

July 17, 2026

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

	Pittsburgh, PA	Mon Valley Area, PA
Today	PM2.5 Very Unhealthy 275 AQI	PM2.5 Very Unhealthy 250 AQI
Tomorrow	PM2.5 Unhealthy for Sensitive Groups 150 AQI	PM2.5 Unhealthy for Sensitive Groups 150 AQI

Today’s Air Quality Forecast: Dense Canadian wildfire smoke continues to impact the area. The smoke has reduced air quality into the “Very Unhealthy” category. The Pennsylvania Department of Environmental Protection has issued an Air Quality Alert Code Purple for PM2.5 concentrations today. Dense smoke will persist overnight and into Saturday morning. Southerly winds will push the smoke out of the area by Saturday afternoon and PM2.5 concentrations will vastly improve.

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	Morning	11	CALM	Moderate
	Afternoon	24	N 5	--
Tonight	Evening	3	N 5	Weak
	Overnight	6	SW 5	Moderate
Tomorrow	Morning	33	SW 5-10	Weak
	Afternoon	48	SW 10-15 G 20	--

Morning Surface Temperature Inversion Report:

	Surface Temperature Inversion?	Temperature (°C)	Depth (m)	Est. Break Time (EST)	Characterization	Upper air Inversion Present?
Today	Yes	3.2	333	9:00 a.m.	Moderate	Yes