

Sign up for Alert! Notices

Be sure you're signed up for Ozone Alert! Notices. At www.OzoneAlert.Com, you can sign up to receive Ozone Alerts by email.

On your phone, simply text the word 'ozone' to #41411.

The Ozone Standard

The EPA's national ozone standard is considered to be "exceeded" when any one monitor records an 8-hour ozone average greater than 70 parts per billion (ppb). This corresponds to an Air Quality Index (AQI) of higher than 100, which means unhealthy air. Exceedances may occur throughout the ozone season, however an area is not considered to have "violated" the ozone standard unless/until the 3 - year average of ozone (specifically of the 4th highest readings) is greater than 70 ppb. A great way to keep track throughout the summer is the Ozone Season ScoreCard at the OzoneAlert.Com website.



www.OzoneAlert.Com

TULSA AREA OZONE ALERT! PROGRAM



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What is the Ozone Alert! Program?



The Tulsa Area Ozone Alert! Program

It's an air quality voluntary education and outreach program developed right here in the Tulsa region! Ozone Alerts were first developed to maintain Tulsa's clean air status. The Ozone Alert! Program predicts days when weather and other conditions may cause unhealthy ground-level ozone in the Tulsa metropolitan area. This advance prediction allows the community to take voluntary measures to reduce ozone formation.

Good Up High but Bad Nearby

Ozone in the upper atmosphere is a beneficial and protective layer around the earth, but ground-level ozone is harmful air pollution that threatens our health, quality of life, and the Tulsa area's economic prosperity. Ground-level ozone is created when sunlight reacts with volatile organic compounds (VOCs) and nitrogen oxides (NOx). Reducing these emissions is necessary to reduce ground-level ozone formation. No matter where you live in the Tulsa area, you probably affect and are affected by our air quality. And you can help Clear Our Air!

Why you should care

Exposure to ground level ozone is a threat to our health. Five groups of people are especially vulnerable to the effects of breathing ozone: children, senior citizens, people who work or exercise outdoors, people with preexisting respiratory disease (e.g., asthma or COPD) and "responders" who are otherwise healthy but have an enhanced reaction to ozone. Ozone's effect on an individual's health can depend on many factors, including whether they are part of a susceptible population group, how much ozone is in the air, how rapidly they breathe, and how long they are exposed to the ozone.

How you can help

On Ozone Alert! Days:

- Leave your car at home. Walk, bike, carpool, ride the bus or telecommute.
- Avoid idling. Walk-in rather than drive-thru.
- Bring your lunch to work. "Brown bag it" or walk to lunch.
- Postpone refueling. Wait until evening or not at all on Alert! Days.
- Postpone mowing and using other gasoline-powered lawn equipment. Wait until evening or not at all on Alert! Days.
- Postpone any errands you can on an Ozone Alert! Day.

