wisconsin, Vernon County, LaFarge	59	5	1
16	Canada, BC Parksville, Acacia N	52	24	10
17	Canada, BC Shulus, Office	11	2	0
18	Canada, BC, Vancouver, Woodland	36	11	0

1)

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

12/6/2023 6:40 to 12/9/2023 6:30

California, Kensington Highland A PM2.5

% 3 days >NAAQS 15.05% 8.33% 5.56%

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

2)

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

12/6/2023 6:40 to 12/9/2023 6:30

California, Trinidad Ewing A PM2.5

% 3 days >NAAQS 63.66% 33.80% 18.06%

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

3)

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

12/6/2023 6:40 to 12/9/2023 6:30

Maine, Winslow Winslow, Maine A

% 3 days >NAAQS 83.10% 22.69% 6.94%

Winslow, Maine A 12 ug/m3 25 ug/m3 35 ug/m3

4)

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

12/6/2023 6:40 to 12/9/2023 6:30

Wisconsin, Black Earth Daniel A

% 3 days >NAAQS 96.53% 64.58% 28.01%

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

5)

Correlation: PurpleAir to EPA (PA x 0.514)+1.8304
12/6/2023 6:40to 12/9/2023 6:30
Madison, WI 950 Clarence Ct A
% 3 days >NAAQS 99.54% 84.03% 44.68%
950 Clarence Ct A 12 ug/m3 25 ug/m3 35 ug/m3
6)

Correlation: PurpleAir to EPA (PA x 0.514)+1.8304
12/6/2023 6:40to 12/9/2023 6:20
WI Madison Dudgeon Monroe Dudgeon-Monroe A
% 3 days >NAAQS 99.07% 82.64% 47.22%
Dudgeon-Monroe A 12 ug/m3 25 ug/m3 35 ug/m3
7)

Correlation: PurpleAir to EPA (PA x 0.514)+1.8304
12/6/2023 6:40to 12/9/2023 6:30
Wisconsin,Elinor,Madison Elinor and Gary A
% 3 days >NAAQS 99.77% 98.38% 59.26%
Elinor and Gary A 12 ug/m3 25 ug/m3 35 ug/m3
8)

Correlation: PurpleAir to EPA (PA x 0.514)+1.8304
12/6/2023 6:50to 12/6/2023 6:30
WI Madison Faircrest Faircrest A
% 3 days >NAAQS 98.15% 81.48% 46.06%
Faircrest A 12 ug/m3 25 ug/m3 35 ug/m3
9)

Correlation: PurpleAir to EPA (PA x 0.514)+1.8304
12/6/2023 6:50to 12/9/2023 6:40
WI Madison LaFollette LaFollette High School A
% 3 days >NAAQS 62.04% 24.77% 4.63%
LaFollette High School A 12 ug/m3 25 ug/m3 35 ug/m3
10)

Correlation: PurpleAir to EPA (PA x 0.514)+1.8304
12/6/2023 6:50to 12/9/2023 6:40
WI Madison Sasy1A SASY1A A
% 3 days >NAAQS 100.00% 93.06% 40.97%
SASY1A A 12 ug/m3 25 ug/m3 35 ug/m3
11)

Correlation: PurpleAir to EPA (PA x 0.514)+1.8304
12/6/2023 6:50to 12/9/2023 6:40
WI Madison Turner Turner A
% 3 days >NAAQS 96.53% 66.20% 25.69%
Turner A 12 ug/m3 25 ug/m3 35 ug/m3
12)

Correlation: PurpleAir to EPA (PA x 0.514)+1.8304
12/6/2023 6:50to 12/9/2023 6:40
WI Maple Bluff GoPackGo GoPackOutside A
% 3 days >NAAQS 99.07% 61.34% 24.54%
GoPackOutside A 12 ug/m3 25 ug/m3 35 ug/m3
13)

Correlation: PurpleAir to EPA (PA x 0.514)+1.8304
12/6/2023 6:50to 12/9/2023 6:40
WI Wausau 6WhitePillars A
% 3 days >NAAQS 91.20% 58.56% 20.37%
6WhitePillars A 12 ug/m3 25 ug/m3 35 ug/m3

14)

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

12/6/2023 6:50to 12/9/2023 6:40

WI Spring Green APT-HILL A

% 3 days >NAAQS 99.77% 73.15% 25.46%

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

15)

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

12/6/2023 6:50to 12/9/2023 6:40

Wisconsin, LaFarge La Farge, 5 mi E A

% 3 days >NAAQS 59.87% 5.88% 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

12/6/2023 6:50to 12/9/2023 6:40

Canada, Parksville Parksville, Acacia

% 3 days >NAAQS 52.08% 24.31% 10.88%

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

12/6/2023 6:50to 12/9/2023 6:40

Canada, Shulus LNIB L&EDOBldgA

% 3 days >NAAQS 11.34% 2.31% 0.46%

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

12/6/2023 7:00to 12/9/2023 6:50

Canada, Vancouver, Woodland Park A

% 3 days >NAAQS 36.11% 11.81% 0.93%

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

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