

December 19, 2025

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: AWC	Date: 12/19/2025	Time: 8:30 AM
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	Pittsburgh, PA	Liberty-Clairton Area, PA
Today	PM2.5 Good 28 AQI	PM2.5 Good 22 AQI
Tomorrow	PM2.5 Good 35 AQI	PM2.5 Good 30 AQI

Today’s Air Quality Forecast: A cold front will move through this morning bringing colder air, rain changing to snow, and gusty winds. It will also bring improved air quality to the area. Winds could gust over 35 MPH out of the west this afternoon. Temperatures will start out in the low 40s and drop into the 40s for the rest of the day. Good air quality will continue through the weekend.

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	Morning	87	W 10-15 G 20+	--
	Afternoon	111	W 15-20 G 35+	--
Tonight	Evening	48	W 15-20 G 30+	--
	Overnight	27	W 5-10	--
Tomorrow	Morning	30	W 5	--
	Afternoon	30	S 5-10 G 15	--

Morning Surface Temperature Inversion Report:

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