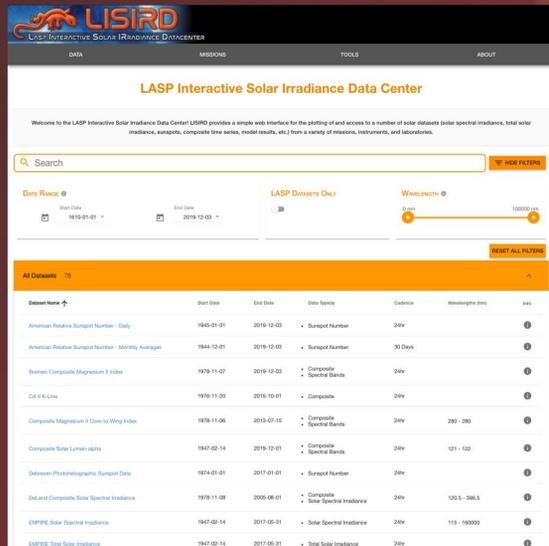


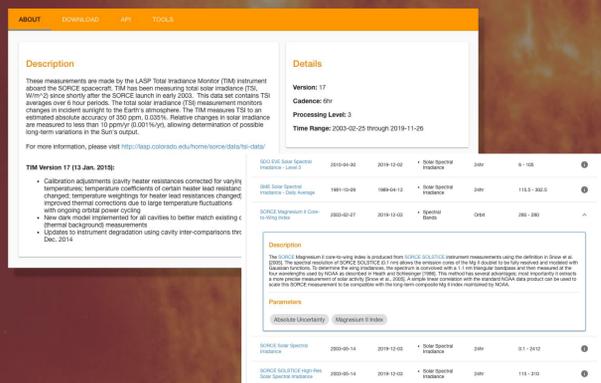
# Over 75 Solar Datasets

## From LASP, NASA, NOAA, NSO, and more!

### Discover

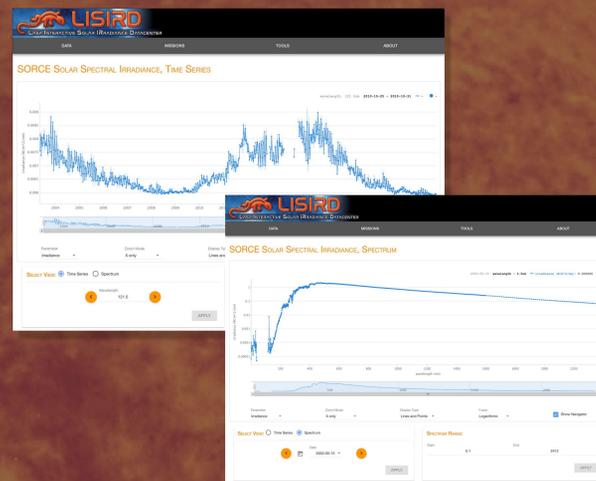


Search and filter controls to help quickly find applicable datasets



Detailed metadata

### Visualize

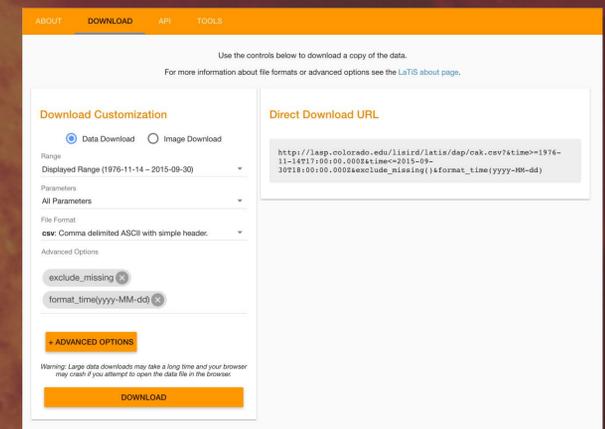


Time series and spectrum views for SSI datasets

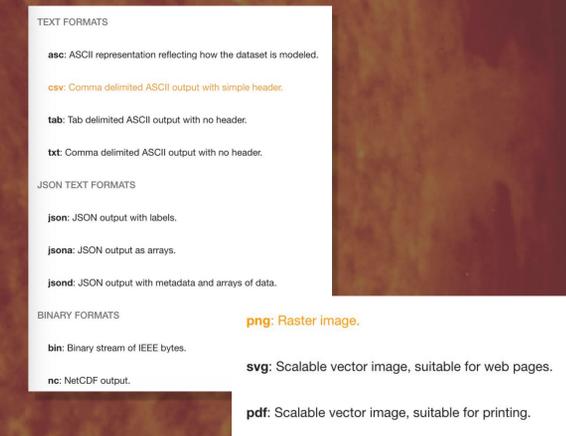


Intuitive plot interaction tools

### Download



Download customization options  
Great for keeping file sizes small by getting only the data you need



Numerous download formats

### Overview

The LASP Interactive Solar Irradiance Datacenter (LISIRD) is a website that provides convenient, standardized access to solar data from a variety of space missions, instruments, models, and laboratories. LISIRD provides several types of data, including solar spectral irradiance, total solar irradiance, spectral bands, sunspot number, and composite.

### Objectives

The primary objectives of LISIRD include:

- **Discoverability:** Make solar data more openly available.
- **Standardization:** Offer a common interface for otherwise disparate data.
- **Modernization:** Rethink how data can be accessed beyond just static files on a server.
- **Analyzability:** Offer data that is analysis ready by removing preprocessing overhead.

### Improvements

The LASP web team is in the process of upgrading LISIRD. By the fall of 2020, you can expect several new features, including:

- Image datasets made available through an interactive image viewer.
- Better integration with tools like Python, Jupyter Notebooks, and SunPy.
- Easier comparative analysis by displaying multiple datasets on the same plot or page.
- The ability to save and share specific configurations of plots and groups of plots.

### Contact Us

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Feel free to contact us with any questions, feedback, or suggestions for datasets you'd like offered through LISIRD.

