

IN TEXAS

Texas is known as the home to many things, but over the next year it will lay claim to a rare set of events. There are two eclipses passing through Texas, one an annular eclipse **Oct. 14, 2023**, the other a total eclipse passing through **April 8, 2024**.

The annular eclipse will begin along the Pacific coast in Oregon and travel through Texas down to the Gulf Coast. The total eclipse will begin along the Southern Pacific coast and travel through Texas, ending along the Atlantic coast in Canada.

EVENTS

October 14, 2023

Prime Viewing Point
TTU Center at Junction

Physics Department Solar Eclipse Event

10:00AM - 1:30PM
YWCA, 6501 University Avenue

Solar Eclipse Watch Party

10:00AM - 1:00PM
Museum of TTU

The first 1,000 attendees get free solar eclipse viewing glasses or cards.



TEXAS TECH UNIVERSITY
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SOLAR ECLIPSES

2023 - 2024

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ECLIPSE EYE WEAR AND SAFETY

When looking at the sun you need to make sure you have the correct type of protective eyewear. Looking at the sun without eyewear could cause permanent damage to vision.

Viewing through a phone camera, binoculars or a telescope without a solar filter can cause severe eye injury.

Eclipse glasses and solar viewers are safe ways to observe a solar eclipse. Sunglasses are never a safe way to view an eclipse even if they are dark. If you are wearing eclipse glasses, avoid using cameras, binoculars, or other methods of solar viewing, the rays can burn through and can cause significant injury to eyesight.

ANNULAR SOLAR ECLIPSE

October 14, 2023

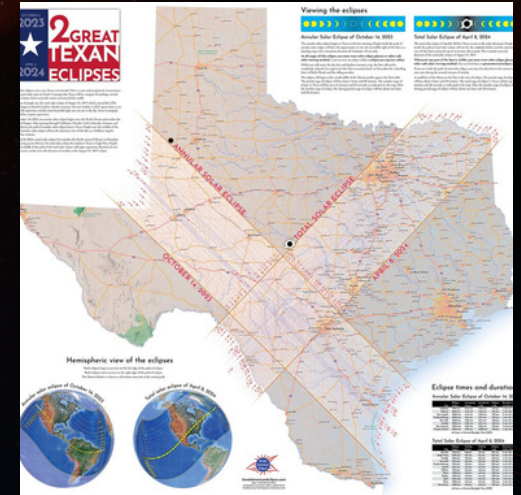
An annular solar eclipse happens when the moon moves between the sun and Earth while it is at its farthest point from Earth. Since the moon is farther away from Earth, it appears smaller than the sun and does not completely cover it. This creates a ring around the moon that looks like a "ring of fire" in the sky.

TOTAL SOLAR ECLIPSE

April 8, 2024

A total solar eclipse is one in which the moon will completely cover the sun's face. There will not be another total solar eclipse visible from the contiguous United States until 2044. Total solar eclipses offer unique opportunities for research across multiple fields.

IN THE PATH



TTU sites in the path of the solar eclipses include:

Annular Eclipse: Lubbock Campus, TTU Center at Junction, TTU Costa Rica

Total Eclipse: TTU Center at Junction