

October 27, 2025

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: AWC

Date: 10/27/2025

Time: 8:30 AM

	Pittsburgh, PA	Liberty-Clairton Area, PA
Today	PM2.5 Good 48 AQI	PM2.5 Good 47 AQI
Tomorrow	PM2.5 Good 38 AQI	PM2.5 Good 38 AQI

Today’s Air Quality Forecast:
Temperatures will start off in the 30s this morning across the area with a moderate surface temperature inversion present. Monday will feature pleasant weather with sunny skies and highs around 60 degrees. Good air quality will persist for Monday and Tuesday. Rain moves back into the area on Wednesday.

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	Morning	29	ENE 5	Moderate
	Afternoon	51	E 5-10 G 15+	--
Tonight	Evening	8	E 5-10	--
	Overnight	9	E 5-10	Weak
Tomorrow	Morning	67	E 5-10	Moderate
	Afternoon	75	E 10-15 G 20+	--

Morning Surface Temperature Inversion Report:

	Surface Temperature Inversion?	Temperature (°C)	Depth (m)	Est. Break Time (EDT)	Characterization	Upper air Inversion Present?
Today	Yes	4.6	244	10:00 AM	Moderate	No