

July 19, 2024

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: AW

Date: 7/19/24

Time: 8:30 AM

	Pittsburgh, PA	Liberty-Clairton Area, PA
Today	Ozone Moderate 65 AQI	PM2.5 Moderate 57 AQI
Tomorrow	Ozone Moderate 72 AQI	PM2.5 Moderate 60 AQI

Today's Air Quality Forecast:

High pressure remains in control of the weather for Friday. Temperatures will reach the low to mid-80s under mostly sunny skies. Winds will be light, limiting the amount of mixing that will occur throughout the day. As a result, PM-2.5 concentrations will mostly be in the higher end of the good range with some low moderate readings possible on average for the day. With ample sunshine, ozone concentrations may reach the low moderate range during the afternoon

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	Morning	23	NE <5	Weak
	Afternoon	38	W <5	--
Tonight	Evening	3	NE <5	Weak
	Overnight	3	N/NE <5	Moderate
Tomorrow	Morning	19	W <5	Weak
	Afternoon	59	W <5	--

Morning Surface Temperature Inversion Report:

	Surface Temperature Inversion?	Temperature (°C)	Depth (m)	Est. Break Time	Characterization	Upper air Inversion Present?
Today	Yes	2.4	176	8:00 AM	Weak	No