

July 24, 2024

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: AW

Date: 7/24/24

Time: 8:30 AM

	Pittsburgh, PA	Liberty-Clairton Area, PA
Today	Ozone Moderate 60 AQI	PM2.5 Moderate 60 AQI
Tomorrow	PM2.5 Moderate 56 AQI	PM2.5 Moderate 52 AQI

Today's Air Quality Forecast:

Times of clouds and sunshine Wednesday. A morning inversion will again cause PM2.5 to average in the middle moderate range, with ozone also reaching moderate during the afternoon. A shower or thunderstorm may also pop in parts of the area late in the day.

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	Morning	40	SW 5-10	--
	Afternoon	74	SW/W 5-10	--
Tonight	Evening	8	SW/W <5	Weak
	Overnight	3	SW <5	Weak
Tomorrow	Morning	25	W <5	--
	Afternoon	71	NW 5-10	--

Morning Surface Temperature Inversion Report:

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