Residents Against Wood Smoke Emission Particulates
Episode 56NH December 18, 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	Average PM2.5 at one monitor over 3 days	PM2.5 average in 3 days
1	California, Contra Costa County, Kensington	100%	80%	21%	Average PM2.5	29
2	California, Humboldt County, Trinidad	73%	40%	17%	Average PM2.5	21
3	Maine, Androscoggin County, Lewiston, Echo Road	86%	47%	22%	Average PM2.5	23
4	Maine, Kennebec County, Winslow	64%	37%	23%	Average PM2.5	22
5	Maine, Sagadohoc County, Topsham	66%	25%	20%	Average PM2.5	19
6	Wisconsin, Dane County, Town of Berry, Turner	95%	90%	54%	Average PM2.5	35
7	Wisconsin, Dane County, Black Earth, Daniel	94%	90%	56%	Average PM2.5	36
8	Wisconsin, Dane County, Madison, 950 Clarence	96%	93%	55%	Average PM2.5	34
9	Wisconsin, Dane County, Madison, Dudgeon	96%	94%	57%	Average PM2.5	35
10	Wisconsin, Dane County, Madison, Elinor Street	96%	91%	65%	Average PM2.5	40
11	Wisconsin, Dane County, Madison, Faircrest	95%	90%	52%	Average PM2.5	34
12	Wisconsin, Dane County, Madison, LaFollette	78%	20%	0%	Average PM2.5	21
13	Wisconsin, Dane County, Madison, Sasy1	96%	73%	12%	Average PM2.5	31
14	Wisconsin, Dane County, Madison, Wexford Village	92%	34%	0%	Average PM2.5	21
15	Wisconsin, Dane County, Maple Bluff, GoPackGo	94%	83%	20%	Average PM2.5	29

					Average	
1 6	Wisconsin, Dane County, Mount Horeb	92%	61%	31%	PM2.5	26
1 7	Wisconsin, Marathon County, Wausau	88%	76%	64%	Average PM2.5	35
1 8	Wisconsin, Oneida County, Rhinelander	74%	60%	41%	Average PM2.5	25
1 9	Wisconsin, Polk County, Half Moon Lake	87%	77%	64%	Average PM2.5	39
2 0	Wisconsin, Polk County, Milltown, Manor A	81%	74%	63%	Average PM2.5	41
2 1	Wisconsin, Sauk County, Spring Green	94%	92%	59%	Average PM2.5	34
2 2	Wisconsin, Vernon County, LaFarge	88%	49%	5%	Average PM2.5	31
2 3	Canada, BC Parksville, Acacia N	84%	66%	31%	Average PM2.5	30
2 4	Canada, BC Shulus, Office	28%	6%	1%	Average PM2.5	11
2 5	Canada, BC, Vancouver, Woodland	84%	38%	6%	Average PM2.5	25
2 6	Average of all locations	85%	63%	34%	Average PM2.5	29

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

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 0.504)+ 1.8314 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.