

Episode 56VPAMonth Wisconsin, Dane County, July 7, 2024, For June 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.

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.

DateTime	Average	Turner A	Daniel A	Wholly Rooted Farm A	30 A	Griffin A	Lacy Heights A	GoPackOutside A
average minus countblank		54	36	47	5	20	43	47
PA times .514 plus 1.8304		30	20	26	5	12	24	26
monitor number		1	2	3	4	5	6	7
municipality		Berry, WI	Black Earth, WI	Deerfield, WI	Madison, WI	Deforest, WI	Fitchburg, WI	Maple Bluff, WI

DateTime	Average	Hickory Hills A	Shorewood Hills A	Stoughton, WI A	LAWD3 A	950 Clarence Ct A	Dudgeon-Monroe A	Gary and Elinor A
average minus countblank		31	21	12	54	51	51	25
PA times .514 plus 1.8304		18	13	8	30	28	28	15
monitor number		8	9	10	11	12	13	14
municipality		Mount Horeb, WI	Shorewood Hills, WI	Stoughton, WI	Madison, WI	Madison, WI	Madison, WI	Madison, WI

DateTime	Average	Elmside Circle Park A	LAWD2 A	LAWD6 A	LAWD5 A	Irvington Hope A	Faircrest A	CCB room 115 A	Sensing sam A	MNA WilMar Location A
average minus countblank		45	53	59	48	37	47	4	10	47
PA times .514 plus 1.8304		25	29	32	26	21	26	4	7	26
monitor number		15	16	17	18	19	20	21	22	21
municipality		Madison, WI	Madison, WI	Madison, WI	Madison, WI	Madison, WI	Madison, WI	Madison, WI	Madison, WI	Madison, WI

DateTime	Average	PA_01 A	9 N. Third A	SASY1A A	SASY 3b A	Sasy7a A
average minus countblank		28	31	50	46	40
PA times .514 plus 1.8304		16	18	27	26	22
monitor number		22	23	24	25	26
municipality		Madison, WI	Madison, WI	Madison, WI	Madison, WI	Madison, WI