

TRACE OBSERVATIONS

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Lecture

- * The TRACE Instrument
 - + EUV Multilayers (171, 195, 284) - Design and Response
 - + Broad-Band UV Filters (1216, 1550, 1600, 1700, and white light)
 - + TRACE Observing in Practice
- * A Quick Look at the TRACE Data Browser
- * Processing TRACE data
 - + TRACE software in SSWIDL
 - + Running TRACE_PREP (dark current subtraction and flat fielding)
 - + Co-Alignment Issues
 - + Despiking
- * Some Example TRACE Observations

Hands-On

- * An Example in Detail: The July 14, 2002 C2 Flare Observed With TRACE and RHESSI.

TRACE observations for this flare consist of very high cadence (about 2s) 1600 images. We will discuss the processing and analysis of these data and their relationship to RHESSI and MDI observations.