

STEREO Science Center Operating Status

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Archived Data

- MOC Ancillary Data
 - Some reorganization by year and month applied to archived version
 - SPICE ephemerides and attitude history files processed and installed in SolarSoft
- Instrument Data
 - Synced from instrument sites
 - New data product types added as they become available
 - S/WAVES burst data (combined with WIND/WAVES) updated as needed
- Beacon Data
 - Processed in real time

Services

- Main website at stereo-ssc.nascom.nasa.gov for scientific community
 - Realtime beacon data
 - Daily browse data
 - Plots by Carrington rotation
 - “Where is STEREO?” page and Orbit Tool
 - Planning calendar and resources
- Public website at stereo.gsfc.nasa.gov
 - Mirror of beacon and browse images/plots
 - Public outlink resources, galleries, etc.

Hardware

- Most of the current servers use Mac OSX. These are in the process of being migrated to Linux servers for better long-term management.
- Few problems are anticipated in the change in operating systems. Most work done in IDL, and the IDL routines involved are already platform-independent by design.
 - Many were originally developed under Linux.
- SECCHI beacon processing currently includes a PowerPC executable which has required a legacy Mac OSX system up until now. However, a Linux replacement has been acquired, and the changes needed for other parts of the pipeline are well understood.
- Archive volumes, including software storage, are integrated into the Solar Data Analysis Center (SDAC), and managed by them.