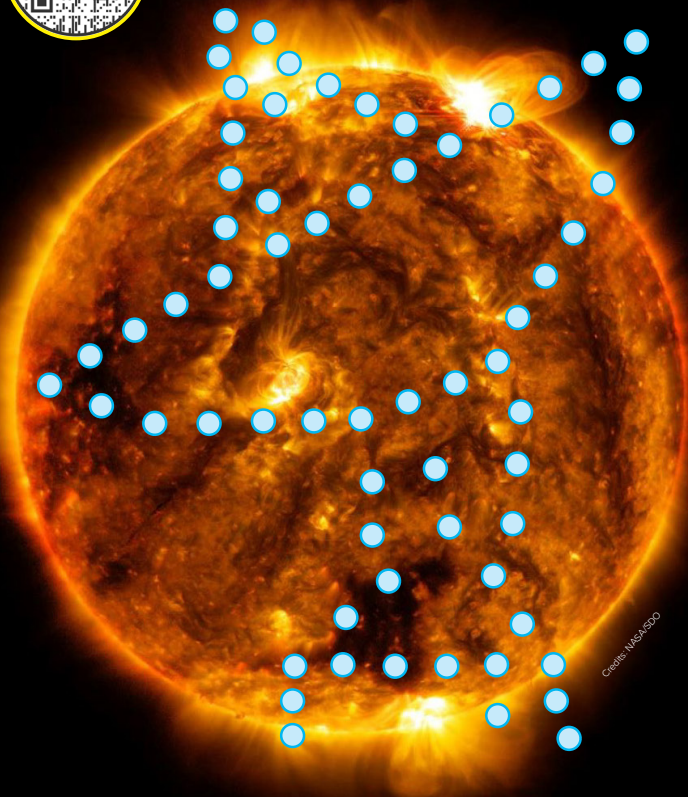




TOTAL SOLAR ECLIPSE



08 APRIL 2024



How to safely use this pinhole projector to view an eclipse:

1. With your back towards the Sun, hold the pinhole projector above your shoulder allowing the Sun to shine on the card.
2. Use the ground or a second sheet of paper as a screen.
3. Position the pinhole projector so that an inverted image of the Sun is projected on the ground or paper through the pinhole.
4. To make the image of the Sun larger, hold the pinhole projector further away from the screen.



**National Radio
Astronomy
Observatory**

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Keeping safe:

- Never look at the Sun directly without protective eye gear. Sunglasses, binoculars, and telescopes do NOT count as protective eye gear.
- Always keep your back towards the Sun while looking at a pinhole projection.

NRAO proudly supports local and national education and student organizations by offering a variety of resources that can be tailored to specific topics and age groups.

Email us at outreach@nrao.edu or visit www.nrao.edu to learn more.

