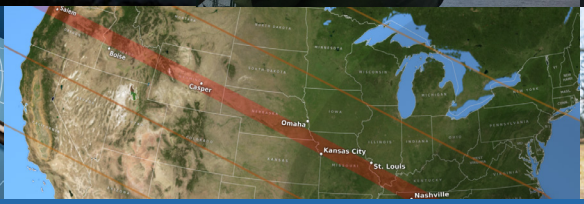
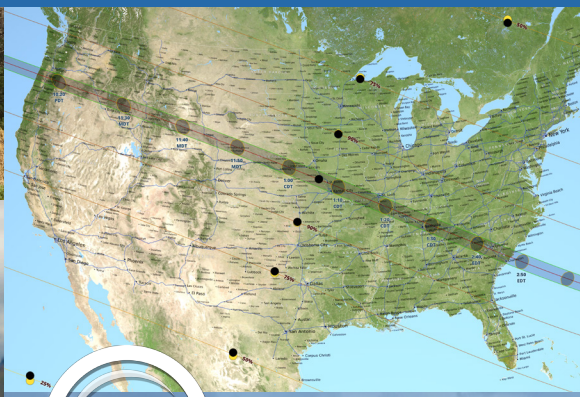
National Aeronautics and Space Administration

# How Cool is the Eclipse?

## Explore the Sun-Earth Connection with GLOBE Observer



# Air Temperature • Cloud Type & Cover • Surface Temperature



# GLOBE Observer

The Earth is solar-powered.
What happens when the sun's light is blocked, even temporarily?
If you measure air and surface temperature, how cool is the eclipse?

Help us answer these questions and others by collecting citizen science data during the 2017 Total Solar Eclipse on August 21, 2017.

- Observe how the eclipse changes atmospheric conditions near you.
- Contribute to a citizen science database used by scientists and students to study the effects of eclipses on the atmosphere.
- Provide comparison data even if you are not in the path of totality.

Learn how to collect data and more about the science connections at **observer.globe.gov/science-connections/eclipse2017**

total Eclipse AUGUST 21 2017

**eclipse2017.nasa.gov**

Eclipse photo: Ben Cooper, LaunchPhotography

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GLOBE

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