

The Pittsburgh Area Air Quality Forecast:

Tuesday, June 7: **ORANGE**

Yesterday's Regional Maximum Air Quality Pollutant Concentration:

Friday, June 4: **GREEN** (40 AQI or 12.3 $\mu\text{g}/\text{m}^3$) - for PM 2.5

Saturday, June 5: **GREEN** (39 AQI or 12.1 $\mu\text{g}/\text{m}^3$) - for PM 2.5

Sunday, June 6: **YELLOW** (61 AQI or 20.8 $\mu\text{g}/\text{m}^3$) - for PM 2.5

Short-Term Discussion: Tuesday will be an Ozone Action Day. A broad high-pressure system over Bermuda is beginning to build into the Mid-Atlantic region from the south. This will bring mostly sunny skies and much warmer and humid temperatures to the region. Temperatures today should move into the lower 80s with light winds. Tonight will be clear and calm with lows in the lower 60s. Tomorrow the warming trend will continue with highs reaching the mid to upper 80s with southwest winds around 5 mph. Ozone levels will likely move from the high end of the moderate range into the Code **ORANGE** range. PM 2.5 will also be in the high moderate range and may move up into the Code **ORANGE** range.

Extended: On Wednesday, the ridge in the Atlantic begins to pull back somewhat, but temperatures will continue to be hot and humid with highs in the upper 80s. There is the slight possibility for showers and thunderstorms developing in the late afternoon and early evening hours. A cold front will move through Thursday afternoon, which could trigger some showers and thunderstorms. Once the front moves through, another ridge will build in from the north bringing slightly cooler temperatures for Friday and Saturday. Depending on cloud cover and precipitation ozone and PM 2.5 should be in the moderate range (Code **YELLOW**) but could reach Code **ORANGE** if the area gets enough sunlight and the rain holds off. Once the front moves through on Thursday, air quality values should return to moderate for the end of the workweek into the beginning of the weekend. (Code **YELLOW**).