

## \_DAAC/ECS STATUS Table for June 24, 1998

Release	DESCRIPTION	Status	Problems/Comments
<b>LaTIS</b>	<b>Definition/ Development</b>	<p>DPREP is currently in Automated Parallel testing on our production machine, Bartok. The Product Generation System has automatically processed the DPREP PGE (CER0.1P1) starting from 6/10 to present. All output files have been created and have been placed in the following test area: /test/CERES/instrument/data/ancillary/static</p> <p>A Perl script has been written to automatically compare the ".nat" files to manual productions' ".nat" files. This compares file sizes and does a binary compare. We will also continue to compare the ".hdf" files using the program called "hcmp."</p> <p>Testing of the Automated Instrument Wrapper Application is ongoing.</p>	
	<b>SSI&amp;T</b>	<p>Completed Operational and CODINE testing of Subsystem 1.0 delta delivery</p> <p>Completed CODINE and Operational testing of Subsystem 4.5</p> <p>Conducted Operational and CODINE testing of Subsystems 6 &amp; 9. Found problems with SS 6 (PGE6.1). Problem being resolved by Subsystem personnel.</p> <p>Conducting testing on delta delivery of SS. 11.0 (GGEO) with Jan. 1998 METEOSAT data.</p>	
	<b>Production</b>	<p>Production of Instrument/Erbelike for June 1998 in progress.</p> <p>Completed reprocessing of along-track days through SS 1 and reprocessing of May 21-28 for utcpole file corrections through SS1.</p> <p>Completed Erbelike (Edition 1) processing for January, February, March 1998 through SS2. Completed Erbelike (Edition 1) processing for January 1998 for SS3. Work in progress on processing April and May 1998.</p> <p>Completed processing Grid GEO for GOES8, GOES9, and GMS data for January 1998. Processing of METEOSAT data will begin with promotion of the SS 11 delta delivery mentioned above.</p>	
	<b>Other</b>	None	

Release	DESCRIPTION	Status	Problems/Comments
<b>Version 2.0</b>	<b>HW/SW Installations</b>	Patches to Drop 4 are being installed as needed to support MISR SSI&T.  ECS Drop 4P installation will begin mid to late July.	
	<b>Other</b>	<p>SCF TK 5.2.3:</p> <p>The new SDP TK release, SCF Toolkit 5.2.3 and HDF-EOS 2.3 are available. These versions contain only fixes for problems found earlier, no new functionality exists.</p> <p>They are accompanied by User's Guides and Version Description Documents, and an update of the simplified guide, the Toolkit Primer.</p> <p>The new TK/HDF release have been developed and tested on the 7.2 versions of the SGI compilers. They have also successfully been installed and built on SGI Origin hardware running IRIX 6.4.</p>	

### Status of Release 2 CERES SSIT at the LaRC DAAC (06/23/98)

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	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	02/06/98  04/01/98 04/24/98	02/17/98  04/01/98 04/29/98	02/17/98  04/02/98 04/29/98		02/17/98 02/20/98 02/24/98 03/12/98 04/10/98 04/29/98	02/05/98 02/20/98 02/24/98 03/12/98 04/01/98 05/20/98	ValidationR1 ValidationR1 ValidationR1 ValidationR1 ValidationR2 ValidationR2	Script files Script files Script files Not promoted
4.5-4.6	02/12/98 04/08/98 04/12/98	02/19/98 04/08/98 04/12/98	02/20/98 04/08/98 04/12/98	02/20/98 04/13/98 04/16/98	04/14/98 04/16/98	03/04/98 05/11/98	02/18/98 05/26/98	ValidationR1 ValidationR2 ValidationR2	
5.0	02/12/98 03/23/98 04/06/98  06/22/98	02/23/98 04/07/98	02/24/98 04/08/98	02/24/98 04/08/98	03/31/98 03/31/98 05/21/98	03/31/98 03/31/98 05/22/98	02/23/98 03/23/98 04/07/98	ValidationR1 ValidationR1 ValidationR2	Script files Needed real data to complete testing.

### Status of Release 2 CERES SSIT at the LaRC DAAC (06/23/98)

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	03/09/98 05/05/98  06/16/98	03/09/98 05/05/98  06/16/98	03/10/98 05/06/98  06/16/98	03/23/98 05/06/98	03/23/98	03/09/98	ValidationR1 ValidationR2	New software available/ problems exists.(5/26/98) 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
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		01/09/98 02/06/98 03/10/98 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 - 6/8/98

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	
1.0	Instrument	Ada	02/02	18745	18236	179	68689	9913	309	210	887	992	31
2.0	Daily TOA Inversion	SGIF90	03/11	1626	1080	274	36934	38	71	278	0	482	31
3.0	Monthly Averaging	SGIF90	03/11	214	162	41	2029	184	16	119	0	75	1
4.1-3	Cloud Retrieval	SGIF90	03/24	4082	3939	42	4547	7	416	313	757	168	744
4.4	Footprint Convolution	SGIF90	03/24	2451	2345	22	8740	4	416	793	0	200	744
4.5-6	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												
12.0	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												
11.0	Grid Geostationary*	NAG 32	05/19	84653	83752	167	32457	3	856	2125	178	0	4
11.1	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.