

June 20, 2024

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: KLC

Date: 6/20/24

Time: 8:30 AM

	Pittsburgh, PA	Liberty-Clairton Area, PA
Today	Ozone Unhealthy for Sensitive Groups 105 AQI	PM2.5 Moderate 65 AQI
Tomorrow	Ozone Moderate 100 AQI	PM2.5 Moderate 70 AQI

Today's Air Quality Forecast:

An Air Quality Action Day is in effect for Thursday due to ozone levels reaching the code ORANGE range during the afternoon. The high ozone values in combination with the heat will necessitate sensitive persons to restrict prolonged outdoor activity in the afternoon with heat indices of 100-104.

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	<i>Morning</i>	19	S-SW <5	NA
	<i>Afternoon</i>	29	S-SE <5	--
Tonight	<i>Evening</i>	2	S <5	--
	<i>Overnight</i>	2	E-N <5	Weak
Tomorrow	<i>Morning</i>	36	S-W <5	Moderate
	<i>Afternoon</i>	44	W-NW <5-5	--

Morning Surface Temperature Inversion Report:

	Surface Temperature Inversion?	Temperature (°C)	Depth (m)	Est. Break Time	Characterization	Upper air Inversion Present?
Today	NA	NA	NA	NA	NA	NA