

The Lehigh Valley Detailed Discussion:

Friday's peak 8-hour ozone concentration was Code Green (27aqi/34ppb) at Freemansburg

Saturday's peak 8-hour ozone concentration was Code Green (27aqi/34ppb) at Freemansburg

Yesterday's peak 8-hour ozone concentration was Code Green (34aqi/44ppb) at Freemansburg

The MAQSIP-RT is showing Code Yellow concentrations.

Southwesterly flow on Tuesday will bring warmer air into the region, which, along with partly cloudy skies, should support sufficient ozone formation for values to reach moderate levels. The modeled trajectory is out of the southwest and the Ohio valley. This pattern has the potential to bring somewhat elevated background concentrations into the region, and upwind monitors are showing values around 60 ppb.

The main uncertainty for tomorrow is the extent and location of showers and their associated clouds. Unless we see widespread cloud cover and rain, ozone should reach Code Yellow.