

Episode 57BiA Month Wisconsin Dane County January 1, 2025, For December 2024, 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	1885 E. Main Street, Madison, WI 53704 A	30 A	9 N. Third A	950 Clarence Ct B	Allen Storage A	APT Touchstone A	APT-HILL A	CCB room 115 B	Columbia County Public Health - Portage A	Daniel B	Dudgeon-Monroe A	Eagle Spring Lake A
Month of December 2024	41	1	1756	54	59	2	52	4	62	58	61	58
PA times .514 plus 1.8304	23	2	904	30	32	3	29	4	34	32	33	32
monitor number	1	2	3	4	5	6	7	8	9	10	11	12
municipality	Madison	Madison	Madison	Madison	Madison	Spring Green	Spring Green	Madison	Columbus	Black Earth	Madison	Mukwonago

Monitor name	Elinor and Gary B	Elmside Circle Park A	Emil st engineering 1st floor offices A	Faircrest A	FORT HEALTHCARE A	Glacial Crest A	GoPackOutside A	Griffin A	Hickory Hills A	Lacy Heights B
Month of December 2024	64	50	11	64	70	29	43	6	32	66
PA times .514 plus 1.8304	35	28	7	35	38	17	24	5	18	36
monitor number	13	14	15	16	17	18	19	20	21	22
municipality	Madison	Madison	Madison	Madison	Fort Atkinson	Whitewater	Maple Bluff	DeForest	Mount Horeb	Fitchburg

Monitor name	LAWD3 A	LAWD5 B	Miami, Wisconsin A	MNA WilMar Location B	Orton Park B	PA_01 B	Rutledge B	SASY 3b B	SASY 6 B	SASY1A A
Month of December 2024	59	54	6	54	66	2	50	48	47	53
PA times .514 plus 1.8304	32	30	5	30	36	3	28	27	26	29
monitor number	23	24	25	26	27	28	29	30	31	32
municipality	Verona	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Madison

Monitor name	Sasy7a B	Shorewood Hills B	Stoughton, WI B	Turner B	Verona 4.4 NNW B	Wholly Rooted Farm A
Month of December 2024	20	51	54	59	61	64
PA times .514 plus 1.8304	12	28	30	32	33	35
monitor number	33	34	35	36	37	38
municipality	Madison	Shorewood Hills	Stoughton	Berry	Verona	Deerfield

