

Observations of Solar Variability in the 240-2400 nm Range using SORCE SIM

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The SORCE SIM provides data in the 240-2400 nm range over the time range of April 2003 to May of 2011. Version 19 of the SIM data corrects a number of long-standing issues in the data set, but additional corrections and refinements are planned for version 20 SIM processing to provide better corrections after September of 2010 time period where satellite safe-hold events and instrument power cycling necessitate additional data corrections. We report on the long-term uncertainties associated with version 19 processing and the corrections needed to continue the time series to late July 2013. The SIM time series will also be used to show differences between the descending phase of Cycle 23 and the rising phase of Cycle 24, both on short and longer term time scales.