

April 22, 2024

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: KLC

Date: 4/22/24

Time: 8:30 AM

	Pittsburgh, PA	Liberty-Clairton Area, PA
Today	Ozone Good 50 AQI	PM2.5 Good 48 AQI
Tomorrow	PM2.5 Good 47 AQI	PM2.5 Good 50 AQI

Today's Air Quality Forecast:

Monday will feature more sun and lighter winds as high pressure moves overhead. Ozone concentrations may max out in the high end of the good range during the afternoon, and PM2.5 levels will remain in the good range.

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	<i>Morning</i>	63	W 5-10	Moderate
	<i>Afternoon</i>	82	W-NW 10	--
Tonight	<i>Evening</i>	5	W 5-10	--
	<i>Overnight</i>	8	S-SW 5-10	Weak
Tomorrow	<i>Morning</i>	99	S 5-10	Weak
	<i>Afternoon</i>	112	S-SW 10-15	--

Morning Surface Temperature Inversion Report:

	Surface Temperature Inversion?	Temperature (°C)	Depth (m)	Est. Break Time	Characterization	Upper air Inversion Present?
Today	Yes	3.2	186	11:00 AM	Moderate	No