

October 9, 2026

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: AWC	Date: 10/9/2026	Time: 8:30 AM
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	Pittsburgh, PA	Mon Valley Area, PA
Today	PM2.5 Good 43 AQI	PM2.5 Good 43 AQI
Tomorrow	PM2.5 Moderate 65 AQI	PM2.5 Moderate 70 AQI

Today’s Air Quality Forecast: Today will start with a surface temperature inversion. This could cause moderate PM2.5 concentrations for a time, but air quality will average in the good range for the entire day. High temperatures will be near 70 with sunny skies. Another inversion will occur Saturday morning, but this one will take longer to dissipate. This will result in moderate PM2.5 concentrations. Good air quality will come back on Sunday as rain enters the area.

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	Morning	22	CALM	Strong
	Afternoon	62	W 5-10	--
Tonight	Evening	3	E 5	Weak
	Overnight	3	E 5	Moderate
Tomorrow	Morning	20	E 5-10	Strong
	Afternoon	42	E 5-10 G 20	--

Morning Surface Temperature Inversion Report:

	Surface Temperature Inversion?	Temperature (°C)	Depth (m)	Est. Break Time (EST)	Characterization	Upper air Inversion Present?
Today	Yes	5.8	157	9:30 a.m.	Strong	No