

July 15, 2025

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: GVP

Date: 7/15/2025

Time: 8:30 AM

	Pittsburgh, PA	Liberty-Clairton Area, PA
Today	Ozone Moderate 93 AQI	PM2.5 Moderate 70 AQI
Tomorrow	PM2.5 Moderate 56 AQI	PM2.5 Moderate 52 AQI

Today's Air Quality Forecast:

Patchy fog in the morning, then partly to mostly sunny skies. Warm, with highs in the upper 80s. Scattered afternoon and evening thunderstorms are possible, particularly to the southeast of Pittsburgh. Ozone is in the upper moderate range and PM2.5 is in the mid-moderate range.

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	Morning	15	Calm	Weak
	Afternoon	27	E < 5	--
Tonight	Evening	3	SE < 5	--
	Overnight	3	SW < 5	Slight
Tomorrow	Morning	19	SW 5-10	Weak
	Afternoon	38	SW 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	2.0	344	9am	Weak	No