

Episode 57DHCA Month Wisconsin Dane County Area 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	30 A	43.048414707517445 A	9 N. Third A	APT Touchstone A	APT-HILL A	CCB room 115 B	Daniel B
Month of April 2025	2	38	36	3	32	5	34
PA times .514 plus 1.8304	3	21	20	3	18	4	19
monitor number	1	2	3	4	5	6	7
municipality	Lake Mills Wisconsin	Madison Wisconsin	Madison Wisconsin	Spring Green Wisconsin	Spring Green Wisconsin	Madison Wisconsin	Black Earth Wisconsin

Monitor name	Dudgeon-Monroe A	Elinor and Gary A	Emil st engineering 1st floor offices A	FORT HEALTHCARE A	Glacial Crest A	GoPackOutside A	Griffin A
Month of April 2025	37	47	8	48	20	30	9
PA times .514 plus 1.8304	21	26	6	27	12	17	6
monitor number	8	9	10	11	12	13	14
municipality	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin	Fort Atkinson Wisconsin	Whitewater Wisconsin	Maple Bluff Wisconsin	Deforest Wisconsin

Monitor name	Hickory Hills A	Irvington Hope A	Lacy Heights B	LAWD3 B	LAWD5 B	Miami, Wisconsin A	MNA WilMar Location B
Month of April 2025	25	14	49	38	32	5	41
PA times .514 plus 1.8304	15	9	27	21	18	4	23
monitor number	15	16	17	18	19	20	21
municipality	Mount Horeb Wisconsin	Madison Wisconsin	Verona Wisconsin	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin

Monitor name	Orton Park A	PA_01 A	Rutledge B	SASY 3b B	SASY1A A	Sasy7a A	Shorewood Hills A
Month of April 2025	165	1	36	37	40	23	33
PA times .514 plus 1.8304	87	2	20	21	22	14	19
monitor number	22	23	24	25	26	27	28
municipality	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin	Shorewood Hills Wisconsin

Monitor name	Stoughton, WI B	Stricker's Pond (inside) A	The Domain A	Turner B	Verona 4.4 NNW A	Wholly Rooted Farm A
Month of April 2025	34	2	20	40	41	41
PA times .514 plus 1.8304	19	3	12	22	23	23
monitor number	29	30	31	32	33	34
municipality	Stoughton Wisconsin	Madison Wisconsin	Madison Wisconsin	Berry Wisconsin	Verona Wisconsin	Deerfield Wisconsin