

Episode 56VPA3day Wisconsin, Dane County, July 7, 2024, For July 4 to 7, 2024, the 3 day 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	Elinor and Gary A	PA_01 A	Elmside Circle Park A	Faircrest A
July 4-7, 2024	Ave.minus.blank	28	25	44	0	40	31
PAtimes0.514plus1.8304	EPACorrelation	16	15	24	2	22	18
PA Sensor Number		1	2	3	4	5	6
Sensor Name		Turner A	Daniel A	Elinor and Gary A	PA_01 A	Elmside Circle Park A	Faircrest A
Municipality		Berry, Wisconsin	Black Earth, Wisconsin	Madison, Wisconsin	Madison, Wisconsin	Madison, Wisconsin	Madison, Wisconsin

DateTime	Average	950 Clarence Ct A	Dudgeon-Monroe A	Wholly Rooted Farm A	30 A	Griffin A	Lacy Heights A
July 4-7, 2024	Ave.minus.blank	36	36	36	5	13	25
PAtimes0.514plus1.8304	EPACorrelation	20	20	20	5	9	15
PA Sensor Number		7	8	9	10	11	12
Sensor Name		950 Clarence Ct A	Dudgeon-Monroe A	Wholly Rooted Farm A	30 A	Griffin A	Lacy Heights A
Municipality		Madison, Wisconsin	Madison, Wisconsin	Deerfield, Wisconsin	Madison, Wisconsin	Deforest, Wisconsin	Fitchburg, Wisconsin

DateTime	Average	GoPackOutside A	Hickory Hills A	Stoughton, WI A	LAWD3 A	Irvington Hope A	Emil st engineering 1st floor offices A
July 4-7, 2024	Ave.minus.blank	32	14	28	34	26	23
PAtimes0.514plus1.8304	EPACorrelation	18	9	16	19	15	14
PA Sensor Number		13	14	15	16	17	18
Sensor Name		GoPackOutside A	Hickory Hills A	Stoughton, WI A	LAWD3 A	Irvington Hope A	Emil st engineering 1st floor offices A
Municipality		Maple Bluff, Wisconsin	Mount Horeb, Wisconsin	Stoughton, Wisconsin	Madison, Wisconsin	Madison, Wisconsin	Madison, Wisconsin

DateTime	Average	LAWD2 A	LAWD4 A	LAWD5 A	LAWD6 A	SASY1A A	SASY 3b A
July 4-7, 2024	Ave.minus.blank	46	31	32	39	37	34
PAtimes0.514plus1.8304	EPACorrelation	25	18	18	22	21	19
PA Sensor Number		19	20	21	22	23	24
Sensor Name		LAWD2 A	LAWD4 A	LAWD5 A	LAWD6 A	SASY1A A	SASY 3b A
Municipality		Madison, Wisconsin	Madison, Wisconsin	Madison, Wisconsin	Madison, Wisconsin	Madison, Wisconsin	Madison, Wisconsin

DateTime	Average	Sasy7a A	9 N. Third A	Sensing sam A	CCB room 115 A	MNA WilMar Location A	Shorewood Hills A
July 4-7, 2024	Ave.minus.blank	26	38	19	1	31	32
PAtimes0.514plus1.8304	EPACorrelation	15	21	11	2	18	18
PA Sensor Number		25	26	27	27	28	29
Sensor Name		Sasy7a A	9 N. Third A	Sensing sam A	CCB room 115 A	MNA WilMar Location A	Shorewood Hills A
Municipality		Madison, Wisconsin	Madison, Wisconsin	Madison, Wisconsin	Madison, Wisconsin	Madison, Wisconsin	Shorewood Hills, Wisconsin