



Air Quality

ISSUED ON: Fri. May 26, 2017

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

Today Friday 5/26/2017 <p style="text-align: center;">56 PM₁₀</p>	Health Statement: Unusually sensitive people should consider reducing prolonged outdoor exertion.
Tomorrow Saturday 5/27/2017 <p style="text-align: center;">74 Ozone</p>	Health Statement: Unusually sensitive people should consider reducing prolonged outdoor exertion.
Extended Sunday 5/28/2017 <p style="text-align: center;">84 Ozone</p>	Health Statement: Unusually sensitive people should consider reducing prolonged outdoor exertion.
Extended Monday 5/29/2017 <p style="text-align: center;">84 Ozone</p>	Health Statement: Unusually sensitive people should consider reducing prolonged outdoor exertion.
Extended Tuesday 5/30/2017 <p style="text-align: center;">87 Ozone</p>	Health Statement: Unusually sensitive people should consider reducing prolonged outdoor exertion.

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

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

Air Pollutant Breakdown

O3 = Ozone, PM10 = Particles 10 microns & smaller

Pollutant	Yesterday 3/5/2017	Friday 5/26/2017	Saturday 5/27/2017	Sunday 5/28/2017	Monday 5/29/2017	Tuesday 5/30/2017
O ₃	50	54	74	84	84	87
PM ₁₀	48	56	41	39	37	39

Forecast Continued:

Synopsis & Discussion

Forecaster: –P. Patel

Over the weekend, we'll transition to a ridge of high pressure over the Southwest. Therefore, light winds and warmer temperatures (upwards of 100°) are expected to be with us through Monday. Ozone will be on an increasing trend in Yuma, possibly reaching the mid-Moderates by tomorrow. As for PM-10, concentrations should follow a normal trend in the Good range due to light winds. However, as of this morning, concentrations are running quite high. Wind speeds reported at the Marine Corps Air Station have been under 10 mph over the last several observations. But, earlier this morning, speeds in El Centro were close to 30mph with gusts even higher. So, it's possible dust was transported. By tomorrow, since wind speeds are decreasing, PM-10 should fall back down.

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



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