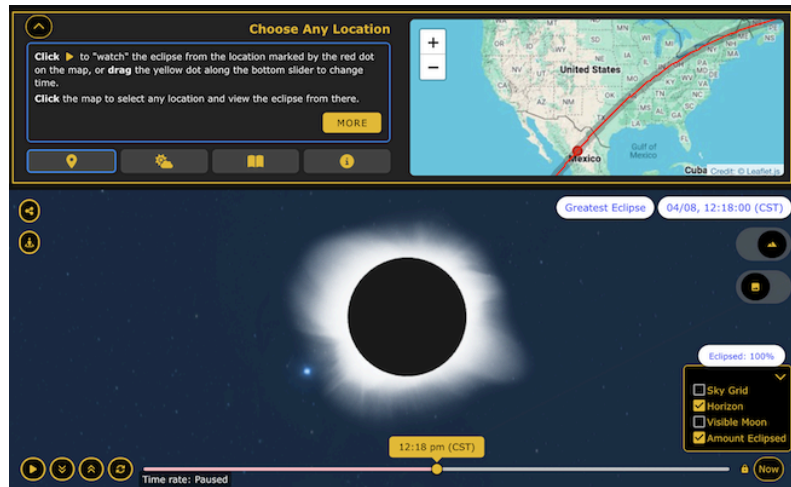


In the Solar Eclipse 2024 Data Story, students can view what the eclipse will look like from any location. Speed up or slow down time and watch what happens as the Moon moves in front of the Sun. Catch the ethereal glow of the Sun's corona during totality, and learn why we do not usually see the corona. See what percent of the Sun will be eclipsed where you live.



Explore historical cloud cover data across the US. Where has it typically been cloudy or clear over the last 20 years? Can this data help you decide where to travel to on April 8, 2024?

- Access the app at: <https://projects.cosmicds.cfa.harvard.edu/solar-eclipse-2024/>
- For the best experience, we recommend running the Data Story in a Chrome browser on a computer or tablet.
- If you have any questions, please email Pat Udomprasert at pudompra@cfa.harvard.edu.

Guided Exploration

We have created a Guided Exploration activity sheet for middle school and high school-aged students.

- Access a printable version of the Guided Exploration. (Click **File** -> **"Make a copy"** in the upper left corner to save your own editable copy of the document):
https://docs.google.com/document/d/1AimTltJmeQZY6KXh7p_V_6gN_m_I_oroEC2bNPoMrAE/view
- Access the Google Form version of the Guided Exploration. (Click **"USE TEMPLATE"** in the upper right corner to save your own editable copy of the form):
<https://docs.google.com/forms/d/1zRi5fljlr4rnFhkZP55mgTWXluA6tPYHkPpZeFBSCVs/teplate/preview>
- PDF of Guided Exploration:
https://drive.google.com/file/d/1fEQ7evOpHSuE09pFWEvKW_B5-6C8CQih/view?usp=drive_link

Other Resources

- NASA's website about the April eclipse:
<https://science.nasa.gov/eclipses/future-eclipses/eclipse-2024/where-when/>
- Infiniscope's Kingdom in Peril lessons on eclipses, available in
 - English: <https://infiniscope.org/collection/3>
 - Spanish: <https://infiniscope.org/collection/6>
- Eclipse Soundscapes citizen science project: <https://eclipsesoundscapes.org/>
- Fiske Planetarium's Science Through Shadows videos:
<https://www.colorado.edu/fiske/projects/science-through-shadows>