

Air Quality Summary

Youngstown-Warren: September 2011

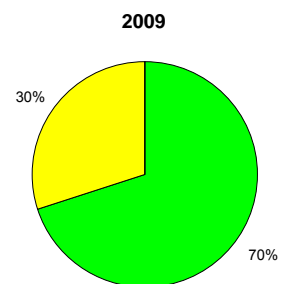
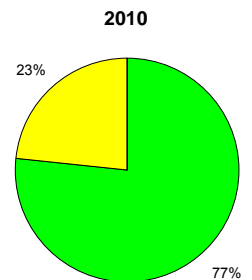
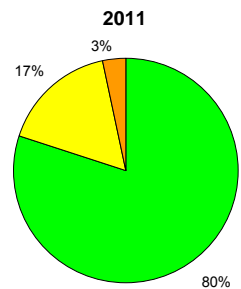
The average temperature in Youngstown for September 2011 was 63.7°F, which was 1.8°F above normal. This compares to an average temperature of 63.2°F in September 2010. Youngstown received 7.08 inches of rainfall this month, which was 3.33 inches above normal.

Air Quality Index (AQI) levels were reported in the Unhealthy for Sensitive Groups (USG) category on one day in September 2011, compared to zero days in both September 2010 and September 2009. The highest AQI levels in September 2011 were observed on September 2. On this day, the combination of surface high pressure over Ohio and a cold front approaching from the west produced light southerly winds in Youngstown, transporting pollutants into the region. In addition, partly to mostly sunny skies with temperatures in the upper 80s enhanced ozone formation. As a result, an AQI of 102 was reported for PM_{2.5} and an AQI value of 101 was reported for ozone.

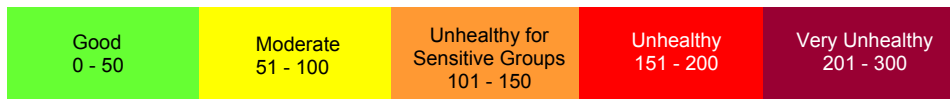
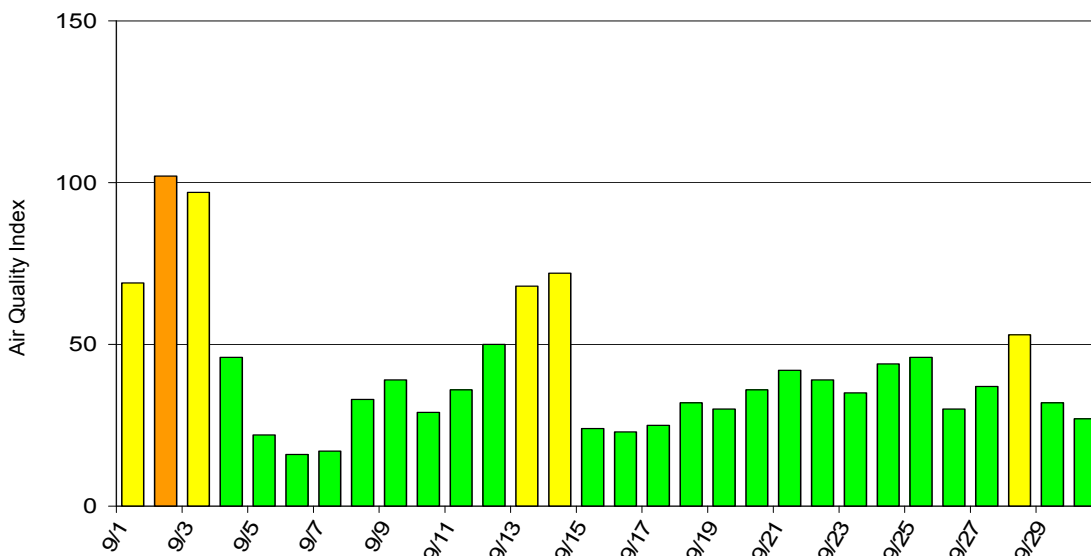
Highest AQI Days This Month

DATE	AQI	POLLUTANT	MONITORING SITE
09/02/11	102	PM _{2.5}	Warren - Laird Ave.
	101	Ozone	Trumbull County San. & Eng.
09/03/11	97	Ozone	Trumbull County San. & Eng.
09/14/11	72	PM _{2.5}	Youngstown - Head Start

Maximum Daily AQI for the Month by Category



Daily Maximum AQI for September 2011



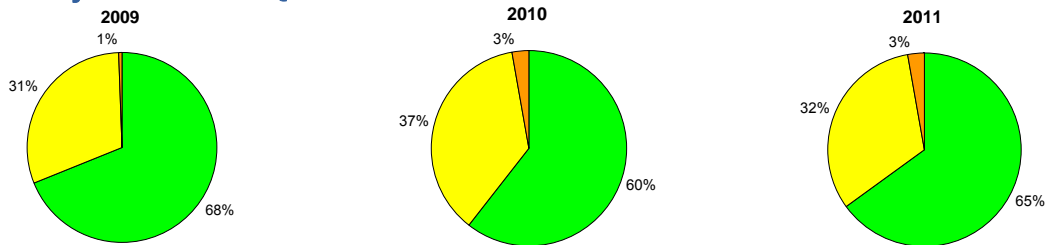
Air Quality Summary

Youngstown–Warren: April 1 - September 30

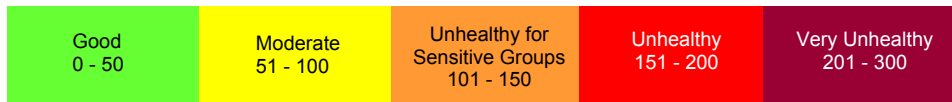
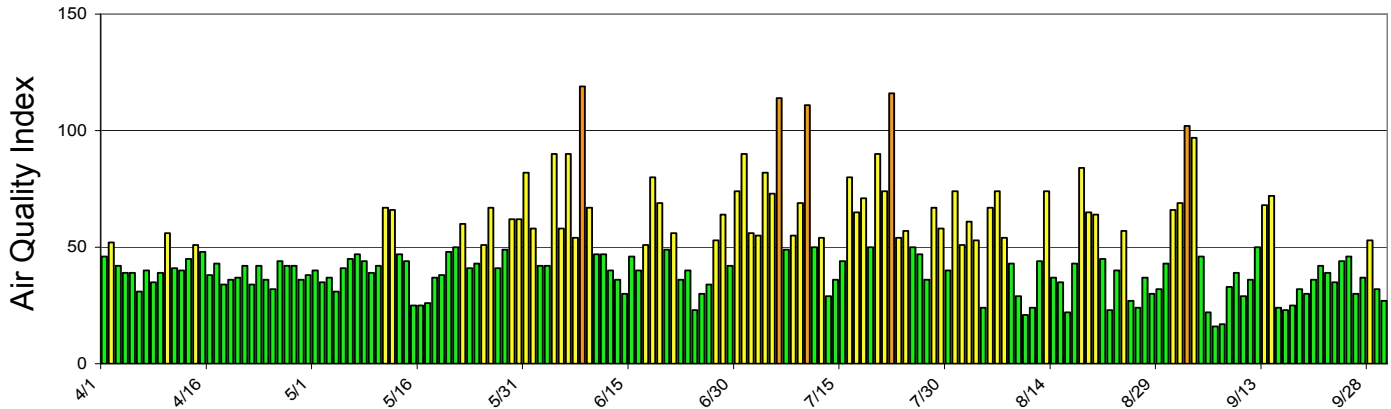
Air Quality Advisory Days

DATE	POLLUTANT	NEXT-DAY FORECAST (AQI)	SAME-DAY FORECAST (AQI)	OBSERVED AQI
05/31/11	Ozone	104	104	82
06/08/11	Ozone	84	111	119
07/01/11	Ozone	104	104	90
07/11/11	Ozone	106	106	48
07/17/11	Ozone	101	101	47
07/20/11	Ozone	67	109	90
07/21/11	Ozone	104	104	74
07/22/11	Ozone	93	104	116
08/20/11	Ozone	104	104	61
09/02/11	Ozone	104	104	101
09/03/11	Ozone	104	111	97

Percentage of Days at Each AQI Level



2011 Daily Maximum AQI



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