

Transition of EOS data to the Long-Term Archive

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Transition of V0 data to USGS

Within the MOU NASA has agreed to:

Transfer responsibility for active long-term archiving and appropriate science support activities for NASA data archives to the USGS at agreed upon future dates in accordance with approved coordinated program definition and implementation plans.

And conversely, the USGS has agreed to:

Assume responsibility at a future agreed upon time for active long-term archiving and appropriate science support activities for those NASA experimental land remotely sensed data in the active short-term archives in accordance with approved coordinated program definition and implementation plans.

Transition of V0 data to USGS

- ◆ Annex to the MOU was created
 - Written and Signed by NASA and USGS
 - Both NASA and USGS agreed to
 - ◆ Physical Requirements
 - ◆ Metadata Requirements
 - ◆ Policy Requirements
 - Transition Completed on October 1, 2004
 - Data already stored on USGS system
 - Largely a paperwork transfer
 - USGS continues to enhance search and order capabilities using Earth Explorer and Glovis

Transition of V0 data to USGS

- ◆ Version 0 datasets transitioned
 - Global Land Cover Characterization
 - GTOPO30
 - Hydro 1K
 - NALC Triplicates
 - NLDC MSS and TM Scenes
 - Master Airborne Simulator
 - AVHRR 10 Day Composites

Transition of V0 data to USGS

- ◆ Version 0 datasets transitioned
 - AVHRR Global Composites Bands
 - AVHRR Global NDVI CD June 1992
 - AVHRR 1KM Orbital Segments
 - GLCTS
 - Aircraft Scanners
 - MASTER
 - Humid Tropical Forest Inventory (HTFI) Scenes

Transition of V0 data to USGS

◆ SIR-C

- Transferred to USGS from NASA
- Continue to distribute processed data
- Hardware failed
- In-process
 - ◆ Will use Landsat hardware to ingest D1 tapes
 - ◆ Received SRTM code from JPL
 - ◆ Modifying it to convert raw SIR-C to file structure
 - ◆ Creating an archive format

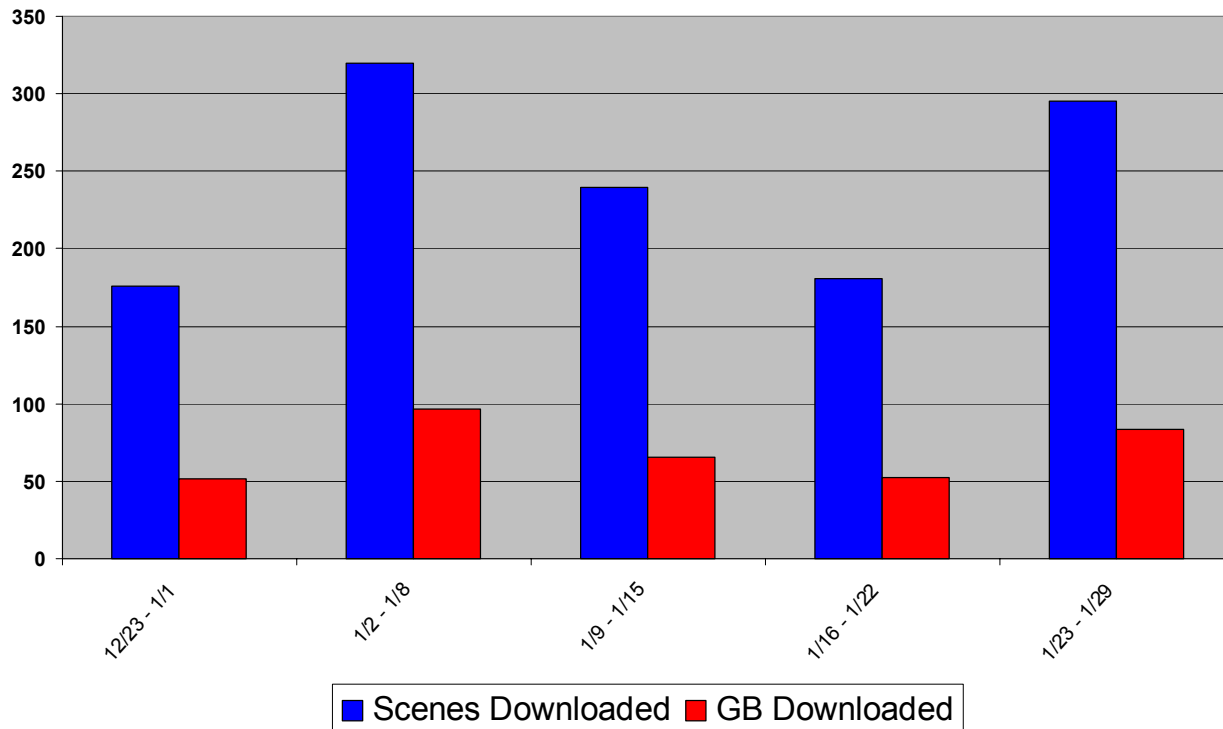
Other NASA Data in USGS LTA

- ◆ Landsat Orthorectified (EarthSat Data Buy)
 - Orderable through Earth Explorer
 - Orderable through GLOVIS
 - Downloadable “free” to the customers
 - Can be purchased for COFUR at USGS rates (\$30/file ftp, \$45/CD, \$60/DVD with stacking allowed in some cases)
 - Generally low volume of sales

Other NASA Data in USGS LTA

Web Enabled Landsat Ortho Downloads by Week

Total Successful Downloads = 1212 Scenes, 349 GB



Other NASA Data in USGS LTA

◆ SRTM

- Archive

- ◆ Research Grade from JPL
- ◆ Finished Grade from NGA

- Distributed

- ◆ Through Seamless Server
- ◆ Through DVD media
- ◆ Through ftp Server

Other NASA Data in USGS LTA

- ◆ EO-1
 - Archive Level 0 data from NASA
 - Process ALI to
 - ◆ Systematically corrected product
 - ◆ Systematically terrain corrected product
 - ◆ Use SRTM to terrain correct the product
 - In-process of correcting Hyperion
 - ◆ Will generate a systematically terrain corrected product