

Air Quality Summary

Youngstown - Warren: April 2007

The average temperature in April 2007 was below normal, with a mean temperature of 45.3°F (2.1°F below normal). Youngstown received 3.28 inches of precipitation, which was 98% of the monthly norm.

The Air Quality Index (AQI) level was Good on 27 days this month. On April 23, the AQI level reached its highest value, 72 for particles, at both monitoring sites. The generally Good air quality this month can be attributed to the passage of several storm systems through the Mahoning Valley, which kept the atmosphere well mixed. In addition, high pressure never dominated the weather pattern for more than two consecutive days, preventing the development of stagnant conditions.

Americans are urged to "Be Air Aware" during Air Quality Awareness Week, April 30-May 4, 2007. The U.S. Environmental Protection Agency (EPA) calculates AQI values for five major air pollutants: ground-level ozone, particle pollution, carbon monoxide, sulfur dioxide, and nitrogen dioxide. Ozone and particle pollution are two common pollutants found in many parts of the country, including the Mahoning Valley.

Forecasts for the Youngstown-Warren region are available 365 days a year at <http://www.MahoningValleyAir.org/> as well as through the AirAlert e-mail notification system. Residents interested in receiving daily forecasts can sign up at <http://www.mahoningvalleyair.org/notification.cfm>.

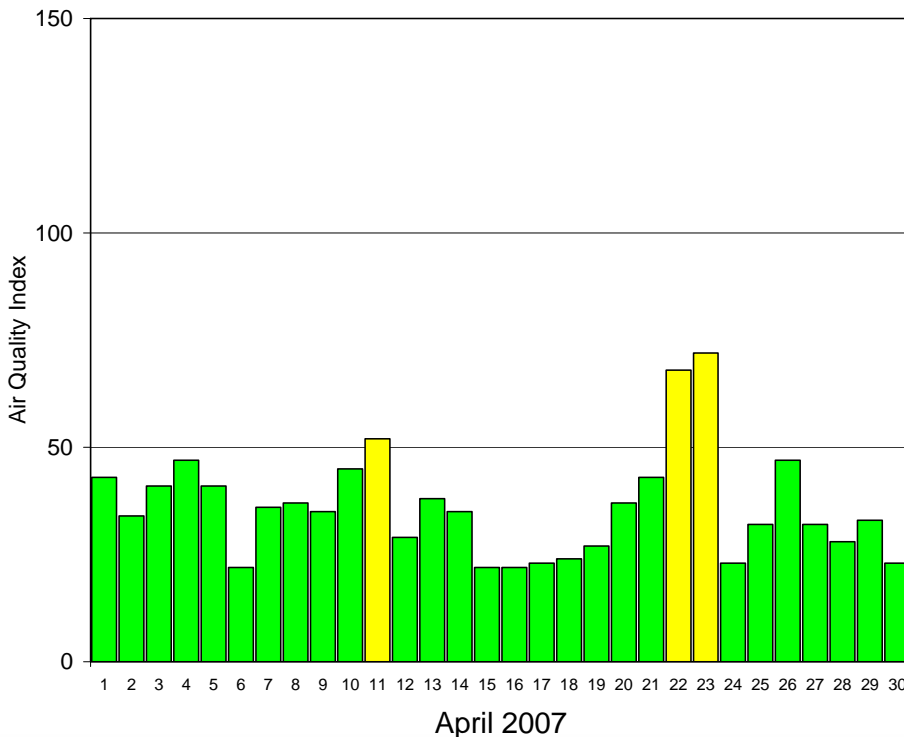


0 - 50	Good
51 - 100	Moderate
101 - 150	Unhealthy for Sensitive Groups
151 - 200	Unhealthy
201 - 280	Very Unhealthy

Highest AQI Days This Month

Date	AQI	Pollutant	Monitoring Site
4/23/2007	72	PM _{2.5}	Warren-Draper Street and Youngstown-Head Start
4/22/2007	68	PM _{2.5}	Warren-Draper Street
4/11/2007	52	PM _{2.5}	Youngstown-Head Start
4/4/2007	47	PM _{2.5}	Warren-Draper Street
4/26/2007	47	PM _{2.5}	Youngstown-Head Start

Daily Maximum AQI in April 2007



Percentage of Days in Each AQI Category

