

Episode 57DGEB Month Wisconsin Milwaukee to Beloit Wisconsin April 1 2025 For March 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 March 2025	31	140	15	26	15	34	34
PA times .514 plus 1.8304	18	74	10	15	10	19	19
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 March 2025	33	39	37	34	13	33	25
PA times .514 plus 1.8304	19	22	21	19	9	19	15
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	Love My Air Wisconsin: Academies of Racine at Mitchell Community School A	Love My Air Wisconsin: Browning School, MPS A	Love My Air Wisconsin: Carson Academy, MPS B	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
Month of March 2025	36	21	32	31	33	35	33
PA times .514 plus 1.8304	20	13	18	18	19	20	19
monitor number	15	16	17	18	19	20	21
Municipality	Racine Wisconsin	Milwaukee Wisconsin	Milwaukee Wisconsin	Milwaukee Wisconsin	Milwaukee Wisconsin	Milwaukee Wisconsin	Milwaukee Wisconsin

Monitor name	Love My Air Wisconsin: OW Holmes School, MPS B	Love My Air Wisconsin: Starms Discovery Learning Center, MPS A	Love My Air Wisconsin: Westside Academy, MPS B	Merrill Community Center A	Nature at the Confluence A	ROC5150 B	Rock County Public Health B
Month of March 2025	31	32	35	37	34	27	38
PA times .514 plus 1.8304	18	18	20	21	19	16	21
monitor number	22	23	24	25	26	27	28
Municipality	Milwaukee Wisconsin	Milwaukee Wisconsin	Milwaukee Wisconsin	Beloit Wisconsin	South Beloit Illinois	Afton Wisconsin	Janesville Wisconsin

Monitor name	Shorewood A	Shorewood East A	WV9U A
Month of March 2025	5	30	29
PA times .514 plus 1.8304	4	17	17
monitor number	29	30	31
Municipality	Shorewood Wisconsin	Shorewood Wisconsin	New Berlin Wisconsin