

# Total Solar Eclipse April 8, 2024

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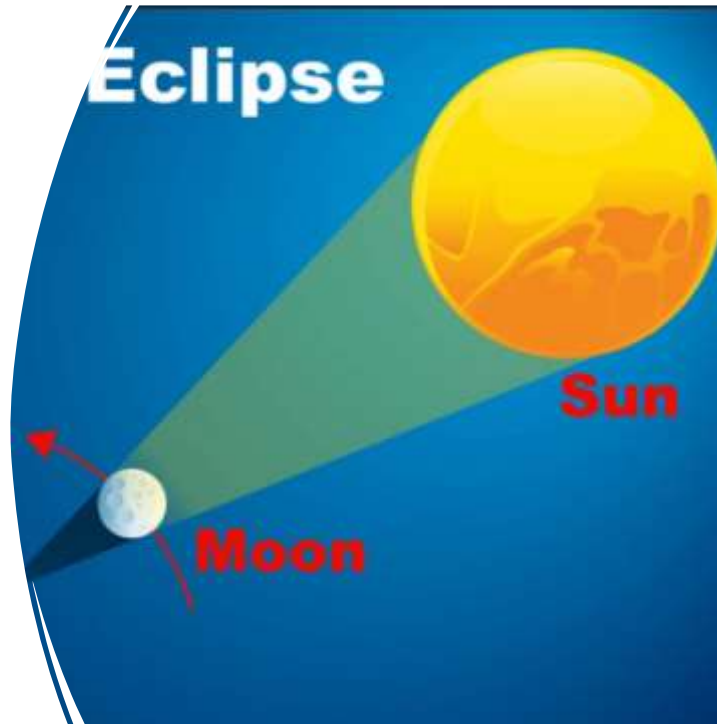


A total solar eclipse visits Ohio on April 8, 2024, beginning at 3:08 pm EDT with the final exit of the Moon's shadow from the state at 3:19 pm EDT. Cleveland will experience totality between 3:13 and 3:17 PM EDT.

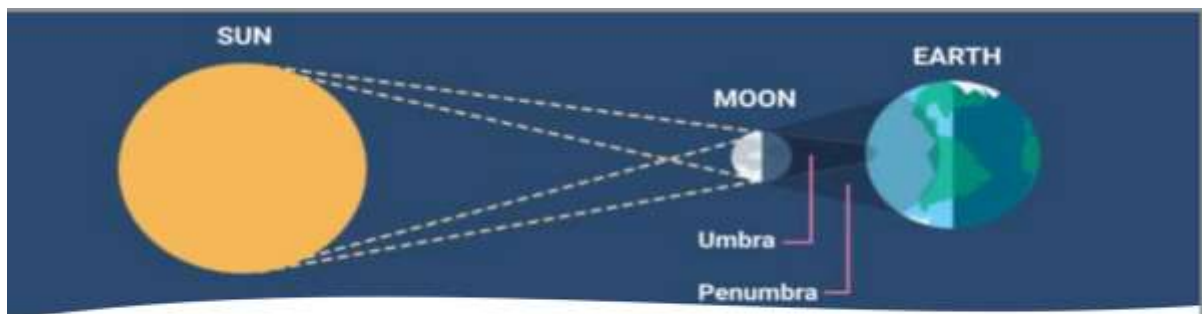


# What is a Total Solar Eclipse?

- Last one in Ohio in 1806
- Only 15 visible in U.S. since 1867
- Last one in 2017 – visible from Oregon to South Carolina
- Next one in North America until 2044
- Next one in Ohio – September 12, 2444



## Eclipse Basics



### Total Solar Eclipse Basics

Total Solar Eclipse to be visible from US on Monday, April 8, 2024.

Moon appears the same size and will be positioned directly in line with the sun, casting a shadow on Earth, creating darkness in the middle of the day.

# The Experience



Temperature drops  
up to 10 degrees



Plant and  
animal behavior  
changes



Shadows  
appear



Plants and  
stars are  
visible



Diamond ring  
effect around  
the sun



Sense of wonder  
and awe



## What to Expect in your County

- 9 Ohio counties intersect with the center line of totality
- 26 Ohio counties have the entirety of their county within the area of totality
- 20 counties have only part of county in the area of totality
- 33 counties are outside area of totality – partial eclipse only



## So, if you live or work in what Care you expect?

### 9 Intersect Counties

- Darke
- Shelby
- **Auglaize**
- Hardin
- Wyandot
- Seneca
- Huron
- Erie
- Lorain

- Most Risk for mass gathering and interruption of normal services
- Schools closed
- Campers
- The most traffic
- Cell phone coverage and 911 issues
- Run a food and supplies

# Senior Living Planning

- Staffing... staff up, confirm who is going to be there
- Supplies – make sure you have adequate food, water, medical supplies, pharmacy
- Dialysis residents – reschedule
- Prepare for confusion/sundowners' symptoms?
- Appointments – reschedule
- Physician and NP visits
- Wound Rounds
- Pick ups – trash, hazardous waste, shred it, oxygen tanks, equipment
- 2<sup>nd</sup> shift staff getting to work might be impossible – schedule an alternate shift
- Remember most schools are closed
- If you have a larger property, you might offer parking but check with county on any permits they are requiring



## Viewing Parties

- Invite residents, staff, families
  - Offer safety glasses
  - Refreshments
- Set up large outdoor space where people will be able to see the Sun during your event (avoid being too close to buildings or trees that could block your view of the Sun)
- Restroom facilities that are sufficient for your guests
- Trash and recycling bins
- Parking spaces for guests' vehicles, if needed

# Eclipse Snacks!

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## Addressing and Preventing Eye Damage Due to Unprotected Viewing of the Sun

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Make sure to use approved glasses to prevent serious risk to eye damage or solar retinopathy!

Certified Filters will be marked: Conforms to and meets the transmission requirements of **ISO 12312- 2 - For direct observation of the Solar Eclipse**



# State Eclipse Webpage

- Centralized location for eclipse information in the state
  - Links to other agency pages for updated information
  - Interactive maps for searching for events, information, and resources

