

June 5, 2026

Air Quality Forecast and Dispersion Outlook for Allegheny County, PA

Prepared by: AWC

Date: 6/5/2026

Time: 8:30 AM

| | Pittsburgh, PA | Mon Valley Area, PA |
|----------|-----------------------------|-----------------------------|
| Today | Ozone Moderate 93 AQI | PM2.5 Moderate 65 AQI |
| Tomorrow | Ozone Moderate 58 AQI | PM2.5 Moderate 58 AQI |

Today's Air Quality Forecast: It will be another hot and sunny day with highs in the mid to upper 80s. The sun combined with warm air will cause ozone concentrations to go into the upper moderate range once again today in Pittsburgh. PM2.5 concentrations will also average in the moderate range today. A cold front will bring shower and storm chances on Saturday which will improve air quality into the lower moderate range.

| | Atmospheric Dispersion Index | | Wind (dir mph) | Surface Inversion Forecast |
|----------|------------------------------|-----|-------------------|----------------------------|
| Today | Morning | 75 | CALM | Strong |
| | Afternoon | 113 | SW 5-10 G 15+ | -- |
| Tonight | Evening | 15 | SW 5-10 | Weak |
| | Overnight | 11 | SW 5 | Moderate |
| Tomorrow | Morning | 53 | SW 5-10 | Weak |
| | Afternoon | 72 | 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 | 5.6 | 173 | 9:00 a.m. | Strong | Yes |