

11/12/2008 CERES Data Management Team Meeting

Upcoming Events:

None

Notes from the previous meeting

(Held 10/15/2008 at 10:00 a.m. in Room 2316 at the ASDC)

ANNOUNCEMENTS

The 10/29/08 DMTM is cancelled.

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

Promoted TISA Averaging SCCR 677; nothing left in SSI&T.

Production measurements chart updated.

Working on Terra SSF and SFC Edition2F and Terra Synoptic SARB Beta5 on *magneto*.

Disk space is at 91%.

Edition1-CV is done through 12/1/07.

Below is the status/priority of files staged to *asdcsm1* (/ASDC is how you see disk). Priority given to files on *magneto/warlock* since it takes longer to get files from the archive. Folks should check to see if the files they requested have been staged. The data directory names are based on data file names.

Priority 1 – Beta4/Beta5 TSI and SYNI files.

Priority 2 – FSW files. Tom thinks all the files he needs are available.

Priority 3 – GGEO and SFC files. End of 2006 and 2007 months are not there yet but most everything else is.

Priority 4 – MODIS files. Moved January 2007 through August 2007 from production to ASDC file system.

Priority 5 – BDS files. All staged from archive; attitude and ephemeris files on disk were staged; files in archive still need to be staged.

Priority 6 – SSF files. Most are staged; should be done soon.

Priority 7 – ES-8 files. All staged.

Mike Little would like feedback on the directory structure on /ASDC.

xsan – hardware and monitoring system working; maintenance outage schedule forthcoming.

Backup of everything has been accomplished. Two backup strategies: 1) Revolving Backup – this is for home directories and selected other directories and 2) Archived Backup – everything else. Send email to Mike if you want something other than your home directory to have a revolving backup; Mike will document backup strategy on the Web so everyone can see it. The backup strategy will change with the IBM system.

Delete files from *ampersan* once you've copied your files to *xsan*.

The SAN failure investigation report was provided to Mike yesterday; the recovery plan needs to be updated to address comments in the report.

ampersan has FM5 data that Mike downloaded from Goddard; Sunny needs to let Mike know if she wants access to it. This is not the promised three days of data; that's coming later.

IBM is still here; ASDC doing some low-level testing now.

daccget/daacIs working but slow; keys are working now.

ANGe – maintenance build today.

Only received one month of G5-CERES data because that's all they have.

ISCCP-D2like files should be available online before the Science Team meeting; EBAF has been corrected.

The MATCH file names have been corrected in production.

MODIS radiance files were resent but haven't had disk space to test them.

Edition2 April 2006 FM2+FM3 ES-9 file – probably want to pull these from the ordering tool; Dale will talk to Lindsay to see if someone has ordered this.

Joanne and Lindsay/Meka are updating the CERES Data Flow Diagram to include the ISCCP-D2like products.

Finished running TSI/SYNI in SSI&T area with “validation” as part of the production strategy; files will not be put in archive.

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.

SCF

/ASDC now points to the archive data from the ASDC; read-only area.

Mac cluster with 40 nodes and 80 processors is working now.

Quota script is now available on *xsan*.

Sunny reported that *lanina* is very slow; Scott will talk to Frank about it.

Processing Priorities

Vertley, Lisa L., and Lisa C. proposed solution to PR61-08; will rerun eventually to correct the CC numbers.

PR73-08 was run on *warlock* and *magneto*; Beta1 ISCCP-D2like-GEO had problems on *warlock*; rerun on *magneto* with the same names; need to disable executable on *warlock* if this shouldn't be run on *warlock*.

CM

CERESlib delivery rescheduled to October 24.

ERBE-like – don't slip past Thanksgiving; figure out a plan and move forward.

Discussed Regrid MOA SCCR 683, TISA Gridding SCCR 684, TISA Gridding SCCR 685, Regrid MOA SCCR 686, and GGEO SCCR 687.

Toolkit

Ashley helping Dale with ERBE-like problem.

Concerned about TK5.2.15 on PowerPC *magneto* – Tom will test.

SCF machines, *warlock*, and *magneto* updated for CERESlib with Regrid MOA and Edition3 changes (Edition3 won't be delivered).

SUBSYSTEM STATUS:

Instrument

Terra and Aqua Web page available.

Churngwei is testing on the X86; big/little endian problems; only C code tested so far.

Plans for running Ada code (to include FM5 support) on *warlock* and X86. There have been conflicting reports about the availability of Ada on the P4 and P6. C++ conversion and how it relates to Edition3 plans.

ERBE-like

Edition3 is a hot topic again.

Plans for migrating codes over to P4/P6 prior to start-up of Edition3 processing. Would Ops like code to also run on *warlock* given that Instrument may still be processing on *warlock*? Any Toolkit, HDF, or CERESlib issues?

Clouds

Terra and Aqua Edition3 are okay.

Convolution

Ran ten days of July 2007 NEWS for Seiji.

Inversion

Continuing conversion work.

SARB

Preparing for upcoming deliveries.

TISA Gridding

Started running McIDAS data.

Working on upcoming deliveries.

Won't be able to extend past October 2005 for Senior Review.

TISA Averaging

Helping Dave Doelling with error analysis for Subsystems 8 and 10.

Meeting ended at 11:36 a.m.