



Air Quality

ISSUED ON: Fri. May 26, 2017

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

Today Friday 5/26/2017 <p style="text-align: center;">80 Ozone</p>	Health Statement: Unusually sensitive people should consider reducing prolonged outdoor exertion.
Tomorrow Saturday 5/27/2017 <p style="text-align: center;">84 Ozone</p>	Health Statement: Unusually sensitive people should consider reducing prolonged outdoor exertion.
Extended Sunday 5/28/2017 <p style="text-align: center;">90 Ozone</p>	Health Statement: Unusually sensitive people should consider reducing prolonged outdoor exertion.
Extended Monday 5/29/2017 <p style="text-align: center;">87 Ozone</p>	Health Statement: Unusually sensitive people should consider reducing prolonged outdoor exertion.
Extended Tuesday 5/30/2017 <p style="text-align: center;">84 Ozone</p>	Health Statement: 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	Friday 5/26/2017	Saturday 5/27/2017	Sunday 5/28/2017	Monday 5/29/2017	Tuesday 5/30/2017
O ₃	77 Humboldt Mt.	80	84	90	87	84
CO	5 Central Phoenix	8	9	10	9	8
PM ₁₀	51 West 43rd	42	40	40	37	39
PM _{2.5}	21 Mesa	28	28	28	26	25

Forecast Continued:

Synopsis & Discussion

Forecaster: –R. Nicoll

No major changes to the forecast from yesterday. We have a trough to the north, currently located over Idaho that is tracking off the east. No significant impacts from this trough are expected, however winds associated with it should be enough to keep ozone levels from accumulating too much. A strong ridge will build in behind the trough, causing ozone to increase through the weekend. Sunday is forecast to have the highest ozone concentrations of the forecast period, peaking into Health Watch criteria. We forecast ozone to decrease a little on Monday and Tuesday due to the position of the high-pressure ridge, which should cause some easterly breezes. PM-10 reached the low-Moderates yesterday, but once again, it was only at a single monitor (West 43rd). For the most part, PM-10, along with PM-2.5 and carbon monoxide, should stay in the Good range through the forecast period.

Check back on Tuesday for a look at next week's weather and air quality. Until then, have a great Memorial Day weekend!



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