

July 26, 2024

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: AW

Date: 7/26/24

Time: 8:30 AM

	Pittsburgh, PA	Liberty-Clairton Area, PA
Today	PM2.5 Moderate 54 AQI	PM2.5 Moderate 52 AQI
Tomorrow	Ozone Moderate 80 AQI	PM2.5 Moderate 59 AQI

Today's Air Quality Forecast:

There may be a small decrease in PM2.5 Friday as surface smoke sinks more to the south, but low moderate levels of this pollutant will still be measured in parts of the area. Ozone concentrations will be in the high end of the good range. High temperatures will rise into the lower 80s under a partly to mostly sunny sky.

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	Morning	45	NE <5	Moderate
	Afternoon	46	NE 5-10	--
Tonight	Evening	3	NE <5	Weak
	Overnight	4	NE <5	Strong
Tomorrow	Morning	31	SE/E <5	Moderate
	Afternoon	53	E <5	--

Morning Surface Temperature Inversion Report:

	Surface Temperature Inversion?	Temperature (°C)	Depth (m)	Est. Break Time	Characterization	Upper air Inversion Present?
Today	Yes	3.6	113	9:00AM	Moderate	No