Episode 56WKD Month Eastern Wisconsin, August 3, 2024, For July 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 | ASHLAND, WI near Northland College A | Sugar Camp Mill Lk A | Camp WeHaKee A | Lake Wissota A | Hillsboro A | Columbia County Public Health - Portage A | River View Ave A |
|---|---|---|---|---|---|---|---|
| Month of July 2024 | 48 | 60 | 51 | 47 | 50 | 52 | 56 |
| PA times .514 plus 1.8304 | 26 | 32 | 28 | 25 | 27 | 28 | 30 |
| monitor number | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| municipality | Eastern Wisconsin | Eastern Wisconsin | Eastern Wisconsin | Eastern Wisconsin | Eastern Wisconsin | Eastern Wisconsin | Eastern Wisconsin |

| DateTime | Bear's Air Station A | Mildred1 A | Rhinelander,WI A | Rhinelander UCC A | AGM A | Edgewood A | The Animal House A |
|---|---|---|---|---|---|---|---|
| Month of July 2024 | 52 | 25 | 41 | 40 | 52 | 38 | 46 |
| PA times .514 plus 1.8304 | 28 | 14 | 22 | 22 | 28 | 21 | 25 |
| monitor number | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| municipality | Eastern Wisconsin | Eastern Wisconsin | Eastern Wisconsin | Eastern Wisconsin | Eastern Wisconsin | Eastern Wisconsin | Eastern Wisconsin |

| DateTime | The Good Place A | White Tail Outside A | Allen Storage A | Base station Beta A | Plymouth I A | Manitowoc South A | NDK A |
|---|---|---|---|---|---|---|---|
| Month of July 2024 | 51 | 55 | 52 | 103 | 37 | 45 | 55 |
| PA times .514 plus 1.8304 | 28 | 30 | 28 | 54 | 20 | 24 | 30 |
| monitor number | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| municipality | Eastern Wisconsin | Eastern Wisconsin | Eastern Wisconsin | Eastern Wisconsin | Eastern Wisconsin | Eastern Wisconsin | Eastern Wisconsin |

| DateTime | Nautical Drive A | Spikehorn Creek A | Peninsula State Park, Fish Creek WI A | Bailey's Harbor A | Creative Campus A | 42xx Glidden Drive A |
|---|---|---|---|---|---|---|
| Month of July 2024 | 51 | 43 | 44 | 42 | 33 | 41 |
| PA times .514 plus 1.8304 | 28 | 23 | 24 | 23 | 18 | 22 |
| monitor number | 22 | 23 | 24 | 25 | 26 | 27 |
| municipality | Eastern Wisconsin | Eastern Wisconsin | Eastern Wisconsin | Eastern Wisconsin | Eastern Wisconsin | Eastern Wisconsin |