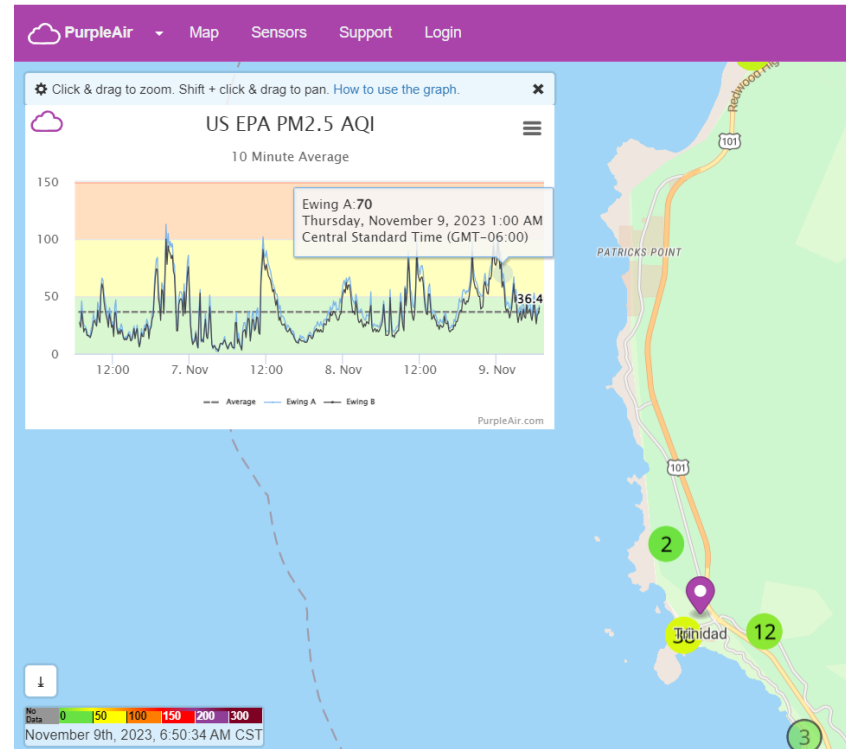


Episode 56LG November 11, 2023. Coast to Coast.

Over PM2.5 NAAQS	% >12ug/m3 in 3 days	% >25ug/m3 in 3 days	%
>35ug/m3 in 3 days			
California, Trinidad	79	33	13
Maine, Winslow	22	12	7
Wisconsin, Madison	68	41	11
% 3 days >NAAQS	79.86%	33.33%	13.66%
Ewing A	12 ug/m3	25 ug/m3	35 ug/m3
PA	0.514	1.8304	

number 10 minute periods in 72 hours,3 sheets
 12,25,35 micrograms per cubic meter PM2.5
 California, Trinidad Ewing A
 11/6/2023 6:50 to 11/9/2023 6:50

Above 12 micrograms per cubic meter PM2.5?
 345 10 3450
 data periods of 10 minutes equals periods x 10
 3450 60 57.5
 minutes divided by 60= hours in 3 days 72 hour
 57.5 72 79.86%
 hours divided by 72 = % days > 12ug/m3 PM2.5
 Above 25 micrograms per cubic meter PM2.5?
 144 10 1440
 data periods of 10 minutes equals periods x 10
 1440 60 24
 minutes divided by 60= hours in 3 days 72 hour
 24 72 33.33%
 hours divided by 72 = % days > 25ug/m3 PM2.5
 Above 35 micrograms per cubic meter PM2.5?
 59 10 590
 data periods of 10 minutes equals periods x 10
 590 60 9.83333333
 minutes divided by 60= hours in 3 days 72 hour
 9.83333333 72 13.66%
 hours divided by 72 = % days > 12ug/m3 PM2.5
 California, Trinidad Ewing A

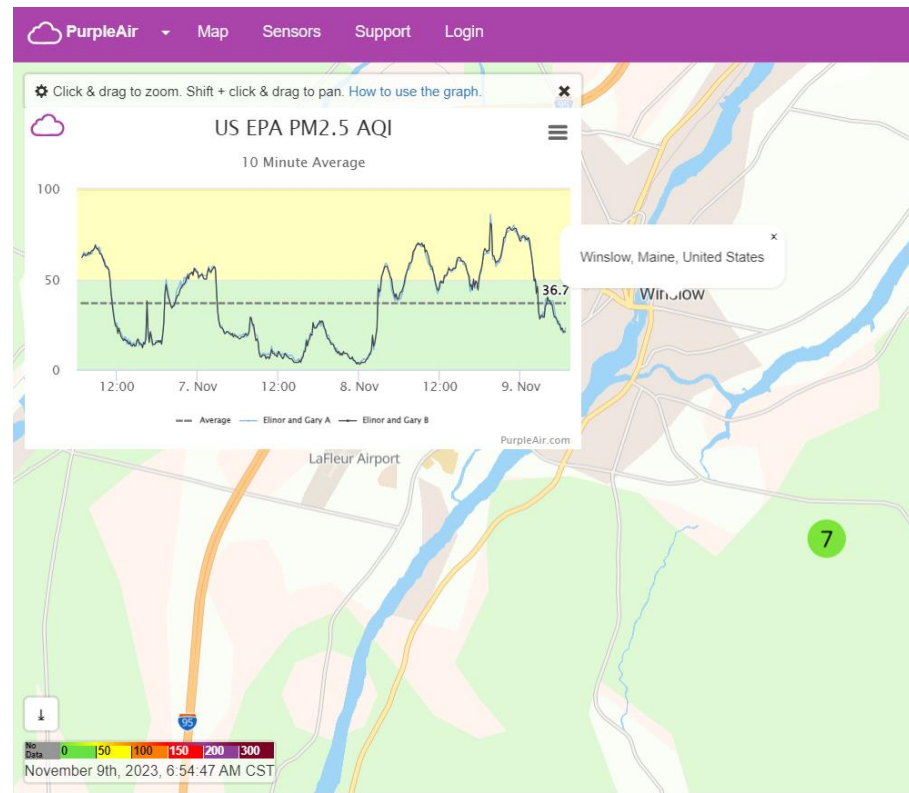


	A	B	C	D	E	F	G	H	I	J
1	% 3 days >NAAQS	79.86%	33.33%	13.66%	PA x 0.5140 + 1.8304 conversion	PA		0.514		1.8304
2	Ewing A	12 ug/m3	25 ug/m3	35 ug/m3	345	144	59	number 10 minute periods in 72 hours,3 sheets		
3	DateTime	Average	Ewing A	Ewing B	above12	above25	above35	12,25,35 micrograms per cubic meter PM2.5		
4	11/6/23 6:50	36.4	28	27	16.2224	16.2224	16.2224	California, Trinidad	Ewing A	
5	11/6/23 7:00		29	23	16.7364	16.7364	16.7364	11/6/2023 6:50	to	11/8/2023 7:50
6	11/6/23 7:10		46	37	25.4744	25.4744	25.4744	Above 12 micrograms per cubic meter PM2.5?		
7	11/6/23 7:20		32	28	18.2784	18.2784	18.2784	345	10	3450
8	11/6/23 7:30		25	19	14.6804	14.6804	14.6804	data periods of 10 minutes equals periods x 10		
9	11/6/23 7:40		24	22	14.1664	14.1664	14.1664	3450	60	57.5
10	11/6/23 7:50		23	21	13.6524	13.6524	13.6524	minutes divided by 60= hours in 3 days 72 hour		
11	11/6/23 8:00		19	16	11.5964	11.5964	11.5964	57.5	72	79.86%
12	11/6/23 8:10		15	16	9.5404	9.5404	9.5404	hours divided by 72 = % days > 12ug/m3 PM2.5		
13	11/6/23 8:20		16	15	10.0544	10.0544	10.0544	Above 25 micrograms per cubic meter PM2.5?		
14	11/6/23 8:30		16	14	10.0544	10.0544	10.0544	144	10	1440
15	11/6/23 8:40		22	17	13.1384	13.1384	13.1384	data periods of 10 minutes equals periods x 10		
16	11/6/23 8:50		24	21	14.1664	14.1664	14.1664	1440	60	24
17	11/6/23 9:00		35	28	19.8204	19.8204	19.8204	minutes divided by 60= hours in 3 days 72 hour		
18	11/6/23 9:10		30	29	17.2504	17.2504	17.2504	24	72	33.33%
19	11/6/23 9:20		30	26	17.2504	17.2504	17.2504	hours divided by 72 = % days > 25ug/m3 PM2.5		
20	11/6/23 9:30		26	24	15.1944	15.1944	15.1944	Above 35 micrograms per cubic meter PM2.5?		
21	11/6/23 9:40		45	38	24.9604	24.9604	24.9604	59	10	590
22	11/6/23 9:50		40	31	22.3904	22.3904	22.3904	data periods of 10 minutes equals periods x 10		
23	11/6/23 10:00		34	27	19.3064	19.3064	19.3064	590	60	9.83333333
24	11/6/23 10:10		58	52	31.6424	31.6424	31.6424	minutes divided by 60= hours in 3 days 72 hour		
25	11/6/23 10:20		66	61	35.7544	35.7544	35.7544	9.83333333	72	13.66%
26	11/6/23 10:30		64	57	34.7264	34.7264	34.7264	hours divided by 72 = % days > 12ug/m3 PM2.5		
27	11/6/23 10:40		51	45	28.0444	28.0444	28.0444	California, Trinidad	Ewing A	
28	11/6/23 10:50		46	38	25.4744	25.4744	25.4744	See all 3 days of Excell data on PDF at		
29	11/6/23 11:00		40	33	22.3904	22.3904	22.3904	https://rawsepresidents.wordpress.com		
30	11/6/23 11:10		34	29	19.3064	19.3064	19.3064	Check C4	16.2224	
31	11/6/23 11:20		28	23	16.2224	16.2224	16.2224			
32	11/6/23 11:30		40	35	22.3904	22.3904	22.3904			
33	11/6/23 11:40		37	30	20.8484	20.8484	20.8484			
34	11/6/23 11:50		25	23	14.6804	14.6804	14.6804			

us-epa-pm25-aqi YELLOW 12 sort ORANGE 25 sort RED 35 sort

See all 3 days of Excell data on PDF at <https://rawsepresidents.wordpress.com>

% 3 days >NAAQS 22.69% 12.04% 7.41%
 12 ug/m3 25 ug/m3 35 ug/m3
 0.514 1.8304
 Winslow, Maine APA 0.514 1.8304
 no. 10 minute periods in 72 hours, 3 sheets
 12,25,35 micrograms per cubic meter PM2.5
 Maine, Winslow Winslow, Maine A
 11/6/2023 6:50 to 11/9/2023 6:40
 Above 12 micrograms per cubic meter PM2.5?
 98 10 980
 data periods of 10 minutes equals periods x 10
 980 60 16.33333333
 minutes divided by 60= hours in 3 days 72 hour
 16.33333333 72 22.69%
 hours divided by 72 = % days > 12ug/m3 PM2.5
 Above 25 micrograms per cubic meter PM2.5?
 52 10 520
 data periods of 10 minutes equals periods x 10
 520 60 8.666666667
 minutes divided by 60= hours in 3 days 72 hour
 8.666666667 72 12.04%
 hours divided by 72 = % days > 25ug/m3 PM2.5
 Above 35 micrograms per cubic meter PM2.5?
 32 10 320
 data periods of 10 minutes equals periods x 10
 320 60 5.333333333
 minutes divided by 60= hours in 3 days 72 hour
 5.333333333 72 7.41%
 hours divided by 72 = % days > 12ug/m3 PM2.5
 Maine, Winslow Winslow, Maine A
 See all 3 days of Excell data on PDF at
<https://rawsepresidents.wordpress.com>



	A	B	C	D	E	F	G	H	I	J
1	% 3 days >NAAQS	22.69%	12.04%	7.41%	PA x 0.5140 + 1.8304 conversion	PA			0.514	1.8304
2	Winslow, Maine A	12 ug/m3	25 ug/m3	35 ug/m3	98	52	32	no. 10 minute periods in 72 hours, 3 sheets		
3	DateTime	Average	Winslow, I	Winslow, I	above12	above25	above35	12,25,35 micrograms per cubic meter PM2.5		
4	11/6/2023 6:50	15.7	19	22	11.5964	11.5964	11.5964	Maine, Winslow	Winslow, Maine A	
5	11/6/2023 7:00		19	21	11.5964	11.5964	11.5964	11/6/2023 6:50	to	11/9/2023 6:40
6	11/6/2023 7:10		21	25	12.6244	12.6244	12.6244	Above 12 micrograms per cubic meter PM2.5?		
7	11/6/2023 7:20		20	24	12.1104	12.1104	12.1104	98	10	980
8	11/6/2023 7:30		14	16	9.0264	9.0264	9.0264	data periods of 10 minutes equals periods x 10		
9	11/6/2023 7:40		12	13	7.9984	7.9984	7.9984	980	60	16.33333333
10	11/6/2023 7:50		11	12	7.4844	7.4844	7.4844	minutes divided by 60= hours in 3 days 72 hour		
11	11/6/2023 8:00		12	11	7.9984	7.9984	7.9984	16.33333333	72	22.69%
12	11/6/2023 8:10		11	12	7.4844	7.4844	7.4844	hours divided by 72 = % days > 12ug/m3 PM2.5		
13	11/6/2023 8:20		11	11	7.4844	7.4844	7.4844	Above 25 micrograms per cubic meter PM2.5?		
14	11/6/2023 8:30		12	10	7.9984	7.9984	7.9984	52	10	520
15	11/6/2023 8:40		11	10	7.4844	7.4844	7.4844	data periods of 10 minutes equals periods x 10		
16	11/6/2023 8:50		10	10	6.9704	6.9704	6.9704	520	60	8.666666667
17	11/6/2023 9:00		9	9	6.4564	6.4564	6.4564	minutes divided by 60= hours in 3 days 72 hour		
18	11/6/2023 9:10		9	10	6.4564	6.4564	6.4564	8.666666667	72	12.04%
19	11/6/2023 9:20		11	10	7.4844	7.4844	7.4844	hours divided by 72 = % days > 25ug/m3 PM2.5		
20	11/6/2023 9:30		11	10	7.4844	7.4844	7.4844	Above 35 micrograms per cubic meter PM2.5?		
21	11/6/2023 9:40		10	10	6.9704	6.9704	6.9704	32	10	320
22	11/6/2023 9:50		10	11	6.9704	6.9704	6.9704	data periods of 10 minutes equals periods x 10		
23	11/6/2023 10:00		10	11	6.9704	6.9704	6.9704	320	60	5.333333333
24	11/6/2023 10:10		12	12	7.9984	7.9984	7.9984	minutes divided by 60= hours in 3 days 72 hour		
25	11/6/2023 10:20		11	12	7.4844	7.4844	7.4844	5.333333333	72	7.41%
26	11/6/2023 10:30		12	12	7.9984	7.9984	7.9984	hours divided by 72 = % days > 12ug/m3 PM2.5		
27	11/6/2023 10:40		13	12	8.5124	8.5124	8.5124	Maine, Winslow	Winslow, Maine A	
28	11/6/2023 10:50		12	13	7.9984	7.9984	7.9984	See all 3 days of Excell data on PDF at		
29	11/6/2023 11:00		12	13	7.9984	7.9984	7.9984	https://rawsepresidents.wordpress.com		
30	11/6/2023 11:10		13	14	8.5124	8.5124	8.5124	Check C4	11.5964	
31	11/6/2023 11:20		13	13	8.5124	8.5124	8.5124			
32	11/6/2023 11:30		15	16	9.5404	9.5404	9.5404			
33	11/6/2023 11:40		14	14	9.0264	9.0264	9.0264			
34	11/6/2023 11:50		14	15	9.0264	9.0264	9.0264			

[us-epa-pm25-aqi](#) YELLOW 12 sort ORANGE 25 sort RED 35 sort

% 3 days >NAAQS 68.29% 41.67% 11.34%
 Elinor and Gary A 12 ug/m3 25 ug/m3 35 ug/m3
 PA 0.514 1.8304

number10minuteperiods in 72hours, 3 sheets
 12,25,35 micrograms per cubic meter PM2.5

Wisconsin, Madison Elinor and Gary A
 11/6/2023 7:00 to 11/9/2023 6:50

Above 12 micrograms per cubic meter PM2.5?
 295 10 2950
 data periods of 10 minutes equals periods x 10
 2950 60 49.16666667

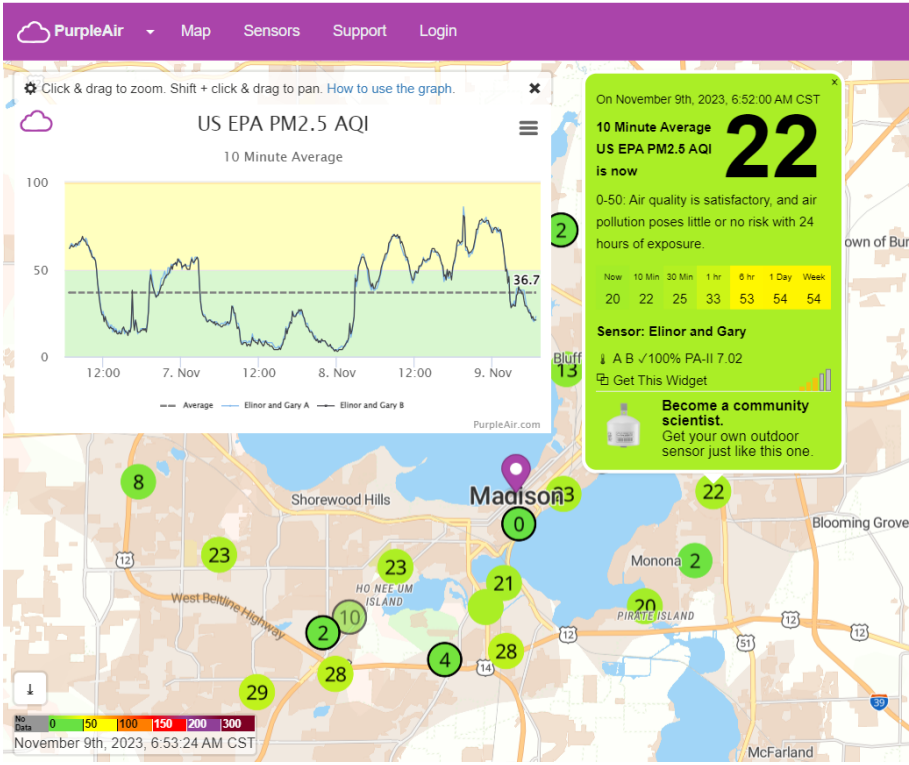
minutes divided by 60= hours in 3 days 72 hour
 49.16666667 72 68.29%

hours divided by 72 = % days > 12ug/m3 PM2.5
 Above 25 micrograms per cubic meter PM2.5?
 180 10 1800

data periods of 10 minutes equals periods x 10
 1800 60 30
 minutes divided by 60= hours in 3 days 72 hour
 30 72 41.67%

hours divided by 72 = % days > 25ug/m3 PM2.5
 Above 35 micrograms per cubic meter PM2.5?
 49 10 490

data periods of 10 minutes equals periods x 10
 490 60 8.16666667
 minutes divided by 60= hours in 3 days 72 hour
 8.16666667 72 11.34%



	A	B	C	D	E	F	G	H	I	J	K
1	% 3 days >NAAQS	68.29%	41.67%	11.34%	PA x 0.5140 + 1.8304	conversion	PA		0.514	1.8304	
2	Elinor and Gary A	12 ug/m3	25 ug/m3	35 ug/m3	295	180	49	no. 10 minute periods in 72 hours, 3 sheets			
3	DateTime	Average	Elinor and Elinor and	above12	above25	above35		12,25,35 micrograms per cubic meter PM2.5			
4	11/6/2023 7:00	36.6	64	63	34.7264	34.7264	34.7264	Wisconsin, Madison	Elinor and Gary A		
5	11/6/2023 7:10	65	64	64	35.2404	35.2404	35.2404	11/6/2023 7:00	to	11/9/2023 6:50	
6	11/6/2023 7:20	64	64	63	34.7264	34.7264	34.7264	Above 12 micrograms per cubic meter PM2.5?			
7	11/6/2023 7:30	64	63	64	34.7264	34.7264	34.7264	295	10	2950	
8	11/6/2023 7:40	64	64	64	34.7264	34.7264	34.7264	data periods of 10 minutes equals periods x 10			
9	11/6/2023 7:50	63	65	65	34.2124	34.2124	34.2124	2950	60	49.16666667	
10	11/6/2023 8:00	64	64	64	34.7264	34.7264	34.7264	minutes divided by 60= hours in 3 days 72 hour			
11	11/6/2023 8:10	64	65	65	34.7264	34.7264	34.7264	49.16666667	72	68.29%	
12	11/6/2023 8:20	64	66	64	34.7264	34.7264	34.7264	hours divided by 72 = % days > 12ug/m3 PM2.5			
13	11/6/2023 8:30	66	66	66	35.7544	35.7544	35.7544	Above 25 micrograms per cubic meter PM2.5?			
14	11/6/2023 8:40	67	67	67	36.2684	36.2684	36.2684	180	10	1800	
15	11/6/2023 8:50	68	69	69	36.7824	36.7824	36.7824	data periods of 10 minutes equals periods x 10			
16	11/6/2023 9:00	67	67	67	36.2684	36.2684	36.2684	1800	60	30	
17	11/6/2023 9:10	66	67	67	35.7544	35.7544	35.7544	minutes divided by 60= hours in 3 days 72 hour			
18	11/6/2023 9:20	68	66	66	36.7824	36.7824	36.7824	30	72	41.67%	
19	11/6/2023 9:30	67	64	64	36.2684	36.2684	36.2684	hours divided by 72 = % days > 25ug/m3 PM2.5			
20	11/6/2023 9:40	64	64	64	34.7264	34.7264	34.7264	Above 35 micrograms per cubic meter PM2.5?			
21	11/6/2023 9:50	62	63	63	33.6984	33.6984	33.6984	49	10	490	
22	11/6/2023 10:00	60	61	61	32.6704	32.6704	32.6704	data periods of 10 minutes equals periods x 10			
23	11/6/2023 10:10	61	59	59	33.1844	33.1844	33.1844	490	60	8.16666667	
24	11/6/2023 10:20	58	57	57	31.6424	31.6424	31.6424	minutes divided by 60= hours in 3 days 72 hour			
25	11/6/2023 10:30	56	57	57	30.6144	30.6144	30.6144	8.16666667	72	11.34%	
26	11/6/2023 10:40	57	56	56	31.1284	31.1284	31.1284	hours divided by 72 = % days > 12ug/m3 PM2.5			
27	11/6/2023 10:50	55	55	55	30.1004	30.1004	30.1004	Wisconsin, Madison	Elinor and Gary A		
28	11/6/2023 11:00	50	50	50	27.5304	27.5304	27.5304	See all 3 days of Excell data on PDF at			
29	11/6/2023 11:10	42	42	42	23.4184	23.4184	23.4184	https://rawsepresidents.wordpress.com			
30	11/6/2023 11:20	39	36	36	21.8764	21.8764	21.8764	Check C4		34.7264	
31	11/6/2023 11:30	33	31	31	18.7924	18.7924	18.7924				
32	11/6/2023 11:40	28	27	27	16.2224	16.2224	16.2224				
33	11/6/2023 11:50	24	24	24	14.1664	14.1664	14.1664				
34	11/6/2023 12:00	26	24	24	15.1944	15.1944	15.1944				

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