

**2011 Exceedances of the 24-Hour PM-10 Standard by Date**  
(Preliminary Data Through September 6, 2011)

Date	Monitor	24-Hour Avg. PM-10 Concentration in ug/m <sup>3</sup>	Additional Information
February 19, 2011	West Chandler	167.9	Frontal system winds from the south. Five continuous Pinal County PM-10 monitors recorded exceedances on February 19, 2011.
March 12, 2011	South Phoenix	168.5	
July 3, 2011	Buckeye	385.6	Regional dust storm
	Central Phoenix	279.8	
	Durango	278.1	
	Dysart	240.0	
	Glendale	242.8	
	Greenwood	254.6	
	Higley	196.8	
	South Phoenix	280.7	
	Supersite	229.0	
	West Chandler	199.2	
	West 43rd Ave.	250.7	
West Phoenix	244.2		
Zuni Hills	260.8		
July 4, 2011	Higley	198.5	Localized thunderstorm outflow winds from the south. Five continuous Pinal County PM-10 monitors recorded exceedances on July 4, 2011.
July 5, 2011	Buckeye	164.2	Regional dust storm
	Central Phoenix	277.5	
	Durango	156.9	
	Dysart	220.0	
	Glendale	168.3	
	Greenwood	156.0	
	Higley	375.7	
	South Phoenix	207.4	
	Supersite	331.8	
	West Chandler	360.6	
West Phoenix	267.0		
July 7, 2011	Higley	266.9	Localized thunderstorm outflow winds late in the evening along with residual dust from the July 5, 2011 regional dust storm. Five continuous Pinal County PM-10 monitors recorded exceedances on July 7, 2011.
	West Chandler	205.8	
July 8, 2011	Apache Junction	194.2	Localized thunderstorm outflow winds
July 18, 2011	Buckeye	196.7	Regional dust storm
	Central Phoenix	211.2	
	Durango	268.2	
	Dysart	163.9	
	Greenwood	209.3	
	South Phoenix	303.7	
	West 43rd Ave.	245.3	
West Phoenix	159.7		
August 3, 2011	West Chandler	249.3	Localized thunderstorm outflow winds early in the morning. Four continuous Pinal County PM-10 monitors recorded exceedances on August 3, 2011.

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August 5, 2011	Buckeye	158.7	Residual dust from August 4 evening thunderstorms-under investigation
August 18, 2011	Buckeye	296.8	Regional dust storm
	Central Phoenix	232.2	
	South Phoenix	179.0	
	West Chandler	186.1	
August 25, 2011	Buckeye	235.9	Regional dust storm
	Central Phoenix	308.7	
	Durango	437.5	
	Dysart	273.7	
	Glendale	241.2	
	Greenwood	388.6	
	South Phoenix	421.5	
	Supersite	242.2	
	West Chandler	278.6	
	West 43rd Ave.	370.3	
	West Phoenix	212.6	
August 26, 2011	Apache Junction	169.0	Localized thunderstorm outflow winds. Four other continuous Pinal County PM-10 monitors recorded exceedances on August 26, 2011.
August 27, 2011	Buckeye	226.3	Regional dust storm
	Central Phoenix	234.0	
	Durango	261.4	
	Glendale	220.4	
	Greenwood	208.2	
	South Phoenix	301.5	
	West Chandler	229.3	
	West 43rd Ave.	292.6	
August 28, 2011	Apache Junction	282.7	Carryover from August 27, 2011 regional dust storm. Four other continuous Pinal County PM-10 monitors recorded exceedances on August 28, 2011.
	Higley	175.8	
September 2, 2011	Apache Junction	217.4	Regional dust storm
	Buckeye	169.8	
	Central Phoenix	308.0	
	Durango	255.4	
	Greenwood	198.1	
	Higley	213.5	
	South Phoenix	339.3	
	Supersite	208.9	
	West Chandler	387.5	
West 43rd Ave.	219.7		
September 6, 2011	Apache Junction	172.6	Localized thunderstorm outflow-under investigation

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