

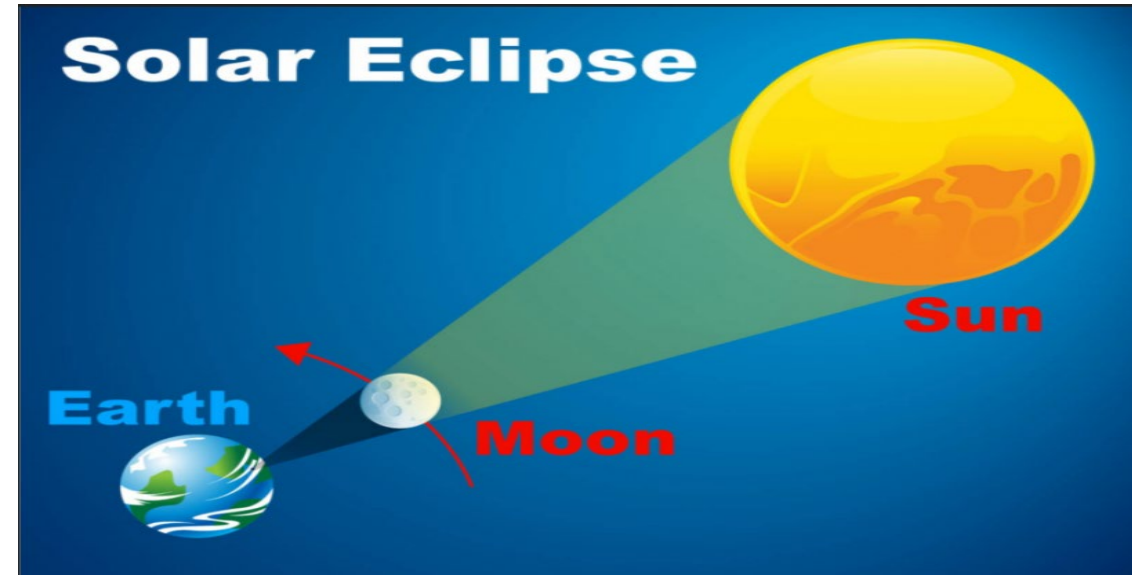
April 8, 2024 Total Solar Eclipse



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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.
- Last one in North America until 2044.
- Next one in Ohio – September 12, 2444.



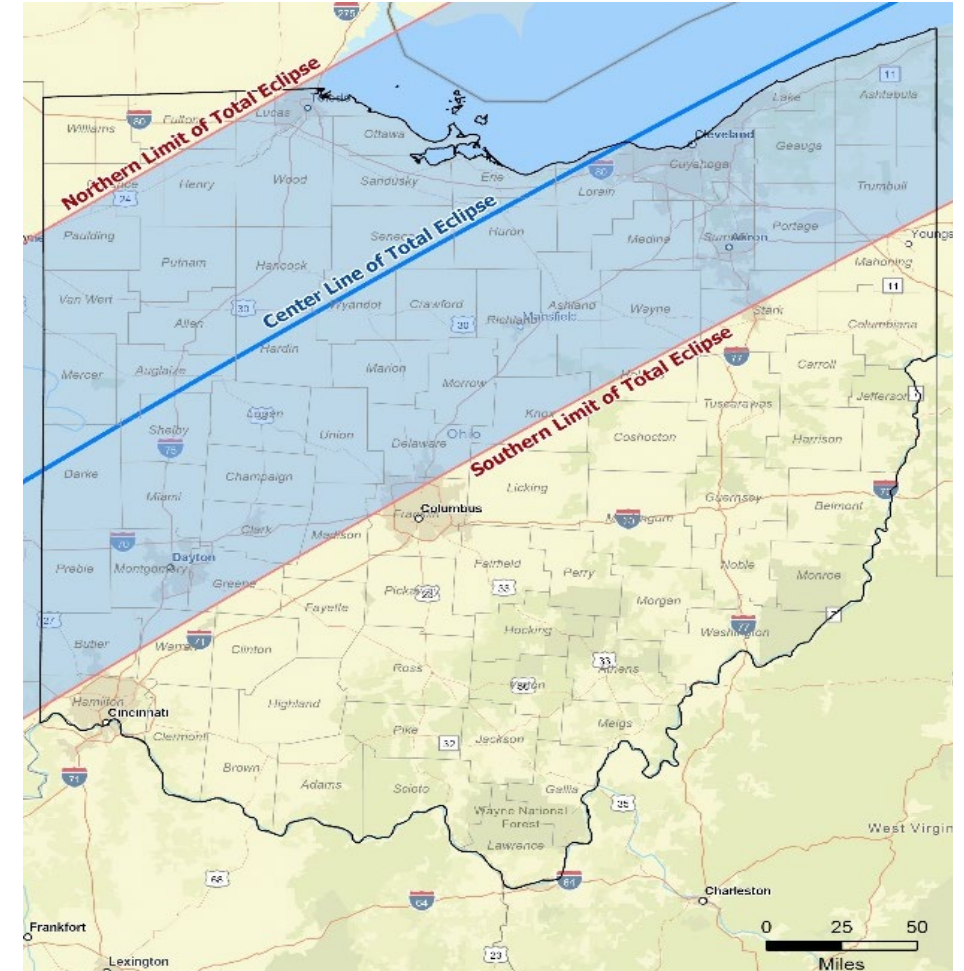
Total Solar Eclipses: 2017 vs. 2024

	August 21, 2017	April 8, 2024
Population in path	12 million	32 million
Max Duration	2 min 40.2 secs	4 min 28.1 secs
Path width	71 miles	124 miles



Eclipse Pathway

- 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.



What to Expect

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



What are the Impacts?

- Ohio is within a one-day drive of 70% of the U.S. population.
- Local population in center-line communities could triple to quadruple.
- Local population in other totality communities could double.
- Extreme demand for hotels, campsites, restaurants, entertainment facilities, parks, etc.
- Extreme traffic, stresses to local infrastructure.
- Potential for local income generation.
- Educational opportunities.



Planning Considerations

- Local eclipse festivals and viewing parties – “Arrive Early, Stay Late.”
- Population surge.
- Traffic management.
- Local emergency operational support
 - Public works.
 - Law enforcement.
 - Supplies.
 - Sanitation.
 - Communications.
- Health, **safety**, and welfare.



Planning Consideration Questions

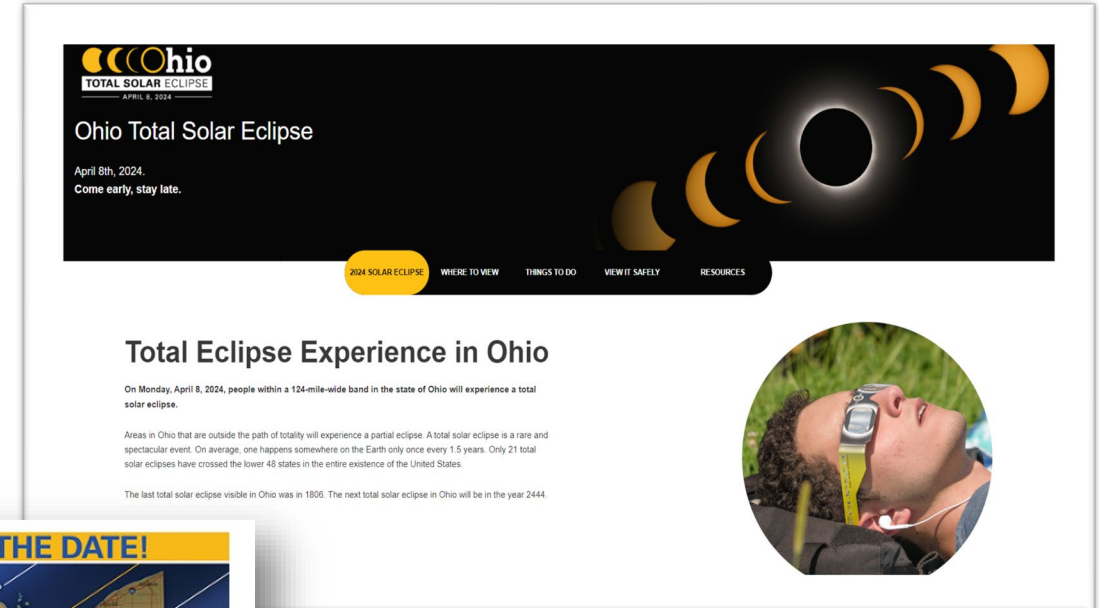
- Does or will your jurisdiction have Eclipse viewing site/locations?
- What affect could the Solar Eclipse have on your facility's "routine" or daily operations?
- How could the services your facility provides to clients be adversely affected?
- Could/should face to face meetings, visitations and appointments be rescheduled?
- What traffic congestion/areas or "bottlenecks" does your community anticipate, if any?

Planning Considerations Questions

- How does the timing of the eclipse and traffic affect employee commute?
- How could the Solar Eclipse affect your facility's logistics posture (receipt and sending of supplies and material) that day and pre and post timeframe?
- Are schools in your jurisdiction closed the day?
- Are any medical facilities/services, provider in your community, anticipate being adversely affected during that time frame?

State Eclipse Webpage

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



Informational Websites

- <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>

QUESTIONS?

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