

November 14, 2025

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: GVP

Date: 11/14/2025

Time: 8:30 AM

	Pittsburgh, PA	Liberty-Clairton Area, PA
Today	PM2.5 Moderate 60 AQI	PM2.5 Moderate 55 AQI
Tomorrow	PM2.5 Moderate 60 AQI	PM2.5 Moderate 55 AQI

Today's Air Quality Forecast:

Intervals of clouds and sunshine with highs in the low 50s. Ozone is in the good range. PM2.5 is in the moderate range, with the highest concentrations occurring in the morning due to an inversion. Saturday will be slightly warmer with highs closer to 60, rain possible, and moderate PM2.5. Sunday will be cool and breezy with PM2.5 in the good range.

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	Morning	12	SW 5-10	Moderate
	Afternoon	26	SW 5-10	--
Tonight	Evening	5	SW < 5	--
	Overnight	4	SW < 5	--
Tomorrow	Morning	19	SW 10-15	Moderate
	Afternoon	36	SW 10-15	--

Morning Surface Temperature Inversion Report:

	Surface Temperature Inversion?	Temperature (°C)	Depth (m)	Est. Break Time (EDT)	Characterization	Upper air Inversion Present?
Today	Yes	3.0	278	10am	Moderate	Yes