

Episode 57BiC Month Northern Wisconsin 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.

	1015 Blazing Star Blvd B	42xx Glidden Drive B	AGM A	ASHLAND, WI near Northland College B	Bailey's Harbor B	Bear's Air Station B	Chetek 3 B	Chetek 5 A	Chippewa Falls High School A	Crystal Cave A	Edgewood B	Greens Coulee A
Month of December 2024	55	33	38	13	2865	45	50	61	52	63	50	54
PA times .514 plus 1.8304	30	19	21	9	1474	25	28	33	29	34	28	30
monitor number	1	2	3	4	5	6	7	8	9	10	11	12
municipality	Eau Claire	Door County	New London	Ashland	Door County	Wausau	Chetek	Chetek	Chippewa Falls	Spring Valley	Grand Chute	Onalaska

	Hillsboro A	Lake St. Croix B	Lake Wissota B	Lamborn_ & 17th A	Lemar Lane 2 B	LU_011 B	Manitowoc South A	Manor B	Mildred1 A	MTU-CSEO Ironwood Area Schools A	NEON D05 TREE B	NEON-D05 UNDE B
Month of December 2024	59	40	55	39	33	35	32	53	9	38	36	23
PA times .514 plus 1.8304	32	22	30	22	19	20	18	29	6	21	20	14
monitor number	13	14	15	16	17	18	19	20	21	22	23	24
municipality	Vernon County	Hudson	Lake Wissota	Superior	New Richmond	Appleton	Manitowoc	Amery	Rhineland	Ironwood	Rhineland	Land o Lakes

	Peninsula State Park, Fish Creek WI B	Pete Paine B	Plymouth I B	Poquette Lake A	Prairie Farm 1 A	Rhineland, WI A	River View Ave A	Seymour	South Superior A	Sparta 1 A	Sparta 3 B	Sparta 4 B
Month of December 2024	28	34	35	11	53	13	45	48	14	154	52	57
PA times .514 plus 1.8304	16	19	20	7	29	9	25	27	9	81	29	31
monitor number	25	26	27	28	29	30	31	32	33	34	35	36
municipality	Door County	Superior	Plymouth	Poquette	Arland	Rhineland	Appleton	Seymour	Superior	Sparta	Sparta	Sparta

	Spikehorn Creek B	State St @ 23rd N B	Stubbs 1 A	Suamico A	Superior Fire Department Headquarters A	Superior Fire Department Station 2 A	Taylor 1 A	Taylor B	The Animal House A	The Good Place A	Viroqua B	Washburn, WI A	White Tail Outside A
Month of December 2024	29	48	53	54	48	53	34	46	58	56	56	27	47
PA times .514 plus 1.8304	17	27	29	30	27	29	19	25	32	31	31	16	26
monitor number	37	38	39	40	41	42	43	44	45	46	47	48	49
municipality	Spikehorn Creek	LaCrosse	Stubbs	Suamico	Superior	Superior	Taylor	Taylor	Appleton	Chilton	Viroqua	Washburn	Oshkosh