

## DAAC/ECS STATUS Table for July 8, 1998

Release	DESCRIPTION	Status	Problems/Comments
<b>LaTIS</b>	<b>Definition/ Development</b>	<p>DPREP Automated Parallel testing is ongoing. We are experiencing a database memory leak on our production machine due to a possible bug in the Informix Java Library. Informix is shipping us the latest version of the Informix Java API to solve this problem.</p> <p>A comparison program was used on the automatically generated DPREP output files against Manual Operations' generated output files for 6/10 to present. All have been found to be identical (Parallel Automation testing started 6/10).</p>	
	<b>SSI&amp;T</b>	<p>Completed Operational and CODINE testing of Clouds Subsystem 4.1 - 4.4.</p> <p>Completed CODINE and Operation Testing of TISA Gridding (Subsystem 6 and 9) and Instaneous SARB (Subsystem 5). Promotion to production is in progress.</p>	
	<b>Production</b>	<p>Production of Instrument/Erbelike for June 1998 was completed.</p> <p>Production of Clouds/Inversion (ValidationR2) for January 1998 is in progress.</p> <p>New performance measurements gathered; ERBElke measurements now include HDF processing as HDF files are created within the same job stream.</p>	
	<b>Other</b>	None	
<b>Version 2.0</b>	<b>HW/SW Installations</b>	ECS Drop 4P installation will begin July 20.	
	<b>Other</b>	MISR SSI&T is in progress on ECS. 2 PGEs have successfully been run through PDPS.	

### Status of Release 2 CERES SSIT at the LaRC DAAC (07/07/98)

Subsystem	Date Files available for testing	Compile and link with SCF toolkit	Run test cases with SCF toolkit cmd line	Run test cases using Codine	Operational Testing	Promotion to Production	Delivery placed under CM	Description	Comments
1.0	10/24/97 01/23/98 02/20/98 03/17/98 06/01/98	10/27/97 01/26/98 02/24/98 03/17/98 06/02/98	10/28/97 01/27/98 02/24/98 03/17/98 06/02/98	10/30/97 01/27/98 02/24/98 03/18/98 06/08/98		11/26/97 02/02/98 03/02/98 04/02/98 06/17/98	10/27/97 01/26/98 02/24/98 03/17/98 06/22/98	AtLaunch ValidationR1 ValidationR1 Edition1 Edition1	new scripts  new ConvertBDS
2.0 & 3.0	12/17/97 02/24/98 03/02/98 03/09/98 03/24/98 05/29/98	12/19/97 02/26/98 03/05/98 03/09/98 03/24/98 05/29/98	12/19/97 02/27/98 03/06/98 03/09/98 03/24/98 06/03/98	12/22/97 02/28/97 03/06/98 03/98/98 03/25/98 06/03/98		12/29/97   03/10/98 04/06/98 06/05/98	12/18/97 02/25/98 03/05/98 03/09/98 03/24/98 06/10/98	AtLaunch ValidationR1 ValidationR1 ValidationR ValidationR2 Edition1	revised source code Revised code
4.1-4.4	01/30/98 02/20/98 02/24/98 03/12/98 04/01/98 04/21/98 06/25/98	02/06/98   04/01/98 04/24/98 06/25/98	02/17/98   04/01/98 04/29/98 06/26/98	02/17/98   04/02/98 04/29/98 06/29/98		02/17/98 02/20/98 02/24/98 03/12/98 04/10/98 04/29/98 07/01/98	02/05/98 02/20/98 02/24/98 03/12/98 04/01/98 05/20/98 07/05/98	ValidationR1 ValidationR1 ValidationR1 ValidationR1 ValidationR2 ValidationR2 ValidationR2	Script files Script files Script files Not promoted  New code
4.5-4.6	02/12/98 04/08/98 06/12/98	02/19/98 04/08/98 06/12/98	02/20/98 04/08/98 06/16/98	02/20/98 04/13/98 06/18/98	04/14/98 06/18/98	03/04/98 05/11/9 06/24/98	02/18/98 05/26/98 06/24/98	ValidationR1 ValidationR2 ValidationR2	New code
5.0	02/12/98 03/23/98 04/06/98  06/22/98	02/23/98  04/07/98  06/30/98	02/24/98  04/08/98  06/30/98	02/24/98  04/08/98  07/02/98	03/31/98 03/31/98 05/21/98  07/06/98	03/31/98 03/31/98 05/22/98  	02/23/98 03/23/98 04/07/98  	ValidationR1 ValidationR1 ValidationR2  ValidationR2	Script files Needed data to complete testing. .met files missing

### Status of Release 2 CERES SSIT at the LaRC DAAC (07/07/98)

Subsystem	Date Files available for testing	Compile and link with SCF toolkit	Run test cases with SCF toolkit cmd line	Run test cases using Codine	Operational Testing	Promotion to Production	Delivery placed under CM	Description	Comments
6.0/9.0	03/06/98 05/04/98  05/26/98 06/29/98	03/09/98 05/05/98  06/16/98 06/29/98	03/09/98 05/05/98  06/16/98 06/30/98	03/10/98 05/06/98  06/16/98 07/02/98	03/23/98 05/06/98	03/23/98	03/09/98	ValidationR1 ValidationR2   ValidationR2	Problems during operational testing. Currently being worked.
7.2	01/22/98	03/09/98	03/09/98	03/09/98			03/09/98	ValidationR1	Not promoted
7.1/8.0/10.0	03/09/98 05/08/98	03/10/98 05/08/98	03/10/98 05/08/98	03/11/98 05/12/98			03/10/89	ValidationR1 ValidationR2	Not promoted Operational testing on hold for redelivery of SS 6/9.
11.0	02/27/98 04/24/98 06/22/98	03/04/98 04/24/98	03/04/98 04/24/98	03/04/98 04/29/98	04/29/98 06/22/98	04/08/98 05/14/98	03/04/98 06/04/98	ValidationR1 Composite Composite	No runs made  Correction to script; not promoted; awaiting new delivery
12.0	12/12/97 01/23/98 03/06/98 04/07/98	12/29/97 02/03/98 03/10/98 04/09/98	12/30/97 02/03/98 03/10/98 04/09/98	12/30/97 02/03/98 03/10/98 04/10/98	03/10/98 04/13/98	01/09/98 02/06/98 03/12/98 04/13/98	12/22/97 01/26/98 03/10/98 05/18/98	ValidationR1   DAO-GEOS2	
CERESlib	10/31/97 12/04/97 12/23/97 01/20/98 02/13/98 03/06/98 03/23/98 04/21/98 05/01/98 06/03/98	11/06/97 12/09/97 01/09/98 01/23/98 02/17/98 03/09/98 03/23/98 04/21/98 05/01/98 06/03/98	11/06/97 12/09/97 01/09/98 01/23/98 02/17/98 03/09/98 03/23/98 04/21/98 05/01/98 06/03/98	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 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	11/04/97 12/09/97 01/02/98 01/22/98 02/17/98 03/09/98 03/23/98 05/04/98 05/12/98	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	- version of CERESlib used at launch   - With Toolkit 5.2.1  Done by CERES CM Done by CERES CM Done by CERES CM Done by CERES CM Done by CERES CM

# CERES Post-Launch DAAC Production Measurements - 7/7/98

One execution on LaTIS configuration of each main processor PGE for actual production of January 5, 1998 TRMM data

SS	PGE	Compiler	Date	Time, sec			Block I/O		Memory, MB	Disk Storage, MB			Runs per Mnth
				Wall	User	Sys	In	Out		In	Int	Arch	
1	Instrument	Ada	04/06	17691	17174	200	81102	9655	317	210	887	1561	31
2	Daily TOA Inversion	SGIF90	06/09	2771	2066	344	57586	56	73	284	0	986	31
3	Monthly Averaging	SGIF90	06/11	660	549	96	2117	262	52	119	0	138	1
4.1-4.4	Cloud Retrieval/Footprint	SGIF90	03/24	4082	3939	42	4547	7	416	313	757	168	744
4.5-4.6	TOA/Surface Fluxes	SGIF90	03/25	145	33	107	3268	8	4	214	0	200	744
5.0	Instantaneous SARB*	SGIF90	05/27	10652	10517	47	3228	5	23	243	0	234	744
7.2	Synoptic SARB												
12	MOA Regridding	NAG 32	02/06	1737	1666	38	36102	30	45	43	0	320	31
6.0	Atmospheric Gridding												
6.1	Sort SFW Files												
9.1	Post-process MOA												
9.2	Surface Gridding												
9.3	Sort SFC Files												
11	Grid Geostationary*	NAG 32	05/19	84653	83752	167	32457	3	856	2125	178	0	4
11	Sort GGEO												
7.1	Synoptic Interpolate												
8.0	Synoptic Averaging												
10.0	TOA/SRB 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.**

\* Instantaneous SARB measurements are from Jan. 2, 1998 hour 15 and GGEO measurements are from Jan. 1998 GOES8 run.