



Total Solar Eclipse 2024

NWS Fort Worth



Overview

What Happened

Total Solar Eclipses
Are Quite Rare

Climate

Resources

On Monday April 8th, 2024 a Total Solar Eclipse crossed North America, passing over Mexico, the United States and Canada. All of North and Central Texas was able to experience at least a partial eclipse. Learn more about this historic event, including the climatology for North and Central Texas.

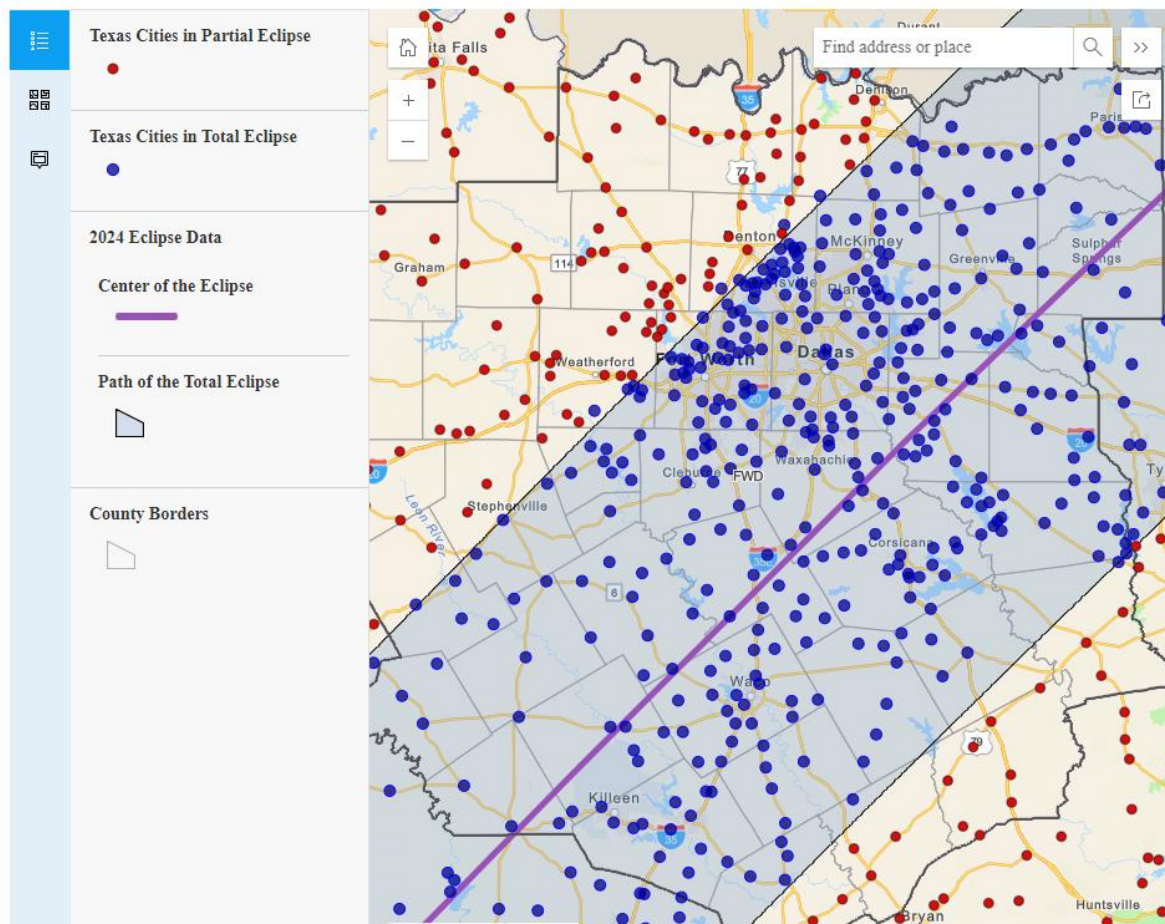
What is a total solar eclipse?

According to NASA, a total solar eclipse happens when the Moon passes between the Sun and Earth, completely blocking the face of the Sun. People located in the center of the Moon's shadow when it hits Earth will experience a total solar eclipse. Learn more about the different types of eclipses [here](#).

Path of the Eclipse

The map below shows the path of totality (shaded area) and the centerline of the eclipse (purple line). Totality tracked directly across North and Central Texas on April 8th, 2024, started in southwestern Lampasas County at 1:34 pm CDT and ended in northeastern Lamar County at 1:48 pm CDT. The entire state of Texas saw at least a partial solar eclipse early that afternoon.

The blue dots on the map represent the locations that experienced totality, and the red dots represent the locations that experienced a partial eclipse. Click on the map for the times the eclipse occurred.



Source: <https://www.weather.gov/fwd/eclipse2024>