



Maricopa County  
Air Quality Department



## HIGH POLLUTION ADVISORY

**EFFECTIVE: Wednesday, Aug. 4**

The Arizona Department of Environmental Quality is issuing a High Pollution Advisory (HPA) for ozone for the fourth time this year on Wednesday, Aug. 4.

The HPA is being issued because already elevated readings of ground level ozone are being aggravated by increased sunlight, little wind activity and temperatures approaching 110 by Wednesday.

As a result, the Maricopa County Air Quality Department will enforce the mandatory “No Burn Day” restriction for Maricopa County for Wednesday. Residents and businesses must refrain from burning wood in fireplaces, woodstoves or outdoor fire pits during this 24-hour period. This restriction includes individuals and businesses that have burn permits for open burning. Restrictions also include the use of leaf blowers on governmental properties.

ADEQ recommends that children and adults with respiratory problems avoid outdoor activities after noon on Wednesday and suggests that the general public limit outdoor activity during the afternoon, when ozone concentrations will be peaking.

"Ozone pollution is a serious threat to people's health in the Phoenix metropolitan area and we urge everyone to take proper precautions on Wednesday," said ADEQ Director Benjamin H. Grumbles.

The Maricopa County Trip Reduction program and Valley Metro Business Services request employers activate their HPA Plan. Residents and employers are asked to use these tips to help make the air healthier to breathe:

- Drive as little as possible: car pool, use public transit or telecommute. For information on transportation alternatives, visit Valley Metro: [www.valleymetro.org](http://www.valleymetro.org).
- Do not light a wood-burning fire during the advisory period
- Cut back on the use of gas-powered lawn and garden equipment.
- Refuel vehicles after dark.
- Avoid idling your vehicle.
- Make sure your car's tires are properly inflated and your wheels are aligned.
- Be careful not to spill gasoline when filling up your car or gasoline-powered lawn and garden equipment.
- Seal containers of household cleaners, workshop chemicals and solvents and garden chemicals to prevent gases from evaporating into the air.
- Dispose of containers properly.

**OZONE BACKGROUND:** Ground level ozone is caused by the interaction of sunlight with the many pollutants generated by automobiles, gasoline-powered lawn equipment and other sources. Ozone can irritate the respiratory system, reduce lung function, aggravate asthma and other chronic lung conditions and inflame and damage cells that line the lungs. Repeated short-term ozone damage to children's developing lungs may lead to reduced lung function in adulthood. The months of April through September make up the Phoenix metropolitan area's ozone season.

### WHO'S WHO?



The **Arizona Department of Environmental Quality [ADEQ]** provides a daily forecast for air quality. When conditions exist, ADEQ will issue high pollution advisories, health watches and alerts. Daily air quality forecasts are on ADEQ's Web site at [www.azdeq.gov/environ/air/ozone/ensemble.pdf](http://www.azdeq.gov/environ/air/ozone/ensemble.pdf) or by calling (602)771-2367. Those interested in receiving the air quality forecast via email can subscribe to ADEQ's forecast list at [www.azdeq.gov/subscribe.html](http://www.azdeq.gov/subscribe.html) and text alerts at [www.azdeq.gov/sms.html](http://www.azdeq.gov/sms.html)

The **Maricopa County Air Quality Department** issues No Burn Day restrictions based on a High Pollution Advisory or Health Watch. Certain restrictions can be issued depending on the type of pollution. Learn more about the restrictions by visiting the department's website: [www.maricopa.gov/aq](http://www.maricopa.gov/aq) and click on the "Current Restrictions" link on the left side of the home page. To find out if any burn restrictions are in place, call 602-506-6400 or visit [www.cleanairmakemore.com](http://www.cleanairmakemore.com) . Information is given in both English and Spanish.

**Valley Metro/RPTA** provides eco-friendly public transit options to residents of greater Phoenix and Maricopa County, including a clean-fuel bus fleet, low-emissions light rail, online carpool matching and bus trip mapping, and bicycle and telecommuting assistance. Funding is provided by local, state and federal revenues and administered by a board of 15 governments working to improve and regionalize the public transit system. [www.ValleyMetro.org](http://www.ValleyMetro.org)

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