

October 5, 2011 - System Issues and Status
Table 1: Process Strategy/Coleman as of 10/05/11
Active Requests in order of priority as of 10/03/11

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
The PRs that follow are the Standing PRs						
M-PR 1-09		NSIDC-NESDIS	EICE ESNOW 16 th mesh	4.1-4.0P2	Standing Request	
AM- PR 6-05, 7-05, and 1-10 to 4-10 PM-PRs 16-05, 18-05, 2-10, 4-10, 6-10, 8-10 PM-PRs 11-05 to 14-05, 1-10, 3-10, 5-10, 7-10	Terra FM3 FM4	Edition1-CV	BDS/ ERBELike (SS1-3)	1.1P3 1.2P1 1.3P1 1.3P2 2.1P1 2.2P1 2.3P1 2.3P2 3.1P1	Standing request	
AM 1-11 to 7-11 PM 1-11 to 7-11	Terra Aqua	Edition1-CV	SSF Clouds and Inversion	4.1-4.1P4/5 4.1-4.2P2/3 4.1-4.3P2 4.5-6.1P2/3 4.5-6.2P2 4.5-6.4P1	Standing Request	
PR M 3-11 SCCR 858	CERES	DAO-G5-CERES	MOA	12.1P1	Standing request	New PR for AMI processing
PR M 2-11 SCCR 753	CERES	DAO-G5-CERES	PMOA	9.1P1	Standing request	New PR to coordinate with new standing PR M 3-11
The PRs that follow are the Non-Standing PRs that can be processed						

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PRs 185-10 thru 187-10 SCCR 782	Terra	ValR15 (for Ed1-CV)	SSF	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	12/07	Ready Priority Level 1
PRs 89-11 thru 91-11 154-11 thru 158-11 SCCR 866	Terra Aqua TRMM	ValR23	BDS, IES	1.1P8	3/00, 11/04, 4/09 9/02, 11/04, 4/09 and other selected months	Ready Priority 1
PRs 92-11 thru 96-11, 104-11 thru 108-11 SCCRs 863, 716	Terra Aqua	ValR23, ValR23-Ed2 ValR23-Ed3	BDS, IES	1.2P1 1.3P1 1.3P2 1.3P3	3/00, 11/04, 4/09 9/02, 11/04, 4/09	Ready Priority 1
PRs 97-11, 98-11 SCCR 756	Terra Aqua	ValR23		1.4P1	3/00, 11/04, 4/09 9/02, 11/04, 4/09	Ready Priority 1
PRs 17-11, 18-11 SCCR 756	FM1, FM2, FM3, FM4	ValR17		1.4P1	3/31/00 (Terra) 9/30/02 (Aqua) 11/30/04 (Both) 4/30/09 (Both)	Ready Priority Level 2
PRs 176-10 thru 178-10 SCCRs 811, 791, 690	Terra	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	3/00 – 10/05	In Progress Priority Level 1
PRs 179-10 thru 181-10 SCCR 789	Terra	Edition3A	SFC	9.2P2, 9.3P2 9.4P2	3/00 – 10/05	Ready Priority Level 1
PR 182-10 SCCR 794	Terra	Edition3A	SAH	5.0P2	3/00 – 10/05	Ready Priority Level 1

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PRs 84-10, 76-10, 92-10 SCCRs 812, 791, 690	FM3, FM4	Edition3A	SSF	4.5-6.5P5 4.5-6.2P4 4.5-6.4P1	7/2/02 – 3/30/05	Ready Priority Level 1
* PRs 111-10 thru 113-10 (partial – remainder) SCCR 789	Aqua XTrk	Edition3A	SFC	9.2P2 9.3P2 9.4P2	7/02 – 4/06 NOTE: Dates 7/02 thru 3/05 should only need to be processed at this point	Hold-Production- Input – 4/05 thru 4/06 already processed Priority Level 1
PR 100-10 SCCR 794	FM3, FM4	Edition3A	SAH	5.0P2	7/02 – 3/05	Hold-Production- Input Priority Level 1
PRs 164-11 thru 166-11	Terra	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	1/06, 5/06, 6/06	Ready Priority Level 1
PRs 161-11 thru 163-11	Terra	Edition3A	SFC	9.2P2, 9.3P2 9.4P2	1/06, 5/06, 6/06	Ready Priority Level 1
PRs 136-09, 137-09 SCCR 746	FM1, FM2, FM3, FM4	Edition2A	ISCCP- D2like- Day/Nit	9.0P1	Launch thru 10/02	Ready. Priority Level 1
PR 6-11 SCCR 749	CERES	GMAO- G541-Ed4	MOA	12.1P2	2/28/2000 – 3/1/2010	In Progress Priority Level 2
PR 65-11 SCCR 794	FM1 FM2	Edition3A	SAH	5.0P2	7/10 – 11/10	Ready Priority Level 2
PR 69-11 SCCR 794	FM1 FM2	Edition3A	SAH	5.0P2	12/2010	Ready Priority Level 2
PR 68-11 SCCR 794	FM3 FM4	Edition3A	SAH	5.0P2	3/10 – 6/10	3 / In Progress. FM3 Complete Priority Level 2

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 47-09 SCCR 685	FM3, FM4	Edition2D/ Ed2D-NoSW	SFC	9.2P1 9.3P1 9.4P1	11/30/07 - 3/1/10 7/1/10	In Progress NOTE: Dates through 4/10 complete Priority Level 3
PRs 9-10 thru 10-10 SCCR 650	FM1, FM2	Edition2E	SRBAVG	10.0P1, 10.0P2	3/2000 – 10/05	Ready. Priority Level 3
PRs 7-10 thru 8-10 SCCR 650	FM3, FM4	Edition2B	SRBAVG	10.0P1, 10.0P2	7/2002 – 10/05	Ready. Priority Level 3
PRs 5-10 thru 6-10 SCCR 650	FM1, FM2	Edition2E	SRBAVG	10.0P1, 10.0P2	11/05 – 2/10	Ready. Priority Level 3
PRs 3-10 thru 4-10 SCCR 650	FM3, FM4	Edition2B	SRBAVG	10.0P1, 10.0P2	11/05 – 2/10	Ready. Priority Level 3
PR 46-09	FM3 V005 MYD08	Edition2D	CRS	5.0P1 5.1P1 5.4P1	12/1/07 - 6/30/10	Ready. Process 1 st month and wait for SS checkout Priority Level 3
PR 45-09 SCCR 685	FM3	Edition2D	FSW	6.1P1 6.2P1 6.3P1	12/1/07 - 6/30/10	Ready. Priority Level 3
<p align="center">**** The PRs that follow are on HOLD. They cannot be processed until the necessary input data are available. ****</p>						
PR 87-11 SCCR 865	NPP	ValR23	BDS, IES	1.1P7	9/6/10 – 9/8/10	Hold. Pre-Production - Pending Input Priority 1

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 88-11 SCCR 866	NPP	ValR23	BDS, IES	1.1P8	9/6/10 – 9/8/10	Hold. Pre-Production - Pending Input Priority 1
PR 110-11 SCCR 865	NPP	ValR24	BDS, IES	1.1P7	9/6/10 – 9/8/10	Hold. Pre-Production - Pending Input Priority 2
PRs 111-11, 112-11 SCCRs 863, 716	NPP	ValR24	BDS, IES	1.2P1, 1.3P1	9/6/10 – 9/8/10	Hold. Pre-Production - Pending Input Priority 2
PR 113-11 SCCR 756	NPP	ValR24	BDS, IES	1.4P1	9/6/10 – 9/8/10	Hold. Pre-Production - Pending Input Priority 2
PR 188-10 SCCR 795	Merged	Edition3A	SYN1deg-3Hour/ M3Hour/ Month	8.1P1	12/07 – 6/10	HOLD – Production - Input Priority 1
PR 173-10 SCCR 797	Terra-Aqua	Edition3A	SYNI	7.2.1P1	12/07 – 6/10	HOLD – Production - Input Priority 3
PRs 183-10 175-10 174-10 82-11 SCCR 797	Merged	Edition3A	SYNI	7.2.1P1	7/02 – 10/05 11/05 – 4/06 1/06, 5/06 – 12/07 7/10 – 12/10	HOLD – Production - Input Priority 3

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PRs 191-10, 190-10, 189-10, 81-11 SCCR 795	Merged	Edition3A	SYN1deg- 3Hour/ M3Hour/ Month	8.1P1	7/02 – 4/06 1/06, 5/06 – 12/07 7/10 – 12/10	HOLD – Production - Input Priority 3
PRs 73-11 thru 75-11 SCCRs 811, 791, 690	FM1, FM2	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	12/2/2010 – 1/1/11	Hold-Production- Input. Complete thru 12/31/10 Priority Level 3
PRs 70-11 thru 72-11 SCCR 789	Terra Xtrk	Edition3A	SFC	9.2P2 9.3P2 9.4P2	12/2/2010 – 1/1/11	Hold-Production- Input. Complete thru 12/31/10 Priority Level 3
PRs 58-11 thru 56-11 SCCRs 812, 791, 690	FM3, FM4	Edition3A	SSF	4.5-6.5P5 4.5-6.2P4 4.5-6.4P1	6/30/10 – 12/1/10 11/1/11	Hold-Production- Input. FM3 Complete thru 12/31/10 Priority Level 3
PRs 62-11 thru 64-11 SCCR 789	Aqua Xtrk	Edition3A	SFC	9.2P2 9.3P2 9.4P2	6/30/10 – 12/1/10 11/1/11	Hold-Production- Input. Complete thru 12/31/10 Priority Level 3
**** The PRs that follow are on HOLD. They cannot be processed until the PGEs have completed pre-operational testing and been promoted ****						
PR 86-11 SCCR 855	NPP	ValR23		1.0P2	9/6/10 – 9/8/10	Hold. Pre- Production - Pending Promotion Priority 1

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PRs 102-11, 103-11 SCCR 770	Terra Aqua	ValR23		1.4P2	3/00, 11/04, 4/09 9/02, 11/04, 4/09	HOLD –PreProd- Software Delivery Priority 1
PRs 128-11, 129-11 SCCR 770	Terra Aqua	ValR24		1.4P2	3/00, 11/04, 4/09 9/02, 11/04, 4/09	HOLD –PreProd- Software Delivery Priority 1
PRs 14-11 thru 15-11 SCCR 770	FM1, FM2, FM3, FM4	Edition1-CV		1.4P2	3/31/00 (Terra) 9/30/02 (Aqua) 11/30/04 (Both) 4/30/09 (Both)	HOLD –PreProd- Software Delivery Priority Level 2
PR 181-11 SCCR 804	Terra +Aqua	Ed3A-ValR1	SYNi	7.2.1P1	01/2008	HOLD – PreProd- Pending Promotion Priority 1
PRs 29-11 thru 31-11 SCCR 763	Terra, Aqua	Beta1	ISCCP- D2like- Mrg	9.0P2 9.0P3	200107 200401 200404 200407 200410	HOLD –PreProd- Waiting for Promotion Priority Level 3
PRs 139-11 thru 142-11 SCCR 809	FM1, FM2	Beta1-Ed4	SSFI	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	2/28/2000 – 6/1/2005	HOLD –PreProd- Waiting for Promotion Priority Level 2
PRs 143-11 thru 146-11 SCCR 809	FM3, FM4	Beta1-Ed4	SSFI	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	6/30/2002 – 3/30/2005	HOLD –PreProd- Waiting for Promotion Priority Level 2
PR 160-11 SCCR 833	Terra- Aqua	Edition3A	(pre)TSI	10.0P3	1/06, 5/06, 6/06	HOLD – Pre- Production - Delivery Priority Level 2

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PRs 168-11 SCCR 833	Terra-Aqua	Edition3A	(pre)TSI	10.0P3	3/10 – 6/10	HOLD – Pre-Production - Delivery Priority Level 2
PR 83-11 SCCR 833	Terra-Aqua	Edition3A	TSI	7.3.1P1	7/10 – 12/10	HOLD – Pre-Production - Delivery Priority 2
PR 164-10 SCCR 833	Terra-Aqua	Edition3A	TSI	7.3.1P1	12/07 – 2 6/10	HOLD – Pre-Production - Delivery Priority 2
PR 167-11 SCCR 833	Terra-Aqua	Edition3A	TSI	7.3.1P1	3/10 – 6/10	HOLD – Pre-Production - Delivery Priority Level 2
PR 159-11 SCCR 833	Terra-Aqua	Edition3A	TSI	7.3.1P1	1/06, 5/06, 6/06	HOLD – Pre-Production - Delivery Priority Level 2
PR 165-10 SCCR 833	Terra-Aqua	Edition3A	TSI	7.3.1P1	7/06 – 7/12	HOLD – Pre-Production - Delivery Priority Level 3
PR 169-10 SCCR 833	Terra-Aqua	Edition3A	(pre)TSI	10.0P3	7/02 – 4/06	HOLD – Pre-Production - Delivery Priority 3
PR 166-10 SCCR 833	Terra-Aqua	Edition3A	TSI	7.3.1P1	7/02 – 4/06	HOLD – Pre-Production - Delivery Priority Level 3

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Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PRs 169-11 thru 180-11 SCCR 740	Terra, Aqua	ValR25a, ValR25m	SCC Snow, Ice ES8, ES4, ES9	2.4P1 2.1P1 2.2P1, 2.3P1, 2.3P2, 3.1P1, 3.2P1	9/15/07 – 11/15/07 10/07 9/30/07 – 11/1/07 10/07	HOLD –PreProd- Waiting for Promotion Priority Level 2
**** PRs to be written ****						
	FM2, FM4	Edition3A	SSF, SAH	4.5-6.5P4 4.5-6.5P5 4.5-6.2P2 4.5-6.4P1 5.0P2	FM2: 3/06 - 3/1/10 FM4: 4/05 - 3/1/10	
	FM1 FM2	Beta1-Ed4	SSF	Inversion		
	FM3 FM4	Beta1-Ed4	SSF	Inversion		

Table 2. October 5, 2011 - System Issues and Status

This table will be updated on Wednesday, October 5, 2011

Activity	Lead	Status
SEC	Miller	<ul style="list-style-type: none"> • Nothing to report. (Miller)
CM/Documentation	Ayers (Saunders)	<ul style="list-style-type: none"> • See Table 3 for the current CERES Subsystem Delivery Schedule and Table 4 for the current CERES Coefficients Delivery Schedule. (Ayers) • See Table 5 for SCCR activity since the last DMT meeting. SCCRs that need to be reviewed follow Table 5. (Ayers) •
AMI Job Submission Scripts – Phase 1	Ayers (Grepitotis)	<ul style="list-style-type: none"> •

Table 3. CERES Subsystem Delivery Schedule – September 2011
(CERES Science Team Meeting: October 4 – 6, 2011, in Livermore, CA)
(NPP Launch Date: October 25, 2011)

These tables will be updated on Wednesday, October 5, 2011

Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Release to Langley DAAC	Reason for Delivery	CERESlib Delivery Needed	New PGE(s)	Certified Platform(s)
Instrument (SCCR 865)	August 5	August 19 In CM Queue	August 26	Update the CER1.1P1, 3, 5, & 7 to properly report QA flags on the IES.			<i>AMI-P6 & AMI-x86</i>
Instrument (SCCR 866)	August 26	September 9 In CM Queue	September 16	Fix errors found in the QC report header during NCT 4 and the error found during Terra/Aqua validation efforts.			<i>AMI-P6</i>
CERESlib (SCCR 859)	September 2	September 16	September 23	Adding routines to handle new CERES exit codes and apply fix for missing host name and OS type in metadata.			<i>AMI-P6 & AMI-x86</i>
Perl_Lib (SCCR 846)	September 9	September 23	September 30	Adding Toolkit::PCF and Log::PCF for creating PCFs. Adding Log::Client to handle PGEs communicating with logging server.			<i>AMI-P6 & AMI-x86</i>
Inversion (SCCR 814)	September 9	September 23	September 30	Terra and Aqua Beta1-Edition4 . PGEs CER4.5-6.1P4, CER4.5-6.1P5, CER4.5-6.2P3 and CER4.5-6.4P2.	X		<i>AMI-P6</i>
TISA Gridding (SCCR 763)	N/A	September 23	September 30	Beta1–Edition2 delivery of 2 new PGEs (CER9.0P2 & CER9.0P3) for new ISCCP-D2like-Mrg product. [All ISCCP-D2like HDF products will have the same format.]		X	<i>AMI-P6</i>
ERBE-like (SCCR 867)	January 6	January 20	January 27	Porting all ERBE-like PGEs to x86 platform and standardizing exit codes.			<i>AMI-x86</i>

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Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Release to Langley DAAC	Reason for Delivery	CERESlib Delivery Needed	New PGE(s)	Certified Platform(s)
Instantaneous SARB		Spring		Beta1-Edition4 CRS.			AMI-P6 & AMI-x86
GGEO		Summer		Beta1-Edition4 GGEO delivery.			AMI-P6
Instrument (SCCR 641)		???		Delivery of simulated IES PGE to support TRMM VIRS-only processing. New PGE: CER1.0P1.		X	magneto-P4

SCF Processing

Subsystem	Reason for Delivery	SCF Platform
TISA Averaging (SCCR 766)	SRBAVG-nonGEO Beta2-Edition3. New PGE CER10.1P1 for the subsetter code.	AMI-P6

Table 4. CERES Coefficients Delivery Schedule – September 2011

Subsystem	Preliminary Delivery Memo to CM	Delivery to CERES CM	Release to Langley DAAC	Reason for Delivery	Certified Platform(s)
There are no deliveries planned at this time.					

Table 5. SCCR Activity September 2 at 5:00 p.m. – September 19 at 5:00 p.m.

This table will be updated on Wednesday, October 5, 2011

SCCR	S	U	A	C	D	SS	Page No.	Comments

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

CERES Software Configuration Change Request Submittal

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Table 6. October 5, 2011 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
Toolkit Issues	Hillyer (Grepitotis)	<ul style="list-style-type: none"> Nothing to report. (Hillyer) 	
CERES-lib	Grepitotis (Hillyer)	<ul style="list-style-type: none"> SCCR 859 – Completed initial release of CERES Exit Codes list. Wrote C++ routines to access and use codes from PGEs by using mnemonic values. (Hillyer) 	
Perl_Lib	Hillyer (Grepitotis)	<ul style="list-style-type: none"> SCCR 869 – Added support for both Sun Grid Engine and Univa Grid Engine and delivered library to <i>AMI-P</i>. (Hillyer) SCCR 846 – Testing and debugging functionality in the <i>AJSS_PGE</i> module. Continuing to add and test PGE controller chaining helper routines. (Hillyer) 	
CERES Proc. System	Hillyer (Grepitotis)	<ul style="list-style-type: none"> Ran abridged version of stress test to run 7 months of Terra-FM1 through CER1.1P8 only on both the new Power 6 and <i>x86</i> blades. Discovered CER1.1P8 consumes too much memory to run on <i>x86</i> configured with 8 slots and 16GB of RAM. Several systems ran out of physical memory and swap memory during test and went offline. (Hillyer) 	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> SCCR 770 – Promoted to production. (Hess, Timcoe) SCCR 865 – In CERES CM testing. (Cooper) SCCR 866 – Released to ASDC SIT for operational testing. (Grepitotis, Timcoe) 	
2.0	Walikainen (Lande)	<ul style="list-style-type: none"> Created nadir files and completed analysis of proposed Edition3 FM1, FM2, and FM3 spectral responses, Jan-May 2011. (Walikainen) SCCR-868 - Delivered Beginning-of-Mission FM5 unfiltering coefficients to CM. Also updated Requirements Log. (Walikainen) SCCR-740 - Prepared and delivered CER2.1P1 script updates to fix Problem Reports Nos. 176 and 177. (Walikainen) SCCR-740 - Provided Sue Sorlie with a list of all ERBE-like QC reports. (Walikainen) SCCR-740 - Updated ValR25a/m PRs with minor fixes and data year switch from 2007 to 2009 to address Problem Report No. 175. (Lande) 	

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SS No.	SS Lead	Status	Problems
2.0 (Cont'd)	Walikainen (Lande)	<ul style="list-style-type: none"> • SCCR-740 - Provided solutions and clarifications for proper testing of the ValR PRs, including for the new Edition3 (cross-track only) data products (i.e., Problem Report Nos. 168, 178, 179 and Documentation Problem Reports Nos. 65/66). This included updated Operator's Manuals. (Lande) • SCCR-740 - Validated SCCs and ES8Ns generated from ValR25a/m PRs. (Walikainen) • SCCR-740 - Updated and tested CER2.1P1 driver script to copy Web products to Web-accessible area. Also updated File Utilities modules for CER2.2P1 (tested and validated), CER2.3P1/2, and CER3.1P1 to fix problem identified by Dale last Friday. (Lande, Walikainen) 	
3.0	Walikainen (Lande)	<ul style="list-style-type: none"> • Combined with above. 	
4.1	Sun-Mack (Brown)	<ul style="list-style-type: none"> • This will be updated on Wednesday, October 5. 	
4.2	Sun-Mack	<ul style="list-style-type: none"> • Combined with above. 	
4.3	Sun-Mack	<ul style="list-style-type: none"> • Combined with above. 	
4.4	Miller (Antropov)	<ul style="list-style-type: none"> • Updated MODIS–CERES Narrowband-Broadband regression for available Edition3A and Edition1-CV data and posted it on the Web. (Miller) • Prepared four years of CCCM updated files for delivery to the ASDC. (Miller) • Continued updates to the Edition2/3 SSF Collection Guide. (Miller) • Assisted in transferring inversion code to ERBE CERESlike processing toa. (Miller) • Investigating color bars to use in CERES radiance and flux plots using SSF data. (Antropov) • Supported discussions on calibration of ERBE non-scanner using scanner data. (Miller) 	
4.5	Sothcott	<ul style="list-style-type: none"> • SCCR 814 - Received new scripts for PGE CER4.5-6.1P4. Tested the scripts with all available options in the software and have worked out all the bugs. (Sothcott, Hillyer) 	

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SS No.	SS Lead	Status	Problems
4.5 (Cont'd)	Sothcott	<ul style="list-style-type: none"> Completed running several months of FM2 data provided by the Clouds group. This data is now obsolete. (Sothcott) Continued work on updated SWB algorithms using MODIS aerosols. (Sothcott) Currently working to resolve issues with production runs of PGE CER4.5-6.5P5. (Sothcott) 	
4.6	Sothcott	<ul style="list-style-type: none"> Combined with above. 	
5.0	Caldwell (Coleman)	<ul style="list-style-type: none"> No new updates. (Caldwell) 	
7.2	Caldwell (Coleman)	<ul style="list-style-type: none"> Attempting to run a year of SYNI "Lite" data offline in preparation for running 10 years of data. (Caldwell) 	
12.0	Caldwell (Coleman)	<ul style="list-style-type: none"> Debugging issues with using ASDC G5.7.2 data for Edition4 FlashFLUX MOA. (Caldwell) Filenames and parameter names have changed from the sample data. (Caldwell) 	
7.1	Nguyen (Lock)	<ul style="list-style-type: none"> Supported TSI and SYN validation by providing July 2008 and November 2005 for SYNI runs. (Nguyen) Updated merged Terra/Aqua TSI code to correct error in the all-sky SW and reran November 2005 through February 2010 TSI to create inputs for SYNI runs. (Nguyen) Testing TSI code with satellite options. (Nguyen) Preparing to deliver code TSI code on <i>AMI-P</i>. (Nguyen) 	
8.0	Nguyen (Lock)	<ul style="list-style-type: none"> Running the SYN1Deg using the latest TSI and SYNI inputs so that the data can be checked. Corrected the handling of the four layers of Cloud data in the netCDF file which is posted to the subsetter. (Lock) Supported the SYN validation. Provided SYN data per scientists' requests. (Lock) Provided plots for the flux-by-cloud to support code validation. (Lock) 	
10.0	Nguyen (Lock)	<ul style="list-style-type: none"> Provided plots to support CERES Science Team Meeting. (Nguyen) Ran SYN Lite from January through June 2011. (Nguyen) 	

Table 6. October 5, 2011 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
10.0 (Cont'd)	Nguyen (Lock)	<ul style="list-style-type: none"> • Ran the flux-by-cloud code to provide the data for validation. Plotted data for Moguo Sun to support the code validation. (Nguyen) • Provided the geodetic weight calculation code to Dave Doelling and Norman Loeb. Searching for documentation as requested by Norman Loeb. (Nguyen) 	
6.0	Raju (Nguyen)	<ul style="list-style-type: none"> • No new updates. (Raju) 	
9.0	Raju (Nguyen)	<ul style="list-style-type: none"> • Created IDL plots for the Flux-By-CldTyp for better visibility of the differences between the SFC and the new netCDF data. (Lock) • SCCR 763 – Science team validations continued. Science updates were included in the software. New modules are included in both 9.0P2 and 9.0P3 software to perform range checks. Modified scripts were received from Thomas and testing. (Raju) • Processed 03/2010 – 12/2010 SSF data through PGEs 9.0P1, 9.0P2, and 9.0P3 to produce ISCCP-D2like-Day/nit and ISCCP-D2like-Mrg products for sub set. (Raju) • As per science requests, processed July 2002 Aqua at SCF for SYNI process. (Raju) 	
11.0	Raju (Nguyen)	<ul style="list-style-type: none"> • Completed processing 07/2010 – 12/2010 GGEO data through PGE 11.7P1 to produce ISCCP-D2like-GEO products. (Raju) • Started processing 2011 months MET7, MET9, G-11/13 images through the IDL program to identify bad images. (Hazari, Raju) 	

Table 7. October 5, 2011 – DM Tasks

Activity	Status
Production Processing Database/Automation (Coleman)	<ul style="list-style-type: none">• Added capability to "clone" existing PRs to create new PRs. (Heckert)• Incorporated tables for the display order of PRs. (Grune)• Continued preparing Test Plan and Operational Implementation plan. (Coleman)
Ordering Tool (Kizer)	<ul style="list-style-type: none">• This will be updated on Wednesday, October 5.

Table 8. October 5, 2011 – NPP Issues

Activity	Status
FM5	<ul style="list-style-type: none">• Nothing new to report. (Miller)• Supporting the NPP GOE testing. Provided RDR missing data information so that missing data could be reordered from the Land PEATE. (Cooper, Hillyer, Spivak)• NPP Launch delayed until 10/27/2011 due to a hydraulic leak.

Table 1: PGE Current Events Status Table

		Status of PGEs on Each Platform and TK Version used for Compilation ^{1,2}							Status of Misc. Item(s)	
Subsystem ID	PGE ID	SGI	P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver	"New" Wrapper Scripts for AMI Status (Y / N / Devel / SSI&T / n/a) ⁷	Comments
Instrument - 1	CER1.0P1	N	N	N/A	N	N/A	N	N/A	n/a	Will comply with all the latest whenever delivered
	CER1.0P2	N	N	N/A	Y	16	Y	16	Y	C++ RDR Pre-Processor
	CER1.1P1	Y	N	N/A	N	N/A	SSI&T	16	Y	To be disabled when C++ working- CER1.1P8
	CER1.1P3	Y	N	N/A	N	N/A	SSI&T	16	Y	To be disabled when C++ working- CER1.1P8
	CER1.1P5	Y	N	N/A	N	N/A	SSI&T	16	Y	To be disabled when C++ working- CER1.1P8
	CER1.1P7	SSI&T	N	N/A	N	N/A	SSI&T	16	Y	Ada NPP
	CER1.1P8	N	N	N/A	SSI&T	16	Devel	N/A	Y	C++ NPP, Terra, Aqua
	CER1.2P1	Y	N	N/A	Y	16	Y	16	Y	C code, NPP capable.
	CER1.3P1	Y	N	N/A	N	N/A	Y	16	Y	Replace with CER1.4P1 on P6
	CER1.3P2	Y	N	N/A	N	N/A	Devel	16	Devel	Replace with CER1.4P2 on P6
	CER1.3P3	Y	N	N/A	N	N/A	Y	16	Y	Replace with CER1.4P3 on P6
	CER1.4P1	N	N	N/A	Y	16	Y	16	Y	
	CER1.4P2	N	N	N/A	Devel	16	Devel	16	Devel	
	CER1.4P3	N	N	N/A	Devel	16	Devel	16	N	
ERBE-like - 2	CER2.1P1	N	Y	16	SSI&T	16	Devel	16	SSI&T	
	CER2.2P1	N	Y	15	SSI&T	16	Devel	16	SSI&T	Compile HDF with TK 15, run with TK 16
	CER2.3P1	N	Y	16	SSI&T	16	Devel	16	SSI&T	
	CER2.3P2	N	Y	16	SSI&T	16	Devel	16	SSI&T	
	CER2.4P1	N	Y	16	SSI&T	16	Devel	16	SSI&T	
ERBE-like - 3	CER3.1P1	N	Y	16	SSI&T	16	Devel	16	SSI&T	
	CER3.2P1	N	Y	16	SSI&T	16	Devel	16	SSI&T	

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		Status of PGEs on Each Platform and TK Version used for Compilation ^{1,2}							Status of Misc. Item(s)	
Subsystem ID	PGE ID	SGI	P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver	"New" Wrapper Scripts for AMI Status (Y / N / Devel / SSI&T / n/a) ⁷	Comments
Clouds 4.1-4	CER4.1-4.0P1	Y	N	N/A	N	N/A	N	N/A	n/a	
	CER4.1-4.0P2	N	Y	15	N	N/A	N	N/A	n/a	Migration to AMI not in near future
	CER4.1-4.1P4	N	Y	16	N	N/A	N	N/A	n/a	warlock version recompiled for 2008 Edition2, Possibly use P4 for 3/10 forward
	CER4.1-4.1P5	N	Y	16	N	N/A	N	N/A	n/a	warlock version recompiled for 2008 Edition2, Use P4 for 3/10 forward
	CER4.1-4.1P6	N	N	N/A	Devel	16	N	N/A	SSI&T	Beta2-Ed3 (P4), Ed4 (P6), Migration to X86 not in near future
	CER4.1-4.2P2	N	Y	15	N	N/A	N	N/A	n/a	Ed2
	CER4.1-4.2P3	N	Y	15	N	N/A	N	N/A	n/a	Ed2
	CER4.1-4.2P4	N	N	N/A	Devel	16	N	N/A	SSI&T	Beta2-Ed3 on P4, Ed4 to be on P6, Migration to X86 not in near future
	CER4.1-4.2P5	N	N	N/A	Devel	16	N	N/A	SSI&T	Beta2-Ed3 on P4, Ed4 to be on P6, Migration to X86 not in near future
	CER4.1-4.3P2	N	Y	15	N	N/A	N	N/A	n/a	Ed2
	CER4.1-4.3P3	N	N	N/A	Devel	16	N	N/A	SSI&T	Beta2-Ed3 on P4, Ed4 to be on P6, Migration to X86 not in near future
	CER4.5-6.1P2	N	Y	16	N	N/A	N	N/A	n/a	Ed2 Terra Main
Inversion/SOF A 4.5-6	CER4.5-6.1P3	N	Y	15	N	N/A	N	N/A	n/a	Ed2 Aqua Main
	CER4.5-6.1P4	N	N	N/A	Devel	16	N	N/A	Devel	Terra Main Ed4 version of 1P2
	CER4.5-6.1P5	N	N	N/A	Devel	16	N	N/A	Devel	Aqua Main Ed4 version of 1P3
	CER4.5-6.2P2	N	Y	15	N	N/A	N	N/A	n/a	Ed2/Ed3 subsetter
	CER4.5-6.2P3	N	N	N/A	Devel	16	N	N/A	Devel	Subset postproc for Terra and Aqua (Ed4 version of 2P2)
	CER4.5-6.2P4	N	Y	16	N	N/A	N	N/A	n/a	Ed3 daily post-processor
	CER4.5-6.4P1	N	Y	15	N	N/A	N	N/A	n/a	Edition2 to <i>magneto</i>
	CER4.5-6.4P2	N	N	N/A	Devel	16	N	N/A	Devel	Monthly validation site (Ed4 for 4P1)
	CER4.5-6.5P2	N	N	N/A	N	N/A	N	N/A	n/a	IES-SSF Terra New PGE, Ed4 format
	CER4.5-6.5P3	N	N	N/A	N	N/A	N	N/A	n/a	IES-SSF Aqua New PGE, Ed4 format
	CER4.5-6.5P4	N	Y	16	N	N/A	N	N/A	n/a	IES-SSF Terra New PGE, Ed2 format
	CER4.5-6.5P5	N	Y	16	N	N/A	N	N/A	n/a	IES-SSF Aqua New PGE, Ed2 format

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Subsystem ID	PGE ID	SGI	P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver	"New" Wrapper Scripts for AMI Status (Y / N / Devel / SSI&T / n/a) ⁷	Comments
SARB - 5	CER5.0P1	N	Y	15	N	N/A	N	N/A	n/a	Ed2 only
	CER5.0P2	N	Y	15	N	N/A	N	N/A	n/a	Ed2 only for now, Ed3 version requires delta delivery
	CER5.1P1	N	Y	16	N	N/A	N	N/A	n/a	Ed2 only
	CER5.1P2	N	ValRx	16	N	N/A	N	N/A	n/a	Ed2 only
	CER5.1P3	N	N	N/A	Devel	16	Devel	16	N	New PGE - Edition4 Main for Terra and Aqua
	CER5.4P1	N	Y	15	N	N/A	N	N/A	n/a	Ed2 only
	CER5.4P2	N	Y	16	N	N/A	N	N/A	n/a	Ed2 only
TISA Grid - 6	CER6.1P1	N	Y	15	N	N/A	Devel	16	n/a	
	CER6.1P2	N	N	N/A	N	N/A	N	N/A	n/a	New PGE for Edition4
	CER6.2P1	N	Y	15	N	N/A	N	N/A	n/a	Ed2 only
	CER6.2P2	N	N	N/A	Devel	16	Devel	16	n/a	New PGE for Edition4
	CER6.3P1	N	Y	15	N	N/A	N	N	n/a	
	CER6.3P2	N	N	N/A	Devel	16	Devel	16	n/a	New PGE for Edition4
TISA Avg - 7.1	CER7.1.1P1	N	Y	15	N	N/A	N	N/A	n/a	
	CER7.3.1P1	N	Y	16	Devel	16	N	N/A	Devel	New PGE for Edition3
SARB - 7.2	CER7.2.1P1	N	Y	16	N	N/A	SSI&T	16	SSI&T	P4 only Ed2 for now, X86 for Ed2 and Ed3
TISA Avg - 8	CER8.1P1	N	Y	15	Y	16	N	N/A	Y	Migrate to AMI for Ed3
TISA Grid - 9	CER9.0P1	N	Y	15	N	N/A	N	N/A	n/a	Ed2 only
	CER9.0P2	N	N	N/A	SSI&T	16	N	N/A	SSI&T	ISCCP-D2like-MRG Pre-processor
	CER9.0P3	N	N	N/A	SSI&T	16	N	N/A	SSI&T	ISCCP-D2like-MRG Main-processor
	CER9.1P1	N	Y	15	Devel	16	Devel	16	N	
	CER9.2P1	N	Y	15	N	N/A	N	N/A	n/a	Ed2 only
	CER9.2P2	N	Y	16	N	N/A	N	N/A	n/a	New PGE for Edition3
	CER9.3P1	N	Y	15	N	N/A	N	N/A	n/a	Ed2 only
	CER9.3P2	N	Y	16	N	N/A	N	N/A	n/a	New PGE for Edition3
	CER9.4P1	N	Y	15	N	N/A	N	N/A	n/a	Ed2 only
	CER9.4P2	N	Y	16	N	N/A	N	N/A	n/a	New PGE for Edition3
TISA Avg - 10	CER10.0P1	N	Y	16	N	N/A	N	N/A	n/a	
	CER10.0P2	N	Y	16	N	N/A	N	N/A	n/a	
	CER10.0P3	N	Y	16	Devel	16	N	N/A	Devel	New PGE for Edition3

Table 1: PGE Current Events Status Table

		Status of PGEs on Each Platform and TK Version used for Compilation ^{1,2}							Status of Misc. Item(s)	
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GGEO - 11	CER11.1P10	N	Y	16	Devel	16	Devel	16	N	
	CER11.2P2	N	Y	16	Devel	16	Devel	16	N	
	CER11.4P1	N	Y	16	Devel	16	Devel	16	N	
	CER11.6P1	N	Y	16	Devel	16	Devel	16	N	
	CER11.7P1	N	Y	16	Devel	16	Devel	16	N	
Regrid MOA - 12	CER12.1P1	N	Y	16	Y	16	Y	16	Y	
	CER12.1P2	N	N	N/A	Y	16	Y	16	Y	

Table 1 Key:		
¹ Status	Y	Currently able to run in production
	Devel	PGE in development, still to be delivered for the first time to the platform.
	SSI&T	PGE delivered and in SSI&T (CM or SIT) testing prior to operational processing
	ValRx	PGE promoted to production on platform, but still undergoing ValRx testing and approving phase
² Prod. Platform	SGI	warlock
	P4	Magneto - IBM P4
	P6	AMI - IBM P6
	X86	AMI - IBM X86
⁷ "New" Wrapper Scripts for AMI Status	Y	Scripts in production
	n/a	Not needed for this PGE
	N	Development not yet begun
	SSI&T	Delivered and in SSI&T (CM or SIT) testing prior to operational processing
	Devel	Development in progress for inclusion in next delivery

Revisions:		
Date	Affected Section or PGE/Product ID	Revision Made
1/4/2011	CER12.1P1	Changed P4 status from "Y" to "SSI&T"
1/17/2011	CER7.3.1P1, CER10.0P3, CER7.2.1, CER10.0P1, CER10.0P2	Changed P4 status from "SSI&T" to "Y"
1/31/2011	CER7.3.1P1, CER10.0P3	Changed P4 and P6 statuses from "SSI&T" to "Devel"
2/16/2011	CER2.1P1, 2.2P1, 2.3P1, 2.3P1, 2.3P2 CER3.1P1, 3.2P1 CER4.1-4.1P6, 2P4, 2P5, 3P3 CER4.5-6.1P4, 1P5, 2P3, 4P2	Changed "new" Wrapper status from "N" to "Devel"
2/28/2011	CER1.1P8	Changed P6 and New Wrapper Status to "Y"
3/14/2011	CER4.1-4.1P6, 2P4, 2P5, 3P3 CER7.3.1P1, CER10.0P3 CER12.1P1, CER12.1P2	Changed P6 and New Wrapper Status to "SSI&T" Changed P6 and New Wrapper Status to "Devel" Changed P6, X86, and New Wrapper Status to "Devel"
3/28/2011	CER1.1P1,3,5, CER1.2P1, CER1.3P1,2,3 CER12.1P1, CER12.1P2	Changed X86 and New Wrapper Status from "Devel" to "ValRx" Changed P6, X86, and New Wrapper Status from "Devel" to "SSI&T"
4/4/2011	none	
4/26/2011	none	
5/9/2011	CER4.1-4.1P6, 2P4, 2P5, 3P3 CER1.0P2, CER1.1P1,3,5, CER1.1P8 CER7.3.1P1, CER10.0P3	Changed P6 and New Wrapper Status from "SSI&T" to "Devel" Changed P6, X86, and New Wrapper Status to "Devel" Changed P4 status from "Devel" to "SSI&T"
5/23/2011	CER1.1P1,3,5, CER1.1P8	Changed X86, and New Wrapper Status from "Devel" to "SSI&T"
6/6/2011	CER1.2P1, CER1.3P1,2,3 CER4.1-4.1P6, 2P4, 2P5, 3P3	Changed X86, and New Wrapper Status from "ValRx" to "SSI&T" Changed P6 and New Wrapper Status to "SSI&T"
6/20/2011	CER1.0P2 CER4.5-6.3P2,3, CER4.5-6.6P2,3	Changed P6, X86 and New Wrapper Status from "Devel" to "SSI&T" Disabled
7/5/2011	CER8.1P1 CER7.3P1, CER10.0P3	Changed P6 and New Wrapper Status from "SSI&T" to "Y" Changed P4 status from "SSI&T" to "Y"
7/18/2011	CER1.0P2, 1.2P1, 1.4P1, CER12.1P1,2 CER1.1P8 CER1.1P1,3,5,7, 1.3P1,3 CER1.3P2	Changed P6, X86, and New Wrapper Status from "SSI&T" to "Y" Changed P6 and New Wrapper Status from "SSI&T" to "Y" Changed X86 and New Wrapper Status from "SSI&T" to "Y" Changed X86 and New Wrapper Status from "SSI&T" to "Devel"
8/1/2011	CER2.1P1, 2.2P1, 2.3P1, 2.3P1, 2.3P2 CER3.1P1, 3.2P1 CER4.1-4.1P6, 2P4, 2P5, 3P3 CER4.5-6.1P4, 1P5, 2P3, 4P2 CER4.5-6.1P4,5, 2P3, 4P2	Changed P6 and New Wrapper Status from "Devel" to "SSI&T", Changed X86 status from "Devel" to "N" Changed X86 status from "Devel" to "N"

Revisions:		
9/6/2011	CER4.1-4.1P6, 2P4, 2P5, 3P3 CER4.5-6.1P4, 1P5, 2P3, 4P2	Changed P4 status from "Y" to "N"
	CER2.1P1, 2.2P1, 2.3P1, 2.3P1, 2.3P2 CER3.1P1, 3.2P1 CER4.1-4.1P4, 1P5, 2P2, 4P1 CER4.5-6.1P2, 1P3, 2P2, 4P1 CER5.0P1, 1P1, 4P1 CER6.1P1, 2P1, 3P1 CER9.1P1, 2P1, 3P1, 4P1 CER12.1P1	Changed SGI Status from "Y" to "N"
	CER4.5-6.1P2, 5P5	Changed P4 status from "SSI&T" to "Y"
	CER7.2.1P1	Changed X86 and New Wrapper Status from "Y" to "SSI&T"
	CER12.1P2	Changed P4 status from "SSI&T" to "N"
	CER1.1P1,3,5,7	Changed X86 Status from "Y" to "Devel"
	CER1.1P8	Changed P6 and New Wrapper Status from "Y" to "SSI&T"
	CER2.1P1, 2.2P1, 2.3P1, 2.3P1, 2.3P2 CER3.1P1, 3.2P1	Changed X86 Status from "N" to "Devel"
10/3/2011	CER1.1P1,3,5,7	Changed P6 status from "Devel" to "SSI&T"
	CER4.1-4.1P6, 2P4, 2P5, 3P3	Changed P6 status from "SSI&T" to "Devel"