

September 26, 2024

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: AW

Date: 9/26/24

Time: 8:30 AM

	Pittsburgh, PA	Liberty-Clairton Area, PA
Today	PM2.5 Good 45 AQI	PM2.5 Good 40 AQI
Tomorrow	PM2.5 Good 37 AQI	PM2.5 Good 30 AQI

Today's Air Quality Forecast:

Mostly cloudy but remaining mild Thursday with only isolated showers. Afternoon temperatures will climb to the middle and upper 70s. With less low level mixing, PM2.5 concentrations will rise, but remain in the high good range.

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	Morning	6	E/SE <5	Slight
	Afternoon	17	SE <5	--
Tonight	Evening	4	NE <5	Slight
	Overnight	6	NE <5	Weak
Tomorrow	Morning	35	E 10-15 Gusts 21	--
	Afternoon	42	E 15-20 Gusts 25-30	--

Morning Surface Temperature Inversion Report:

	Surface Temperature Inversion?	Temperature (°C)	Depth (m)	Est. Break Time	Characterization	Upper air Inversion Present?
Today	Yes	0.6	162	10:00AM	Slight	No