

Episode 57DHCB Month Wisconsin Milwaukee to Beloit Wisconsin May 1 2025 For April 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
Month of April 2025	38	249	20	33	24	41	41
PA times .514 plus 1.8304	21	130	12	19	14	23	23
monitor number	1	2	3	4	5	6	7
Municipality	Milwaukee Wisconsin	Milwaukee Wisconsin	Racine Wisconsin	Butler Wisconsin	Bayside Wisconsin	Beloit Wisconsin	Beloit Wisconsin

Monitor name	Brookhill Estates A	Eagle Spring Lake A	Escuela Verde, river-facing B	Fontana, WI A	Glacial Crest A	GS703 B	Heritage Hills A
Month of April 2025	38	45	43	41	20	39	29
PA times .514 plus 1.8304	21	25	24	23	12	22	17
monitor number	8	9	10	11	12	13	14
Municipality	Brookhill Estates Wisconsin	Eagle Spring Lake Wisconsin	Milwaukee Wisconsin	Fontana Wisconsin	Whitewater Wisconsin	Beloit Wisconsin	Milwaukee Wisconsin

Monitor name	Nature at the Confluence A	ROC5150 B	Rock County Public Health B	Shorewood East A	W St. Paul Ave A	Whitefish Bay North A	WV9U B
Month of April 2025	42	36	46	37	27	30	36
PA times .514 plus 1.8304	23	20	25	21	16	17	20
monitor number	28	29	30	31	32	33	34
Municipality	South Beloit Illinois	Rock County Wisconsin	Rock County Wisconsin	Shorewood Wisconsin	Milwaukee Wisconsin	Whitefish Bay Wisconsin	New Berlin Wisconsin