

Modeling TSI Variations using Photometric Images from the San Fernando Observatory
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Photometric observations at the San Fernando Observatory beginning in 1986 have been able to precisely model variations of satellite measurements of the Total Solar Irradiance (TSI) with a daily uncertainty of approximately 100 ppm. The precise modeling of satellite TSI variations is only possible if the quiet Sun is not variable. Examples of modeling efforts with several spacecraft experiments will be discussed.