November 2, 2026

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: AWC | Date: 11/2/2026 | Time: 8:30 AM

	Pittsburgh, PA	Mon Valley Area, PA
Today	PM2.5 Good 49 AQI	PM2.5 Moderate 70 AQI
Tomorrow	PM2.5 Good 40 AQI	PM2.5 Moderate 60 AQI

Today's Air Quality Forecast: A weak temperature inversion was observed on the morning sounding which will act to trap pollutants near the surface. This will result in elevated PM2.5 conditions this morning. The inversion should dissipate around 9:00 a.m. this morning which will reduce PM2.5 concentrations. Most areas should average in the good range today, but a few spots in the Mon Valley could still average in the moderate range.

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	Morning	13	CALM	Weak
	Afternoon	28	S 5-10 G 15	--
Tonight	Evening	4	CALM	Weak
	Overnight	4	CALM	Moderate
Tomorrow	Morning	19	CALM	Moderate
	Afternoon	37	S 5-10	--

Morning Surface Temperature Inversion Report:

	Surface Temperature Inversion?	Temperature (°C)	Depth (m)	Est. Break Time (EST)	Characterization	Upper air Inversion Present?
Today	Yes	1.3	122	9:00 a.m.	Weak	No

Data provided by the PA Department of Environmental Protection (PADEP) and the National Weather Service (NWS)