

October 20, 2025

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: AWC

Date: 10/20/2025

Time: 8:30 AM

	Pittsburgh, PA	Liberty-Clairton Area, PA
Today	PM2.5 Good 36 AQI	PM2.5 Good 35 AQI
Tomorrow	PM2.5 Good 49 AQI	PM2.5 Good 48 AQI

Today’s Air Quality Forecast: Mostly cloudy skies with a slight chance of a shower this morning. Clouds will clear by the afternoon, and high temperatures will rise into the upper 50s and low 60s. It will be breezy today with a west wind between 10-15 MPH and gusts over 20 MPH. PM2.5 conditions will average in the good range today.

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	Morning	61	W 10-15	--
	Afternoon	73	W 10-15 G 20+	--
Tonight	Evening	8	W 5-10	Weak
	Overnight	7	S 5	Weak
Tomorrow	Morning	41	S 5	Moderate
	Afternoon	46	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	No	--	--	--	--	No