

Episode 57DEWD Month Coast to Coast March 1, 2025, For February 2025, monthly Average PM2.5 from PurpleAir monitors downloaded. 9 micrograms per cubic meter is above EPA NAAQS annual safe limits.

35 micrograms per cubic meter is above EPA PM2.5 NAAQS safe limits in a 24 hour period. EPA NAAQS is United States Environmental Protection Agency National Ambient Air Quality Standards.

World Health Organization W H O annual safe limit is 5 micrograms per cubic meter. The formula PA times 1.8304 is what the Wisconsin Department of Environmental Protection uses to smooth out PurpleAir data on maps

Wood burning emits 90% PM2.5, particulate matter of 2.5 micrometer size, the perfect size to infiltrate the human lung, setting off a cascade of human health problems and early deaths.

Residents Against Wood Smoke Emission Particulates would like to hand out a PurpleAir PM2.5 monitor to any near neighbor of an inside residential wood burner whose wood smoke infiltrates their yards and sickens them.

Monitor name	Highland A	Ewing A	West Auburn Road, Auburn, Maine B	Rumford Elementary School MEDEP A	Maine DEP Rumford B	Mexico Fire ME DEP A	Mexico Rec ME DEP B
Month of February 2025	17	42	28	48	46	47	37
PA times .514 plus 1.8304	11	23	16	27	25	26	21
monitor number	1	2	3	4	5	6	7
municipality	Kensington California	Trinidad California	Lewiston Maine	Rumford Maine	Rumford Maine	Rumford Maine	Rumford Maine

Monitor name	ME DEP RAP A	17 Appletree Court A	Downtown Parkville A	Acacia Street N Parkville, BC B	LNIB Lands and Economic Development Office Building B	1349 E 2nd Ave A
Month of February 2025	52	31	36	28	11	60
PA times .514 plus 1.8304	29	18	20	16	7	33
monitor number	8	9	10	11	12	13
municipality	Rumford Maine	Burlington Vermont	Parkville British Columbia Canada	Parkville British Columbia Canada	Shulus British Columbia Canada	Vancouver British Columbia Canada