

08/05/2009 CERES Data Management Team Meeting

Upcoming Events

Science Team Meeting – November 4 – 6 in Ft. Collins, CO

Notes from the previous meeting

(Held 07/22/2009 at 10:00 a.m. in Room 2316 at the ASDC)

ANNOUNCEMENTS

Please use the DMT alias for emails that pertain to the entire DMT. There is also a DMTM alias that has everyone who attends the DMTM.

Please note if activity is for Edition2 or Edition3 in status reports.

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.

ASDC and SCF

SIT:

Instrument (710) – Waiting on promotion.

GGEO (675) – in progress.

There is a problem with the recent CERES RDRs. May be an HDF versioning problem. IDPS may have updated HDF5 before generating the new RDRs.

Erika suggested that someone from the ASDC might want to attend next week's NPP DMTM to follow up. Lisa will have Denise keep the ASDC folks in the loop. Erika said that Goddard folks are also having trouble dealing with new files from IDPS.

Erika – TK will be biggie for some time (at least until this HDF5 business is resolved). We may need to change the version of HDF5 that we are using.

Scott – if one uses TK it will be difficult to use other HDF5 version if code “touches” TK or CERESlib. Denise – may be able to de-link preprocessor from TK.

There is an HDF workshop coming up at the same time as the November STM. Erika will forward the associated email to the DMTM email distribution list.

asdcsm1 has been migrated to the IBM system. Caroline – if don't have access, send a help ticket.

Production:

Completed TISA Gridding ValR10.

Still working to get SGE ready to submit multiple jobs. Some testing has been done. There is no schedule for going operational.

Systems:

Still compiling specifics for the downtime during week of Aug 10.

Erika mentioned that there was an SD internal audit scheduled for Aug 11-12 during which we will need to access web pages. Caroline doesn't believe there will be any problem – will know by the end of the week. Erika is going to provide Caroline a list of web sites needed.

Macs have been moved from B1250 to B1268.

B1250 – going to be updating network servers in B1250 during November 2009 – tie this to STM.

What's going to archive has been documented but not posted to the web yet.

Any other requests for ASDC-archive priority list – notify Erika.

Newly processed data into ASDC-archive.

ASDC-archive is mounted from IBM, SGI, and Mac.

MOA – first to test/try out P6. Instrument – first for x86.

SCF:

No questions for Frank.

PRs

Deliveries toward the end of month will need PRs.

Erika suggested dropping the priority of 57-09 → 50-09 to the end of the list.

CM

Subsystem Delivery Schedule

TISA Averaging (650) – the July 31 delivery to CM will probably slip to August 21.

Clouds (719) – if all received is good, will deliver on time. Otherwise, the July 31 delivery will probably slip.

ERBE-like (696) – Dale doubts that he will make the August 14 delivery date – with the Edition3 stuff, it's hard to tell.

SCCRs

Clouds (720) – TypeDef changes made in CERESlib.

SUBSYSTEM STATUS:

Toolkit Issues

Regarding TK5.2.16 on the p6 platforms – minimal differences with HDF4 – major differences with HDF5. Denise – v16 will solve more issues than it creates but not without code changes.

Instrument

Denise will chair the SEC until Lisa Link is back.

Still working on validating the Edition3 gains for Terra for from Feb 28, 2000 through May 01, 2005.

ERBE-like

Dale – breather on Edition3 so working on delivery again.

Erika requested that subsystem folks include delivery-related updates here in this part of report.

Clouds

Continued working on 2.1 and 1.6 optical depth calculation – there are errors in code, may be calibration issues, B2Ed3 still doable, only going to provide 2.1 retrievals – 1.6 will be set to default on SSF, implementing emissivity and albedo as a function of wind speed.

Convolution

No report – Walt's in training.

Inversion

Continuing to work on Ed3 Beta2 – still plans to deliver both plans – decide which one to use after deliveries.

SARB

Preparing for pre-Synoptic PGE delivery.

Erika asked that MATCH status be included in the report next time.

TISA Averaging

Working on code to read and rewrite AVG/ZAVG. Erika first wants time estimate, just back of envelop estimate will be fine (include Pros and Cons) – something to go to Norman with – to fix problem for users. This is flagship product for CERES.

SRBAVG (light) – to be run at SCF and provided to ASDC for distribution.

CERESlib – nothing going on except impact of new TK.

Special Development

Continuing to work on production processing DB.

Added data from 2008 ANGe reports to DB.

Investigating ways to more automatically get info from email to DB. Would like to be able to track processing loads to help schedule planning in future.

MEETING ENDED AT 11:30a.