

## DAAC/ECS STATUS Table for March 17, 1998

Release	DESCRIPTION	Status	Problems/Comments
<b>LaTIS</b>	<b>Definition/ Development</b>	LaTIS Product Generation: - DPREP Automation Testing is Ongoing. - Development of Instrument Automation is Ongoing. (Bob Ignacio, Tina Rogerson, Yantao Shi, Fred Byrd, Randy Dye, Renee Key)	
	<b>SSI&amp;T</b>	- With the new SSI&T procedure, all of the CERES software delivered to the DAAC were integrated and tested. There is no backlog. - During the past two weeks, the following subsystems were successfully integrated and tested: * ERBE-Like (SS# 2.0 & 3.0) * GGEO (SS# 11.0) * TISA Avg (SS# 7.1, 8.0, 10.0) * TISA Grid (SS# 6.0 & 9.0) * Synoptic SARB (SS# 7.2) * MOA (SS# 12.0) * CERESlib ( Sukdee Storaasli, Tammy Ayers, Brian Getzewich)	
	<b>Production</b>	- Instrument production is working well. Dprep problem for 3/3/98 is still being worked. - New ERBELike placed in production 1/98 was run with new code and actual snow files. Running 3/98 using composite snow (ValR1-QC production strategy). Will rerun 3/98 with actual snow at the end of the month. - Problems with MOA were resolved and MOA has been run through 2/17/98. (Awaiting further input from DAO before continuing) - Clouds/Inversion run through 1/3/98 - SARB (SS 5) and TISA Gridding to be placed in production this week. (Jill Travers)	
	<b>Other</b>		

Release	DESCRIPTION	Status	Problems/Comments
<b>Version 2.0 (Release B)</b>	<b>HW/SW Installations</b>	- The installation of Drop 4 at the Langley DAAC ECS V2.0 system will start on the week of March 30. - V2.0 ECS SSI&T Training is scheduled for March 23. (Haldun Direskeneli)	
	<b>ESDTS</b>	- ESDT staff updated the external products for GGEO, the ISCCP satellites. (Haldun Direskeneli)	
	<b>Other</b>	Recent SDPTK information included tracking the utcpole and leap second files at the DAAC and a Web document that explains TRMM attitude processing in DPREP. (Haldun Direskeneli)	



**Status of Release 2 CERES SSIT at the LaRC DAAC (03/17/98)**

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  03/17/98	06/30/97 08/27/97 10/26/97 01/26/98 02/24/98  03/17/98	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 03/02/98 03/09/98	06/17/97 12/18/97 02/25/98 03/05/98 03/09/98	06/23/97 12/18/97 02/25/98 03/05/98 03/09/98	06/19/97 12/19/97 02/26/98 03/05/98 03/09/98	06/23/97 12/19/97 02/27/98 03/06/98	07/02/97 12/22/97  03/06/98	07/17/97	Updated source codes Updated gif routines
4.1-4.4	08/15/97 11/14/97 02/02/98 02/20/98 02/24/98 03/12/98	08/19/97 11/18/97 02/05/98 02/20/98 02/24/98 02/12/98	08/19/97 11/18/97 02/05/98 02/20/98 02/24/98 02/12/98	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	Script files Script files Script files
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	

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6.0/9.0	01/09/98 03/06/98	01/13/98 03/09/98	01/13/98 03/09/98	01/14/98 03/09/98	01/16/98 03/09/98	01/17/98 03/10/98		Done by SCF CM except Codine testing
7.2	01/22/98	03/09/98	03/09/98	03/09/98	03/09/98	03/09/98		
7.1	01/20/98 03/09/98	03/10/98	03/10/89	03/10/98	03/10/98	03/11/98		Done by SCF CM except Codine testing
8.0	01/20/98 03/09/98	03/10/98	03/10/98	03/10/98	03/10/98	03/11/98		Done by SCF CM except Codine testing
10.0	01/20/98 03/09/98	03/10/98	03/10/98	03/10/98	03/10/98	03/11/98		Done by SCF CM except Codine testing
11.0	08/01/97 10/10/97 02/27/98	08/05/97 10/14/97 03/04/98	08/05/97 10/14/97 03/04/98	08/07/97 10/16/97 03/04/98	08/07/97 10/16/97 03/04/98	08/08/97 10/17/97 03/04/98		
12.0	08/01/97 12/12/97 01/23/98 03/06/98	08/05/97 12/22/97 01/26/98 03/10/98	08/06/97 12/22/97 01/26/98 03/10/98	08/05/97 12/29/97 02/03/98 03/10/98	08/06/97 12/30/97 02/03/98 03/10/98	08/08/97 12/30/97 02/03/98 03/10/98	08/08/97	

**Status of Release 2 CERES SSIT at the LaRC DAAC (03/17/98)**

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
CERESlib	06/17/97	06/18/97	06/23/97	06/18/97	06/18/97	N/A	N/A	
	08/01/97+	08/04/97	08/05/97	08/05/97	08/05/97	N/A	N/A	+Delivery for SS 11
	10/03/97*	10/06/97	10/07/97	10/07/97	10/07/97	N/A	N/A	* Delivery for TK5.2
	10/31/97-	11/04/97	11/04/97	11/06/97	11/06/97	N/A	N/A	- Delivery for SSF
	12/04/97	12/09/97	12/09/97	12/09/97	12/09/97	N/A	N/A	
	12/23/97	01/02/98	01/02/98	01/09/98	01/09/98	N/A	N/A	
	01/20/98	01/22/98	01/22/98	01/23/98	01/23/98	N/A	N/A	- With Toolkit 5.2.1
	02/13/98	02/17/98	02/17/98	02/17/98	02/17/98	N/A	N/A	
	03/06/98	03/09/98	03/09/98	03/09/98	03/09/98			Done by SCF CM except Codine testing

# CERES Release 2 DAAC Performance Measurements -03/17/98

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	NAG 32bit	08/08	1633	1548	29	35672	29	40.5	709	0	0	319	.001	31
12.0	MOA Regridding														
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	NAG 32bit	01/17	602	471	96	5755	6	108.1	5769	0	15	0	.001	744
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.**