

## Eclipse 2024 Resources

- **Indiana University School of Optometry (IUSO)**
  - IUSO brochures and resources available for download and sharing
    - <https://optometry.iu.edu/2024-eclipse/index.html>
  - Interviews with additional eclipse and eye safety information
    - <https://news.iu.edu/live/news/31934-ask-the-expert-protecting-your-eyes-during-a-solar>
    - <https://www.idsnews.com/article/2024/03/how-to-keep-your-eyes-safe-viewing-april-solar-eclipse>
- **Indiana Optometric Association (IOA)**
  - <https://www.ioa.org/index.php>
    - IOA brochures available for download and eclipse viewers for purchase
- **American Optometric Association (AOA)**
  - <https://www.aoa.org/healthy-eyes/caring-for-your-eyes/solar-eclipses?sso=y>
- **American Astronomical Society (AAS)**
  - <https://eclipse.aas.org/>
    - General information on eye safety
      - <https://eclipse.aas.org/eye-safety>
    - List of reputable vendors for handheld filters as well as aperture filters designed for telescopes/binoculars/camera lenses
      - <https://eclipse.aas.org/resources/solar-filters>
    - How to make a pinhole projector or sun funnel for indirect viewing
      - <https://eclipse.aas.org/eye-safety/projection>
    - How to tell if your eclipse viewers are safe?
      - <https://eclipse.aas.org/eye-safety/iso-certification>
    - AAS press release on 3/11/2024: Warnings and Reassurances on Eclipse Glasses
      - <https://aas.org/press/american-astronomical-society-offers-warnings-reassurances-eclipse-glasses>
    - AAS press release on 3/22/2024: Counterfeit and Fake Eclipse Glasses
      - <https://aas.org/press/american-astronomical-society-warns-counterfeit-fake-eclipse-glasses>
    - Totality app for iPhone and android (free)
      - <https://eclipse.aas.org/totality>
      - Interactive map that shows you what you'll see at any location in the Americas for the April 8 total solar eclipse
- **National Aeronautics and Space Administration (NASA)**
  - <https://science.nasa.gov/eclipses/>
  - Interactive map to determine your location, time, and duration of the eclipse and totality
    - <https://science.nasa.gov/learn/heat/resource/interactive-map-2024-solar-eclipse-across-the-us/>
      - Example: Bloomington: <https://eclipse2024.org/eclipse-cities/city/13651.html>
      - Example: Indianapolis: <https://eclipse2024.org/eclipse-cities/city/14121.html>
  - NASA Goddard YouTube channel
    - <https://www.youtube.com/watch?v=XKnJ9C36rTE>
    - This video shows how to check if the eclipse viewers are unsafe

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- **Other eclipse organizations: Eclipse 2024**
  - <https://eclipse2024.org/>
  - Map of the entire path of totality starting from Mexico and ending in Canada
    - <https://eclipse2024.org/path-north-america.html>
- **Other eclipse organizations: Great American Eclipse**
  - <https://www.greatamericaneclipse.com/april-8-2024>
  - Smart phone app (Solar Snap)
    - <https://www.greatamericaneclipse.com/eclipse-viewing/solar-snap-eclipse-app-kit-mzc5x>
- **Indiana University**
  - <https://eclipse.iu.edu/index.html>
- **Indiana University Department of Astronomy**
  - <https://astro.indiana.edu/outreach/kirkwood-solar-lab.html>
    - Live stream of the total solar eclipse will be available on the day of pending weather conditions, follow on Twitter @iuastro
  - <https://astro.indiana.edu/outreach/solar-eclipse/index.html>
    - Recorded eclipse workshop videos for community organizations
- **Indiana University Center of Rural Engagement**
  - <https://rural.indiana.edu/impact/arts-and-culture/eclipse/index.html>
    - Total Solar Eclipse Planning Toolkit and help you and your community prepare
- **Indiana University College of Arts and Sciences**
  - **Food for Thought Livestream Series**
    - <https://college.indiana.edu/alumni-giving/food-for-thought.html>
    - Live and recorded webinars regarding the solar eclipse given by experts in astronomy, optometry, history, folklore, animal behavior, and photography
  - **Science Fest** (April 6<sup>th</sup> 2024 from 9am-3pm)
    - <https://sciencefest.indiana.edu/>
    - Public event on the Bloomington campus & FREE eclipse viewers to the public!
    - Activities fun for the whole family!
    - Come learn about the impact of solar eclipses have on all life, the science behind them, and how to safely enjoy a most unusual day!
- **Monroe County Public Library**
  - <https://mcpl.info/eclipse>
    - Local eclipse events for all ages and FREE eclipse viewers to the public!
- **WonderLab**
  - <https://wonderlab.org/2024-solar-eclipse/>
    - Solar filters available for purchase

## Eclipse 2024 Resources

- **Indiana Department of Natural Resources**
  - <https://www.in.gov/dnr/places-to-go/events/2024-solar-eclipse/>
- **Indiana Department of Homeland Security**
  - <https://www.in.gov/dhs/solar-eclipse-2024/>
- **In consideration of children and the elderly**
  - This DIY guide to make a solar viewing mask with eclipse glasses can provide added protection especially for children and the elderly who may have trouble wearing the eclipse glasses securely or holding it in place for periods of time
  - This makes it much harder to accidentally look outside the filters at the sun
    - <https://myasadata.larc.nasa.gov/lesson-plans/solar-eclipse-safety-activity>
- **Tips for shooting solar eclipse images and videos**
  - AAS guide to shooting images and videos of the eclipse
    - <https://eclipse.aas.org/imaging-video/images-videos>
  - Smart phone photography
    - <https://eclipse2017.nasa.gov/smartphone-photography-eclipse>
  - Exposure calculator
    - [http://xjubier.free.fr/en/site\\_pages/SolarEclipseExposure.html](http://xjubier.free.fr/en/site_pages/SolarEclipseExposure.html)
  - Automated eclipse photography
    - <http://www.moonglowtechnologies.com/products/EclipseOrchestrator/index.shtml>
  - How to Photograph the Solar Eclipse by Alan Dyer (\$10.99)
    - <https://www.amazingsky.com/EclipseBook>