DAAC/ECS STATUS Table for March 4, 1998

Release	DESCRIPTION	Status	Problems/Comments
LaTIS	**Definition/ Development**		
	SSI&T	- Installation and test of Inversion & SARB on samantha was completed. - HDF read program of Instrument Subsystem was also successfully compiled & tested. - SSI&T of ERBE-Like on command line was completed. Testing under Codine is underway. (Sukdee Storaasli)	

	Production	- Clouds was promoted to production on February 20, 1998. Problems occurred in production that were not encountered/envisioned during SSI&T which necessitated a redelivery of the scripts. Processing is currently being run for 12/26/97. Some hours have not successfully processed through Footprint. This is under investigation. MOA problems were traced to the following:
		
		    - 12/25 and 12/26 - Corrupt data files. Data was somehow corrupted during the staging process.
		    - 1/3 - Problem with MOA code, need new delivery
		    - 1/26 -Bad DAO file, have requested replacement Instrument script delivered on 2/20 where placed into production 3/2 to start processing with 3/1/98 data.
		  - ERBElike will be placed into production this week.
		   - Inversion will be placed into production this week. (Jill Travers)	

	Other	- Testing of 10/86 data through TISA gridding is complete. Several hours failed and is under investigation by Nichele.(Jill Travers)	

Release	DESCRIPTION	Status	Problems/Comments
Version 2.0 (Release B)	**HW/SW Installations**	Version 2 Drop 3 software was installed during the week of 2/17/98. This was followed by a week of checkout testing on 2/23/98. Although several Non Conformance Reports were written, for the most part everything went well. (Jill travers) -DAAC-specific launch critical features have been tested. Open issues are being worked out through an NCR mechanism.(Haldun Direskeneli)	
	ESDTS	- Metadata (.met) files from Subsystem-11 have been reviewed by ECS staff and comments are provided. (Haldun Direskeneli)	
	Other		

Status of Release 2 CERES SSIT at the LaRC DAAC (03/04/98)

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 08/27/97 10/24/97 01/23/98 02/20/98	06/30/97 08/27/97 10/26/97 01/26/98 02/24/98	07/01/97 08/28/97 10/27/97 01/26/98 02/24/98	07/02/97 08/28/97 10/27/97 01/26/98 02/24/98	07/03/97 08/28/97 10/28/97 01/27/98 02/24/98	07/03/97 08/30/97 10/30/97 01/27/98 02/24/98	08/30/97	HDF read routines & updated scripts
2.0 & 3.0	06/16/97 12/17/97 02/24/98	06/17/97 12/18/97 02/25/98	06/23/97 12/18/97 02/25/98	06/19/97 12/19/97 02/26/98	06/23/97 12/19/97 02/27/98	07/02/97 12/22/97	07/17/97	
4.1-4.4	08/15/97 11/14/97 02/02/98	08/19/97 11/18/97 02/05/98	08/19/97 11/18/97 02/05/98	08/21/97 12/02/97 02/06/98	08/25/97 12/02/97 02/17/98	08/26/97 12/03/97 02/17/98	08/26/97	
4.5-4.6	08/22/97 12/04/97 02/12/98	08/26/97 12/08/97 02/18/98	08/28/97 12/09/97 02/18/98	08/30/97 12/11/97 02/19/98	09/02/97 12/12/97 02/20/98	09/03/97 12/16/97 02/20/98	09/17/97	
5.0	09/11/97 11/28/97 02/12/98	09/12/97 12/03/97 02/22/98	09/15/97 12/05/97 02/23/98	09/16/97 12/05/97 02/23/98	09/16/97 12/08/97 02/24/98	09/17/97 12/08/97 02/24/98	10/30/97	
7.1	01/20/98							
7.2	01/22/98							
6.0/9.0	01/09/98	01/13/98	01/13/98	01/14/98	01/16/98			
8.0	01/20/98							

Status of Release 2 CERES SSIT at the LaRC DAAC (03/04/98)

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
10.0	01/20/98							
11.0	08/01/97 10/10/97 02/27/98	08/05/97 10/14/97	08/05/97 10/14/97	08/07/97 10/16/97	08/07/97 10/16/97	08/08/97 10/17/97		
12.0	08/01/97 12/12/97 01/23/98	08/05/97 12/22/97 01/26/98	08/06/97 12/22/97 01/26/98	08/05/97 12/29/97 02/03/98	08/06/97 12/30/97 02/03/98	08/08/97 12/30/97 02/03/98	08/08/97	
CERESlib	06/17/97 08/01/97+ 10/03/97* 10/31/97- 12/04/97 12/23/97 01/20/98 02/13/98	06/18/97 08/04/97 10/06/97 11/04/97 12/09/97 01/02/98 01/22/98 02/17/98	06/23/97 08/05/97 10/07/97 11/04/97 12/09/97 01/02/98 01/22/98 02/17/98	06/18/97 08/05/97 10/07/97 11/06/97 12/09/97 01/09/98 01/23/98 02/17/98	06/18/97 08/05/97 10/07/97 11/06/97 12/09/97 01/09/98 01/23/98 02/17/98	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	+Delivery for SS 11 * Delivery for TK5.2 - Delivery for SSF - With Toolkit 5.2.1

CERES Release 2 DAAC Performance Measurements -03/04/98

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

SS	PGE	Compiler	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/QC	
1.0	Instrument	Ada	08/30	13952	13335	424	27397	7428	1320.3	106	0	303	387	0.9	31
2.0	Daily TOA Inversion	SGIF90	07/16	288	276	9	4334	5	3.3	284	284	13	487	.02	31
3.0	Monthly Averaging	SGIF90	07/17	569	400	130	4890	230	15.7	403	410	0	140	1.7	1
4.1/	Cloud Retrieval/	SGIF90	08/26	4481	4384	52	3174	13	323.1	312	0	1167	30	36.0	744
		SGIF90	02/13	5341	5203	63				428.7		756.4		1.74	
4.4	Footprint Convolution	SGIF90	02/13							48.2				67.6	
4.5	TOA/Surface Fluxes	SGIF90	09/17	162	33	126	52	13	2.9	215	0	0	201	0.08	744
		SGIF90	02/20	277	111	155	420	132	4.3	180	0	0	354	.008	744
5.0	Instantaneous SARB	SGIF90	10/30	27150	26785	190	3412	4	224.9	247	0	0	253	.001	744
		SGIF90	02/23	17940	17766		2814	4	223.1	210.3	0	0	207	.001	744
7.2	Synoptic SARB														
12.0	MOA Regridding	NAG 32bit	08/08	1633	1548	29	35672	29	40.5	709	0	0	319	.001	31
11.0	Grid Geostationary	NAG 32bit	11/11	77816	77137	200	17225	4	25.6	1180	0	178	0	1	4
11.1	Sort GGEO	NAG 32bit	11/21	10732	3484	3040	13820	3	2.5	588	0	0	568	.001	1
9.0	Surface Gridding	NAG 32bi	01/17	524	423	75	5861	9	107.6	5767	0	13	0	.001	744
9.1	Sort SFC Files														
12.1	Post-process MOA														
10.0	TOA/SRB Averaging														
6.0	Atmos. Gridding	NAG 32bit	01/17	602	471	96	5755	6	108.1	5769	0	15	0	.001	744
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.