

Episode 57DHVA Month Wisconsin Dane County Area June 1 2025 For May 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	43.048414707517445 A	9 N. Third A	950 Clarence Ct A	APT Touchstone A	APT-HILL A	Berry B	CCB room 115 B	Daniel B	Dudgeon-Monroe A	Elmside Circle Park B
Month of May 2025	30	26	25	4	20	32	3	20	25	314
PA times .514 plus 1.8304	17	15	15	4	12	18	3	12	15	163
monitor number	1	2	3	4	5	6	7	8	9	10
municipality	Lake Mills Wisconsin	Madison Wisconsin	Madison Wisconsin	Spring Green Wisconsin	Spring Green Wisconsin	Berry Wisconsin	Madison Wisconsin	Black Earth Wisconsin	Madison Wisconsin	Madison Wisconsin

Monitor name	Emil st engineering 1st floor offices A	Faircrest A	FORT HEALTHCARE A	Gary and Elinor B	GoPackOutside A	Griffin A	Hickory Hills A	Irvington Hope A	Lacy Heights B	LAWD3 B
Month of May 2025	8	26	33	17	25	10	15	12	33	26
PA times .514 plus 1.8304	6	15	19	11	15	7	10	8	19	15
monitor number	11	12	13	14	15	16	17	18	19	20
municipality	Madison Wisconsin	Madison Wisconsin	Fort Atkinson Wisconsin	Madison Wisconsin	Maple Bluff Wisconsin	Deforest Wisconsin	Mount Horeb Wisconsin	Madison Wisconsin	Fitchburg Wisconsin	Verona Wisconsin

Monitor name	LAWD5 B	Miami, Wisconsin A	Orton Park A	SASY 3b A	SASY 6 B	SASY1A A	Sasy7a A	Shorewood Hills A	Stoughton, WI A	Stricker's Pond (inside) A
Month of May 2025	22	8	38	26	26	32	18	24	22	5
PA times .514 plus 1.8304	13	6	21	15	15	18	11	14	13	4
monitor number	21	22	23	24	25	26	27	28	29	30
municipality	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin	Shorewood Hills Wisconsin	Stoughton Wisconsin	Middleton Wisconsin

Monitor name	The Domain A	Verona 4.4 NNW A	Wholly Rooted Farm A
Month of May 2025	17	28	27
PA times .514 plus 1.8304	11	16	16
monitor number	31	32	33
municipality	Madison Wisconsin	Verona Wisconsin	Deerfield Wisconsin