

Air Quality Summary

Youngstown–Warren: July 2009

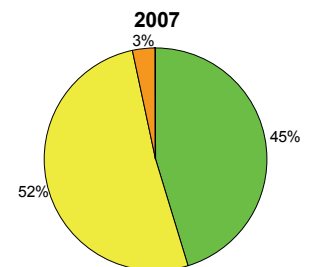
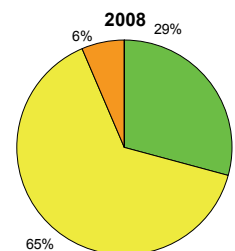
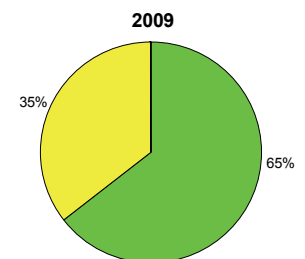
The average temperature in July 2009 was 2.5°F below normal. The mean temperature was 67.4°F, compared with 71.5°F in July 2008. Youngstown received 3.52 inches of precipitation, which is 86% of normal, compared with 6.67 inches in July 2008.

There were no days that reached Unhealthy for Sensitive Groups (USG) AQI levels in July 2009, compared with two days in July 2008. The highest AQI level was reached on July 5. On that day, very light southeasterly winds ahead of an approaching low-pressure system limited pollutant dispersion, allowing particles to build up near the surface. As a result, AQI levels reached 85 AQI for PM_{2.5}.

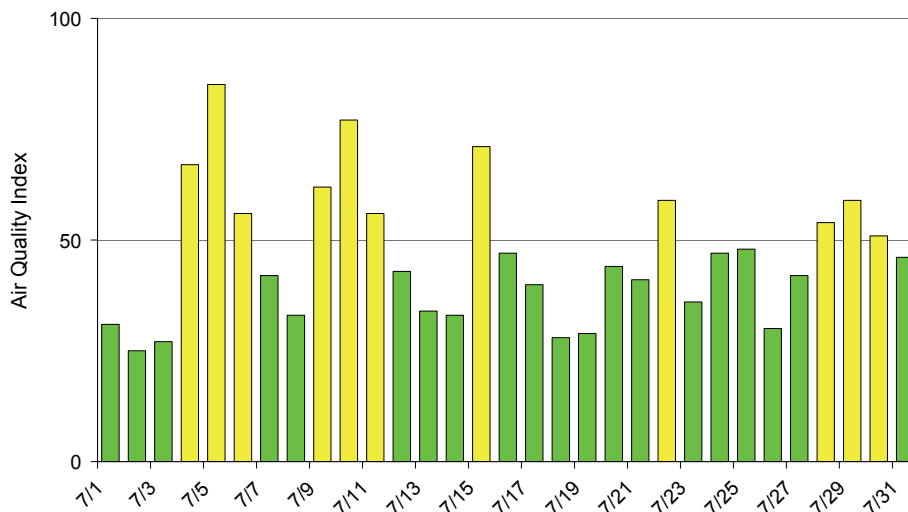
Highest AQI Days This Month

DATE	AQI	POLLUTANT	MONITORING SITE
7/15/09	71	Ozone	Kinsman
7/10/09	77	PM _{2.5}	Youngstown—Head Start
7/5/09	85	PM _{2.5}	Youngstown—Head Start
7/4/09	67	PM _{2.5}	Youngstown—Head Start

Percentage of Days for July



Daily Maximum AQI for July 2009



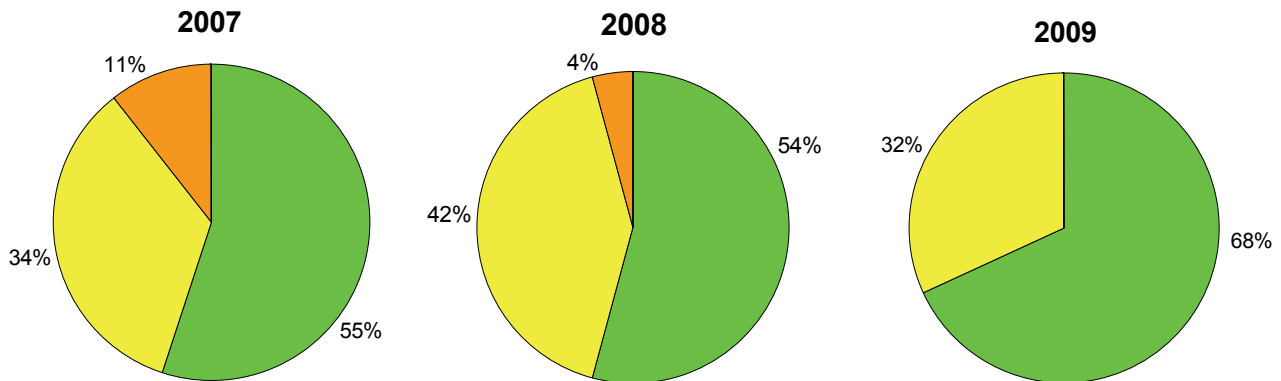
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Seasonal Summary: April 1 – July 31

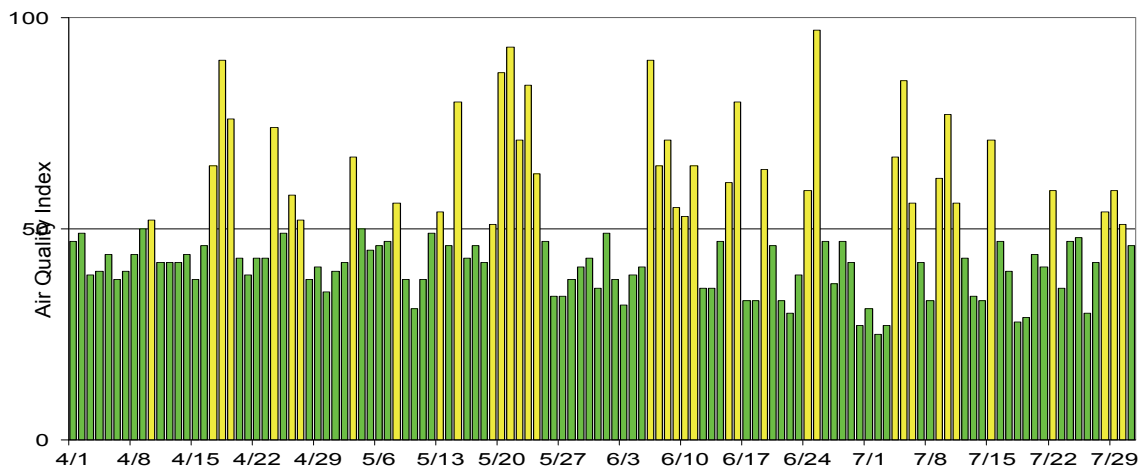
Air Quality Advisory Days

Date	Pollutant	Next-Day Forecast (AQI)	Same-Day Forecast (AQI)	Observed AQI
5/20/09	Ozone	101	101	87
5/22/09	Ozone	111	101	71

Percentage of Days at Each AQI Level



2009 Daily Maximum AQI



Good
0 - 50

Moderate
51 - 100

Unhealthy for
Sensitive Groups
101 - 150

Unhealthy
151 - 200

Very Unhealthy
201 - 300