

June 25, 2025

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: AWC	Date: 6/25/2025	Time: 8:30 AM
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	Pittsburgh, PA	Liberty-Clairton Area, PA
Today	Ozone Moderate 85 AQI	PM2.5 Moderate 66 AQI
Tomorrow	Ozone Moderate 75 AQI	PM2.5 Moderate 62 AQI

Today’s Air Quality Forecast: Hot and humid conditions will continue today with highs in the upper 80s and low 90s. Ozone and PM2.5 levels will remain in the moderate range. There will be chances of showers and storms this evening. The extreme heat warning is in effect until 5:00 p.m. this afternoon.

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	Morning	45	CALM	Weak
	Afternoon	73	W 5-10	--
Tonight	Evening	5	CALM	Slight
	Overnight	2	CALM	Weak
Tomorrow	Morning	28	CALM	Weak
	Afternoon	68	W 5-10	--

Morning Surface Temperature Inversion Report:

	Surface Temperature Inversion?	Temperature (°C)	Depth (m)	Est. Break Time (EDT)	Characterization	Upper air Inversion Present?
Today	Yes	1.8	313	9:00 a.m.	Weak	No