

Episode 57DGEA Month Wisconsin Dane County Area 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	43.048414707517445 A	9 N. Third A	950 Clarence Ct A	APT Touchstone A	APT-HILL A	CCB room 115 B	Columbia County Public Health - Portage A
Month of March 2025	31	33	31	3	27	4	35
PA times .514 plus 1.8304	18	19	18	3	16	4	20
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	Columbus Wisconsin

Monitor name	Daniel A	Dudgeon-Monroe B	Eagle Spring Lake A	Elinor and Gary B	Elmside Circle Park A	Emil st engineering 1st floor offices A	Faircrest A
Month of March 2025	41	52	39	43	30	7	35
PA times .514 plus 1.8304	23	29	22	24	17	5	20
monitor number	8	9	10	11	12	13	14
municipality	Black Earth Wisconsin	Madison Wisconsin	Mukwonago Wisconsin	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin

Monitor name	FORT HEALTHCARE A	Glacial Crest A	GoPackInside A	GoPackOutside A	Griffin A	Hickory Hills A	LAWD3 B
Month of March 2025	40	13	23	27	4	19	31
PA times .514 plus 1.8304	22	9	14	16	4	12	18
monitor number	15	16	17	18	19	20	21
municipality	Fort Atkinson Wisconsin	Whitewater Wisconsin	Maple Bluff Wisconsin	Maple Bluff Wisconsin	Deforest Wisconsin	Mount Horeb Wisconsin	Madison Wisconsin

Monitor name	LAWD5 B	Miami, Wisconsin A	MNA WilMar Location B	Orton Park B	PA_01 A	Rutledge B	SASY 3b B
Month of March 2025	28	3	33	31	0	30	31
PA times .514 plus 1.8304	16	3	19	18	2	17	18
monitor number	22	23	24	25	26	27	28
municipality	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin

Monitor name	SASY 6 B	SASY1A A	Sasy7a B	Shorewood Hills A	Stoughton, WI B
Month of March 2025	28	33	18	28	27
PA times .514 plus 1.8304	16	19	11	16	16
monitor number	29	30	31	32	33
municipality	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin	Shorewood Hills Wisconsin	Stoughton Wisconsin

Monitor name	The Domain A	Turner B	Verona 4.4 NNW A	Wholly Rooted Farm A
Month of March 2025	15	34	35	35
PA times .514 plus 1.8304	10	19	20	20
monitor number	34	35	36	37
municipality	Madison Wisconsin	Berry Wisconsin	Verona Wisconsin	Deerfield Wisconsin