

9/3/2008 CERES Data Management Team Meeting

Upcoming Events:

Aug 26, 2008 NPP SDS SD3E, Land PEATE, CERES Delta Design Review at GSFC

Aug 27 – 28, 2008 NPP SDS MOR at GSFC

Oct 27–29, 2208 CERES Science Team Meeting at GISS in NYC. Hotel rooms are extremely limited.

Notes from the previous meeting (Held 8/20/2008 at 10:00 a.m. in Room 2316 at the ASDC)

ANNOUNCEMENTS

CERES STM at GISS – don't go unless you're invited

ASDC

Karen Brown is starting to install Toolkit 5.2.15 on *magneto*. Need to make sure to coordinate with deliveries and processing before “flipping the switch” to make Toolkit 5.2.15 the default. The X86 test platform with Intel compilers is the next target for Toolkit 5.2.15 (maybe in the next 2 weeks). Scott will be notified once the Toolkit is installed.

StorNext has been behaving.

Network outage this weekend (8/23-24) could affect data in and out of Center.

ANGe parallel processing testing to last a few more days. All ingest files have been showing up properly. Operations Readiness Review is Friday (8/22) – if successful then switch to ANGe for CERES processing. LaTIS will continue for 7 days as a fall back. Victor hasn't been able to test due to SAN problems (no daacget); ASDC folks have been doing some in-house testing by comparing data to archived data.

IBM working since 8/14 to get new systems powered up and working; should finish around 9/12; looks good so far.

Working on GGEO.

Clouds and Inversion are on hold until current Terra and Aqua Ed2 processing is done.

Discussed removing Inversion SCCR 666. Delete Beta1/Ed3; Lisa C. to check with scientists to be sure we can remove job and delete data.

Instrument delta deliveries (SCCRs 678, 679, & 681) are for Instrument changes to get Ed1 Baseline-QC working again.

Disk space is at 90%.

I/O issues when running Synoptic SARB on every node (see notes from last meeting). Files need to be written to local scratch area. Let's leave this alone until new system is in place; will test this specific scenario when new system is available.

Lindsay is making updates as necessary.

SCF

Still copying data from SAN; looks like we're going to retain 26-27TB of 60TB (best case scenario).

Folks being notified when home directory becomes available. Don't write to home – only pull files off. Disk space issues – folks don't have enough local disk space.

Don't know how long SAN recovery effort will take. Future is unclear – maybe SAN, maybe something else.

Scott working on Toolkit 5.2.15 (end of this week) and CERESlib for Toolkit 5.2.15 (next week); folks also need 5.2.12 and 5.2.7.

Ed needs to know what the needs are for the Science Team meeting.

ampersan moved to ASDC; went surprisingly well. No current plans to do anything with *insanity*.

Web server move not completed; finish in next 2 weeks.

Frank sees no problem using FrameMaker on *asdsun*.

SEC

Notes posted from 8/11 meeting.

Processing Priorities

126-07 completed.

CM

Most delivery dates changes due to SAN problem.

Reviewed SCCRs 678, 679, 680, and 681.

Why so many Instrument delta deliveries? New directory structure, new Perl scripts; tested in SSI&T and looked good, but problems showed up when tested in production.

Clouds delivery cancelled so disapprove SCCR 680.

Toolkit

Going with Toolkit version 5.2.15; several things for Dale to try but if they don't work 5.2.14 will be available for Dale to use.

SUBSYSTEM STATUS:

Instrument

FM2 Special Operations over Beijing extended.

ERBE-like

Software Coding Guidelines finished, Tammy reviewing.

Clouds

Ricky got CloudVis viewer working on his Mac.

Need daacget access without SAN – Lisa C. will coordinate with SAs, Jimmy R., and Chris H.; pass information to others outside of DMT to find out who needs daacget; get list of daacget users from Jimmy Rowe.

Lee commented that Norman is willing to buy external disks on a case-by-case basis; send disk needs to Lisa C. and she will provide the information to Norman.

Convolution

Looking at SSF Collection Guide.

Inversion

Evaluating status based on loss of SAN.

SARB

Science Team happy with G5 CRS.

Worked with Raja; need to update MOA I/O read CERESlib module.

Lisa C. to check to see if G5 CERES data is coming in to ASDC.

TISA Gridding

Working with Tom to pinpoint reason PMOA was slow.

TISA Averaging

Need disk space to evaluate current ASDC production runs.

Meeting ended at 11:25 a.m.