

## Residents Against Wood Smoke Emission Particulates

Episode 560X January 14, 2024. Coast to Coast

1/11/2024 to 1/14/2024

	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	20%	14%	8%	0%	0%	0%	Average	9
2	California, Humboldt County, Trinidad	52%	29%	14%	2%	0%	0%	Average	16
3	Maine, Androscoggin County, Lewiston, Echo Road	36%	9%	4%	2%	1%	0%	Average	10
4	Maine, Kennebec County, Winslow	9%	6%	3%	0%	0%	0%	Average	6
5	Maine, Sagadahoc County, Topsham	14%	1%	0%	0%	0%	0%	Average	7
6	Maine, Waldo County, Searsmont	17%	3%	0%	0%	0%	0%	Average	7
7	Wisconsin, Dane County, Town of Berry, Turner	46%	35%	33%	7%	1%	0%	Average	20
8	Wisconsin, Dane County, Black Earth	47%	37%	35%	9%	6%	0%	Average	23
9	Wisconsin, Dane County, Deerfield, Wholly Rooted	45%	36%	35%	33%	16%	0%	Average	25
10	Wisconsin, Dane County, Madison, 950 Clarence	49%	37%	35%	9%	0%	0%	Average	21
11	Wisconsin, Dane County, Madison, Dudgeon	56%	43%	38%	18%	10%	0%	Average	25
12	Wisconsin, Dane County, Madison, Elinor Street	46%	37%	35%	13%	3%	2%	Average	22
13	Wisconsin, Dane County, Madison, Faircrest	76%	68%	66%	20%	13%	0%	Average	33
14	Wisconsin, Dane County, Madison, LaFollette	34%	9%	0%	0%	0%	0%	Average	11
15	Wisconsin, Dane County, Madison, Sasy1	50%	39%	36%	8%	0%	0%	Average	19
16	Wisconsin, Dane County, Madison, 9 N. Third Street	44%	36%	33%	6%	0%	0%	Average	18
17	Wisconsin, Dane County, Madison, Wexford Village	41%	30%	8%	0%	0%	0%	Average	13
18	Wisconsin, Dane County, Maple Bluff, GoPackGo	44%	39%	15%	1%	1%	0%	Average	17
19	Wisconsin, Dane County, Mount Horeb	37%	30%	8%	0%	0%	0%	Average	11
20	Wisconsin, Marathon County, Wausau	25%	16%	4%	0%	0%	0%	Average	9
21	Wisconsin, Oneida County, Rhinelander	16%	4%	1%	0%	0%	0%	Average	5
22	Wisconsin, Polk County, The Gauls	5%	2%	0%	0%	0%	0%	Average	3
23	Wisconsin, Polk County, Milltown, Manor A	86%	37%	21%	9%	4%	3%	Average	27
24	Wisconsin, Polk County, Prairie Farm	50%	23%	10%	0%	0%	0%	Average	16
25	Wisconsin, Sauk County, Spring Green	44%	37%	34%	5%	1%	0%	Average	17
26	Wisconsin, Vernon County, LaFarge	39%	22%	0%	0%	0%	0%	Average	19
27	Wisconsin, Walworth County, Whitewater, Glacier Cre	34%	33%	13%	1%	0%	0%	Average	12
28	Canada, BC Parksville, Acacia N	29%	21%	15%	6%	3%	1%	Average	14
29	Canada, BC Shulus, Office	16%	10%	3%	0%	0%	0%	Average	5
30	Canada, BC, Woodland Park, Vancouver	35%	17%	13%	6%	4%	1%	Average	818
31	Canada, BC, 1100 Keefer Street, Vancouver	20%	7%	2%	1%	0%	0%	Average	8
32	Average of all locations	38%	25%	17%	5%	2%	0%	All Average P	42

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](mailto: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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