

October 6, 2026

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: AWC

Date: 10/6/2026

Time: 8:30 AM

	Pittsburgh, PA	Mon Valley Area, PA
Today	PM2.5 Good 44 AQI	PM2.5 Good 46 AQI
Tomorrow	PM2.5 Moderate 54 AQI	PM2.5 Moderate 57 AQI

Today’s Air Quality Forecast: PM2.5 concentrations could briefly go into the moderate range this morning due to a surface temperature inversion but will improve this afternoon. Today will be sunny with highs in the low to mid 60s. Wednesday will start off with a strong surface temperature inversion which will elevated PM2.5. This combined with southerly flow and warmer temperatures will result in PM2.5 concentrations going moderate tomorrow.

	Atmospheric Dispersion Index		Wind (dir mph)	Surface Inversion Forecast
Today	Morning	16	CALM	Strong
	Afternoon	20	SE 5	--
Tonight	Evening	3	CALM	Weak
	Overnight	3	CALM	Moderate
Tomorrow	Morning	27	CALM	Strong
	Afternoon	56	SW 10-15 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	5.0	102	9:30 a.m.	Strong	Yes