Residents Against Wood Smoke Emission Particulates
Episode 56PC January 17, 2024. Coast to Coast
1/14/2024 to 1/17/2024

	Location	PM2.5 over 3 days	% above 12ug/m3 PM2.5	% above 25ug/m3 PM2.5	% above 35ug/m3 PM2.5	% above 50ug/m3 PM2.5	% above 60ug/m3 PM2.5	% above 75ug/m3 PM2.5	Average PM2.5 at one monitor 3 days	PM2.5 average in 3 days
1	California, Contra Costa County, Kensington	56%	29%	21%	0%	0%	0%	Average	18	
2	California, Humboldt County, Trinidad	62%	32%	13%	3%	1%	0%	Average	18	
3	Maine, Androscoggin County, Lewiston, Echo Road	51%	16%	7%	2%	1%	1%	Average	15	
4	Maine, Cumberland County, Casco, Songo River	35%	5%	3%	2%	2%	0%	Average	9	
5	Maine, Cumberland County, Cumberland , Blanchard Road	78%	50%	30%	13%	8%	6%	Average	15	
6	Maine, Kennebec County, Winslow	22%	13%	3%	1%	0%	0%	Average	10	
7	Maine, Sagadohoc County, Topsham	37%	10%	1%	0%	0%	0%	Average	2	
8	Maine, Somerset County, CanaanEastOutdoorLungs	42%	9%	2%	0%	0%	0%	Average	13	
9	Maine, Waldo County, Searsmont	37%	10%	3%	0%	0%	0%	Average	12	
10	Wisconsin, Dane County, Town of Berry, Turner	23%	2%	0%	0%	0%	0%	Average	10	
11	Wisconsin, Dane County, Black Earth	22%	1%	0%	0%	0%	0%	Average	9	
12	Wisconsin, Dane County, Deerfield, Wholly Rooted Farm	49%	18%	0%	0%	0%	0%	Average	13	
13	Wisconsin, Dane County, Madison, 950 Clarence	26%	1%	0%	0%	0%	0%	Average	10	
14	Wisconsin, Dane County, Madison, Dudgeon	42%	16%	0%	0%	0%	0%	Average	12	
15	Wisconsin, Dane County, Madison, Elinor Street	30%	5%	1%	0%	0%	0%	Average	10	
16	Wisconsin, Dane County, Madison, LaFollette	0%	0%	0%	0%	0%	0%	Average	2	
17	Wisconsin, Dane County, Madison, Sasy1	19%	1%	0%	0%	0%	0%	Average	6	
18	Wisconsin, Dane County, Madison, 9 N. Third Street	9%	0%	0%	0%	0%	0%	Average	6	
19	Wisconsin, Dane County, Madison, Wexford Village	14%	0%	0%	0%	0%	0%	Average	6	
20	Wisconsin, Dane County, Maple Bluff, GoPackGo	7%	3%	2%	2%	2%	1%	Average	6	
21	Wisconsin, Dane County, Mount Horeb	0%	0%	0%	0%	0%	0%	Average	2	
22	Wisconsin, Marathon County, Wausau	0%	0%	0%	0%	0%	0%	Average	4	
23	Wisconsin, Oneida County, Rhinelander	5%	1%	1%	0%	0%	0%	Average	2	
24	Wisconsin, Polk County, The Gauls	0%	0%	0%	0%	0%	0%	Average	2	
25	Wisconsin, Polk County, Milltown, Manor A	69%	46%	25%	7%	4%	2%	Average	25	
26	Wisconsin, Polk County, Prairie Farm	6%	3%	2%	1%	1%	1%	Average	7	
27	Wisconsin, Sauk County, Spring Green	16%	0%	0%	0%	0%	0%	Average	5	
28	Wisconsin, Vernon County, LaFarge	2%	0%	0%	0%	0%	0%	Average	8	
29	Wisconsin, Walworth County, Whitewaer, Glacier Crest	0%	0%	0%	0%	0%	0%	Average	2	
30	Canada, BC Parksville, Acacia N	81%	53%	33%	9%	5%	1%	Average	30	
31	Canada, BC Shulus, Office	28%	12%	4%	1%	0%	0%	Average	8	
32	Canada, BC, 1100 Keefer Street, Vancouver	98%	76%	36%	3%	1%	1%	Average	32	

33	Canada, BC, Woodland Park, Vancouver 854			91%	60%	20%	2%	0%	0%	Average
34	Average of all locations	35%	16%	7%	2%	1%	0%	All Average PM2.5		39

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://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.