

Episode 57 BiD Month Coast to Coast January 1, 2025, For December 2024, 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 Particulatates 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	Maine DEP Rumford A	17 Appletree Court A	Acacia Street N Parksville, BC	Alberta Street A
Month of December 2024	52	56	56	36	39	48
PA times .514 plus 1.8304	29	31	31	20	22	27
monitor number	1	2	3	4	5	6
municipality	Kensington California	Trinidad California	Rumford Maine	Burlington Vermont	Parksville British Columbia Canada	Vancouver British Columbia Canada