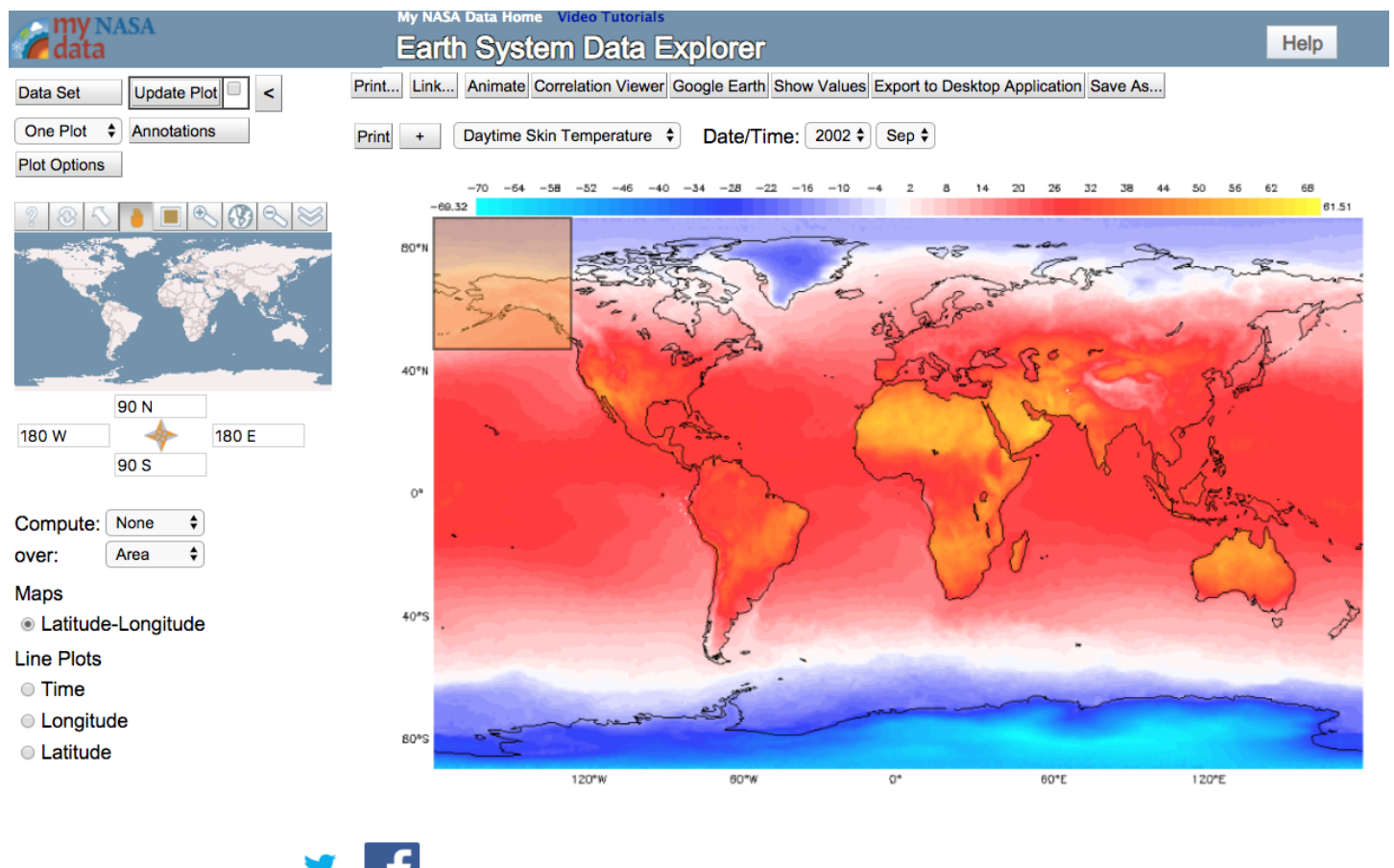


Tutorials

Visit these videos to learn how to use the My NASA Data's Data Visualization Tool, [Earth Systems Data Explorer](#).

<https://mynasadata-las.larc.nasa.gov/EarthSystemLAS/>



1. Getting Started with Earth System Data Explorer

This video introduces:

- Locating Data Sets
- Adjusting the location
- Adjusting the time setting of data
- Analyzing data with "Compare 2" & "Compare 4" features - Exporting information

2. ***Creating Animations with the MND Earth System Data Explorer***

This video introduces:

- Rendering animations using data
- Operating the media player with the rendered animation

3. ***Using Google Earth with the MND Earth System Data Explorer***

This video introduces:

- Selecting Data Sets
- Exporting information to Google Earth

4. ***Using Coordinates with the MND Earth System Data Explorer***

This video introduces:

- Selecting datasets
- Selecting geographic area using coordinates

5. ***Using Data Analysis Tools with Earth System Data Explorer***

This video introduces:

- Common Plot Options
- Show Values Option

Before engaging students in an interpretation of data using maps and satellite imagery, review these tips:

- [How to Interpret a Satellite Image: Five Tips and Strategies](#)
 - [Why is that Forest Red and that Cloud Blue? How to Interpret a False-Color Satellite Image](#)
 - [Turning Wavelength Data Into an Image](#)
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- [How to Interpret Common False Color Images](#)
- [Defining Colors in Satellite Images](#)
- Additional articles and educational activities about interpreting satellite images are available on the NASA Earth Science Week website, [Mapping Our World](#). This interactive visualization allows you to explore data sets from over a dozen NASA Earth science missions for 25 unique views of our world.

Mapping Our World

NASA satellites have been mapping Earth for over 40 years. These global observations of the atmosphere, biosphere, land surface, and oceans enable an improved understanding of the Earth as an integrated system. The images above feature data from over a dozen Earth observation missions.

A Forest Fire
 Terra-1/250 - The MODIS sensor captures a global view of the Earth's surface and atmosphere. The MODIS sensor captures a global view of the Earth's surface and atmosphere. The MODIS sensor captures a global view of the Earth's surface and atmosphere.

B Sea Surface Temperature (SST)
 Aqua-1/250 - The SeaWiFS sensor captures a global view of the Earth's surface and atmosphere. The SeaWiFS sensor captures a global view of the Earth's surface and atmosphere.

C Chlorophyll-a
 Aqua-1/250 - The SeaWiFS sensor captures a global view of the Earth's surface and atmosphere. The SeaWiFS sensor captures a global view of the Earth's surface and atmosphere.

D Sea Surface Salinity (SSS)
 Aquarius-1/250 - The Aquarius sensor captures a global view of the Earth's surface and atmosphere. The Aquarius sensor captures a global view of the Earth's surface and atmosphere.

E Sea Surface Temperature (SST)
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Tags

- [Earth System Data Explorer](#)
- [LAS](#)
- [Data Visualization Tool](#)
- [Satellite Imagery Tips](#)

Related Links

- [Earth System Data Explorer](#)