

Episode 57CRB Month Wisconsin Milwaukee to Beloit Wisconsin February 1 2025, For January 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 limits 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	Allen Storage A	Backyard A	Bartels B	Base station Beta B	Bayside, WI A	Beloit College A	Beloit Memorial High School B	Brookhill Estates A	Eagle Spring Lake A	Escuela Verde, river-facing B	Fontana, WI A	GS703 B
Month of January 2025	42	56	15	37	14	35	39	47	39	45	32	43
PA times .514 plus 1.8304	23	31	10	21	9	20	22	26	22	25	18	24
monitor number	1	2	3	4	5	6	7	8	9	10	11	12
municipality	Milwaukee	Milwaukee	Milwaukee	Milwaukee	Bayside	Beloit	Beloit	Milwaukee	Mukwonago	Milwaukee	Fontana	Beloit

Monitor name	Heritage Hills A	Love My Air Wisconsin: Carson Academy, MPS B	Love My Air Wisconsin: Hopkins Lloyd School, MPS B	Love My Air Wisconsin: Lincoln Avenue School, MPS A	Love My Air Wisconsin: Milwaukee Highschool of the Arts A	Love My Air Wisconsin: OW Holmes School, MPS A	Love My Air Wisconsin: Starms Discovery Learning Center, MPS A	Love My Air Wisconsin: Westside Academy, MPS A
Month of January 2025	31	35	39	39	35	34	30	33
PA times .514 plus 1.8304	18	20	22	22	20	19	17	19
monitor number	13	14	15	16	17	18	19	20
municipality	Milwaukee	Milwaukee	Milwaukee	Milwaukee	Milwaukee	Milwaukee	Milwaukee	Milwaukee

Monitor name	Merrill Community Center A	Nature at the Confluence A	ROC5150 A	Rock County Public Health B	Shorewood A	Shorewood East A	WV9U B
Month of January 2025	43	40	29	47	6	39	35
PA times .514 plus 1.8304	24	22	17	26	5	22	20
monitor number	21	22	23	24	25	26	27
municipality	Beloit	South Beloit	Janesville	Janesville	Milwaukee	Milwaukee	Milwaukee

