

Episode 56KT November 1, 2023. Coast to Coast

West Coast In summary: the Trinidad California PurpleAir PM2.5 monitor showed above 12 micrograms per cubic meter 72% of the last 3 days.

Trinidad California PurpleAir PM2.5 monitors showed above 25 micrograms per cubic meter 13% of the last 3 days.

Trinidad California PurpleAir PM2.5 monitor showed above 35 micrograms per cubic meter 5% of the last 3 days.

East Coast in summary: the Cape Small Harbor, Maine PurpleAir PM2.5 monitor showed above 12 micrograms per cubic meter 21% of the last 3 days.

Cape Small Harbor, Maine PurpleAir PM2.5 monitors showed above 25 micrograms per cubic meter 7% of the last 3 days.

Cape Small Harbor, Maine PurpleAir PM2.5 monitor showed above 35 micrograms per cubic meter 1% of the last 3 days.

Midwest in summary: the Madison, Wisconsin PurpleAir PM2.5 monitor showed above 12 micrograms per cubic meter 100% of the last 3 days.

Madison, Wisconsin PurpleAir PM2.5 monitors showed above 25 micrograms per cubic meter 43% of the last 3 days.

Madison, Wisconsin PurpleAir PM2.5 monitor showed above 35 micrograms per cubic meter 19% of the last 3 days.

	% Above 12 ug/m3	% Above 25 ug/m3	% Above 35 ug/m3
California, West Coast	72	13	5
Maine, East Coast	21	7	1
Wisconsin, Midwest	100	43	19

PA 0.514 1.8304

no. 10 minute periods in 72 hours, 3 sheets

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

Trinidad, California PM2.5 Monitor on Ewing St

10/29/2023 6:50 to 11/1/2023 6:40

Above 12 micrograms per cubic meter PM2.5?

313 10 3130

data periods of 10 minutes equals periods x 10

3130 60 52.16666667

minutes divided by 60= hours in 3 days 72 hour

52.16666667 72 72.45%

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

Above 25 micrograms per cubic meter PM2.5?

59 10 590

data periods of 10 minutes equals periods x 10

590 60 9.833333333

minutes divided by 60= hours in 3 days 72 hour

9.833333333 72 13.66%

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

Above 35 micrograms per cubic meter PM2.5?

25 10 250

data periods of 10 minutes equals periods x 10

250 60 4.166666667

minutes divided by 60= hours in 3 days 72 hour

4.166666667 72 5.79%

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

Trinidad, California PM2.5 Monitor on Ewing St

See all 3 days of Excell data on PDF at

<https://rawsepresidents.wordpress.com>

PA 0.514 1.8304

no. 10 minute periods in 72 hours, 3 sheets

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

Maine PM2.5 Monitor CapeSmallHarbor

10/29/2023 6:50 to 11/1/2023 6:40

Above 12 micrograms per cubic meter PM2.5?

95 10 950  
data periods of 10 minutes equals periods x 10  
950 60 15.83333333  
minutes divided by 60= hours in 3 days 72 hour  
15.83333333 72 **21.99%**

hours divided by 72 = % days > 12ug/m3 PM2.5  
Above 25 micrograms per cubic meter PM2.5?  
33 10 330

data periods of 10 minutes equals periods x 10  
330 60 5.5  
minutes divided by 60= hours in 3 days 72 hour  
5.5 72 7.64%

hours divided by 72 = % days > 25ug/m3 PM2.5  
Above 35 micrograms per cubic meter PM2.5?  
8 10 80

data periods of 10 minutes equals periods x 10  
80 60 1.333333333  
minutes divided by 60= hours in 3 days 72 hour  
1.333333333 72 1.85%

hours divided by 72 = % days > 12ug/m3 PM2.5  
Maine PM2.5 Monitor CapeSmallHarbor  
See all 3 days of Excell data on PDF at  
<https://rawsepresidents.wordpress.com>

PA 0.514 1.8304  
no. 10 minute periods in 72 hours, 3 sheets  
12, 25 or 35 micrograms per cubic meter PM2.5  
Wisconsin, Madison Elinor&Gary PM2.5  
10/29/2023 6:40 to 11/1/2023 6:30

Above 12 micrograms per cubic meter PM2.5?  
432 10 4320  
data periods of 10 minutes equals periods x 10  
4320 60 72

minutes divided by 60= hours in 3 days 72 hour  
72 72 **100.00%**  
hours divided by 72 = % days > 12ug/m3 PM2.5  
Above 25 micrograms per cubic meter PM2.5?

189 10 1890  
data periods of 10 minutes equals periods x 10  
1890 60 31.5  
minutes divided by 60= hours in 3 days 72 hour  
31.5 72 43.75%

hours divided by 72 = % days > 25ug/m3 PM2.5  
Above 35 micrograms per cubic meter PM2.5?  
85 10 850

data periods of 10 minutes equals periods x 10  
850 60 14.16666667  
minutes divided by 60= hours in 3 days 72 hour  
14.16666667 72 19.68%

hours divided by 72 = % days > 12ug/m3 PM2.5  
Wisconsin, Madison Elinor&Gary PM2.5  
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