

## \_DAAC/ECS STATUS Table for September 2, 1998

| Release            | DESCRIPTION                        | Status  | Problems/Comments |
|--------------------|------------------------------------|---|-------------------|
| <b>LaTIS</b>       | <b>Definition/<br/>Development</b> | LaTIS Product Generation promoted Automated DPREP into Production on 8/25/98.<br><br>Preparing Instrument Wrapper Applications for Parallel Production.<br><br>ERBE-like Wrapper Applications are under development.  |                   |
|                    | <b>SSI&amp;T</b>                   | Conducting Operational and CODINE testing on Subsystem 7.1, 8, 10 (TISA_AVG).   |                   |
|                    | <b>Production</b>                  | Completed Production Processing of all PGEs for TISA Gridding (Subsystem 6 and 9) for January 1998.<br><br>Continued Instrument and ERBElke Production for August 1998 as well as special quick-look processing requests.   |                   |
|                    | <b>Other</b>                       | Completed revisions on the Operations Agreement.<br><br>Promotion of software using TK 5.2.3 was postponed by Maria until after the science team meeting.   |                   |
| <b>Version 2.0</b> | <b>HW/SW<br/>Installations</b>     | ECS V2.0 Drop 4P/P1 Acceptance Tests (AT) at Langley DAAC has been completed by the DAAC testing team. Installation of V2.0 Drop 4PL will start on 9/8.   |                   |
|                    | <b>Other</b>                       | Version 3.0 of EOSView supporting HDF-EOS Version 2.3 (June 1998) is out. It has a new plot filter prototype and bug fixes. An updated EOSView Users Guide will be available soon.<br><br>New release of IDL (5.2), scheduled for release before the end of 1998, will offer updated support for HDF 4.1r2 and HDF-EOS. |                   |

### Status of Release 2 CERES SSIT at the LaRC DAAC (08/31/98)

| 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<br>01/23/98<br>02/20/98<br>03/17/98<br>06/01/98<br>07/21/98             | 10/27/97<br>01/26/98<br>02/24/98<br>03/17/98<br>06/02/98<br>07/22/98             | 10/28/97<br>01/27/98<br>02/24/98<br>03/17/98<br>06/02/98<br>07/22/98             | 10/30/97<br>01/27/98<br>02/24/98<br>03/18/98<br>06/08/98<br>07/30/98             |  | 11/26/97<br>02/02/98<br>03/02/98<br>04/02/98<br>06/17/98<br>07/31/98             | 10/27/97<br>01/26/98<br>02/24/98<br>03/17/98<br>06/22/98<br>08/13/98             | AtLaunch<br>ValidationR1<br>ValidationR1<br>Edition1<br>Edition1<br>Edition1                                 | new scripts<br><br>new ConvertBDS<br>new algorithms, offsets                 |
| 2.0 & 3.0 | 12/17/97<br>02/24/98<br>03/02/98<br>03/09/98<br>03/24/98<br>05/29/98<br>07/14/98 | 12/19/97<br>02/26/98<br>03/05/98<br>03/09/98<br>03/24/98<br>05/29/98<br>07/15/98 | 12/19/97<br>02/27/98<br>03/06/98<br>03/09/98<br>03/24/98<br>06/03/98<br>07/16/98 | 12/22/97<br>02/28/97<br>03/06/98<br>03/98/98<br>03/25/98<br>06/03/98<br>07/20/98 |  | 12/29/97<br><br><br>03/10/98<br>04/06/98<br>06/05/98<br>07/24/98                 | 12/18/97<br>02/25/98<br>03/05/98<br>03/09/98<br>03/24/98<br>06/10/98<br>07/27/98 | AtLaunch<br>ValidationR1<br>ValidationR1<br>ValidationR<br>ValidationR2<br>Edition1<br>Edition1              | revised source code<br>Revised code  |
| 4.1-4.4   | 01/30/98<br>02/20/98<br>02/24/98<br>03/12/98<br>04/01/98<br>04/21/98<br>06/25/98 | 02/06/98<br><br><br>04/01/98<br>04/24/98<br>06/25/98                             | 02/17/98<br><br><br>04/01/98<br>04/29/98<br>06/26/98                             | 02/17/98<br><br><br>04/02/98<br>04/29/98<br>06/29/98                             |  | 02/17/98<br>02/20/98<br>02/24/98<br>03/12/98<br>04/10/98<br>04/29/98<br>07/01/98 | 02/05/98<br>02/20/98<br>02/24/98<br>03/12/98<br>04/01/98<br>05/20/98<br>07/05/98 | ValidationR1<br>ValidationR1<br>ValidationR1<br>ValidationR1<br>ValidationR2<br>ValidationR2<br>ValidationR2 | Script files<br>Script files<br>Script files<br>Not promoted<br><br>New code |
| 4.5-4.6   | 02/12/98<br>04/08/98<br>06/12/98   | 02/19/98<br>04/08/98<br>06/12/98   | 02/20/98<br>04/08/98<br>06/16/98   | 02/20/98<br>04/13/98<br>06/18/98   | 04/14/98<br>06/18/98                             | 03/04/98<br>05/11/9<br>06/24/98  | 02/18/98<br>05/26/98<br>06/24/98   | ValidationR1<br>ValidationR2<br>ValidationR2   | New code   |
| 5.0       | 02/12/98<br>03/23/98<br>04/06/98<br><br>06/22/98                                 | 02/23/98<br><br>04/07/98<br><br>06/30/98   | 02/24/98<br><br>04/08/98<br><br>06/30/98   | 02/24/98<br><br>04/08/98<br><br>07/02/98   | 03/31/98<br>03/31/98<br>05/21/98<br><br>07/08/98 | 03/31/98<br>03/31/98<br>05/22/98<br><br>07/14/98                                 | 02/23/98<br>03/23/98<br>04/07/98<br><br>07/15/98                                 | ValidationR1<br>ValidationR1<br>ValidationR2<br><br>ValidationR2   | Script files<br>Needed data to complete testing. .met files missing          |

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| 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      | 05/04/98                         | 05/05/98                          | 05/05/98                                 | 05/06/98                    | 05/06/98            |                         |                          | ValidationR2 | Problems during testing.<br>No Runs Made; additional problems found by SCF.<br>No Runs; Problems found.<br><br>New Scripts for prod. problem.        |
|              | 05/26/98                         | 06/16/98                          | 06/16/98                                 | 06/16/98                    |                     |                         |                          | ValidationR2 |  |
|              | 06/29/98                         | 06/29/98                          | 06/30/98                                 | 07/02/98                    | 07/08/98            | 07/09/98                | 07/13/98                 | ValidationR2 |  |
|              | 07/16/98                         | 07/16/98                          | 07/17/98                                 | 07/27/98                    | 07/27/98            | 07/29/98                | 08/03/98                 | ValidationR2 |  |
|              | 08/10/98                         | 08/14/98                          | 08/14/98                                 | 08/15/98                    | 08/19/98            | 08/20/98                | 08/21/98                 | ValidationR2 |  |
|              | 08/27/98                         | N/A                               | N/A                                      | N/A                         | 08/27/98            | 08/28/98                | 08/31/98                 | ValidationR2 |  |
| 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                         | 03/10/98                          | 03/10/98                                 | 03/11/98                    |                     |                         | 03/10/89                 | ValidationR1 | Not promoted<br>Not promoted<br>Problems found in operational testing being worked.  |
|              | 05/08/98                         | 05/08/98                          | 05/08/98                                 | 05/12/98                    |                     |                         |                          | ValidationR2 |  |
|              | 07/30/98                         | 08/06/98                          | 08/06/98                                 | 08/26/98                    |                     |                         |                          | ValidationR2 |  |
| 11.0         | 02/27/98                         | 03/04/98                          | 03/04/98                                 | 03/04/98                    |                     | 04/08/98                | 03/04/98                 | ValidationR1 | No runs made<br><br>Not promoted; script only<br>Problems found.   |
|              | 04/24/98                         | 04/24/98                          | 04/24/98                                 | 04/29/98                    | 04/29/98            | 05/14/98                | 06/04/98                 | Composite    |  |
|              | 06/22/98                         |                                   |  |                             | 06/22/98            |                         |                          | Composite    |  |
|              | 07/08/98                         | 07/08/98                          | 07/09/98                                 | 07/15/98                    | 07/16/98            | 07/17/98                | 07/21/98                 | Composite    |  |
|              | 07/28/98                         | 07/29/98                          | 07/29/98                                 | 07/31/98                    | 07/31/98            | 08/06/98                | 08/14/98                 | Composite    |  |
| 12.0         | 12/12/97                         | 12/29/97                          | 12/30/97                                 | 12/30/97                    |                     | 01/09/98                | 12/22/97                 | ValidationR1 |  |
|              | 01/23/98                         | 02/03/98                          | 02/03/98                                 | 02/03/98                    |                     | 02/06/98                | 01/26/98                 |              |  |
|              | 03/06/98                         | 03/10/98                          | 03/10/98                                 | 03/10/98                    | 03/10/98            | 03/12/98                | 03/10/98                 |              |  |
|              | 04/07/98                         | 04/09/98                          | 04/09/98                                 | 04/10/98                    | 04/13/98            | 04/13/98                | 05/18/98                 | DAO-GEOS2    |  |
|              |                                  |                                   |  |                             |                     |                         |                          |              |  |
| CERESlib     | 10/31/97                         | 11/06/97                          | 11/06/97                                 | N/A                         | N/A                 | N/A                     | 11/04/97                 | N/A          | - version of CERESlib used at launch<br><br>- With Toolkit 5.2.1<br><br>Done by CERES CM<br>Done by CERES CM<br>Done by CERES CM<br>Done by CERES CM |
|              | 12/04/97                         | 12/09/97                          | 12/09/97                                 | N/A                         | N/A                 | N/A                     | 12/09/97                 | N/A          |  |
|              | 12/23/97                         | 01/09/98                          | 01/09/98                                 | N/A                         | N/A                 | N/A                     | 01/02/98                 | N/A          |  |
|              | 01/20/98                         | 01/23/98                          | 01/23/98                                 | N/A                         | N/A                 | N/A                     | 01/22/98                 | N/A          |  |
|              | 02/13/98                         | 02/17/98                          | 02/17/98                                 | N/A                         | N/A                 | N/A                     | 02/17/98                 | N/A          |  |
|              | 03/06/98                         | 03/09/98                          | 03/09/98                                 | N/A                         | N/A                 | N/A                     | 03/09/98                 | N/A          |  |
|              | 03/23/98                         | 03/23/98                          | 03/23/98                                 | N/A                         | N/A                 | N/A                     | 03/23/98                 | N/A          |  |
|              | 04/21/98                         | 04/21/98                          | 04/21/98                                 | N/A                         | N/A                 | N/A                     | 05/04/98                 | N/A          |  |
|              | 05/01/98                         | 05/01/98                          | 05/01/98                                 | N/A                         | N/A                 | N/A                     | 05/12/98                 | N/A          |  |
|              |                                  |                                   |  |                             |                     |                         |                          |              |  |

# CERES Post-Launch DAAC Production Measurements - 8/31/98

One execution on LaTIS configuration of each PGE for actual production of January 5, 1998 (Hr 00 if hrly) TRMM data.

| SS      | PGE                        | Compiler | Date  | Time, sec |       |      | Block I/O |      | Memory, MB | Disk Storage, MB |     |      | Run per Mnt h |
|---------|----------------------------|----------|-------|-----------|-------|------|-----------|------|------------|------------------|-----|------|---------------|
|         |                            |          |       | Wall      | User  | Sys  | In        | Out  |            | In               | Int | Arch |               |
| 1.0     | Instrument (1.1P1)         | Ada      | 04/06 | 17691     | 17174 | 200  | 81102     | 9655 | 317        | 210              | 887 | 1561 | 31            |
| 2.0     | Daily TOA Inversion(All)   | SGIF90   | 06/09 | 2771      | 2066  | 344  | 57586     | 56   | 73         | 284              | 0   | 986  | 31            |
| 3.0     | Monthly Averaging(All)     | SGIF90   | 06/11 | 660       | 549   | 96   | 2117      | 262  | 52         | 119              | 0   | 138  | 1             |
| 4.1-4.4 | Surfmap (4.1-4.0P1)        | SGIF90   | 07/03 | 5         | 2     | 1    | 496       | 4    | 64         | 2                | 0   | 5    | 31            |
| 4.1-4.4 | Cld Ret/Ftprnt (4.1-4.1P1) | SGIF90   | 07/03 | 5529      | 5227  | 84   | 26891     | 25   | 430        | 313              | 757 | 168  | 744           |
| 4.1-4.4 | CRH Update (4.1-4.2P1)     | SGIF90   | 07/03 | 22        | 18    | 1    | 1367      | 7    | 43         | 9                | 0   | 19   | 31            |
| 4.5-4.6 | TOA/Surf Flx (4.5-61P1)    | SGIF90   | 07/04 | 1311      | 351   | 906  | 3110      | 8    | 5          | 214              | 0   | 200  | 744           |
| 4.5-4.6 | TOA/Surf Flx (4.5-6.2P1)   | SGIF90   | 07/05 | 48        | 3     | 8    | 3097      | 6    | 16         | 193              | 0   | 197  | 744           |
| 5.0     | Inst. SARB (5.1P1)         | SGIF90   | 07/15 | 9948      | 9810  | 47   | 3374      | 5    | 23         | 278              | 0   | 240  | 744           |
| 5.0     | Inst. SARB (5.2P1)         | SGIF90   | 07/15 | 6458      | 186   | 6113 | 5384      | 466  | 20         | 240              | 0   | 273  | 744           |
| 7.2     | Synoptic SARB              |          |       |           |       |      |           |      |            |                  |     |      |               |
| 12.0    | MOA Regridding (12.1P1)    | NAG 32   | 02/06 | 1737      | 1666  | 38   | 36102     | 30   | 45         | 43               | 0   | 320  | 31            |

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One execution on LaTIS configuration of each PGE for actual production of January 5, 1998 (Hr 00 if hrly) TRMM data.

| SS           | PGE                       | Compiler | Date  | Time, sec |       |      | Block I/O |      | Mem-<br>ory,<br>MB | Disk Storage, MB |     |      | Run<br>per<br>Mnt<br>h |
|--------------|---------------------------|----------|-------|-----------|-------|------|-----------|------|--------------------|------------------|-----|------|------------------------|
|              |                           |          |       | Wall      | User  | Sys  | In        | Out  |                    | In               | Int | Arch |                        |
| 6.0          | Synoptic Gridding (6.1P1) | NAG32    | 08/26 | 66        | 16    | 29   | 4203      | 3    | 89                 | 6004             | 1   | 0    | 744                    |
| 6.0          | Sort FSW Files(6.2P1)     | NAG32    | 08/28 | 719       | 220   | 289  | 41774     | 75   | 499                | 2970             | 0   | 2114 | 1                      |
| 6.0          | FSW HDF (6.3P1)           | NAG32    | 08/28 | 1098      | 640   | 436  | 32300     | 52   | 138                | 2114             | 0   | 2110 | 1                      |
| 9.0          | Post MOA (9.1P1)          | NAG 32   | 08/20 | 27160     | 14194 | 8753 | 288014    | 6    | 397                | 9920             | 0   | 5764 | 1                      |
| 9.0          | Surface Gridding (9.2P1)  | NAG 32   | 08/21 | 44        | 12    | 29   | 3607      | 3    | 121                | 5964             | 1   | 0    | 744                    |
| 9.0          | Sort SFC Files (9.3P1)    | NAG32    | 08/28 | 384       | 148   | 173  | 17885     | 74   | 497                | 1385             | 0   | 824  | 1                      |
| 9.0          | SFC HDF (9.4P1)           | NAG32    | 08/28 | 463       | 252   | 199  | 12450     | 27   | 105                | 824              | 0   | 810  | 1                      |
| 11.0         | Grid GOES-8 (11.1P1)      | NAG 32   | 08/11 | 84712     | 83843 | 172  | 32470     | 4    | 856                | 2125             | 178 | 0    | 1                      |
| 11.0         | Grid GOES-9 (11.1P2)      | NAG 32   | 08/11 | 85885     | 84923 | 183  | 41179     | 4    | 805                | 2740             | 183 | 0    | 1                      |
| 11.0         | Grid GMS (11.1P4)         | NAG 32   | 08/10 | 80884     | 80133 | 150  | 18187     | 4    | 25                 | 1272             | 185 | 0    | 1                      |
| 11.0         | Grid Meteosat (11.1P3)    | NAG 32   | 08/13 | 75985     | 75090 | 172  | 18408     | 4    | 23                 | 1180             | 185 | 0    | 1                      |
| 11.0         | Sort GGEO (11.2P1)        | NAG 32   | 08/14 | 18073     | 13486 | 4365 | 16517     | 5115 | 1709               | 731              | 0   | 568  | 1                      |
| 7.1          | Synoptic Interpolate      |          |       |           |       |      |           |      |                    |                  |     |      |                        |
| 8.0          | Synoptic Averaging        |          |       |           |       |      |           |      |                    |                  |     |      |                        |
| 10.0         | TOA/SRB Averaging         |          |       |           |       |      |           |      |                    |                  |     |      |                        |
| System Total |                           |          |       |           |       |      |           |      |                    |                  |     |      |                        |