

October 23, 2025

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: AWC

Date: 10/23/2025

Time: 8:30 AM

	Pittsburgh, PA	Liberty-Clairton Area, PA
Today	PM2.5 Good 28 AQI	PM2.5 Good 26 AQI
Tomorrow	PM2.5 Good 40 AQI	PM2.5 Good 39 AQI

Today’s Air Quality Forecast: Mostly cloudy skies today with a chance of showers. It will be breezy with wind speeds of 10-15 MPH out of the southwest and gusts of 25+ MPH possible. PM2.5 conditions will average in the good range today and Friday. Moderate PM2.5 concentrations could return this weekend as stronger morning temperature inversion return.

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	Morning	46	WSW 10 G 20	--
	Afternoon	60	WSW 10-15 G 25+	--
Tonight	Evening	21	W 5-10	--
	Overnight	6	WSW 5	--
Tomorrow	Morning	29	W 5	--
	Afternoon	43	W 5-10 G 15	--

Morning Surface Temperature Inversion Report:

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