CERES DMT to DAAC Production Requests
OS Upgrade January 2005

by

CERES Data Management Team

Radiation and Aerosols Branch
Atmospheric Sciences Research
NASA Langley Research Center
Hampton, VA 23681-2199

Science Applications International Corporation (SAIC)
One Enterprise Parkway
Hampton, Virginia 23666

posted at: http://asd-www.larc.nasa.gov/ceres/dmt2daac/

Document Revision Record

Issue Date	Release Number	DCCR[a] Number	Pre-pared[b] by	Description of Revision	Section Affected
2/11/05	ROSV10	tbd	ebg	- ALL PROCESSING AND VERIFICATION COMPLETE - ACTIVITY CLOSED - Inversion monthly processing complete (PR 30-OS and PR 34-OS) - Clouds daily Terra processing completed and verified (PR 69-OS and PR 70-OS) - Terra and Aqua ERBElike verification complete (PR 55-OS to PR 64-OS) - Last Clouds request processed (PR 26-OS) - All Cloud outputs verified (Blocks starting with PR 20-OS and PR 24-OS)	Table 1
2/7/05	ROSV9	tbd	ebg	- need to rerun Inversion monthly processing using a month of input (PR 30-OS and PR 34-OS) - added request to run Terra daily QC and clear sky update using different inputs (PR 69-OS and PR 70-OS) - Terra TISA averaging verified (PR 49-OS) - Clouds Snow/Ice verified (PR 46-OS) - MOA verified (PR 47-OS) - Need to rerun Aqua Clouds PGE as per Walt's request (PR 26-OS) - Clouds monthly runs completed and verified (PR 23-OS and PR 27-OS) - Instrument Quicklook runs completed and verified (block starting with PR 52-OS) - SARB CRS processing verified (Block starting with PR 37-OS) - SARB CRS hdf file runs complete and verified (PR 50-OS and PR 51-OS) - TISA gridding SFC verified (Block starting with PR 43-OS) - MOA and PMOA processing verified (PR 47-OS, PR 48-OS)) - Terra and Aqua Inversion reprocessing completed (PR 65-OS to PR 68-OS)	Table 1
2/1/05	ROSV8	tbd	ebg	- Terra/Aqua Clouds/Inverison processing complete (blocks starting with PR 20-OS and PR 28-OS) - Instrument outputs verified. Can start processing Baseline1-QC BDS. ERBElike Spectral Correction Coefficients and Snow/Ice maps verified. - Need to rerun Clouds monthly using entire month of data. See comments in Cloud processing blocks (blocks starting with PR 20-OS and PR 24-OS) - Added Terra and Aqua Inversion reprocessing requests (PR 65-OS to PR 68-OS)	Table 1

Document Revision Record

1/31/05	ROSV7	tbd	ebg	- Terra and Aqua Instrument/ERBElike processing complete (blocks starting with PR 1-OS and PR 10-OS) - Snow and Ice processing complete (PR 46-OS) - MOA and PMOA processing complete (PR 47-OS, PR 48-OS)) - SARB CRS processing complete (Block starting with PR 37-OS) - TISA gridding SFC processing complete (Block starting with PR 43-OS) - Corrected end data date for Aqua Quicklook processing (PR 54-OS) - Added Terra and Aqua ERBElike reprocessing requests (PR 55-OS to PR 64-OS)	Table 1
1/27/05	ROSV6	tbd	ebg	- Corrected input cc# for SRBAVG testing, 10.1P1(PR 49-OS) - Modified SARB processing to run all PGEs for a month. (PR 37-OS through PR 42-OS)	Table 1
1/24/05	ROSV5	tbd	ebg	- Major modifications to Terra ERBELike PRs. (PR 5-OS through PR 9-OS) - Major modifications to Aqua ERBELike PRs. (PR 14-OS through PR 19-OS) - No Cloud PGE recompiles or redeliveries needed. (PR 20-OS through PR 27-OS)	Table 1
1/21/05	ROSV4	tbd	ebg	- Modified Instrument and ERBElike dates to specify last day of previous month and first day of following month as needed (PR 1-OS through PR 17-OS) - Modified input PS for 5.4P1. Edition2B input files must be renamed to ValROS-2.(PR 41-OS, PR 42-OS) - Modified PS4_2 in 21-OS to be same as PS4_2 in 20-OS. (PR 21-OS)	Table 1
1/20/05	ROSV3	tbd	ebg	- MOA/PMOA requests changed to accomodate MOA not being able to process with any processing strategy other than DAO-GEOS4 (PR 47-OS, PR 48-OS) - Corrected PS9 in monthly SFC request (PR 44-OS) - Added missing cc2_1 numbers and requested ValROS Snow/Ice map be used as input (PR 8B-OS, PR 17-OS)	Table 1
1/19/05	ROSV2	tbd	ebg	- Comment about ECS files added to Cloud PRs (PR 22-OS, PR 26-OS) - 4.5-6.6P3 disabled until redelivery (PR 36-OS, Table 2) - 1.1P4 and 1.1P6 require testing and should not be disabled (PR 52-OS, PR 53-OS, PR 54-OS, Table 2) - Terra gains and SRF will be delivered for 1/0- 11/04 (Table 3)	Table 1 Table 2 Table 3
12/22/04	ROSV1	tbd	ebg	- Original document listing subsystems that need to be tested after the ASDC Operating System upgrade has been completed. Also listed are PGEs to disable and deliveries expected shortly after OS upgrade.	Table 1

a. Document Configuration Change Request Number
b. Prepared by: ebg - Erika Geier, NASA

CERES DMT to DAAC Production Requests, Operating System Upgrade 2005

This set of tables serves as a format for requesting production activities from the CERES Data Management Team (DMT) to the Langley TRMM/Terra Information System (LaTIS).

A Change bar (|) is used, on left side of document, to indicate changes since the last request.

Note: Shaded boxes are completed Production Requests.

CERES Data Processing Policy

> **Under normal circumstances, a Data Month must be processed with a unique Software Code. If an emergency Software Code Fix must be made in the middle of a processing month, all days previously processed must be reprocessed to maintain consistency of the data.**

Table 1: Production Request for Checkout of CERES Processing after OS upgrade, January 2005

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
12/22/04 Terra Processing **Checkout Instrument** (last promoted SCCR 552) **Checkout ERBElike** (last promoted SCCR 484). No Recompilations needed. Only executables need to be checked. **1/20/05** filled in cc2_1 for 8-OS **1/21/05** Modified Instrument and ERBElike dates to specify last day of previous month and first day of following month as needed **1/24/05** expanded 6-OS and 7-OS to include November'03. No SCC available for 1/1/04, so removed PGE 2.3P1 from 8-OS request. Added 8B-OS to run PGE 2.3P1 for 12/1/03. Changed outputs that compare to Edition2 to ValROS-2. Appended set of ERBElike runs that correspond to Edition1; outputs from these are called ValROS.							Processed 1/27/05 Instrument verified 1/31/05. Start processing Terra Baseline1-QC. 2.1P1 & 2.4P1 verified 2/1/05. Remaining ERBE-like to rerun. See PR 55-OS.
1-OS	1.1P3	FM1, FM2	(PS1=>)	PS1=ValROS	11/30/03	1/1/04	cc1=030029
2-OS	1.3P1	FM1, FM2	PS1=ValROS	PS1=ValROS	12/03	12/03	cc1=030029 cc1_3=026027
3-OS	1.3P2	FM1,FM2	PS1=ValROS	PS1=ValROS	12/03	12/03	cc1_3=026027 cc1_4=025026
4-OS	1.3P3	FM1, FM2	PS1=ValROS	PS1=ValROS-2	11/30/03	1/1/04	cc1=030029 cc1_5=029031
5-OS	1.2P1	FM1, FM2	PS1=ValROS-2	PS1=ValROS-2	11/30/03	12/03	cc1=030029 cc1_2=025029
6-OS	2.1P1	FM1, FM2		PS2=ValROS	11/03	1/04	cc2_1=025025
7-OS	2.4P1	FM1, FM2	cmdline arg = 12	PS2=ValROS-2	11/03	12/03	cc2_4=026025

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PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
8-OS	2.2P1 ~~2.3P1~~ 2.3P2	FM1, FM2	PS1=ValROS-2 PS2_1=ValROS PS2_4=ValROS-2 cmdline arg = A F M T	PS2=ValROS-2	11/30/03	~~1/1/04~~ 12/31/03	cc2=026026 cc1_2=025029 cc2_1=025025 cc2_4=026025
8B-OS	2.3P1	FM1, FM2	PS1=ValROS-2 PS2_1=ValROS cmdline arg = A F M T	PS2=ValROS-2	12/1/03	12/1/03	cc2=026026 cc1_2=025029 cc2_1=025025 cc2_4=026025
9-OS	3.1P1	FM1, FM2	PS2=ValROS-2	PS3=ValROS-2	12/03	12/03	cc2=026026 cc3=024026
9A-OS	1.2P1	FM1, FM2	PS1=ValROS	PS1=ValROS	11/30/03	1/1/04	cc1=030029 cc1_2=025029
9B-OS	2.2P1 2.3P1 2.3P2	FM1, FM2	PS1=ValROS PS2_1=ValROS PS2_4=ValROS cmdline arg = A F N T	PS2=ValROS	11/30/03	1/1/04	cc2=026026 cc1_2=025029 cc2_1=025025 cc2_4=026025
9C-OS	3.1P1	FM1, FM2	PS2=ValROS	PS3=ValROS	12/03	12/03	cc2=026026 cc3=024026
12/22/04 Aqua Processing **Checkout Instrument** (last promoted SCCR 552) **Checkout ERBElike** (last promoted SCCR 484). No Recompilations needed. Only executables need to be checked. **1/20/05** Filled in cc2_1 and changed PS2_1 from NSIDC to ValROS for 17-OS. **1/21/05** Modified Instrument and ERBElike dates to specify last day of previous month and first day of following month as needed **1/24/05** Extended Spectral Correction Coefficient processing dates to include 11/03 and 1/04. Cancelled Snow map processing as it was already completed as part of Terra requests. Changed outputs that compare to Edition2 to ValROS-2. Appended set of ERBElike runs that correspond to Edition1; outputs from these are called ValROS.							Processed 1/28/05 Instrument verified 1/31/05. Start processing Aqua Baseline1-QC. 2.1P1 & 2.4P1 verified 2/1/05. Remaining ERBElike to rerun. See PR 60-OS.

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PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
10-OS	1.1P5	FM3, FM4	(PS1=>)	PS1=ValROS	11/30/03	1/1/04	cc1=030029
11-OS	1.3P1	FM3, FM4	PS1=ValROS	PS1=ValROS	12/03	12/03	cc1=030029 cc1_3=026027
12-OS	1.3P2	FM3,FM4	PS1=ValROS	PS1=ValROS	12/03	12/03	cc1_3=026027 cc1_4=025026
13-OS	1.3P3	FM3, FM4	PS1=ValROS	PS1=ValROS-2	11/30/03	1/1/04	cc1=030029 cc1_5=029031
14-OS	1.2P1	FM3, FM4	PS1=ValROS-2	PS1=ValROS-2	11/30/03	1/1/04	cc1=030029 cc1_2=025029
15-OS	2.1P1	FM3, FM4		PS2=ValROS	11/03	11/03	cc2_1=025025 Cancelled 1/24/05
16-OS	2.4P1	FM3, FM4	cmdline arg = 12	PS2=ValROS-2	11/03	1/04	cc2_4=026025
17-OS	2.2P1 2.3P1 2.3P2	FM3, FM4	PS1=ValROS-2 PS2_1=ValROS PS2_4=ValROS-2 cmdline arg = A F M T	PS2=ValROS-2	11/30/03	1/1/04	cc2=026026 cc1_2=025029 cc2_1=025025 cc2_4=026025
18-OS	3.1P1	FM3, FM4	PS2=ValROS-2	PS3=ValROS-2	12/03	12/03	cc2=026026 cc3=024026
19-OS	3.2P1	FM1+FM4	PS3=ValROS-2 (Aqua) PS3 =ValROS-2 (Terra)	PS3_2=ValROS-2	12/03	12/03	cc3=024026 cc3_2=024026
19A-OS	1.2P1	FM3, FM4	PS1=ValROS	PS1=ValROS	11/30/03	1/1/04	cc1=030029 cc1_2=025029
19B-OS	2.2P1 2.3P1 2.3P2	FM3, FM4	PS1=ValROS PS2_1=ValROS PS2_4=ValROS cmdline arg = A F N T	PS2=ValROS	11/30/03	1/1/04	cc2=026026 cc1_2=025029 cc2_1=025025 cc2_4=026025

Table 1: Production Request for Checkout of CERES Processing after OS upgrade, January 2005

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
19C-OS	3.1P1	FM3, FM4	PS2=ValROS	PS3=ValROS	12/03	12/03	cc2=026026 cc3=024026
12/22/04 Terra Processing **Checkout Cloud** (last promoted SCCR 501) For all PGEs, use current executable. To test the monthly without running a month of clouds, stage the Edition2-QC EQCDG and EQCDB files for 12/03 and rename them to ValROS2. **1/18/05** Rename ECS files to ValROS as needed to support testing. **1/21/05** PS4_2 in 21-OS should be the same as PS4_2 in 20-OS. Therefore PS4_2 changed from Edition1A to Edition2-QC in 21-OS. **2/1/05** PR 4.1-4.3P1 to be rerun using entire month of input (initially run using only one day). PS4_1 will be Edition2-QC and cc4_2=027033.							processed 2/1/05 23-OS processed & verified 2/3/05 remaining verified 2/11/05
20-OS	4.1-4.1P2	FM1, FM2, MODIS V004	PS1=Edition2 PS4_0=NSIDC-NESDIS PS4_2=Edition2-QC PS12=DAO-GEOS4	PS4_1= ValROS	12/31/03	12/31/03	cc12=016023 cc1=028029 cc4_0=021021 cc4_2=027034 cc4_1=027034
21-OS	4.1-4.2P1	Terra MODIS V004	PS4_1=ValROS PS4_2=Edition2-QC	PS4_1= ValROS	12/31/03	12/31/03	cc4_2=027034
22-OS	4.1-4.2P2	Terra MODIS V004	PS4_1=ValROS PS4_2=ValROS	PS4_1= ValROS	12/31/03	12/31/03	cc4_2=027034
23-OS	4.1-4.3P1	Terra MODIS MODIS V004	PS4_1=ValROS2	PS4_1= ValROS2	12/03	12/03	cc4_2 = 027033 cc4_3=027034
12/22/04 Aqua Processing **Checkout Cloud** (last promoted SCCR 567 - assuming delivery to turn on CloudVIS for Bing Lin was promoted) For all PGEs, use current executable. To test the monthly without running a month of clouds, stage the Edition1A EQCDG and EQCDB files for 12/03 and rename them to ValROS2. **1/18/05** Rename ECS files to ValROS as needed to support testing. **2/1/05** PR 4.1-4.3P1 to be rerun using entire month of input (initially run using only one day). PS4_1 will be Edition1A and cc4_2=028034. **2/2/05** Walt Miller requested CER4.1-4.2P2 be rerun using Edition1A clear sky maps. (Original run used CER_ECS start-up maps.)							processed 2/1/05 27-OS processed & verified 2/3/05 26-OS processed 2/11/05 remaining verified 2/11/05

Table 1: Production Request for Checkout of CERES Processing after OS upgrade, January 2005

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
24-OS	4.1-4.1P3	FM3, FM4, MODIS V004	PS1=Edition2 PS4_0=NSIDC-NESDIS PS4_2=Edition1A PS12=DAO-GEOS4	PS4_1= ValROS	12/31/03	12/31/03	cc12=016023 cc1=028029 cc4_0=021021 cc4_2=029036 cc4_1=029036
25-OS	4.1-4.2P1	Aqua MODIS V004	PS4_1=ValROS PS4_2=Edition1A	PS4_1= ValROS	12/31/03	12/31/03	cc4_2=029036
26-OS	4.1-4.2P2	Aqua MODIS V004	PS4_1=ValROS PS4_2=ValROS	PS4_1= ValROS	12/31/03	12/31/03	cc4_2=029036
27-OS	4.1-4.3P1	Aqua MODIS MODIS V004	PS4_1=ValROS2	PS4_1= ValROS2	12/03	12/03	cc4_2 = 029035 cc4_3=029036
12/22/04 Terra Processing **Checkout Inversion** (last promoted SCCR 562) - No Recompilations needed. Only executables need to be checked. - Run all of inversion using dynamic Spectral Correction Coefficients. (Always use PS4_7 = NULL. NEVER use default/static coefficients from CERESlib.) Always use Spectral Correction Coefficients that correspond to instrument getting processed. - To test Monthly Validation Site processor (4.5-6.4P1) without running a month of inversion, stage the Edition2B SSFB-val and SSFA-val files for 12/03 and rename them to ValROS2. **2/7/05** PR 30-OS needs to be rerun using an entire month of data as input. See above note about testing Monthly Validation Site processor (4.5-6.4P1).							processed 2/1/05 4P1 processed & verified 2/8/05 1P2 verified 2/2/05 all remaining PGEs verified 2/9/05
28-OS	4.5-6.1P2	FM1, FM2	PS4_1=ValROS PS12=DAO-GEOS4 PS2_4=Edition2 PS4_7 = NULL	PS4_5=ValROS	12/31/03	12/31/03	cc4_1=027034 cc12=016023 cc2_4=026023 cc4_5=cc4_8= 027031
29-OS	4.5-6.2P2	FM1, FM2	PS4_5=ValROS	PS4_5=ValROS	12/31/03	12/31/03	cc4_5=027031 cc4_9=023028
30-OS	4.5-6.4P1	FM1, FM2	PS4_5=ValROS2	PS4_5=ValROS2	12/03	12/03	cc4_9=023027 cc4_10=022027

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PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
31-OS	4.5-6.3P2	FM1, FM2	PS4_6=ValROS PS12=DAO-GEOS4 PS2_4=Edition2 PS4_7 = NULL	PS4_5=ValROS3	12/31/03	12/31/03	cc12=016023 cc4_6=027031 cc4_5=026031
12/22/04 Aqua Processing **Checkout Inversion** (last promoted SCCR 570/572 - No Recompilations needed. Only executables need to be checked. - Run all of inversion using dynamic Spectral Correction Coefficients. (Always use PS4_7 = NULL. NEVER use default/static coefficients from CERESlib.) Always use Spectral Correction Coefficients that correspond to instrument getting processed. - To test Monthly Validation Site processor (4.5-6.4P1) without running a month of inversion, stage the Edition1B SSFB-val and SSFA-val files for 12/03 and rename them to ValROS2. **1/5/04** PR 36-03 needs to be disabled. ValR4 failed in checkout because it didn't correct FM4 unfiltering error. Current version of 4.5-6.6P3 is not usable to process any data. **2/7/05** PR 34-OS needs to be rerun using an entire month of data as input. See above note about testing Monthly Validation Site processor (4.5-6.4P1). **2/8/05** Output from PR34-OS was not verified. VaLROS file contained data from 12/30 and 12/31 which was not yet available when Edition1B ran. The number of missing Edition1B FOVs was equivalent to the number of FOVs in the unused files.							processed 2/1/05 34-OS processed 2/8/05 All PGEs verified 2/9/05
32-OS	4.5-6.1P3	FM3, FM4	PS4_1=ValROS PS12=DAO-GEOS4 PS2_4=Edition2 PS4_7 = NULL	PS4_5=ValROS	12/31/03	12/31/03	cc4_1=029036 cc12=016023 cc2_4=026024 cc4_5=029034
33-OS	4.5-6.2P2	FM3, FM4	PS4_5=ValROS	PS4_5=ValROS	12/31/03	12/31/03	cc4_5=029034 cc4_9=023029
34-OS	4.5-6.4P1	FM3, FM4	PS4_5=ValROS2	PS4_5=ValROS2	12/03	12/03	cc4_9=023028 cc4_10=022027
35-OS	4.5-6.3P3	FM3, FM4	PS4_6=ValROS PS12=DAO-GEOS4 PS2_4=Edition2 PS4_7 = NULL	PS4_5=ValROS3	12/31/03	12/31/03	cc12=016023 cc2_4=026024 cc4_6=029034 cc4_5=030035

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PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
36-OS	4.5-6.6P3	FM3, FM4	PS4_6=ValROS PS12=DAO-GEOS4 PS2_4=Edition2 PS4_7 = NULL	PS4_5=ValROS4	12/31/03	12/31/03	**cancelled 1/5/04** cc12=016023 cc2_4=026024 cc4_6=029034 cc4_5=030035
12/22/04 Terra Processing **Checkout SARB CRS** (last promoted SCCR 563) - Process for crosstrack instrument ONLY FM1 is crosstrack: 5/00 - 7/00; 11/00 - 1/01; 5/01 - 7/01; 11/01 - 12/03 FM2 is crosstrack: 2/00 - 4/00; 8/00 - 10/00; 2/01 - 4/01; 8/01 - 10/01 **1/21/05** input PS for 5.4P cannot differ from output PS. Therefore Edition2B input files must be renamed to ValROS-2. **1/27/05** input files for 5.4P cannot be renamed because the PS also exists inside the file itself and is verified during production. An entire month of 5.1P1 must be run in order to provide the needed input for 5.4P1. Both instances of 5.1P1 PRs have been updated to run a month rather than an hour. Both instances of 5.4P1 have also been updated to reflect a change in the incoming PS and associated cc#.							processed 1/31/05 verified 2/4/05
37-OS	5.0P1	FM1 V004 MOD08	PS4_5=Edition2B PS12=DAO-GEOS4	PS5=ValROS	5/01	5/01	cc4_5=026030 cc12=016023 cc5=018025
38-OS	5.0P1	FM2 V004 MOD08	PS4_5=Edition2B PS12=DAO-GEOS4	PS5=ValROS	4/01	4/01	
39-OS	5.1P1	FM1	PS4_5=Edition2B PS5=ValROS PS12=DAO-GEOS4	PS5=ValROS	~~5/31/01 hour 00~~ 5/01	~~5/31/01 hour 00~~ 5/01	cc12=016023 cc4_5=026030 cc5=018025
40-OS	5.1P1	FM2	PS4_5=Edition2B PS5=ValROS PS12=DAO-GEOS4	PS5=ValROS	~~4/1//01 hour 00~~ 4/01	~~4/1/01 hour 00~~ 4/01	
41-OS	5.4P1	FM1	PS5=ValROS ~~(rename Edition2B to ValROS-2)~~	PS5=ValROS	5/01	5/01	cc5=018025 cc5_4=019026
42-OS	5.4P1	FM2	PS5=ValROS ~~(rename Edition2B to ValROS-2)~~	PS5=ValROS	4/01	4/01	

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PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
12/22/04 Terra Processing **Checkout TISA gridding SFC** (last promoted SCCR 569) **1/20/05** For 44-OS changed PS9 from Edition2B to Edition2C. (There is no Edition2B hourly SFC data for 11/03 and 12/03.)							processed 1/31/05 verified 2/4/05
43-OS	9.2P1	FM1, FM2	PS9_1=PS12= DAO-GEOS4 PS4_5=Edition2B	PS9=ValROS	12/31/03	12/31/03	cc4_5=026030 cc9_1=016019 cc9_2=022027
44-OS	9.3P1	FM1, FM2	PS9=Edition2C	PS9_3=ValROS	12/03	12/03	cc9_2=022026 cc9_3=023028
45-OS	9.4P1	FM1, FM2	PS9_3=ValROS	PS9_4=ValROS	12/03	12/03	cc9_3=023028 cc9_4=022028
12/22/04 Checkout Clouds Snow/Ice							processed 1/31/05 verified 2/2/05
46-OS	4.1-4.0P1	CERES		PS4_0=ValROS	12/31/03	12/31/03	cc4_0=021022
12/22/04 Checkout MOA and PMOA **Checkout SARB MOA** (last promoted SCCR 529) (Compiler flags must be reset if MOA is to be recompiled) **Checkout TISA gridding PMOA** **1/19/05** MOA code cannot handle any PS other than DAO-GEOS4. Therefore the sampling strategy should be set to ValROS instead.							processed 1/31/05 MOA verified 2/2/05 PMOA verified 2/4
47-OS	12.1P1	CERES		PS12=DAO-GEOS4 SS12 = ValROS	12/03	12/03	cc12=016026
48-OS	9.1P1	CERES	PS12=DAO-GEOS4 SS12 = ValROS	PS9_1=PS12= DAO-GEOS4 SS9_1=SS12= ValROS	12/03	12/03	cc12=016026 cc9_1=016020
12/22/04 Terra Processing **Checkout TISA Averaging SRBAVG** (last promoted SCCR 566) **1/26/05** Corrected cc code by changing 9_2 to 9_3 and updating numbers accordingly.							processed 1/31/05 verified 2/2/05

Table 1: Production Request for Checkout of CERES Processing after OS upgrade, January 2005

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
49-OS	10.1P1	FM1, FM2	PS9_3=Edition2C PS11=Edition2A PS9_1=PS12= DAO-GEOS4	PS10=ValROS	2/03	2/03	cc9_1=016019 cc9_3=023027 cc11=019024 cc10=013024
12/22/04 Terra Processing **Checkout special SARB processor that writes HDF output file** Process for crosstrack instrument ONLY FM1 is crosstrack: 5/00 - 7/00; 11/00 - 1/01; 5/01 - 7/01; 11/01 - 12/03 FM2 is crosstrack: 2/00 - 4/00; 8/00 - 10/00; 2/01 - 4/01; 8/01 - 10/01							processed 2/4/05 verified 2/7/05
50-OS	5.3P1	FM2	PS5=Edition2B PS4_5=Edition2B	PS5_3=ValROS	4/2/01 hour 23	4/2/01 hour 23	cc5=018024 cc4_5=026030 cc5_3=014018
51-OS	5.3P1	FM1	PS5=Edition2B PS4_5=Edition2B	PS5_3=ValROS	5/31/01 hour 23	5/31/01 hour 23	
1/5/04 Quicklook Terra and Aqua Processing **1/28/05** Corrected end data date for Aqua Quicklook runs							processed & verified 2/3/05
52-OS	1.1P4	FM1	(PS1=>)	PS1=ValROS	3/26/03	3/26/03	cc1=030029
53-OS	1.1P4	FM2	(PS1=>)	PS1=ValROS	11/3/04	11/3/04	
54-OS	1.1P6	FM3, FM4	(PS1=>)	PS1=ValROS	2/7/02 hr 7 min20	2/7/02	
1/31/05 Terra Processing **Reprocess ERBElike** (last promoted SCCR 484). No Recompilations needed. Only executables need to be checked. Cannot use ValROS PRES8 as input. Need to use Edition1 and Edition2 PRES8 to rerun the ERBElike data sets. Snow/Ice and Spectral Correction Coeffie4ncts do not need otbe rerun.							processed 2/4/05 verified 2.2P1 2/7/05 verified 2.3Px 2/7/05 verified 3.1P1 2/9/05
55-OS	2.2P1 2.3P2	FM1, FM2	PS1=Edition2 PS2_1=ValROS PS2_4=ValROS-2 cmdline arg = A F M T	PS2=ValROS-4	11/30/03	12/31/03	cc2=026026 cc1_2=025028 cc2_1=025025 cc2_4=026025

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56-OS	2.3P1	FM1, FM2	PS1=Edition2 PS2_1=ValROS cmdline arg = A F M T	PS2=ValROS-4	12/1/03	12/1/03	cc2=026026 cc1_2=025028 cc2_1=025025 cc2_4=026025
57-OS	3.1P1	FM1, FM2	PS2=ValROS-4	PS3=ValROS-4	12/03	12/03	cc2=026026 cc3=024026
58-OS	2.2P1 2.3P1 2.3P2	FM1, FM2	PS1=Edition1 PS2_1=ValROS PS2_4=ValROS cmdline arg = A F N T	PS2=ValROS-3	11/30/03	1/1/04	cc2=026026 cc1_2=024025 cc2_1=025025 cc2_4=026025
59-OS	3.1P1	FM1, FM2	PS2=ValROS-3	PS3=ValROS-3	12/03	12/03	cc2=026026 cc3=024026
1/31/04 Aqua Processing **Reprocess ERBElike** (last promoted SCCR 484). No Recompilations needed. Only executables need to be checked. Cannot use ValROS PRES8 as input. Need to use Edition1 and Edition2 PRES8 to rerun the ERBElike data sets.							processed 2/4/05 verified 2.2P1 2/7/05 verified 2.3Px 2/7/05 verified 3.xP1 2/9/05
60-OS	2.2P1 2.3P1 2.3P2	FM3, FM4	PS1=Edition2 PS2_1=ValROS PS2_4=ValROS-2 cmdline arg = A F M T	PS2=ValROS-4	11/30/03	1/1/04	cc2=026026 cc1_2=025027 cc2_1=025025 cc2_4=026025
61-OS	3.1P1	FM3, FM4	PS2=ValROS-4	PS3=ValROS-4	12/03	12/03	cc2=026026 cc3=024026
62-OS	3.2P1	FM1+FM4	PS3=ValROS-4 (Aqua) PS3 =ValROS-4 (Terra)	PS3_2=ValROS-4	12/03	12/03	cc3=024026 cc3_2=024026
63-OS	2.2P1 2.3P1 2.3P2	FM3, FM4	PS1=Edition1 PS2_1=ValROS PS2_4=ValROS cmdline arg = A F N T	PS2=ValROS-3	11/30/03	1/1/04	cc2=026026 cc1_2=024025 cc2_1=025025 cc2_4=026025

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PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
64-OS	3.1P1	FM3, FM4	PS2=ValROS-3	PS3=ValROS-3	12/03	12/03	cc2=026026 cc3=024026
2/2/04 Terra Processing **Checkout Inversion** (last promoted SCCR 562) - No Recompilations needed. Only executables need to be checked. - Rerun Alternate Main using Edition2B as input. The ValROS run used originally and Edition2B have differences in Cloud parameters. Therefore Edition2B must be used to generate Alternate Main. Run Altername Main output through subsetter to verify Inversion to verify the subsetter.							processed 2/7/05 verified 2/9/05
65-OS	4.5-6.3P2	FM1, FM2	PS4_6=Edition2A PS12=DAO-GEOS4 PS2_4=Edition2 PS4_7 = NULL	PS4_5=ValROS4	12/31/03	12/31/03	cc12=016023 cc4_6=026029 cc4_5=026031
66-OS	4.5-6.2P2	FM1, FM2	PS4_5=ValROS4	PS4_5=ValROS4	12/31/03	12/31/03	cc4_5=026031 cc4_9=023028
2/2/04 Aqua Processing **Checkout Inversion** (last promoted SCCR 570/572 - No Recompilations needed. Only executables need to be checked. - Run all of inversion using dynamic Spectral Correction Coefficients. (Always use PS4_7 = NULL. NEVER use default/static coefficients from CERESlib.) Always use Spectral Correction Coefficients that correspond to instrument getting processed. - Given problems encountered with Terra, do the same reprocessing for Aqua.							processed 2/7/05 verified 2/9/05
67-OS	4.5-6.3P3	FM3, FM4	PS4_6=Edition1B PS12=DAO-GEOS4 PS2_4=Edition2 PS4_7 = NULL	PS4_5=ValROS4	12/31/03	12/31/03	cc12=016023 cc2_4=026024 cc4_6=029033 cc4_5=030035
68-OS	4.5-6.2P2	FM3, FM4	PS4_5=ValROS4	PS4_5=ValROS4	12/31/03	12/31/03	cc4_5=029035 cc4_9=023029
2/7/05 Terra Processing **Checkout Cloud** (last promoted SCCR 501) Due to discrepancies in output of 4.1-4.1P2, CERES needs to have the daily QC files and clear sky update rerun using Edition2-QC as input.							processed 2/9/05 rerun 2/10/05 verified 2/11/05

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PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
69-OS	4.1-4.2P1	Terra MODIS V004	PS4_1=Edition2-QC PS4_2=Edition2-QC	PS4_1= ValROS2	12/31/03	12/31/03	cc4_2=027033
70-OS	4.1-4.2P2	Terra MODIS V004	PS4_1=Edition2-QC PS4_2=Edition2-QC	PS4_1= ValROS2	12/31/03	12/31/03	cc4_2=027033

Table 2: CERES PGEs to be disabled until redelivery

PGE	When delivery expected	Comments
TISA Gridding FSW (Subsystem 6)		
6.1P1 6.2P1 6.3P1	within one month of OS upgrade	- Terra Edition2B FSW processing halted, no additional months needed - Combine testing of delta delivery already in SSI&T (SCCR 571) with upcoming code delivery - Science needs parameters added to FSW to make it more usable - Once delivery comes in, run as Terra Edition2C and Aqua Beta1
Instrument (Subsystem 1)		
1.1P1	unknown	- All CERES TRMM data has been processed. - If it needs to be reprocessed, this PGE will need to be redelivered.
1.1P2	unknown	- No need for Quicklook TRMM processing
ERBElike (Subsystem 3)		
3.2P2	unknown	- This PGE hasn't been able to run for months and, regardless of whether there's an OS upgrade, it requires a redelivery
Clouds (Subsystem 4.1-4)		
4.1-4.1P1	unknown	- TRMM-VIRS not in production because it requires a redelivery to continue running any data beyond 7/31/01 - All TRMM-VIRS data that could be processed with current version was processed
Inversion (Subsystem 4.5-6)		
4.5-6.1P1 4.5-6.2P1 4.5-6.3P1	unknown	- TRMM code needs to be completely checked out and possibly redelivered before using it to process any additional data - All TRMM data available to date has been processed - If reprocessing needed, appropriate code(s) must be redelivered.
4.5-6.6P2	delivery holding in CM	- delivery to process Terra data using Daily Inversion-only (alternate main) was never sent to ASDC for SSI&T due to OS upgrade. Although it exists in documentation, it doesn't exist on production system.

Table 2: CERES PGEs to be disabled until redelivery

PGE	When delivery expected	Comments
4.5-6.6P3	summer/fall	- delivery to process Aqua data using Daily Inversion-only (alternate main) did not correct FM4 unfiltering problem and cannot be used to process any data. - redelivery is required prior to using this PGE in production
TISA Averaging TSI (Subsystem 7.1))		
7.1P1	unknown	- 5 months of Terra data and 1 month of TRMM were processed - redelivery required before processing any additional data - additional parameters to be added to FSW need to be passed on to Synoptic SARB
Synoptic SARB (Subsystem 7.2)		
7.2P1	unknown	- 5 months of Terra data and 1 month of TRMM were processed - redelivery required before processing any additional data - algorithms will be able to use additional parameters getting passed in through TSI
TISA Averaging SYN/AVG/ZAVG (Subsystem 8)		
8.1P1	unknown	- 5 months of Terra data were processed - couldn't process TRMM data because code was expecting all regions, not just those containing data - Redelivery required before processing any aditional data
GGEO (Subsystem 11)		
11.1P1 11.1P2 11.2P3 11.1P4 11.1P5 11.1P6 11.1P7 11.1P8 11.2P1 11.2P2 11.3P1 11.4P1	Feb 11, 2005	- All GGEO processing with current software is complete - To process any additional months (3/03 and beyond) requires coefficients and code updates - Switching to MCIDAS format

Table 3: Deliveries expected shortly after OS upgrade

Delivery Time Frame	Satellite	Production Strategy	Data Dates	Comments
Instrument: None of these deliveries impact disabled PGEs. Alternately stated, all Instrument PGEs that require testing after OS upgrade must be completed before any of these deliveries get promoted				
February	Aqua Terra	Edition1 Edition1	1/05 -> 2/05 ->	- patch to FM4 expected to go in 1/1/05 - patch to FM1, FM2, and FM3 expected to go in 2/1/05 - Edition1 processing after patch goes in requires this redelivery - Baseline1-QC can continue running regardless of patch situation
February	Terra	Edition2 Gains/SRF	1/04 - 11/04	- as soon as this data is available, Terra Edition2B SSF and Terra Edition2C SFC should also run
??	Aqua	Edition2 Gains/SRF	8/04 - ??	
TISA gridding FSW: All subsystem 6 PGEs disabled at time of OS upgrade				
February	Terra Aqua	Edition2C Beta1	3/00 - 3/03 7/02 - 6/03	- added parameters to FSW
GGEO: All GGEO PGEs disabled at time of OS upgrade				
2/11/05	all geostationary satellites	??	3/03 ->	- Process MCIDAS format - New PGE to corect GGEO files already processed
TISA averaging SRBAVG : PGE delivery completely independent of OS upgrade				
Feb or Mar	Terra Aqua	Edition2D Edition1B ?	3/00- 2/03 7/02 - 2/03	- improved subsystem 10 delivery for Terra