

Eight-Hour Ozone Monitoring Data for 2009-2011 (in ppm)*

	<u>2009</u>				<u>2010</u>				<u>2011*</u>				<u>3-Year Average 4th High*</u>
	Max	2nd High	3rd High	4th High	Max	2nd High	3rd High	4th High	Max	2nd High	3rd High	4th High	
Apache Junction	0.076	0.071	0.070	0.069	0.078	0.077	0.075	0.073	0.079	0.075	0.075	0.072	0.071
Blue Point Bridge	0.073	0.073	0.069	0.069	0.076	0.072	0.068	0.068	0.092	0.084	0.082	0.081	0.072
Buckeye	0.069	0.065	0.063	0.062	0.066	0.066	0.065	0.064	0.072	0.072	0.070	0.067	0.064
Cave Creek	0.073	0.071	0.070	0.070	0.078	0.074	0.074	0.074	0.088	0.083	0.082	0.081	0.075
Central Phoenix	0.074	0.071	0.070	0.069	0.078	0.077	0.075	0.072	0.081	0.076	0.074	0.073	0.071
Dysart	0.077	0.069	0.069	0.069	0.082	0.075	0.073	0.071	0.075	0.074	0.073	0.070	0.070
Falcon Field	0.069	0.068	0.066	0.065	0.074	0.073	0.072	0.070	0.074	0.073	0.072	0.070	0.068
Fountain Hills	0.075	0.071	0.070	0.069	0.081	0.078	0.078	0.074	0.089	0.083	0.081	0.077	0.073
Glendale	0.076	0.072	0.068	0.068	0.083	0.077	0.077	0.074	0.083	0.082	0.080	0.076	0.072
Humboldt Mountain	0.076	0.074	0.071	0.067	0.074	0.071	0.070	0.070	0.088	0.085	0.081	0.077	0.071
North Phoenix	0.076	0.075	0.074	0.072	0.085	0.084	0.081	0.079	0.090	0.083	0.082	0.082	0.077
Phoenix Supersite	0.077	0.077	0.074	0.073	0.081	0.080	0.077	0.076	0.084	0.084	0.081	0.078	0.075
Pinnacle Peak	0.079	0.073	0.071	0.070	0.080	0.079	0.079	0.077	0.088	0.082	0.080	0.077	0.074
Rio Verde	0.071	0.069	0.069	0.068	0.078	0.073	0.072	0.071	0.088	0.084	0.082	0.081	0.073
South Phoenix	0.075	0.070	0.069	0.067	0.076	0.075	0.075	0.074	0.081	0.078	0.077	0.076	0.072
South Scottsdale	0.074	0.072	0.072	0.072	0.084	0.078	0.078	0.076	0.083	0.078	0.077	0.075	0.074
Tempe	0.070	0.068	0.067	0.067	0.075	0.072	0.068	0.068	0.076	0.070	0.070	0.068	0.067
Tonto National Mon.+	0.081	0.073	0.073	0.072	0.081	0.072	0.072	0.070	0.083	0.077	0.076	0.076	0.072
West Chandler	0.072	0.071	0.070	0.070	0.083	0.076	0.075	0.074	0.079	0.077	0.077	0.074	0.072
West Phoenix	0.082	0.075	0.070	0.068	0.082	0.078	0.075	0.075	0.086	0.080	0.079	0.078	0.073

* Based on preliminary data available through September 20, 2011.

+ The Tonto National Monument Monitor is located outside the current Eight-Hour Ozone Nonattainment Area.

The site violating the .075 ppm standard is shown in bold.

Notes:

1. On September 16, 2009, the Environmental Protection Agency announced it would reconsider the eight-hour ozone standard of .075 ppm. On January 6, 2010, EPA proposed to strengthen the primary eight-hour ozone standard to a level within the range of .060-.070 ppm and establish a secondary standard with the range of 7-15 parts per million-hours. On September 2, 2011, President Barack Obama directed the Environmental Protection Agency to withdraw its proposed new eight-hour ozone standards and delay any new rules until at least 2013, when the standard is next due for a formal review.

2. Within the nonattainment area, the three-year average of the fourth high decreased from 2010 to 2011 at five monitors; five monitors experienced an increase; and nine remained constant. Through September 20, 2011, there have been 77 exceedances of the .075 ppm standard in the nonattainment area. There were 37 exceedances in 2010.

3. Sources: EPA Website-Monitor Values Reports; AQS Quick Look Report; Maricopa County Air Quality Department 2009 Air Monitoring Network Review; ADEQ Air Quality Forecasts

**2011 EXCEEDANCES OF .075 PARTS PER MILLION
FOR EIGHT-HOUR OZONE
(Preliminary Data Through September 20, 2011)**

Site	Max ppm	Date
Apache Junction	.079	June 9, 2011
Blue Point	.082	May 24, 2011
	.084	May 25, 2011
	.092	June 9, 2011
	.081	June 10, 2011
	.076	June 14, 2011
	.077	June 15, 2011
	.080	June 20, 2011
	.077	June 21, 2011
	.080	June 22, 2011
Cave Creek	.076	May 24, 2011
	.083	May 25, 2011
	.088	June 9, 2011
	.081	June 10, 2011
	.082	August 25, 2011
	.076	September 1, 2011
Central Phoenix	.081	June 9, 2011
	.076	June 10, 2011
Fountain Hills	.076	May 24, 2011
	.083	May 25, 2011
	.089	June 9, 2011
	.081	June 10, 2011
	.076	June 20, 2011
	.077	June 21, 2011
	.077	June 22, 2011
	.077	July 8, 2011
	.077	August 25, 2011
Glendale	.080	May 25, 2011
	.083	June 9, 2011
	.082	August 25, 2011
	.076	September 1, 2011
Humboldt Mountain	.077	May 24, 2011
	.081	May 25, 2011
	.076	June 3, 2011
	.088	June 9, 2011
	.085	June 10, 2011
	.077	June 13, 2011

Site	Max ppm	Date
North Phoenix	.082	May 25, 2011
	.090	June 9, 2011
	.081	June 10, 2011
	.077	July 8, 2011
	.077	August 4, 2011
	.077	August 17, 2011
	.082	August 25, 2011
	.083	September 1, 2011
Phoenix Supersite	.078	May 25, 2011
	.084	June 9, 2011
	.076	July 8, 2011
	.077	August 17, 2011
	.084	August 25, 2011
	.081	September 1, 2011
Pinnacle Peak	.082	May 25, 2011
	.088	June 9, 2011
	.080	June 10, 2011
	.077	June 21, 2011
Rio Verde	.080	May 24, 2011
	.081	May 25, 2011
	.088	June 9, 2011
	.082	June 10, 2011
	.076	June 22, 2011
	.084	July 4, 2011
South Phoenix	.078	May 25, 2011
	.081	June 9, 2011
	.077	June 10, 2011
	.076	August 2, 2011
South Scottsdale	.077	May 25, 2011
	.083	June 9, 2011
	.078	June 10, 2011
Tempe	.076	June 9, 2011
Tonto Nat'l Mon.+	.076	May 6, 2011
	.076	May 24, 2011
	.077	May 25, 2011
	.083	June 9, 2011
West Chandler	.077	June 9, 2011
	.079	August 2, 2011
	.077	August 4, 2011

Site	Max ppm	Date
West Phoenix	.078	May 25, 2011
	.086	June 9, 2011
	.079	June 10, 2011
	.080	August 25, 2011
	.078	September 1, 2011

+ The Tonto National Monument Monitor is located outside the Eight-Hour Ozone Nonattainment Area.

Notes:

- On September 16, 2009, the Environmental Protection Agency announced it would reconsider the eight-hour ozone standard of .075 parts per million. On January 6, 2010, EPA proposed to strengthen the primary eight-hour ozone standard to a level within the range of .060-.070 parts per million and establish a secondary standard with the range of 7-15 parts per million-hours. On September 2, 2011, President Barack Obama directed the Environmental Protection Agency to withdraw its proposed new eight-hour ozone standards and delay any new rules until at least 2013, when the standard is next due for a formal review.
- Sites with four or more exceedances are shown in bold.
- Source: Arizona Department of Environmental Quality