

“Variability” in the TSI Over the *SORCE* Mission –and Beyond

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Knowledge of the total solar irradiance (TSI) has improved during the *SORCE* mission as a result of more inter-instrument and inter-institute calibration collaborations, resulting in more community (rather than solar) “variability” to the TSI record over the last 11 years. I’ll give an overview of these *SORCE*-era changes, describing how they have led to the current state of TSI knowledge, and discuss the current measurement status, particularly regarding the lack of recent *SORCE*/TIM measurements. I’ll then discuss recent progress in this ever-variable field, including the late-2013 launch of and first measurements from the TCTE/TIM, which should be followed by upcoming TSI instruments on both *NorSat-1* and *JPSS*.