

Webisode 57DHXXXB Two Month Wisconsin Dane County Area October 1 2025 For August and September 2025 monthly Average PM2 point 5 from PurpleAir monitors downloaded 9 micrograms per cubic meter is above EPA N A A Q S annual safe limits

35 micrograms per cubic meter is above EPA PM2 point 5 N A A Q S safe limits in a 24 hour period EPA N A A Q S is United States Environmental Protection Agency National Ambient Air Quality Standards

World Health Organization W H O annual safe limit is 5 micrograms per cubic meter The formula PurpleAir P A times 1 point 8304 is what the Wisconsin Department of Environmental Protection uses to smooth out PurpleAir data on maps

Wood burning emits 90% PM2 point 5 particulate matter of 2 point 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 point 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 B	9 N. Third B	950 Clarence Ct B	APT Touchstone A	APT-HILL A	Castle Oaks, Waunakee B	CCB room 115 B	Daniel A	Dudgeon-Monroe A
Month of August 2025	5	58	59	62	66	59	55	24	60	65
Month of September 2025	4	43	48	52	55	49	56	9	160	53
PA times .514 plus 1.8304	4	32	32	34	36	32	30	14	33	35
PA times .514 plus 1.8304	4	24	27	29	30	27	31	6	84	29
monitor number	1	2	3	4	5	6	7	8	9	10
municipality	Westport Wisconsin	Lake Mills Wisconsin	Madison Wisconsin	Madison Wisconsin	Spring Green Wisconsin	Spring Green Wisconsin	Waunakee Wisconsin	Madison Wisconsin	Black Earth Wisconsin	Madison Wisconsin

Monitor Name	Elmside Circle Park A	Emil st engineering 1st floor offices A	Faircrest A	FORT HEALTHCARE A	Gary and Elinor B	GoPackOutside A	Hickory Hills A	Lacy Heights B	LAWD3 B	LAWD5 B
Month of August 2025	62	34	60	71	63	56	57	69	70	155
Month of September 2025	52	22	47	57	30	40	40	57	52	50
PA times .514 plus 1.8304	34	19	33	38	34	31	31	37	38	82
PA times .514 plus 1.8304	29	13	26	31	17	22	22	31	29	28
monitor number	11	12	13	14	15	16	17	18	19	20
municipality	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin	Fort Atkinson Wisconsin	Madison Wisconsin	Maple Bluff Wisconsin	Mount Horeb Wisconsin	Fitchburg Wisconsin	Madison Wisconsin	Madison Wisconsin

Monitor Name	McClellan Park, Madison WI A	Mifflin St B	Nordic Ridge, Stoughton, WI A	Orton Park B	PA_01 A	Rutledge B	SASY 3b A	SASY1A A	Sasy7a A	Shorewood Hills B
Month of August 2025		61	70	62	2	57	60	61	50	560
Month of September 2025	57	45	58	50	1	45	47	52	30	0
PA times .514 plus 1.8304	2	33	38	34	3	31	33	33	28	290
PA times .514 plus 1.8304	31	25	32	28	2	25	26	29	17	2
monitor number	21	22	23	24	25	26	27	28	29	30
municipality	Madison Wisconsin	Madison Wisconsin	Stoughton Wisconsin	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin	Madison Wisconsin	Shorewood Wisconsin

Monitor Name	Stoughton, WI B	Stricker's Pond (inside) A	Town of Berry B	Tuggle Lane A	Verona 4.4 NNW A	Waltz Park A	Wholly Rooted Farm B
Month of August 2025	59	6	64		66	62	1229
Month of September 2025	45	9	53	55	53	52	1358
PA times .514 plus 1.8304	32	5	35	2	36	34	634
PA times .514 plus 1.8304	25	6	29	30	29	29	700
monitor number	31	32	33	34	35	36	37
municipality	Stoughton Wisconsin	Madison Wisconsin	Town of Berry Wisconsin	Wauaukee Wisconsin	Verona Wisconsin	Mount Horeb Wisconsin	Deerfield Wisconsin