

September 12, 2025

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: GVP

Date: 9/12/2025

Time: 8:30 AM

	Pittsburgh, PA	Liberty-Clairton Area, PA
Today	Ozone Moderate 90 AQI	PM2.5 Moderate 62 AQI
Tomorrow	Ozone Moderate 87 AQI	PM2.5 Moderate 60 AQI

Today's Air Quality Forecast:

Warm with sunny skies and highs in the low to mid 80s. PM2.5 will average out in the moderate range, with the highest concentrations in the morning due to an inversion. Ozone is also in the moderate range with the highest concentrations in the afternoon.

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	Morning	13	Calm	Strong
	Afternoon	25	E < 5	--
Tonight	Evening	2	E-SE < 5	--
	Overnight	3	Calm	Moderate
Tomorrow	Morning	12	SW < 5	Strong
	Afternoon	68	W 5-10	--

Morning Surface Temperature Inversion Report:

	Surface Temperature Inversion?	Temperature (°C)	Depth (m)	Est. Break Time (EDT)	Characterization	Upper air Inversion Present?
Today	Yes	6.8	290	10 am	Strong	Yes