

The LASP Interactive Solar Irradiance Datacenter (LISIRD)

Martin Snow [marty.snow@lasp.colorado.edu], Tom Woods, Frank Eparvier, Juan Fontenla, Jerry Harder, Bill McClintock, Chris Pankratz, and Erik Richard, Laboratory for Atmospheric and Space Physics, University of Colorado, Boulder.

The LASP Interactive Solar Irradiance Datacenter (LISIRD) is your one-stop shopping source for all your solar irradiance data needs. It includes all data products from the SORCE mission, as well as TIMED-SEE, UARS SOLSTICE, and SME. Our goal is to make our irradiance data as easy to use as possible. Users can easily get data that spans multiple instruments or missions, either in wavelength or in time. In addition to irradiance measurements, LISIRD also hosts synthetic spectra produced by the Solar Radiation Physical Model (SRPM) (Fontenla) and the Flare Irradiance Spectral Model (FISM) (Chamberlin). Images from the Precision Solar Photometric Telescope (PSPT) will also be available for download in the near future.