



THE **HOTSPOT** FOR
**SOLAR
ECLIPSE**
Viewing

✦ **CENTRAL TEXAS** ✦

**AUSTIN AND THE SURROUNDING HILL COUNTRY
ARE IN THE DIRECT PATH OF THE
TOTAL SOLAR ECLIPSE TAKING PLACE:
APRIL 8, 2024**

WHAT IS A SOLAR ECLIPSE?

A solar eclipse happens when the moon passes between the sun and the earth, blocking the sun's light to earth's surface.

The 2024 eclipse will be a total eclipse, where the moon completely blocks the sun. Even though the sun is about 400 times larger than the moon, the distance between each solar body creates the illusion that they're the same size in the sky when viewed from earth.

WHEN WILL THE 2024 SOLAR ECLIPSE BE VISIBLE IN CENTRAL TEXAS ON APRIL 8?

TEXAS HILL COUNTRY It is anticipated to be visible throughout the Hill Country from 1:32pm - 1:41pm CST.

AUSTIN Eclipse viewers will experience about 1 minute and 46 seconds of totality, beginning at 1:36 pm CST.

TIPS FOR SAFE ECLIPSE VIEWING

PLAN IN ADVANCE

The eclipse is expected to attract a substantial amount of visitors, therefore roadway congestion and delays are probable. To ensure your trip goes as smoothly as possible, arrive at your viewing location early and consider sticking around after the eclipse to avoid traffic.

PROTECT YOUR EYES

While it's perfectly safe to view a solar eclipse if you follow safe eclipse viewing procedures, you can cause permanent eye damage or even blindness if you attempt to view an eclipse incorrectly.

SAFE:

- Watch the eclipse using eclipse safety glasses that are certified as meeting international standards for safe solar viewing. The current standard is ISO 12312-2:2015.
- Secure your certified eyewear well in advance from a reputable source. Your eclipse safety glasses or viewers should have this designation printed on them.
- View an eclipse using indirect methods, such as a "pinhole projector," where an image of the eclipsed sun is projected onto another surface. Learn more about pinhole projectors here: tinyurl.com/4wcc5rja

UNSAFE:

- Never look directly at the sun or at the eclipse with the naked eye. This could cause serious eye damage.
- Do not look through the lens of a telescope, binoculars, camera without an approved solar filter attached.
- Regular sunglasses are not strong enough to protect your eyes from looking directly at the sun.

WHY IS CENTRAL TEXAS A HOTSPOT?

Weather permitting, a partial solar eclipse will be visible across nearly all of North America, but anyone within the roughly 115-mile-wide "Path of Totality" across Mexico, the U.S. from Texas through Maine, and parts of Eastern Canada, will experience a total solar eclipse.

See other locations that lie within the 2024 total solar eclipse path: tinyurl.com/5y6w5bnw

LOOKING FOR NIGHTTIME STARGAZING LOCATIONS IN CENTRAL TEXAS?

Visit TNT's Stargazing in Central Texas guide: tinyurl.com/yypdv6jt



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