

Spring 2024 GLOBE Clouds Workshop Resources

- Day 1
 - [GLOBE Clouds Discussion Forum DAY 1: Clouds Thread](#)
 - [Welcome to The GLOBE Program](#)
 - [NASA's Earth Minute: Cloudy Forecast](#)
 - [Atmosphere Investigation: Cloud Protocol Data Sheet](#)
 - [GLOBE Cloud Cover Practice](#)
 - [Estimating Cloud Cover: A Simulation](#)
 - [Cloud Identification Chart - English](#)
 - [Cloud Identification Chart - Spanish](#)
 - [Cloud Identification Chart - French](#)
 - [Cloud Sort Activity | MyNASAData](#)
 - [Cloud Sort Activity - Key](#)
 - [GLOBE Cloud Type Practice](#)
 - [Contrails](#)
 - [Contrail Simulation](#)
 - [Sky Window: Cloud and Sky Observations Aid](#)
 - [Cloud Clues: Cloud Opacity Activity](#)
 - [Create a GLOBE Data Entry Site](#)
 - [GLOBE Observer: Clouds - Getting Started](#)
 - [Satellite Matching](#)
 - [GLOBE Educator One-Week Pacing Guide: Clouds and Energy Budget](#)
 - [Thermometers - GLOBE Equipment Suppliers](#)
 - [Low clouds on average cool our atmosphere, while high clouds on average tend to warm the atmosphere](#)
- Day 2
 - [How Do Clouds Form - Video](#)
 - [Why Does the Sun Matter for Earth's Energy Budget - NASA Video](#)
 - [Air Temperature Protocol](#)
 - [Earth Observatory World of Change: Global Temperatures](#)
 - [Air Temperature Instrument Specifications \(see p. 25\)](#)
 - [Thermometer Calibration Guide](#)
 - [Build a Thermometer Activity](#)
 - [Build an Instrument Shelter](#)
 - [Study the Instrument Shelter Activity](#)
 - [From Weather to Climate Activity](#)
 - [Digital Multi-Day Thermometer Data Sheet](#)
 - [GLOBE Eclipse Air Temperature Video](#)
 - [NASA Space Place, What is a Solar Eclipse Video](#)
 - [GLOBE Air Temperature Animation from solar eclipse on 21 August 2017](#)
 - [GLOBE Observer Publications](#)
 - [NASA Eclipse Safety Page](#)

- [How to Observe with GLOBE Eclipse Video](#)
- [GLOBE Eclipse Resource Library](#)
- [Solar Eclipse Journal](#)
- [GLOBE Eclipse Challenge](#)
- Day 3
 - [Urban heat island for students](#)
 - [Urban heat island in Toledo, OH](#)
 - [Using Landsat to observe urban heat island anywhere using Google Earth Engine](#)
- Day 4-5
 -  [TEMPLATE - Atmosphere Changes Before & After Solar Eclipse - April 8 2...](#)
 -  [Eclipse Research Project Template](#)
 - [Supporting GLOBE Student Investigations of the Eclipse \(blog\)](#)
 - [International Virtual Science Symposium - GLOBE.gov](#)
 - [Student Research Symposia - United States of America - GLOBE.gov](#)

General

- [Protocol eTraining - GLOBE.gov](#)
- [GLOBE Clouds Discussion Forum](#)
- [ARSET - Fundamentals of Remote Sensing | NASA Applied Sciences](#)