

October 16, 2025

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: GVP

Date: 10/16/2025

Time: 8:30 AM

	Pittsburgh, PA	Liberty-Clairton Area, PA
Today	PM2.5 Good 38 AQI	PM2.5 Good 36 AQI
Tomorrow	PM2.5 Moderate 54 AQI	PM2.5 Moderate 54 AQI

Today’s Air Quality Forecast:

Sunny skies with a cool north-to-northwesterly breeze. Highs in near 60. Ozone is in the good range. PM2.5 is in the good range.

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	Morning	43	N 5-10	Weak
	Afternoon	61	N 5-10	--
Tonight	Evening	8	N < 5	--
	Overnight	3	Calm	Weak
Tomorrow	Morning	8	N < 5	Moderate
	Afternoon	18	NW < 5	--

Morning Surface Temperature Inversion Report:

	Surface Temperature Inversion?	Temperature (°C)	Depth (m)	Est. Break Time (EDT)	Characterization	Upper air Inversion Present?
Today	Weak	1.8	102	9am	Weak	Yes