2017 SOLAR ECLIPSE
The Astronomical Event of the Decade
August 21, 2017
Register Your Public Library . . .
Get 50 FREE Solar Viewing Glasses*
Eclipse Image Credit: Luc Viatour / www.Lucnix.be

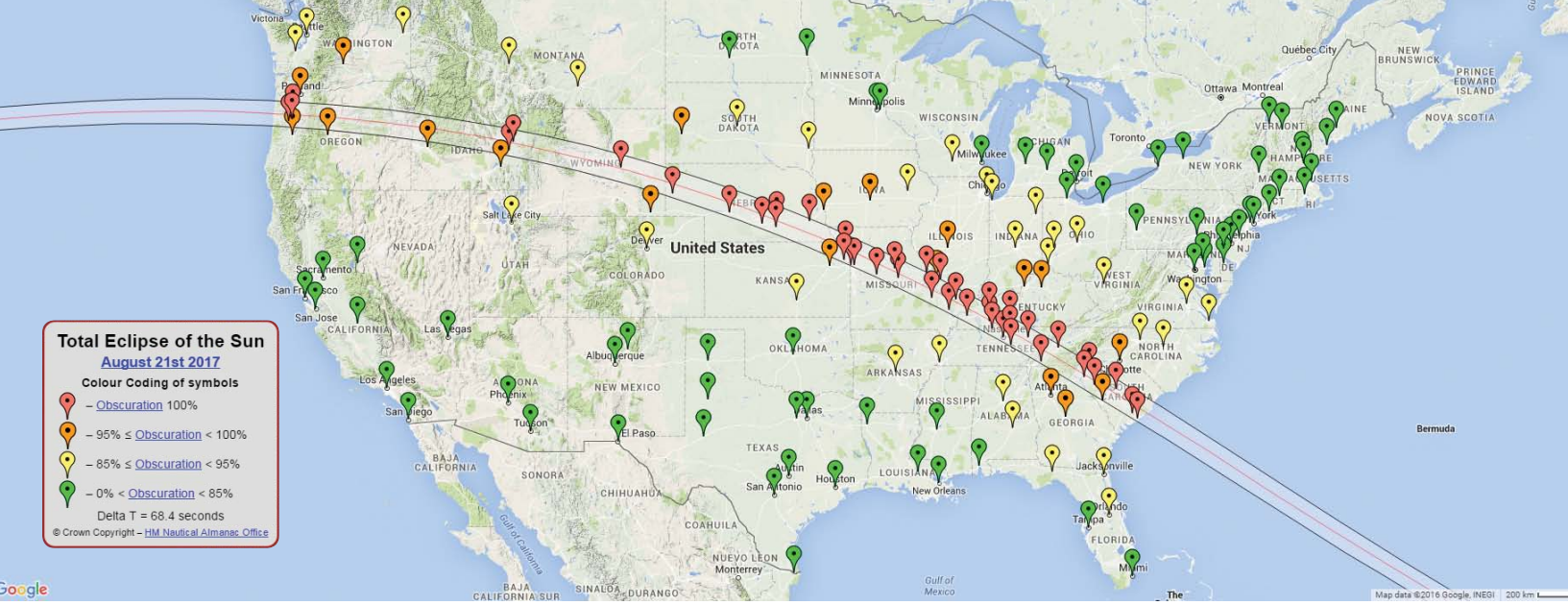

Image Credit: HM Nautical Almanac Office

On August 21, 2017, a total eclipse of the Sun will be visible in the Continental U.S.

Communities in northern Oregon, parts of Idaho, Wyoming, Nebraska, Kansas, Missouri, Illinois, Kentucky, Tennessee, Georgia, and South Carolina will have the chance to see the daytime Sun covered by the Moon. Some communities in these states, such as those marked with red on the map above, will fall directly under the Sun's shadow and have the most ideal view of a total eclipse (weather permitting). For other areas throughout the U.S., the Moon will partially cover the Sun. The map shows examples of communities that will see the Sun partially covered during the eclipse (marked in orange, yellow, or green on the map above).

All ages can safely view the total eclipse. For times when some parts of the Sun are visible, viewers must protect their eyes.

Note: The last total solar eclipse for the U.S. was nearly 40 years ago, and the next total eclipse that will be visible in the Continental US will be in 2024.

Informational Websites

National Science Teachers Assoc.
www.nsta.org/solarscience

NASA's 2017 Eclipse Page
eclipse2017.nasa.gov

Great American Eclipse
www.greatamericaneclipse.com

American Astronomical Society
www.aas.org/education/outreach/eclipse-2017

Eclipse Viewing Guide

NSTA Solar Eclipse Guide
View PDF Document

Educational Webinar

Frontiers in STEM Learning: Eclipse 2017
View PDF Document | View WebEx Recording

Solar Viewing Ideas

1. Make a pinhole viewer (projection in a box)

Visit http://goo.gl/Rq1M4I for important instructions.

2. Partner with a local astronomical society

Visit Night Sky Network at http://nightsky.jpl.nasa.gov/

3. Offer paper eye wear with solar-safe filters

Order far in advance from retailers like Rainbow Symphony

Register Your Public Library at:

http://www.starnetlibraries.org/2017-eclipse-registration/

*** If you register with STAR_Net to host an eclipse event on August 21, 2017, we will provide 50 free solar viewing glasses (on a first come, first serve basis) plus many other vetted eclipse resources shown below.**

Vetted Eclipse Resources

Multimedia for Programming/Promotion
(Images, Video, Animations, Artwork, etc.)

Media Templates Package
(Press Release, PSA, Letter, Media Alert, etc.)

Eclipse Forum (participating libraries)

Enrollment in STAR_Net's Eclipse Newsletter

50 Free Solar Viewing Glasses
(after "Step 2: Submit Promo Piece" is accepted)

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