

December 12, 2025

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: AWC

Date: 12/12/2025

Time: 8:30 AM

	Pittsburgh, PA	Liberty-Clairton Area, PA
Today	PM2.5 Moderate 58 AQI	PM2.5 Moderate 58 AQI
Tomorrow	PM2.5 Moderate 54 AQI	PM2.5 Moderate 54 AQI

Today’s Air Quality Forecast: Partly cloudy today with calm winds and highs in the lower 30s. The calm winds will cause PM2.5 to average in the low moderate range. Calm winds continue tonight and that combined with a weak overnight temperature inversion will result in elevated PM2.5 levels again. Concentrations decrease Saturday afternoon as more snow moves in.

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	Morning	11	W 5	--
	Afternoon	13	WSW 5	--
Tonight	Evening	2	CALM	Weak
	Overnight	10	CALM	Weak
Tomorrow	Morning	53	SW 5-10	--
	Afternoon	56	W 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	--	--	--	--	No