

August 18, 2025

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: AWC	Date: 8/18/2025	Time: 8:30 AM
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	Pittsburgh, PA	Liberty-Clairton Area, PA
Today	PM2.5 Moderate 55 AQI	PM2.5 Moderate 55 AQI
Tomorrow	PM2.5 Moderate 62 AQI	PM2.5 Moderate 60 AQI

Today’s Air Quality Forecast: Mostly sunny skies and less humid today with highs in the low to mid 80s. Winds will be out of the northeast around 5-10 MPH. PM2.5 will average in the low moderate range today. Ozone could possibly reach into the low moderate range today as well. Warmer weather with storm chances will arrive by midweek.

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	Morning	28	NE 5-10	--
	Afternoon	35	NE 5-10	--
Tonight	Evening	5	NE 5	Slight
	Overnight	5	CALM	Weak
Tomorrow	Morning	25	CALM	Weak
	Afternoon	45	SE 5	--

Morning Surface Temperature Inversion Report:

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