

# May 16, 2025

## Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: AWC	Date: 5/16/2025	Time: 8:30 AM
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	Pittsburgh, PA	Liberty-Clairton Area, PA
Today	Ozone Moderate 70 AQI	PM2.5 Good 48 AQI
Tomorrow	Ozone Good 48 AQI	PM2.5 Good 32 AQI

**Today's Air Quality Forecast:** Partly cloudy to start the day with a small chance of a shower or storm. Then, mostly sunny skies with a chance of showers or storms in the afternoon and evening. Some of the storms could be strong with gusty winds. Highs in the mid 80s. Ozone will move into the moderate range while PM2.5 levels should remain in the good zone.

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	Morning	54	WSW 10-15 G 20	--
	Afternoon	94	SW 10-15 G 20	--
Tonight	Evening	11	S 5-10	--
	Overnight	16	S 5-10	Slight
Tomorrow	Morning	117	SW 10-15 G 20+	Slight
	Afternoon	167	WSW 15-20 G 30+	--

### Morning Surface Temperature Inversion Report:

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