

April 8, 2024 Total Solar Eclipse

T-222 Days



Colin Campbell, Emergency Preparedness Planner
Planning, Training, & Exercise Branch

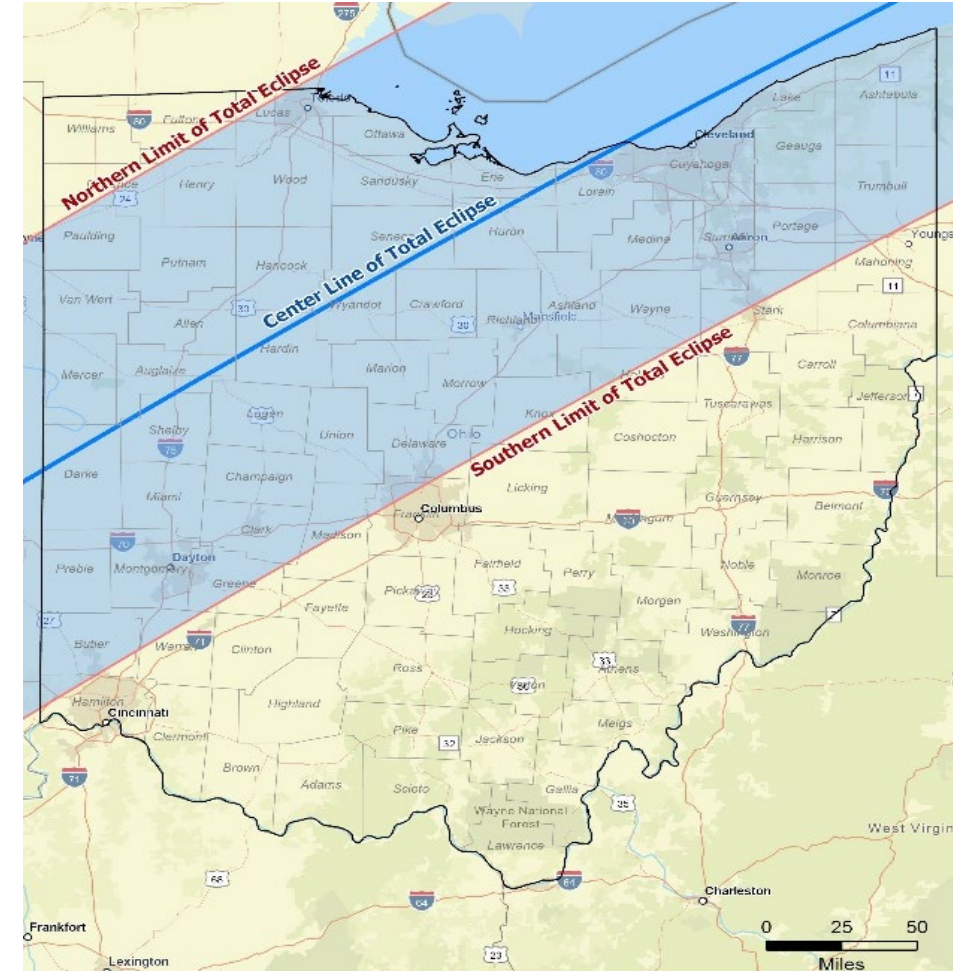
Total Solar Eclipses: 2017 vs. 2024

	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



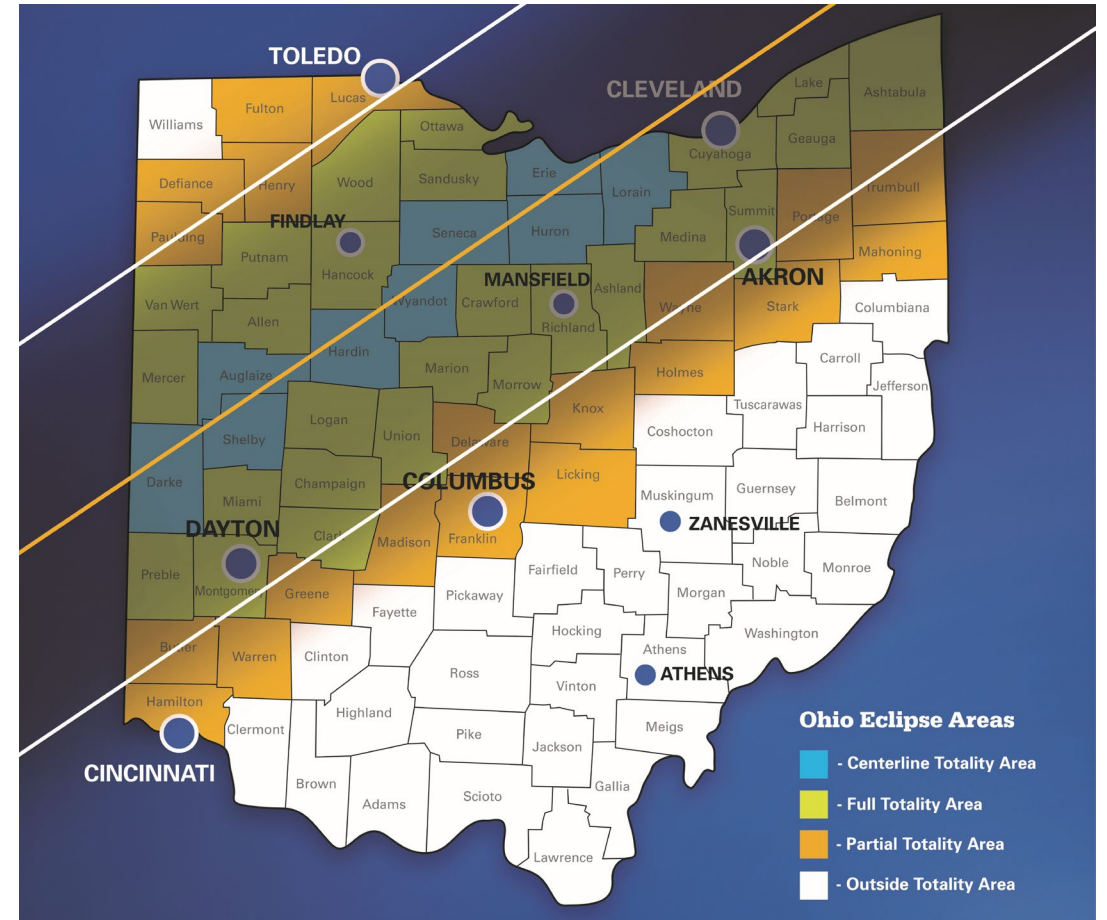
Eclipse Pathway

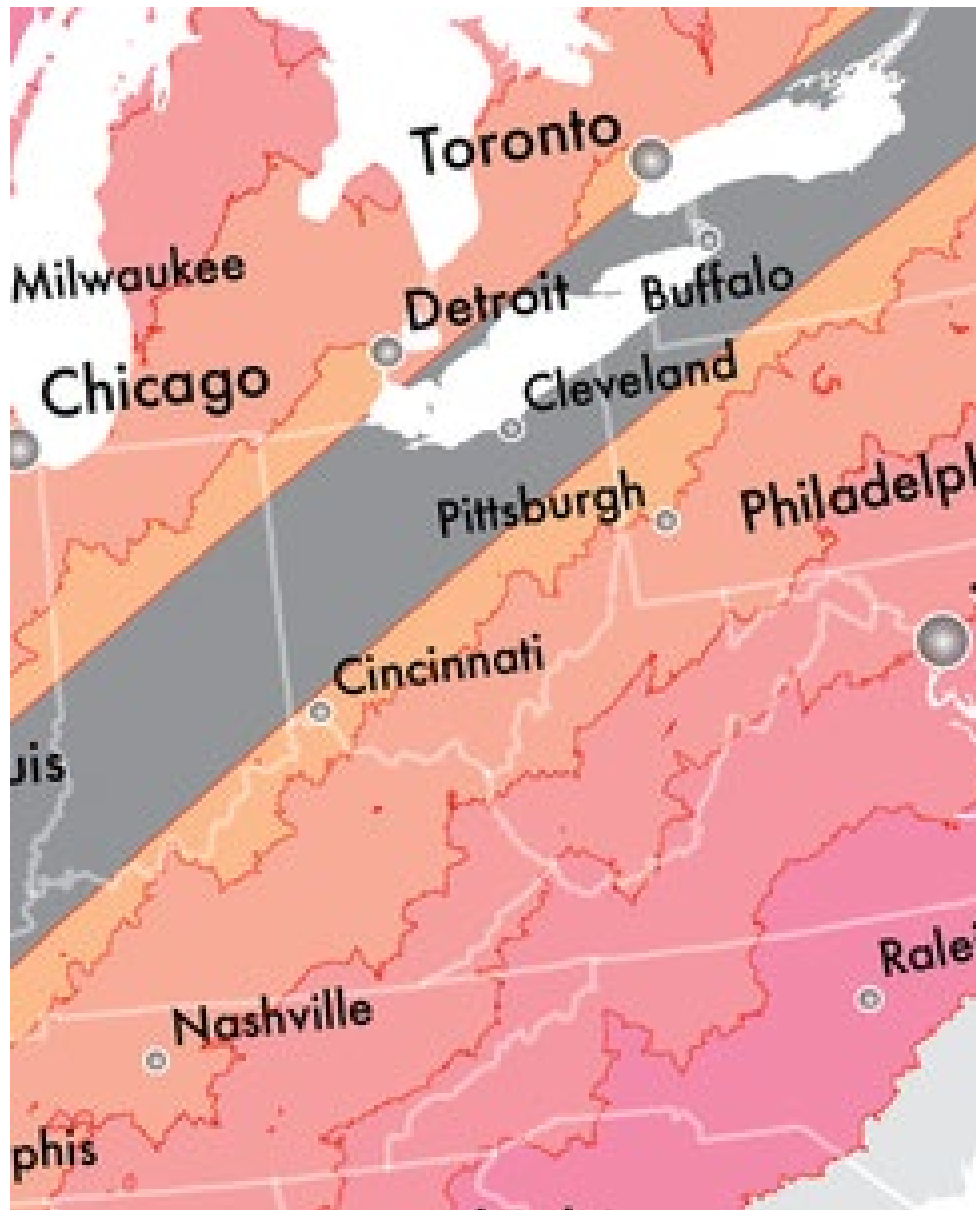
- Eclipse will travel across Ohio from southwest to northeast
- Totality begins in Greenville, Ohio at approximately 3:00 pm and will exit near Avon Lake, Ohio at approximately 3:10 pm
- 2-4 minutes of totality



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





Path of totality

0-2 hours

2-4 hours

4-6 hours

6-8 hours

8-10 hours

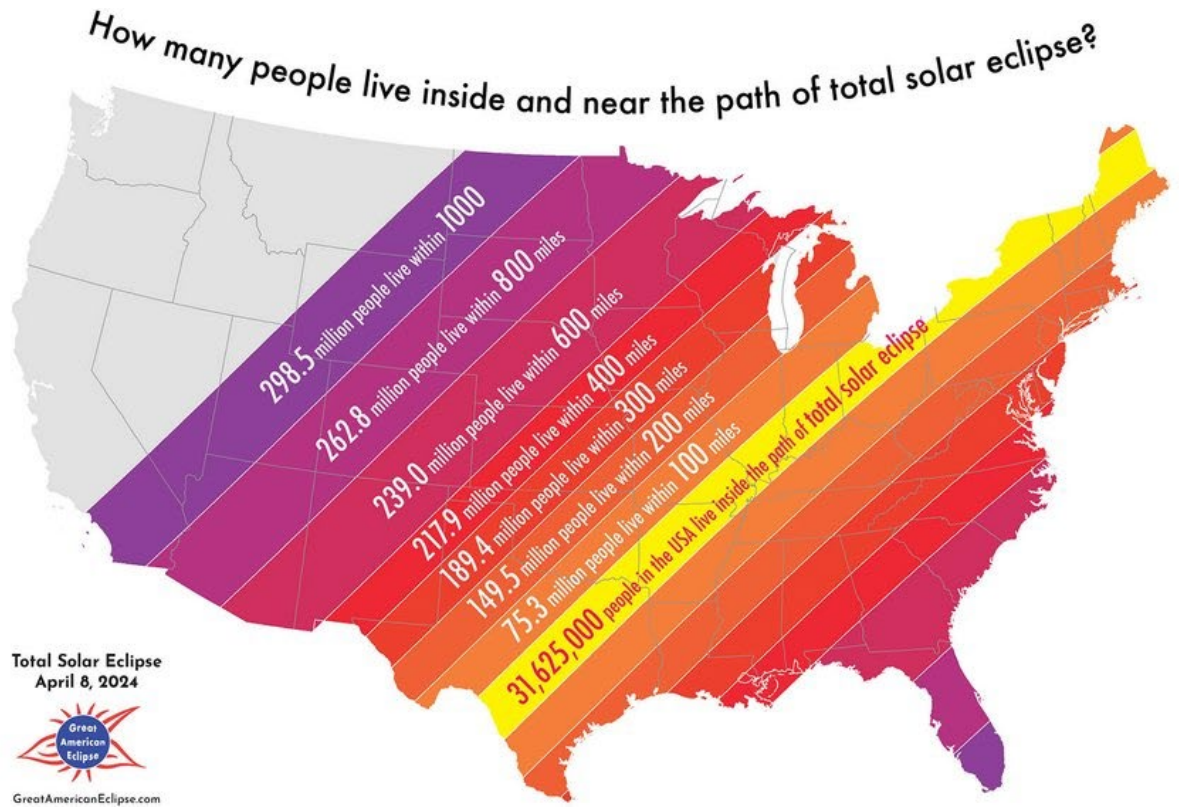
How many people are expected to visit?

- The numbers given for the state are high and low estimates for out of path visitation on eclipse day.
- The distance-decay method applied in these estimates is described at GreatAmericanEclipse.com/statistics

Ohio Population Prediction:

Low: 139,000

High: 556,000



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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



What is the State Doing?

- Formed a State-level Eclipse Planning Task Force
- Development of state level plans, guidance documents, and agency specific plans
- State eclipse website
- Conducting exercises to test and develop plan with local and state partner input



Ohio Eclipse Planning Task Force



Ohio

Department of
Public Safety

Department
of Education

Department of
Development

Public Utilities
Commission

Department of
Administrative Services

Department
of Health

Department
of Commerce



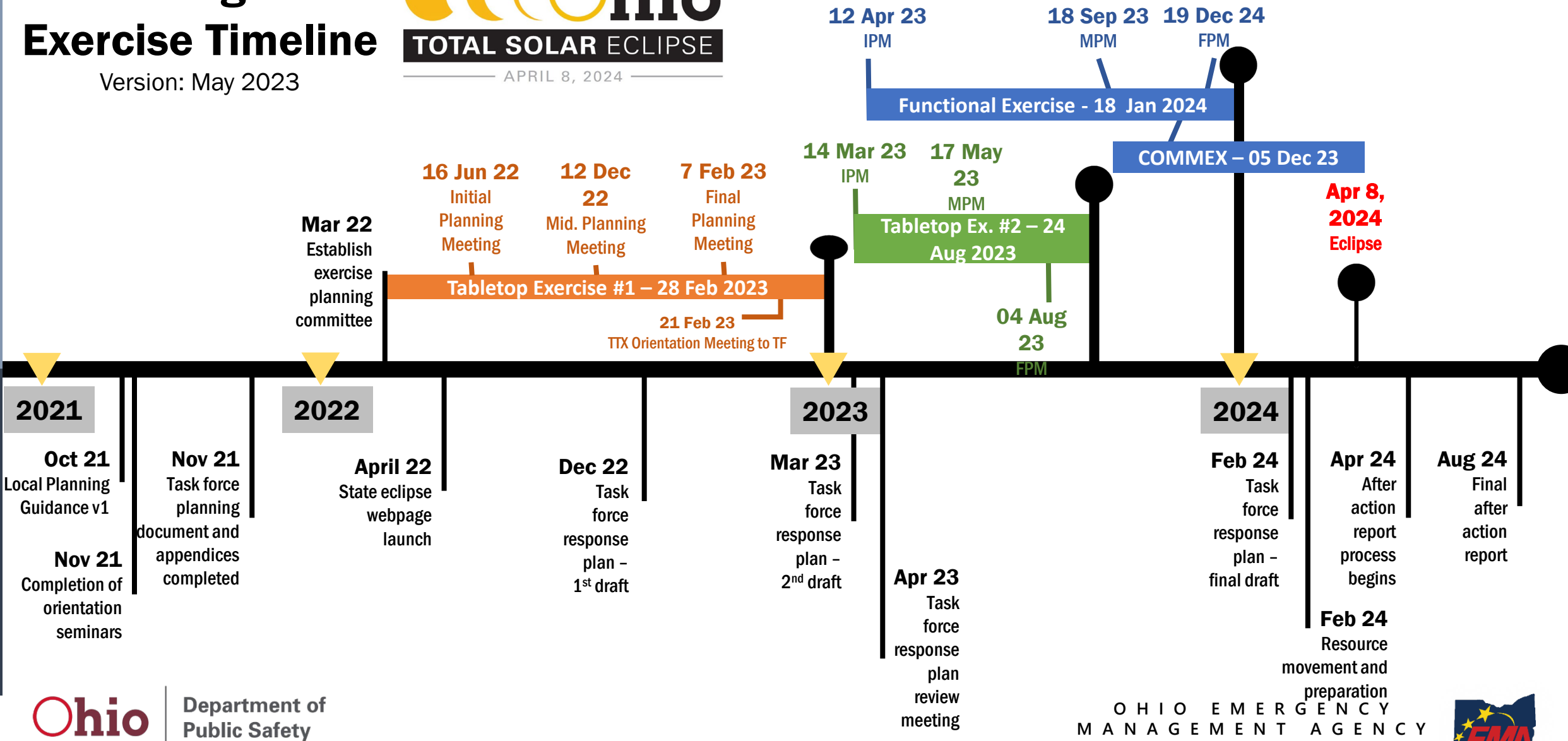
Planning and Exercise Timeline

Version: May 2023



EXERCISE

PLANNING



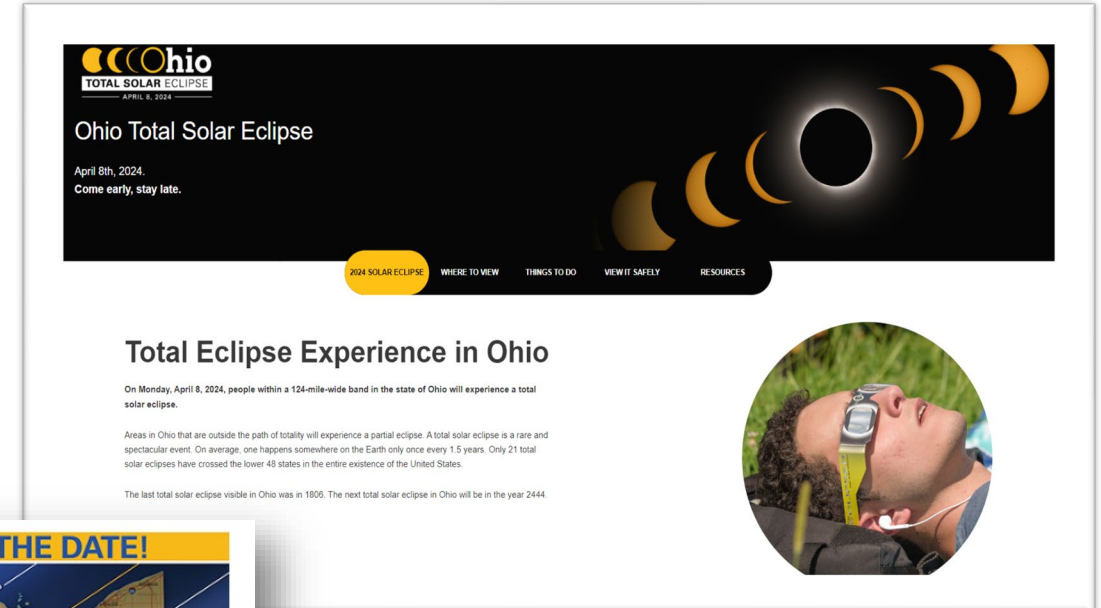
Department of Public Safety

OHIO EMERGENCY MANAGEMENT AGENCY



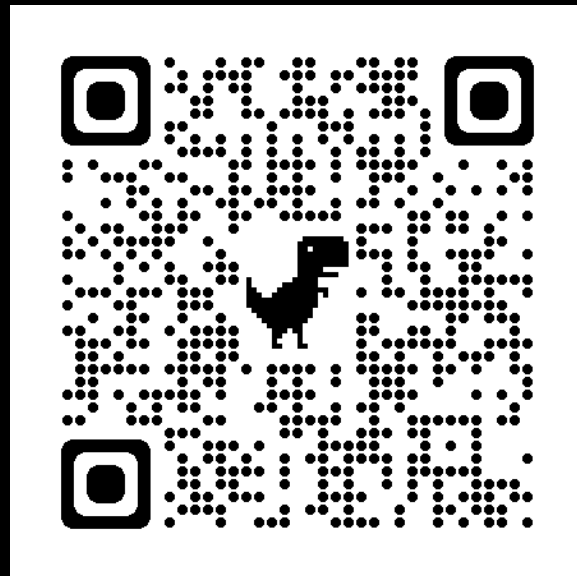
State Eclipse Webpage

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





Questions



Eclipse.ohio.gov

