



## Ozone Air Pollutant - Yuma

The Arizona Department of Environmental Quality (ADEQ) is extending an Ozone High Pollution Advisory (HPA) through the weekend, June 4-5 for the Yuma area.

The HPA is being issued because ADEQ's forecast for the Yuma area indicate elevated ozone this weekend as the high pressure system remains over the Southwest. Light surface winds along with exceptionally hot temperatures (118°F) will allow ozone precursors to pool near the surface and result in an increased amount of ozone production.

ADEQ recommends that children and adults with respiratory problems avoid outdoor activities. Exposure to ozone can make people more susceptible to respiratory infection, result in lung inflammation, and aggravate pre-existing respiratory diseases such as asthma. Other effects include decrease in lung function, chest pain, and cough.

### **BACKGROUND:**

High Pollution Advisory or HPA: Concentrations of an air pollutant may exceed the federal health standard.

Ozone: Ground level ozone is formed through a chemical reaction between sunlight, nitrogen oxides (NO<sub>x</sub>) and Volatile Organic Compounds (VOCs).

### **CONTACT:**

The Arizona Department of Environmental Quality (ADEQ) provides a daily forecast for air quality and issues HPAs or health watches when these conditions exist. Please visit <https://azdeq.gov/environ/air/ozone/yumef.pdf> or subscribe to receive forecasts via text message or email here <https://public.govdelivery.com/accounts/AZDEQ/subscriber/new>.

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