November 16, 2026

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: AWC | Date: 11/16/2026 | Time: 8:30 AM

	Pittsburgh, PA	Mon Valley Area, PA
Today	PM2.5 Good 30 AQI	PM2.5 Good 35 AQI
Tomorrow	PM2.5 Moderate 55 AQI	PM2.5 Moderate 65 AQI

Today's Air Quality Forecast: Today will begin with cloudy skies and cool temperatures. Clouds will break up some in the afternoon, but it will stay cool with highs in the upper 40s. PM2.5 concentrations should average in the good range. That will change tonight as clouds recede from the area allowing for a strong temperature inversion to develop. This will result in elevated PM2.5 concentrations across the area. The Mon Valley Area will likely have some hours with an AQI in the unhealthy for sensitive group range.

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	Morning	27	CALM	--
	Afternoon	23	W 5	--
Tonight	Evening	3	CALM	Weak
	Overnight	2	CALM	Moderate
Tomorrow	Morning	12	CALM	Strong
	Afternoon	25	SW 5	--

Morning Surface Temperature Inversion Report:

	Surface Temperature Inversion?	Temperature (°C)	Depth (m)	Est. Break Time (EST)	Characterization	Upper air Inversion Present?
Today	No	--	--	--	--	Yes

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