

Air Quality Summary

Youngstown - Warren: August 2007

The average temperature in August 2007 was above normal, with a mean temperature of 71.4°F (3.0 degrees above normal). Youngstown received 5.56 inches of precipitation, 162% of the monthly norm.

The maximum AQI reached Unhealthy for Sensitive Groups (USG) on 3 days in August, which was more days than during this month in the previous two years. The two USG episodes occurred ahead of cold fronts. Light southerly winds not only limited pollutant dispersion but also brought warm, moist air and pollutants into Mahoning Valley. The subsequent high humidity enhanced particle formation.

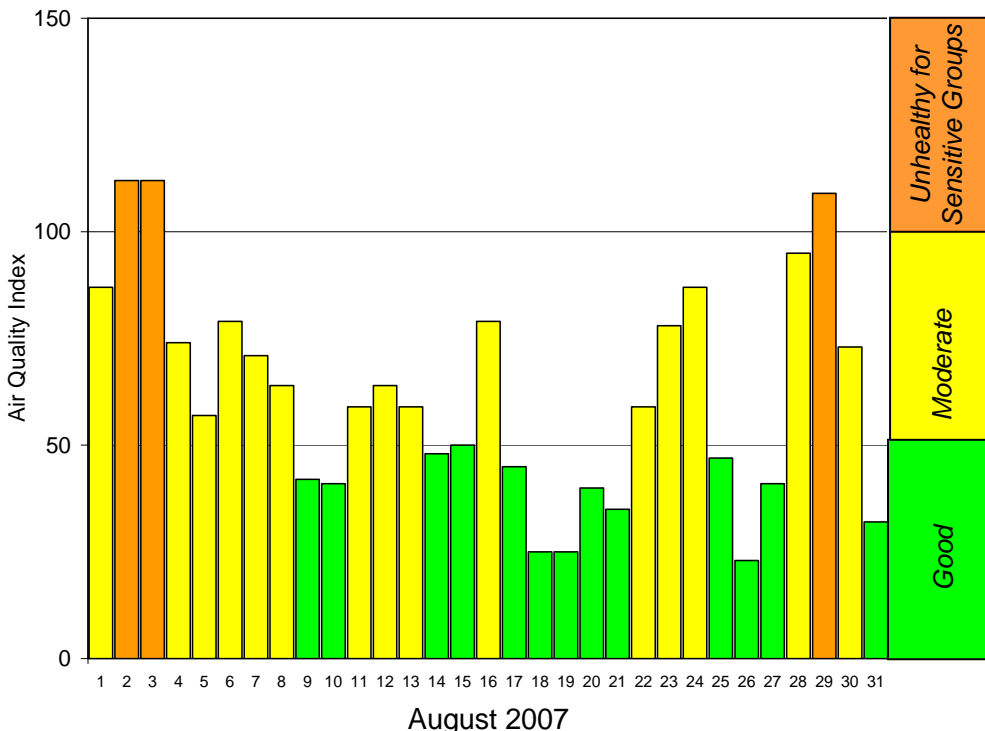
Highest AQI Days This Month



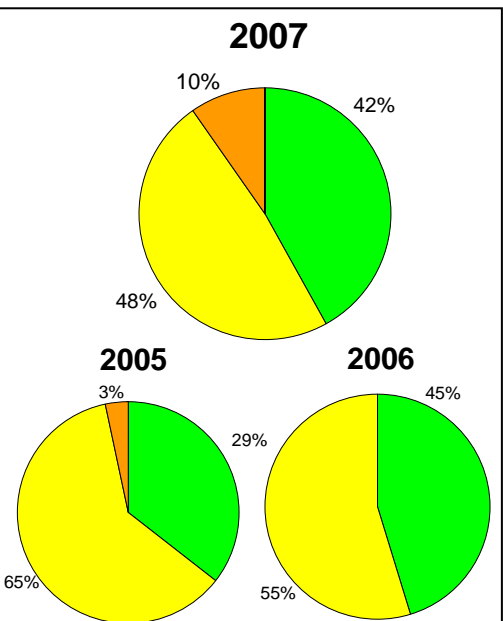
0 - 50	Good
51 - 100	Moderate
101 - 150	Unhealthy for Sensitive Groups
151 - 200	Unhealthy
201 - 300	Very Unhealthy

Date	AQI	Pollutant	Monitoring Site
8/2/07	112	PM _{2.5}	Youngstown-Headstart
8/3/07	112	PM _{2.5}	Warren-Draper St.
8/29/07	109	PM _{2.5}	Warren-Draper St.
8/3/07	101	Ozone	Trumbull County

Daily Maximum AQI for August 2007



Percentages of Days for August



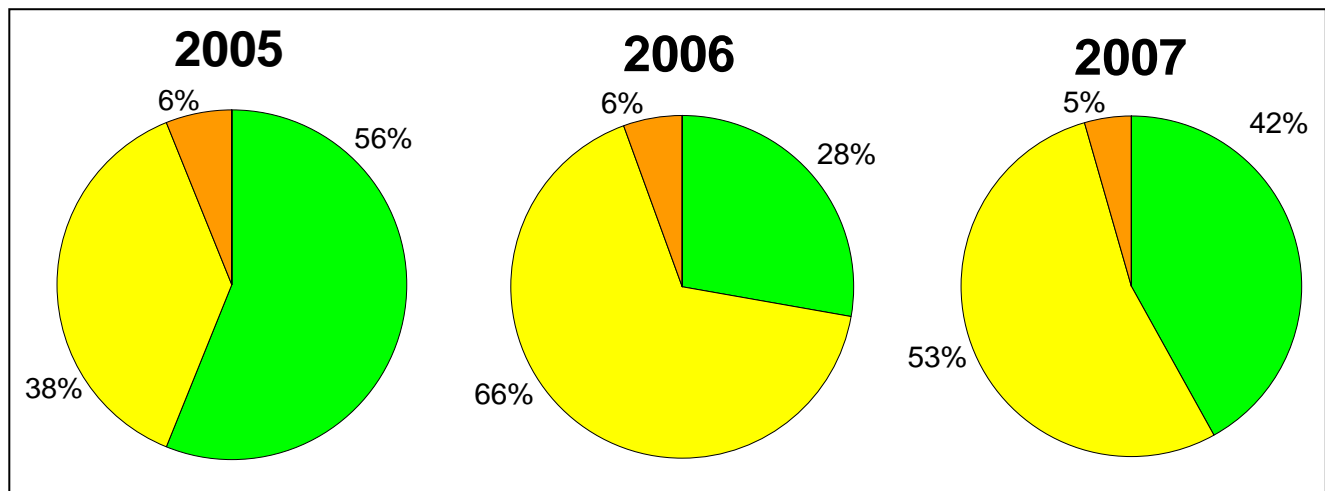
Air Quality Summary

Youngstown – Warren: May 1 through August 31, 2007

Air Quality Advisory Days

Date	Forecasted		Observed	
	AQI	Pollutant	AQI	Pollutant
5/24/2007	108	PM2.5	108	PM2.5
5/24/2007	101	Ozone	100	Ozone
5/25/2007	104	PM2.5	89	PM2.5
5/30/2007	106	Ozone	122	Ozone
5/31/2007	109	Ozone	100	Ozone
6/1/2007	95	Ozone	106	Ozone
6/26/2007	114	Ozone	69	Ozone
8/2/2007	49	PM2.5	112	PM2.5
8/3/2007	101	Ozone	101	Ozone
8/3/2007	108	PM2.5	112	PM2.5
8/4/2007	104	PM2.5	61	PM2.5
8/29/2007	52	PM2.5	109	PM2.5

Percentages of days for May 1 – August 31



Daily Maximum AQI for May 1 – August 31

