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.