

06/25/2008 CERES Data Management Team Meeting

Upcoming Events:

None

Notes from the previous meeting (06/11/2008)

ANNOUNCEMENTS

A number of folks were attending the NPP O&S, IDPS, and C3S Face to Face meetings in Aurora, CO. Walter Miller led the meeting.

Several members of the DMT will be in C++ class the week of June 16-20, 2008.

ASDC

PR 129-07, Terra TISA Avg. (7.1) Beta4 was completed. Clouds Terra Beta1-Edition3 and Terra SynSARB Beta4 are processing. Data were being staged for Instrument and GGEO.

Disk space is at 83%.

SIT is progressing on Instrument gains and ERBE-like spectral response function files for (12/31/06 - 09/01/07) and Synoptic SARB SCCR 676.

The IMS data file reconciliation was completed.

warlock lost a c-brick Sunday night and SGI is expected June 12 to replace it. A reboot will be necessary. StorNext also crashed Sunday night, but came up okay.

The robotic arm has been repaired.

StorNext will be upgraded to the latest version on July 7, 2008. It will correct the six biggest problems. Members of EOSDIS visited the StorNext CEO and CTO in California to discuss the issues that they have had.

X86 test platform (*asdscl1*) is still waiting for all the compilers to arrive.

Profiling of TISA 8 on *warlock* showed that 48% of the time is spent in zlib (HDF compression). Problems with installing profiles have delayed progress on *magneto*. They are working with SpeedShop and open source Oprofile. In some of the tests, the calculation portion of TISA was removed. The HDF support group has been contacted. The HDF support group has requested sample data to investigate the problem. TISA compresses each SDS separately. There was some

discussion on compressing everything at once or doing each SDS separately. TISA is running within CPU memory with no disk swapping on magneto.

Previous Issues:

Snow/Ice mesh question – where do we stand on mesh data? On Lisa C.'s to-do list.

Forgot to inquire about Collection 6 MODIS.

SCF

There still is no response from the HDF group on the compression problems with Toolkit 5.2.15. Some subsystems have problems when compressing the files and others when they attempt to read the file.

ERBE running on old Suns has been having problems reading data from the SAN similar to our emacs problems. They will upgrade them to the latest version of SOLARIS, but the workstations may need to be replaced.

SEC

A meeting was held after the May 21, 2008, DMTM to discuss /QA. It was determined that a disk will be needed for non-archived Web files. Archived files can be ordered by push subscription or will be on cache in front of the archive and accessible by daacget.

PROCESSING STRATEGY

No discussion.

CM

Retested Inversion (SCCR666) after receiving updated files.

Delivering updated LW files to run TSI FM4 for 2005.

Testing TISA Averaging (SCCR 667) after receiving updated files.

Reviewed Synoptic SARB SCCR 676.

INSTRUMENT SPECIAL OPERATIONS

Two special operations are in progress. The annual FM1 - FM3 intercomparison over Greenland will run from June 10 - 30, 2008. Also, during June, FM2 will compare with GERB.

SUBSYSTEM STATUS:

Instrument

C++ code conversion is continuing.

ERBE-like

Porting code to Mac is continuing.

Clouds

Animation tools are being upgraded to provide a more interactive experience on the Web.

Convolution

Coming close to having all the variables for the NEWS dataset.

Inversion

PCF scripts were updated.

SARB

Toolkit 5.2.15 and HDF issues were investigated.

TISA Averaging

Working on SS10 delivery.

The output change to SS8 cut processing times on both *warlock* and *magneto* by 50%.

TISA Gridding and GGEO

Two deliveries will be made. ASDC is staging 14 months of data for processing at the SCF.

Agenda:

ASDC Status

- SI&T
- Interfaces
- Operations
- User Services

SCF Status

DM System Issues and Status

- Processing Priorities
- CM
- Instrument Special Operations
- Subsystem Reports

Other