

Episode 57DGED Month Coast to Coast March 1 2025 For March 2025, 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 limit 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

Monitor name		1349 E 2nd Ave A	Acacia Street N Parksville,BC B	Alberta Street A	BC Lung Foundation B	Downtown Parksville A	Ewing A
Month of March 2025		39	17	10	11	20	35
PA times .514 plus 1.8304		22	11	7	7	12	20
monitor number		1	2	3	4	5	6
municipality		Vancouver British Columbia Canada	Parksville British Columbia Canada	Vancouver British Columbia Canada	Vancouver British Columbia Canada	Parksville British Columbia Canada	Trinidad California

Monitor name		Highland A	LNIB Lands and Economic Development Office Building B	Maine DEP Rumford A	Mexico Fire ME DEP A	RAP ME DEP 1 A	Rumford Elementary School DEP #2 B
Month of March 2025		15	2	47	45	52	51
PA times .514 plus 1.8304		10	3	26	25	29	28
monitor number		7	8	9	10	11	12
municipality		Kensington California	Shulus British Columbia Canada	Rumford Maine	Rumford Maine	Rumford Maine	Rumford Maine

Monitor name		Sylvan Crescent B	West Auburn Road, Auburn, Maine B	Winslow, Maine B
Month of March 2025		13	19	11
PA times .514 plus 1.8304		9	12	7
monitor number		13	14	15
municipality		Parksville British Columbia Canada	Auburn Maine	Winslow Maine