

June 28, 2024

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: AW

Date: 6/28/24

Time: 8:30 AM

	Pittsburgh, PA	Liberty-Clairton Area, PA
Today	Ozone Moderate 64 AQI	PM2.5 Moderate 58 AQI
Tomorrow	PM2.5 Good 48 AQI	PM2.5 Good 46 AQI

Today's Air Quality Forecast:

Sunshine for the most part Friday, with some clouds showing up towards evening. Afternoon temperatures will reach the middle 80s with lower moderate ozone during the afternoon. PM2.5 will also go low moderate, with the highest concentrations coming during the morning.

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	Morning	39	E/SE 5-10	--
	Afternoon	112	S 5-10	--
Tonight	Evening	11	S 5-10	Weak
	Overnight	11	S 5-10	Moderate
Tomorrow	Morning	38	S 10 Gusts 20	--
	Afternoon	49	SW 10-15 Gusts 20	--

Morning Surface Temperature Inversion Report:

	Surface Temperature Inversion?	Temperature (°C)	Depth (m)	Est. Break Time	Characterization	Upper air Inversion Present?
Today	No	--	--	--	None	Yes