

July 15, 2024

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: AW

Date: 7/15/24

Time: 8:30 AM

	Pittsburgh, PA	Liberty-Clairton Area, PA
Today	Ozone Moderate 75 AQI	PM2.5 Moderate 70 AQI
Tomorrow	Ozone Moderate 70 AQI	PM2.5 Moderate 65 AQI

Today's Air Quality Forecast:

Partly sunny Monday with another hot afternoon, but with a greater chance for thunderstorms during the afternoon and evening. Ozone and PM2.5 will remain moderate, with perhaps lower ozone maximums.

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	Morning	63	S/SW 10-15 Gusts 20	--
	Afternoon	110	SW/W 15 Gusts 25	--
Tonight	Evening	25	W/SW 5-10	Weak
	Overnight	7	S <5	Moderate
Tomorrow	Morning	71	SW 5-10	--
	Afternoon	86	SW 10-15	--

Morning Surface Temperature Inversion Report:

	Surface Temperature Inversion?	Temperature (°C)	Depth (m)	Est. Break Time	Characterization	Upper air Inversion Present?
Today	No	-	-	-	None	Yes