

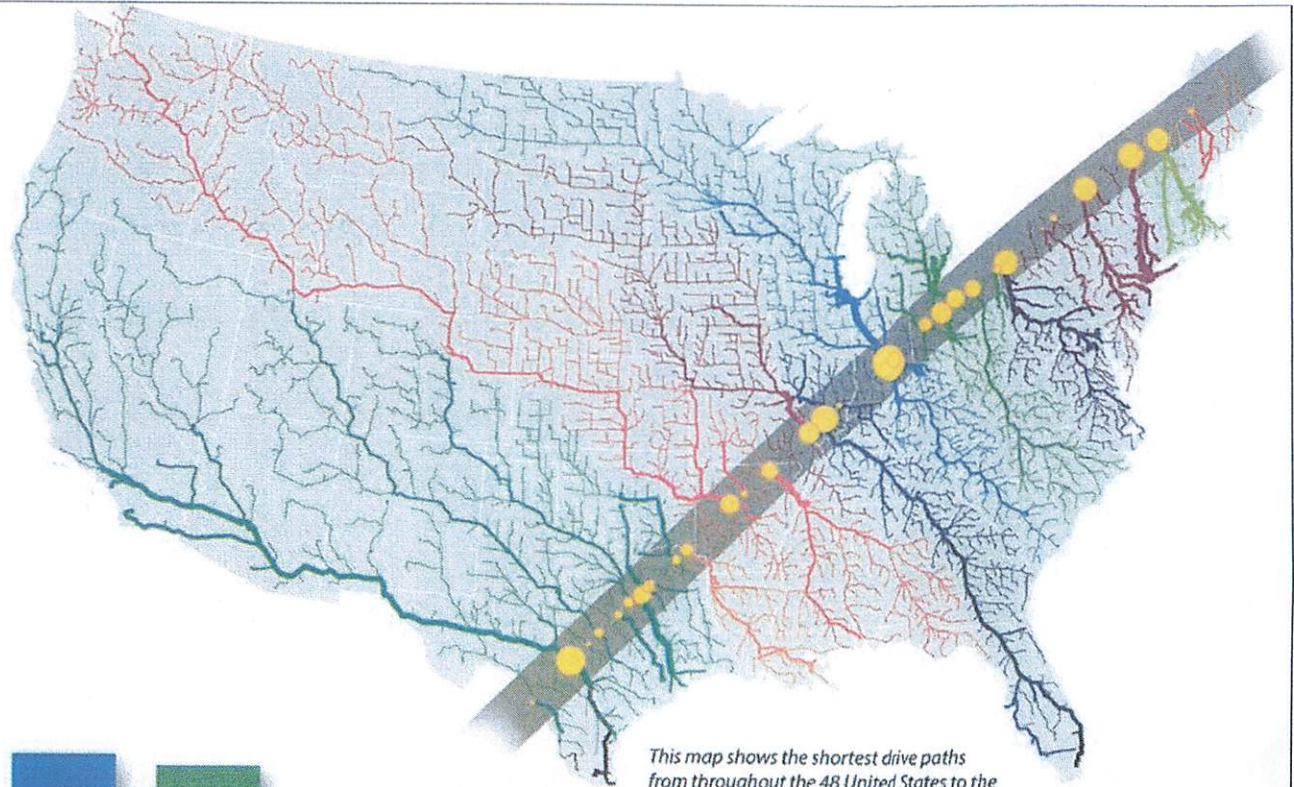
Eclipse Visitation Model Predicts One to Four Million Americans Will Travel to the Path of Totality

A total solar eclipse crosses North America from Mazatlan to Newfoundland on April 8, 2024.

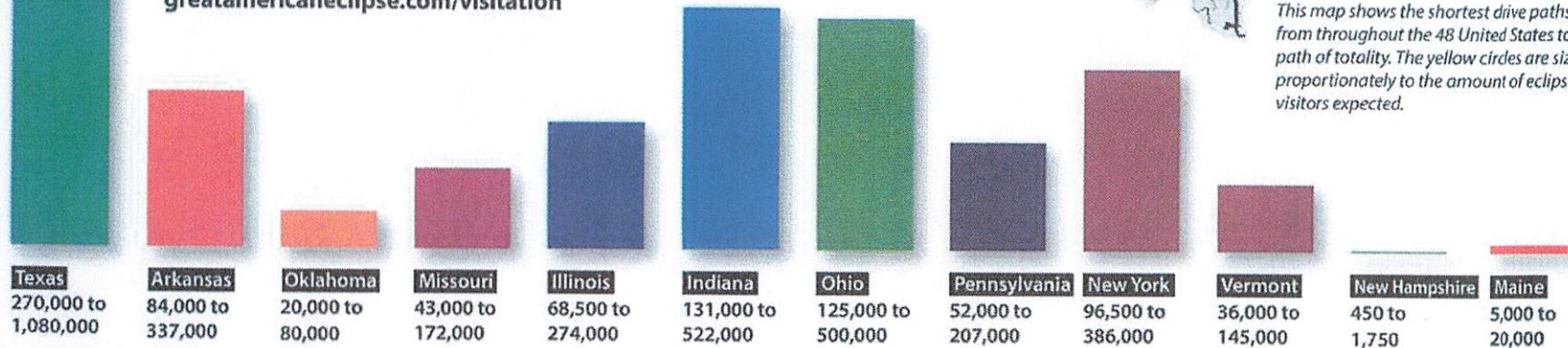
We built an eclipse visitation model using ArcGIS software applied on US Bureau of the Census data and the national road network.

Within the United States, our eclipse visitation model predicts that between **931,000** and **3,725,000** people will travel from outside to inside the path of totality on eclipse day. This is in addition to the 31 million people residing inside the path of totality.

Learn about our eclipse visitation model at greatamericaneclipse.com/visitation



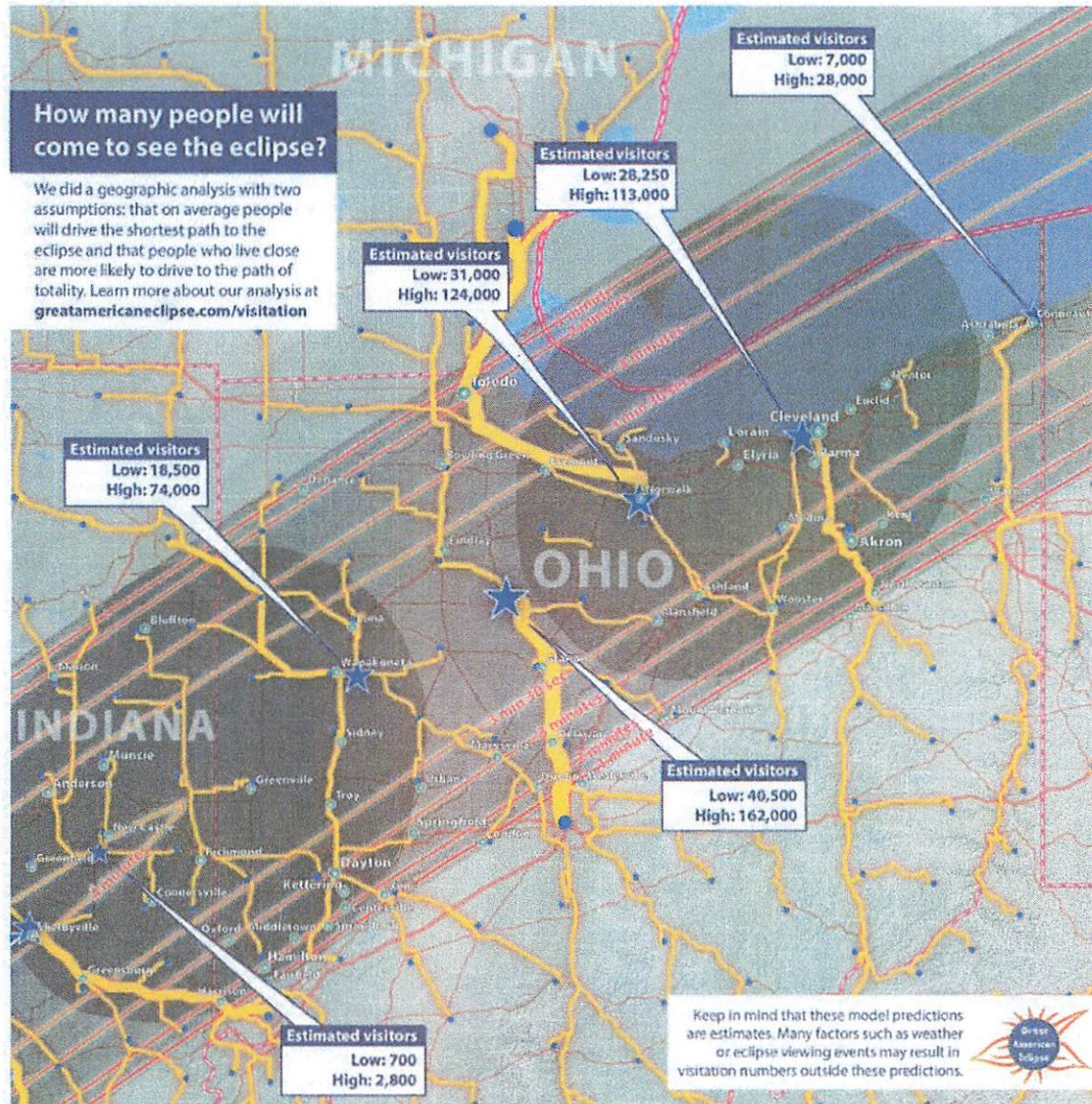
This map shows the shortest drive paths from throughout the 48 United States to the path of totality. The yellow circles are sized proportionately to the amount of eclipse visitors expected.



GreatAmericanEclipse.com

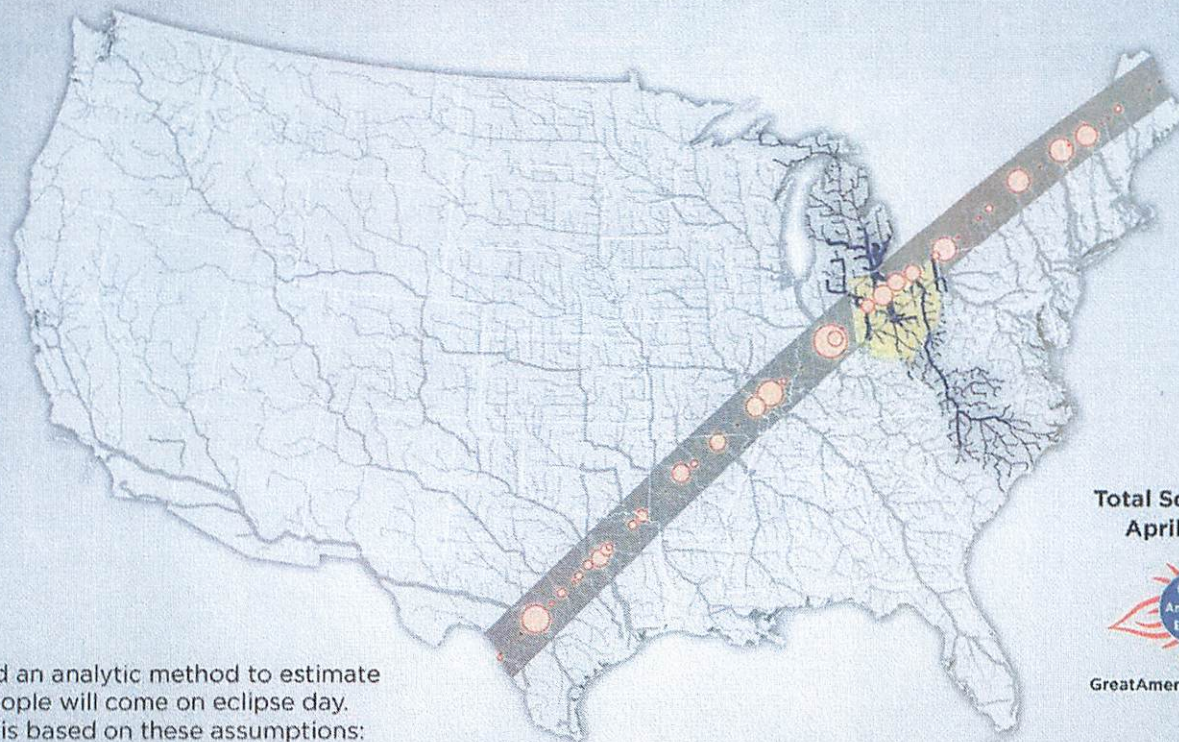
How many people will come to see the eclipse?

We did a geographic analysis with two assumptions: that on average people will drive the shortest path to the eclipse and that people who live close are more likely to drive to the path of totality. Learn more about our analysis at greatamericaneclipse.com/visitation



**How many people will go see the
Great American Eclipse in Ohio?**

**A total solar eclipse crosses North America on April 8, 2024.
This is easily the most beautiful sight you will see in the sky!
Try to arrive early and stay late to beat heavy traffic.**



**Total Solar Eclipse
April 8, 2024**



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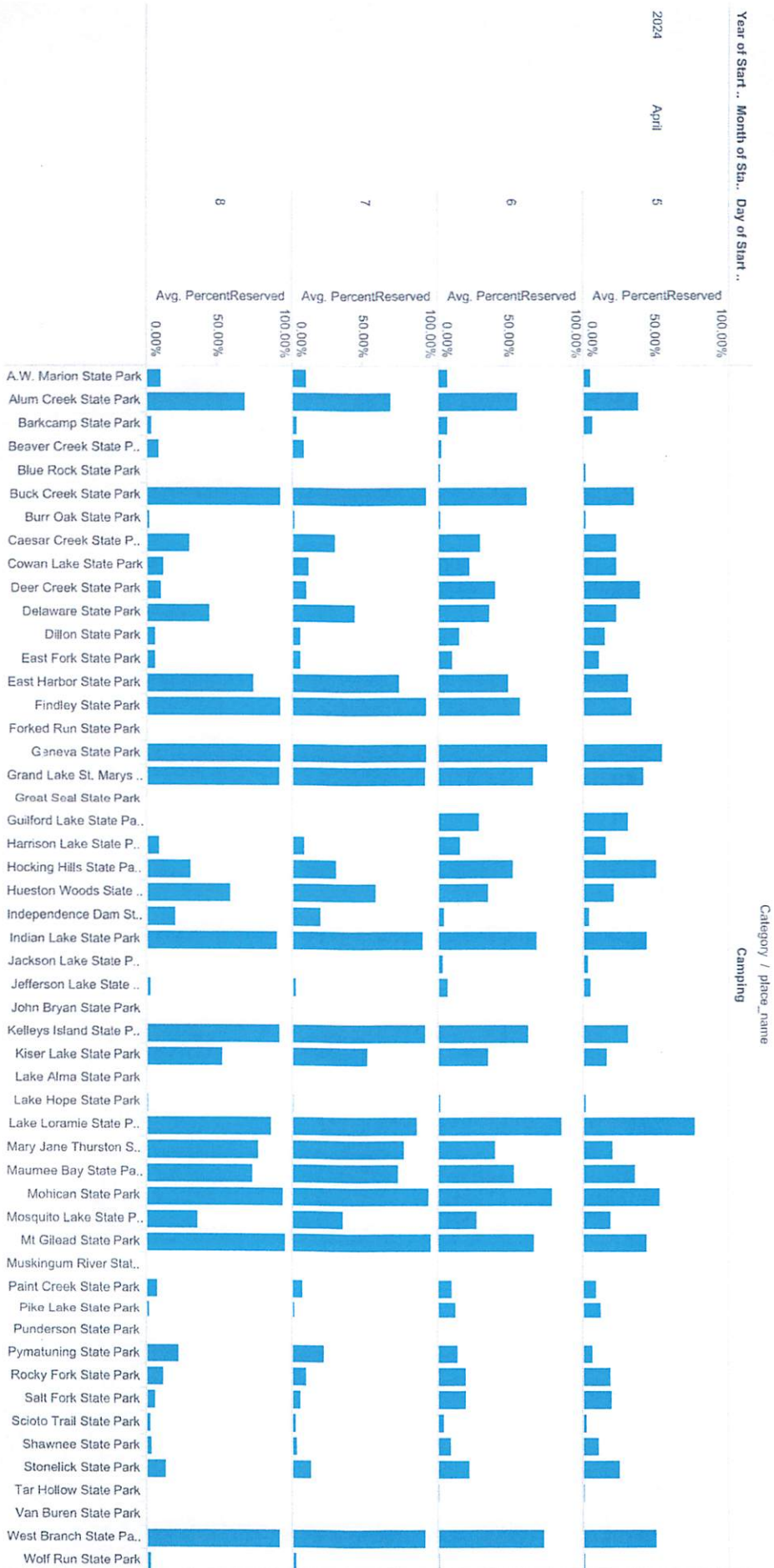
We've applied an analytic method to estimate how many people will come on eclipse day. The estimate is based on these assumptions:

- People nearby are more likely to drive to the path of total solar eclipse than people far away.
- People will take the shortest drive to the closest destination in the path of totality.

Learn about the details of our model at greatamericaneclipse.com/visitation

**Low estimate of eclipse visitors to Ohio: 125,000
High estimate of eclipse visitors to Ohio: 500,000
People in Ohio living inside the path: 7,275,000**

Park Percent Sites Occupied Graph



Average of PercentReserved for each place, name broken down by Category (CampingUnitsOhio) vs. Start Time Year, Start Time Month and Start Time Day. The data is filtered on Unit Type (CampingUnitsOhio), Unit Category (CampingUnitsOhio), Start Time Day and Place (CampingUnitsOhio). The Unit Type (CampingUnitsOhio) filter keeps 71 of 71 members. The Unit Category (CampingUnitsOhio) filter keeps Camping. The Start Time Day filter ranges from April 5, 2024 to April 8, 2024. The Place (CampingUnitsOhio) filter keeps 69 of 69 members. The view is filtered on Start Time Year and Start Time Month. The Start Time Year filter keeps 2020 and 2024. The Start Time Month filter keeps April, May and October.



Air Traffic Bulletin

Solar Eclipse April 8, 2024

Please be aware of the possibility for multiple Temporary Flight Restrictions (TFR).
Be vigilant for Notice to Air Missions (NOTAMS) and delays/disruptions in the National Airspace System (NAS)
that could affect your flight.

FAA TFR Site:

<https://tfr.faa.gov/tfr2/list.html>

FAA PILOTWEB NOTAMS:

<https://pilotweb.nas.faa.gov/PilotWeb/>

FAA NAS Status:

<https://nasstatus.faa.gov/>



We need your help in getting the word out:
Please pass this information along to as many pilots and aviation professionals as possible.

Check the **published NOTAMS** for any changes or unique procedures. Several types of operations may be prohibited or restricted during this event.

VFR AIRCRAFT

*****CLASS B and C SERVICE IS MANDATORY*****

Expect delays outside Class B, C, D airspace during peak traffic periods. VFR advisory service with approach controls will be on a workload permitting basis. Approach facilities will not provide ATC Services for Practice Approaches during peak traffic periods.

Set transponder to 1200 and squawk altitude prior to reaching any Class B or C airspace.

Extremely high volumes of traffic are anticipated in this area.
VFR flight following, airborne IFR pickups and other VFR services to aircraft may not be available in certain areas.

Check airport availability and plan your trip early.

Solo flights and student training are encouraged to be completed prior to the eclipse.

FAA Statements

- Safely integrating drones into the National Airspace System is a key priority for the FAA. This includes all airspace from the ground up. While local laws or ordinances may [restrict where drones can take off or land](#), they typically cannot restrict a drone from flying in airspace permitted by the FAA. Local laws and ordinances are established by local governing bodies and are separate from FAA regulations.
- The FAA does not enforce local laws. People should report privacy concerns to local police. We've created a short [3-part video series](#) to assist law enforcement with their duties involving drone incidents.
- It's illegal under federal law to shoot at an aircraft. A private citizen shooting at any aircraft – including unmanned aircraft – poses a significant safety hazard. An unmanned aircraft hit by gunfire could crash, causing damage to persons or property on the ground, or it could collide with other objects in the air. Shooting at an unmanned aircraft could result in a civil penalty from the FAA and/or criminal charges filed by federal, state or local law enforcement. Here is a [link](#) to the applicable federal law.
- The FAA looks into **all reports** of [unauthorized drone operations](#) and investigates when appropriate. The agency does not have criminal prosecution authority. Drone operators who conduct unsafe operations that endanger other aircraft or people on the ground could face fines that exceed \$30,000. In addition, we can suspend or revoke drone operators' pilot certificates.
- The FAA encourages the public to report unauthorized drone operations to local law enforcement and to help discourage this dangerous, illegal activity. The agency [works with federal and local law enforcement partners](#) to educate them about how to respond to unsafe or unauthorized drone operations. FAA personnel in the 77 local [Flight Standards District Offices \(FSDO\)](#) across the country perform investigations and when necessary, take appropriate enforcement actions.

Solar Eclipse

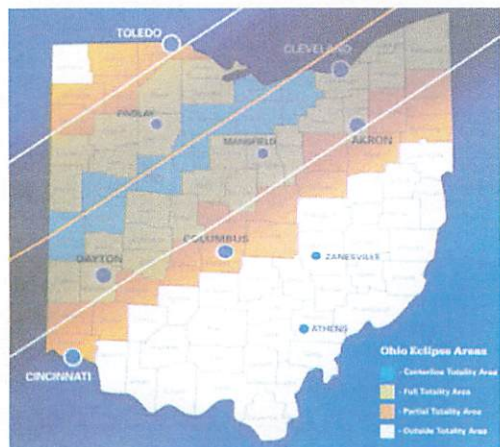
Monday, April 8, 2024



Department of
Health

Solar Eclipse Timing and County Pathway In Ohio

- Eclipse will travel across Ohio from southwest to northeast.
- Totality begins in Greenville, Ohio at approximately 3 p.m. and will exit near Avon Lake, Ohio at approximately 3:10 p.m.
- Two to four minutes of totality.
- Nine counties intersect with center line of totality.
- 26 counties are entirely within area of totality. 20 counties have part of county in area of totality.
- 33 counties are outside area of totality – partial eclipse only.



Eye Safety During a Solar Eclipse

The purpose of this guidance is to provide eye safety information and awareness that can be used for solar eclipse planning and readiness.

On Monday, April 8, 2024, weather permitting, all 50 U.S. states (excluding most of Alaska) will experience at least a partial solar eclipse, as will most of Canada, all of Mexico, and all countries in Central America.

Types of Solar Eclipses

Total Solar Eclipse: A total solar eclipse happens when the moon passes between the Sun and the earth, completely blocking the face of the Sun.

Annual Solar Eclipse: An annular solar eclipse happens when the moon passes between the Sun and the earth, but when it is at or near its farthest point from the earth, the moon does not completely cover the Sun.

Partial Solar Eclipse: A partial solar eclipse happens when the moon passes between the Sun and the earth, but the Sun, moon, and earth do not perfectly line up, only covering part of the Sun.

Solar Eclipse Eyewear Tips

It is never safe to look at a solar eclipse without proper safety equipment or techniques. Encourage the wearing of solar eclipse glasses when watching a total, annular or partial solar eclipse.

During the very brief time the Sun is in a partial or total solar eclipse, as the moon moves away from blocking the Sun, a person might get a solar burn on their retina which can cause permanent damage to their eyes.

Viewing any part of the bright Sun through a camera lens, binoculars, or a telescope without a special-purpose solar filter secured over the front of the optics will instantly cause severe eye injury.

When watching the phases of the solar eclipse always look through safe solar viewing glasses ("eclipse glasses") or a safe handheld solar viewer.

Encourage the use of eyewear that meets safety requirements and that are manufactured with ISO **12312-2** expert approved standard. When purchasing solar eclipse glasses, use a trusted source, and ensure glasses contain this ISO standard labeling. You can visit <https://eclipse.aas.org/eye-safety/iso-certification> to ensure your solar eclipse eyewear is compliant.

Official Prevent Blindness eclipse glasses can be purchased at [Web Eye Care](#), [School Health](#), or from an approved manufacturer listed at <https://eclipse.aas.org/eye-safety/viewers-filters>.

Always Encourage Eye Safety

You may call the office of your eye care professional to determine the best safety measures and solar eclipse viewing options for them.

Solar Eclipse Safety Eyewear Information Links:

<https://solarsystem.nasa.gov/eclipses/2024/apr-8-total/safety/>
<https://nationaleclipse.com/safety.html>
<https://preventblindness.org/solar-eclipse-and-your-eyes>
<https://eclipse.aas.org/resources/solar-filters>
<https://www.aao.org/eye-health/tips-prevention/where-to-get-solar-eclipse-glasses-updated-advice>