

# PLENARY 3:

## Eclipse Resources

*Andy Fraknoi, Dan McGlaun, Kate Russo, Kelly Korreck*

American Astronomical Society (AAS) Eclipse Planning Workshop, Solar Eclipse Task Force, Rochester, 21-22 Oct 2022.

**BEING**  
IN THE SHADOW<sub>.COM</sub>

# As a planner, what resources are needed?

## Eclipse Coordinator



**Understand the eclipse, path of totality**

**Convey the eclipse experience**

**Plan & Coordinate**

**Convince others it's a big deal**

# As a planner, what resources are needed?

## Eclipse Coordinator



### Understand the eclipse, path of totality

- Science facts & figures, Eclipse basics  
ECLIPSEWISE.COM  
NASA VISUALIZATION STUDIO
- Information sheets, places to point to things, FAQ  
ECLIPSE.AAS.ORG
- Maps of the path overall, and of your region  
GREATAMERICANECLIPSE.COM
- Awareness of weather impacts  
ECLIPSOPHILE.COM

### Convince others it's a big deal

- Stakeholders/businesses/funders / community/members  
WHITE PAPER

### Convey the eclipse experience

- Explain why to those who have never experienced a total solar eclipse  
BEINGINTHESHADOW.COM

### Plan & Coordinate

- Your unique eclipse circumstances:  
ECLIPSE2024.ORG
- What events are planned  
ECLIPSE2024.ORG
- visitor numbers  
GREATAMERICANECLIPSE.COM
- Solar viewers  
RAINBOWSYMPHONY.COM

# As a planner, what resources are needed?

## Eclipse Coordinator



### Understand the eclipse, path of totality

- Science facts & figures, Eclipse basics  
ECLIPSEWISE.COM  
NASA VISUALIZATION STUDIO
- Information sheets, places to point to things, FAQ  
ECLIPSE.AAS.ORG
- Maps of the path overall, and of your region  
GREATAMERICANECLIPSE.COM
- Awareness of weather impacts  
ECLIPSOPHILE.COM

### Convince others it's a big deal

- Stakeholders/businesses/funders / community/members  
WHITE PAPER

### Convey the eclipse experience

- Explain why to those who have never experienced a total solar eclipse  
BEINGINTHESHADOW.COM

### Plan & Coordinate

- Your unique eclipse circumstances:  
ECLIPSE2024.ORG
- What events are planned  
ECLIPSE2024.ORG
- visitor numbers  
GREATAMERICANECLIPSE.COM
- Solar viewers  
RAINBOWSYMPHONY.COM

*'Experience totality—above you, around you, within you'*

# As a planner, what resources are needed?

## Eclipse Coordinator



**1** Draw on the content of others, and get it personalized for your region

**2** Set up efficient systems from the start to help with sharing, automating,

### Understand the eclipse, path of totality

- Science facts & figures, Eclipse basics  
ECLIPSEWISE.COM  
NASA VISUALIZATION STUDIO
- Information sheets, places to point to things, FAQ  
ECLIPSE.AAS.ORG
- Maps of the path overall, and of your region  
GREATAMERICANECLIPSE.COM
- Awareness of weather impacts  
ECLIPSOPHILE.COM

### Convince others it's a big deal

- Stakeholders/businesses/funders / community/members  
WHITE PAPER

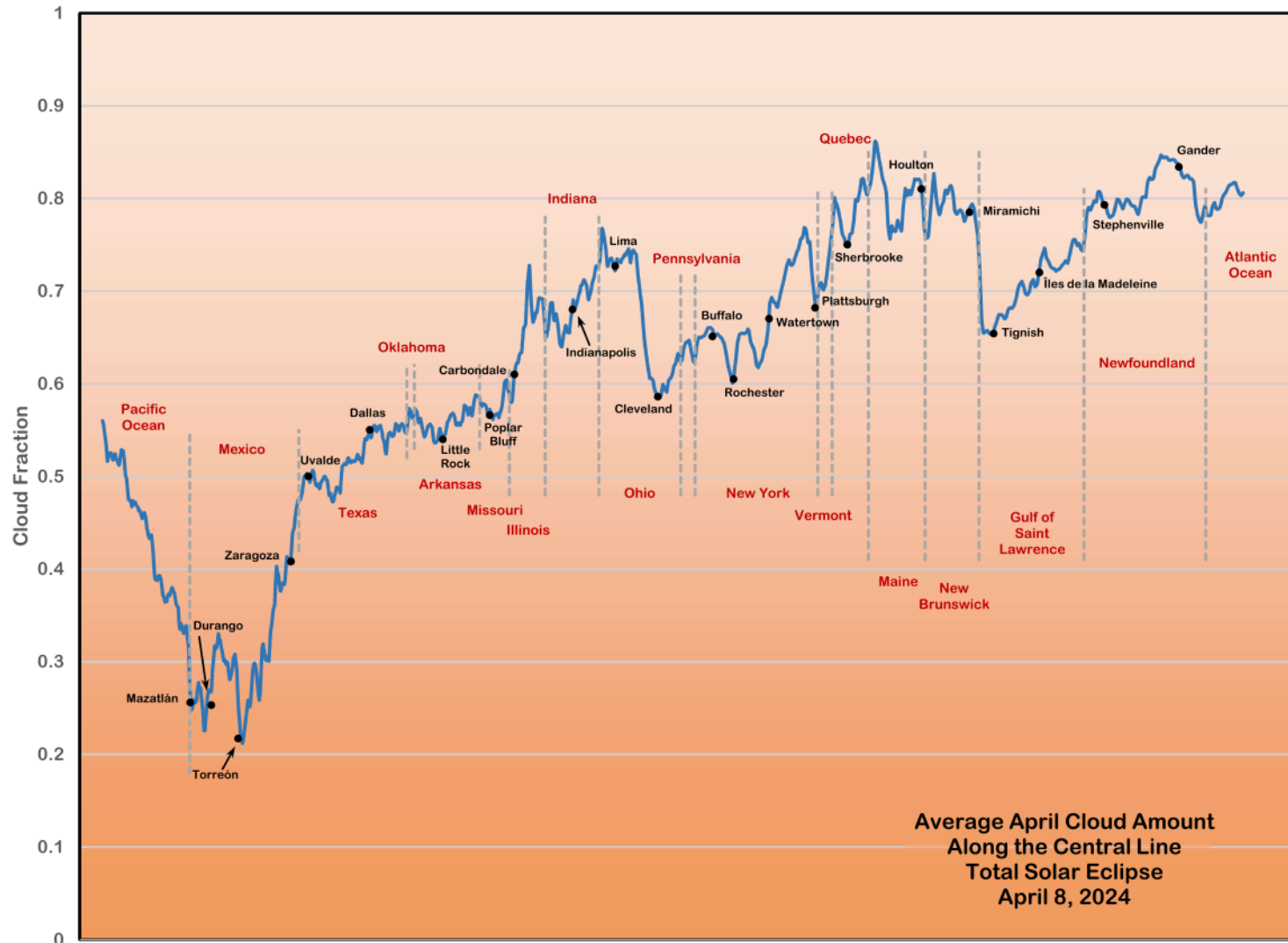
### Convey the eclipse experience

- Explain why to those who have never experienced a total solar eclipse  
BEINGINTHESHADOW.COM

### Plan & Coordinate

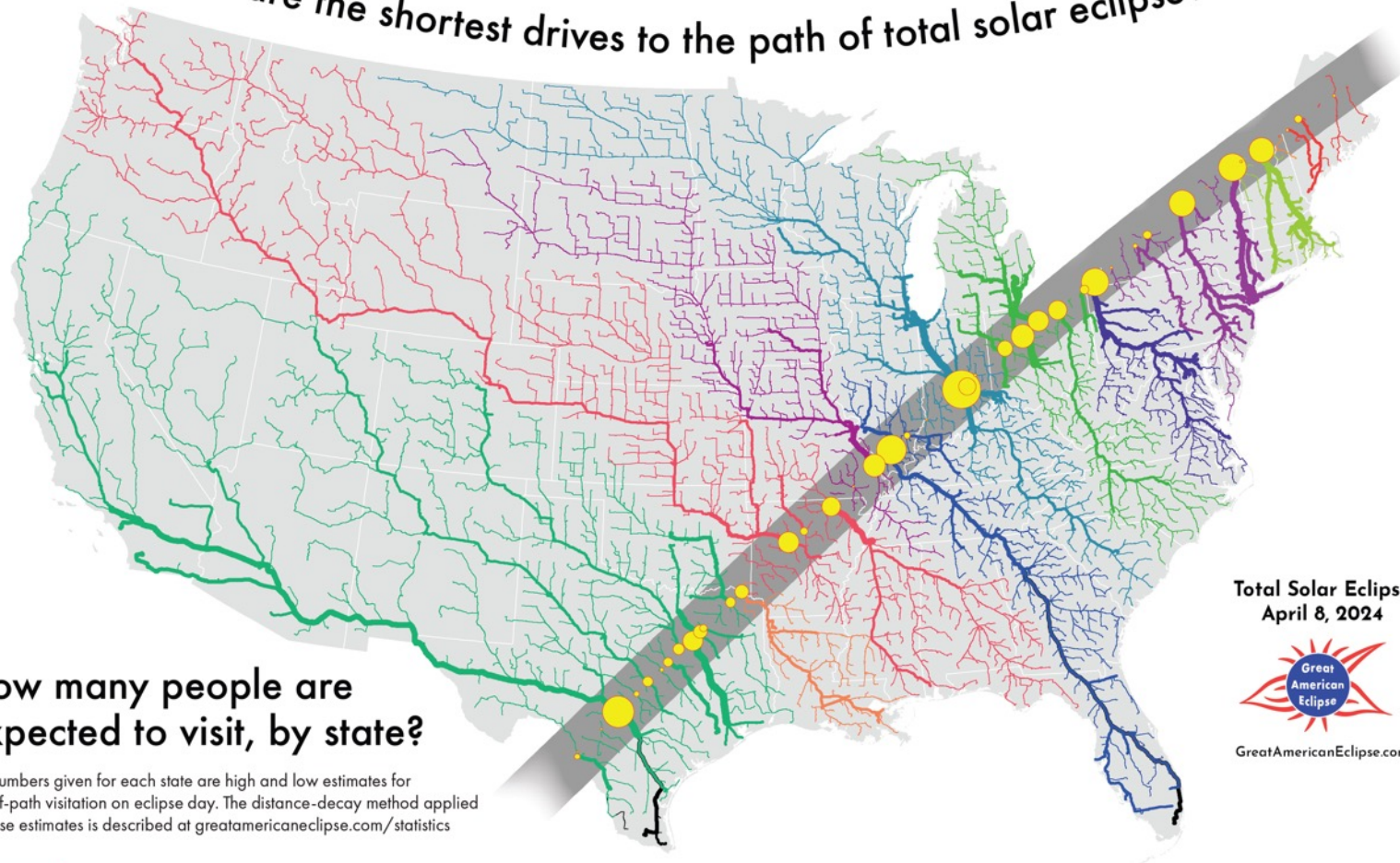
- Your unique eclipse circumstances:  
ECLIPSE2024.ORG
- What events are planned  
ECLIPSE2024.ORG
- visitor numbers  
GREATAMERICANECLIPSE.COM
- Solar viewers  
RAINBOWSYMPHONY.COM

# Eclipsophile.com – Jay Anderson



*'Experience totality—above you, around you, within you'*

# What are the shortest drives to the path of total solar eclipse?



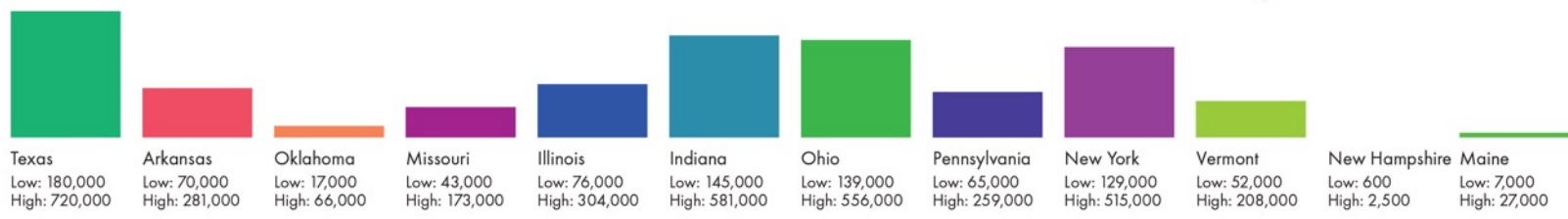
Total Solar Eclipse  
April 8, 2024



GreatAmericanEclipse.com

## How many people are expected to visit, by state?

The numbers given for each 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](http://greatamericaneclipse.com/statistics)



# Solareclipse.app

S Stephen Watkins is presenting

Totality will pass through this area between 10:57:59a GMT-7 and 4:49:58p GMT-3

59 POINTS OF INTEREST

Great American Eclipse — April 8th, 2024

Stephen Watkins

Jesse Tomlinson

You

10:07 | gbg-sghw-nzz

Activities



# Things to watch

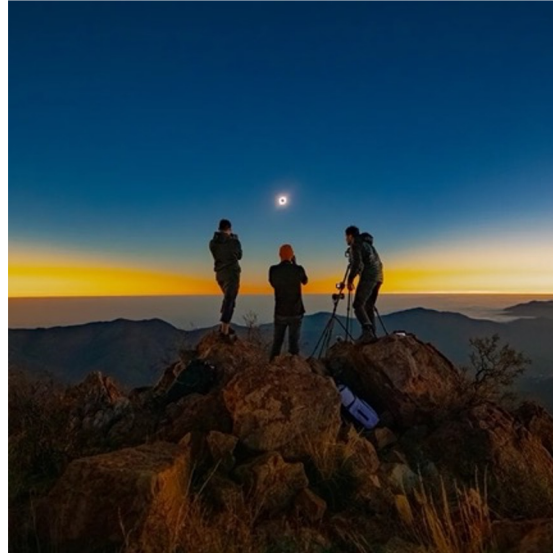
- Eye safety – don't create new 'official' guidance
- Day vs night confusion
- In vs out of the path
- Annular vs total

# TOTALITY: A UNIQUE AND AWE-INSPIRING EVENT



## ABOVE YOU

The only time you can see the ethereal solar corona, and some beautiful features such as the diamond ring, Baily's beads, prominences, and chromosphere



Credit: 2019 Reuben Wu

## AROUND YOU

The temperature drops as the Moon's shadow dramatically casts an eerie darkness, with gorgeous sunset colours on the horizon



Credit: 2009 Daniel Lynch

## WITHIN YOU

A range of unexpected emotions happen, including primal fear, goosebumps, awe, feels of insignificance, connection, euphoria. Your sense of time changes, and you are fully immersed in the moment

*'Experience totality—above you, around you, within you'*

DR. KATE RUSSO – BEING IN THE SHADOW

*“Totality is the dramatic moments of awe, beauty and wonder we experience within the Moon’s shadow. It happens above you, around you, and within you.”*

*‘Experience totality—above you, around you, within you’*

kate@beingintheshadow.com

