Data and Orbits

at SPDF

http://spdf.gsfc.nasa.gov
CDAWeb - THEMIS data

- Level-2 Data from all 4 Instruments on all 5 Satellites
- Ground Magnetometer Data from 42 stations (GBO, GEONS)
- NEW: Keograms from 22 All-Sky-Imagers (ASI) going back to 2005.
- All data updated daily (auto-ingest) from THEMIS data site.
- GIF-Walk: pre-generated Magnetopause Crossing Survey plots (David Sibeck, NASA GSFC)

http://cdaweb.gsfc.nasa.gov
CDAWeb - News

- November 25, 2008: All THEMIS L2 FIT files reprocessed to fix data problem - new files available in CDAWeb on November 24, 2008.

- November 10, 2008: CDAWeb has been updated to contain all of the newly reprocessed THEMIS ESA, FGM, SST and State files. This new version of the THEMIS L2 ESA files contain data quality variables (which are applied to the marked variables when plotted).

- New functionality added to all output pages: Previous/Next buttons produce the next or previous plot, listing or cdf.

- Postscript and PDF plotting files now supported for all plot types except images.

http://cdaweb.gsfc.nasa.gov
CDAWeb - Other Data

- Many data products of THEMIS interest: ACE, Cluster, Geotail, FAST, NOAA, GOES, LANL, Wind …

- ITM data to study storm effects in ITM region: TIMED, ROCSAT, GPS (under development)

http://cdaweb.gsfc.nasa.gov
SSCweb

TIPSOD

Orbits for most science satellites, updated regularly and often including predicts.

TIPSOD

4-D orbit viewer

Saved queries for typical THEMIS-related SSCweb runs (1-click access).

http://sscweb.gsfc.nasa.gov
Common Data Format- CDF

- CDF Version 3.2.2 release, fixes memory leak and ReadOnly mode problems, and includes some changes for the tool programs.
- CDF Patch for Matlab
- CDF Patch for IDL 6+ (strongly recommended)
- CDF's Java Network Launching Protocol latest development

http://cdf.gsfc.nasa.gov