

1/7/2009 CERES Data Management Team Meeting

Upcoming Events:

12/10 – SCF Requirements meeting with Jim McCabe at 1:00 in B1250, R116

Notes from the previous meeting

(Held 12/10/2008 at 10:00 a.m. in Room 2316 at the ASDC)

ANNOUNCEMENTS

The 12/24/08 DMTM is cancelled; no reports required.

Please turn off cell phones or set them to vibrate.

Raise visibility of new files as soon as possible so changes can be made to ANGe. A few weeks notice would be nice; put it in your DMTM status report.

If you are delivering any files that might eventually end up on an SGI machine, be sure to create your tar file on an SGI.

ASDC

Data Flow Diagram updated for ISCCP-D2like products.

CERESlib, TISA Gridding, and Regrid MOA to be promoted tomorrow.

Instantaneous SARB and TISA Averaging in testing; TISA Averaging may be promoted early next week.

Staging data for Aqua ISCCP-D2like.

G5-CERES data coming in in “clumps.”

Erika asked that the ASDC not start running a PR until all of the information is in the PR. Run when the PR is posted – that’s when it is official.

ASDC file system has 1.5 million files (59TB); a couple of requests are still in progress; let Chris Harris know if you need anything else.

Archive has been unstable for the last week and a half.

Power outage morning of Dec. 22 to take care of outstanding issue.

IBM equipment going operational February/March 2009.

Disk space is 90%.

mag501 & mag503 retiring December 31.

From the previous meeting - Walt found a problem with the Intel Fortran compiler on *asdcsm1*. – Walt says that the GFortran compiler solves the problem; Chris says it can be put into production if we decide that we want to use it.

From the previous meeting - ASDC file system – Chris handed out a hard copy (1 page) showing data staged; he will send out electronic version (46 pages) to the DMT email alias so everyone can check status of their files. – Chris sent an electronic version to some people; everything seems good.

From a previous meeting: Edition2 April 2006 FM2+FM3 ES-9 and ES-4 files – probably want to pull these from the ordering tool; Dale will talk to Lindsay to see if someone has ordered this. – Nobody had ordered the data so just pull the files from the ordering tool.

From a previous meeting: Status of ASDC obtaining MOD03 files which correspond to reprocessed MOD02 for late July - Aug'07. Plan for always obtaining MOD03/MYD03 when MOD02/MYD02 reprocessed and number of pixels changed in future data deliveries. Plan for evaluating/reordering MOD03/MYD03 files for Sept'07 forward. Plan for evaluating/reordering MOD03/MYD03 files in preparation for Edition3. – Still waiting on MOD02/MOD03 files.

SCF

Reboot of SCF servers helped some problems but not others.

SEC

The Operations Agreement being reviewed.

Toolkit

Versions of CERESlib message and include files change depending on what machine you're logged into at the SCF. Since home directories are all on *xsan* this causes problems when working on multiple machines. Scott will send email to everyone who uses the SCF machines letting them know what the problem is and what the proposed solution is. Folks will have four weeks to respond and then Scott will fix the problem.

Nothing needs to be recompiled because of the new Toolkit (5.2.15); the old executables will use TK 5.2.12 along with the latest version of CERESlib.

PRs

Erika found that MATCH data is funded; Tom Charlock will find out when MATCH 2008 files will be coming.

PRs 88-08 and 87-08 can be run; PRs 86-08 and 85-08 are waiting for promotion; PRs 79-08 through 74-08 are cancelled.

CM

The Edition2 gains and spectral response function file delivery scheduled for January 16 is for September 2007 through June 2008. Tammy will add another delivery to cover the rest of 2008.

SUBSYSTEM STATUS:

Instrument

Working on Edition2 validation.

Would like to try gnat 64-bit Ada compiler on X86, IBM said we could test the Rationale Rose development suite for 60 days.

ERBE-like

Created all nadir files for Edition2 testing, will test this week.

Working on Edition3 SRF degradation to create test SRFs.

Edition3 meeting tomorrow.

Doing GERB2 field test; CERES scanning occurred for test site in Spain in late November; GERB1 and GERB2 coverage until December 14; Beijing overpasses ended November 30.

Clouds

Working on Edition2 code conversion; five PGEs converted and being validated.

Convolution

Used GFortran compiler on X86; investigating some differences.

Inversion

Continuing to work on conversion to *magneto*; having HDF compare software problem; Tom and Cathy having same problem; Denise suggested asking Ashley for help.

SARB

Working on Edition3 for MOA; Edition3 format will be different than Edition2 so update to DPC will be needed.

TISA Averaging

Dave wants 68 months of some data.

TISA Gridding

Preparing for delivery.

GGEO

Working on coefficients.

Raja is concerned about what will happen if TK5.2.12 is no longer available since current executable points to TK5.2.12 directory.

Meeting ended at 11:22 a.m.