

January 14, 2015 - System Issues and Status

Table 1: PR Status for 01/14/15
(Status as of 01/12/15)

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	PR Status <i>(Unless noted, Statuses apply to all PRs in row)</i>
*** Baseline1-QC PRs – Standing						
NPP 780-14 NPP 1046-14 NPP 1059-14 NPP 1062-14 NPP 1065-14 SCCRs 911, 1041, 863, 756, 867	NPP	Baseline1-QC	BDS, IES, ES8	1.0P2 1.1P8 1.2P1 1.4P1 2.2P1	Standing Request 11/1/2014 – 12/31/2018	Active Priority 2
AM 1028-14 AM 1057-14 AM 1060-14 AM 1063-14 SCCRs 1041, 863, 756, 867	Terra	Baseline1-QC	BDS, IES, ES8	1.1P8 1.2P1 1.4P1 2.2P1	Standing Request 11/1/2014 – 12/31/2018	Active Priority 2
PM 1054-14 PM 1055-14 PM 1058-14 PM 1061-14 PM 1064-14 SCCRs 1041, 863, 756, 867	Aqua (FM3, FM4)	Baseline1-QC	BDS, IES, ES8	1.1P8 1.2P1 1.4P1 2.2P1	Standing Request 11/1/2014 – 12/31/2018	Active Priority 2
*** Edition1-CV PRs – Standing						
NPP 781-14 NPP 1069-14 NPP 1073-14 NPP 1077-14 NPP 1083-14 SCCRs 911, 1041, 863, 756	NPP	Edition1-CV	BDS, IES	1.0P2 1.1P8 1.2P1 1.4P1 1.4P2	Standing Request 6/30/2014 – 12/31/2018	Active Priority 2

**Table 1: PR Status for 01/14/15
(Status as of 01/12/15)**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	PR Status (Unless noted, Statuses apply to all PRs in row)
NPP 1087-14 NPP 1091-14 NPP 1095-14 NPP 1099-14 SCCR 867	NPP	Edition1-CV	ERBE-like	2.2P1 2.3P1 2.3P2 3.1P1	Standing Request 6/30/2014 – 12/31/2018	Active Priority 2
AM 1066-14 AM 1070-14 AM 10748-14 AM 1080-14 SCCRs 1041, 863, 756, 770	Terra	Edition1-CV	BDS	1.1P8 1.2P1 1.4P1 1.4P2	Standing request 9/30/2014 – 12/31/2018	Active Priority 2
AM 1084-14 AM 1088-14 AM 1092-14 AM 1080-14 SCCR 867	Terra	Edition1-CV	ERBElike	2.2P1 2.3P1 2.3P2 3.1P1	Standing request 9/30/2014 – 12/31/2018	Active Priority 2
PM 1067-14 PM 1071-14 PM 1075-14 PM 1081-14 SCCRs 1041, 863, 756, 770	Aqua FM3	Edition1-CV	BDS	1.1P8 1.2P1 1.4P1 1.4P2	Standing request 9/30/2014 – 12/31/2018	Active Priority 2
PM 1085-14 PM 1089-14 PM 1093-14 PM 1097-14 SCCR 867	Aqua FM3	Edition1-CV	ERBElike	2.2P1 2.3P1 2.3P2 3.1P1	Standing request 9/30/2014 – 12/31/2018	Active Priority 2
PM 1072-14 PM 1068-14 PM 1076-14 PM 1082-14 SCCRs 1041, 863, 756, 770	Aqua FM4	Ed1-CV- NoSW	BDS	1.1P8 1.2P1 1.4P1 1.4P2	Standing request 9/30/2014 – 12/31/2018	Active Priority 2

**Table 1: PR Status for 01/14/15
(Status as of 01/12/15)**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	PR Status (Unless noted, Statuses apply to all PRs in row)
PM 1086-14 PM 1090-14 PM 1094-14 PM 1098-14 SCCR 867	Aqua FM4	Ed1-CV- NoSW	ERBEl like	2.2P1 2.3P1 2.3P2 3.1P1	Standing request 9/30/2014 – 12/31/2018	Active Priority 2
AM 795-14, AM 1148-14 AM 137-13 to AM 139-13 PM 796-14 PM 1149-14, PM 141-13 to PM 143-13 SCCR 693	Terra Aqua	Edition1- CV	SSFi Clouds	4.1-4.1P4/5 4.1-4.2P2/3 4.1-4.3P2	Standing Request PRs 1148, 1149: 10/01/14-12/31/18 Other PRs: 12/31/12 -12/31/14	Active 1148, 1149 – Review Complete
AM 144-13 to AM 146-13 PM 147-13 to PM 152-13 SCCR 913	FM1, FM2, FM3, FM4	Edition1-CV	SSF	4.5-6.1P2/3 4.5-6.2P2 4.5-6.4P1	Standing Request 12/31/12 – 12/31/14	Active
*** Snow and Ice Products PRs – Standing						
M 841-14 SCCR 918		NSIDC- CLASS	EICE ESNOW	4.1-4.0P2	Standing Request 5/1/14 – 12/31/15	Active
M 847-14 - SCCR 943		NSIDC- AFWA- Mesh16th	ESNOW EICE	4.1-4.0P3	Standing Request 5/1/14 – 12/31/15	Active
M 2-12 SCCR 867		NSIDC	SNOW	2.1P1	Standing Request 7/2012 – 12/2014	Active
M 794-14 SCCR 867		NSIDC	SNOW	2.1P1	Standing Request 1/2015 – 12/2019	Ready Final
*** MOA/PMOA Products PRs – Standing						
M 3-11 SCCR 920	CERES	DAO-G5- CERES	MOA	12.1P1	Standing request 5/31/11-1/1/15	Active
M 1146-14 SCCR 920	CERES	DAO-G5- CERES	MOA	12.1P1	Standing request 1/2/15 – 1.1.17	Pending SIT Review

**Table 1: PR Status for 01/14/15
(Status as of 01/12/15)**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	PR Status (Unless noted, Statuses apply to all PRs in row)
M 2-12-SCCR 914	CERES	DAO-G5-CERES	PMOA	9.1P1	Standing request 7/1/12 – 12/31/14	Active
M 1147-14-SCCR 914	CERES	DAO-G5-CERES	PMOA	9.1P1	Standing request 1/1/15 – 12/31/16	Pending SIT Review
M 205-13	CERES	GMAO-G541-Ed4	MOA	12.1P2	Standing request 3/2/13 thru 4/1/15	Active
M 1101-14-SCCR 1018	CERES	GMAO-G541-Ed4	PMOA	9.1P2	Standing Request 8/1/2014 – 12/31/2016	Pending SIT Review
The PRs that follow are the Non-Standing PRs that can be processed						
*** Edition 3 Instrument & ERBELike PRs						
942-14-SCCR 867	FM4	Ed3-NoSW	ES8	2.2P1	5/1/14 – 6/30/14	Active Priority 2
1104-14-SCCR 1040	FM4	Ed3-NoSW	BDS, IES	1.4P3	7/1/14 – 8/31/14	Review Complete Priority 2
*** Edition 4 Instrument & ERBELike PRs						
904-14 905-14 SCCR 983	FM1, FM2	Edition4	SCCD SCCN	2.4P1	1/15/10 – 12/15/10	Active Priority 2
906-14 SCCR 983	FM3	Edition4	SCCD SCCN	2.4P1	1/15/10 – 12/15/10	Active Priority 2

**Table 1: PR Status for 01/14/15
(Status as of 01/12/15)**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	PR Status (Unless noted, Statuses apply to all PRs in row)
907-14 SCCR 983	FM4	Ed4-NoSW	SCCD SCCN	2.4P1	1/15/10 – 12/15/10	Active Priority 2
1014-14 1017-14 SCCRs 1040, 863	FM4	Ed4-NoSW	BDS IES	1.4P3 1.2P1	2/1/11 – 12/31/13	Active Priority 2
1021-14 1023-14 SCCR 867	FM1	Edition4	ES8	2.3P1 2.3P2	2/1/11 – 12/31/13	Active Priority 2
*** Edition 1 NPP Instrument and ERBE-like PRs						
*** Edition 3 SSF & SSF1deg-Hour (SSF, SFC & SAH)						
1029-14 1030-14 1031-14 SCCRs 984, 939	FM2	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	1/1/07 – 2/28/07	Review Complete Priority 3
1032-14 1033-14 1034-14 SCCRs 984, 939	FM2	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	6/1/07 – 7/31/07	Review Complete Priority 3
1035-14 1036-14 1037-14 SCCRs 984, 939	FM2	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	6/08	Review Complete Priority 3

**Table 1: PR Status for 01/14/15
(Status as of 01/12/15)**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	PR Status (Unless noted, Statuses apply to all PRs in row)
1038-14 1039-14 1040-14 SCCRs 984, 939	FM2	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	12/08	Review Complete Priority 3
1041-14 1042-14 1043-14 SCCRs 984, 939	FM2	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	7/09	Review Complete Priority 3
1044-14 1045-14 1046-14 SCCRs 984, 939	FM2	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	12/09	Review Complete Priority 3
1047-14 1048-14 1049-14 SCCRs 984, 939	FM2	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	6/11	Review Complete Priority 3
1050-14 1051-14 1052-14 SCCR 984, 939	FM2	Edition3A	SSF	4.5-6.5P4 4.5-6.2P4 4.5-6.4P1	11/1/12 – 12/31/12	Review Complete Priority 3
*** Edition 3 TSI --> SYNI --> SYN1deg						
*** Edition 3 SSF1deg						
**** Beta2-Ed4 SSFi --> SSF, Edition4 SSF						
638-14 thru 641-14 SCCR 947	FM1, FM2	Beta2-Ed4	SSFi	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	6/2005 – 12/2009	Active Priority 2

**Table 1: PR Status for 01/14/15
(Status as of 01/12/15)**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	PR Status (Unless noted, Statuses apply to all PRs in row)
618-14 thru 620-14 SCCR 814	FM1, FM2	Beta2-Ed2	SSF	4.5-6.1P4 4.5-6.2P3 4.5-6.4P2	6/2005 – 12/2009	Active Priority 2
617-14 628-14 thru 630-14 SCCR 947	FM3, FM4	Beta2-Ed4	SSFi	4.1-4.1P6 4.1-4.2P4 4.1-4.2P5 4.1-4.3P3	4/2005 – 12/2009	Active Priority 2
621-14 623-14 625-14 SCCR 814	FM3	Beta2-Ed4	SSF	4.5-6.1P5 4.5-6.2P3 4.5-6.4P2	4/2005 – 12/2009	Active Priority 2
626-14 thru 628-14 SCCR 814	FM4	Beta2-Ed4- NoSW	SSF	4.5-6.1P5 4.5-6.2P3 4.5-6.4P2	4/2005 – 12/2009	Active Priority 2
761-14 SCCR 1001	Terra	Edition4A	sibi	4.5-6.0P6	6/2005 – 12/2009	Active Priority 2
762-14 SCCR 1001	Aqua	Edition4A	sibi	4.5-6.0P6	4/2005 – 12/2009	Active Priority 2
989-14 992-14 993-14 SCCRs 973, 814	FM1 FM2	Edition4A	SSF	4.5-6.1P6 4.5-6.4P2 4.5-6.2P3	2/29/2000 – 6/1/2005	Active Priority 2
994-14 995-14 996-14 SCCRs 973, 814	FM3 FM4	Edition4A	SSF	4.5-6.1P6 4.5-6.4P2 4.5-6.2P3	6/30/2002 – 3/30/2005	Ready Final 949-Active Priority 2
*** Edition 4A PMOA, TSI --> SYNI --> SYN1deg						
1100-14 SCCR 1018	CERES	GMAO- G541-Ed4	PMOA	9.1P2	3/1/2000 – 7/31/2014	Pending SIT Review
*** Edition 1 NPP Clouds and Inversion PRs						

**Table 1: PR Status for 01/14/15
(Status as of 01/12/15)**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	PR Status (Unless noted, Statuses apply to all PRs in row)
990-14 991-14 924-14 to 929-14 SCCR 960	FM5	Edition1A	SSFi	4.1-4.1P7 4.1-4.2P7 4.1-4.2P6 4.1-4.3P4	1/19/12 – 12/31/12 1/1/13 – 3/31/14	Active Priority 2
920-14 to 923-14 SCCRs 1001, 974, 814	FM5	Edition1A	SSF	4.5-6.0P6 4.5-6.1P7 4.5-6.2P3 4.5-6.4P2	1/19/12 – 3/31/14	920, 921 - Active 922, 923 –Ready Final Priority 2
*** ISCCP-D2like Stream (all the ISCCP-D2like products)						
**** ValRx PRs for newly delivered PGEs						
1002-14	FM1, FM2	ValR1028	SAH	5.0P3	7/2004	ValRx Review Priority 1
1003-14	FM3, FM4	ValR1028	SAH	5.0P3	7/2004	ValRx Review Priority 1
1004-14 SCCR 1041	FM1 FM2	ValR1041-P6	IES, BDS	1.1P8	6/30/14 – 7/1/14	ValRx Review Priority 1
1005-14 SCCR 1041	FM3	ValR1041-P6	IES, BDS	1.1P8	6/30/14 – 7/1/14	ValRx Review Priority 1
1006-14 SCCR 1041	FM4	ValR1041-P6	IES, BDS	1.1P8	6/30/14 – 7/1/14	ValRx Review Priority 1
1007-14 SCCR 1041	FM5	ValR1041-P6	IES, BDS	1.1P8	6/30/14 – 7/1/14	ValRx Review Priority 1
1008-14 SCCR 1041	FM1 FM2	ValR1041-X86	IES, BDS	1.1P8	6/30/14 – 7/1/14	ValRx Review Priority 1
1009-14 SCCR 1041	FM3	ValR1041-X86	IES, BDS	1.1P8	6/30/14 – 7/1/14	ValRx Review Priority 1
1010-14 SCCR 1041	FM4	ValR1041-X86	IES, BDS	1.1P8	6/30/14 – 7/1/14	ValRx Review Priority 1
1011-14 SCCR 1041	FM5	ValR1041-X86	IES, BDS	1.1P8	6/30/14 – 7/1/14	ValRx Review Priority 1

**Table 1: PR Status for 01/14/15
(Status as of 01/12/15)**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	PR Status (Unless noted, Statuses apply to all PRs in row)
876-14 877-14 878-14 879-14 SCCR 1018	CERES	ValR-1018 GMAO-G541-Ed4	PMOA	9.1P2	10/2002 07/2004 01/2010 04/2013	Ready-Final Should be Complete Priority 2
880-14 881-14 882-14 SCCR 1010	Terra	ValR1-P6	SSF1deg	9.2P3 9.3P3 9.4P3	10/2002	Pending Review Priority 2
883-14 884-14 885-14 SCCR 1010	Aqua	ValR1-P6	SSF1deg	9.2P3 9.3P3 9.4P3	10/2002	Pending Review Priority 2
886-14 887-14 888-14 SCCR 1010	NPP	ValR1-P6	SSF1deg	9.2P3 9.3P3 9.4P3	04/2013	Pending Review Priority 2
889-14 890-14 891-14 SCCR 1010	Terra	ValR1-X86	SSF1deg	9.2P3 9.3P3 9.4P3	10/2002	Pending Review 889 – Review Complete Priority 2
892-14 893-14 894-14 SCCR 1010	Aqua	ValR1-X86	SSF1deg	9.2P3 9.3P3 9.4P3	10/2002	Pending Review Priority 2
895-14 896-14 897-14 SCCR 1010	NPP	ValR1-X86	SSF1deg	9.2P3 9.3P3 9.4P3	04/2013	Pending Review Priority 2
1150-15 1152-15 1154-15 1156-15 SCCR 919	Terra	ValRx-P6	SSFi	4.1-4.1P4 4.1-4.2P2 4.1-4.2P3 4.1-4.3P2	4/13	Pending SIT Review Priority Level 3

**Table 1: PR Status for 01/14/15
(Status as of 01/12/15)**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	PR Status (Unless noted, Statuses apply to all PRs in row)
1151-15 1153-15 1155-15 1157-15 SCCR 919	Aqua	ValRx-P6	SSFi	4.1-4.1P4 4.1-4.2P2 4.1-4.2P3 4.1-4.3P2	4/13	Pending SIT Review Priority Level 3
290-13 thru 292-13 SCCR 912	Terra	ValR1-P6	SSF	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	4/13	Review Complete On Hold Priority Level 3
293-13 thru 295-13 SCCR 912	Aqua	ValR1-P6	SSF	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	4/13	Review Complete Priority Level 3
96-13 297-13 298-13 SCCR 912	Terra	ValR1-X86	SSF	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	4/13	Review Complete On Hold Priority Level 3
299-13 thru 301-13 SCCR 912	Aqua	ValR1-X86	SSF	4.5-6.1P3 4.5-6.2P2 4.5-6.4P1	4/13	Review Complete On Hold Priority Level 3
**** The PRs are for PGEs that have not completed pre-op testing and been promoted to the production environment						
**** The PRs that follow are for PGEs that are pending delivery or other future event.						
**** The PRs that follow have completed processing						
546-14 549-14 551-14 SCCR 867	FM1 FM2	Edition3	ES8	2.2P1 2.3P1 2.3P2	7/1/2013 – 10/31/2013	Pending Op Review
710-14 711-14 SCCR 979	FM5	ValR979-Ed1	BDS, IES	1.4P3	12/2012, 12/2013	PR in Review Complete Should be Complete
310-13 SCCR 917	Aqua	Edition3A	SAH	5.0P2	7/10 – 12/11	PR Active Needs to be closed

**Table 1: PR Status for 01/14/15
(Status as of 01/12/15)**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	PR Status (Unless noted, Statuses apply to all PRs in row)
712-14 713-14 SCCR 1001	Terra	ValR1001-P6 ValR1001-X86	sibi	4.5-6.0P6	1/2004 – 12/2004	PR Review Complete Should be Complete
714-14 715-14 SCCR 1001	Aqua	ValR1001-P6 ValR1001-X86	sibi	4.5-6.0P6	1/2004 – 12/2004	PR Ready Final Should be Complete
744-14 SCCR 1016	Terra	ValR1016	SSF1deg-month	10.0P4	12/2013	PR Review Complete Should be Complete
745-14 SCCR 1016	Aqua	ValR1016	SSF1deg-month	10.0P4	12/2013	PR Review Complete Should be Complete
746-14 747-14 SCCR 1016	Terra+ Aqua	ValR1016	TSI	10.0P3 7.3.1P1	12/2013	PRs Ready Final Review Complete Should be Complete
748-14 SCCR 939	Terra+ Aqua	ValR1016	SYNI	7.2.1P1	12/2013	PR Ready Final Should be Complete
750-14 SCCR 801	Terra+ Aqua	ValR1016	SYN1deg	8.1P1	12/2013	PR Review Complete Should be Complete
NPP 757-14 SCCR 863	NPP	Edition1-CV	BDS, IES	1.2P1	Standing Request 5/31/2014 – 12/31/2018	PR Active
AM 754-14 SCCR 863	Terra	Edition1-CV	BDS	1.2P1	Standing request 5/31/2014 – 12/31/2018	Review Complete Should be Closed
PM 755-14 SCCR 863	Aqua FM3	Edition1-CV	BDS	1.2P1	Standing request 5/31/2014 – 12/31/2018	Review Complete Should be Closed
PM 756-14 SCCR 863	Aqua FM4	Ed1-CV- NoSW	BDS	1.2P1	Standing request 5/31/2014 – 12/31/2018	Review Complete Should be Closed

**Table 1: PR Status for 01/14/15
(Status as of 01/12/15)**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	PR Status (Unless noted, Statuses apply to all PRs in row)
985-14 SCCR 984	FM1	ValR1040-Ed3	SSF	4.5-6.5P4	01/31/2012	PR Review Complete –should be complete
986-14 SCCR 984	FM2	ValR1040-Ed3	SSF	4.5-6.5P5	01/31/2012	PR Review Complete –should be complete
987-14 SCCR 947	Terra	ValR1040-Ed4	SSFi	4.1-4.1P6	7/1/2007	Pending SS Review should be complete
988-14 SCCR 947	Aqua	ValR1040-Ed4	SSFi	4.1-4.1P6	7/1/2007	Pending SS Review should be complete
736-14 737-14 738-14 SCCRs 973, 814	FM1 FM2	Edition4A	SSF	4.5-6.1P6 4.5-6.4P2 4.5-6.2P3	2/29/2000 – 6/1/2005	Cancelled
739-14 740-14 741-14 SCCRs 973, 814	FM3 FM4	Edition4A	SSF	4.5-6.1P6 4.5-6.4P2 4.5-6.2P3	6/30/2002 – 3/30/2005	Cancelled
852-14 853-14 854-14 855-14 SCCRs 1001, 974, 814	FM5	ValR-NPP-P6	SSF	4.5-6.0P6 4.5-6.1P7 4.5-6.2P3 4.5-6.4P2	1/1/13 – 1/31/13	PRs Review Complete Should be Complete

**Table 1: PR Status for 01/14/15
(Status as of 01/12/15)**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	PR Status (Unless noted, Statuses apply to all PRs in row)
858-14 859-14 860-14 861-14 SCCRs 1001, 974, 814	FM5	ValR-NPP-P6	SSF	4.5-6.0P6 4.5-6.1P7 4.5-6.2P3 4.5-6.4P2	4/1/13 – 4/30/13	PRs Review Complete Should be Complete
868-14 869-14 870-14 871-14 SCCRs 1001, 974, 814	FM5	ValR-NPP-P6	SSF	4.5-6.0P6 4.5-6.1P7 4.5-6.2P3 4.5-6.4P2	7/1/13 – 7/31/13	PRs Review Complete Should be Complete
856-14 857-14 SCCRs 1001, 974	FM5	ValR-NPP-X86	SSF	4.5-6.0P6 4.5-6.1P7	1/1/13 – 1/31/13	PRs Review Complete Should be Complete
862-14 863-14 SCCRs 1001, 974	FM5	ValR-NPP-X86	SSF	4.5-6.0P6 4.5-6.1P7	4/1/13 – 4/30/13	PRs Review Complete Should be Complete
872-14 873-14 SCCRs 1001, 974	FM5	ValR-NPP-X86	SSF	4.5-6.0P6 4.5-6.1P7	7/1/13 – 7/31/13	PRs Review Complete Should be Complete

Table 2. January 14, 2015 - System Issues and Status

Activity	Lead	Status
SEC	Miller	<ul style="list-style-type: none"> • No updates. (Miller - Walter.F.Miller@nasa.gov)
CM/Documentation	Ayers (Saunders)	<ul style="list-style-type: none"> • See Table 3 for SCCR activity since the last DMT meeting. SCCRs that need to be reviewed follow Table 3. (Ayers - Tammy.O.Ayers@nasa.gov) • SCCR 919 – Retested the five PGEs associated with this SCCR on <i>AMI-P-P6</i> and released it to the ASDC on December 8. Provided a file documenting the known evaluation failures. (Ayers) • SCCR 1042 – Re-released the PR Tool Web interface on December 11 after testing the updated code. (Ayers) • SCCR 1047 – Installed and compiled the four PGEs associated with this delivery. Testing is underway. (Keyes - Dennis.F.Keyes) • SCCR 1047 – Formatted the updated Clouds Operator’s Manual, posted it on the Web, and notified the ASDC of its availability. Also formatted the updated Clouds Test Plan and provided it to CM for use during testing. (Saunders - Joanne.H.Saunders@nasa.gov) • Archived the frozen source code and ancillary data files for the GEO-TISA version of the cloud code in the CM repository on <i>AMI</i>. (Ayers) • Formatted the updated Clouds and Instrument Requirements Logs and posted them on the Web. (Saunders)
<i>AMI</i> Job Submission Scripts (AJSS)	Ayers (Hillyer)	<ul style="list-style-type: none"> • Providing scripting support as requested. (Grepitotis - Arthur.T.Grepitotis@nasa.gov)

Table 3. SCCR Activity December 8 at 11:30 a.m. – January 13 at 5:00 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
1042			X	X		PR_Database		
1047	X		X			Clouds	16	
1048	X					GGEO	18	
1049	X					GGEO	19	
1050	X					TISA Gridding	20	
1051	X					Instrument	22	
1052	X					Instrument	23	
1053	X					TISA Averaging	24	CERESlib modifications.

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

CERES Software Configuration Change Request Submittal

=====

Subsystem: Clouds4.1

SCCR Date & TIME: 2014-12-18 09:40:06

SCCR No.: 1047

Parameter Change: (X) YES () NO

Description of Change (Science):

- 1.) When searching for additional scan lines in previous hour and next hour to have the complete coverage of CERES footprints, a consideration was included that some VIIRS “5-min” granules were 6 minutes and some were 4 minutes. (Req 4-23.0)
- 2.) Reduced the jump interval in the initial search for a starting imager pixel for filling a CERES footprint. (Req 4-23.2)
- 3.) Include both land and ocean imager pixel when determining VIIRS aerosol coverage for a CERES footprint, (Req 4-23.3)
- 4.) Correct error that prevented land and ocean aerosol coverage being calculated. (Req 4-23.4)

Reason for Change (Science):

- 1.) Imager scan lines were missing at the start of some hours preventing CERES footprints from being included on the SSF.
- 2.) The initial value used in skipping pixels was too large for the sampling being done. This resulted in consistently dropping CERES footprints at some view zenith angles (approximately 10 percent).
- 3.) VIIRS aerosol are not segregated by ocean and land like MODIS. Aerosol over land was not being included on the SSF.
- 4.) The land and ocean aerosol coverage was not being calculated for the footprint.

Description of Change (non-Science):

- 1.) Update the scripts and documentations so that the production processing would be always done monthly. In case monthly run is not possible, for example a data gap, a special instruction will be given by Clouds group. (Req 4-23.1)

Reason for Change (non-Science):

- 1.) Provide better usage of the clouds scripts.

Parameter(s) and Product(s) Being Changed (Use Name(s) from Data Products Catalog) and

Description of Parameter Change:

- SSF-138b MOD04-based quality flag note optical depth land (0.659)
- SSF-145c PSF-wtd MOD04 deep blue optical depth land (0.412)
- SSF-145e PSF-wtd MOD04 deep blue optical depth land (0.550)
- SSF-145g PSF-wtd MOD04 deep blue angstrom exponent land
- SSF-150 PSF-wtd MOD04 effective optical depth average ocean (0.470)
- SSF-151 PSF-wtd MOD04 effective optical depth average ocean (0.550)
- SSF-152 PSF-wtd MOD04 effective optical depth average ocean (0.659)
- SSF-153 PSF-wtd MOD04 effective optical depth average ocean (0.865)
- SSF-154 PSF-wtd MOD04 effective optical depth average ocean (1.240)
- SSF-155 PSF-wtd MOD04 effective optical depth average ocean (1.600)

SSF-156 PSF-wtd MOD04 effective optical depth average ocean (2.130)
SSF-156a MOD-04 based quality flag note optical depth average ocean

Reason for Parameter Change:

SSF 138b The VIIRS quality flag was not imported and a value of one was used to allow land coverage to be calculated. This will result in a supplemental digit for the ones place only.

SSF-145c contains VIIRS aerosol optical depth over both land and ocean at 0.412

SSF-145e contains VIIRS aerosol optical depth over both land and ocean at 1.378

SSF-145g contains VIIRS angstrom exponent over both land and ocean.

SSF 150-156 contains VIIRS aerosol optical depth over both land and ocean at the VIIRS wavelength close to the specified value.

SSF 156a The VIIRS quality flag was not imported and a value of one was used to allow ocean coverage to be calculated. This will result in a supplemental digit for the ones place only.

Affected PGEs in this Subsystem:

PGEs CER4.1-4.1P7, CER4.1-4.2P6, CER4.1-4.2P7, & CER4.1-4.3P4

Estimated Time to Complete Change: two weeks

Planned Delivery Date: Jan 9, 2015

List Affected Subsystems and PGE Names: Inversion 4.5-6.1P7, and 4.5-6.2P3; SARB 5.0P3 and 7.2.1P2; and TISA 9.2P2 and 9.0P2

Originator: MILLER, WALTER F. (SSAI)

CERES Software Configuration Change Request Submittal

=====

Subsystem: GGEO SCCR Date & TIME: 2014-12-18 10:56:54 SCCR No.: 1048

Parameter Change: () YES (X) NO

Description of Change (Science):

Requirement # 11-36

The software package is the source code used by the clouds group to provide TISA-CERES with the edition4 hourly geostationary pixel level cloud products. This software package is created on Dec 11, 2014 by the cloud group to store code in SCF Production Code Repository on AMI.

Reason for Change (Science):

Requirement # 11-36

TISA science team has requested.

Description of Change (non-Science):

N/A

Reason for Change (non-Science):

N/A

Parameter(s) and Product(s) Being Changed (Use Name(s) from Data Products Catalog) and

Description of Parameter Change:

N/A

Reason for Parameter Change:

N/A

Affected PGEs in this Subsystem:

N/A

Estimated Time to Complete Change: Completed

Planned Delivery Date: December 18, 2014

List Affected Subsystems and PGE Names: N/A

Originator: RAJU, RAJA (SSAI)

CERES Software Configuration Change Request Submittal

=====

Subsystem: GGEO SCCR Date & TIME: 2014-12-18 11:38:25 SCCR No.: 1049

Parameter Change: (X) YES () NO

Description of Change (Science):

Requirement # : 11.7-2.1

New PGE CER11.7P2 to support Edition4 version of ISCCP process to provide GEO inputs to PGE CER9.0P7. Major changes to the code include using 5-channel 1-Hour GEO pixel data and GGEO composite 1-Hour gridded data as inputs, implementing different algorithms to handle GEO pixel data and the gridded data and creating intermediate zonal files for PGE CER9.0P7 process.

Reason for Change (Science):

Requirement # : 11.7-2.1

TISA science team has decided to use pixel level 1-hour data for Edition4 product improvements.

Description of Change (non-Science):

Requirement # : 11.7-2.2

Develop new PCF scripts to stage all image files (744*2 / satellite * 4 satellites) as inputs.

Reason for Change (non-Science):

Requirement #: 11.7-2.2

One PGE to handle all 5 GEO satellites' data to create zonal outputs.

Parameter(s) and Product(s) Being Changed (Use Name(s) from Data Products Catalog) and

Description of Parameter Change:

Surface Skin Temperature

Cloud amount - Liquid

Cloud amount - Ice

Cloud Effective Height

Cloud top Pressure, Cloud top Temperature, Cloud top Height

Reason for Parameter Change:

These parameters are available on Edition 4 GEO inputs.

Affected PGEs in this Subsystem: CER11.7P2

Estimated Time to Complete Change: 8 weeks

Planned Delivery Date: February 27, 2015

List Affected Subsystems and PGE Names: TISA Gridding PGE CER9.0P7

Originator: RAJU, RAJA (SSAI)

CERES Software Configuration Change Request Submittal

=====

Subsystem: TISAGrid9.0 SCCR Date & TIME: 2014-12-18 12:16:21 SCCR No.: 1050

Parameter Change: (X) YES () NO

Description of Change (Science):

Requirement # 9.0-6.1

New PGE CER9.0P6 to support Edition4 version of ISCCP process and to provide MODIS inputs to PGE CER9.0P7. New parameters and algorithms are added in the code. The intermediate output file names are changed from ISCCP-D2likeB (Edition3) to CldTypHistB (Edition4). PGE CER9.0P6 run script will also support another executable that process and provide MOA data for PGE CER9.0P7.

Requirement # 9.0-7.1

New PGE CER9.0P7 to support Edition4 process and create CldTypHist public product.

Reason for Change (Science):

Requirement # 9.0-6.1

TISA science team has decided to use new parameters that are available on Edition4 SSF inputs and MOA data for Edition4 product improvements.

Requirement # 9.0-7.1

TISA science team has decided to have new ISCCP version of product.

Description of Change (non-Science):

Requirement # 9.0-6.2

Develop new PCF scripts to include MOA files.

Requirement # 9.0-7.2

Develop new PCF scripts. to include GEO/ MODIS / MOA input files and HDF output files.

Reason for Change (non-Science):

Requirement # 9.0-6.2

To stage all required input files in the PCF.

Requirement # 9.0-7.2

To stage all required GEO / MODIS/ MOA inputs created by 9.0P6, 11.7P2 in the PCF.

Parameter(s) and Product(s) Being Changed (Use Name(s) from Data Products Catalog) and Description of Parameter Change:

Ocean_coverage

Snow_ice_coverage

sfc_skin_temp

sfc_press

pw

sfc_wind_speed
estim_inversion_strength
Cloud amount - Liquid
Cloud amount - Ice
Cloud effective Height
Cloud top Pressure, Cloud top Temperature, Cloud top Height

Reason for Parameter Change:
These parameters are available on Edition4 input versions.

Affected PGEs in this Subsystem: CER9.0P6, CER9.0P7

Estimated Time to Complete Change: 8 weeks
Planned Delivery Date: February 27, 2014
List Affected Subsystems and PGE Names: TISA gridding PGEs CER9.0P6, CER9.0P7

Originator: RAJU, RAJA (SSAI)

CERES Software Configuration Change Request Submittal

=====

Subsystem: Instrument SCCR Date & TIME: 2015-01-08 11:00:35 SCCR No.: 1051

Parameter Change: () YES (X) NO

Description of Change (Science):

N/A

Reason for Change (Science):

N/A

Description of Change (non-Science):

Reqt. # 1-73: Update the PCF scripts for CER1.1P8 to only accept input data for NPP-FM5 from PGE CER1.0P2.

Reason for Change (non-Science):

Reqt. # 1-73: Jonathan has asked that PGEs CER1.0P2 and CER1.0P3 be run in parallel until CER1.0P3 is fully tested. Since the existing scripts for CER1.1P8 are designed to prefer the input files created by CER1.0P3, the scripts need to be updated to force them to only use input from CER1.0P2 during the overlap.

Parameter(s) and Product(s) Being Changed (Use Name(s) from Data Products Catalog) and

Description of Parameter Change:

N/A

Reason for Parameter Change:

N/A

Affected PGEs in this Subsystem:

CER1.1P8

Estimated Time to Complete Change: 2 wks

Planned Delivery Date: 1/30/2015

List Affected Subsystems and PGE Names: CER1.1P8

Originator: COOPER, DENISE L. (SSAI)

CERES Software Configuration Change Request Submittal

=====

Subsystem: Instrument SCCR Date & TIME: 2015-01-08 11:03:51 SCCR No.: 1052

Parameter Change: () YES (X) NO

Description of Change (Science):
N/A

Reason for Change (Science):
N/A

Description of Change (non-Science):
Req. # 1-74: Update PCF scripts for CER1.1P8 to prefer input data from CER1.0P3.

Reason for Change (non-Science):
Req. # 1-74: The PCF scripts for CER1.1P8 were updated to only accept input from PGE CER1.0P2, they are being updated to prefer input from CER1.0P3, but will still be able to read input from CER1.0P2 should there be a need and data is not available from CER1.0P3.

Parameter(s) and Product(s) Being Changed (Use Name(s) from Data Products Catalog) and Description of Parameter Change:
N/A

Reason for Parameter Change:
N/A

Affected PGEs in this Subsystem: CER1.1P8

Estimated Time to Complete Change: 2 wks
Planned Delivery Date: 2/20/15
List Affected Subsystems and PGE Names: Instrument CER1.1P8

Originator: COOPER, DENISE L. (SSAI)

CERES Software Configuration Change Request Submittal

=====

Subsystem: TISAavg7.1 SCCR Date & TIME: 2015-01-13 14:23:09 SCCR No.: 1053

*** All changes described in this SCCR were made in CERESlib. ***

Parameter Change: (X) YES () NO

Description of Change (Science):

Requirement # 7.1-24 - Update TSI structure for Edition4 code.

Remove un-used parameters and add skin temperature flag and MOA skin temperature.

Reason for Change (Science):

Requirement # 7.1-24 - Requested by the science team.

Description of Change (non-Science):

N/A

Reason for Change (non-Science):

N/A

Parameter(s) and Product(s) Being Changed (Use Name(s) from Data Products Catalog) and

Description of Parameter Change:

Remove the standard deviations of TOA fluxes and cloud parameters. Add skin temperature flag and MOA skin temperature

Reason for Parameter Change:

Required inputs for SYNI

Affected PGEs in this Subsystem:

CER7.3.1P4

Estimated Time to Complete Change: 1 hour

Planned Delivery Date: January 13, 2015

List Affected Subsystems and PGE Names: CER7.2.1P2, CER8.1P2

Originator: NGUYEN, CATHY (SSAI)

Table 4. January 14, 2015 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
Toolkit Issues	Hillyer (Wilkins)	<ul style="list-style-type: none"> Nothing to report. (Hillyer - Thomas.N.Hillyer@nasa.gov) 	
CERES-lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> Nothing to report. (Hillyer) 	
Perl_Lib	Hillyer (Wilkins)	<ul style="list-style-type: none"> Nothing to report. (Hillyer) 	
CERES Proc. System	Hillyer (Wilkins)	<ul style="list-style-type: none"> Provided support for CATALYST to the ASDC. (Hillyer, Wilkins - Joshua.C.Wilkins@nasa.gov) Implementing server-side components for CATALYST v2. (Hillyer, Linsinbigler - Michael.A.Linsinbigler@nasa.gov) Implementing code for CATALYST Operators Console v2. (Wilkins) Performing preliminary CM testing on CATALYST server and Operator's Console. Planning on every Friday until final delivery in March. (Hillyer, Wilkins, Linsinbigler, Ayers - Tammy.O.Ayers@nasa.gov) 	
1.0	Cooper (Grepitotis)	<ul style="list-style-type: none"> SCCR 1038 – Continue testing the new software. Planning to deliver after the special CERES test, rescheduled for January 22nd. Expected delivery date January 30th. Continued work on the comparison and clean-up software and scripts for CM testing. This delivery will require an update to CERESlib to add FM6 in the ceres_constants.h file, along with a new value for the window channel correction for FM6. (Cooper – Denise.L.Cooper@nasa.gov, Grepitotis - Arthur.T.Grepitotis@nasa.gov) The EDOS to CERES test has been delayed until January 22nd. (Cooper) SCCR 1052 - This update is to force PGE CER1.1P8 to only run using input from PGE CER1.0P2, so that PGE CER1.0P3 can be run in parallel with PGE CER1.0P2, but follow-on Instruments will continue using the data from PGE CER1.0P2 until PGE CER1.0P3 is fully validated. (Cooper, Grepitotis) SCCR 1053 - This will be delivered with the switchover to PGE CER1.0P3 to ensure that PGE CER1.1P8 will read the input from PGE CER1.0P3, 	

Table 4. January 14, 2015 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
1.0 (Cont'd)	Cooper (Grepitotis)	<p>but will still read inputs from PGE CER1.0P2 if no data from PGE CER1.0P3 is available. (Cooper, Grepitotis)</p> <ul style="list-style-type: none"> Continue updates to the Instrument Test Plan and Operator's Manual for PGE CER1.0P3. The updated documents will be delivered when the PGE is delivered under SCCR 1038. (Cooper) 	
2.0	Walikainen (Lande)	<ul style="list-style-type: none"> Generated daily (Baseline) ERBE-like data/plots off-line during the ASDC power outage/restoration: helped Dale retrieve them. Also checked restoration status of <i>magneto</i> (i.e., Clouds/Inv Ed1-CV migration) and PGE CER2.2P1 Baseline in prod. (Lande - Jeremie.lande-1@nasa.gov) Checked prod status: no Beta2-Ed4 activity, Edition4A Terra thru 20021210 (Aqua thru 20040831). Inversion/Clouds Ed1-CV main prod thru 20141031 (28 on DPO) for Terra (January 8), 20141004 (0930 on DPO) for Aqua (January 9). (Lande) Continued monitoring PR updates: PGE CER1.2P1 Jul-Aug Ed3 FM4 PRs made 'Active', then (with all PGE CER2.2P1) 'Complete'. All related Edition3A Inversion PRs 'Complete'. Remaining open old (pre-300305) SS1.0/2.0/3.0 SPRs (both Ed1-CV and Baseline) closed, as well as all of the latest (2011-2013) Edition4 PRs. (Lande) Looked into need of new SPRs for processing next instance of Clouds Ed1-CV (October): verified IES input CC# transition to 300305, had Lisa clone existing SPRs (AM 795-14, PM 796-14) to reflect this (no output CC# update needed). Also provided her with info for extending the Aqua Edition4A Inversion PR in case it came close to completion during the holidays, and verified her Ed4A CC updates to the 12 T/A SSF1deg-Hr ValR PRs (DPO check: SSF inputs available January 9). Began preparing for upcoming delivery of Edition3 gains/SRFs. (Lande) Reviewed Walt's Winter 2015 Processing Objectives: obtained clarifications on SSF 	

Table 4. January 14, 2015 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
2.0 (Cont'd)	Walikainen (Lande)	<p>production goals, and verified PRs affected. Also verified latest Instrument SCCRs (1051/1052) are delta-type script deliveries only. (Lande)</p> <ul style="list-style-type: none"> • Examined daily Baseline1-QC ERBE-like data/plots off-line during the power outage. (Walikainen - Dale.R.Walikainen@nasa.gov) • Provided Instrument Working Group with Edition4/Edition1-CV flux comparisons. (Walikainen) • Provided Instrument Working Group with NPP-era inclination angle trend. (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"> • Processed three days of each month from January to April of 2013 and from January to December of 2008, Terra and Aqua MODIS C5 and C6 with/without calibration CloudVis files to create scatter plots for the calibrations of temperatures and reflectances between Aqua and Terra, C5 and C6. 2-D histogram plots from the results were posted on cog Website. (Chen - Yan.Chen-1@nasa.gov) • Continue checking the MODIS C6 data availability on the ASDC archive. (Chen) • Worked on emissivity vs. viewing angle by processing MOD11A1 July 2013 data. (Chen) • Moved CERESVis 1.7 to stest; waiting on tester feedback before promoting to production. (Heckert - Elizabeth.C.Heckert@nasa.gov) • Working with Churngwei to plan future CERESVis releases. (Heckert) • Developing CERES PR Tool build 2.1. (Heckert) • Reviewed a manuscript for IEEE Journal of Selected Topics on Earth Observations and Remote Sensing. (Gibson - Sharon.C.Gibson@nasa.gov) • Continued QC DX work. (Gibson) • Moved CERESVis 1.7 to stest; waiting on tester feedback before promoting to production. (Smith - Rita.A.Smith@nasa.gov) • Working with Churngwei to plan future CERESVis releases. (Smith) 	

Table 4. January 14, 2015 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
4.1 (Cont'd)	Sun-Mack (Brown)	<ul style="list-style-type: none"> • Developing CERES PR Tool build 2.1. (Smith) • QC global images and statistics were produced for Terra Edition2B-QC/Edition1-CV and Aqua Edition1C/Edition1-CV for 201407 through 201409. Results were posted on the Web. (Brown - Ricky.R.Brown@nasa.gov) • SSF global images and statistics were produced for Terra Edition2G and Aqua Edition 2D for 201407 through 201409. Results were posted on the Web. (Brown) • Worked with Clouds members on various tasks. (Sun-Mack - Szedung.Sun-Mack-1@nasa.gov) • Communications regarding MODIS granule issues, ValRx PRs for Edition1-CV on AMI... (Sun-Mack) • Delivered the latest cloud retrieval code to Pat Heck and Rabi so they can implement it into GOES-R and GEO. (Sun-Mack) • Worked on six segments Corrk. (Sun-Mack) • Read papers. (Sun-Mack) 	
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"> • Supported SYN1deg validation efforts. (Miller - Walter.F.Miller@nasa.gov) • SCCR 1047 - Modified convolution code to process aerosol variables for both land and ocean since VIIRS does not distinguish between the two. (Miller) • SCCR 1047 - Reviewed new NPP-FM5-VIIRS test run output files in preparation for delivery. (Miller) • Investigating different ways of checking CERES data consistency and filtering out of errors. Testing different validation algorithms. (Antropov - Igor.Antropov@nasa.gov) 	
4.5	Sothcott (Caldwell)	<ul style="list-style-type: none"> • Nothing new to report. (Sothcott - Victor.E.Sothcott@nasa.gov) 	
4.6	Sothcott (Caldwell)	<ul style="list-style-type: none"> • Combined with above. 	

Table 4. January 14, 2015 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
5.0	Caldwell (Sothcott)	<ul style="list-style-type: none"> SCCR 1017 - Barring any unexpected results from latest TSI runs, we have settled on a configuration of Edition4 SYNI for delivery. The tar files for delivery are assembled and the test plan has been verified. (Caldwell - Thomas.E.Caldwell@nasa.gov) 	
7.2	Caldwell (Sothcott)	<ul style="list-style-type: none"> Nothing new to report. (Caldwell) 	
12.0	Caldwell (Sothcott)	<ul style="list-style-type: none"> Still trying to determine the cause of longitudinal data shift with native grid data for MERRA MOA testing. (Caldwell) The shift does not seem to affect the MOA records; it may be an issue with my validation plotting software. (Caldwell) 	
7.1	Nguyen (Keyes)	<ul style="list-style-type: none"> SCCR1024 – Running the four test months for the final range checks of the TSIB data before delivery. (Nguyen - Le.T.Nguyen@nasa.gov) Preparing for the delivery. (Nguyen) 	
8.0	Nguyen (Keyes)	<ul style="list-style-type: none"> SCCR 1025 – Preparing PGE CER8.1P2 delivery. (Keyes - Dennis.F.Keyes@nasa.gov) SCCR 1025 – Running test months for the range check and validation. (Keyes) Cleaning GGEO images. (Keyes) 	
10.0	Nguyen (Keyes)	<ul style="list-style-type: none"> SCCR 1023 – Comparing x86 and P6 data during testing. Ran four months of Terra, Aqua and 201304 NPP for validation. (Nguyen - Le.T.Nguyen@nasa.gov) SCCR 1023 - Preparing for delivery. (Nguyen) 	
9.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> Processed 400403 SSFB/SSFA Terra and Aqua 10/2002 data through delivered code and created SSF1degB files. (Raju - Rajalekshmy.I.Raju@nasa.gov) Worked on PGE CER9.0P7 software to read GEO and MODIS zonal file inputs and to write monthly hourly, monthly-day, and monthly-night data on to HDF. Few tests were done for validations. Work will continue to process and create CldTypHist HDF public product. (Raju) As per TISA working group request, added new routines in the SYN1deg code to identify defaults in each SYNI parameter to retain the original data from 	

Table 4. January 14, 2015 - Subsystem Issues and Status

SS No.	SS Lead	Status	Problems
9.0 (Cont'd)	Raju (F. Wrenn)	the interpolated data record. Code was compiled and made available to them for testing. (Raju)	
11.0	Raju (F. Wrenn)	<ul style="list-style-type: none"> • New PCF scripts are written for PGE CER11.7P2 and tested successfully. PGE run script was modified to run all GEO satellites' simultaneously to reduce processing time. Test runs showed significant improvement in the processing time. (Grepitotis - Arthur.T.Grepitotis@nasa.gov, Raju) • PGE CER11.7P2 code was modified to handle run script changes. Created two executables, one to process pixel data for each satellite, the other to combine and create composite zonal files. (Raju) • New set of cleaned GEO inputs were processed through PGE CER11.1P1 and created 01/2010, 10/2002 Edition4 GGEO files for TSI process. (Raju) • Processing 10/2014 MCIDAS data through PGE CER11.1P10 and created Edition3 GGEO file. Validation plots showed missing hours for MET7. Sent information to Doug Spangenberg to provide missing inputs. (Raju) • Worked with the ASDC to finalize directory path for Edition4 GGEO product on DPO. (Raju) • As per science team requests, provided ggeo software package that was used to process 1986 months of GEO data. Assisted Dong Shengtao to familiarize with the code and the processing methods. (Raju) 	

Table 5. January 7, 2015 – DM Tasks

Activity	Status
<p>Production Processing Database/Automation (Coleman)</p>	<ul style="list-style-type: none"> • SCCR 1042 is promoted into the production environment. (Heckert - Elizabeth.C.Heckert@nasa.gov) • Developing approach for adding capability to search PRs by processing stream. (Grune - Carla.O.Grune@nasa.gov, Heckert, Coleman – Lisa.H.Coleman@nasa.gov) • Implemented cron script to automatically update Production Monitoring DB on daily basis. (Grune) • Developing plan for disseminating CC number updates to team for inclusion in CC number doc. (Coleman)
<p>CERES Websites (Kizer)</p>	<ul style="list-style-type: none"> • Continued to monitor the splitting up of the cluster Earth-www Website. The "Instrument" site migration to WebRA continues. (Kizer – Edward.A.Kizer@nasa.gov) • A Web page was generated to show the CERES Website migration status for each working group Website <http://ceres.larc.nasa.gov/Internal/WebRA-migration.php>. (Kizer) • The data availability page for monitoring Edition4 and Edition1-CV is still in review. Additional changes were made to take advantage of viewable space. (Kizer) • The publications were updated in the CERES Science Team Members Web page for individuals authoring papers in 2014. (Kizer)
<p>CERES Ordering Tool (Chu/Mitrescu)</p>	<ul style="list-style-type: none"> • CERESVis rel 1.7 is on stest environment. Since the testers were on travel, the pre-production test was not started. (Chu - Churngwei.Chu-1@nasa.gov, Heckert - Elizabeth.C.Heckert@nasa.gov) • Working on fixing a bug on CERESVis that is caused by info about color table not retrieved before the data arrives. (Chu) • Made the plan and working on the design for the next few CERESVis releases which include : (Chu & Heckert) <ul style="list-style-type: none"> ○ Include three new math functions into CERESVis. ○ Add SSFLevel2 data product to CERESVis. ○ Allow users to draw multiple bounding boxes for a histogram. ○ Add scatter plot capability to CERESVis. • Working on adding three new math functions into CERESVis. (Chu) • Working on including SSFLevel2 to CERESVis. (Chu)

Table 5. January 7, 2015 – DM Tasks

Activity	Status
CERES Ordering Tool (Chu/ Mitrescu) (Cont'd)	<ul style="list-style-type: none"> • Public release 4.4.1 to correct for zonal/global bug. (Mitrescu - Cristian.Mitrescu@nasa.gov) • Python was updated to show below and above colors. (Mitrescu) • Continue work on improving data visualization functions. (Mitrescu) • Generate SYN Ed4A and differences for internal QC. (Mitrescu) • Add two more months of SYN1deg and ISCCP-D1 and ISCCP-D2 to production. (Mitrescu) • Generate SSF Ed4A for internal QC. (Mitrescu) • Start to integrate SYN Ed4A 3H and 1H data subsetting (includes server, cron jobs and c++ codes) into internal and pre-public sites. (Mitrescu)

Subsystem ID	PGE ID	SCCR (exe)	Status of PGEs on Each Platform and TK Version used for Compilation ^{1,2}						Status of Misc. Item(s)	Applicable Satellites			Applicable Editions					
			P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver		CATALYST Integration Status (Y / N / Devel / SSI&T / n/a)	Terra	Aqua	NPP	T, A Ed3	T, A Ed4	NPP Ed1	B1-QC	Ed1-CV
Instrument 1	CER1.0P1		N	N/A	N	N/A	N	N/A	n/a									
	CER1.0P2	911	N	N/A	Y	16	Y	16	N			Y				Y	Y	
	CER1.0P3	1038	N	N/A	Devel	18	Devel	18	N			Y			Y			
	CER1.1P8	1041	N	N/A	Y	18	Y	18	N	Y	Y	Y				Y	Y	
	CER1.2P1	863	N	N/A	Y	16	Y	16	N	Y	Y	Y	Y	Y	Y	Y	Y	
	CER1.4P1	756	N	N/A	Y	16	Y	16	N							Y	Y	
	CER1.4P2	770	N	N/A	Y	16	Y	16	N								Y	
CER1.4P3	1040	N	N/A	N	N/A	Y	18	N	Y	Y	Y	Y	Y	Y				
ERBE-like 2	CER2.1P1	867	ia	16	Y	16	Y	16	N									Y
	CER2.2P1	867	ia	15	Y	16	Y	16	N	Y	Y	Y	Y	Y	Y	Y	Y	
	CER2.3P1	867	ia	16	Y	16	Y	16	N	Y	Y	Y	Y	Y			Y	
	CER2.3P2	867	ia	16	Y	16	Y	16	N	Y	Y	Y	Y	Y	Y		Y	
CER2.4P1	867	ia	16	Y	16	N	N/A	N	Y	Y	Y	Y	Y	Y				
ERBE-like 3	CER3.1P1	867	ia	16	Y	16	Y	16	N	Y	Y	Y	Y	Y	Y			
	CER3.2P1	867	ia	16	Y	16	Y	16	N	Y	Y		Y	Y				
Clouds 4.1-4	CER4.1-4.0P2	918	ia	15	Y	18	N	N/A	N									Y
	CER4.1-4.0P3	943	N	N/A	Y	18	N	N/A	N									Y
	CER4.1-4.1P4	693	Y	16	SSIT	18	N	N/A	N	Y							Y	
	CER4.1-4.1P5	693	Y	16	SSIT	18	N	N/A	N		Y						Y	
	CER4.1-4.1P6	947	N	N/A	Y	18	N	N/A	Y	Y	Y			Y				
	CER4.1-4.1P7	960	N	N/A	Y	18	N	N/A	N			Y			Y			
	CER4.1-4.2P2	693	Y	15	SSIT	18	N	N/A	N	Y	Y						Y	
	CER4.1-4.2P3	693	Y	15	SSIT	18	N	N/A	N	Y	Y						Y	
	CER4.1-4.2P4	947	N	N/A	Y	18	N	N/A	Y	Y	Y			Y				
	CER4.1-4.2P5	947	N	N/A	Y	18	N	N/A	Y	Y	Y			Y				
	CER4.1-4.2P6	960	N	N/A	Y	18	N	N/A	N			Y			Y			
	CER4.1-4.2P7	960	N	N/A	Y	18	N	N/A	N			Y			Y			
	CER4.1-4.3P2	693	Y	15	SSIT	18	N	N/A	N	Y	Y						Y	
	CER4.1-4.3P3	947	N	N/A	Y	18	N	N/A	Y	Y	Y			Y				
CER4.1-4.3P4	960	N	N/A	Y	18	N	N/A	N			Y			Y				

Subsystem ID	PGE ID	SCCR (exe)	Status of PGEs on Each Platform and TK Version used for Compilation ^{1,2}						Status of Misc. Item(s)	Applicable Satellites			Applicable Editions						
			P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver		CATALYST Integration Status (Y / N / Devel / SSi&T / n/a)	Terra	Aqua	NPP	T, A Ed3	T, A Ed4	NPP Ed1	B1-QC	Ed1-CV	Other
Inversion 4.5-6	CER4.5-6.0P6	1001	N	N/A	Y	18	Y	18	N	Y	Y	Y		Y	Y				
	CER4.5-6.1P2	913	Y	16	ValRx	18	ValRx	18	N	Y							Y		
	CER4.5-6.1P3	913	Y	16	ValRx	18	ValRx	18	N		Y						Y		
	CER4.5-6.1P4	814	N	N/A	Y	16	N	N/A	Y	Y				Y					
	CER4.5-6.1P5	814	N	N/A	Y	16	N	N/A	Y		Y			Y					
	CER4.5-6.1P6	973	N	16	Y	18	Y	18	N	Y	Y			Y					
	CER4.5-6.1P7	1001	N	N/A	Y	18	Y	18	N			Y			Y				
	CER4.5-6.2P2	913	Y	16	ValRx	18	ValRx	18	N	Y	Y							Y	
	CER4.5-6.2P3	814	N	N/A	Y	16	N	N/A	Y	Y	Y	Y		Y	Y				
	CER4.5-6.2P4	939	ia	16	Y	18	Y	18	N	Y	Y		Y						
	CER4.5-6.4P1	913	Y	16	ValRx	18	ValRx	18	N	Y	Y							Y	
	CER4.5-6.4P2	814	N	N/A	Y	16	N	N/A	Y	Y	Y	Y		Y	Y				
	CER4.5-6.5P4	984	ia	16	Y	18	N	18	N	Y			Y						
CER4.5-6.5P5	984	ia	16	Y	18	N	18	N		Y			Y						
SARB 5	CER5.0P1		ia	15	N	N/A	N	N/A	n/a										
	CER5.0P2	917	ia	15	Y	18	Y	18	N	Y	Y		Y						
	CER5.0P3	1028	N	N/A	SSIT	18	N	N/A	N	Y	Y			Y					
	CER5.1P1		ia	16	N	N/A	N	N/A	n/a										
	CER5.1P2		ia	16	Devel	18	Devel	18	n/a			Y			Y				
	CER5.1P3	1029	N	N/A	Devel	18	Devel	18	N	Y	Y			Y					
	CER5.4P1		ia	15	N	N/A	N	N/A	n/a										
TISA Grid 6	CER6.1P1		ia	15	N	N/A	N	N/A	n/a										
	CER6.2P1		ia	15	N	N/A	N	N/A	n/a										
	CER6.3P1		ia	15	N	N/A	N	N	n/a										
TISA Avg 7.1	CER7.3.1P1	1016	ia	16	Y	16	N	N/A	N	Y	Y		Y						
	CER7.3.1P2	1024	N	N/A	Devel	18	N	N/A	N	Y	Y			Y					
	CER7.3.1P3	1024	N	N/A	Devel	18	N	N/A	N	Y	Y			Y					
	CER7.3.1P4	1024	N	N/A	Devel	18	N	N/A	N	Y	Y			Y					
SARB 7.2	CER7.2.1P1	938	ia	16	N	N/A	Y	16	N	Y	Y		Y						
	CER7.2.1P2	1017	N	N/A	N	N/A	Devel	18	N	Y	Y			Y					

Subsystem ID	PGE ID	SCCR (exe)	Status of PGEs on Each Platform and TK Version used for Compilation ^{1,2}						Status of Misc. Item(s)	Applicable Satellites			Applicable Editions						
			P4	P4 TK Ver	P6	P6 TK Ver	X86	X86 TK Ver		CATALYST Integration Status (Y / N / Devel / SSI&T / n/a)	Terra	Aqua	NPP	T, A Ed3	T, A Ed4	NPP Ed1	B1-QC	Ed1-CV	Other
TISA 8	CER8.1P1	801	ia	15	Y	16	N	N/A	N	Y	Y		Y						
	CER8.1P2	1025	N	N/A	Devel	18	N	N/A	N	Y	Y			Y					
TISA Grid 9	CER9.0P1	915	ia	15	Y	18	Y	18	N	Y	Y		Y						
	CER9.0P2	961	N	N/A	Y	16	Y	18	N	Y	Y		Y						
	CER9.0P3	961	N	N/A	Y	16	Y	18	N	Y	Y		Y						
	CER9.0P4	940	N	N/A	Devel	18	N	N/A	N										
	CER9.0P5	940	N	N/A	Devel	18	N	N/A	N										
	CER9.0P6	1050	N	N/A	Devel	18	N	N/A	N	Y	Y			Y					
	CER9.0P7	1050	N	N/A	Devel	18	N	N/A	N	Y	Y			Y					
	CER9.1P1	914	ia	15	Y	18	N	N/A	N									Y	
	CER9.1P2	1018	N	N/A	N	N/A	SSIT	18	N										Y
	CER9.2P2	914	ia	16	Y	18	N	N/A	N	Y	Y		Y						
	CER9.2P3	1010	N	N/A	SSIT	18	SSIT	N/A	N	Y	Y	Y		Y	Y				
	CER9.3P2	914	ia	16	Y	18	N	N/A	N	Y	Y		Y						
	CER9.3P3	1010	N	N/A	SSIT	18	SSIT	N/A	N	Y	Y	Y		Y	Y				
	CER9.4P2	914	ia	16	Y	18	N	N/A	N	Y	Y		Y						
CER9.4P3	1010	N	N/A	SSIT	18	SSIT	N/A	N	Y	Y	Y		Y	Y					
TISA Avg 10	CER10.0P3	1013	ia	16	Y	18	N	N/A	N										
	CER10.0P4	1016	N	N/A	Y	18	N	N/A	N	Y	Y		Y						
	CER10.0P5	1023	N	N/A	Devel	18	N	N/A	N	Y	Y		Y						
GGEO 11	CER11.1P10		ia	16	N	N/A	N	N/A	n/a	Y	Y	Y		Y	Y				
	CER11.2P2		ia	16	N	N/A	N	N/A	n/a										
	CER11.4P1		ia	16	N	N/A	N	N/A	n/a										
	CER11.6P1		ia	16	N	N/A	N	N/A	n/a										
	CER11.7P1	916	ia	16	Y	18	Y	18	N									Y	
CER11.7P2	1049	N	N/A	Devel	18	N	N/A	N					Y						
Regrid 12	CER12.1P1	920	ia	16	Y	16	Y	16	N									Y	
	CER12.1P2	749	N	N/A	Y	16	Y	16	N									Y	

Table 1 Key:		
¹ Status	Y	Currently able to run in production
	ia	Executable exists on platform but PGE is inactive
	N	Not able to run in production
	Y/D	Current version in production operational, New version in development
	Y/S	Current version in production operational, New version in SSI&T
	Y/V	Current version in production operational, New version in ValRx
	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 undergoing ValRx testing and approving phase
² Prod. Platform	SGL	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 or SSIT	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
1/9/2013	11.7P1, 9.0P1	Changed P6 and New Wrapper Status from "Devel" to "SSI&T", Changed X86 status from "N" to "SSI&T"
	4.1-4.0P2	Changed P6 and New Wrapper Status from "SSI&T" to "ValRx"
	4.1-4.0P3	New PGE added to list
	1.4P3	Changed P6, X86, and New Wrapper Status from "Devel" to "SSI&T"
1/23/2013	4.1-4.0P2	Changed P6 and New Wrapper Status from "ValRx" to "Y"
	9.2P2,3,4	Changed P6 and New Wrapper Status from "ValRx" to "Y"
2/6/2013	1.4P3, 4.5-6.1P2,3, 4.5-6.2P2	Changed P6, X86 and New Wrapper Status from "SSI&T" to "ValRx"
	4.1-4.0P3	Changed P6 and New Wrapper Status from "SSI&T" to "ValRx"
2/20/2013	4.1-4.0P3	Changed P6 and New Wrapper Status from "ValRx" to "Y"
	1.4P3, 4.5-6.1P2,3, 4.5-6.2P2	Changed P6, X86, and New Wrapper Status from "ValRx" to "Y"
3/6/2013	None	No changes
3/18/2013	4.1-4.1P7, 2P6, 2P7, 3P4 4.5-6.1P6	New PGEs added to list
	9.0P1, 11.7P1	Changed P6 and New Wrapper Status from "SSI&T" to "Y"
	10.0P4	Changed New Wrapper Status from "N" to "Devel"
	1.4P3	Changed P6 and X86 status from "Y" to "Y/Devel" to indicate an updated version to replace current functioning version is in development
4/1/2013	4.-14.1P6, 2P4, 2P5, 3P3	Changed TK version from 16 to 18
	10.0P4	Changed P6, X86, and New Wrapper Status from "Devel" to "SSI&T"
4/15/2013	1.4P3	Changed P6 and X86 status from "Y/Devel" to "Y/SSIT" to indicate an updated version to replace current functioning version is in testing
	4.-14.1P6, 2P4, 2P5, 3P3	Changed P6 status to "ValRx"
	All	Removed column for SGI information
5/1/2013	No updates	
5/15/2013	4.-14.1P6, 2P4, 2P5, 3P3	Changed P6 status to "Y"
	9.0P2,3	Changed X86 status from "N" to "Y" and X86 tk version from "N/A" to "18"
5/29/2013	No updates	
6/12/2013	4.1-4.1P4,5, 2P2, 2P3, 3P2	Changed P6 and New Wrapper status from "Devel" to "SSIT"
6/24/2013	1.4P3	Removed "SSIT" from P6 and X86 status, added comment about ValRx
	4.5-6,1P2,3, 2P2, 4P1	Changed P6, X86, and New Wrapper Status from "Y" to "ValRx"
7/10/2013	No updates	

Revisions:		
Date	Affected Section or PGE/Product ID	Revision Made
7/24/2013	5.1P2	Changed P6, X86, and New Wrapper Status from "N" to "Devel", and TK Version to 18
	5.1P3	Changed TK Version from "16" to "18"
	4.5-6.1P7	New PGE added to list
	4.5-6.1P6	Changed comment to indicate this PGE is now an Ed4 PGE and not an NPP PGE
8/7/2013	10.0P4	Changed P6 and New Wrapper Status from "SSI&T" to "Y"
8/21/2013	No updates	
9/4/2013	No updates	
9/18/2013	4.5-6.5P4,5	Changed P6 and X86 status from "Y" to "Devel" to indicate an updated version to replace current version is in development
10/2/2013	1.4P3	Changed TK version from "16" to "18"
10/16/2013	No updates	
10/30/2013	No updates	
11/13/2013	No updates	
11/27/2013	9.0P4,5	Changed P6 and New Wrapper status from "Devel" to "SSIT"
12/11/2013	9.0P5	Changed P6 and New Wrapper status from "SSIT" back to "Devel"
1/8/2014	9.0P4	Changed P6 and New Wrapper status from "SSIT" back to "Devel"
1/22/2014	No updates	
2/5/2014	Table 1 Key	Added new Statuses Y/D, Y/S, and Y/V
	1.1P8, 1.2P1, 1.4P1, 1.4P2, 1.4P3	Changed P6 and X86 status from "Y" to "Y/S"
2/19/2014	4.5-6.0P6	New PGE added to list
3/5/2014	No updates	
3/19/2014	No updates	
4/2/2014	1.4P3	Changed P6 status from "Y/S" to "N"
	1.1P8, 1.2P1, 1.4P1, 1.4P2	Changed P6 and X86 statuses from "Y/S" to "Y"
	4.5-6.0P6, 4.5-6.1P6	Changed P6 and X86 statuses from "Devel" to "SSIT"
	4.1-4.1P7, 2P6, 2P7, 3P4	Changed P6 statuses from "Devel" to "SSIT"
4/16/2014	No updates	
4/30/2014	No updates	
5/14/2014	4.5-6.1P6	Changed P6 and X86 statuses from "SSIT" to "ValRx"
5/28/2014	7.2.1P2	Added new PGE
6/11/2014	9.2P3, 9.3P3, 9.4P3	Added new PGEs
6/25/2014	10.0P4	Changed X86 Status from "Y" to "N"
	7.3.1P2, 7.3.1P3, 7.3.1P4, 8.1P2, 9.1P2, 10.0P5	Added new PGEs

Revisions:		
Date	Affected Section or PGE/Product ID	Revision Made
7/11/2014	7.3.1P1, 8.1P1, 10.0P3, 10.0P4	Changed P6 status from "Y" to "SSIT"
7/23/2014	4.5-6.0P6, 4.5-6.1P6	Changed P6 and X86 and New Wrapper Status from "SSI&T" to "Y"
	4.5-6.1P7	Changed P6 and X86 and New Wrapper Status from "Devel" to "SSI&T"
8/6/2014	9.1P2	Changed X86 and New Wrapper status "Devel" to "SSIT"
	9.2P3, 9.3P3, 9.4P3	Changed P6 and New Wrapper status "Devel" to "SSIT"
8/20/2014	9.2P3, 9.3P3, 9.4P3	Changed X86 status from "N" to "SSIT"
	10.0P3, 4	Changed P6 status from "Devel" to "Y"
	1.3P3	Removed from table
9/3/2014	5.0P3	Changed P6 status to "SSIT" from "N"
9/17/2014	All	Added new status - "ia"
	All	Added column for active SCCR ID
	All	Removed "New Wrapper" column
	All	Replaced Comment Column with Sat and Version columns
	2.NPx, 3.NPx, 4.5-6.5P4,5, 5.0Px, 5.1P1,2, 5.4Px, 6.NPx, 7.3.1P1, 7.2.1P1, 9.0P1, 9.1P1, 9.NP2, 10.0P3, 11.NPx, 12.1P1	Changed P4 status from "Y" to "ia"
10/1/2014	1.0P3	New PGE added to list
10/15/2014	No Updates	
10/29/2014	1.0P3	Added SCCR number
11/12/2014	1.1P8, 1.4P3	Updated SCCR numbers
11/26/2014	4.1-4.1P7, 2P6, 2P7, 3P4	Changed P6 Status from "ValRx" to "Y"
12/10/2014	No Updates	
1/14/2015	9.0P6, 9.0P7, 11.7P2	New PGEs added to list