08/22/2007 CERES Data Management Team Meeting

Upcoming Events:

Nov 11-14, 2007: Fall CERES **Science Team Meeting** in Victoria, BC, Canada

Notes from the previous meeting (08/08/2007)

ASDC:

MODIS file problems were reduced but still persisted when ASDC staged them for ValR13B processing the second time around. Rapid staging of MODIS files wasn't including MD5 checksum for all files. Hopefully no other files staged at ASDC have had similar problems. (No other files are staged at the rate, or have the volume, of MODIS.)

Database transition from Informix to PostgresSQL is scheduled for August 13 or 14. ASDC will not be inviting everyone to test with the new database prior to the transition, but Erika may provide testing information to the DMT. Problems encountered should be mailed to Jimmy Rowe and copied to Chris Harris. Erika plans to send e-mail shortly after this meeting ends.

Perl location: SCF and ASDC will link perl to the same location. E-mail will be sent to everyone stating the final location.

Disk space is at 99%. *Warlock* processing to halt shortly. FSW processing has not started due to disk space problems.

3.4.3 compiler without Ada was built successfully for *magneto*. Everything is now ready for Scott.

SCF:

SCF encountered power outage and A/C problems early this week.

/QA went away when *thunder* and *lightning* disks were removed. SEC to discuss /QA.

No one has had access to *thunder* and *lightning* disks for 2 weeks. There will be no recourse to obtain any data from these disks after this week.

Chris Dwan of BioTeam has been here since Monday to consult on cluster and SAN. He'll be working to increase cluster stability and come up with redundancies. May need training on how to deal with redundancies. At 2PM today, Chris to meet with Denise, Tom, and Walt to kick around current SAN usage.

Anyone with specific questions about the Server Information table is asked to send the question to help@asdsun and address the question to the responsible party (listed in parenthesis).

Web pages are being copied to SAN and Webserver design is in progress, but the rate is slower than expected. Issues are still getting worked with Calipso.

Look for SAN improvements which improve stability, increase accessibility, and grow the system (expected to double in size!) There is currently no regular maintenance for the SAN, but it may be coming. Hopefully it won't be very intrusive, perhaps restricted access from particular machine as it's occurring.

SEC:
Meeting immediately after DMT.

Jan'06 added to Terra Edition2F and Aqua Edition2C SSF requests.

SUBSYSTEM STATUS:
CM – No SCCRs.
Instrument – Terra having Xband data issues, related to antenna, not affecting CERES. CERES FM5 hardware expected to be delivered next Summer. Next code delivery will be the last one in Ada. FM6A to be built from spare parts with modifications to bridge gap between CERES and CERES-2. Hoping to get FM6A a ride on C-1 instead of NPOESS.
Clouds – Sunny working with Mike Little on VIIRS subsetting and data specifications related to NPP.
Convolution – An additional day of Clouds processed using MERRA MOA input. Eclipse flag worked in ValR13B.
MOA – No news regarding 2004 seasonal months of MERRA from GMAO. In current GEOS-4 deliveries from GMAO, the first day of the next month is always included. Ask for same for MERRA.
Synoptic SARB – Processing 1 global month of Beta4 at SCF.

Agenda:

ASDC Status
- SI&T
- Interfaces
- Operations
- User Services

SCF Status

SEC activities

DM System Issues and Status
- Processing Priorities
- Schedule
- SCCRs
- Instrument Special operations
- Subsystem Reports

Other – MERRA update
– *magneto* status?