

Highlights from 17 Years of *SORCE* / *SOLSTICE* Observations

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The SOLar-STellar Irradiance Comparison Experiment (SOLSTICE) has been measuring solar spectral irradiance (SSI) since early 2003. SOLSTICE observes from 115-300 nm with a spectral resolution of 0.1 nm. In addition to the daily solar measurements, we have also observed spectral irradiance from bright stars, the Moon, and comets. Stellar occultations at 140 and 240 nm have measured atmospheric O₂ and O₃. SOLSTICE has even measured the evolution of the South Atlantic Anomaly. This talk will summarize the highlights of the SOLSTICE data record over the last seventeen years.