

# AAS 2024 Eclipse Taskforce

21-22 Oct 2022

Rochester, NY

*Preparing for...*

## The Opening Act!

*Saturday, 14 October, 2023*

## The Main Event!

*Monday, 8 April, 2024*



# Legal Stuff

The statements made herein reflect the best effort of Dan McGlaun, the presenter of this presentation (the “Presenter”) to offer in good faith, suggestions for event planners and scientists in organizing, planning, educating, and otherwise hosting eclipse-viewing activities for the annular solar eclipse of October 14, 2023 and the total solar eclipse of 8 April 2024 (collectively, the “Events”); these statements are intended to be anecdotal rather than consultative, based on the Presenter’s actual experience in having successfully observed a large number of solar eclipses. The Presenter, and eclipse2024.org, along with their sponsors, business partners, vendors and suppliers, and heirs and assigns, cannot be held liable for weather, or for actions of any third party, and will therefore not accept responsibility for personal injury, property damage, lost revenue or any other damage or alleged damage, resulting from the actions or inactions of any person or organization with regard to the Events. Persons participating in the Events are advised that this participation, as well as planning for the Events (including the acquisition of knowledge through this presentation or from the Presenter at any time) requires that they agree to hold harmless both the Presenter and Eclipse2024.org, and their sponsors, vendors and suppliers, heirs and assigns, from any and all legal action and/or claim for damages of any kind, which result or are alleged to result from such participation and/or preparation.

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Presented by

**Dan McGlaun**

*Indianapolis IN, USA*



**Seat Belts ON!**

# Eclipse2024.org

All the features from Eclipse2017.org, plus "MUCH MORE FOR '24"!



Everything is available in English, Spanish and French.

Detailed eclipse information for :  
Educators • Local Governments • General Public  
Eclipse Chasers • Media • Chambers of Commerce



Eclipse2024.org has all the standard eclipse education and eye safety information, PLUS these unique features:



## ECLIPSE VIEWING INFORMATION

### Eclipse viewing blogs

- Available for 75 major regions along the path
- Answers the questions "Where? When? What? How?"
- Eye safety
- Travel considerations
- Select local viewing locations
- Interactive map showing eclipse times and phases

The perfect place for everyone to plan eclipse viewing!

[eclipse2024.org/viewing-blogs/?lang=en](https://eclipse2024.org/viewing-blogs/?lang=en)



## ECLIPSE SIMULATOR

### Incredibly realistic eclipse simulation

- Shows the 2023 / 2024 eclipses from any location
- Realistic prominences and chromosphere
- Full-disk Baily's Beads (generated with LRO data)
- Sun / Moon outlines • Stars and Planets
- Sunrise / Sunset effects • Eye Safety warning
- Library of foregrounds and coronas
- Many other realistic details!  
(Contact Dan for a personal tour of all the features)

\* 2023 Annular-Total eclipse now also available! \*

[eclipse2024.org/eclipse-simulator/?lang=en](https://eclipse2024.org/eclipse-simulator/?lang=en)



## ECLIPSE SIMULATION VIDEOS

### The easiest way to preview the eclipse!

- Extracted from the Eclipse Simulator
- >2,200 cities in North and Central America!
- 2023 and 2024 eclipses are included
- Now available for viewing on YouTube

Eclipse sequence videos are available for official use by Educators / Tourism / Government / Media (Attribution requested)

- Search directly in YouTube -OR- Visit the Eclipse2024.org video landing page
- Searchable city list / Detailed selection map

[eclipse2024.org/eclipsevideos/video.html?lang=en](https://eclipse2024.org/eclipsevideos/video.html?lang=en)



## ECLIPSE VIEWING INSTRUCTIONS

### Simple eclipse viewing instruction booklet

- Great resource for everyone
- FREE to download and use
- Perfect for eclipse outreach
- Easy-to-understand style
- Accurate and detailed
- Available in English, French and Spanish

[eclipse2024.org/instructions/translations/English.pdf](https://eclipse2024.org/instructions/translations/English.pdf)



## LOCAL ECLIPSE CIRCUMSTANCES

### Collection of location-specific eclipse information

Celebrating the eclipse viewing experience of EVERY locality in North America!

- Complete 2023 and 2024 eclipse circumstances
- >140,000 cities in North / Central / South America
- Links to maps, blog posts, simulator, videos and community information.

[eclipse2024.org/eclipse\\_cities/?lang=en](https://eclipse2024.org/eclipse_cities/?lang=en)  
[eclipse2024.org/2023eclipse/eclipse\\_cities/?lang=en](https://eclipse2024.org/2023eclipse/eclipse_cities/?lang=en)



## COMMUNITY PAGES

### FREE resources for official community plans

- ALL 140,000 communities have a community page!
- Back by popular demand from 2017
- Communities can host eclipse-weekend plans COMPLETELY FREE!
- 2023 and 2024 eclipse sections
- NOT just for cities in the path!

[eclipse2024.org/communities/?lang=en](https://eclipse2024.org/communities/?lang=en)  
[eclipse2024.org/2023eclipse/communities/?lang=en](https://eclipse2024.org/2023eclipse/communities/?lang=en)

All of the above resources are summarized for your community in one convenient location! Visit [EclipseResources.Solar](https://EclipseResources.Solar) to find YOUR community's information and resources!

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



# User Experience

Another **TOTAL ECLIPSE**  
is coming to **North America!**

It's the **Great North American Eclipse!**  
**...and we want everyone to see it!**

Your use of this site is contingent on your understanding and agreement that you will comply with all the rules and protocols for [eye safety](#) when observing any solar phenomenon.



**Latest News:**

Preview the 2023 and 2024 eclipses using our [Eclipse Simulator!](#)



[Eclipse Simulator](#)

[Simulation Videos](#)

[Info for YOUR city](#)

[Eclipse Glasses](#)

[Viewing Blogs](#)

[Learn About Eclipses](#)

[Admin](#)

## Another total eclipse is coming to North America!

We have all the information you need, right here at [eclipse2024.org!](#)

When is the next eclipse over North America? Monday, April 8, 2024 is the big date, and [eclipse2024.org](#) is dedicated to providing you with all the information you need to watch the 2024 eclipse safely!

On [eclipse2024.org](#), you'll find detailed eclipse timings, eclipse viewing information for every city in North America, and (coming soon!) the fantastic [eclipse2024.org](#) eclipse simulator to show you exactly what the eclipse will look like from any location!

We also have educational information on eclipses (from very simple all the way to VERY technical!), as well as all-important eye safety and eclipse viewing instructions! It's all about bringing you ALL the eclipse planning information you need, so you can watch the 2024 total solar eclipse safely on April 8, 2024!

To find the content you want, simply follow the icons below.

And we're updating the site all the time! So please plan to visit often, for the latest updates, information, and news about the 2024 total solar eclipse - The Great North American Eclipse!

Start your eclipse journey here! Use the links below to navigate to the content you want!



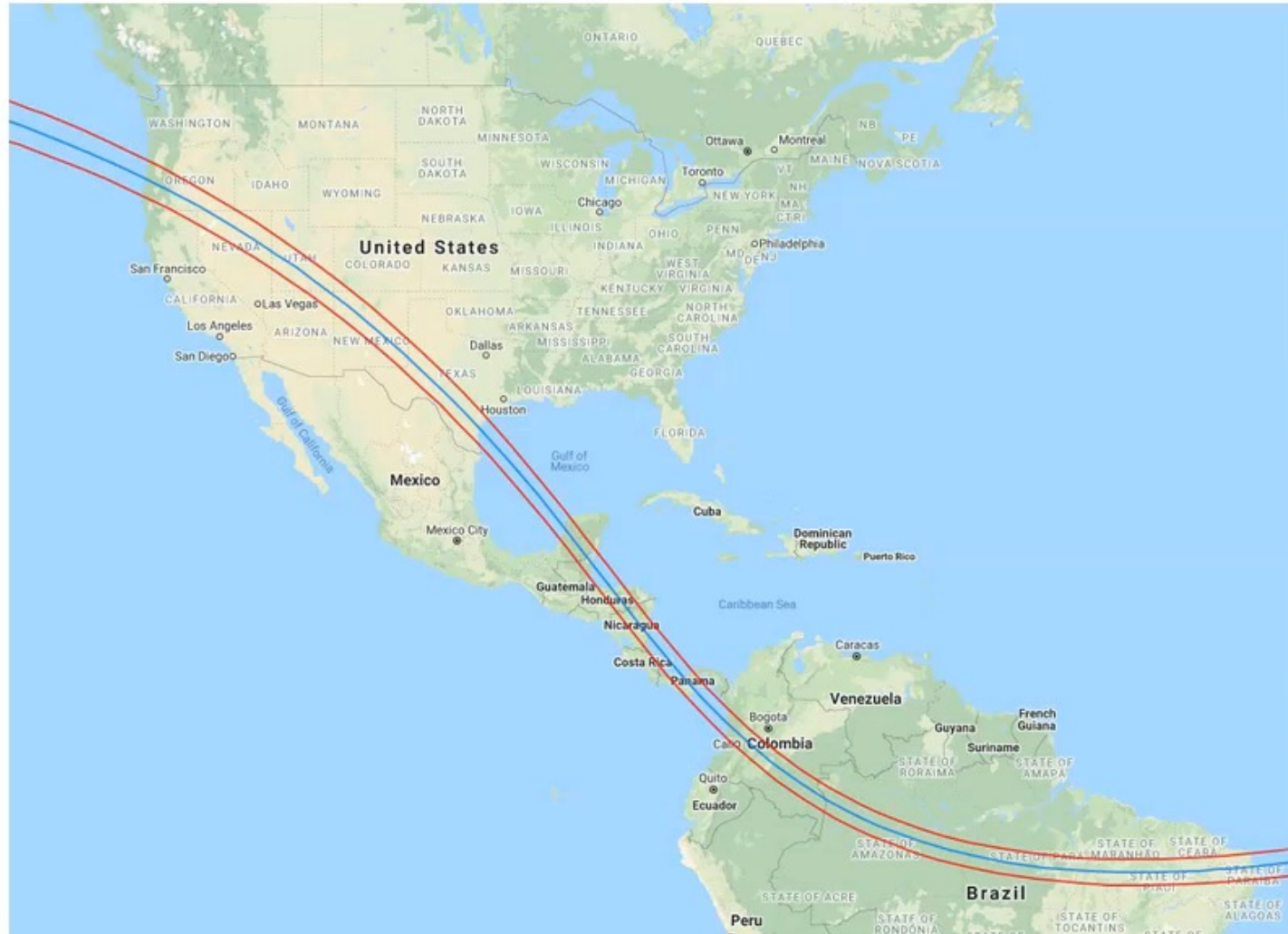


# An annular eclipse is coming to the Western Hemisphere in 2023!

Eclipse2024.org is bringing you all the information you need to enjoy this eclipse safely!

**NOTE:** You must use [ISO certified eye protection](#) AT ALL TIMES, to watch an annular eclipse safely!

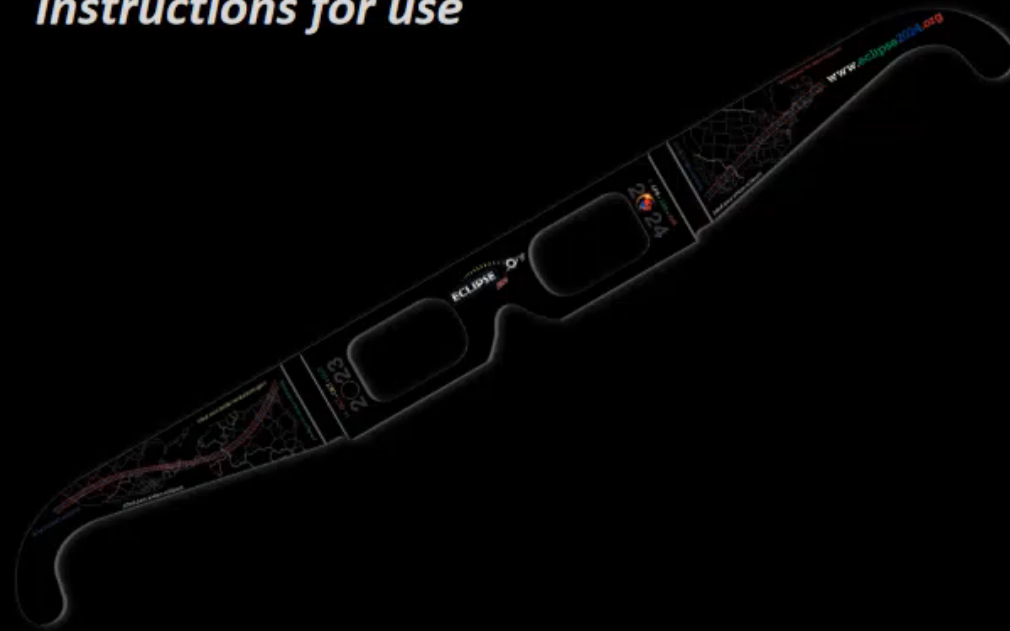
(See our [Eclipse Eye Safety pages](#) for more information.)



# Education Eye Safety

# Eclipse Glasses

*Instructions for use*



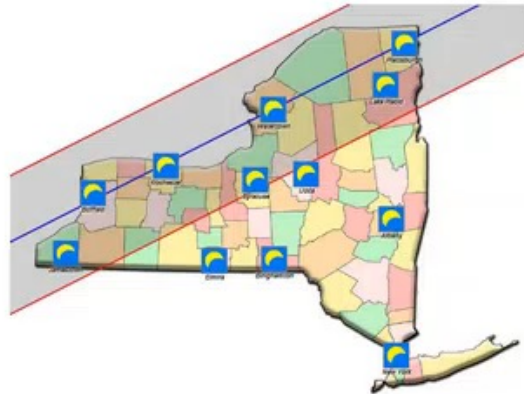
Solar Eclipses



# City Pages

[Home](#) » [2024 Eclipse information for every city and town](#) » [New York](#)

## 2024 Eclipse Information for cities in New York



[See the 2024 eclipse state animation for New York](#)

These cities in New York will be in the [path of totality for the 2024 total solar eclipse!](#)

We've gathered detailed eclipse information for cities in New York, to help you plan your eclipse day viewing activities. Everything is summarized in the table(s) below. You can search for a city by typing a couple of letters of the city's name into the search box. Once you get a table that lists all the possible cities, you can click on an individual city name to visit that city's dedicated 2024 eclipse page.

On the city page, you'll find an overview animation of the 2024 eclipse, as well as links to weather, the [eclipse Community Page](#), and the fantastic [2024 eclipse simulator](#) - ALL created specifically for that individual city.

It's all about bringing YOU the most detailed, accurate eclipse information possible - as you prepare to watch the Great North American Eclipse on April 8, 2024!

# Community Pages

# Information on the 2024 total solar eclipse for every community!

Official 2024 eclipse-day viewing information for every city and town in North America!

If your location has OFFICIAL (non-commercial!) public eclipse viewing plans for eclipse day, here is a place for you to advertise those plans FREE!

Many communities and organizations have recognized the importance of the 2024 eclipse, and are actively making preparations to host thousands of local, national, and international guests!

If you are an official of a community which is sponsoring an eclipse event, we will help you promote your event ABSOLUTELY FREE on eclipse2024.org! (If we left your town out, [please let us know](#) so we can add it!) If you'd like to add information to your community's page, then sign up and begin using the links we've set up for that purpose!

Anything you like can be placed on your Community Page; the intent is to drive traffic to official viewing areas... that is, to YOUR town!!

(Please understand that this is not a forum for commercial ventures, and that we can only receive input for the Community Pages from bona fide officials of each community! That's why it's free!)

## USA

[Alabama](#)

[Alaska](#)

[Arizona](#)

[Arkansas](#)

[California](#)

[Colorado](#)

[Connecticut](#)

[Delaware](#)

[District of Columbia](#)

[Florida](#)

[Georgia](#)

[Hawai'i](#)

[Idaho](#)

[Illinois](#)

[Indiana](#)

[Iowa](#)

[Kansas](#)

[Kentucky](#)

[Louisiana](#)

[Maine](#)

[Maryland](#)

[Massachusetts](#)

[Michigan](#)

[Minnesota](#)

[Mississippi](#)

[Missouri](#)

[Montana](#)

[Nebraska](#)

[Nevada](#)

[New Hampshire](#)

[New Jersey](#)

[New Mexico](#)

[New York](#)

[North Carolina](#)

[North Dakota](#)

[Ohio](#)

[Oklahoma](#)

[Oregon](#)

[Pennsylvania](#)

[Puerto Rico](#)

[Rhode Island](#)

[South Carolina](#)

[South Dakota](#)

[Tennessee](#)

[Texas](#)

[Utah](#)

[Vermont](#)

[Virgin Islands](#)

[Virginia](#)

[Washington](#)

[West Virginia](#)

[Wisconsin](#)

[Wyoming](#)

## Canada

[Alberta](#)

[British Columbia](#)

[Newfoundland and  
Labrador](#)

[Northwest Territories](#)

[Nunavut](#)

[Ontario](#)

[Quebec](#)

[Saskatchewan](#)

# Eclipse Animation





*A rough animation of what the 2024 eclipse will look like from Rochester.  
(In this view, the top of the frame is always "up", toward the highest point in the sky.)*

[What will the 2024 eclipse look like from Rochester?](#)

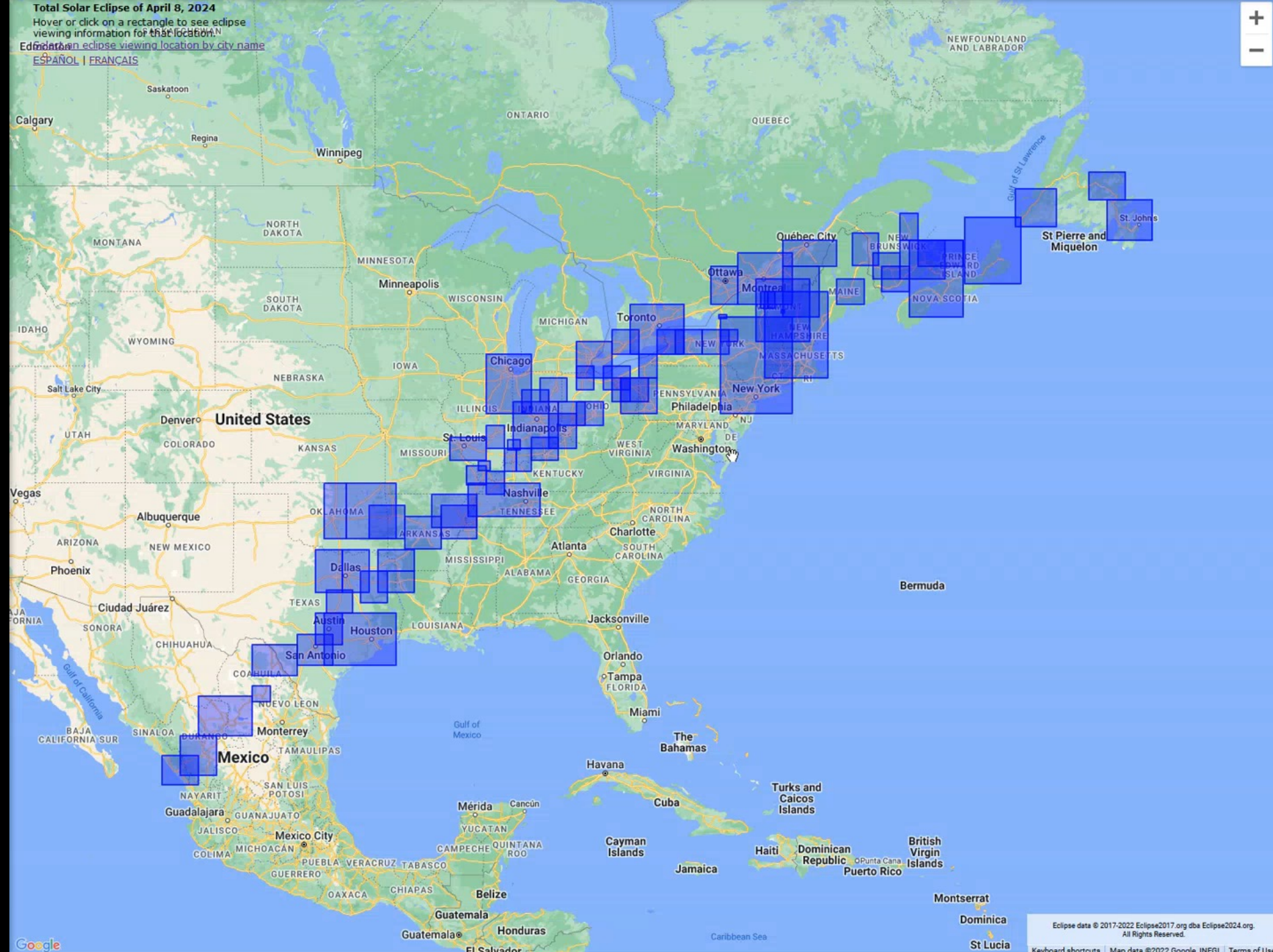
# Eclipse Viewing Blogs

# Total Solar Eclipse of April 8, 2024

Hover or click on a rectangle to see eclipse viewing information for that location.

Find an eclipse viewing location by city name

[ESPAÑOL](#) | [FRANÇAIS](#)



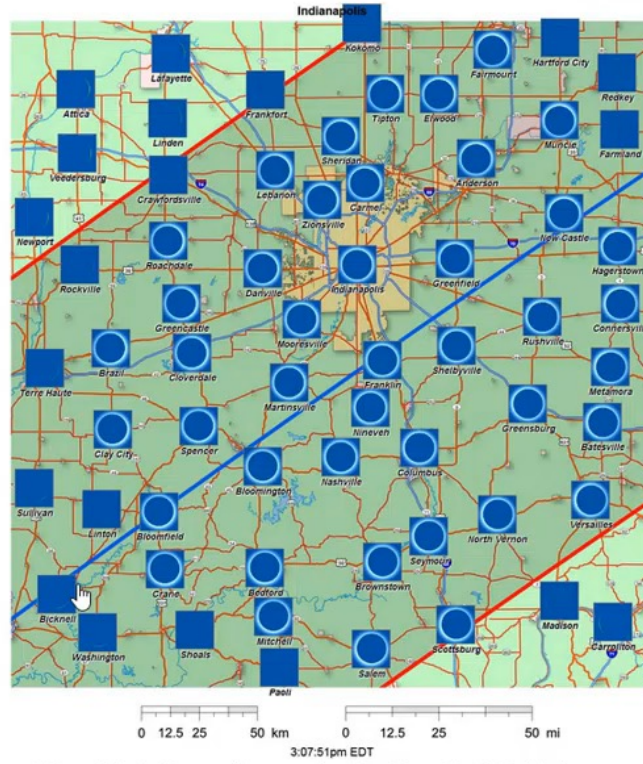
## Indianapolis, Indiana, USA

What will the 2024 total solar eclipse look like?

**Click on the interactive maps below!**

They will show you roughly when the eclipse will be happening.

Exact details for MANY more locations are available on our 2024 eclipse cities pages.



Map of the Indianapolis area, showing the path of totality in gray.

### Indianapolis detail



# Eclipse Simulator

# What will the 2023 solar eclipse look like? What will the 2024 solar eclipse look like?

Find out with the FANTASTIC Eclipse Simulator  
from [Eclipse2024.org](#) and [EclipseSimulator.Solar](#)



[Watch the 2024 total eclipse](#)

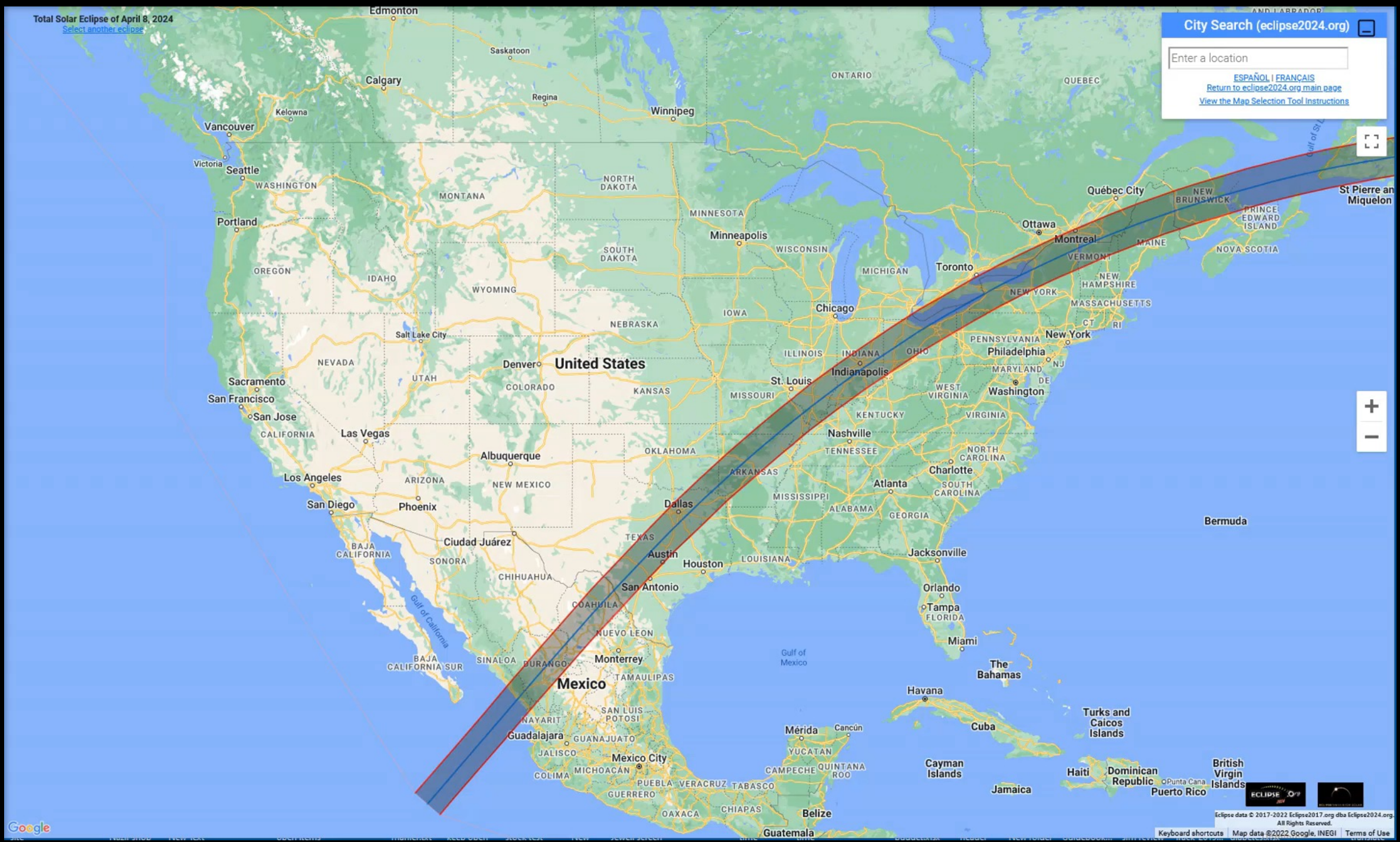
We've built a great tool for previewing the Great North American Eclipse of April 8, 2024 and many other eclipses as well! We're sharing it all with you here, for free!



[The 2024 Eclipse](#)

Enter a location

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



# Eclipse Videos



# THE 2024 SOLAR ECLIPSE



TOTALITY!

The Total Solar Eclipse  
of April 8, 2024

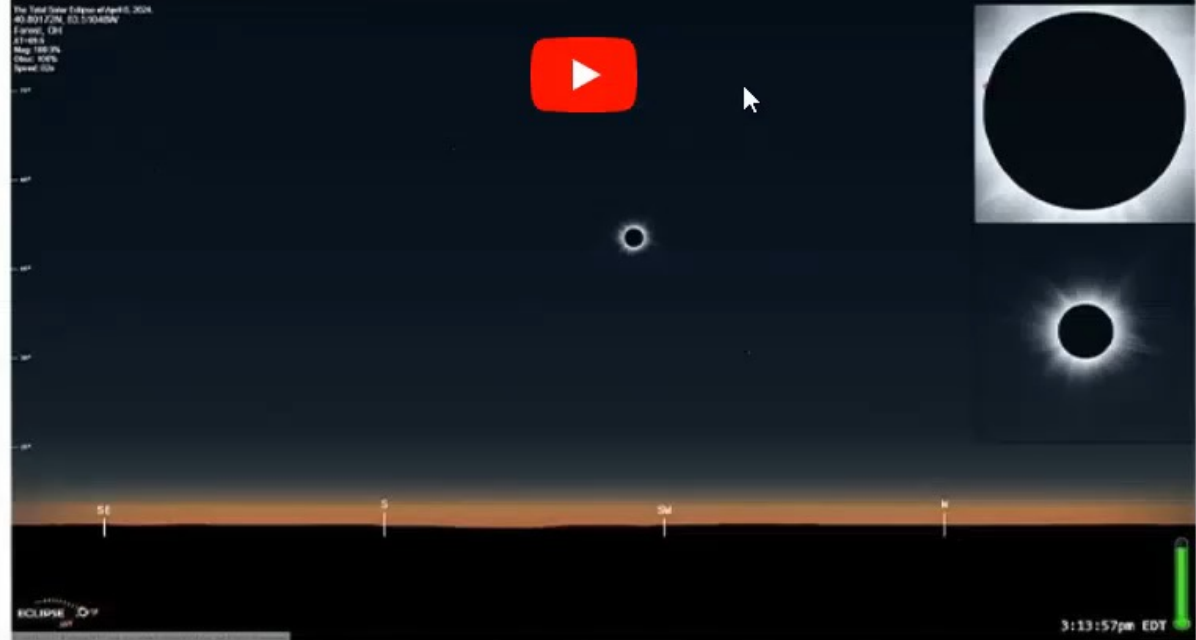
as seen from

Forest  
Ohio, USA

40.80172° N 83.51048° W  
(40° 48' 6.2" N 83° 30' 37.7" W)

Eclipse Video

The Total Solar Eclipse of April 8, 2024  
40.80172° N 83.51048° W  
Forest, OH  
AT 08:53  
Mag: 10.76  
Obs: 100%  
Speed: 0.5x



...from Forest!



ECLIPSE  
2024  
Org

Eclipse2024.org



ECLIPSE SIMULATOR.SOLAR

What will it look like?

# Eclipse Resources

## Community Resources Pages

for the 2023 Annular Eclipse and the 2024 Total Eclipse




from Eclipse2024.org

Don't have the link to YOUR city's page? Want to see a different city's page?

Select a state or province from the lists below to select a city from the map:

**But please note that the map may take several seconds to load!**

### United States

 <a href="#">Alabama</a>	 <a href="#">Louisiana</a>	 <a href="#">Oklahoma</a>
 <a href="#">Alaska</a>	 <a href="#">Maine</a>	 <a href="#">Oregon</a>
 <a href="#">Arizona</a>	 <a href="#">Maryland</a>	 <a href="#">Pennsylvania</a>
 <a href="#">Arkansas</a>	 <a href="#">Massachusetts</a>	 <a href="#">Puerto Rico</a>
 <a href="#">California</a>	 <a href="#">Michigan</a>	 <a href="#">Rhode Island</a>
 <a href="#">Colorado</a>	 <a href="#">Minnesota</a>	 <a href="#">South Carolina</a>
 <a href="#">Connecticut</a>	 <a href="#">Mississippi</a>	 <a href="#">South Dakota</a>
 <a href="#">Delaware</a>	 <a href="#">Missouri</a>	 <a href="#">Tennessee</a>
 <a href="#">D.C.</a>	 <a href="#">Montana</a>	 <a href="#">Texas</a>
 <a href="#">Florida</a>	 <a href="#">Nebraska</a>	 <a href="#">Utah</a>
 <a href="#">Georgia</a>	 <a href="#">Nevada</a>	 <a href="#">Vermont</a>
 <a href="#">Hawai'i</a>	 <a href="#">New Hampshire</a>	 <a href="#">Virgin Islands</a>
 <a href="#">Idaho</a>	 <a href="#">New Jersey</a>	 <a href="#">Virginia</a>
 <a href="#">Illinois</a>	 <a href="#">New Mexico</a>	 <a href="#">Washington</a>
 <a href="#">Indiana</a>	 <a href="#">New York</a>	 <a href="#">West Virginia</a>



The best part?

**It's all FREE!**

**Get a private tour!**

**dan@eclipse2024.org**

**Eclipse2024.org**

**EclipseSimulator.Solar**

**EclipseResources.Solar**

**Videos.Eclipse2024.org**