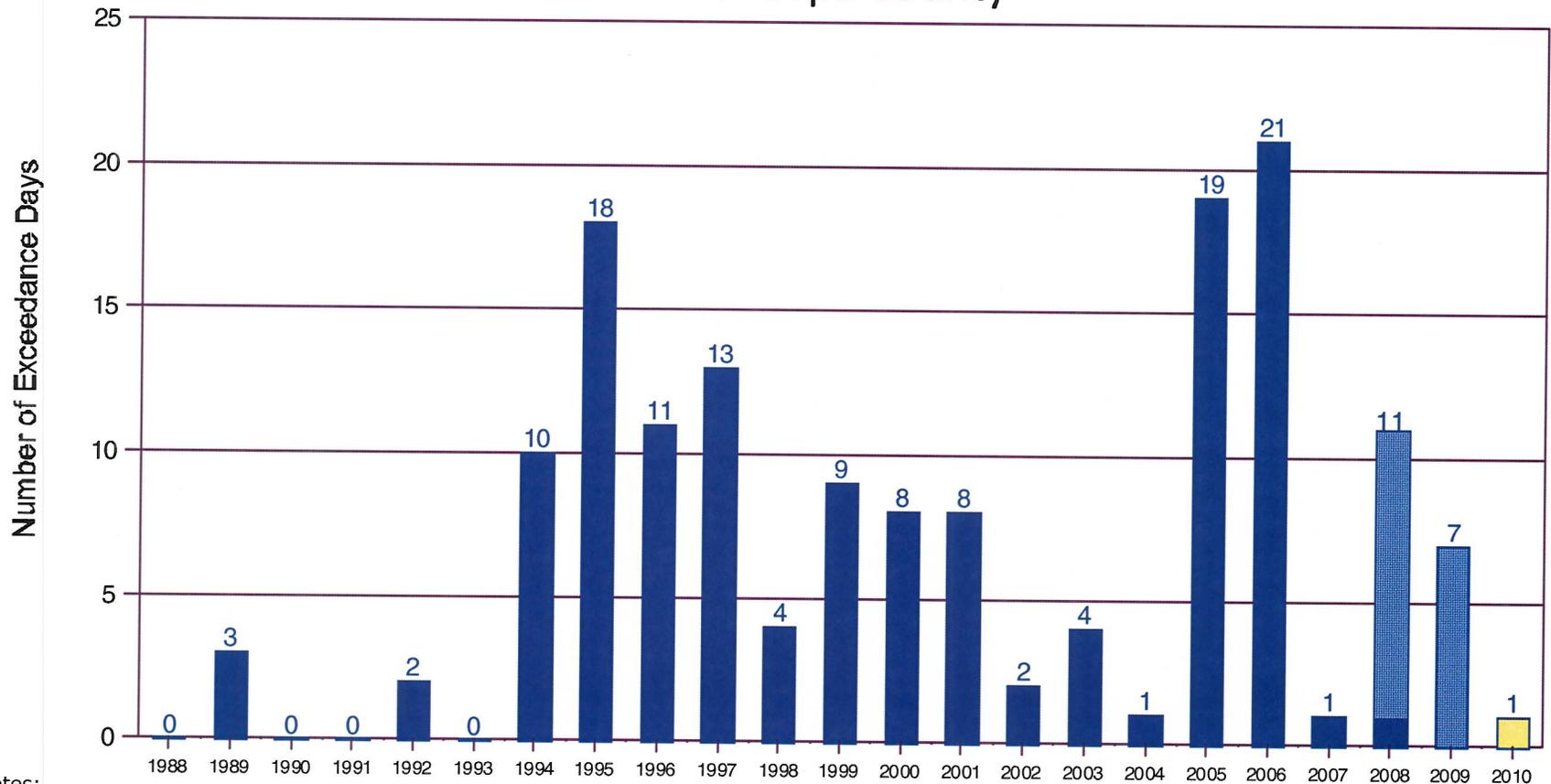


# PM-10 Monitoring Data

## Days Exceeding the 24-Hour PM-10 Standard in Maricopa County

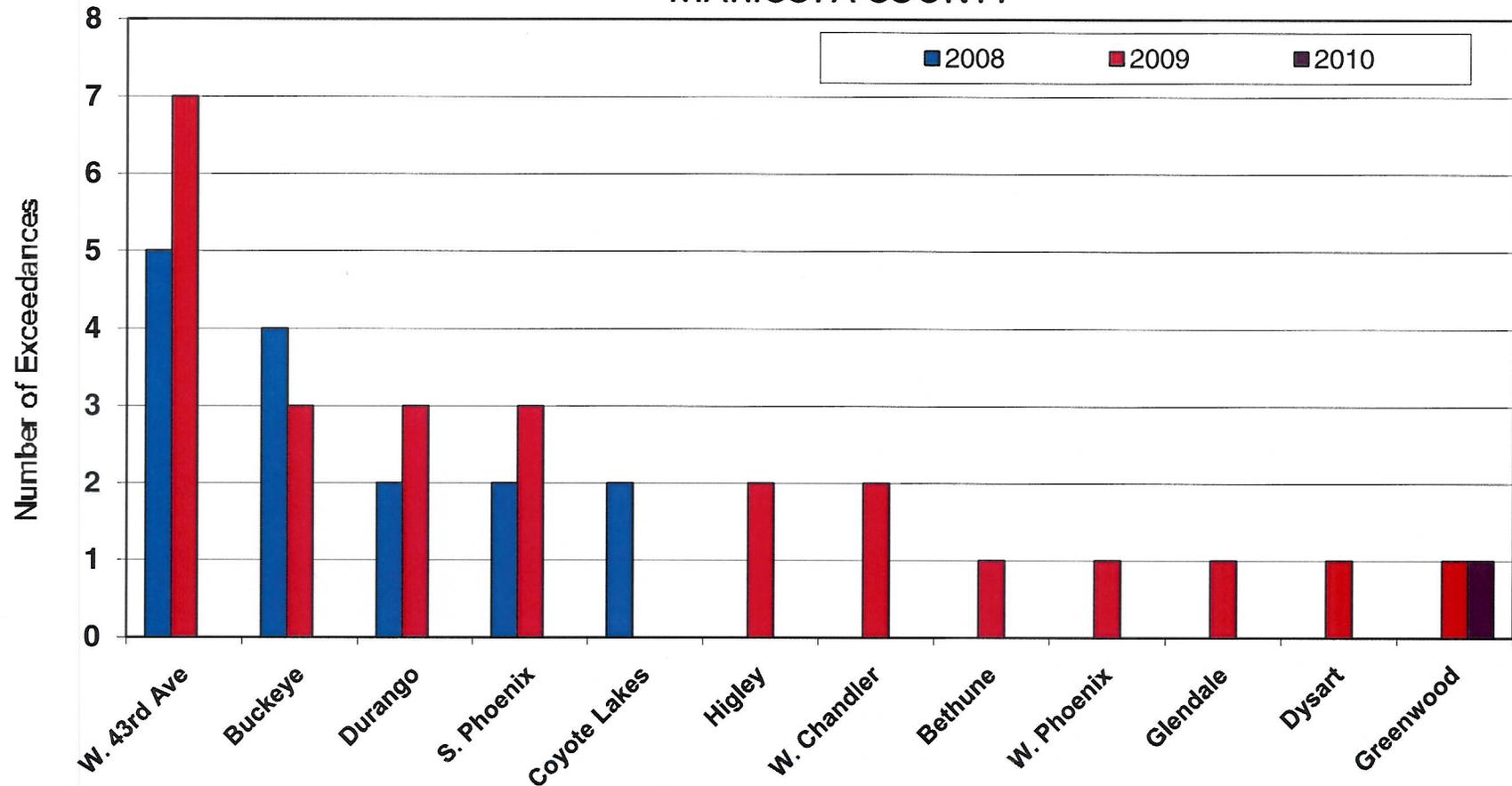


**Notes:**

1. The hatched blue areas represent exceedance days in 2008 and 2009 that ADEQ has indicated are exceptional events, but have not been approved by EPA.
2. For 2010, ADEQ is currently evaluating the one exceedance day (shown in yellow) to determine if it was an exceptional event.
3. Exceedance days that have been approved by EPA as exceptional events have been removed from this chart.
4. Most of the exceedances before 2004 were recorded by filter-based monitors that measured PM-10 concentrations on every sixth day. Since 2004, the filter-based monitors that exceeded the PM-10 standard have been replaced with monitors that measure PM-10 concentrations every day.
5. The chart includes exceedance days at the Buckeye monitor, which is outside the PM-10 nonattainment area.

# PM-10 Monitoring Data

## EXCEEDANCES OF THE 24-HR PM-10 STANDARD AT MONITORS IN MARICOPA COUNTY



Notes:

1. According to ADEQ, all of the exceedances in 2008 except for one at the Durango Complex monitor were exceptional events.
2. For 2009, ADEQ has indicated that all exceedances were exceptional events.
3. ADEQ is currently evaluating the one exceedance in 2010 to determine if it was an exceptional event.
4. The chart includes exceedances from the Buckeye monitor, which is outside the PM-10 nonattainment area.

## 2008 EXCEEDANCES OF THE 24-HOUR PM-10 STANDARD

Site	ug/m <sup>3</sup>	Date
Buckeye	159	March 2, 2008
	203	June 4, 2008
	172	July 1, 2008
	223	July 4, 2008
Coyote Lakes	186	June 4, 2008
	167	October 22, 2008
Durango Complex	247	November 7, 2008
	169	November 9, 2008
South Phoenix	161	October 11, 2008
	230	November 9, 2008
West 43 <sup>rd</sup> Avenue	250	March 14, 2008
	172	April 30, 2008
	278	May 21, 2008
	193	June 4, 2008
	247	November 9, 2008

**Notes:**

- The Arizona Department of Environmental Quality has indicated that all exceedances in 2008 are exceptional events except for the one exceedance on November 7, 2008 at the Durango Complex monitor.
- The table includes exceedances at the Buckeye monitor, which is located outside the PM-10 nonattainment area.

Source: The Environmental Protection Agency Air Quality System.

## 2009 EXCEEDANCES OF THE 24-HOUR PM-10 STANDARD

Site	ug/m <sup>3</sup>	Date
Bethune Elem. School	213	July 18, 2009
Buckeye	400	July 17, 2009
	439	July 18, 2009
	166	October 27, 2009
Durango Complex	161	July 17, 2009
	277	July 18, 2009
	157	October 27, 2009
Dysart	227	July 18, 2009
Glendale	196	July 18, 2009
Greenwood	229	July 18, 2009
Higley	275	July 17, 2009
	177	October 27, 2009
South Phoenix	169	July 17, 2009
	250	July 18, 2009
	160	September 3, 2009
West Chandler	185	July 18, 2009
	220	October 27, 2009
West 43 <sup>rd</sup> Avenue	198	March 22, 2009
	209	March 26, 2009
	213	April 3, 2009
	185	July 17, 2009
	317	July 18, 2009
	174	September 3, 2009
	188	October 27, 2009
West Phoenix	210	July 18, 2009

**Notes:**

- The Arizona Department of Environmental Quality has indicated that all exceedances in 2009 are exceptional events.
- The table includes exceedances at the Buckeye monitor, which is located outside the PM-10 nonattainment area.

Source: The Environmental Protection Agency Air Quality System.

## 2010 EXCEEDANCES OF THE 24-HOUR PM-10 STANDARD

Site	ug/m <sup>3</sup>	Date
Greenwood	158	October 15, 2010

**Note:**

- The Arizona Department of Environmental Quality is evaluating the 2010 exceedance to determine if it was an exceptional event.

Source: The Environmental Protection Agency Air Quality System.

**2011 EXCEEDANCES OF THE 24-HOUR PM-10 STANDARD  
THROUGH FEBRUARY 22, 2011\***

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<b>Site</b>	<b>ug/m<sup>3</sup></b>	<b>Date</b>
West Chandler	168	February 19, 2011

\* Based on preliminary data.

Note:

- The Arizona Department of Environmental Quality will be evaluating the 2011 exceedance to determine if it was an exceptional event.

Source: Arizona Department of Environmental Quality.