

Episode 56MB November 24, 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
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, Kensington Highland - 2nd sensor A
 % 3 days >NAAQS 66.20% 1.16% 0.23%
 Highland - 2nd sensor 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
 California, Kensington Highland - 2nd sensor A
 11/21/2023 6:40 to 11/24/2023 6:30

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/m3
 number 10 minute periods 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

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

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
 number 10 minute periods in 72 hours, 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

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
number10minuteperiods in 72hours, 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
number10minuteperiods in 72hours, 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

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
number10minuteperiods in 72hours, 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
number10minuteperiods in 72hours, 3 sheets
12,25,35 micrograms per cubic meter PM2.5
Wisconsin,Spring Green APT-HILL A
11/21/2023 6:50 to 11/24/2023 6:40

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
number10minuteperiods in 72hours, 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&EDOBldgA
% 3 days >NAAQS 12.50% 5.09% 0.69%
LNIB L&EDOBldgA 12 ug/m3 25 ug/m3 35 ug/m3

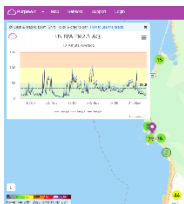
number10minuteperiods in 72hours, 3 sheets
 12,25,35 micrograms per cubic meter PM2.5
 Canada,Shulus LNIB L&EDOBldgA
 11/21/2023 7:00 to 11/24/2023 6:50

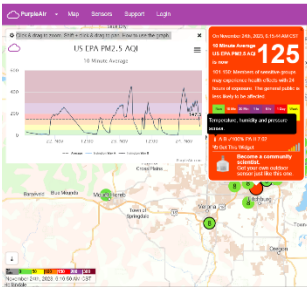
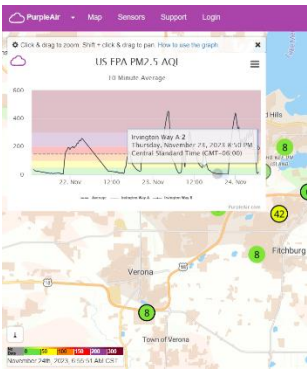
Correlation: PurpleAir to EPA (PA x 0.514)+1.8304
 Canada,Vancouver,Woodland Park A
 % 3 days >NAAQS 53.94% 13.43% 8.33%
 Woodland Park A 12 ug/m3 25 ug/m3 35 ug/m3
 number10minuteperiods in 72hours, 3 sheets
 12,25,35 micrograms per cubic meter PM2.5
 Canada,Vancouver,Woodland Park A
 11/21/2023 7:00 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

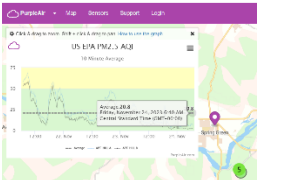


Station	PM2.5 (ug/m3)	PM10 (ug/m3)	CO (ppm)	NO2 (ppb)	O3 (ppb)	Temp (C)	Humidity (%)	Wind (m/s)
1	12	25	0.1	10	30	15	60	2
2	15	30	0.1	12	35	16	65	3
3	10	20	0.1	8	25	14	55	1
4	18	35	0.1	15	40	17	70	4
5	11	22	0.1	9	28	15	60	2
6	14	28	0.1	11	32	16	65	3
7	13	26	0.1	10	30	15	60	2
8	16	32	0.1	13	38	16	68	3
9	12	24	0.1	9	26	15	58	2
10	17	34	0.1	14	36	16	70	3





Time	PM2.5	PM10	CO	O3	NO2	SO2	AQI	Color	Health
11/25/2021 10:00	420	1000	0.1	0.0	0.0	0.0	420	Red	Very Unhealthy
11/25/2021 10:10	400	900	0.1	0.0	0.0	0.0	400	Red	Very Unhealthy
11/25/2021 10:20	380	850	0.1	0.0	0.0	0.0	380	Red	Very Unhealthy
11/25/2021 10:30	360	800	0.1	0.0	0.0	0.0	360	Red	Very Unhealthy
11/25/2021 10:40	340	750	0.1	0.0	0.0	0.0	340	Red	Very Unhealthy
11/25/2021 10:50	320	700	0.1	0.0	0.0	0.0	320	Red	Very Unhealthy
11/25/2021 11:00	300	650	0.1	0.0	0.0	0.0	300	Red	Very Unhealthy
11/25/2021 11:10	280	600	0.1	0.0	0.0	0.0	280	Red	Very Unhealthy
11/25/2021 11:20	260	550	0.1	0.0	0.0	0.0	260	Red	Very Unhealthy
11/25/2021 11:30	240	500	0.1	0.0	0.0	0.0	240	Red	Very Unhealthy
11/25/2021 11:40	220	450	0.1	0.0	0.0	0.0	220	Red	Very Unhealthy
11/25/2021 11:50	200	400	0.1	0.0	0.0	0.0	200	Red	Very Unhealthy
11/25/2021 12:00	180	350	0.1	0.0	0.0	0.0	180	Red	Very Unhealthy
11/25/2021 12:10	160	300	0.1	0.0	0.0	0.0	160	Red	Very Unhealthy
11/25/2021 12:20	140	250	0.1	0.0	0.0	0.0	140	Red	Very Unhealthy
11/25/2021 12:30	120	200	0.1	0.0	0.0	0.0	120	Red	Very Unhealthy
11/25/2021 12:40	100	150	0.1	0.0	0.0	0.0	100	Red	Very Unhealthy
11/25/2021 12:50	80	100	0.1	0.0	0.0	0.0	80	Red	Very Unhealthy
11/25/2021 13:00	60	70	0.1	0.0	0.0	0.0	60	Red	Very Unhealthy



Time	PM2.5	PM10	CO	O3	NO2	SO2	AQI	Color	Health
11/25/2021 13:00	15	40	0.1	0.0	0.0	0.0	15	Yellow	Moderate
11/25/2021 13:10	14	38	0.1	0.0	0.0	0.0	14	Yellow	Moderate
11/25/2021 13:20	13	36	0.1	0.0	0.0	0.0	13	Yellow	Moderate
11/25/2021 13:30	12	34	0.1	0.0	0.0	0.0	12	Yellow	Moderate
11/25/2021 13:40	11	32	0.1	0.0	0.0	0.0	11	Yellow	Moderate
11/25/2021 13:50	10	30	0.1	0.0	0.0	0.0	10	Yellow	Moderate
11/25/2021 14:00	9	28	0.1	0.0	0.0	0.0	9	Yellow	Moderate
11/25/2021 14:10	8	26	0.1	0.0	0.0	0.0	8	Yellow	Moderate
11/25/2021 14:20	7	24	0.1	0.0	0.0	0.0	7	Yellow	Moderate
11/25/2021 14:30	6	22	0.1	0.0	0.0	0.0	6	Yellow	Moderate
11/25/2021 14:40	5	20	0.1	0.0	0.0	0.0	5	Yellow	Moderate
11/25/2021 14:50	4	18	0.1	0.0	0.0	0.0	4	Yellow	Moderate
11/25/2021 15:00	3	16	0.1	0.0	0.0	0.0	3	Yellow	Moderate
11/25/2021 15:10	2	14	0.1	0.0	0.0	0.0	2	Yellow	Moderate
11/25/2021 15:20	1	12	0.1	0.0	0.0	0.0	1	Yellow	Moderate
11/25/2021 15:30	1	10	0.1	0.0	0.0	0.0	1	Yellow	Moderate
11/25/2021 15:40	1	8	0.1	0.0	0.0	0.0	1	Yellow	Moderate
11/25/2021 15:50	1	6	0.1	0.0	0.0	0.0	1	Yellow	Moderate
11/25/2021 16:00	1	4	0.1	0.0	0.0	0.0	1	Yellow	Moderate