

Residents Against Wood Smoke Emission Particulates

Episode 56OU January 11, 2024. Coast to Coast

1/8/2024 to 1/11/2024

	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	12%	4%	0%	0%	0%	0%	Average	7
2	California, Humboldt County, Trinidad	65%	42%	20%	1%	0%	0%	Average	20
3	Maine, Androscoggin County, Lewiston, Echo Road	52%	27%	5%	0%	0%	0%	Average	14
4	Maine, Kennebec County, Winslow	29%	13%	3%	0%	0%	0%	Average	11
5	Maine, Sagadahoc County, Topsham	47%	19%	14%	0%	0%	0%	Average	14
6	Maine, Waldo County, Searsmont	44%	22%	6%	0%	0%	0%	Average	14
7	Wisconsin, Dane County, Town of Berry, Turner	89%	64%	41%	8%	2%	0%	Average	31
8	Wisconsin, Dane County, Black Earth	91%	69%	46%	11%	5%	0%	Average	33
9	Wisconsin, Dane County, Deerfield, Wholly Rooted	88%	63%	55%	18%	9%	0%	Average	34
10	Wisconsin, Dane County, Madison, 950 Clarence	94%	61%	46%	9%	0%	0%	Average	29
11	Wisconsin, Dane County, Madison, Dudgeon	96%	62%	52%	20%	8%	0%	Average	33
12	Wisconsin, Dane County, Madison, Elinor Street	93%	60%	53%	13%	1%	0%	Average	31
13	Wisconsin, Dane County, Madison, Faircrest	95%	69%	56%	20%	10%	6%	Average	35
14	Wisconsin, Dane County, Madison, LaFollette	46%	11%	0%	0%	0%	0%	Average	14
15	Wisconsin, Dane County, Madison, Sasy1	90%	63%	39%	8%	0%	0%	Average	29
16	Wisconsin, Dane County, Madison, 9 N. Third Street	92%	59%	31%	4%	0%	0%	Average	27
17	Wisconsin, Dane County, Madison, Wexford Village	66%	36%	8%	0%	0%	0%	Average	18
18	Wisconsin, Dane County, Maple Bluff, GoPackGo	72%	52%	14%	1%	0%	0%	Average	23
19	Wisconsin, Dane County, Mount Horeb	59%	34%	9%	0%	0%	0%	Average	17
20	Wisconsin, Marathon County, Wausau	62%	33%	6%	0%	0%	0%	Average	18
21	Wisconsin, Oneida County, Rhinelander	14%	3%	0%	0%	0%	0%	Average	5
22	Wisconsin, Polk County, The Gauls	88%	50%	10%	0%	0%	0%	Average	23
23	Wisconsin, Polk County, Milltown, Manor A	91%	61%	34%	12%	6%	3%	Average	33
24	Wisconsin, Polk County, Prairie Farm	100%	73%	47%	9%	0%	0%	Average	35
25	Wisconsin, Sauk County, Spring Green	100%	66%	38%	8%	1%	0%	Average	29
26	Wisconsin, Vernon County, LaFarge	81%	33%	4%	0%	0%	0%	Average	31
27	Wisconsin, Walworth County, Whitewater, Glacier Cr	56%	39%	17%	0%	0%	0%	Average	15
28	Canada, BC Parksville, Acacia N	24%	15%	8%	4%	2%	2%	Average	11
29	Canada, BC Shulus, Office	9%	4%	1%	0%	0%	0%	Average	5
30	Canada, BC, Vancouver, Woodland	31%	10%	3%	0%	0%	0%	Average	10
31	Average of all locations	66%	40%	22%	5%	2%	0%	All Average P	22

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 $(PA \times 0.514) + 1.8304$ 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://RAWSEPresidents.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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