

2/8/06 CERES Data Management Team Meeting

Agenda and Notes from last (1/25/06) Meeting

Upcoming Events:

Spring CERES Science Team Meeting in Williamsburg, May 2-4, 2006
Fall'06 CERES Science Team Meeting at GISS (NYC), early Nov'06 ?

Priorities:

Near-term Processing:

- Terra Edition2D SRBAVG for 3/00 – 2/03
- Terra Beta6 SRBAVG for 3/03 – 12/04
- Edition1-CV/Ed1-NoSW-CV BDS/ERBElke
- Aqua Edition2A SSF/SFC/SRBAVG
- Aqua Edition2A CRS/FSW

Long-term Processing: Terra and Aqua Edition2 AVG

Data Management

- Code Conversion
 - Delivery process to IBM cluster
 - Mainstream SARB conversion
 - Synoptic SARB
- SCF
 - Zamboanga cluster configuration and testing
 - ceresarchive movement to new platform

Notes from last meeting:

At 1/11/06 meeting it was stated that John Robbins would give Danny sweeping requirements and Danny would put a cron job in place for cleanup. John and Danny talked on 1/24/06. John will formalize the needed information and send it to Danny. Included will be inclusion directories. First cut at sweeper will be run twice a month (~ every 15 days). Original sweeper script written by Rick Puckett (SAIC) many years ago. Number of files and types of files have changed since then.

Warlock crashed at 3AM on 1/22/06. ASDC is investigating. Numerous TISA averaging jobs were running and TISA avg is suspected cause of crash.

Cluster status same as 2 weeks ago.

ASDC disk space 87% full. Operations plans to run Terra one month at a time and remove files as they go along. Same is true for Inversion.

Tak's Earth Observatory Images are now featured on home page.

All new data sets are Science Team Only view.

SDS information tool that runs with IDL virtual machine is available from CERES Tools Page. It includes how to find an index number.

Relocation of 3 fiber switches mentioned last time is complete. Most equipment in place for final configuration. May require some down time before finishing in first half of February'05.

Renewing look at S4P for submitting jobs on cluster. S4P stations would be provided to ASDC. Scott Zentz, Danny Mangosing, and Jeff Walters are working on this.

Pat Owens is surveying all disks. A storage policy will be implemented to provide groups the storage they need. All/most disks over 50% full. Baselineing what CERES has. John Robbins is storage czar – knows which group using what. If need space, contact John.

EOS not renewing IDL licenses for SCF. 6.6.1 is last available version unless CERES kicks in money. SGIs are locked into 5.5. ASDC keeps updating IDL. IDL not always backwards compatible. Could become real issue in 2-3 years. Tekplot and open source graphic tools will be available. Clouds has IDL code that only runs on old IDL versions.

ASDC is rerunning 10 months of Terra ValR8 SRBAVG and using GGEOW input files this time around. Need ideas of how to ensure GGEOW files are staged and available at runtime so mistake of running without them does get made.

The “Coming Soon” portion of the Process Strategy will be removed from the Subsystem Report.

Requirement logs have been added to the Online Documentation Page, under subsystem level documents. All future SCCRs will refer to the requirement entries. Some SCCRs will remain open for long periods of time, possibly a year or more. An old SCCR may remain open while newer SCCRs for the same subsystem are promoted and closed.

For FM3 SRF there are mismatches between regression file and theoretical unfiltered radiances. Norman Loeb is looking into it.

Inversion is expecting new Model B code for processing 1 month of data at the SCF. New code may also go into Edition3.

SARB's new version of Fu-Liou model that's intended for Edition3 is not yet running.

MOA code to use OMI as input in place of TOMS has a possible Spring'06 delivery. SARB to let ASDC know which OMI product is needed so they can work on ingest.

1/1/06 MOA problem. Tom Caldwell has found the correction, which requires delta delivery. When that delivery gets promoted, need to rerun Dec'05.

Items to be discussed this meeting:

- ASDC system (including cluster) and operation status
- User Services status
- Interfaces
- SCF status
- Processing plans
- Subsystem Updates
- Beta/Edition3 updates
- Updates on any CERES related proposals or projects (A-train NEWS, FLASHflux, etc.)
- Revisit /QA discussion in March/April 2006

Date and location of DMT mtg:

NOTE room change for this Meeting: rm 2316 at ASDC.

2/22/06 meeting at 10:00 AM in B 1250, rm 116