

October 1, 2024

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: AW

Date: 10/1/24

Time: 8:30 AM

	Pittsburgh, PA	Liberty-Clairton Area, PA
Today	PM2.5 Good 40 AQI	PM2.5 Good 30 AQI
Tomorrow	PM2.5 Good 48 AQI	PM2.5 Good 40 AQI

Today's Air Quality Forecast:

Rain early Tuesday will diminish to showers by afternoon as low pressure weakens and moves off to the southeast. An easterly flow will lighten and allow PM2.5 to increase some. However, average concentrations will remain in the good range.

	Atmospheric Dispersion Index	Wind (dir mph)	Surface Inversion Forecast	
Today	Morning	12	E 5-10	--
	Afternoon	13	SE/E 5-10	--
Tonight	Evening	4	E/SE <5	--
	Overnight	7	S/NW <5	--
Tomorrow	Morning	22	NW/N 5-10	--
	Afternoon	41	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	No