

Episode 57 BiB Month Wisconsin Milwaukee to Beloit Wisconsin 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 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 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	AP1 E	Backyard A	Bartels B	Base station Beta A	Bayside, WI A	Beloit College A	Beloit Memorial High School B	Brookhill Estates A	Escuela Verde, river-facing B	Fontana, WI A	GS703 B	Love My Air Wisconsin: Carson Academy, MPS B
Month of December 2024	53	66	30	423	33	55	60	62	61	55	60	55
PA times .514 plus 1.8304	29	36	17	219	19	30	33	34	33	30	33	30
monitor number	1	2	3	4	5	6	7	8	9	10	11	12
municipality	Milwaukee	Milwaukee	Milwaukee	Milwaukee	Bayside	Beloit	Beloit	Milwaukee	Milwaukee	Fontana	Beloit	Milwaukee

Monitor name	Love My Air Wisconsin: Hawthorne School 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 B	Love My Air Wisconsin: Starns Discovery Learning Center, MPS A	Love My Air Wisconsin: Westside Academy, MPS A	Merrill Community Center A
Month of December 2024	52	58	58	55	54	53	54	63
PA times .514 plus 1.8304	29	32	32	30	30	29	30	34
monitor number	13	14	15	16	17	18	19	20
municipality	Milwaukee	Milwaukee	Milwaukee	Milwaukee	Milwaukee	Milwaukee	Milwaukee	Beloit

Monitor name	ROC5150 B	Rock County Public Health B	Shorewood A	Shorewood East A	Testwall A	The Real World A	WVSU A
Month of December 2024	47	63	11	57	144	53	55
PA times .514 plus 1.8304	26	34	7	31	76	29	30
monitor number	21	22	23	24	25	26	27
municipality	Janesville	Janesville	Milwaukee	Milwaukee	Milwaukee	Milwaukee	Milwaukee