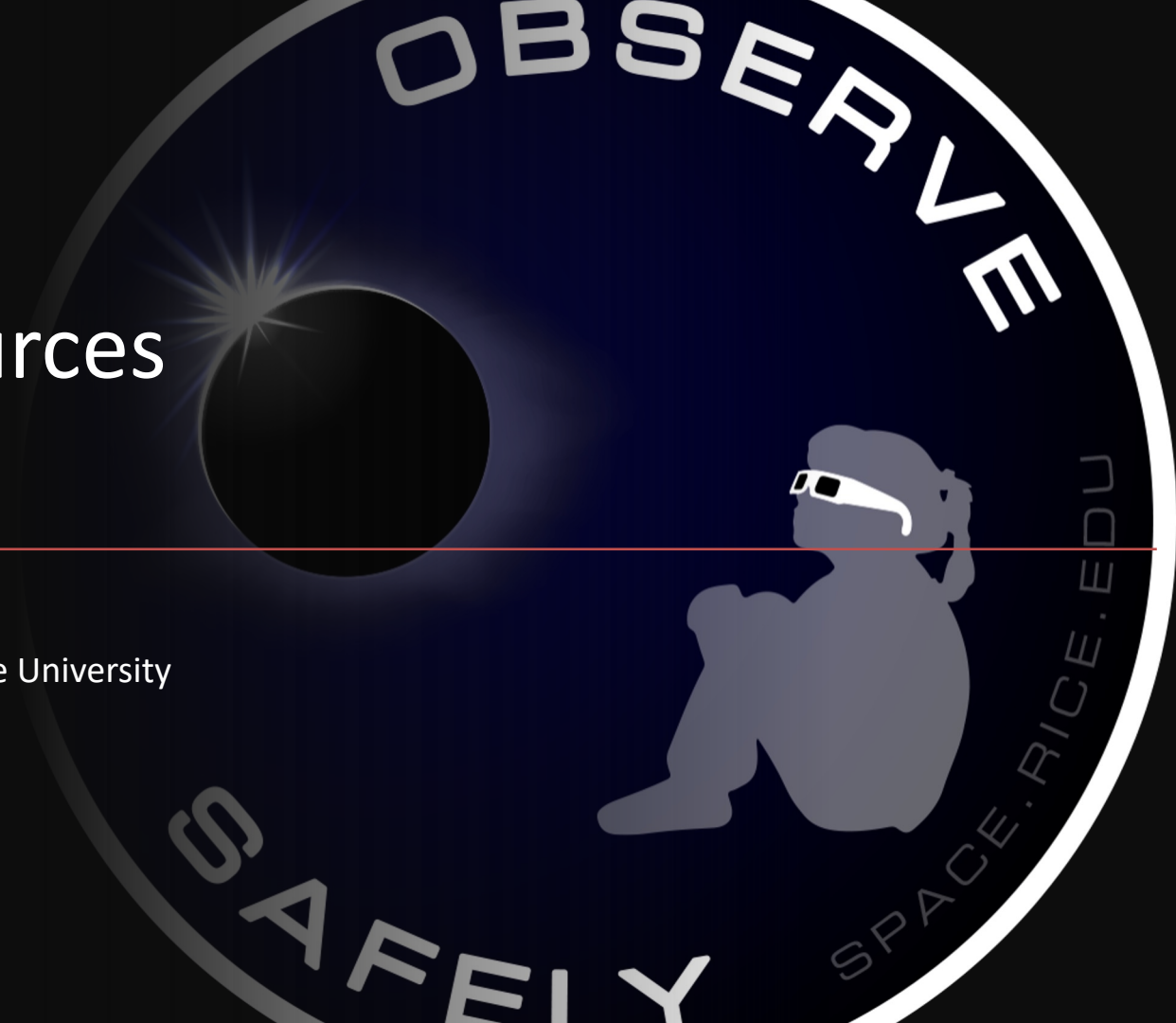


Eclipse Resources

Prof. Patricia Reiff

Dept of Physics & Astronomy, Rice University



space.rice.edu
/eclipse

Includes links to
other sites and all
our materials (FAQ's,
etc)

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Home

Education Resources

Eclipses

- Eclipse Animations
- Eclipse Graphics
- Eclipse Training
- Lunar Eclipse FAQ
- Solar Eclipse FAQ
- Safe Eclipse Observing
- TicTacToe Game

Past Eclipses

- Eclipse 2017
- May 26, 2021 [Total]
- June 10, 2021 [Annular]

Mars

Moon

- Apollo Anniversary
- Apollo Animations
- Artemis Animations
- Sundials
- Video Lectures

Outreach Programs

HEAT

- Reach For The Stars! Festival
- RFTS Archive
- Software Training
- CALENDAR of Shows & Events

Current

- IAO
- MMS Outreach
- Rice / HMNS Partnership "Firsts"
- WSYG - Ham Radio Club

Previous

- CLUSTER Outreach
- CUWIP Meeting 2017
- Dome Loaner Program
- Future Space
- IMAGE Outreach
- Immersive Earth
- Museums Teaching Planet Earth

Eclipses

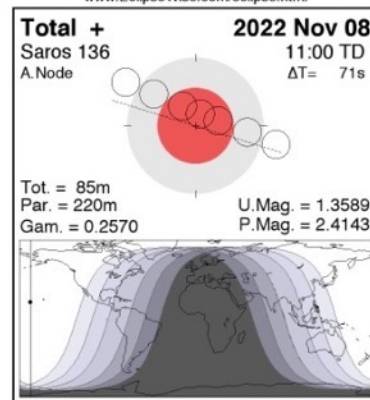
This site contains info, educational resources, and animations about eclipses.

- Sign up for the Rice Space Institute **ECLIPSE NEWSLETTER**
- Visit our **Texas Eclipse Activation Network** site where we are gathering information for the upcoming Texas eclipses of 2023-2024.

UPCOMING ECLIPSES IN THE AMERICAS

November 8, 2022 Total Lunar Eclipse

www.EclipseWise.com/eclipse.html



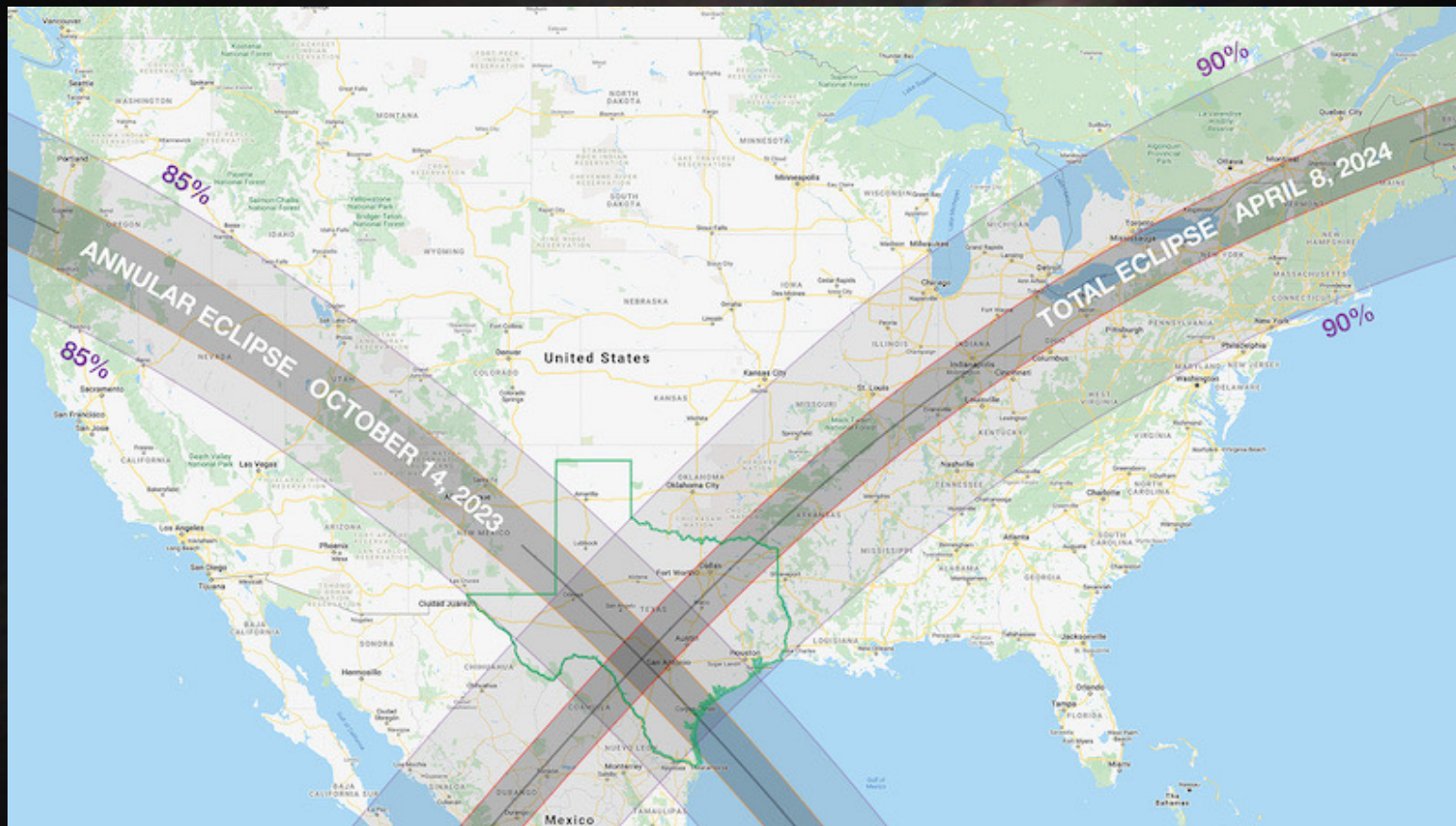
Thousand Year Canon of Lunar Eclipses

©2014 by Fred Espenak

October 14, 2023 Annular solar eclipse | CREDIT: www.greatamericaneclipse.com



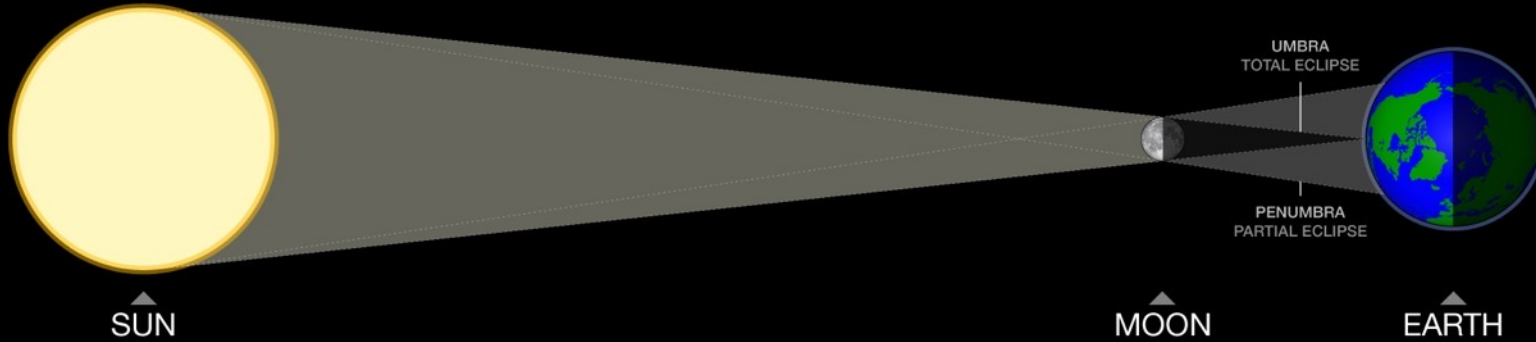
TEXAS NEXUS TexasEclipse.net



FREE Solar Eclipse diagrams

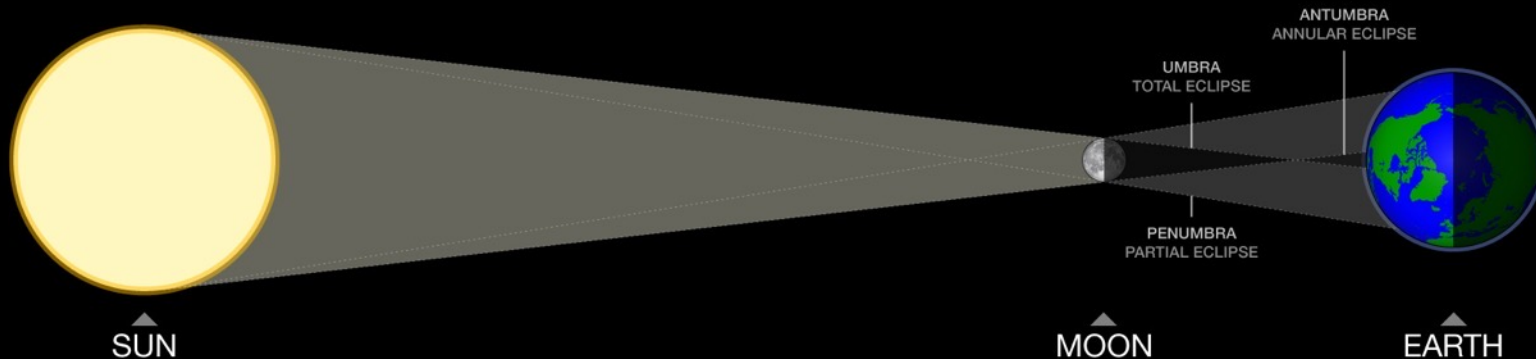
space.rice.edu/eclipse/
reiff@rice.edu

SOLAR ECLIPSE



space.rice.edu/eclipse/
reiff@rice.edu

ANNULAR ECLIPSE

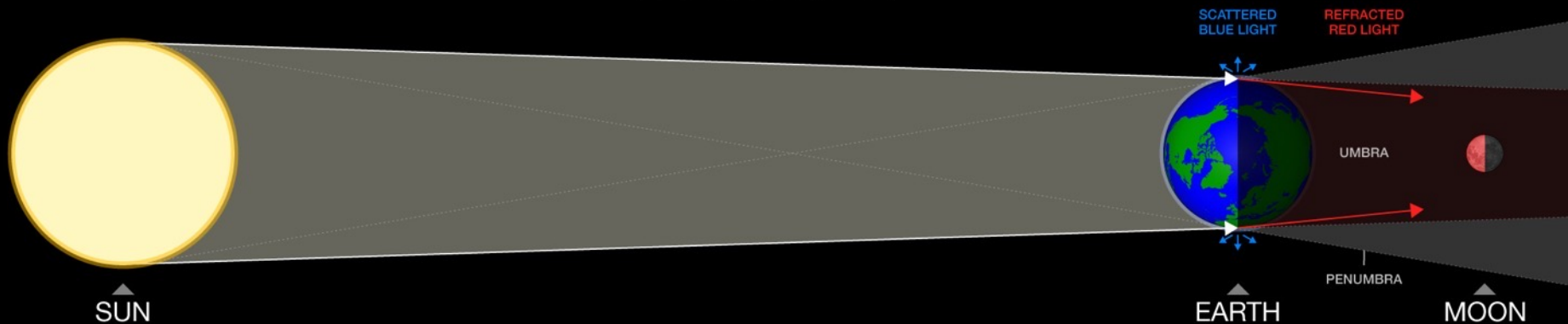


(OBJECTS AND DISTANCES ARE NOT TO SCALE)



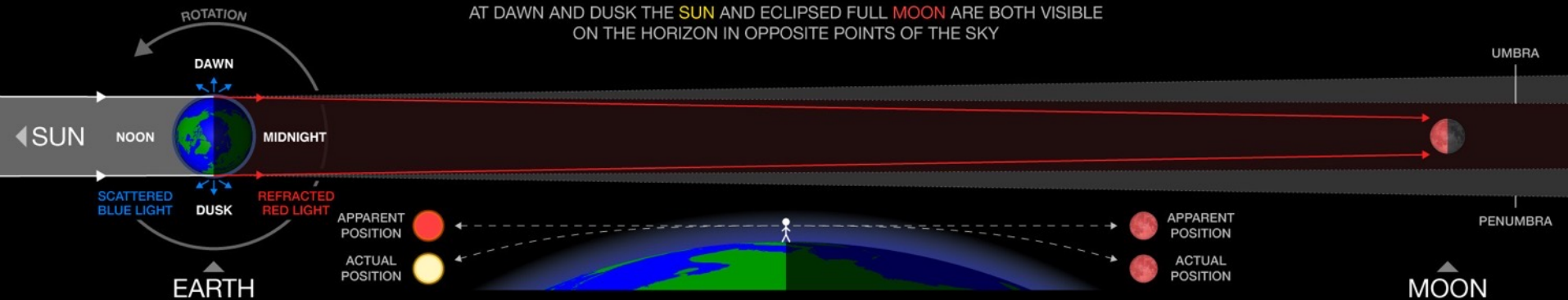
FREE Lunar Eclipse diagrams

LUNAR ECLIPSE



SELENELION PHENOMENON

AT DAWN AND DUSK THE **SUN** AND ECLIPSED FULL **MOON** ARE BOTH VISIBLE ON THE HORIZON IN OPPOSITE POINTS OF THE SKY



(OBJECTS AND DISTANCES ARE NOT TO SCALE)

FREE Solar/Lunar eclipse animations


- Available in full dome (fisheye or warped)
- Available in flatscreen



https://space.rice.edu/eclipse/eclipse_animations.html

reiff@rice.edu

FREE Eclipse TicTacToe Game

- Choose game set (solar / lunar/ annular / all)
 - Create your own questions with the editor
- 
- Rules like Hollywood Squares – no cat games



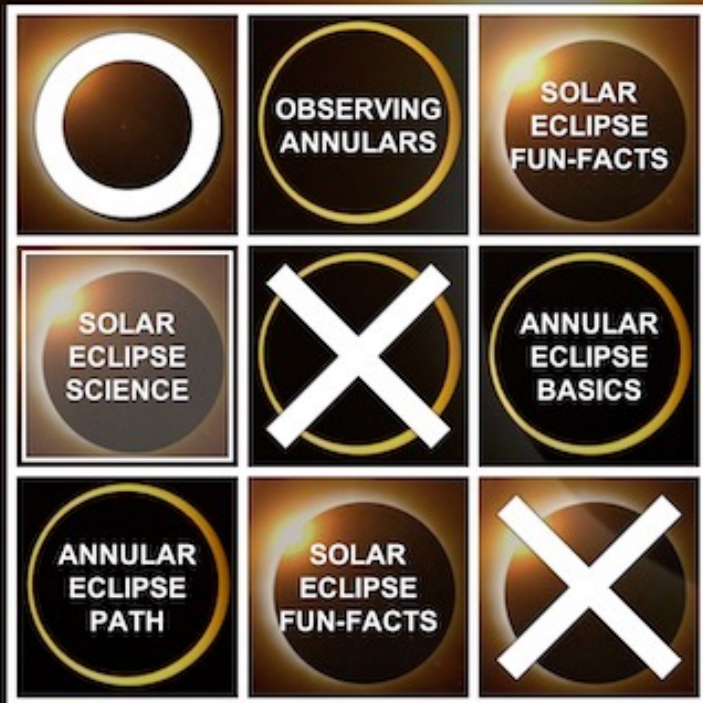
NEW GAME

TIC-TAC-TOE

HELP



ECLIPSES SOLAR ECLIPSES



If there is a total solar eclipse anywhere on Earth, then two weeks before or two weeks after there will be a

A meteor shower

B lunar eclipse

C hurricane

D earthquake



NEW GAME

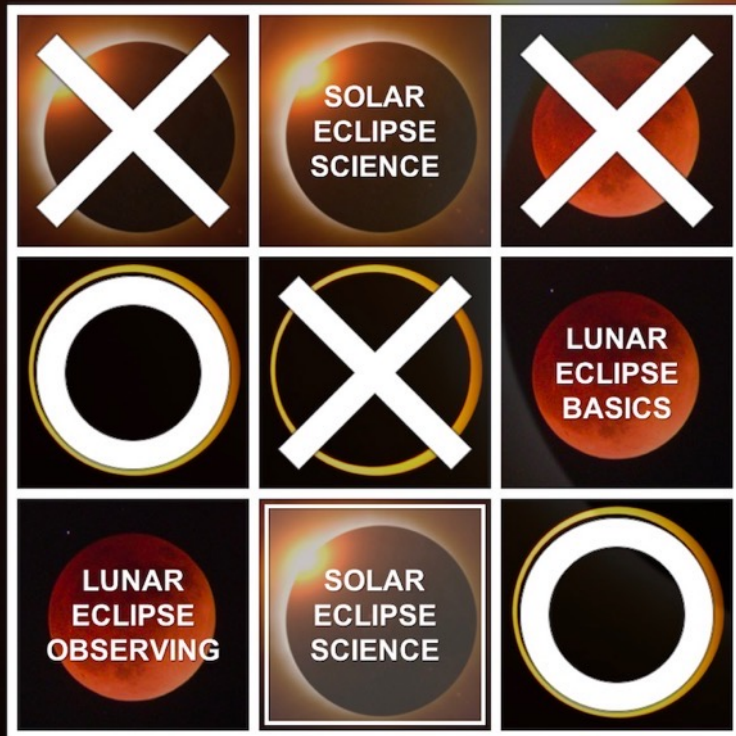
TIC-TAC-TOE

HELP



ECLIPSES

SOLAR ECLIPSES



During totality...

A the winds will die down

B it will start raining

C birds will roost

D all of these

UPCOMING TRAININGS

CAST NOV 10 & 11 (Dallas)

NSTA 2023 (Atlanta)

Download powerpoint at

https://space.rice.edu/eclipse/eclipse_training.html

Join our Eclipse Newsletter

<http://bit.ly/RiceEclipse>

