

# ROC2024

TOTAL SOLAR ECLIPSE

## Preparing for the 2024 Total Solar Eclipse

Dan Schneiderman - Eclipse Partnership Coordinator @  
RMSC



# THE TOTAL SOLAR ECLIPSE IS LESS THAN 7 MONTHS!

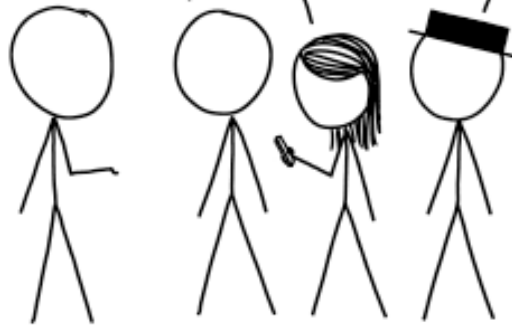
206 DAYS AWAY

...AND THEN AFTER THE ONE IN 2024,  
THERE'S ANOTHER ON AUGUST 12, 2045.

WE'RE IN! WE CAN INVITE OUR  
KIDS, ASSUMING WE HAVE ANY.

I'LL CREATE AN EVENT. DO YOU  
THINK WE'LL STILL BE USING  
GOOGLE CALENDAR IN 2045?

SORRY, I'D LOVE TO  
MAKE IT, BUT I HAVE  
A THING THAT DAY.



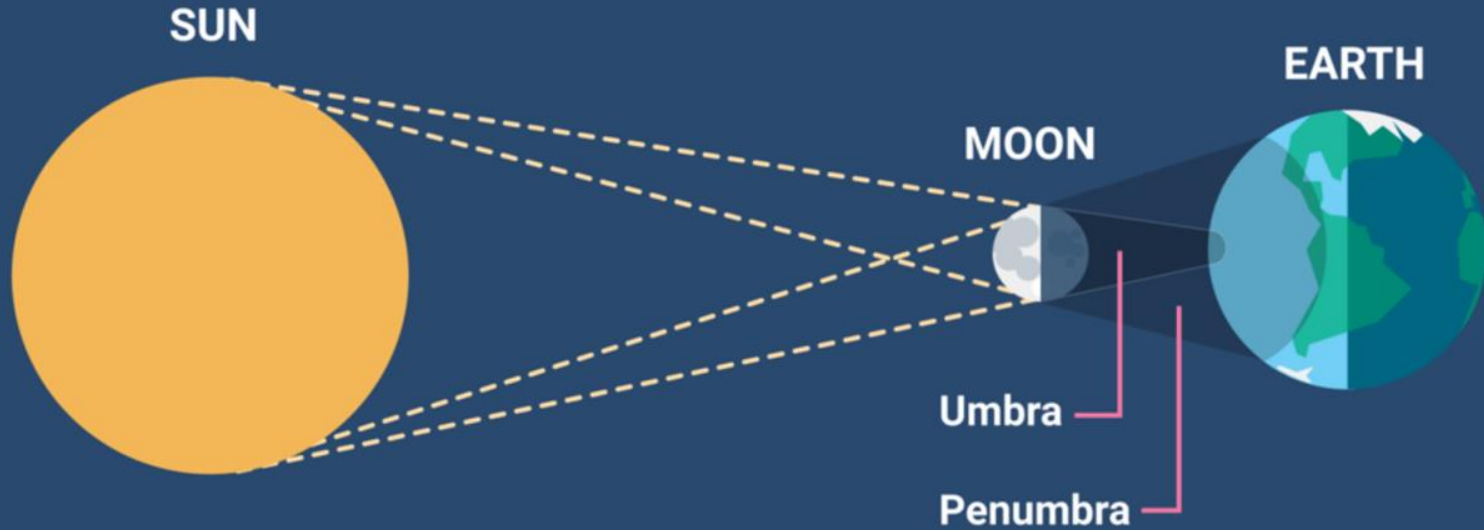
IT'S WEIRD MAKING PLANS FOR ECLIPSES.



**ONE NATION UNDER THE SUN**

# Science Time!

# Eclipse Basics





# Types of Solar Eclipses

Partial



Annular



Total





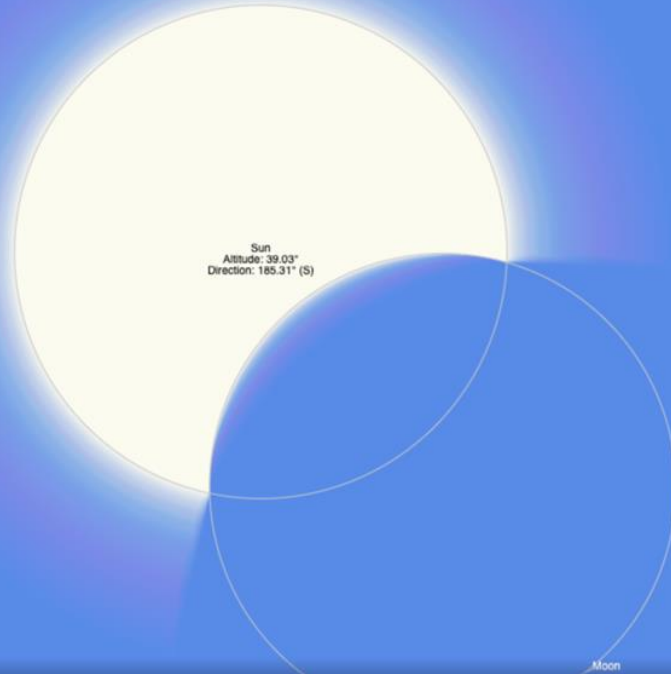


**WARNING!**  
DO NOT LOOK AT THE SUN  
THROUGH THIS TELESCOPE.  
PERMANENT EYE DAMAGE WILL  
RESULT FROM LOOKING AT THE  
SUN THROUGH ANY TELESCOPE!

**ODYSSEY 8**

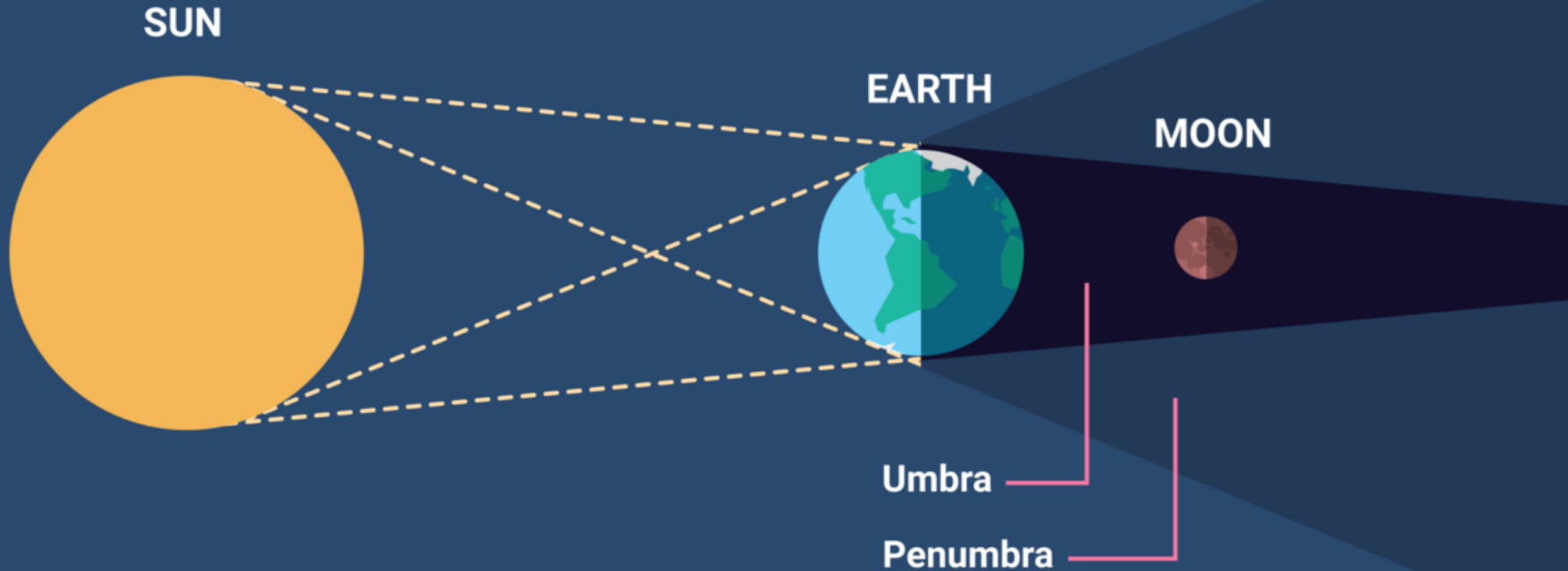
**Partial Solar Eclipse**  
**Saturday**  
**October 14th, 2023**  
**1:15 PM**

**A great opportunity to host  
events!**





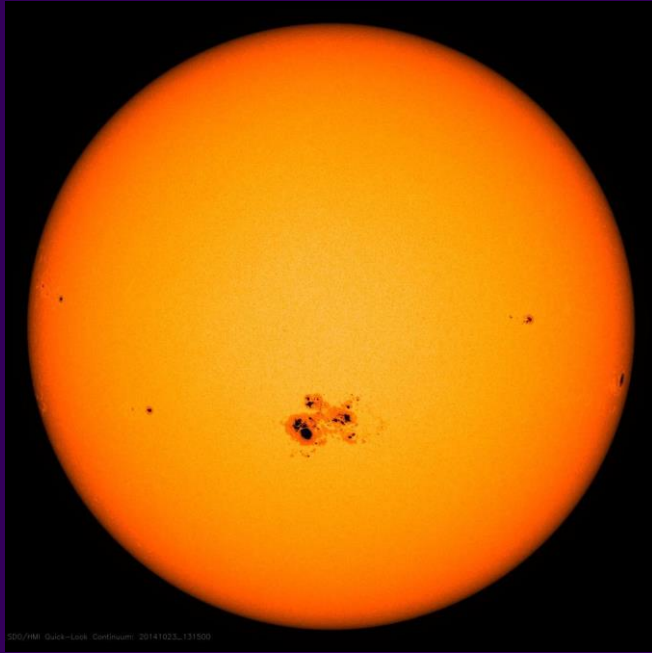
# Lunar Eclipse



# Lunar Eclipses

- A total lunar eclipse takes place when the Earth comes between the Sun and the Moon and its shadow covers the Moon.
- Eclipse watchers can see the Moon turn red when the eclipse reaches totality.
- Only happens during a full moon
- Last Lunar Eclipse in Rochester
  - November 7th-8th
- Next Lunar Eclipse
  - March 14th, 2025



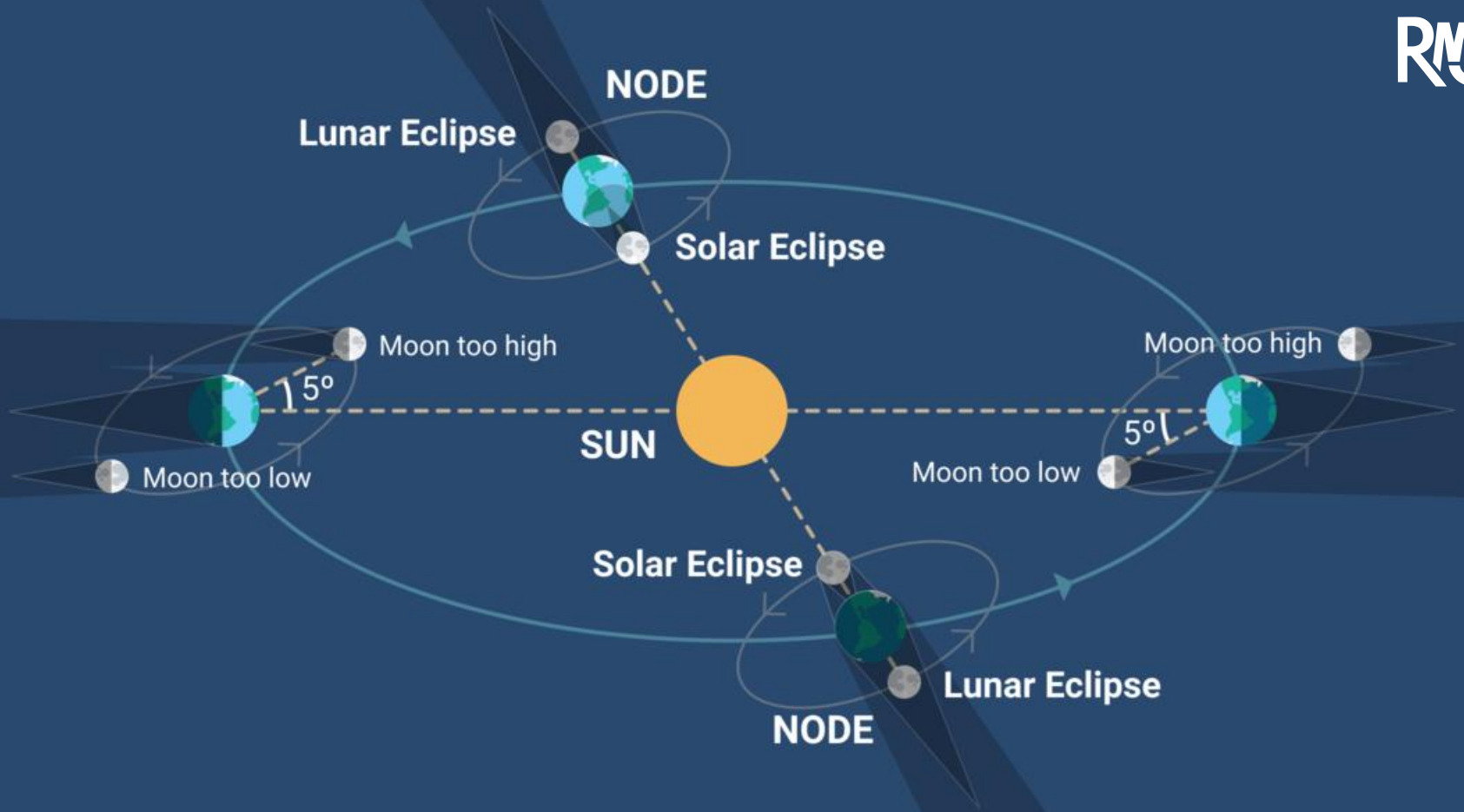


**Sun - 400x Larger**  
**Moon - 400x Closer**

# Why don't we see a Total Solar Eclipse more Often?

**Eclipses Happen Approx.  
18-24 Months**





# Phases of the Eclipse



## First Contact

Edge of the Moon starts to overlap the edge of the Sun. The eclipse begins.



## Second Contact

The Moon covers the entire disc of the Sun. Total eclipse begins.



## Totality

Max phase of a Total Solar Eclipse. The Sun is completely covered.



## Third Contact

Moon starts moving away. Parts of the Sun's disc reappears.



## Fourth Contact

Moon stops covering the Sun. The Eclipse ends.

# What Will You Observe in the Sky

- Moon blocking out the sun!
- 360 degree sunset
  - Deep dusk
- Planets
  - Jupiter & Venus should be easy to spot
  - Saturn and Mars
- Brightest of Stars visible
- Diamond Ring Effect
- Baily's Beads



## Diamond Ring Effect

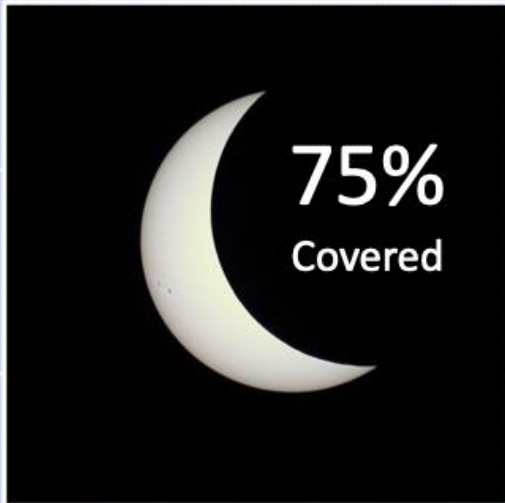
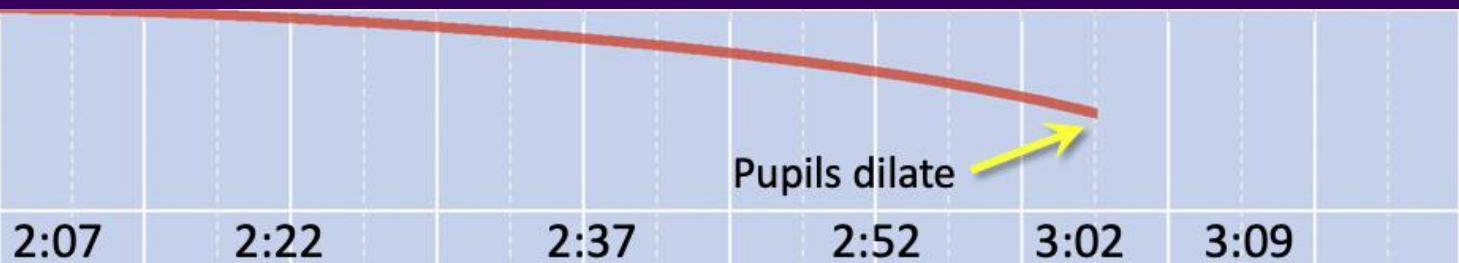


Rick Fienberg, AAS

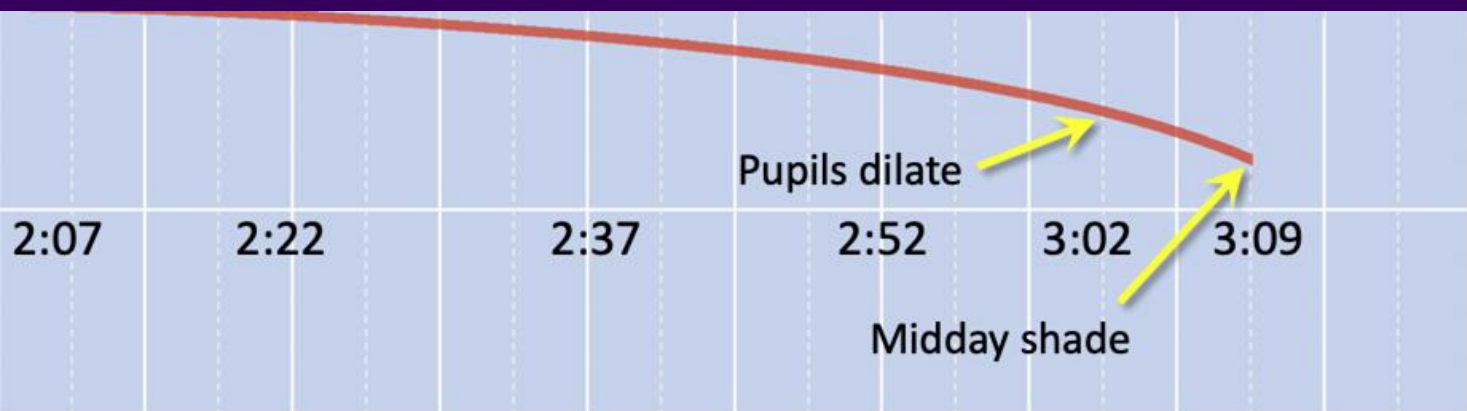
## Bailey's Beads



Reinhold Wittich, AAS



3:02pm  
Sun is 75% covered.  
Pupils start to dilate.  
You won't notice.



3:09pm  
Sun is 85% covered.  
Light is like midday shade.  
You won't notice.

2:07

2:22

2:37

Pupils dilate

2:52

3:02

3:09

3:16

Midday shade

Overcast day



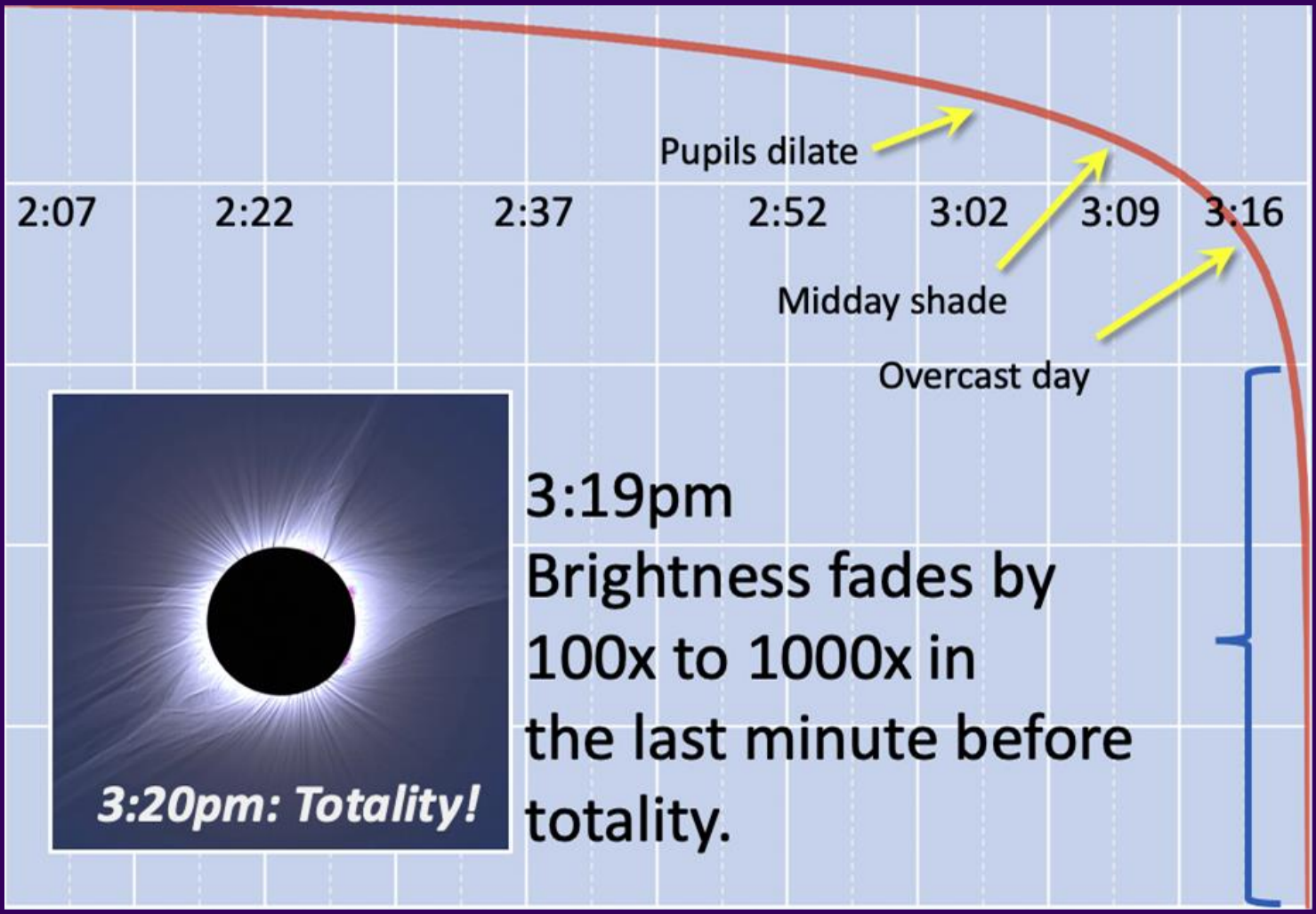
3:16pm

Sun is 95% covered.

Light is like an overcast day.

You might notice.

Graph by  
Rick  
Fienberg



Graph by  
Rick  
Fienberg



# What Will You Observe on Earth

- Temperature drops ~10 degrees F
- Animal and plant behavior acts if it was nightfall
  - Birds back to nests
- Sharpening of shadows
- Shadow Bands
  - thin, wavy lines of alternating light and dark that can be seen moving and immediately before and after totality
  - refraction by Earth's atmospheric turbulence
- Eerily still
- Sense of Wonder and Awe



Source: NASA/Dominic Hart

Jupiter

Mercury

Venus

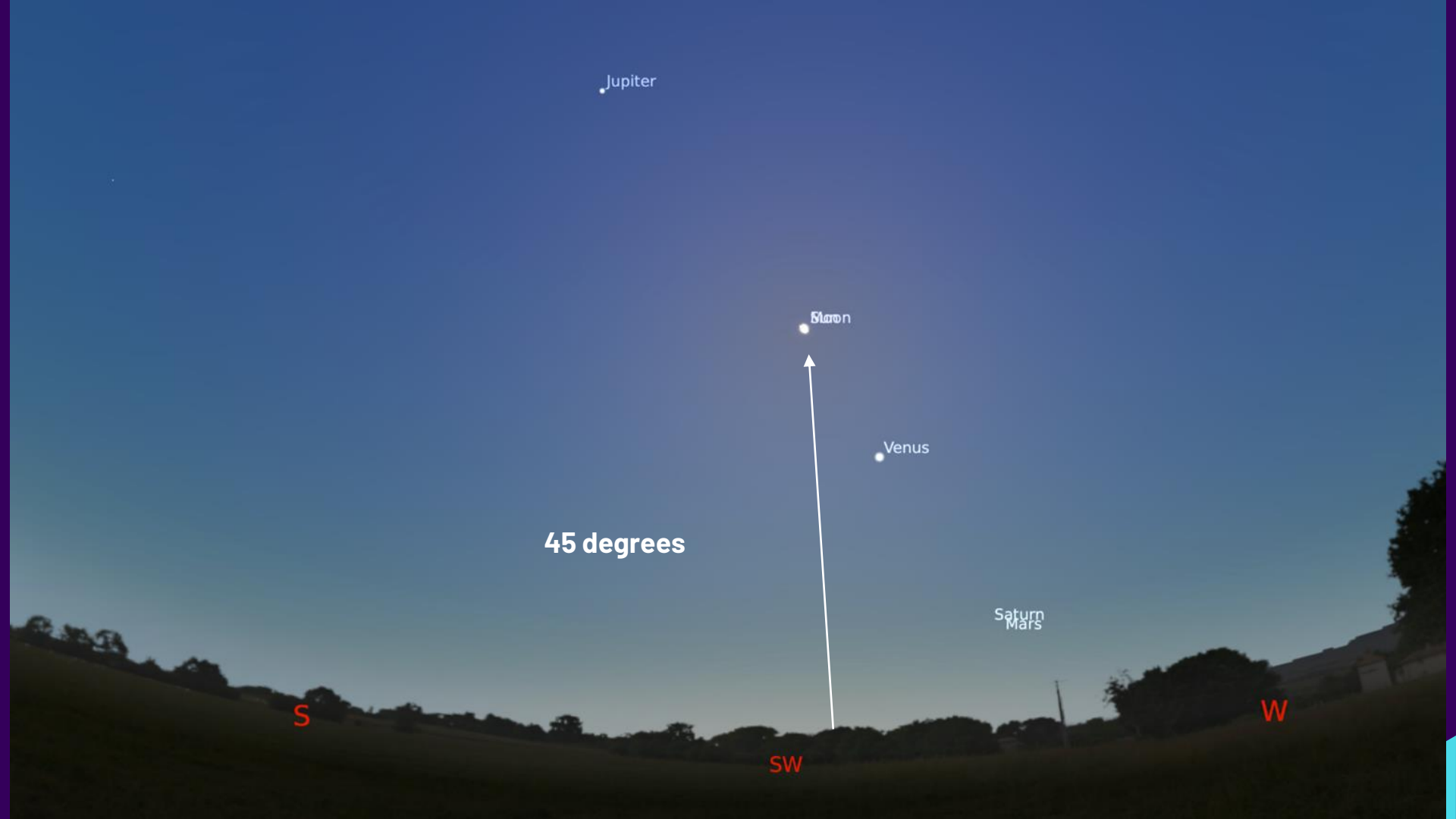
Saturn  
Mars

45 degrees

S

SW

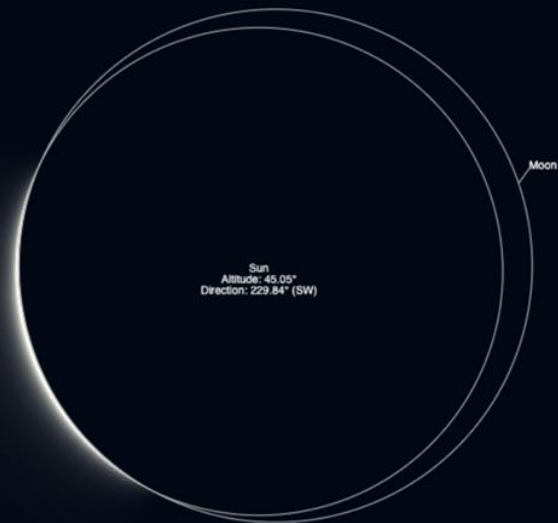
W



**99.9% Coverage of the  
Sun is NOT Totality**



The Moon covers 95% of the Sun's diameter and about 94% of its area. Credit: Rick Fienberg

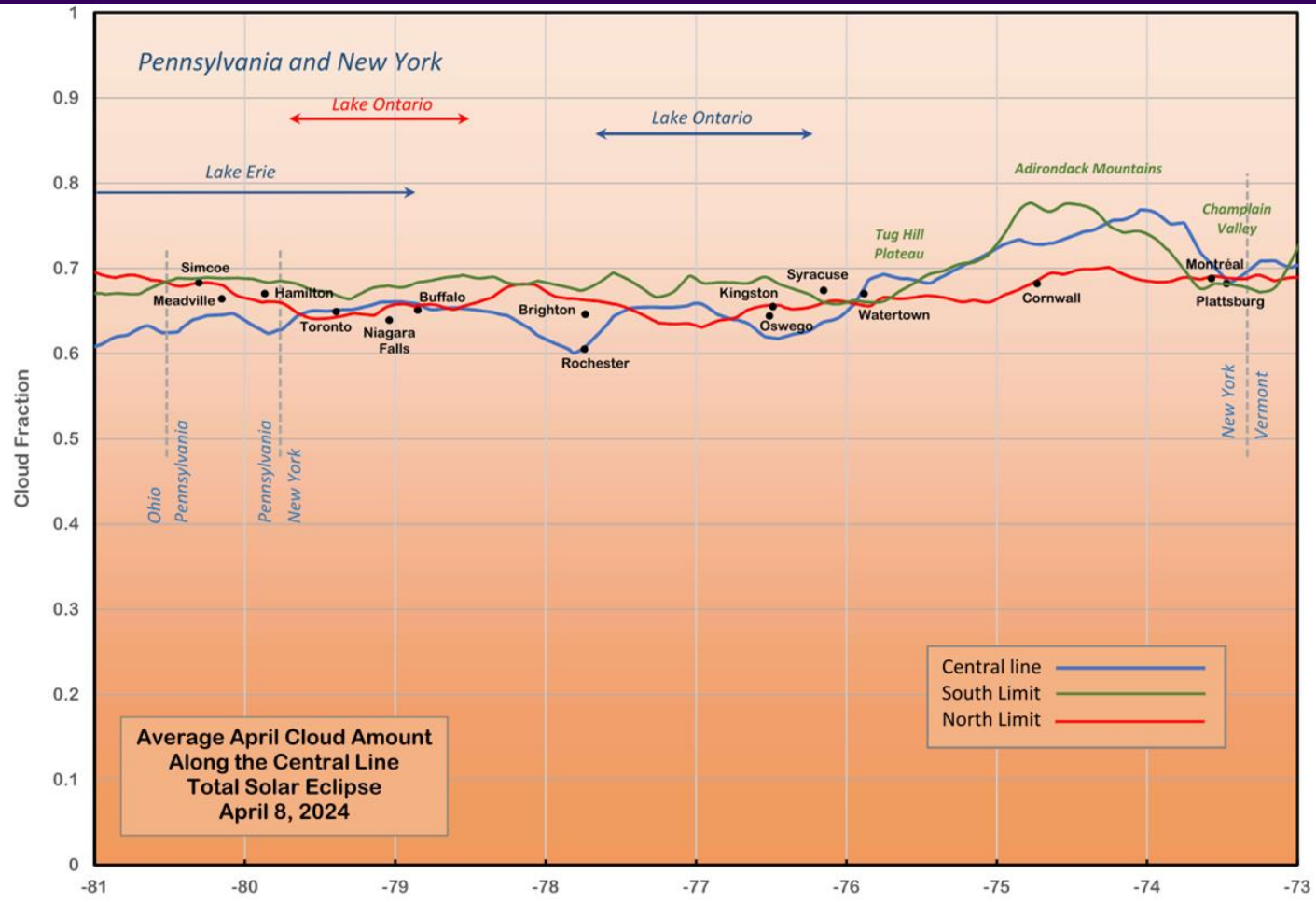


99.39%  
Covered

## What Happens if it is Cloudy?

What Happens if it is Cloudy?

**It will still get dark!**







08 Apr 2023 14:01Z - NOAA/NESDIS/STAR GOES-East - GEOCOLOR Composite - Day(0.47 um - blue, 0.64 um - red, and 0.86 um - near IR)

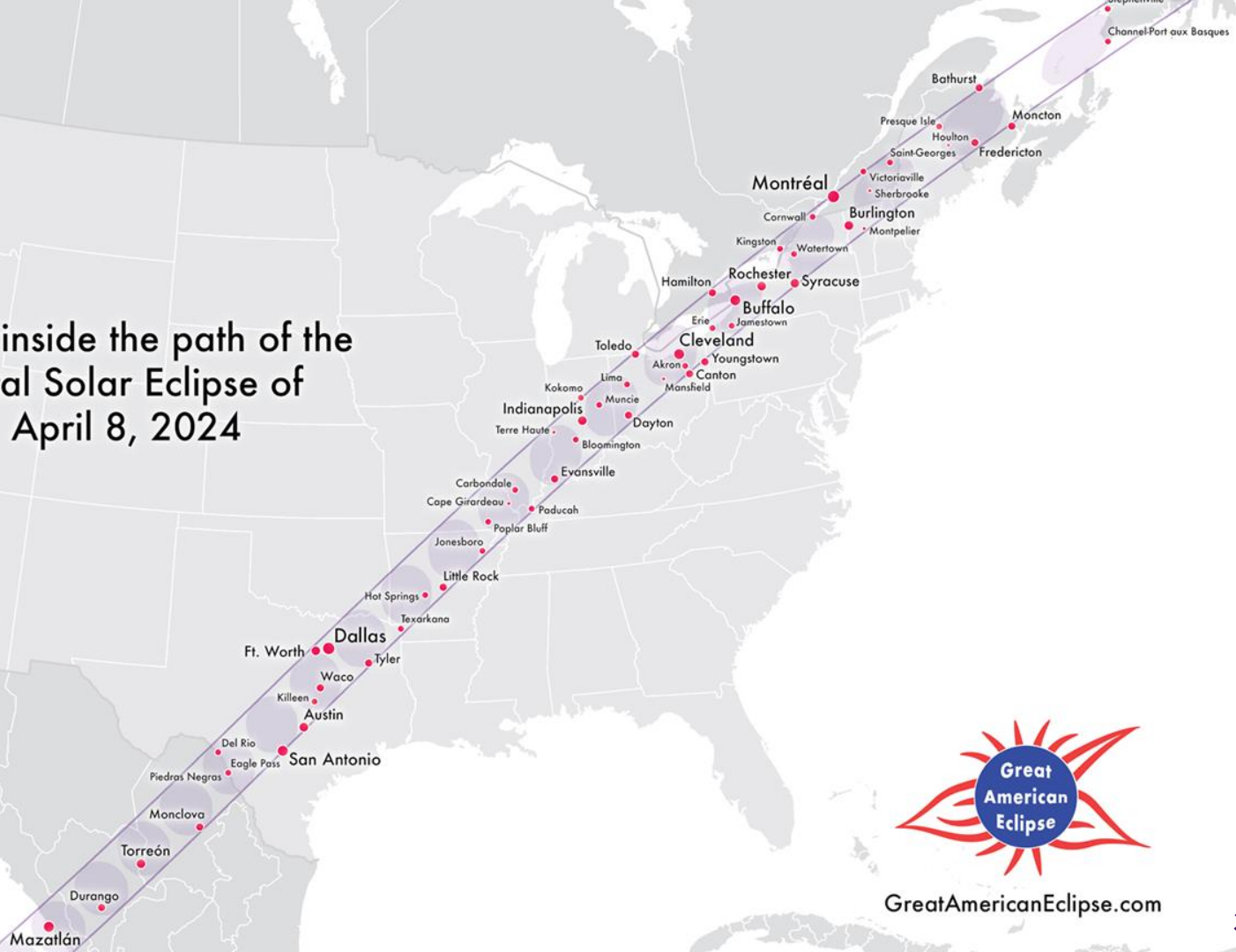


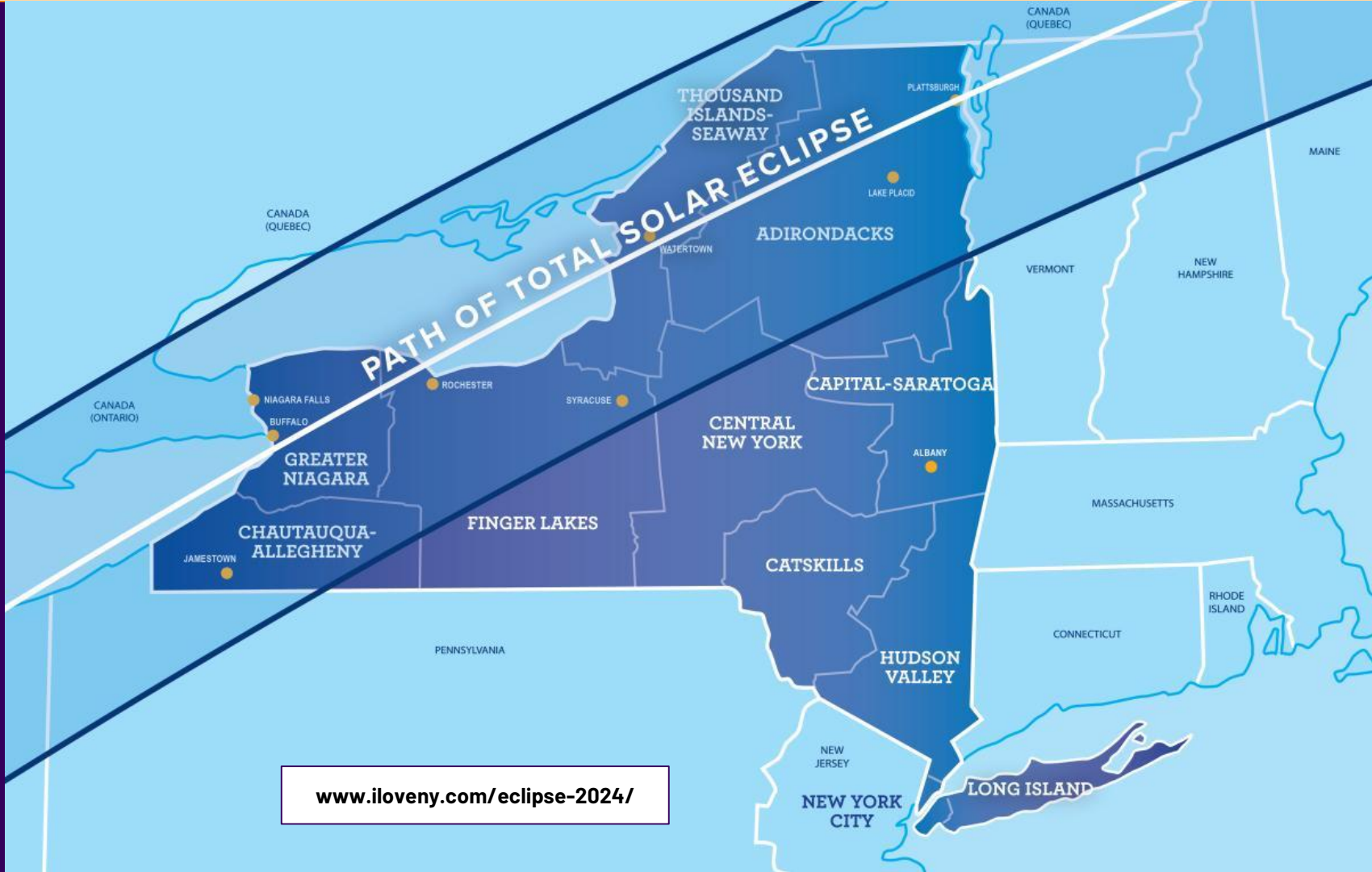
Homestead National Monument - 2017

# Maps & 2024!



# Cities inside the path of the Total Solar Eclipse of April 8, 2024



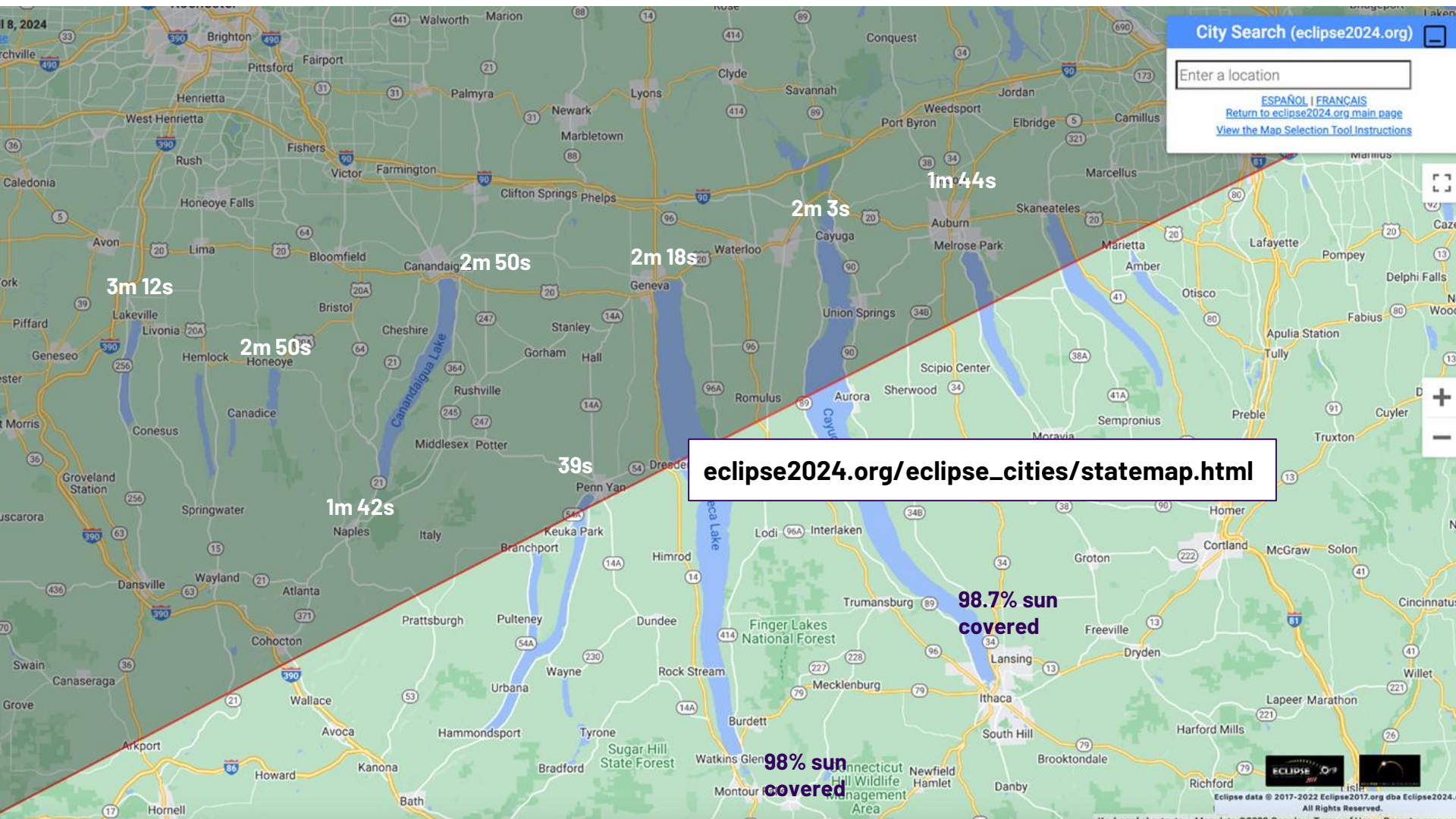


[www.iloveny.com/eclipse-2024/](http://www.iloveny.com/eclipse-2024/)



Enter a location

[ESPAÑOL](#) | [FRANÇAIS](#)  
[Return to eclipse2024.org main page](#)  
[View the Map Selection Tool Instructions](#)



3m 12s

2m 50s

1m 42s

2m 50s

39s

2m 18s

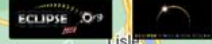
2m 3s

1m 44s

[eclipse2024.org/eclipse\\_cities/statemap.html](http://eclipse2024.org/eclipse_cities/statemap.html)

98.7% sun covered

98% sun covered





# April 8, 2024 - Total Eclipse of the Sun in Canandaigua!

**Begins: 2:07pm\***

**Totality: 3:20:50–3:23:41 pm\***

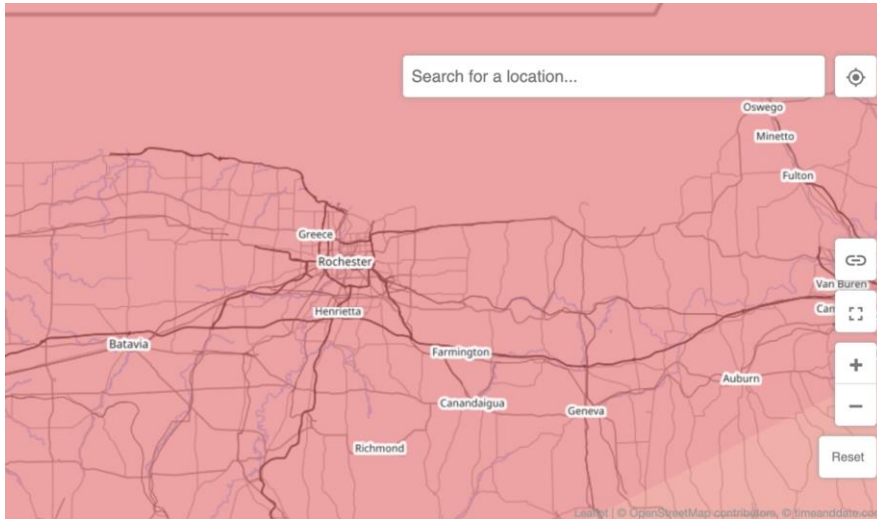
**(2 minutes 51 seconds)**

**Ends: 4:33pm\***

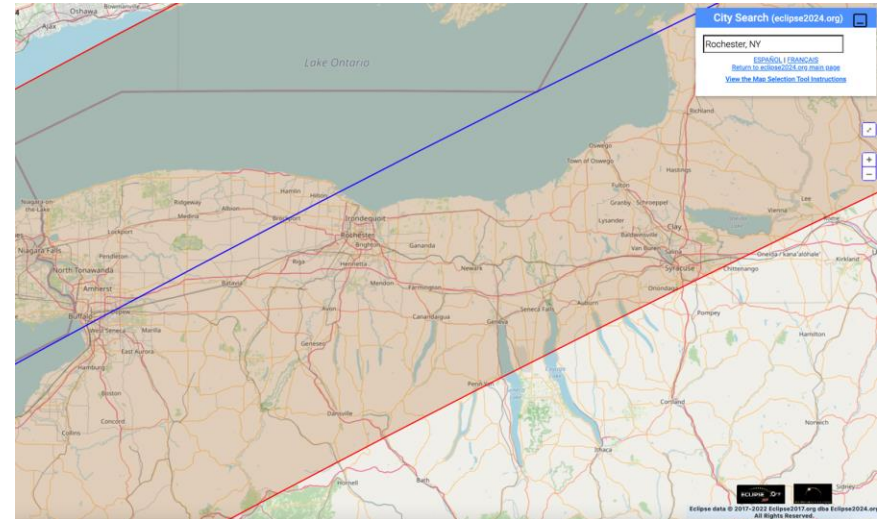
\*Zip 14424


# How to Find Length of Totality - Interactive Maps

[TimeAndDate.com](https://TimeAndDate.com)



[Eclipse2024.org](https://Eclipse2024.org)





# Total Solar Eclipse over New York

**April 8, 2024**

TIME OF TOTALITY

**3:20:48 pm EDT**

SPEED OF MOON'S SHADOW

**2,344 mph**

MAXIMUM DURATION OF TOTALITY

**3 min 44 sec**



[www.greatamericaneclipse.com](http://www.greatamericaneclipse.com)

**1806 Total Solar Eclipse - Included Rochester**

**June 16th, 1806**

**Last Total Solar Eclipse in Rochester & NYS**

**January 24, 1925**

**Last Total Solar Eclipse in United States**

**August 21, 2017**

**69.72% coverage of Sun**

## **1994 Annular Eclipse**

**May 10th, 1994**

89.07% coverage of Sun

Heavily remembered in Rochester

## **2021 Partial Eclipse**

**June 10th, 2021**

78.80% coverage of Sun

## **Next Total Solar Eclipse in US**

**August 12, 2045**

**(21 years from 2024 Eclipse)**

**50.34% of the Sun Covered**

## **Next Total Solar Eclipse in NYS**

**May 1, 2079**

**(55 years from 2024 Eclipse)**

# Next Total Solar Eclipse in Rochester

October 26, **2144**

(120 years from 2024 Eclipse)

Totality will only be 46 seconds

**EXPECTING CONSERVATIVELY  
375K-500K VISITORS TO GREATER  
ROCHESTER REGION  
4 MILLION NYS RESIDENTS IN PATH**



# Why Is It Important

- **Science**
  - Spark a passion for science, STEAM, and astronomy
  - Chance to study sun's corona from Earth
- **Tourism**
  - Past total solar eclipses in other cities have drawn hundreds of thousands, if not millions, of people. We expect the same turnout for NYS
- **Economy**
  - Potential to bring hundreds of millions of dollars of revenue to the area through eclipse-driven tourism and programming.
  - Industries including restaurants, media, and retail will all reap the benefits of an increased consumer base.
  - \$200 million expected.
- **Culture**
  - The eclipse will touch every part of our lives from music, art, TV, movies, current events, news, podcasts, and more!
- **Cultural and Spiritual**
  - For some cultures, eclipses can play a big part of their history and customs
- **Uniting All of Us**
  - Positive shared experienced after we all shared a negative experience
  - Think of the last time everyone experienced something positive
- **Different for everyone**

# Schools

- April 8th, 2024 is the Monday after what is typically Spring Break
- Don't want kids to miss experience due to being on bus
- Worried about kids getting stuck after totality
- Due to Task force efforts, school has been canceled that day for most of the schools in Greater Rochester Region
  - Local Spring Break will now lead into (and include) eclipse Monday

NATION NOW

## What will the solar eclipse mean for drivers? A coast-to-coast traffic nightmare

[Ashley May](#) USA TODAY

Published 3:45 p.m. ET Aug. 18, 2017 | Updated 3:53 p.m. ET Aug. 18, 2017



### Solar eclipse could be tricky for drivers

The Federal Highway Administration is calling the event one of the largest driver distractions in years. Video provided by Newsy Newslook

**NO KID SHOULD BE LEFT  
INSIDE!**

# Ways to Talk About Eclipse

- Moon block the sun from perspective of Earth
- Celestial Dance
- Personal perspective
  - Spiritual
  - Can feel like it's just the sun, moon, earth, and yourself during the eclipse
- Once-in-a-lifetime to observe it from our backyard
- If a baby was born on the day of the 2024 Total Solar Eclipse, their grandkid would experience the next Total Solar Eclipse in Rochester
- Positive Shared Experience
- Everyone under the sun is a stakeholder
  - Everyone under the moon too
- Not just about space, but about experiencing beauty

# How To Prepare

# Safety

## Eye Safety

You **MUST** wear Solar viewing Glasses (“Eclipse glasses”) to directly view the Sun and most of the eclipse.

- Sun glasses do **NOT** work.
- **Never look directly at the sun!**
- There are other methods to observe the eclipse while not looking at the sun (pinhole projectors, shadows)
- ISO 12312-2:2015
- Don’t look through a viewfinder on a camera
- **Counterfeit glasses from Amazon were problematic in 2017 and already for 2024**



2017 Total Solar Eclipse, AAS



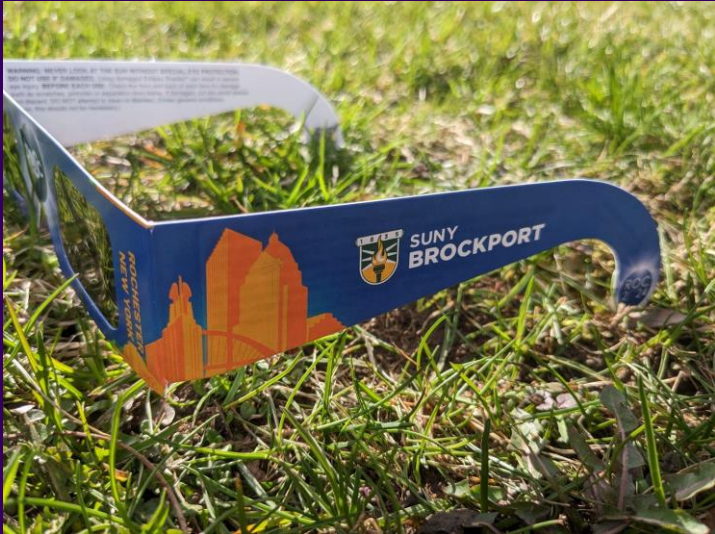
Partial Eclipse (Use Filter) | Total Eclipse (No Filter) | Partial Eclipse (Use Filter)

*A total solar eclipse is about as bright as the full Moon — and just as safe to look at. But the Sun at any other time is dangerously bright. View it only through special-purpose solar filters that comply with the transmission requirements of the ISO 12312-2 international standard for filters for direct viewing of the Sun.*



Partial Eclipse (Use Filter) | Annular Eclipse (Use Filter) | Partial Eclipse (Use Filter)

*Except during the total phase of a total solar eclipse, the Sun is dangerously bright. At all times during an annular or partial solar eclipse, or when no eclipse is occurring at all, view the Sun only through special-purpose solar filters that comply with the transmission requirements of the ISO 12312-2 standard.*





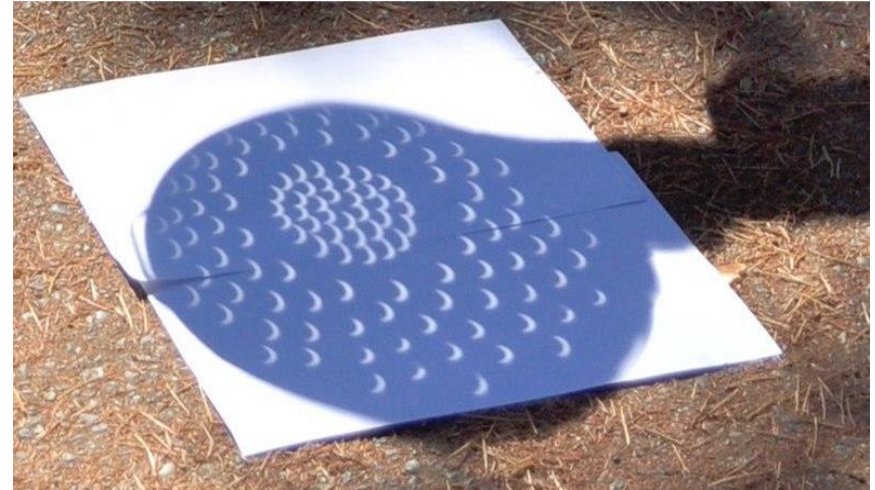
# Eclipse Safety Continued

It is safe and extraordinary to view an eclipse using proper techniques like:

- Pinhole viewers
- Colanders
- Ritz Crackers
- Shadows from Trees
- Projecting onto a surface
- Solar viewing glasses

## Ordering Glasses?

- Solar Eclipse Activities for Libraries (SEAL)
- [www.rainbowsymphony.com](http://www.rainbowsymphony.com)
- [www.thousandoaksoptical.com](http://www.thousandoaksoptical.com)
- [www.eclipseglasses.com](http://www.eclipseglasses.com)



Created by  
Mike Adriaansen of  
New York State Office  
of Parks, Recreation, &  
Historic Preservation



# Other safety considerations

- Mass gathering/crowds
- Closed streets and bridges (event related)
- Construction/Lane Closures
- Planned emergency routes for Police, Fire, EMS
- Unsafe driver behavior
  - Distracted driving
  - People stopping in travel lanes
  - Pulling over in non designated areas
- Overloaded cell towers impact on emergency communications
  - Use of COWs (Cell on Wheels)
- Weather/environmental related issues
  - Wind, heat, cold
  - Flooding
  - Mud related issues (cars and/or people stuck)
- **Misinformation will occur!**

# **DON'T USE SUN GLASSES!**



**SUNGLASSES DON'T PROTECT YOU DURING AN ECLIPSE!**

If you see someone using them, please tell them (kindly)



**Filters go on the END OF THE  
TELESCOPE/BINOCULARS - NOT AT THE EYEPIECE**

# Misconceptions & Common Questions

- What happens if it is cloudy? **It still happens no matter the weather.**
- Where can I get glasses? **RMSc, places listed on RochesterEclipse2024.org, & AAS trusted sites**
- What day of the week will it take place? **Monday**
- What is the best place to view the eclipse? **Just about anywhere in the 9-county region.**
- Will it be pitch dark? **Nope. More like an hour after sunset. Think dusk or a 360 sunset.**
- Are we in totality? **Yes**
- Didn't we just have a total solar eclipse a few years ago? **2017. Rochester was only partial.**
- Can I see planets? **Yes! Jupiter and Venus should be easy to see.**
- When was the last eclipse? **2017 in the US. 1925 for Rochester.**
- Do I have to worry about my dog/cat/pet looking up? **Nope. Animals don't usually look at the sun.**
- When people drive home, should they be wearing their eclipse glasses? **No. Only wear them when looking directly at the sun (except during totality).**
- How to take a photo? How about with a camera? **With solar filters. Recommend not taking a photo if this is your first eclipse.**

## Other Things You Will Hear a Lot Of

- Total Eclipse of the Heart - get used to it
- Fantastic stories on where people were during 2017
- Rent my house/AirBNB
- Concerns about traffic
- Some remembrance of the 1994 Annular Eclipse
- Excitement
  - Going to be beautiful!
- Doubt
  - How many people will attend
  - That it is worth seeing

# Tips for Run Your Own Eclipse Viewing Event!

- Have Solar Viewing Glasses available
- Turn off your automatic lights (building, parking lot, etc)
- Hands on-activities
  - Create your own pinhole viewer
  - Moon phase calendar
  - String art
  - Button Making
- Telescope with solar filter for viewing
- “Expert” to answer questions about the eclipse
- Facilities
- Speakers related to space
- Area dedicated to those photographing the eclipse
- Projectors/TVs to watch livestream of eclipse locations before Rochester
- **Backup plans for multiple weather possibilities**
- Space themed music playlist
- **Timekeeper to tell people when to take glasses off and put back on for totality**

**Think about the experience you personally want!**



**Remember that what you are doing is creating a temporary community. Your audience will remember that feeling for just as long as they remember the eclipse.**

**Try to make your event as fun as possible for the people attending who aren't interested in the eclipse.**

# Eclipse Swag & Merch

Sun/Moon/Earth themed items

Food and Beverage

- Moon Pies
- Sunny-D
- Oreos (recreate eclipse phases)
- Starburst
- Milky Way Bars
- Wine, Beer, Whisky, Kids drinks

Patches

Posters

Hats

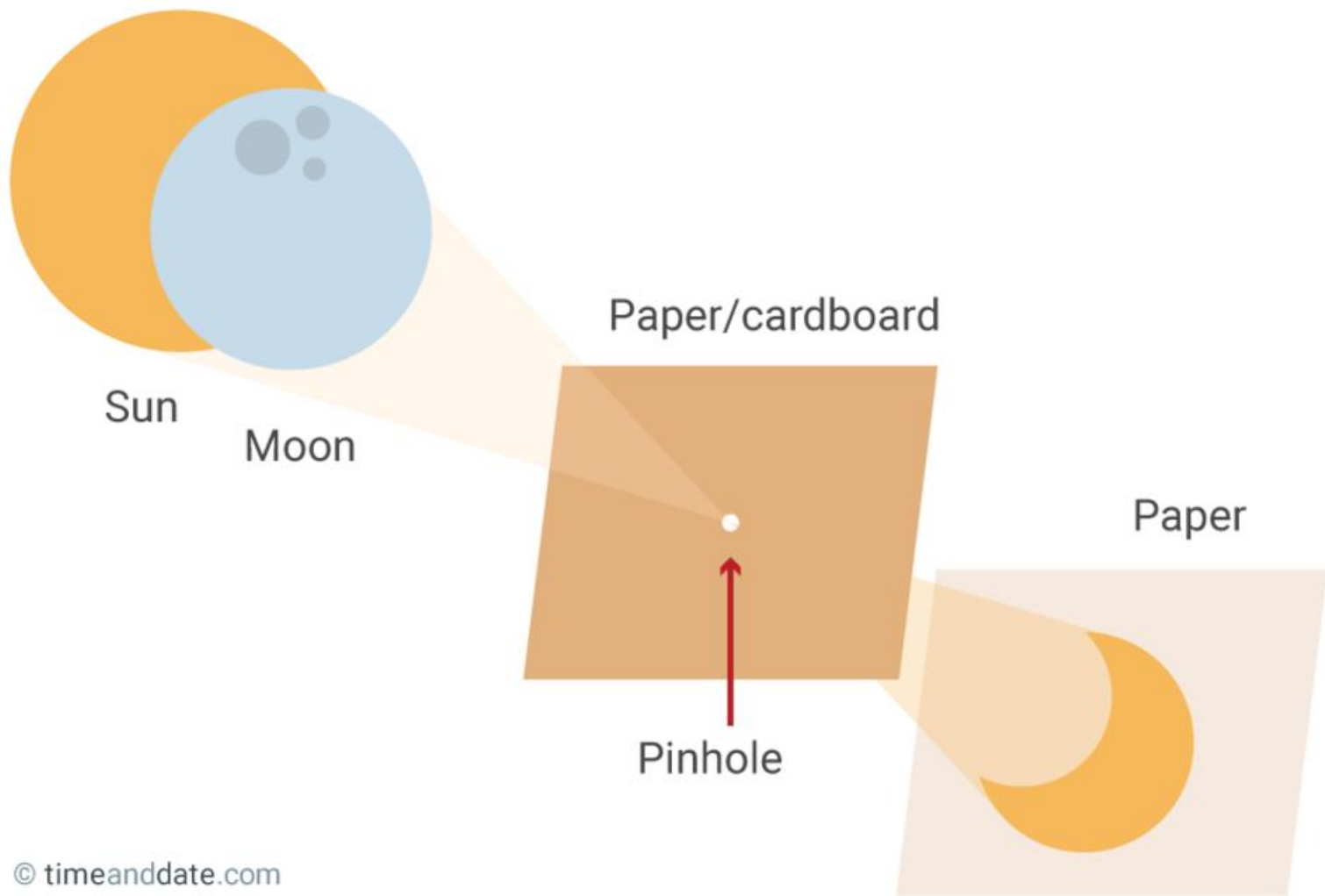
Patches

Jackets

Lean into the puns!



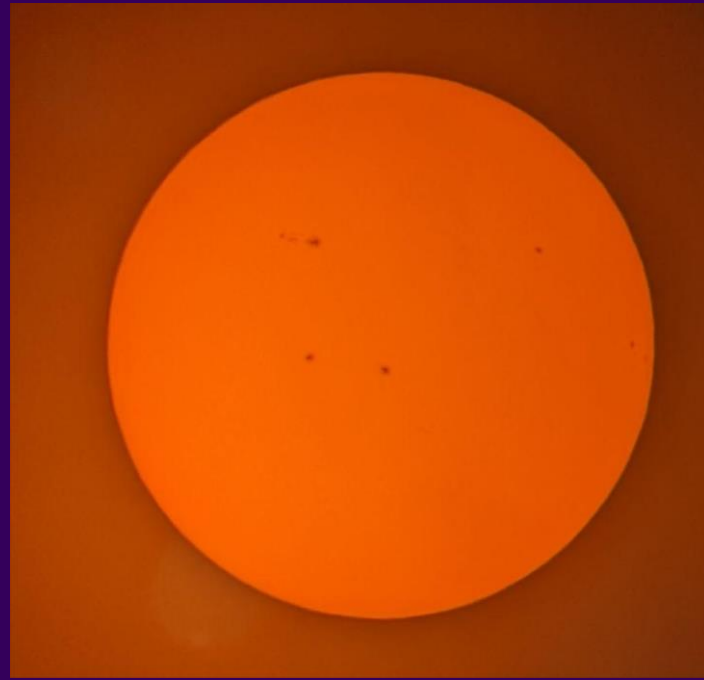
# ACTIVITIES





## Eclipse Chalk Art





**Solar Viewing**  
**\*Solar Filter Required**



# SEND A POSTCARD TO SPACE

Earth is finite. To protect our gem of a planet and enable a future of abundance and growth, Earth needs space. Write or draw your vision on a postcard for what you think the future of life in space will look like—or any other message you'd like to send to space. Send your postcard to Club for the Future, we'll launch it to space and back on a New Shepard rocket, and return it to you stamped "Flown to Space." Send us as many postcards as you'd like—we'll fly them all.

<https://www.clubforfuture.org/missions/>

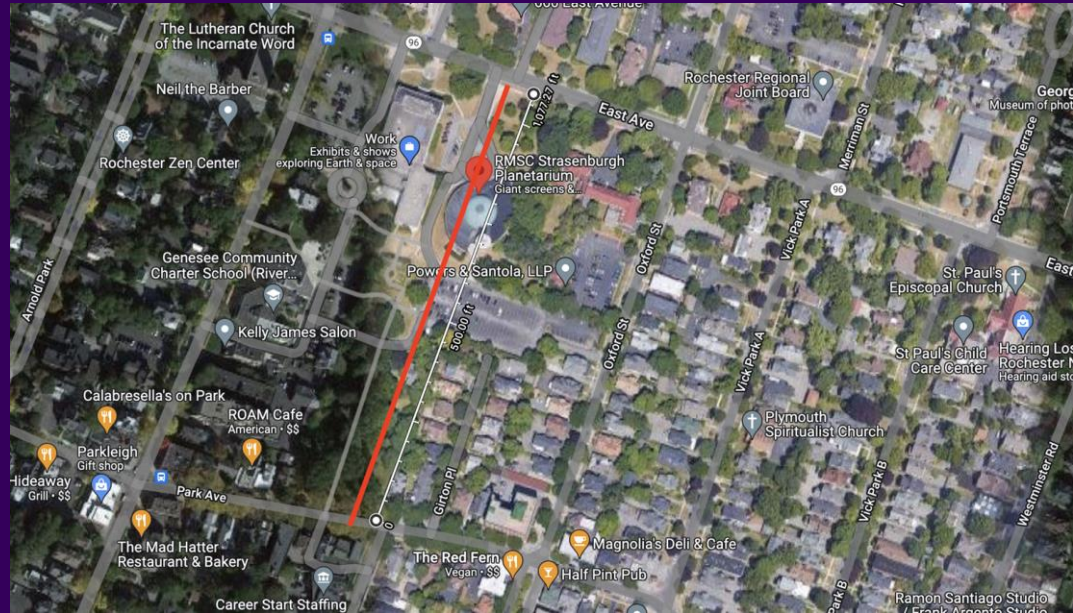


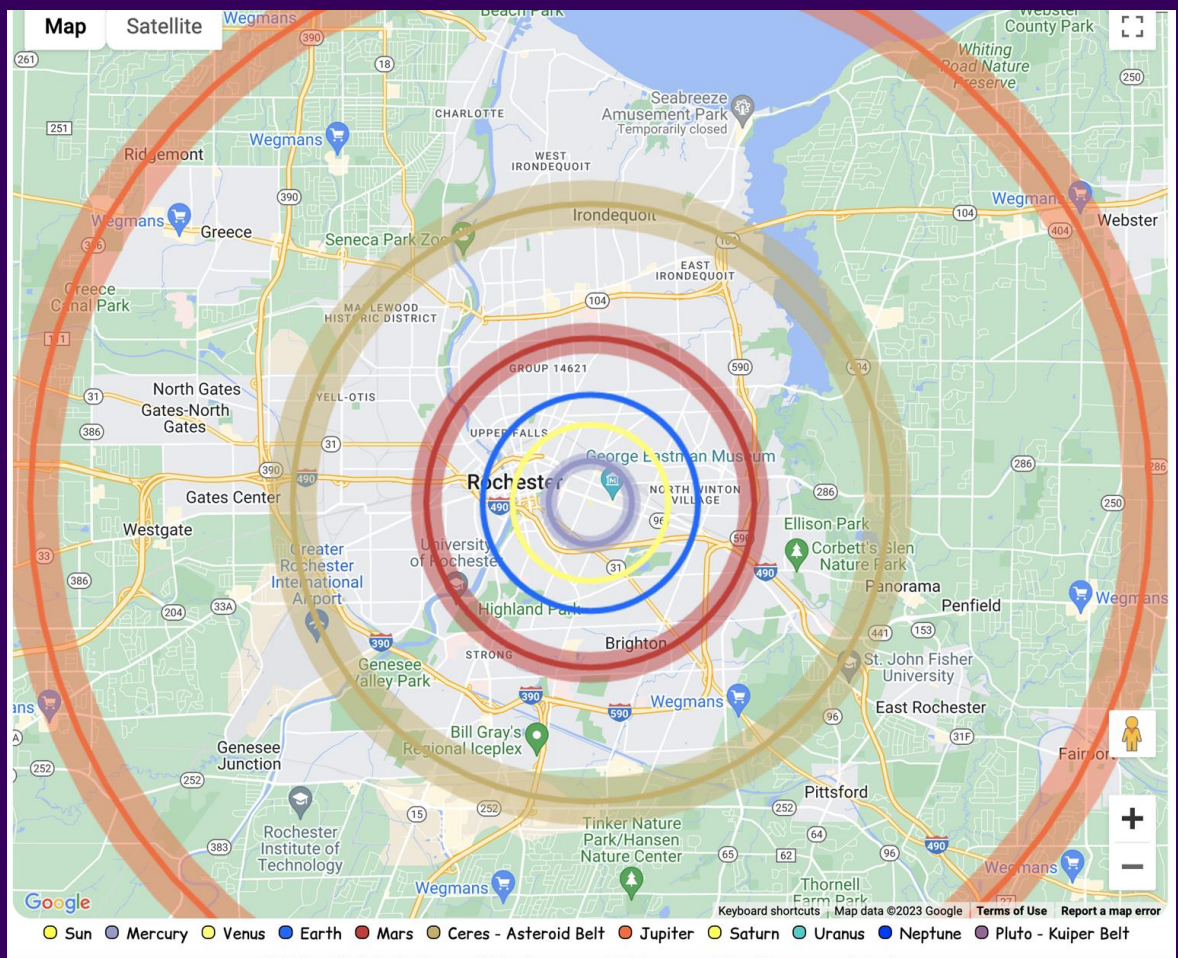
**HOW MANY WAYS CAN YOU  
EXPLAIN THE RELATIONSHIP  
BETWEEN THE SUN, MOON &  
EARTH?**



10ft Inflatable Sun  
 1 inch Earth  
 1/4 inch Moon

Sun to Earth: 1074ft  
 Earth to Moon: 3ft





<https://thinkzone.wlonk.com/SS/SolarSystemModel.php>

[Return to StarNET home page](#)

## Solar Eclipse Activities for Libraries (SEAL)

Two solar eclipses are coming to North America! An annular eclipse occurs on Saturday, October 14, 2023, and a total eclipse occurs on Monday, April 8, 2024.

It is time for librarians to prepare their patrons for the eclipses

With funding from the Gordon and Betty Moore Foundation, the Space Science Institute, through its **Solar Eclipse Activities for Libraries (SEAL) program is distributing five-million solar-viewing glasses to 10,000 libraries**, plus providing information and activities to share with library patrons. In addition, workshops for librarians are being held across the country to ensure library patrons can safely enjoy these spectacular celestial events.

Below are statistics showing how well we are doing and a map of participating libraries. If you scroll further down, you can see how you can be involved or get the latest information and activities regarding the eclipses.



<https://www.starnetlibraries.org/about/our-projects/solar-eclipse-activities-libraries-seal/>

# Activity Resources

- **NISENET**
  - <https://www.nisenet.org/solareclipse>
- **NASA**
  - <https://solarsystem.nasa.gov/eclipses/2024/apr-8-total/overview/>
- **American Astronomical Society**
  - <https://eclipse.aas.org/>
- **Astronomical Society of the Pacific**
  - <https://astrosociety.org/education-outreach/amateur-astronomers/eclipse-ambassadors/program.html>
- **Time And Date**
  - <https://www.timeanddate.com/eclipse/map/2024-april-8>
- **Instructables**
  - [www.instructables.com](http://www.instructables.com)



# Books Related to Eclipse

- “Totality: The Great American Eclipses of 2017 and 2024” - Mark Littmann & Fred Espenak
- “Sun Moon Earth: The History of Solar Eclipses from Omens of Doom to Einstein and Exoplanets” - Tyler Nordgren
- “American Eclipse” - David Baron
- “A Connecticut Yankee in King Arthur’s Court” - Mark Twain
- “Nightfall” - Isaac Asimov
- “Moon! Earth’s Best Friend” - Stacy McAnulty
- “ABCs of Space” - Chris Ferrie and Julia Kregenow



“Moon! Earth’s Best Friend” - Stacy McAnulty

# Pop Culture References

## TV

- The Simpsons - several times
- Sesame Street
- The Owl House
- Avatar: The Last Airbender
- Craig of the Creek
- Bill Nye

## YouTube

- Smarter Every Day
- NASA
- Science Communicators

## Music

- Total Eclipse of the Heart
- NASA has playlists on Spotify



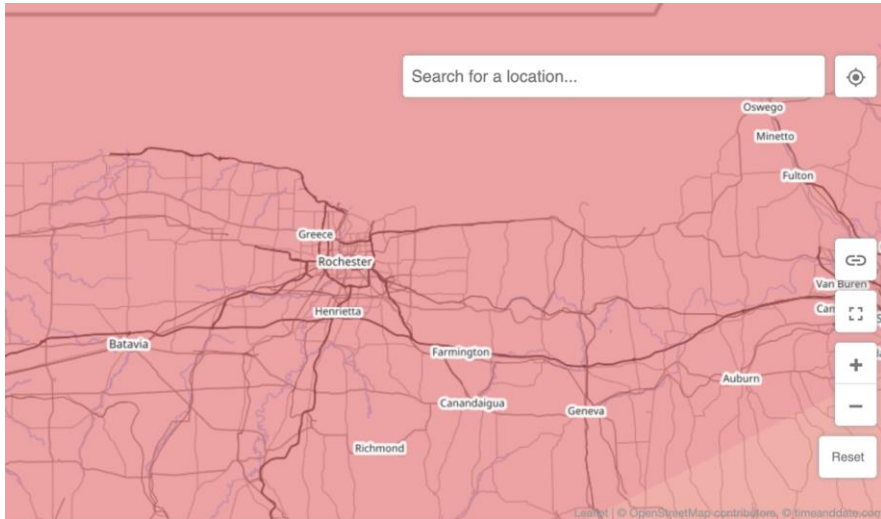
Marge vs. the Monorail - Season 4, Episode 12 of the Simpsons



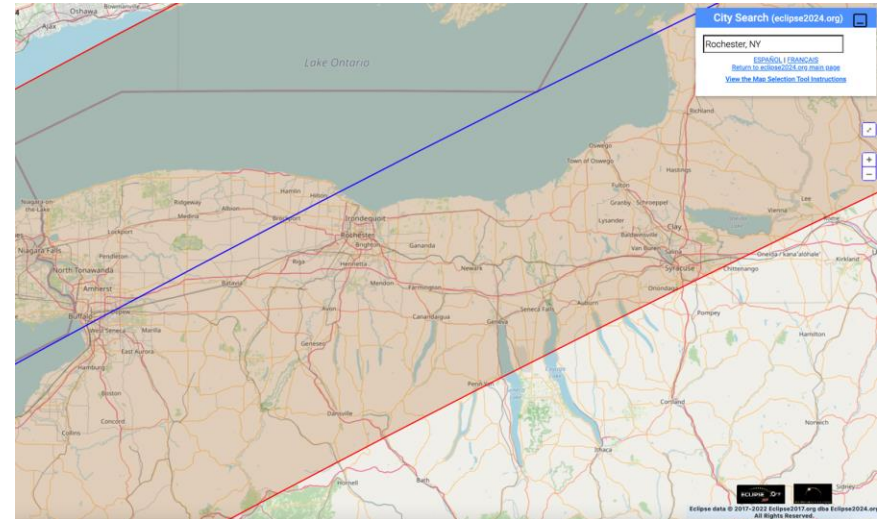
# TIPS FOR SCOUTING VIEWING LOCATIONS

# Interactive Maps

## [TimeAndDate.com](https://TimeAndDate.com)



## [Eclipse2024.org](https://Eclipse2024.org)



# Tips for Scouting Eclipse Viewing Locations

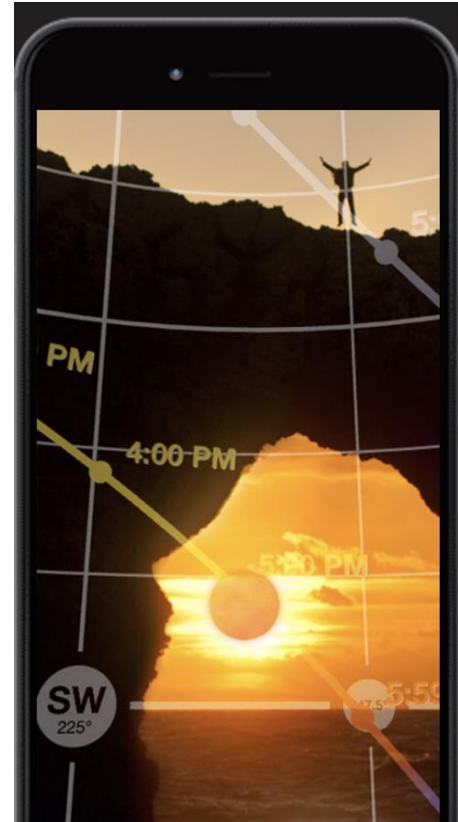
- Look South/South West about 45 degrees up
- Plan around sightlines:
  - Trees, buildings, construction equipment
  - Consider children and people sitting or using wheelchairs
  - Ability to get up and move
  - Accessibility (physical, emotional, social)
  - Facilities (bathrooms, food, parking, light pollution, areas for activities & photographers)

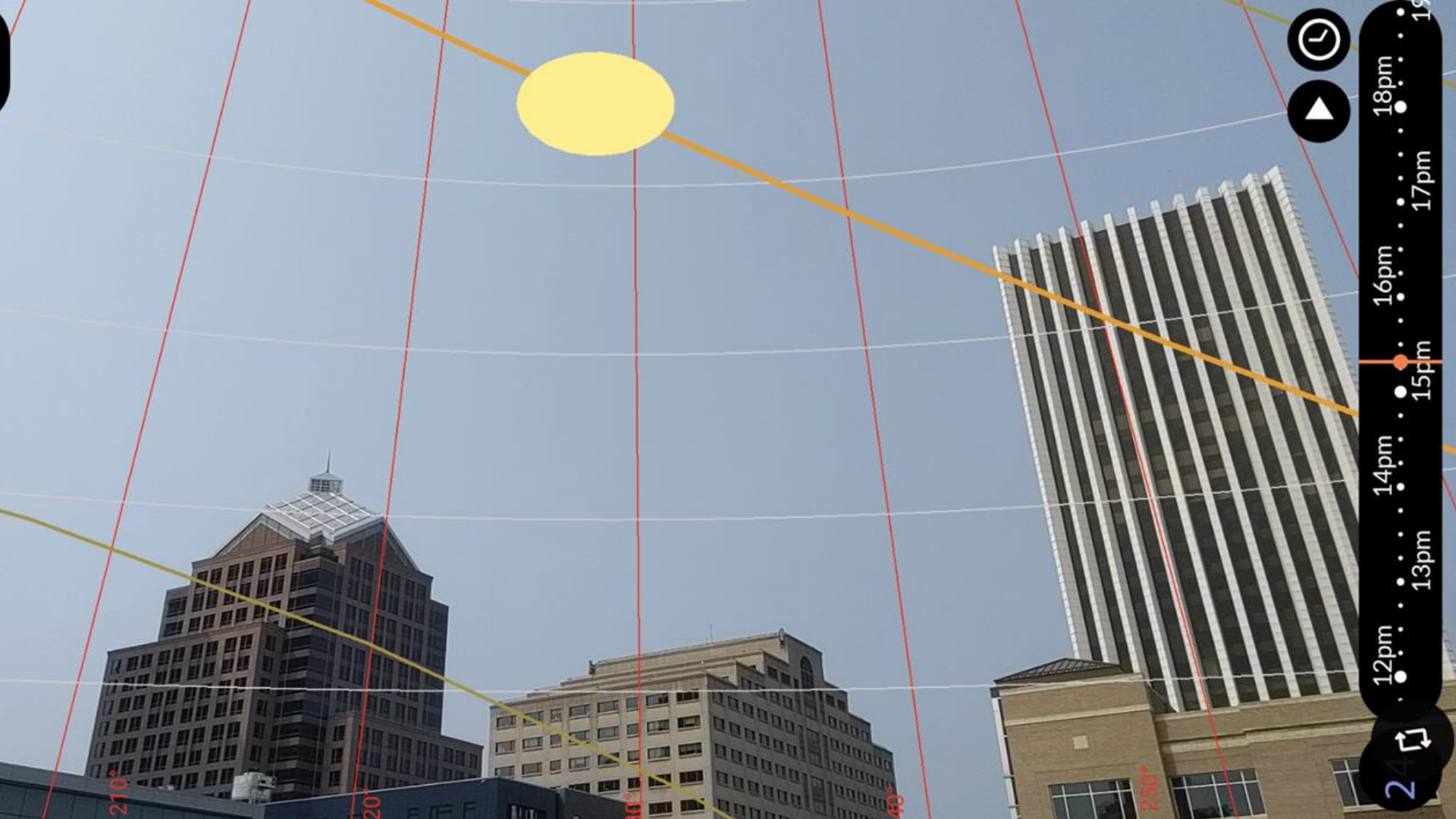


**DON'T LOOK DIRECTLY AT THE SUN!**

# AR APPS

- **Android**
  - Sun Locator Pro – you can set the time, and date, and get an augmented reality view
- **Apple**
  - Solar Watch – with an app upgrade, you can set the date and get an augmented reality view
- **Both**
  - PhotoPills – augmented reality app with additional map functions





19pm  
18pm  
17pm  
16pm  
15pm  
14pm  
13pm  
12pm

A square icon with a circular arrow, used to refresh or reset the simulation.

2

210°

20°

10°

40°

250°

## Consider Hosting Lead-Up Events

- Stargazing evenings
- Concerts with space music
- Glasses distribution events
- Fundraisers
- Eclipse themed tasting events
- Art contests
- Info sessions
- Movie nights (movies or tv shows that include eclipses in them)



# Eclipse Swag

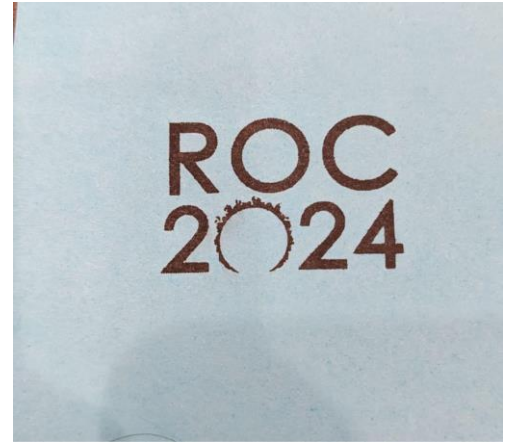
- Sun/Moon/Earth themed items
- Food
  - Moon Pies
  - Sunny-D
  - Oreos (recreate eclipse phases)
  - Starburst
  - Milky Way Bars
- Eclipse themed drinks
  - Wine, Beer, Whisky
- Swag
  - Patches
  - Posters
  - Hats
  - Stickers
  - Jackets



# MERCH THINGS TO CONSIDER

- **Lean into the puns!**
  - Can be space themed overall
- **Include:**
  - Total Solar Eclipse
  - YOUR LOCATION
  - April 8th, 2024
- **Design**
  - Play with sun and moon
  - Don't forget Earth
  - Don't mix up phases of the eclipse and phases of the moon - VERY Different
- **Timing - Make sure to get the timing/date/length correct**
- **Clothing - Plan for both cold and warm temperatures**
- **Who is your audience**
- **Where are you selling your product**
  - In person or online
  - What events to sell at
  - Save some for weekend before eclipse





# Rochester's Eclipse Poster

Created by Tyler Nordgren  
Ithaca Resident  
[www.tylernordgren.com](http://www.tylernordgren.com)



# SEE THE Finger Lakes Eclipse

**TOTALITY!**

**PARTIAL ECLIPSE**

GENESEO	3m 13s	TOTALITY	
LAKEVILLE	3m 12s	HEMLOCK	3m
HONEOYE	2m 52s	ANANDAIGUA	2m 52s
PENN YAN	35s	GENEVA	2m 22s
SENECA FALLS	2m 14s		
CAYUGA	2m 8s	AUBURN	1m 50s
SKANEATELES	1m 30s		

WHERE SUN & MOON ALIGN WITH YOU!


**APRIL 8, 2024**

Nordgren

Copyright SpaceArtTravelBureau.com 2023

MACEDON 3MIN 22SEC TOTALITY • MARION 3M 26S • NEWARK 3M 7S • ONTARIO 3M 35S

# WAYNE COUNTY



ARCADIA 3MIN 11SEC TOTALITY • BUTLER 3M 10S • CLYDE 3M • GALEN 2M 59S • HURON 3M 22S • LYONS 3M 4S

PALMYRA 3MIN 18SEC TOTALITY • RED CREEK 3M 16S • ROSE 3M 11S • SAVANNAH 2M 50S • SODUS 3M 30S

WOLCOTT 3MIN 17SEC TOTALITY • WILLIAMSON 3M 33S • WALWORTH 3M 28S • SODUS POINT 3M 30S

TOTAL SOLAR  
**ECLIPSE**  
APRIL 8, 2024

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206 06 19 14  
DAYS HRS MINS SECS

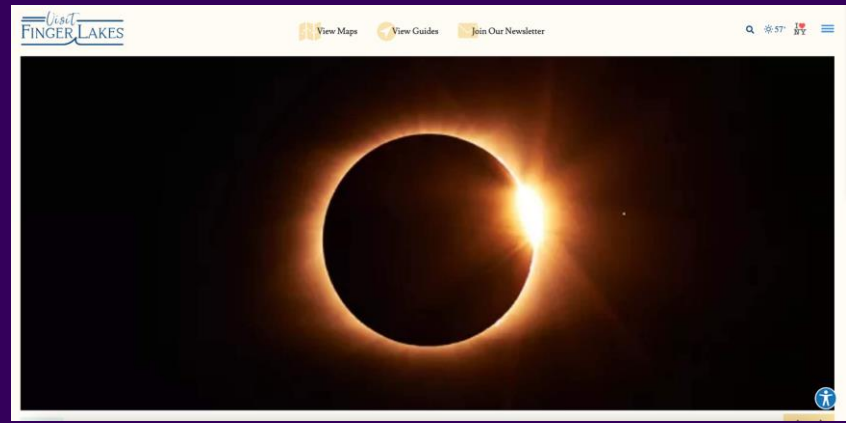
R O C H E S T E R  
**TOTAL SOLAR ECLIPSE**

APRIL 8<sup>TH</sup> 2024

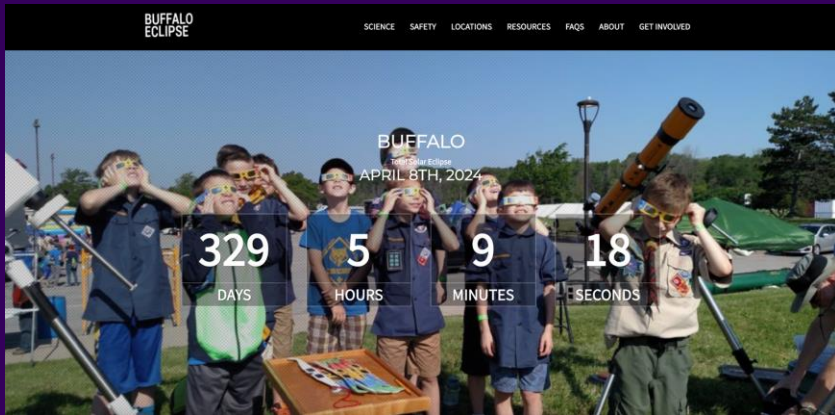
[rochestereclipse2024.org](https://rochestereclipse2024.org)



[iloveny.com/eclipse](https://iloveny.com/eclipse)



[visitfingerlakes.com/eclipse-2024/](https://visitfingerlakes.com/eclipse-2024/)



[buffaloecclipse.org](https://buffaloecclipse.org)



[visitlivco.com/livcosol/](https://visitlivco.com/livcosol/)



**WARNING!**  
DO NOT LOOK AT THE SUN  
THROUGH THIS TELESCOPE.  
PERMANENT EYE DAMAGE WILL  
RESULT FROM LOOKING AT THE  
SUN THROUGH ANY TELESCOPE!

**ODYSSEY 8**

**Save the Date**  
**Annular Solar Eclipse**  
**Saturday**  
**October 14th, 2023**  
**1:13 PM**

**A great opportunity to host  
events!**

# Rochester Eclipse Taskforce

Led by a core group 4 organizations:

**RMSC, Genesee Transportation Council, Visit Rochester, and Kids Out and About**

- Libraries
- Cultural organizations
- Wineries, Breweries, Distilleries
- Parks & Recreation (State, local)
- Restaurants
- Municipalities and Government orgs
- Artists
- Community Groups
- Colleges & Universities
- Event Organizers
- Service organizations



**Over 400 active stakeholders and growing**



- 1954
- (585) Magazine
- 21st Century Arts Inc., WOC Art Collaborative
- 540 West Main
- Abandon Brewing
- Airigami
- Al Sigi
- Allendale Columbia
- Aquinas Institute
- ASRAS
- Badfish Consulting / TEDx Rochester
- Baker August Consulting
- BE Innovations, LLC
- Birnbaum Companies
- Blue Cross Arena
- BOCES 4 Science
- Break the Ice Media
- Bristol Mountain
- Brockport Central Schools Superintendent
- Buffalo Museum of Science
- C&S Companies / NYS Fair
- Canandaigua Airport
- Casalarga
- Catalyst Consulting
- CCE Monroe County 4-H
- Central Library of Rochester & Monroe County
- City of Rochester
- City of Rochester / Sister Cities
- Common Ground Health
- Corn Hill Navigation / The Sam Patch
- Courtyard Rochester Downtown
- Delta Airlines
- Dream Finders, Inc.
- Dresden PR
- DS&MG
- Eastman Community Music School
- Empire Space
- I LOVE NY
- Imaginee Photography
- Insi8
- Irondequoit HS
- Jay Advertising
- Kids Out and About
- Laughing Gull Chocolates
- Leclair Communications LLC
- Letchworth Gateway Villages
- Lollypop Farm, Humane Society of Greater Rochester
- Long Acre Farms
- Longacre Farms
- MagnusApollo Design
- Maker Faire Rochester
- Martz-Kohl Observatory
- MCC Optics
- McQuaid Jesuit
- Memorial Art Gallery
- Mendon Public Library
- Meowchickenfish
- Monroe Community College
- Monroe County
- Monroe County
- Monroe County – Greater Rochester Int'l Airport
- Monroe County Department of Environmental Services
- Monroe County Library & Rochester Public Library
- Monroe County Parks
- Monroe County Sherrifs Office
- NASA Goddard Space Flight Center
- NASA/ADNET
- National Weather Service
- Nature Conservancy, Central & Western New York Chapter
- Nazareth College
- New York State Brewers Association
- Rochester Red Wings
- Rochester Sister Cities Committee
- Roclife LLC
- ROCtheCitywithHope
- Rolling Meadows Designs
- RRPC and NY Photonics Cluster
- Sager Beer Works
- Salinas Restaurant / NOX
- Schick Enterprises
- Scout and Cellar & Doc Popcorn
- Scouts
- Seneca Park Zoo
- Shawn Dunwoody
- Shawn Gee
- Socha Consulting
- Spencerport Central Schools
- St. John Fisher
- St. John Fisher College
- Stamp Paints
- Stamper Technology
- Stokoe Farms
- Summitt Federal Credit Union
- SUNY Brockport
- SUNY Empire State College
- SUNY Geneseo
- SUNY Geneseo – Center for Integrative Learning
- SUNY Geneseo – Math
- SUNY Geneseo – School of Business
- SUNY Research Foundation
- Teaching Artists of Rochester
- Teen Empowerment
- Tennis Club of Rochester
- Terra Science Fair
- The Autism Nature Trail at Letchworth State Park
- The Greater Rochester Area Partnership for the Elderly (GRAPE)
- The Harley School
- EMS, Fire, Police
- ES & ES Enterprises LLC
- Eutierria Wellness
- Fairport OCED
- Fairport Partnership
- Finger Lakes Community College
- Finger Lakes Instrumentation
- Finger Lakes Regional STEM Hub
- Finger Lakes Tourism Alliance
- Finger Lakes Visitor's Connection
- FIRST Robotics – Penfield
- Five By Five Music
- Floreano Convention Center
- Flower City Arts Center
- Friends of Ganondagan
- Ganondagan
- Genesee Country Village & Museum
- Genesee County & GLOW Workforce Development Board
- Genesee Transportation Council
- Genesee Valley Greenway State Park
- George Eastman Museum
- Geva Theatre Center
- Golisano Autism Center / Autism Up
- GRASA – Greater Rochester After School Alliance
- Greater Rochester Chamber of Commerce
- Greater Rochester Enterprise
- Greater Southern Tier BOCES
- Greece Central School District
- Helen Barrett Montgomery School #50
- Humphrey Nature Center at Letchworth State Park
- Nickerson LLC
- NYS Dept of Environmental Conservation
- NYSCATE
- Ontario County IDA
- Optimax
- REI
- RG&E
- RMSC
- RMSC Board
- RMSC Council
- Roberts Wesleyan College
- Roc 2025
- ROC Brewing Co.
- Roc City Coalition
- RocGrowth
- Rochester A-List / ROCConnoisseur
- Rochester Academy of Science – Astronomy Section
- Rochester Accessible Adventures
- Rochester Brainery
- Rochester City Ballet
- Rochester City School District
- Rochester Contemporary Art Center
- Rochester Film Festival
- Rochester Institute of Technology
- Rochester Institute of Technology – Photography Department
- Rochester Institute of Technology – Delta Environmental
- Rochester Institute of Technology – Museum Studies
- Rochester Institute of Technology – Saunders College of Business
- Rochester Latino Theatre Company
- Rochester Philharmonic Orchestra
- Rochester Public Library
- Rochester Public Market
- The Humane Society of Rochester
- The Nature Conservancy
- The Penthouse at One East Avenue
- The Strong
- ThinkOut
- Tipping Point Communications
- Tommyrotter Distillery
- Town of York Historical Society
- Uber Eats
- United Way
- University of Rochester
- University of Rochester – Buildings & Grounds
- University of Rochester – Institute of Optics
- University of Rochester Medical Center
- UR Medicine Golisano Children's Hospital
- Vanishing Sun
- VeRacity VRcade
- Vertical Insite
- Visit Finger Lakes
- Visit Rochester
- Watkins Glen Chamber of Commerce
- Wayne County Tourism
- Webster School District
- Western NY Astronomy FB Group
- Whitworth Ferguson Planetarium
- Wickham Farms
- WICSD
- Willow Domestic Violence Center/ Finger Lakes Community College
- WXXI
- Wyoming County Chamber of Commerce & Tourism
- XLR8
- Yale School of Management

**NEXT MEETING  
SEPT 21, 2023, 4PM  
IN-PERSON & ZOOM**

**Zoom:  
[bit.ly/ROCEclipseSept23](https://bit.ly/ROCEclipseSept23)**

**In Person:  
[bit.ly/ROCEclipseSept23InPerson](https://bit.ly/ROCEclipseSept23InPerson)**







**AstroFringe: A Celestial Stargazing Experience with RMSC**  
**September 22nd & 23rd @ Parcel 5**  
[rochesterfringe.com/tickets-and-shows/astrofringe](https://rochesterfringe.com/tickets-and-shows/astrofringe)

# Stay Informed!

## Follow us on Social:



Rochester Eclipse 2024



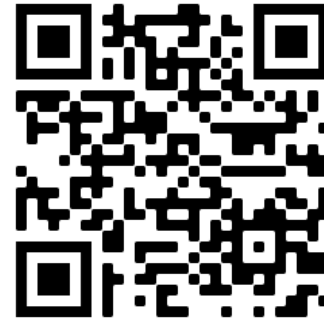
ROCSolarEclipse



rocsolareclipse

**#RocEclipse2024**

## Sign up for our Newsletter



# Questions?

**Contact:**

**Dan Schneiderman: [dschneiderman@rmsc.org](mailto:dschneiderman@rmsc.org)**