



## Air Quality

ISSUED ON: Wed. Jun 21, 2017

This report is updated Monday through Friday and is valid for areas within and bordering Phoenix, Arizona

<b>Today</b>   Wednesday 6/21/2017 <b>108</b> Ozone	<b>Health Statement:</b> Active children and adults, and people with respiratory disease, such as asthma, should limit prolonged outdoor exertion.
<b>Tomorrow</b>   Thursday 6/22/2017 <b>90</b> Ozone	<b>Health Statement:</b> Unusually sensitive people should consider reducing prolonged outdoor exertion.
<b>Extended</b>   Friday 6/23/2017 <b>93</b> Ozone	<b>Health Statement:</b> Unusually sensitive people should consider reducing prolonged outdoor exertion.
<b>Extended</b>   Saturday 6/24/2017 <b>93</b> Ozone	<b>Health Statement:</b> Unusually sensitive people should consider reducing prolonged outdoor exertion.
<b>Extended</b>   Sunday 6/25/2017 <b>90</b> Ozone	<b>Health Statement:</b> Unusually sensitive people should consider reducing prolonged outdoor exertion.

“High Pollution Advisory” (HPA): Is when the highest concentration of OZONE, PM10, or PM2.5 may exceed the federal health standard.

“Health Watch” (HW): Is when the highest concentration of OZONE, PM10 or PM2.5 may approach the federal health standard.

## Air Pollutant Breakdown

O3 = Ozone, CO = Carbon Monoxide, PM10 = Particles 10 microns & smaller, PM2.5 = Particles smaller than 2.5 microns

Pollutant	Yesterday Highest Site	Wednesday 6/21/2017	Thursday 6/22/2017	Friday 6/23/2017	Saturday 6/24/2017	Sunday 6/25/2017
O <sub>3</sub>	126	108	90	93	93	90
	North Phoenix					
CO	10	9	7	8	9	9
	Diablo					
PM <sub>10</sub>	67	66	51	48	49	48
	West 43rd					
PM <sub>2.5</sub>	57	55	46	35	38	39
	Durango					

# Forecast Continued:

## Synopsis & Discussion

Forecaster: –R. Nicoll

The strong ridge over the region once again allowed ozone concentrations to accumulate to exceedance levels, while particulates reached Moderates. Similar weather conditions today will likely result in similar air quality conditions as the past several days. Therefore, an ozone High Pollution Advisory is in effect for today. Beginning tomorrow, we do expect to see some improvement. Breezy afternoon winds are forecast to increase ventilation over the area and prevent ozone and particulates from accumulating quite as much. Unfortunately, we don't expect drastic improvement to ozone levels. We forecast ozone levels to fall to Health Watch range. Particulates on the other hand, are forecast to trend back into the Good range. On a side note, the National Weather Service's Excessive Heat Warning is still in effect and will remain so through the weekend.

Check back tomorrow for more. Until then, have a good day and try to stay cool!



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