Residents Against Wood Smoke Emission Particulates
Episode 56OL January 5, 2024. Coast to Coast
1/2/2024 to 1/5/2024

	Location PM2.5 over 3 days	% above 12ug/m3 PM2.5	% above 25ug/m 3 PM2.5	% above 35ug/m 3 PM2.5	% above 50ug/m 3 PM2.5	% above 60ug/m 3 PM2.5	% above 75ug/m 3 PM2.5	Average PM2.5 at one monitor	PM2.5 average in 3 days
1	California, Contra Costa County, Kensington	15%	3%	3%	0%	0%	0%	Average PM2	7
2	California, Humboldt County, Trinidad	54%	26%	12%	4%	1%	0%	Average PM2	16
3	Maine, Androscoggin County, Lewiston, Echo Road	78%	54%	28%	9%	4%	0%	Average PM2	25
4	Maine, Kennebec County, Winslow	66%	44%	9%	0%	0%	0%	Average PM2	20
5	Maine, Sagadohoc County, Topsham	74%	59%	28%	13%	0%	0%	Average PM2	26
6	Maine, Waldo County, Searsmont	71%	54%	20%	4%	1%	0%	Average PM2	24
7	Wisconsin, Dane County, Town of Berry, Turner	73%	59%	32%	4%	1%	0%	Average PM2	27
8	Wisconsin, Dane County, Black Earth	73%	58%	32%	1%	0%	0%	Average PM2	25
9	Wisconsin, Dane County, Deerfield, Wholly Rooted	74%	65%	50%	15%	0%	0%	Average PM2	30
10	Wisconsin, Dane County, Madison, 950 Clarence	75%	65%	33%	0%	0%	0%	Average PM2	25
11	Wisconsin, Dane County, Madison, Dudgeon	72%	66%	45%	3%	0%	0%	Average PM2	26
12	Wisconsin, Dane County, Madison, Elinor Street	75%	66%	37%	0%	0%	0%	Average PM2	27
13	Wisconsin, Dane County, Madison, Faircrest	74%	67%	39%	0%	0%	0%	Average PM2	26
14	Wisconsin, Dane County, Madison, LaFollette	33%	0%	0%	0%	0%	0%	Average PM2	12
15	Wisconsin, Dane County, Madison, Sasy1	73%	38%	62%	0%	0%	0%	Average PM2	24
16	Wisconsin, Dane County, Madison, Wexford Village	66%	24%	0%	0%	0%	0%	Average PM2	14
17	Wisconsin, Dane County, Maple Bluff, GoPackGo	69%	42%	4%	1%	1%	0%	Average PM2	20
18	Wisconsin, Dane County, Mount Horeb	60%	20%	1%	0%	0%	0%	Average PM2	13
19	Wisconsin, Marathon County, Wausau	47%	20%	1%	0%	0%	0%	Average PM2	13
20	Wisconsin, Oneida County, Rhinelander	26%	0%	0%	0%	0%	0%	Average PM2	6
21	Wisconsin, Polk County, The Gauls	29%	7%	0%	0%	0%	0%	Average PM2	8
22	Wisconsin, Polk County, Prairie Road	53%	38%	7%	0%	0%	0%	Average PM2	17
23	Wisconsin, Polk County, Milltown, Manor A	72%	42%	31%	12%	4%	2%	Average PM2	29
24	Wisconsin, Sauk County, Spring Green	76%	61%	30%	0%	0%	0%	Average PM2	23
25	Wisconsin, Vernon County, LaFarge	56%	8%	2%	0%	0%	0%	Average PM2	22
26	Wisconsin, Walworth County, Whitewaer, Glacier Cre	59%	38%	1%	0%	0%	0%	Average PM2	14
27	Canada, BC Parksville, Acacia N	9%	4%	2%	0%	0%	0%	Average PM2	12
28	Canada, BC Shulus, Office	33%	6%	0%	0%	0%	0%	Average PM2	13
29	Canada, BC, Vancouver, Woodland	31%	6%	1%	0%	0%	0%	Average PM2	18
30	Average of all locations	57%	36%	18%	2%	0%	0%	All Average P	19

The locations of PM2.5 monitors may be self-selected by near neighbors of indoor

residential wood burners whose wood smoke enters the yards of near neighbors and sickens them. The near neighbors may hope to use data like this to shut down their neighborhood indoor residential wood burners, presenting this to Health Departments.
The near neighbors may want this form of evidence to be collected by governments.
Instructions on how to calculate this 3 day percentage data from your own PurpleAir PM2.5 monitor.
5 Excel Pages: 3 day % above NAAQS using PurpleAir PM2.5 calculation in Excel, with correlation to EPA Regulation PM2.5 monitor, using PurpleAir Data download from 1 resident-owned monitor.
Example Template Wisconsin, Madison, Elinor Street 12/6/2023
Then 3 more pages for 3 day % above 50, 60 and 75 micrograms per cubic meter which are far above EPA NAAQS
2)Main Excel page. 2A)Paste of download data at A6 using Paste 123 2B)Auto 2B)After paste of PurpleAir Download. Auto correlation of PurpleAir to EPA Regulatory PM2.5 Monitor data using simple mathematical formula (PA x 0.514)+ 1.8304 in Columns E through G 2C)Copy A6:G438, and then paste 123 to YELLOW page at A1, then paste 123 to Orange Page at A1, then paste 123 to RED Page at A1.
3)YELLOW Excel page 3A) 12 micrograms per cubic meter 3B)Conditional Formatting 12 plus is YELLOW cell color 3C)Sorted YELLOW cell color on top 3D)count of YELLOW cells
4)ORANGE Excel page 3A) 25 micrograms per cubic meter 3B)Conditional Formatting 12 plus is ORANGE cell color 3C)Sorted ORANGE cell color on top) 3D)count of ORANGE cells
5)RED Excel page 3A) 35 micrograms per cubic meter 3B)Conditional Formatting 12 plus is RED cell color 3C)Sorted RED cell color on top) 3D)count of RED cells
6)After number of sorted rows of YELLOW on YELLOW page, number of sorted rows of ORANGE on ORANGE page and number of sorted rows of RED on RED page 6A)entered at Main page E5, 6B)E6, and 6C)E7. This will autocalculate percent above NAAQS at 6D)B4 on Main page 6E)C4 on Main Page and 6F)D4 on Main Page.
7)Copy 7A)A1:D5 on Main Page, then 7B)Paste 123 or paste Link N (most right Paste choice)in to a Word file.
8)This Word file information is used for the chart of all residents owned monitor 3 day percent data on RAWSEP Coast to Coast, which data appears in Youtube videos, Spotify podcasts, and saved as a PDF on the RAWSEP website https://RAWSEPresident.com
9)Email rawsepresidents@gmail.com for Excel Template to be emailed to you, if you own a PurpleAir PM2.5 monitor, and are a near neighbor of an indoor residential wood burner whose PM2.5 smoke enters your yard and sickens you.

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	Location PM2.5 over 3 days	% above 12ug/m3 PM2.5	% above 25ug/m 3 PM2.5	% above 35ug/m 3 PM2.5	% above 50ug/m 3 PM2.5	% above 60ug/m 3 PM2.5	% above 75ug/m 3 PM2.5	Average PM2.5 at one monitor	PM2.5 average in 3 days
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