

Austin's Total Solar Eclipse Experience Resource Guide

Prepared by the Office of Council Member Alison Alter

Austin will experience a total solar eclipse on April 8, 2024, visible from most of the city. Depending on your location in Austin, for a few seconds to minutes the sky will be dark, stars will be visible, and the sun will be covered by the moon so only the corona of gases is visible. It is one of the world's most rare and wondrous natural phenomena. It is profoundly different from the partial eclipses that most of us have experienced. The last total solar eclipse with Austin in the path was May 26, 1397, the next one after 2024 will be February 25, 2343. The next total solar eclipse visible from anywhere in the contiguous United States will be August 23, 2044.

There are many valuable resources available online, following are a few for quick access:

Interactive maps for detailed information about location and duration of totality:

<https://solarsystem.nasa.gov/resources/2867/interactive-map-2024-solar-eclipse-across-the-us/>

<https://nso.edu/eclipse-map-2024/>

https://eclipse2024.org/eclipse_cities/statemap.html

Austin City Hall data:

https://eclipse2024.org/eclipse_cities/cities/maplocation_30.264805239204392,-97.74721961984669.html?lang=en

NASA safety information:

<https://solarsystem.nasa.gov/eclipses/2024/apr-8-total/safety/Safety - NASA Science>

American Astronomical Society list of approved eclipse viewers:

<https://eclipse.aas.org/resources/solar-filters>

General information:

https://nationaleclipse.com/cities/austin_texas.html

UT Astronomy Outreach:

<https://outreach.as.utexas.edu/eclipse/>

Austin Astronomical Society:

<https://austinastro.org>

National Solar Observatory Eclipse information - safety, science, etc.:

<https://nso.edu/for-public/exciting-events/>

Events in Austin (Visit Austin):

<https://www.austintexas.org/events/eclipse-austin/>