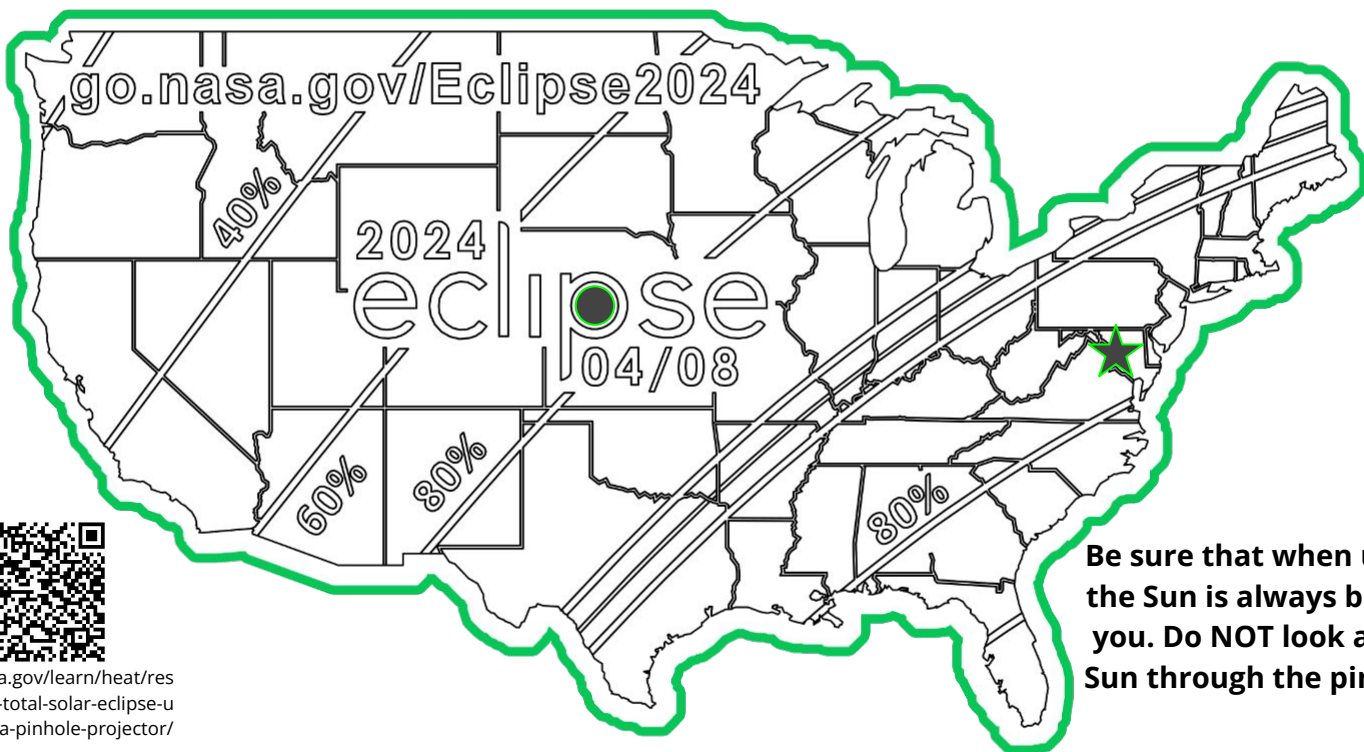




# NASA HEAT Pinhole Projectors & Activity Link

Pinhole projectors allow sunlight to shine through a small hole, projecting the image of the Sun onto a flat surface.

1. Pop-out perforated map.
2. Stand with your back toward the Sun.
3. Hold the map in front of you, approximately one meter above the ground.
4. Observe the projected image of the Sun. What do you see?



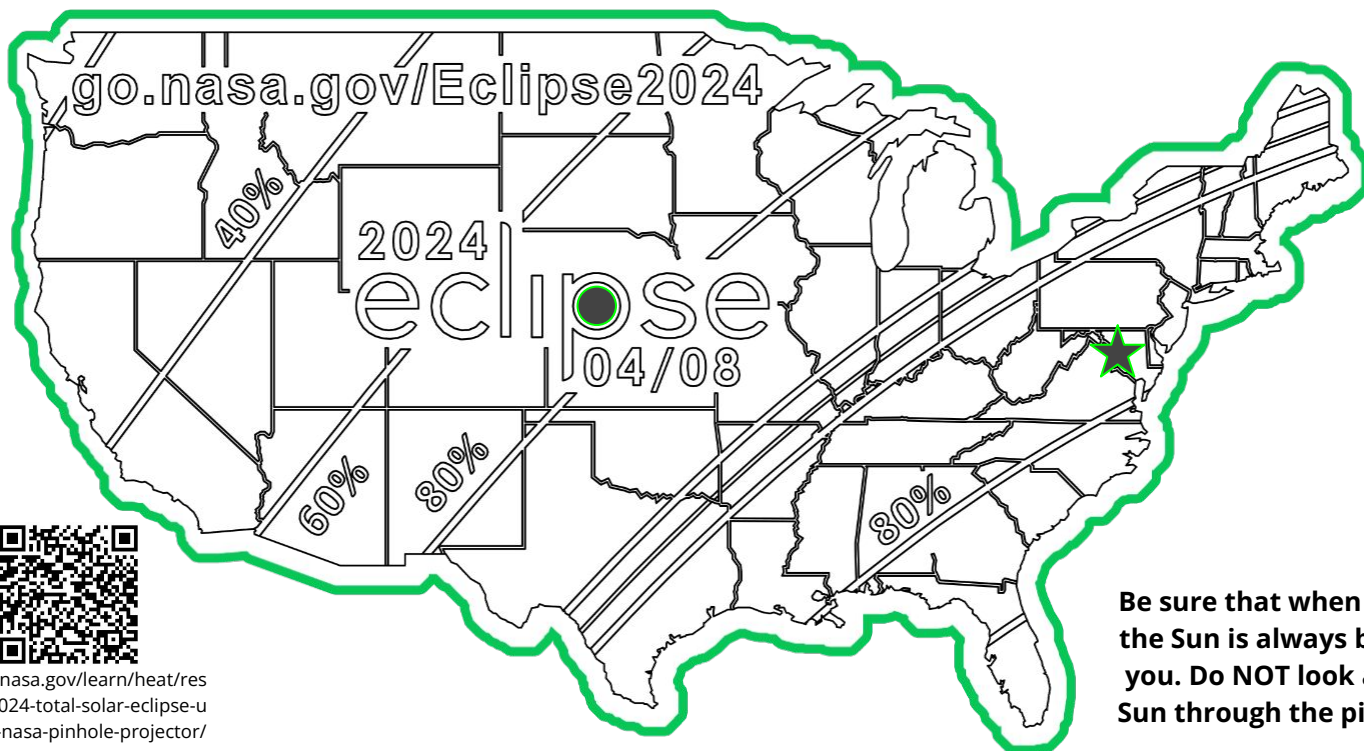
**Be sure that when using, the Sun is always behind you. Do NOT look at the Sun through the pinhole!**

[science.nasa.gov/learn/heat/resource/2024-total-solar-eclipse-usa-map-nasa-pinhole-projector/](https://science.nasa.gov/learn/heat/resource/2024-total-solar-eclipse-usa-map-nasa-pinhole-projector/)

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