

Episode 56KA October 18, 2023. Coast to Coast. California, Maine & Wisconsin PM2.5 monitor data showing NAAQS exceedance.

Slide 1

Entire Excel sheet saved as PDF of PurpleAir Data readings for each location uploaded to

<https://rawsepresidents.wordpress.com>

1)California, Trinidad residence near neighbor of indoor residential wood burner.

PA x 0.5140 + 1.8304 WI conversion math formula

October 14 7am to October 17, 2023 Ewing A

Above 35 micrograms per cubic meter PM2.5

Yes, multiple time, see RED FILL

Above 25 micrograms per cubic meter PM2.5

Yes, multiple time, see ORANGE FILL

Above 12 micrograms per cubic meter PM2.5

Yes, multiple times see YELLOW FILL

432 data points 10 minutes apart for 3 days

Ewing A is at a Trinidad, California residence

2)Maine, Waterville area near neighbor of indoor residential wood burner

PM2.5 monitor is not yet hyper-localized, so does not catch PM2.5 levels near indoor residential wood burner.

PA x 0.5140 + 1.8304 WI conversion math formula

October 14 7am to October 17, 2023 Winslow

Above 12 micrograms per cubic meter PM2.5

Yes, multiple time

432 data points 10 minutes apart for 3 days

3)Wisconsin, Madison PM2.5 monitor of near neighbor of indoor residential wood burner.

PA x 0.5140 + 1.8304 WI conversion math formula

October 14 7am to October 17, 2023 Elinor & Gary

Above 12 micrograms per cubic meter PM2.5

No, not above 12 during these three days

432 data points 10 minutes apart for 3 days

Slide 2

Entire Excel sheet saved as PDF of PurpleAir Data readings for each location uploaded to

<https://rawsepresidents.wordpress.com>

1)California, Trinidad residence near neighbor of indoor residential wood burner.

PA x 0.5140 + 1.8304 WI conversion math formula

October 14 7am to October 17, 2023 Ewing A

Above 35 micrograms per cubic meter PM2.5

Yes, multiple time, see RED FILL

Above 25 micrograms per cubic meter PM2.5

Yes, multiple time, see ORANGE FILL

Above 12 micrograms per cubic meter PM2.5

Yes, multiple times see YELLOW FILL

432 data points 10 minutes apart for 3 days

Ewing A is at a Trinidad, California residence

2)Maine, Waterville area near neighbor of indoor residential wood burner

PM2.5 monitor is not yet hyper-localized, so does not catch PM2.5 levels near indoor residential wood burner.

PA x 0.5140 + 1.8304 WI conversion math formula

October 14 7am to October 17, 2023 Winslow

Above 12 micrograms per cubic meter PM2.5

Yes, multiple time

432 data points 10 minutes apart for 3 days

3)Wisconsin, Madison PM2.5 monitor of near neighbor of indoor residential wood burner.

PA x 0.5140 + 1.8304 WI conversion math formula

October 14 7am to October 17, 2023 Elinor & Gary

Above 12 micrograms per cubic meter PM2.5

No, not above 12 during these three days

432 data points 10 minutes apart for 3 days

Slide 3

Entire Excel sheet saved as PDF of PurpleAir Data readings for each location uploaded to

<https://rawsepresidents.wordpress.com>

1)California, Trinidad residence near neighbor of indoor residential wood burner.

PA x 0.5140 + 1.8304 WI conversion math formula

October 14 7am to October 17, 2023 Ewing A

Above 35 micrograms per cubic meter PM2.5

Yes, multiple time, see RED FILL

Above 25 micrograms per cubic meter PM2.5

Yes, multiple time, see ORANGE FILL

Above 12 micrograms per cubic meter PM2.5

Yes, multiple times see YELLOW FILL

432 data points 10 minutes apart for 3 days

Ewing A is at a Trinidad, California residence

2)Maine, Waterville area near neighbor of indoor residential wood burner

PM2.5 monitor is not yet hyper-localized, so does not catch PM2.5 levels near indoor residential wood burner.

PA x 0.5140 + 1.8304 WI conversion math formula

October 14 7am to October 17, 2023 Winslow

Above 12 micrograms per cubic meter PM2.5

Yes, multiple time

432 data points 10 minutes apart for 3 days

3)Wisconsin, Madison PM2.5 monitor of near neighbor of indoor residential wood burner.

PA x 0.5140 + 1.8304 WI conversion math formula

October 14 7am to October 17, 2023 Elinor & Gary

Above 12 micrograms per cubic meter PM2.5

No, not above 12 during these three days

432 data points 10 minutes apart for 3 days

DateTime	Average	Ewing A	Ewing B	converted	above35	above25	above 12	PA x 0.5140 + 1.8304 WI conversion math formula
10/14/2023 7:20		34	18	13	11.0824	11.0824	11.0824	11.0824
10/14/2023 7:30			19	15	11.5964	11.5964	11.5964	11.5964
10/14/2023 7:40			25	21	14.6804	14.6804	14.6804	14.6804
10/14/2023 7:50			23	17	13.6524	13.6524	13.6524	13.6524
10/14/2023 8:00			19	14	11.5964	11.5964	11.5964	11.5964
10/14/2023 8:10			19	15	11.5964	11.5964	11.5964	11.5964
10/14/2023 8:20			19	15	11.5964	11.5964	11.5964	11.5964
10/14/2023 8:30			18	14	11.0824	11.0824	11.0824	11.0824
10/14/2023 8:40			17	13	10.5684	10.5684	10.5684	10.5684
10/14/2023 8:50			18	14	11.0824	11.0824	11.0824	11.0824
10/14/2023 9:00			16	14	10.0544	10.0544	10.0544	10.0544
10/14/2023 9:10			20	15	12.1104	12.1104	12.1104	12.1104
10/14/2023 9:20			16	13	10.0544	10.0544	10.0544	10.0544
10/14/2023 9:30			19	14	11.5964	11.5964	11.5964	11.5964
10/14/2023 9:40			16	14	10.0544	10.0544	10.0544	10.0544
10/14/2023 9:50			18	15	11.0824	11.0824	11.0824	11.0824
10/14/2023 10:00			18	14	11.0824	11.0824	11.0824	11.0824
10/14/2023 10:10			18	13	11.0824	11.0824	11.0824	11.0824
10/14/2023 10:20			18	14	11.0824	11.0824	11.0824	11.0824
10/14/2023 10:30			26	20	15.1944	15.1944	15.1944	15.1944
10/14/2023 10:40			64	56	34.7264	34.7264	34.7264	34.7264
10/14/2023 10:50			50	40	27.5304	27.5304	27.5304	27.5304
10/14/2023 11:00			58	53	31.6424	31.6424	31.6424	31.6424
10/14/2023 11:10			70	63	37.8104	37.8104	37.8104	37.8104
10/14/2023 11:20			60	53	32.6704	32.6704	32.6704	32.6704
10/14/2023 11:30			35	29	19.8204	19.8204	19.8204	19.8204
10/14/2023 11:40			33	28	18.7924	18.7924	18.7924	18.7924
10/14/2023 11:50			108	95	57.3424	57.3424	57.3424	57.3424
10/14/2023 12:00			111	102	58.8844	58.8844	58.8844	58.8844
10/14/2023 12:10			120	109	63.5104	63.5104	63.5104	63.5104
10/14/2023 12:20			106	95	56.3144	56.3144	56.3144	56.3144
10/14/2023 12:30			84	75	45.0064	45.0064	45.0064	45.0064
10/14/2023 12:40			76	67	40.8944	40.8944	40.8944	40.8944
10/14/2023 12:50			54	41	29.5864	29.5864	29.5864	29.5864
10/14/2023 12:55		

DateTime	Average	Winslow, Main Winslow, Maine B		converted	above35	above25	above12	PA x 0.5140 + 1.8304 WI conversion math formula
10/14/2023 7:20	7.8	22	22	13.1384	13.1384	13.1384	13.1384	October 14 7am to October 17, 2023 Winslow
10/14/2023 7:30		23	22	13.6524	13.6524	13.6524	13.6524	Above 12 micrograms per cubic meter PM2.5
10/14/2023 7:40		23	23	13.6524	13.6524	13.6524	13.6524	Yes, multiple time
10/14/2023 7:50		24	24	14.1664	14.1664	14.1664	14.1664	432 data points 10 minutes apart for 3 days
10/14/2023 8:00		24	22	14.1664	14.1664	14.1664	14.1664	
10/14/2023 8:10		21	22	12.6244	12.6244	12.6244	12.6244	
10/14/2023 8:20		18	19	11.0824	11.0824	11.0824	11.0824	
10/14/2023 8:30		16	17	10.0544	10.0544	10.0544	10.0544	
10/14/2023 8:40		15	16	9.5404	9.5404	9.5404	9.5404	

DateTime	Average	Elinor and Gary Elinor and Gary B		converted	above35	above25	above12	PA x 0.5140 + 1.8304 WI conversion math formula
10/14/2023 7:10	12.2	7	6	2.8984	2.8984	2.8984	2.8984	October 14 7am to October 17, 2023 Elinor & Gary
10/14/2023 7:20		10	9	3.3604	3.3604	3.3604	3.3604	Above 12 micrograms per cubic meter PM2.5
10/14/2023 7:30		14	14	3.9764	3.9764	3.9764	3.9764	No, not above 12 during these three days
10/14/2023 7:40		15	14	4.1304	4.1304	4.1304	4.1304	432 data points 10 minutes apart for 3 days
10/14/2023 7:50		17	16	4.4384	4.4384	4.4384	4.4384	
10/14/2023 8:00		20	18	4.9004	4.9004	4.9004	4.9004	
10/14/2023 8:10		19	19	4.7464	4.7464	4.7464	4.7464	
10/14/2023 8:20		18	18	4.5924	4.5924	4.5924	4.5924	
10/14/2023 8:30		19	17	4.7464	4.7464	4.7464	4.7464	



