

The Pittsburgh Area Air Quality Forecast:

Wednesday, June 23: **GREEN**

Yesterday's Regional Maximum Air Quality Pollutant Concentration:

Monday, June 21: **YELLOW** (54 AQI or 16.8 $\mu\text{g}/\text{m}^3$) – for PM 2.5

Short-Term Discussion: Currently, a line of showers is advancing across southeastern portions of the region as a cold front propagates further eastward. This cold front should push through the region later today, with showers likely out ahead of it. Expect the Pittsburgh area to begin to clear out on Wednesday with the winds veering out of the northwest. Overall, it should be a pretty pleasant day with lower dewpoint temperatures and afternoon highs in the mid to upper 70s. With a cleaner and less humid air mass moving in, the air quality should drop slightly from current values into the Code **GREEN** range. Currently, moderate air quality can be experienced out ahead of the front with values dropping behind the front into Iowa and Wisconsin.

Extended: The active weather pattern will continue through the rest of the week into the weekend as an upper level low in southcentral Canada progresses eastward. This low has a series of systems in the form of cold fronts rotating around it. The next cold front will begin to push into the region on Friday. In the meantime, expect a couple of decent days as a ridge builds in temporarily. With a more west, southwesterly flow, the air quality should once again climb into the moderate range on Thursday into Friday before the front moves through. As the front approaches, expect the chance of rain showers late on Friday into Saturday to increase. After the front moves through, temperatures will drop to more spring-like values with high pressure taking control. The air quality should once again drop down into the good range for the end of the weekend. With a generalized trough over the east for the next several days in through next week, we don't expect to see a pattern that is conducive to high ozone or PM 2.5 development.