

# July 24, 2026

## Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: AWC

Date: 7/24/2026

Time: 8:30 AM

|          | Pittsburgh, PA              | Mon Valley Area, PA         |
|----------|-----------------------------|-----------------------------|
| Today    | Ozone<br>Good<br>50 AQI     | PM2.5<br>Good<br>48 AQI     |
| Tomorrow | Ozone<br>Moderate<br>67 AQI | PM2.5<br>Moderate<br>59 AQI |

**Today’s Air Quality Forecast:** Partly cloudy skies today and warmer with highs in the low 80s. Ozone and PM2.5 concentrations will increase today, but they should stay in the upper good range. Winds will be calmer on Saturday which will causes ozone and PM2.5 concentrations to increase into the moderate range. Rain chances return on Sunday which will bring air quality back into the upper good to lower moderate range.

|          | Atmospheric Dispersion Index |    | Wind (dir mph)   | Surface Inversion Forecast |
|----------|------------------------------|----|------------------|----------------------------|
| Today    | Morning                      | 26 | CALM             | Moderate                   |
|          | Afternoon                    | 58 | ESE 5-10<br>G 15 | --                         |
| Tonight  | Evening                      | 6  | SE 5             | --                         |
|          | Overnight                    | 5  | CALM             | --                         |
| Tomorrow | Morning                      | 19 | CALM             | --                         |
|          | Afternoon                    | 35 | S 5-10           | --                         |

### Morning Surface Temperature Inversion Report:

|       | Surface Temperature Inversion? | Temperature (°C) | Depth (m) | Est. Break Time (EST) | Characterization | Upper air Inversion Present? |
|-------|--------------------------------|------------------|-----------|-----------------------|------------------|------------------------------|
| Today | Yes                            | 4.0              | 159       | 9:00 a.m.             | Moderate         | No                           |