CERES SCF STATUS

Description	*September 8, 2004 Status*	*Problems*
SUN Upgrades	No new updates.	
SGI Upgrades	The upgrade of the on-site Origin 3800 systems is tentatively planned for November 4. This is pending a go/no-go decision based on whether the ASDC can transfer AMASS to the Origin 350 by October 15.	
MAC Upgrades	No new updates.	
PC Upgrades	No new updates.	
Thunder, Lightning & Lanina	The CERES testbed system (ctb-g.larc.nasa.gov) will be upgraded to IRIX 6.5.25m this reporting period. The compilers will remain the same, only the OS is being upgraded. Assembly is nearly complete on the Macintosh nearline/archive system. It is expected to be completed and available in the near future for CERES use. After the system is brought on-line, some testing is required before it will be ready to accept file transfers. The CERES testbed OS/Compilers test schedule, as previously revised, is shown below. 1.) Inversion (Complete) Sandy has completed testing of the Inversion subsystem. No problems were reported. 2.) Instrument (Complete) Denise has completed testing of the Instrument subsystem. No problems were reported. 3.) Clouds (In progress) Walt is in the process of testing at this time. 4.) SARB (In progress) Scott is in the process of testing at this time. 5.) GGEO (In progress) Joe is in the process of testing at this time. 6.) TISA (Complete) Raja has completed testing. 7.) ERBELIKE (Complete) Dale has completed testing.	

Description	*September 8, 2004 Status*	*Problems*
Security	The 3rd party scan is complete but no results have been posted at this time. Once the results have been posted, the System Administration team will examine the results and take appropriate action.	
Toolkit	No new updates. Prior Info: The latest tested version of the toolkit is version 2.9.v1.00. The latest version of the toolkit installed but not tested is version 2.10.v1.00. This chart reflects the latest tested version of the toolkit by the CERES subsystems. Software ---------- Version ---------- HDF-EOS 2.9v1.00 HDF-EOS 5.1.5 HDF 4.1r5 HDF 5-1.4.4 SDPTK 5.2.9v1.00 BRAND ---------- COMPILER ---------- ABI ----- ISA -------- sgi f95 (NAG) 64 mips4 sgi32 f90 (SGI) n32 mips3 sgi64 f90 (SGI) 64 mips4	
DMSS Transfer	No new updates.	
CERESlib	No new updates.	

CERES SCF/DAAC Server Information

Server Name:	Asdsun	Thunder	Lightning	Lanina	ctb-g	Samantha[1]	Warlock	Darrin
System Type	Sun Fire V880	Origin 3800	Origin 3800	Origin 3800	Octane	Origin 2000	Origin 3800	Origin 2000
Operating System	Solaris 8	IRIX64 6.5.16m	IRIX64 6.5.16m	IRIX64 6.5.16m	IRIX64 6.5.22m	IRIX64 6.5.18m	IRIX64 6.5.17m	IRIX64 6.5.22m
Fortran compilers	SUNWspro 4.0	7.3.1.3m	7.3.1.3m	7.3.1.3m	7.4	7.3.1.3m	7.3.1.3m	7.4
Toolkit (default)	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1		TK5.2.7v1	TK5.2.7v1
Toolkit (other)		TK5.2.9v1	TK5.2.9v1	TK5.2.9v1	TK5.2.9v1		TK5.2.9v1	
Ada	N/A	1.3	1.3	1.3	1.3		1.3	1.3
IDL	5.6	5.5	5.5	5.5	5.5	5.5 (demo mode)	5.5	5.3
NAG fortran 95	1.0(439)	1.0(428)	1.0(428)	1.0(428)	1.0(428)	Removed	1.0(428)	1.0(428)
HDF	4.1.r3	4.1.r3	4.1.r3	4.1.r3	4.1.r3		4.1.r3	
Proposed upgrades	None	None	None	None	None	None	None	
Problems	None	None	None	None	None	None	None	None

1. New *samantha* (previously *trance*).

NOTES:

Currently the SCF is not able to backup all data stored on the SCF servers. On the SCF SGI servers: *thunder, lightning* and *lanina* the partitions ending with an "-" followed by a numeric number are currently being backed up on a regular schedule. The partitions ending with an "-" followed by an alpha character are considered scratch space and are not being backed up. Any data stored on these non-backed up partitions should be considered recoverable or reproducible from other sources.

Systems *warlock* and *samantha2* were merged into one system (*warlock*) on Tuesday, August 19.

All CERES processing was transitioned to *warlock*.

Date last updated (server info chart only): 07/12/04