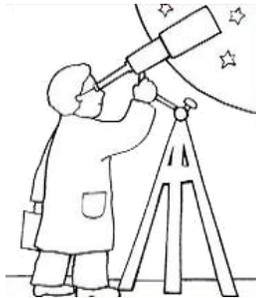




Annular Solar Eclipse October 14, 2023

Total Solar Eclipse April 8, 2024

Facts...Planning...and Fun!

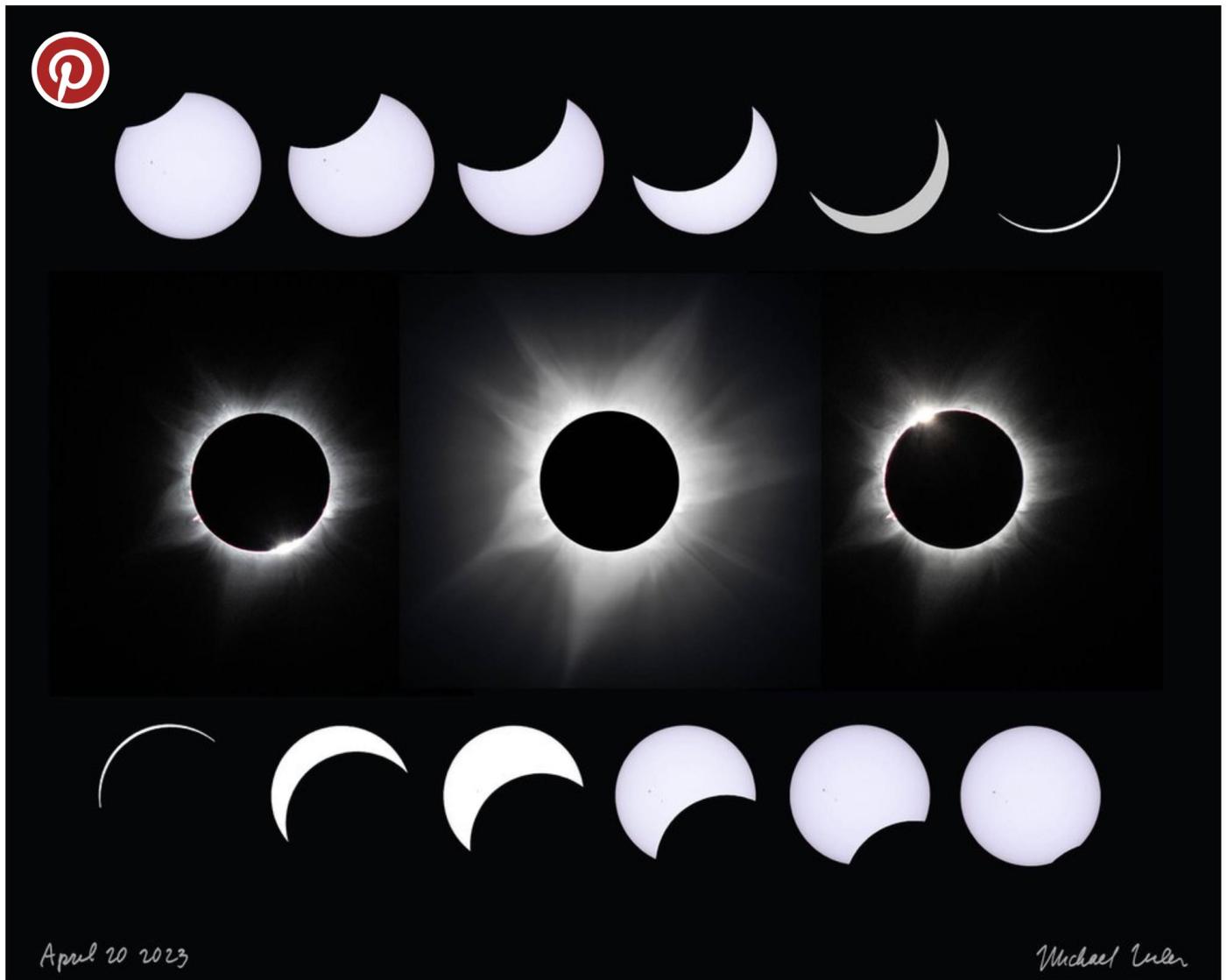


June Meeting Discussion!

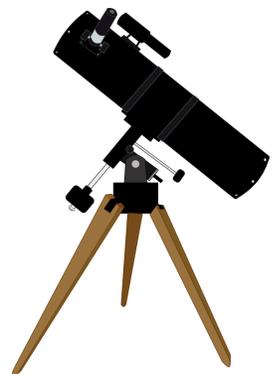
- How to read the Eclipse maps for October 2023 and April 2024.
- Personal preparations for the eclipses
- Travel planning
- Photographic planning
- Websites for greater information



Total solar eclipse of April 8, 2024 over Mexico, the USA, and Canada



<https://solarsystem.nasa.gov/eclipses/2024/apr-8-total/where-when/>





star eclipses cross over Texas in 6 months! This is a rare and exceptional circumstance for a particular spot on Earth. Consequently, Texas will be a magnet for perhaps several visitors from across the nation and around the world.

As of people saw the total solar eclipse of August 21, 2017 which crossed the USA from Oregon to South Carolina. Nearly everyone who saw today in 2017 agrees that it was life experience and the most beautiful sight you can see in the sky. Texas is uniquely qualified for a repeat experience.

On October 14, 2023, an annular solar eclipse begins over the Pacific Ocean and reaches the state of Oregon. After passing through California, Nevada, Utah, Colorado, Arizona, and New Mexico, the path of annular solar eclipse bisects Texas. People near the middle of the annular solar eclipse will see the dramatic view of the Sun as a brilliant ring for four minutes.

On April 8, 2024, a total solar eclipse first touches the Pacific coast of Mexico at Mazatlan, then crosses Mexico, the total solar eclipse first darkens Texas at Eagle Pass. People in the middle of the path of the total solar eclipse will enjoy a generous duration of over 4 minutes, nearly twice the duration of totality as the August 21, 2017 eclipse.

Viewing the eclipses

Annular Solar Eclipse of October 14, 2023

The annular solar eclipse begins in Texas in the late morning. People inside the path of annular solar eclipse will have the opportunity to view the incredible sight of the Sun as a dazzling ring with a maximum duration of 4 minutes, 52 seconds.

At all stages of this eclipse, you must wear solar eclipse glasses or other safe solar viewing method. Learn to view an eclipse safely at eclipse.aas.org/eye-safety.

While you will notice the sky dim and shadows become crisp, the Sun will not be completely eclipsed. Use approved solar filters securely fitted on binoculars for a dazzling show of Baily's beads and the rolling annulus.

The eclipse will begin with a small sliver of the Moon's profile against the Sun's disk. The partial stage of eclipse will last about 1 hour and 20 minutes. The annular stage of eclipse in Texas will last up to 4 minutes and 52 seconds, as indicated on the map. After the annular stage of eclipse, the closing partial stage of eclipse will last about one hour and 20 minutes.

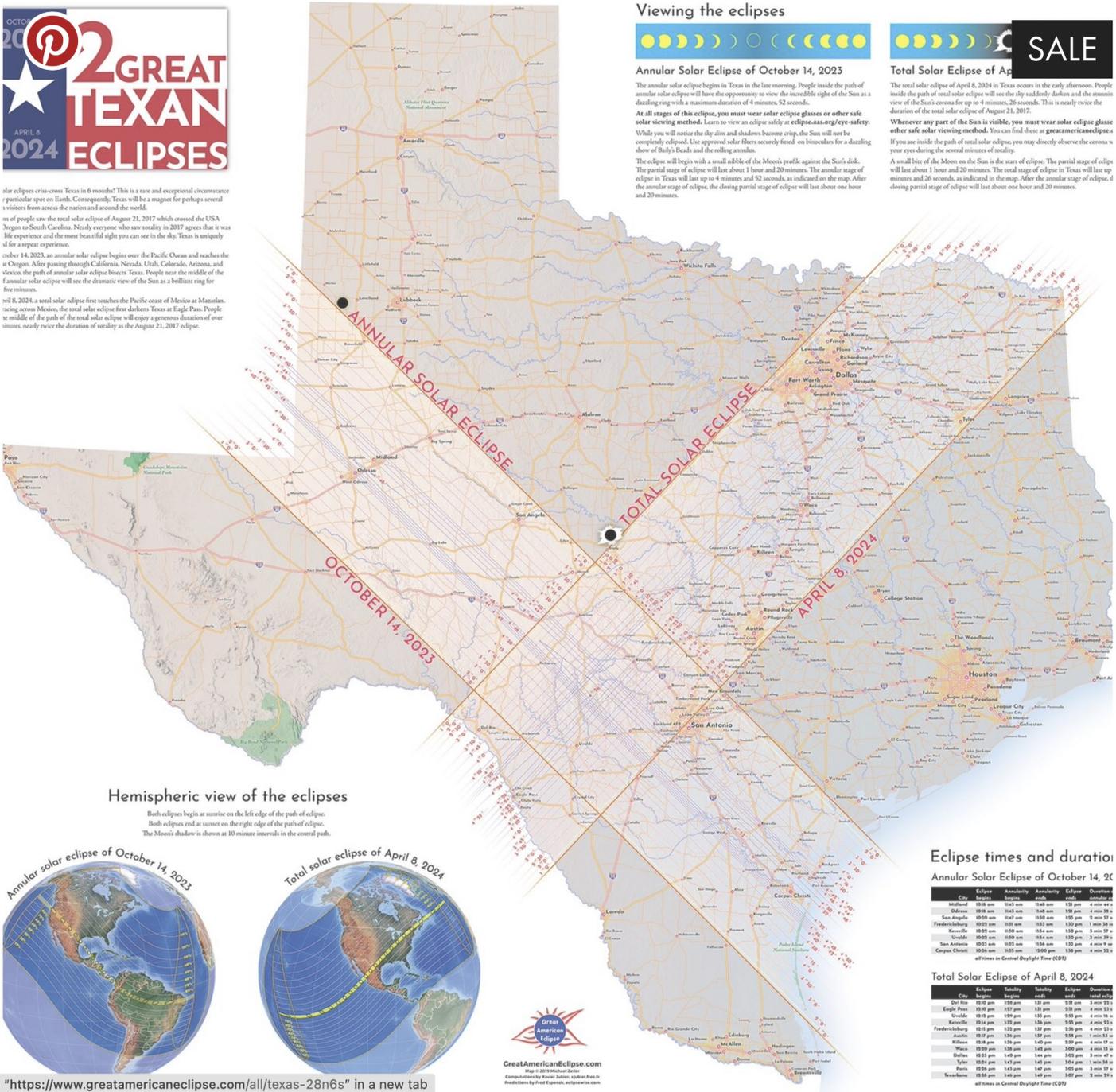
Total Solar Eclipse of April 8, 2024

The total solar eclipse of April 8, 2024 in Texas occurs in the early afternoon. People inside the path of total solar eclipse will see the sky suddenly darken and the sun's rays of the Sun's corona for up to 4 minutes, 26 seconds. This is nearly twice the duration of the total solar eclipse of August 21, 2017.

Whenever any part of the Sun is visible, you must wear solar eclipse glasses or other safe solar viewing method. You can find these at greatamericaneclipse.com.

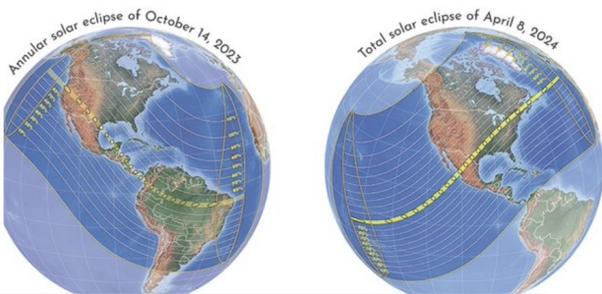
If you are inside the path of total solar eclipse, you may directly observe the corona with your eyes during the several minutes of totality.

A small bite of the Moon on the Sun is the start of eclipse. The partial stage of eclipse will last about 1 hour and 20 minutes. The total stage of eclipse in Texas will last up to 4 minutes and 26 seconds, as indicated in the map. After the annular stage of eclipse, the closing partial stage of eclipse will last about one hour and 20 minutes.



Hemispheric view of the eclipses

Both eclipses begin at sunrise on the left edge of the path of eclipse.
Both eclipses end at sunset on the right edge of the path of eclipse.
The Moon's shadow is shown as 10 minute intervals in the central path.



<https://www.greatamericaneclipse.com/all/texas-28n6s> in a new tab



Eclipse times and duration

Annular Solar Eclipse of October 14, 2023

City	Eclipse begins	Annularity begins	Annularity ends	Eclipse ends	Duration (minutes)
Midland	05:56 am	07:43 am	08:48 am	10:00 am	4 min 44 s
Odessa	06:00 am	07:47 am	08:52 am	10:04 am	4 min 38 s
San Angelo	06:02 am	07:49 am	08:54 am	10:06 am	4 min 37 s
Fredericksburg	06:05 am	07:51 am	08:56 am	10:08 am	4 min 36 s
Kennelville	06:07 am	07:53 am	08:58 am	10:10 am	4 min 35 s
Uvalde	06:09 am	07:55 am	09:00 am	10:12 am	4 min 34 s
San Antonio	06:11 am	07:57 am	09:02 am	10:14 am	4 min 33 s
Corpus Christi	06:14 am	08:00 am	09:05 am	10:17 am	4 min 32 s

Total Solar Eclipse of April 8, 2024

City	Eclipse begins	Totality begins	Totality ends	Eclipse ends	Duration (minutes)
Del Rio	02:00 pm	03:00 pm	03:51 pm	04:50 pm	3 min 52 s
Eagle Pass	02:00 pm	03:00 pm	03:51 pm	04:50 pm	3 min 52 s
Uvalde	02:02 pm	03:02 pm	03:53 pm	04:52 pm	3 min 51 s
Kennelville	02:04 pm	03:04 pm	03:55 pm	04:54 pm	3 min 50 s
Fredericksburg	02:05 pm	03:05 pm	03:56 pm	04:55 pm	3 min 50 s
Austin	02:07 pm	03:07 pm	03:58 pm	04:57 pm	3 min 49 s
Killeen	02:08 pm	03:08 pm	03:59 pm	04:58 pm	3 min 48 s
Waco	02:09 pm	03:09 pm	04:00 pm	04:59 pm	3 min 48 s
Dallas	02:11 pm	03:11 pm	04:02 pm	05:01 pm	3 min 47 s
Tyler	02:12 pm	03:12 pm	04:03 pm	05:02 pm	3 min 46 s
Paris	02:14 pm	03:14 pm	04:05 pm	05:04 pm	3 min 45 s
San Marcos	02:16 pm	03:16 pm	04:07 pm	05:06 pm	3 min 44 s

“Photography is a calling that requires vigilance and alertness for that moment in time that only occurs once.”

- Caroline Mueller -

May Assignment Photos — *Water*



Lois Schubert



Rose Epps



Barbara Hunley



May General Photos



Barbara Hunley



John Davis



Mike Stys



Jill McLain



Paul Munch



Bill Henderson



Pete Holland

May *New Member* Photos



Greg Karnaze



Greg Karnaze

Meeting Minutes for May 4, 2023

The meeting was brought to order at 7:00pm by Steve Houston.

Items of discussion was the recognition of visitors and inquiries about how they found our club and a summary of their photographic background.

Steve began a more in-depth description of the June meeting regarding the upcoming two solar eclipses in October 2023 and the total solar eclipse in April 2024. A workshop is being planned in preparation for those interested in the eclipse.

The May pictures were presented both in the Assignment Category and the General Category. Verbal judging was done at the meeting by Steve Houston and Rose Epps.

The meeting adjourned at 8:00pm

Volunteers needed for the following categories:

- **Newsletter editor** - Produce a monthly newsletter.
- **Programs, field trips, and workshops.** Someone to help coordinate these events.

If you feel lead to volunteer in one of these capacities, please email Barbara Hunley at austins shutterbug@gmail.com



Assignment Categories for 2023

July 6

Repeating Geometric Shapes – A photographic image whose subject is, or is heavily supported by, the appearance of repeating geometric shapes. These shapes may be circles, squares, triangles, rectangles, etc. Computer generated geometric shapes or images are not allowed. The image must have been taken within 12 months of the meeting date. May be color or monochrome.

September 7

Monochrome Image – An image that is made artistically special through rendering it in monochrome display. The image may be made in nature or studio -in the public or private arena, and although of one color, it need not be in Black & White. The image must have been taken within 12 months of the meeting date.

November 2

Action Shots of People – An image of one or more people in action. The image may or may not demonstrate motion blur. The image must have been taken within 12 months of the meeting date. May be color or monochrome.

January 4, 2024

Image enhanced by significant Post-Processing* – The image must be based on an actual photograph which has been artistically altered through the use of computer post-processing. These methods may include HDR, Compositing, Sky replacement, Color replacement, Photo-stitching, Photo-stacking, and innumerable other methods. The image must have been taken within 12 months of the meeting date. May be color or monochrome.

A good photograph is one that communicates a fact, touches the heart and leaves the viewer a changed person for having seen it. It is, in a word, effective.

- Irving Penn -

NEXT MEETING DATE!

Thursday, June 1, 2023

7:00pm

Northwest Recreation Center

2913 Northland Dr, Austin, TX 78757

Visitors welcome!

We are on Facebook!

