

Vermont Total Eclipse

29FEB2024



Agenda

- **Event Overview**
- **Review Facts and Assumptions**
- **Overview of State Planning Efforts**
- **Share Resources**

Event Overview: April 8, 2024

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

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.



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

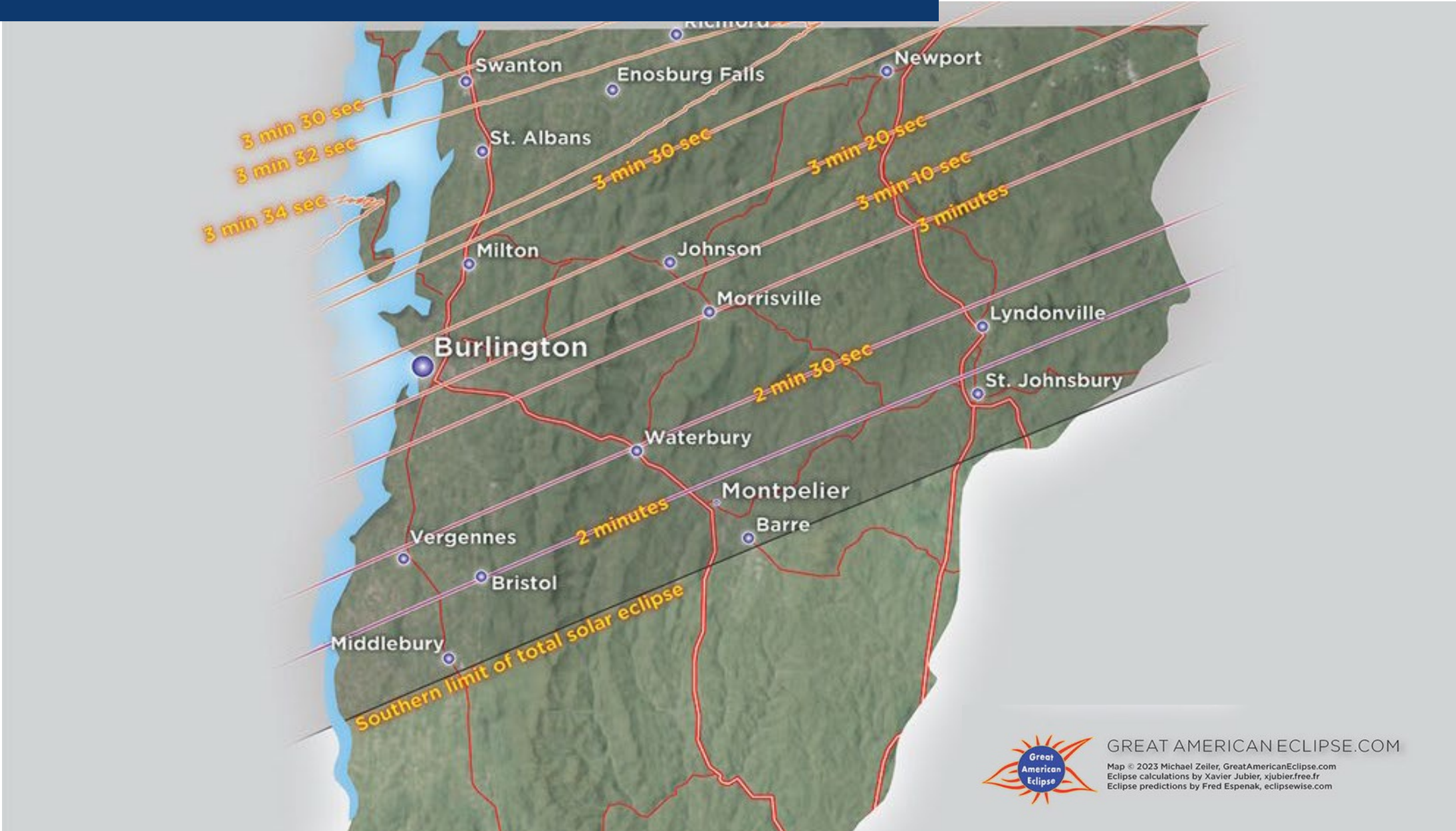
Low estimate of eclipse visitors to Vermont: 36,000
High estimate of eclipse visitors to Vermont: 145,000
People in Vermont living inside the path: 399,000

- On April 8, 2024 at 2:14 p.m., a *partial solar eclipse* will begin, and at 3:26 p.m., a total eclipse will darken Vermont's daytime sky, lasting about **3 minutes**. The phenomenon will continue as a *partial eclipse* until 4:37 p.m.
- The path of totality is 40 miles wide, 20 miles of which are in northern Vermont

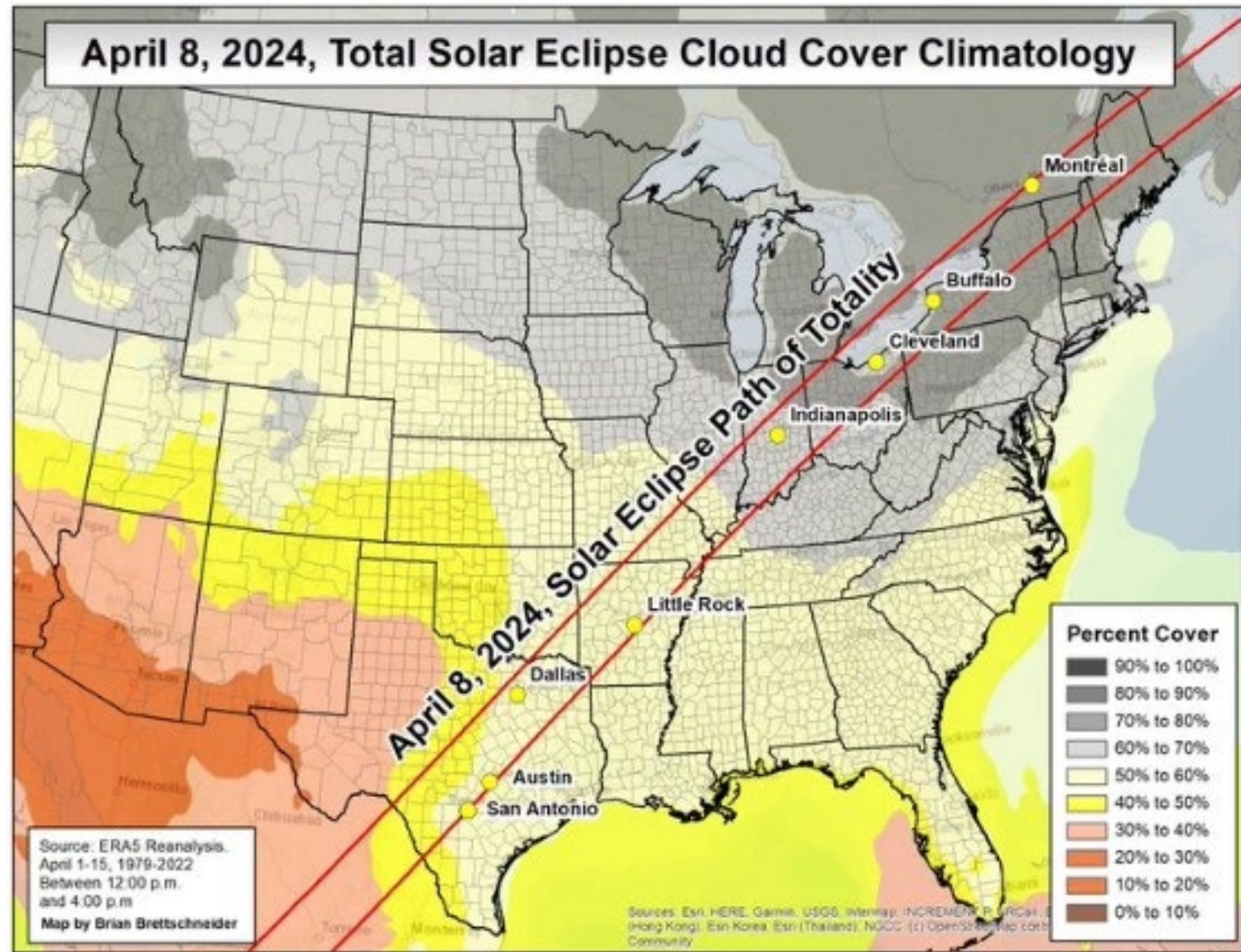
Event Overview: April 8, 2024

IMPACTED COUNTY

- Addison
- Caledonia
- Chittenden
- Essex
- Franklin
- Grand Isle
- Lamoille
- Orleans
- Washington



Event Overview: April 8, 2024



April 8th Status Map

as of February 23rd



65 Known Events

Towns with Multiple Reported Events

Town	Events
Shelburne	4
Burlington	4
Bennington	3
South Hero	2
Stowe	2
Montpelier	2
Barre Town	2
Middlebury	2






Legend

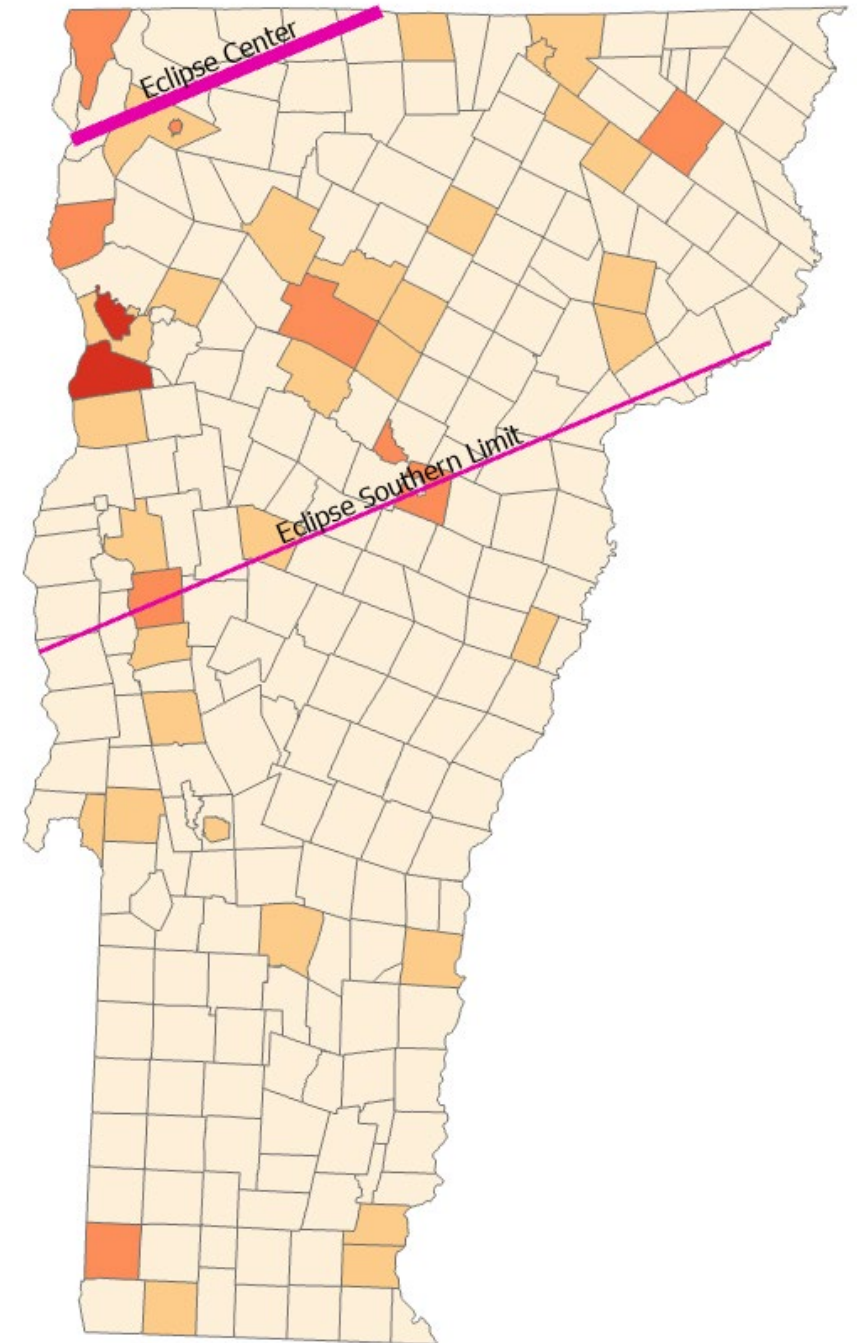
Path of Totality

-  Southern edge of path
-  Center of path

Towns with known events

Eclipse Events

-  0 events
-  1 event
-  2 events
-  3 events
-  4 events



Data from ACCD's Eclipse Events Calendar, 7 Days and Locations which have requested glasses from ACCD to support their events

Eclipse Running Estimates

FACTS

- Total Solar Eclipse is occurring on April 8th, 2024
 - Monday...
- Maximum duration of totality in VT is 3 min 36 seconds
- 109 miles of Vermont is in the path of totality
- Two path crosses two interstates: I89 & I91
- 399k Vermonters live within the path of totality
- People WILL come to Vermont to view the eclipse
- Majority of schools are doing half day
- Some State parks will be open early to accommodate
- VAST trails are open until April 15th

ASSUMPTIONS

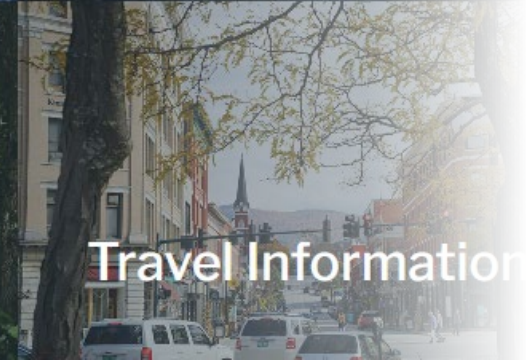
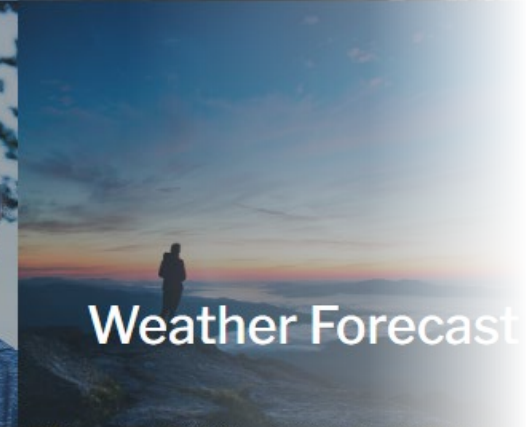
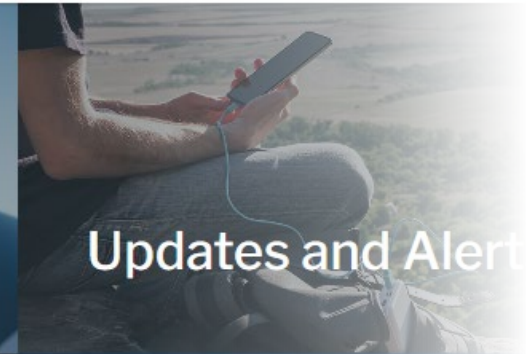
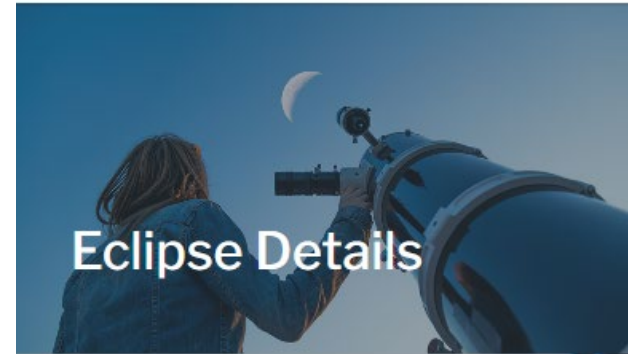
- 36-145k people will come to VT to view
- Traffic will be heavy
- Majority of visitors will arrive over the weekend and leave shortly after the eclipse
- Weather will likely be cloudy, temps in 40s. Ranging from low 30s to high 50s
- Variable conditions, ice, weather, etc.
- Potential fire risk for this time of year
- Eclipse visitors are likely to relocate last minute based on weather and cloud coverage
- Private jets will be less likely to surge to VT due to climatology
- Overnight parking lots will be used by individuals traveling without hotels or other places to stay (example- Walmart, Home Depot, Lowes)

State Planning Efforts

- **Information Gathering:**
 - **Events**
 - **Traffic Modeling**
- **Coordination:**
 - **Cell Providers**
 - **Inter-Agency**
 - **Businesses (towing, fuel, etc)**
 - **Construction & Permitting**
- **Resources:**
 - **Sign Boards**
 - **Porta Potties**
 - **FirstNet communication assets for First Responders**
 - **Personnel (staffing, locations, hours)**
- ***Messaging***
 - example- “make a stay of it”

Information Sharing

- **State of Vermont official eclipse guidance:**
www.vermont.gov/eclipse
- **ACCD's Vermont Vacation website:**
 - <https://www.vermontvacation.com/plan-your-visit/events/2024-total-solar-eclipse-in-vermont>
- **Vermont League of Cities and Towns local Eclipse Planning calls:**
 - <https://www.vlct.org/events/EclipsePlanning2024>
- **Reporting Events:** <https://forms.office.com/g/F3W73TTJBf>
- **Sign up for VTAlert** for traffic, weather, and other information at www.vtalert.gov
- **VT-Alert Eclipse Subscription Group is live**
 - Text **VTECLIPSE** to 888777 to receive traffic, weather, and other information specific to the eclipse



Additional Planning Resources

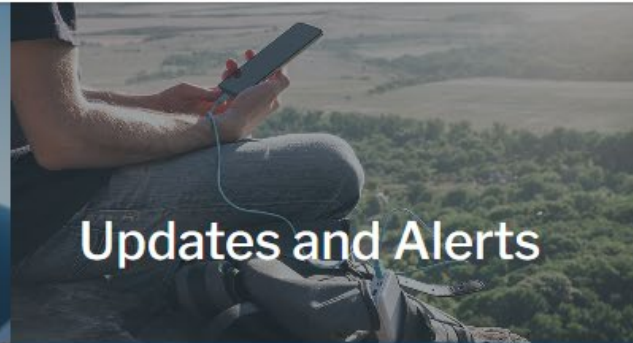
- <https://solarsystem.nasa.gov/eclipses/2024/apr-8-total/where-when/>
- <https://www.greatamericaneclipse.com/vermont-2024-eclipse>
- [Recording of the presentation by Brook Kaufman](#) *Preparing your Community for an Eclipse: 13 All-Too-Real Truths* from 16NOV presentation

Questions?

www.vermont.gov/eclipse



Eclipse Details



Updates and Alerts



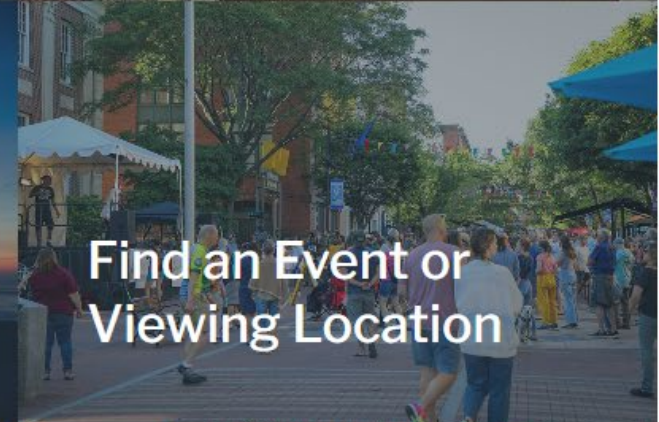
Lodging or Camping



Observation Safety



Weather Forecast



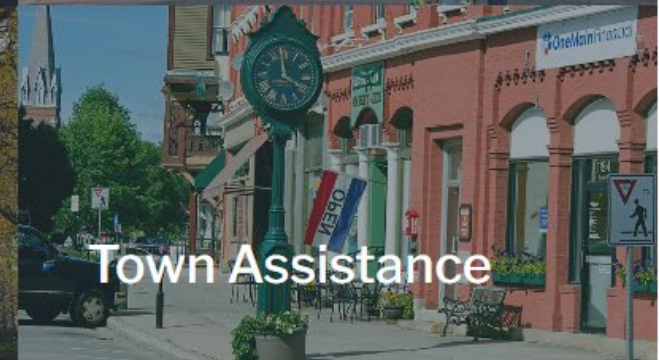
Find an Event or
Viewing Location



Eclipse Etiquette



Travel Information



Town Assistance