

February 11, 2004 - System Issues and Status

**Table 1: Process Strategy/Geier as of 02/11/04
Active Requests in order of priority (1 of 6)**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR18-04	Terra	ValR1	SRBAVG (SS10)	10.1P1	1/01 - 12/01	Waiting on delivery.
PR 22-04	Terra	ValR1	CRS (SS5)	5.0P1 5.1P1 5.4P1	7/01 + 1/1-2/01 + 4/2-3/01 + 10/1-2/01	Waiting on delivery to promote. Crosstrack only.
PR 20-04	Terra	ValR1	FSW (SS 6)	6.1P1 6.2P1 6.3P1	7/01	Waiting on delivery to promote and ValR1 CRS input to be available. Crosstrack only.
PR 129-03, 130-03	Aqua	ValR3/ValR4	BDS (SS1)	1.1P5 1.2P1 1.3P3 1.2P1	6/03	Waiting on delivery to promote.
PR 124-03 to 128-03	Aqua Aqua/ Terra	ValR4	ERBElike (SS2&3)	2.4P1 2.2P1 2.3P1 2.3P2 3.1P1 3.2P1 3.2P2	6/03	Waiting on code to promote and SRF delivery.
PR 113-03. 113-03A	Terra	Edition2A (Inversion only)	SSF (SS4.5)	4.5-6.3P2 4.5-6.2P2 4.5-6.4P1	1/01- 12/01	Done 2/4/04.
PR 112-03	Terra	Edition2A	SFC (SS9)	9.2P1 9.3P1 9.4P1	1/01- 12/01	Done 2/4/04.
PR 6-04		Edition2	GGEO (SS11)	11.1P5 11.1P6 11.1P7 11.1P8 11.2P2 11.4P1	1/01 - 12/01	Done 2/5/04.
PR17-04	Terra	Edition2A	SRBAVG (SS10)	10.1P1	3/00- 2/02	ValR1 must be approved before this starts.

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 21-04	Terra	Edition2A	CRS (SS5)	5.0P1 5.1P1 5.4P1	1/01, 4/01, 7/01, 10/01	ValR1 must be approved before this runs. Crosstrack only.
PR 19-04	Terra	Edition2A	FSW (SS 6)	6.1P1 6.2P1 6.3P1	1/01, 4/01, 7/01, 10/01	ValR1 must be approved before this runs. Crosstrack only.
PR 113-03 113-03A	Terra	Edition2A (Inversion only)	SSF (SS4.5)	4.5-6.3P2 4.5-6.2P2 4.5-6.4P1	3/00- 12/00	Expected to complete 2/7/01.
PR 112-03	Terra	Edition2A	SFC (SS9)	9.2P1 9.3P1 9.4P1	3/00- 12/00	Expected to complete 2/8/01.
PR 8-04		Edition2	GGEO (SS11)	11.1P5 11.1P6 11.1P7 11.1P8 11.2P2 11.4P1	3/00 - 12/00	
PR 96-03, 97-03	Terra	Edition2-QC	SSF (SS4)	4.1-4.1P2 4.1-4.2P1 4.1-4.2P2 4.1-4.3P1	1/02 - 2/02	Delta delivery didn't work out. Process 1/2/02 forward. Delta to be promoted along with Aqua Beta2 delivery.
PR 10-04, 11-04	Terra	Edition2A	SSF (SS4.5-6)	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	1/02 - 2/02	ValR3 approved - ready to go.
PR 9-04	Terra	Edition2A	SFC (SS9)	9.2P1 9.3P1 9.4P1	1/02 - 2/02	
PR 8-04		Edition2	GGEO (SS11)	11.1P5 11.1P6 11.1P7 11.1P8 11.2P2 11.4P1	1/02 - 2/02	
PR 122-03, 123-03	Aqua	Edition2	BDS (SS1)	1.3P3 1.2P1	6/18/02 - 10/03	ValR3 must be approved before starting this.

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 117-03 to 121-03	Aqua Aqua/ Terra	Edition2	ERBElike (SS2&3)	2.4P1 2.2P1 2.3P1 2.3P2 3.1P1 3.2P1 3.2P2	6/18/02 - 10/03	ValR3 must be approved before starting this.
PR 15-04, 16-04	Aqua	Beta2	SSF (SS4)	4.1-4.1P3 4.1-4.2P1 4.1-4.2P2 4.1-4.3P1 4.5-6.3P2 4.5-6.2P2 4.5-6.4P1	12/02	Once Edition2 IES available and Cloud code promoted, begin running.
PR 14-04	Aqua	Beta2	SFC (SS9)	9.2P1 9.3P1 9.4P1	12/02	
PR 21-04	Terra	Edition2A	CRS (SS5)	5.0P1 5.1P1 5.4P1	1/01 - 12/01 remaining 8 months	ValR1 must be approved before this runs. Crosstrack only.
PR 19-04	Terra	Edition2A	FSW (SS 6)	6.1P1 6.2P1 6.3P1	1/01 - 12/01 remaining 8 months	ValR1 must be approved before this runs. Crosstrack only.
PR 99-03		GEOS4	MOA (SS12)	12.1P1	2/25/00 - 12/31/03	
PR 109-03		GEOS4	PMOA (SS9.1)	9.1P1	3/1/00 - 12/31/03	
PR 116-03	TRMM	Beta3	TSI (SS7.1)	7.1.1P1	4/98, 7/98, 8/98	Waiting on delivery to promote.
PR 97-03	Terra	Edition2-QC	SSF (SS4)	4.1-4.1P2 4.1-4.2P1 4.1-4.2P2 4.1-4.3P1	3/02 - 2/03	Clouds portion.
PR 10-04, 11-04	Terra	Edition2A	SSF (SS4.5-6)	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	3/02 - 2/03	
PR 9-04	Terra	Edition2A	SFC (SS9)	9.2P1 9.3P1 9.4P1	3/02 - 2/03	

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Active Requests in order of priority (4 of 6)**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 8-04		Edition2	GGEO (SS11)	11.1P5 11.1P6 11.1P7 11.1P8 11.2P2 11.4P1	3/02 - 2/03	
PR17-04	Terra	Edition2A	SRBAVG (SS10)	10.1P1	3/02- 2/03	ValR1 must be approved before this starts.
PR 21-04	Terra	Edition2A	CRS (SS5)	5.0P1 5.1P1 5.4P1	3/00 - 12/00 1/02 - 2/03	ValR1 must be approved before this runs. Crosstrack only.
PR 19-04	Terra	Edition2A	FSW (SS 6)	6.1P1 6.2P1 6.3P1	3/00 - 12/00 1/02 - 2/03	ValR1 must be approved before this runs. Crosstrack only.
PR13-04	Aqua	Beta2	SRBAVG (SS10)	10.1P1	12/02	Run once GGEO and SFC inputs are available.
Standing requests AM-PR 1-00 to 7-00	Terra	Edition1	BDS/ ERBELike (SS1-3)	1.1P3 1.2P1 1.3P1 1.3P2 2.1P1 2.2P1 2.3P1 2.3P2 3.1P1	For 1/00 - present	
Standing requests AM-PR 8A-02 to 11-02	Terra	Edition2	BDS/ ERBELike (SS1-3)	1.2P1 1.3P3 2.2P1 2.3P1 2.3P2 2.4P1 3.1P1 3.2P2	For 7/03 - present	Need Gains and SCR before processing any further. (ValRX approved)

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Active Requests in order of priority (5 of 6)**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
Standing requests PM-PR 7-03A to 10-03	Aqua	Edition1	BDS/ ERBELike (SS1-3)	1.1P5 1.2P1 1.3P1 1.3P2 2.2P1 2.3P1 2.3P2 3.1P1 3.2P2	For 1/04 - present	Do not start until all January'04 data received.
Standing requests PM-PR 11-03, 13-03 to 17-03	Aqua	Edition2	BDS/ ERBELike (SS1-3)	1.3P3 1.2P1 2.2P1 2.3P1 2.3P2 2.4P1 3.1P1 3.2P2	For 11/03 - present	Need Gains and SCR before processing any further. (ValRX approved)
Standing request PM-PR 12-03	Aqua/ Terra	Edition2	ES4/ES9 (SS3)	3.2P1	For 11/03 - present	Need Gains and SCR before processing any further. (ValRX approved)
M-PR 3-02		NSIDC- NESDIS	EICE ESNOW (SS4.1)	4.1-4.0P1	Standing request	
PR 97-03	Terra	Edition2-QC	SSF (SS4)	4.1-4.1P2 4.1-4.2P1 4.1-4.2P2 4.1-4.3P1	3/03 - 6/03	Run at LOW priority after 2/03 finishes.
PR 10-04, 11-04	Terra	Edition2A	SSF (SS4.5-6)	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	3/03 - 6/03	
PR 9-04	Terra	Edition2A	SFC (SS9)	9.2P1 9.3P1 9.4P1	3/03 - 6/03	
PR 12-04	Terra	ValR3	SSF (SS4.5-6)	4.5-6.1P2 4.5-6.2P2	1 day	Done 1/27/04.

**Table 1: Process Strategy/Geier as of 02/11/04
Active Requests in order of priority (6 of 6)**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 7-04		ValR10	GCEO (SS11)	11.1P5 11.1P6 11.1P7 11.1P8 11.2P2 11.4P1	3/00	Cancelled 1/28/04. No coefficient delivery is needed for 3/00.

**Table 2: Process Strategy/Geier as of 02/11/04
Coming Soon**

Active Month	Satellite	Processing Strategy	Data Product (SS#)	Data Dates	Comments
4/04	Aqua	Beta1	CRS (SS5)	12/02	May or may not need redelivery to support Aqua.
	Aqua	Beta1	FSW (SS6)	12/02	Test at SCF to verify no redelivery needed.
	TRMM	Beta2	Synoptic SARB (SS7.2)	4/98, 7/98, 8/98	Rerun 3 months of SYNI to use as input for SYN/AVG/ZAVG.
	TRMM	Beta1	SYN/AVG/ZAVG (SS8)	4/98, 7/98, 8/98	Need Synoptic SARB input.
	Terra	Beta2	TSI (SS7.1)	??	
	Terra	Beta1	Synoptic SARB (SS7.2)		
	Terra	Beta1	SYN/AVG/ZAVG (SS8)	??	Need Synoptic SARB input.
	Aqua	Beta1	TSI (SS7.1)		Not on Bruce's schedule.
	Aqua	Beta1	Synoptic SARB (SS7.2)		Not on Bruce's schedule.
	Aqua	Beta1	SYN/AVG/ZAVG (SS8)		Not on Bruce's schedule.

Table 3: February 11, 2004 - System Issues and Status

Activity	Lead	Status
CM	Ayers	<ul style="list-style-type: none"> • See Table 4 for SCCR activity since the last DMT meeting. SCCRs that need to be reviewed follow Table 4. (Ayers) • Tested the following deliveries and released them to the ASDC: Instantaneous SARB (SCCR 498) and TISA Gridding (SCCR 499). (Ayers) • Delivered the SSF sample read package for the Terra Edition2A and Aqua Beta2 data sets to the ASDC. (Ayers) • Delivered the Clouds S'COOL data file for December 2003 to the ASDC. (Ayers) • Updated the CERES Collection Guides Web page to have product-specific generic names for the PDF files. Also, created placeholders for the documents that are not yet available. Provided information on these modifications to Paula Detweiler so the CERES Data Sets Web page could be updated appropriately. These modifications were made to assist the Users Services group so they would not have to update their Web page whenever a Collection Guide is updated. (Ayers, Saunders)

Table 4: SCCR Activity January 27 at 12:15 p.m. - February 9 at 10:30 a.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
491				X		4.5&4.6		
499			X			6		
500			X	X		12		CERESlib modifications
501				X		4.1-4.4		
502			X	X		CERESlib		

S=Submitted; U=Updated; A=Approved; C=Closed; D=Disapproved; SS=Subsystem

Table 5: February 11, 2004 - Subsystem Issues and Status (1 of 3)

SS No.	SS Lead	Status	Problems
1.0	Cooper	<ul style="list-style-type: none"> • No report received. 	
2.0	Kizer	<ul style="list-style-type: none"> • Continuing to provide support in calculating new instrument gain coefficients and spectral correction coefficients for Aqua Edition2 production processing. (Walikainen, Kizer) • Continuing to provide support in studying and calculating new WN channel algorithm. (Walikainen, Kizer) • Continuing to generate a limited ascii dump program to generate “pretty” output ascii file for HDF read packages. (Kizer) • Continuing to examine the production email generated by the QC checker software. (Walikainen) • Continuing to inspect ERBE-like Aqua and Terra output plots and QC reports on the Web. (Walikainen, Kizer) 	
3.0	Kizer	Combined with above.	
4.1	Sun-Mack	<ul style="list-style-type: none"> • Completed processing CloudVis images for Terra-MODIS Edition2-QC data for March 2003 for 39 subset regions. Completed processing CloudVis images for TRMM-VIRS Edition2 through August 1999 for the Southwest African Coast subset region. Results are posted on the web. (R. Brown). • Staged all pixel level TRMM-VIRS_Edition2 output, from Jan. 1998 to July 2001, over ARM SGP site. Averaged the cloud properties at 30x30km and 100x100km respectively. The results were posted on the web for further validations with ground measurements. (Chen, Sun-Mack) • From Pat Minnis’ request, re-processed Terra-MODIS SGP overpasses from March 2000 through December 2001. Re-averaged cloud fraction separated by cloud phase. The results were posted on the web for further validation with ground measurements. (Sun-Mack) 	

Table 5: February 11, 2004 - Subsystem Issues and Status (2 of 3)

SS No.	SS Lead	Status	Problems
4.1	Sun-Mack (Cont'd)	<ul style="list-style-type: none"> Looked into the cases that Norm found: Observation indicated cloudy sky, but CERESmask returned clear sky. (Sun-Mack) 	
4.2	Sun-Mack	Combined with above.	
4.3	Sun-Mack	Combined with above.	
4.4	Miller	<ul style="list-style-type: none"> Supported SSIT for the Terra Delta delivery. (Miller) Researched additional information for the Terra Edition2A SSF Data Quality Summary and provided comments. (Miller) Code was written to grid the difference (mean and standard deviation) between two days worth of SSF. (Miller) 	
4.5	Nolan	<ul style="list-style-type: none"> An updated draft of the SSF description/abstract web page was created. The description for terra was updated to include Beta5, Edition2-QC and Aqua-Beta1 products. (Hoppe) Continued work on the SSF Read package. Met with Erika and Paula on contents of the README file. Created a new Sample HDF SSF file with corrected metadata. (Nolan) Continued to organize and move Terra Edition1A SSF Subsets from Inversion-a disk to the disks connected to bobill. Continued to retrieve and organize Terra Edition2A SSF Subsets from the ASDC archive and store them on the inversion-a disk. (Nolan) Validated a day of Terra ValR3 SSF data at the ASDC by comparing the results to Edition2A. (Nolan) 	
4.6	Nolan	Combined with above.	
5.0	Coleman	<ul style="list-style-type: none"> Updating CRS Sample Read Package. (Caldwell) Enhancing Monthly QC Summary report software. (Zentz) 	

Table 5: February 11, 2004 - Subsystem Issues and Status (3 of 3)

SS No.	SS Lead	Status	Problems
7.2	Coleman	<ul style="list-style-type: none"> Reviewing SARB Working Group's list of changes for the late spring Synoptic SARB software delivery and SYNI data structure (**HEADS UP SUBSYSTEM 8!!). (Coleman, Zentz) 	
12.0	Coleman	<ul style="list-style-type: none"> Answering questions from Eugene Clothiaux at Penn State regarding how to decipher ECMWF data. (Caldwell) 	
7.1	Nguyen	<ul style="list-style-type: none"> No new updates. 	
8.0	Nguyen	<ul style="list-style-type: none"> No new updates. 	
10.0	Nguyen	<ul style="list-style-type: none"> Continue validating and preparing for the delivery. (Nguyen) 	
6.0	Raju	<ul style="list-style-type: none"> Delivered PGE CER6.3P1 to CERES CM (with corrected julian time on HDF product). (Stassi) Investigated the SW ADM code used in the Tisa Averaging subsystems. It appears that the Edition1A version of the TRMM ADM code is being used rather than the Edition2B version. In the later version, the value for the unknown scene type was changed from 591 to 592. (Stassi) 	
9.0	Raju	<ul style="list-style-type: none"> Ran PGE CER9.4P1 with July 2001 data at the SCF. Changed compression level from 6 to 1. There were small differences in process time and output size. Based on these results, it was decided that no change was necessary for the compression level in PGE CER6.3P1 prior to delivery. (Stassi) 	
11.0	Stassi	<ul style="list-style-type: none"> No updates. 	
CERESlib Stassi/Ayers		<ul style="list-style-type: none"> No updates. 	