DAAC/ECS STATUS Table for August 6, 1997

Release	DESCRIPTION	Status	Problems/Comments
Pre-Release B Testbed	**HW/SW Installations**	Release 1.2 available for installation at the DAACs.	
	SSI&T	The July 1997 version of the SSI&T Operational Procedures for ECS (a.k.a. Green Book) is now available as an HTML document. MISR SSI&T is providing useful lessons learned. One main issue has been working around the fact that the testbed does not support mulitple static files (i.e. no time associated with them) that are associated with one ESDT and one Logical ID in the PCF. Static files can have the same ESDT but need to have different logical ids. Will begin testbed SSI&T for Subsystem 11 later in the week.	
	Other	None	
DAAC TRMM Processing System (LaTIS)	**Definition/ Development**	Continue to automate production generation via the Big Sur database and Java scripts. Continuing to complete work on ICDs. ICDs that have been approved are those with Goddard DAAC, DAO, NOAA/NESDIS, and GHRC. We are now getting SSM/I data on a routine basis from GHRC. Toolkit 5.2 has been installed on samantha for testing. CERES should let the DAAC know when we should switch to Toolkit 5.2. Looking at revising DPREP to create single day ephemeris files from the the 9 day all-days ephemeris as requested by Denise.	
	SSI&T	Received redelivery of Subsystem 12 to fix runtime problem. Received new delivery of cereslib needed for Subsystem 11 and received delivery of Subsystem 11. Working on these subsystem on LaTIS.	
	Other	DAAC will support the 30 day TRMM I&T test beginning August 18, 1997.	

Release	DESCRIPTION	Status	Problems/Comments
Release B	**HW/SW Installations**	No Activity	
	ESDTS	A baseline PSA list for CERES to be inserted into the PSA registry has been provided to System Eng. Com. It contains 11 to 19 PSA's for each of the 106 CERES output ESDT's for a total of 1215 PSA's.	
	SSI&T	Feedback on the issue of creation of a FailedPGE granule after an unsuccessful Data Server insert has been provided. PGE may utilize TK calls to modify the output.	
	Other	None	

Status of Release 2 CERES SSIT at the LaRC DAAC (8/5/97)

Subsystem	Delivery Date of accepted delivery	Delivery Content Verified and Accepted	Delivery placed under CM	Compile and link with SCF toolkit	Run test cases with SCF toolkit cmd line	Run test cases using Codine	Production Volume Stress Test	Comments
1.0	06/26/97	06/30/97	07/01/97	07/02/97	07/03/97	07/03/97		
2.0 & 3.0	06/16/97	06/17/97	06/23/97	06/19/97	06/23/97	07/02/97	07/17/97	
4.1-4.4								
4.5-4.6								
5.0								
6.0								
7.1								
7.2								
8.0								
9.0								
10.0								
11.0	08/01/97	08/05/97	08/05/97					
12.0	07/18/97 08/01/97	07/22/97 08/05/97	07/25/97	07/25/97				* Error during runtime caused redelivery
cereslib	06/06/97 06/17/97 redelivery 08/01/97+	06/09/97 06/18/97 08/04/97	06/10/97 06/23/97 08/05/97	06/10/97 06/18/97 08/05/97	06/10/97* 06/18/97 08/05/97	N/A N/A NA	N/A	*One module failed test with SGI compiler. +Delivery for SS 11

CERES Release 2 DAAC Performance Measurements - 7/23/97

One execution on LaTIS configuration of each PGE at production-level volume expected for TRMM launch.

SS	PGE	Test Date	Time,sec			Block Operations		Peak Memory MB	Disk Storage, MB					Runs per Mnth
			Wall	User	System	Input	Output		Input	Temp	Interm	Arch	Logs	
1.0	Instrument													
2.0	Daily TOA Inversion	07/16	288	276	9	4334	5	3.3	284	???	13	487	.02	31
3.0	Monthly Averaging	07/17	569	400	130	4890	230	15.7	403	???	0	140	1.7	1
4.1	Cloud Retrieval													
4.4	Footprint Convolution													
4.5	TOA/Surface Fluxes													
5.0	Instantaneous SARB													
7.2	Synoptic SARB													
12.0	MOA Regridding													
11.0	Grid Geostationary													
11.1	Sort GGEO													
9.0	Surface Gridding													
9.1	Sort SFC Files													
12.1	Post-process MOA													
10.0	TOA/SRB Averaging													
6.0	Atmos. Gridding													
6.1	Sort FSW Files													
7.1	Synoptic Interpolate													
8.0	Synoptic Averaging													
System Total														

System total: multiply each PGE measure by the number of Runs per Data Month for that PGE, then add all PGE's. Some PGE's will require more resources for each instrument on EOS-AM and EOS-PM.