

Externally Provided Input

MATCH: MATCH files that are necessary for Instantaneous SARB Subsystem (SS5) processing are available through June 30, 2010.

MODIS Collections 005 and 051: MODAPS is currently sending Collection 005 and 051 Terra and Aqua data, respectively. The Aqua files that include the deep blue algorithm are identified as Collection 051. The ASDC has received Collection 051 files for Aqua from October 11, 2003 through the present. The Terra MOD02 and MOD03 (radiance and geolocation, respectively) Collection 051 has been in production for some time, and the reprocessing of the Terra MOD04 and MOD08 data files that include the deep blue algorithm for the aerosols was advertised to begin on March 25, 2010. Processing began with Terra "First Light" (February 24, 2000) and will continue in time order through 2006. The forward processing stream will begin at a later date, still to be determined. This collection will also be identified as Collection 051.

MODIS Collection 004: Collection 004 Aqua data were received through April 2006.

MODIS Collection 006: According to their web site (<http://modis-atmos.gsfc.nasa.gov>), the atmospheres reprocessing is expected to start in late 2011. The plans for MODIS Land site (<http://modis-land.gsfc.nasa.gov/news.htm>) indicates a processing start date of January 2011.

GMAO: The CERES team agreed to accept the G5-CERES meteorological data provided by GMAO. The CERES Team expects to use these data for the remainder of Edition2 processing and for Edition3 processing. CERES Edition4 processing is expected to use the updated GEOS-5.4.1 data provided by GMAO, for which CERES has begun to receive data.

Snow and Ice: Though it has not yet been determined exactly when CERES will incorporate it into their processing, an evaluation of the sample 1/16 snow mesh data received by the ASDC from the provider has indicated that the data are satisfactory for CERES use. The ASDC will continue to receive the 1/8 data for an unspecified time. (Remember that the 1/16 data is in meters, not inches.) The software to process the 1/16 data is now in production and in use by FLASHFlux. Until all projects currently requiring the 1/8 data no longer need it, the 1/8 data will be processed.

January 2011 - CERES Processing Update

\*\*\* Software Deliveries in Pre-operational Testing

Instrument: AMI compatible versions of Ada versions, C++ versions

Regrid MOA: Edition4 to AMI

ISCCP-D2like-Mrg: Beta1, AMI compatible

TISA Averaging: Edition3A SYN1-deg products

\*\*\* Expected Upcoming Software Deliveries

February 2011:

Clouds: Beta1-Ed4 to AMI P6

ERBE-like: AMI compatible version

ISCCP-D2like-FlxDay/Nit: Beta to AMI

TISA Averaging: Redelivery of Edition3A TSI to magneto and/or AMI

March 2011:

Inversion: Beta1-Ed4 to AMI P6

\*\*\* Documentation

In Review:

SSF Aqua Edition3A DQS

Approved:

SSF Terra Edition3A DQS

SFC Terra Edition3A DQS

SFC Aqua Edition3A DQS

Requested:

BDS Aqua Edition3 BDS

Data Sets Currently in Production  
(Status verified 2/3/11)

CERES Product	Satellite	Instr.	Production Strategy	Beginning Data Date	Date Through Which Processing is Complete	Further Processing Expected? (Y/N)	Comments
BDS	Terra	Both	Baseline1-QC	2/25/2000	<b>1/29/2011</b>	Y	
		Both	Edition1-CV	2/25/2000	<b>1/1/2011</b>	Y	
		Both	Edition2	2/25/2000	7/1/2010	Y	
		Both	Edition3	3/1/2000	3/1/2010	Y	
	Aqua	Both	Baseline1-QC	6/18/2002	<b>1/29/2011</b>	Y	
		FM3	Edition1-CV	6/18/2002	<b>1/1/2011</b>	Y	No files for 7/19/05 - 8/30/05 due to temperature variations
		FM4	Ed1-CV-NoSW	4/1/2005	<b>1/1/2011</b>	Y	" "
		FM3	Edition2	6/18/2002	7/1/2010	Y	
		FM4	Ed2-NoSW	4/1/2005	7/1/2010	Y	
		FM3	Edition3	6/18/2002	<b>3/1/2010</b>	Y	
FM4	Edition3	6/18/2002	3/29/2005	N			
FM4	Ed3-NoSW	3/30/2005	<b>3/1/2010</b>	Y			
ES8	Terra	Both	Baseline1-QC	2/25/2000	<b>1/29/2011</b>	Y	
		Both	Edition1-CV	2/25/2000	<b>12/31/2010</b>	Y	
		Both	Edition2	2/25/2000	<b>6/30/2010</b>	Y	
	Aqua	Both	Baseline1-QC	6/18/2002	<b>1/29/2011</b>	Y	
		FM3	Edition1-CV	6/18/2002	<b>12/31/2010</b>	Y	
		FM4	Ed1-CV-NoSW	4/1/2005	<b>12/31/2010</b>	Y	See note for BDS Aqua FM4 AnomOps-Ed1-CV.
		FM3	Edition2	6/18/2002	<b>6/30/2010</b>	Y	
FM4	Ed2-NoSW	4/1/2005	<b>6/30/2010</b>	Y			

Data Sets Currently in Production  
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CERES Product	Satellite	Instr.	Production Strategy	Beginning Data Date	Date Through Which Processing is Complete	Further Processing Expected? (Y/N)	Comments
ES4	Terra	Both	Edition1-CV	3/1/2000	<b>12/31/2010</b>	Y	
		Both	Edition2	3/1/2000	<b>6/30/2010</b>	Y	
	Aqua	FM3	Edition1-CV	6/18/2002	<b>12/31/2010</b>	y	
		FM4	Ed1-CV-NoSW	4/1/2005	<b>12/31/2010</b>	Y	No files for 7/05 & 8/05 due to temp variations
		FM3	Edition2	6/18/2002	<b>5/31/2010</b>	Y	
	Comb	FM4	Ed2-NoSW	4/1/2005	<b>6/30/2010</b>	Y	
		FM1 + FM3	Edition2	7/1/2002	<b>6/30/2010</b>	Y	
FM2 + FM3	Edition2	1/1/2006	3/31/2007	Y			
ES9	Terra	Both	Edition1-CV	3/1/2000	<b>12/31/2010</b>	Y	
		Both	Edition2	3/1/2000	<b>6/30/2010</b>	Y	
	Aqua	FM3	Edition1-CV	6/18/2002	<b>12/31/2010</b>	Y	
		FM4	Ed1-CV-NoSW	4/1/2005	<b>12/31/2010</b>	Y	No files for 7/05 & 8/05 due to temp variations
		FM3	Edition2	6/18/2002	<b>5/31/2010</b>	Y	
	Comb	FM4	Ed2-NoSW	4/1/2005	<b>6/30/2010</b>	Y	
		FM1 + FM3	Edition2	7/1/2002	<b>6/30/2010</b>	Y	
FM2 + FM3	Edition2	1/1/2006	3/31/2007	Y			
SSF	Terra	Both	Edition2G	11/30/2007	<b>7/1/2010</b>	Y	
		Both	Edition2F	12/31/2006	12/1/2007	Y	
		FM1	Edition3A	<b>10/31/2005</b>	<b>3/1/2010</b>	Y	Data Dates are not being processed sequentially; dates between 7/31/06 and 12/31/07 have not yet processed.
	Aqua	FM2	Edition3A	<b>10/31/2005</b>	<b>3/1/2006</b>	Y	
		FM3	Edition3A	<b>4/1/2005</b>	<b>9/6/2007</b>	Y	
		FM3	Edition2D	11/30/2007	3/1/2010	Y	
FM4	Ed2D_NoSW	11/30/2007	3/1/2010	Y			

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SFC	Terra	Both	Edition2G	12/1/2007	<b>5/31/2010</b>	Y	FM2 Processing Complete Date is 2010-02-28
		XTrk	Edition3A	12/1/2007	<b>2/28/2010</b>	Y	
	Aqua	FM3	Edition2D	12/1/2007	2/28/2010	Y	
		FM4	Ed2D_NoSW	12/1/2007	2/28/2010		
		XTrk	Edition3A	<b>12/1/2007</b>	<b>2/28/2010</b>	Y	
GGEO	N/A	N/A	Edition2A	3/1/2000	10/31/2005	Y	
CRS	Terra	FM1	Edition2G	12/1/2007	<b>2/28/2010</b>	Y	
FSW	Terra	FM1	Edition2G	12/1/2007	<b>2/28/2010</b>	Y	
TSI	Terra	XTrk	Edition2C	3/1/2000	10/31/2005	Y	
		XTrk	Edition3A	<b>1/1/2008</b>	<b>10/31/2008</b>	Y	months: 01, 04, 07,10
	Aqua	XTrk	Edition2B	7/1/2002	10/31/2005	Y	
		XTrk	Edition3A	<b>1/1/2008</b>	<b>10/31/2008</b>	Y	months: 01, 04, 07,10
SYNI	Terra	XTrk	Edition2C	3/1/2000	10/31/2005	Y	
		XTrk	Edition3A	<b>1/1/2008</b>	<b>10/31/2008</b>	Y	months: 01, 04, 07,10
	Aqua	XTrk	Edition2B	7/1/2002	10/31/2005	Y	
		XTrk	Edition3A	<b>1/1/2008</b>	<b>10/31/2008</b>	Y	months: 01, 04, 07,10
SYN/AVG/ ZAVG	Terra	XTrk	Edition2C	3/1/2000	10/31/2005	Y	
	Aqua	XTrk	Edition2B	7/1/2002	10/31/2005	Y	
MOA	N/A	N/A	G5-CERES	9/30/2007	<b>10/31/2010</b>	Y	G5-CERES forward processing stream
PMOA	N/A	N/A	G5-CERES	1/1/2008	<b>9/30/2010</b>	Y	G5-CERES forward processing stream

Completed Data Sets  
(Status verified 2/3/11)

CERES Product	Satellite	Instr.	Production Strategy	Beginning Data Date	Date Through Which Processing is Complete	Further Processing Expected? (Y/N)	Comments
BDS	Terra	Both	Edition1	2/25/2000	10/31/2005	N	
	Aqua	FM3	Edition1	6/18/2002	10/31/2005	N	
		FM4	Edition1	6/18/2002	3/29/2005	N	
		FM4	Ed1-NoSW	4/1/2005	10/31/2005	N	No files for 7/19/05 - 8/30/05 due to temperature variations
		FM4	Edition1-CV	6/18/2002	3/31/2005	N	" "
		FM4	AnomOps-Ed1-CV	7/19/2005	8/30/2005	N	During this period diagnostics were performed in an attempt to recover FM4's shortwave channel. To help ensure that the resulting data from the front-end subsystems did not inadvertently become available to the public, the Production Strategy was set as "AnomOps-Ed1-CV"
		FM4	Edition2	6/18/2002	3/29/2005	N	
	TRMM	PFM	Edition1-CV	1/1/1998	8/31/1998	N	
		PFM	Edition1-CV	3/1/2000	3/31/2000	N	
		PFM	Ed1-CV-TransOps	1/19/1999	7/17/1999	N	Data set not continuous, selected days only
ES8	Terra	Both	Edition1	2/25/2000	10/31/2005	N	
	Aqua	FM3	Edition1	6/18/2002	10/31/2005	N	
		FM4	Edition1	6/18/2002	3/29/2005	N	
		FM4	Ed1-NoSW	4/1/2005	10/31/2005	N	No files for 7/19/05 - 8/30/05 due to temperature variations
		FM4	Edition1-CV	6/18/2002	3/31/2005	N	
		FM4	AnomOps-Ed1-CV	7/19/2005	8/30/2005	N	See note for BDS Aqua FM4 AnomOps-Ed1-CV.
		FM4	Edition2	6/18/2002	3/29/2005	N	
	TRMM	PFM	Edition1-CV	1/1/1998	8/31/1998	N	
		PFM	Edition1-CV	3/1/2000	3/31/2000	N	
		PFM	Ed1-CV-TransOps	1/19/1999	7/17/1999	N	Data set not continuous, selected days only

## Completed Data Sets

(Status verified 2/3/11)

CERES Product	Satellite	Instr.	Production Strategy	Beginning Data Date	Date Through Which Processing is Complete	Further Processing Expected? (Y/N)	Comments
ES4	Aqua	FM4	Edition1-CV	6/18/2002	3/29/2005	N	
		FM4	AnomOps-Ed1-CV	7/19/2005	8/30/2005	N	See note for BDS Aqua FM4 AnomOps-Ed1-CV.
	Comb	FM4	Edition2	6/18/2002	3/29/2005	N	
		FM1 + FM4	Edition2	9/1/2002	3/29/2005	N	
	TRMM	PFM	Edition1-CV	1/1/1998	8/31/1998	N	
		PFM	Edition1-CV	3/1/2000	3/31/2000	N	
ES9	Aqua	FM4	Edition1-CV	6/18/2002	3/29/2005	N	
		FM4	AnomOps-Ed1-CV	7/19/2005	8/30/2005	N	See note for BDS Aqua FM4 AnomOps-Ed1-CV.
	Comb	FM4	Edition2	6/18/2002	3/29/2005	N	
		FM1 + FM4	Edition2	9/1/2002	3/29/2005	N	
	TRMM	PFM	Edition1-CV	1/1/1998	8/31/1998	N	
		PFM	Edition1-CV	3/1/2000	3/31/2000	N	
SSF	Terra	Both	Edition2B	3/1/2000	8/1/2006	N	MOD 004 as input. FM2 only for January 2006--FM1 in stowe.
		Both	Edition2F	1/1/2006	1/1/2008	N	MOD 005 as input. No 2/1/06 - 4/29/06. FM2 only for January 2006 (FM1 in stowe).
		Both	Beta1-Ed3	10/1/2003	10/31/2003	N	
		Both	Beta2-Ed3	1/1/2004	7/31/2006	N	Seasonal months for 2004, January 2006 (FM2 only, FM1 in stowe), and July 2006 only.
	Aqua	Both	Edition1B	7/1/2002	3/30/2005	N	
		Both	Edition2A/Ed2A-NoSW	7/2/2002	1/1/2006	N	
		Both	Edition2B/Ed2B-NoSW	7/2/2002	5/1/2006	N	Missing 07/19/05 - 08/30/05. See note for BDS Aqua FM4 AnomOps-Ed1-CV.
		Both	Edition2C/Ed2C-NoSW	1/1/2006	1/1/2008	N	MOD 005 as input (no 2/1/06 - 4/29/06) (PRs 62-08, 61-08). Edition2D to begin on 1/1/08.
		Both	Ed2C-MOD-C4-Land-IGBP	1/1/2004	12/31/2005	N	XTrk only after 7/1/04 (PRs 63-08, 64-08)
		Both	Beta2-Ed3	1/1/2004	7/31/2006	N	Seasonal months for 2004, January 2006, and July 2006 only.

Completed Data Sets  
(Status verified 2/3/11)

CERES Product	Satellite	Instr.	Production Strategy	Beginning Data Date	Date Through Which Processing is Complete	Further Processing Expected? (Y/N)	Comments
SFC	Terra	Both	Edition2B	3/1/2000	10/31/2003	N	
		Both	Edition2C	3/1/2000	7/31/2006	N	MOD 004 as input
		Both	Edition2F	1/1/2006	12/31/2007	N	MOD 005 as input (no 2/1/06 - 4/29/06) (PR 55-08). Edition2G to begin on 1/1/08.
	Aqua	Both	Edition1B	7/1/2002	2/28/2005	N	
		Both	Edition2A/Ed2A-NoSW	7/1/2002	12/31/2005	N	
		Both	Edition2B/Ed2B-NoSW	7/2/2002	4/30/2006	N	MOD 004 as input
		Both	Edition2C/Ed2C-NoSW	1/1/2006	12/31/2007	N	MOD 005 as input (no 2/1/06 - 4/29/06) (PR 60-08). Edition2D to begin on 1/1/08.
GGEO	N/A	N/A	Beta9	6/1/2004	12/31/2005	N	
ISCCP-D2like-	Terra	XTrk	Beta1	3/1/2000	8/31/2007	N	
	Aqua	XTrk	Beta1	7/1/2002	8/31/2007	N	
ISCCP-D2like-GEO	N/A	N/A	Beta1	7/1/2002	10/31/2005	N	
SRBAVG	Terra	Both	Edition2C	3/1/2000	2/28/2003	N	
		Both	Edition2D	3/1/2000	10/31/2005	N	
	Aqua	Both	Edition2A	7/1/2002	3/31/2005	N	
SRBAVG-Daily1/2	Terra	Both	Beta1	3/1/2000	2/28/2003	N	
CRS	Terra	XTrk	Edition2B	3/1/2000	6/30/2006	N	MOD 004 as input to SSF.
		XTrk	Edition2F	5/1/2006	12/31/2007	N	MOD 005 as input to SSF (PRs 2-08, 54-08). Edition2G to begin on 1/1/08.
	Aqua	XTrk	Edition2A	7/2/2002	12/31/2005	N	
		XTrk	Edition2B	7/2/2002	5/1/2006	N	MOD 004 as input to SSF.
		XTrk	Edition2C	5/1/2006	12/31/2007	N	MOD 005 as input to SSF. (PR 59-08). Edition2D to begin on 1/1/08.

Completed Data Sets  
(Status verified 2/3/11)

CERES Product	Satellite	Instr.	Production Strategy	Beginning Data Date	Date Through Which Processing is Complete	Further Processing Expected? (Y/N)	Comments
FSW	Terra	XTrk	Edition2B			N	Deleted from archives
		XTrk	Edition2C	3/1/2000	6/20/2006	N	MOD 004 as input to SSF.
		XTrk	Edition2F	5/1/2006	12/31/2007	N	MOD 005 as input to SSF (PRs 1-08, 53-08). Edition2G to begin on 1/1/08.
	Aqua	XTrk	Edition2A	7/2/2002	12/31/2005	N	
		XTrk	Edition2B	7/2/2002	4/30/2006	N	MOD 004 as input to SSF.
		XTrk	Edition2C	5/1/2006	12/31/2007	N	MOD 005 as input to SSF (PRs 4-08, 60-08). Edition2D to begin on 1/1/08.
TSI	Terra	XTrk	Beta4/5	4/1/2000	10/31/2005	N	Seasonal months + 2001 + 2/04. (April months processed in SIT with PS and CC set to "GGEO-val_800800" in output filenames.)
	Aqua	XTrk	Beta4/5	7/1/2002	10/31/2005	N	Seasonal months only
SYNI	Terra	XTrk	Beta3	3/1/2000	10/31/2005	N	10/04 - 10/05 known to have problems due to Toolkit, 11/04 - 10/05 requested to delete from archives, and for 10/04 to have only LaRC access
	Aqua	XTrk	Beta4/5	7/1/2002	10/31/2005	N	Seasonal months only
	TRMM	PFM	Beta3	3/1/2000	3/31/2000	N	
SYN/ AVG/ ZAVG	Terra	XTrk	Beta3	3/1/2000	10/31/2005	N	10/04 - 10/05 known to have problems due to Toolkit. It was requested, therefore, that 11/04 - 10/05 to be deleted from archives, and for 10/04 to have only LaRC access.
		XTrk	Beta4	7/1/2000	10/31/2005	N	Jan, Jul, and Oct only.
		XTrk	Beta5	4/1/2000	4/30/2005	N	Apr only. Processed at SCF. Not archived.
		XTrk	Beta6	1/1/2001	12/31/2001	N	
	Aqua	XTrk	Beta4	7/1/2002	10/31/2005	N	Jan, Jul, and Oct only. Processed at SCF. Not archived.
		XTrk	Beta6	7/1/2002	10/31/2005	N	Seasonal months only

### Completed Data Sets

(Status verified 2/3/11)

CERES Product	Satellite	Instr.	Production Strategy	Beginning Data Date	Date Through Which Processing is Complete	Further Processing Expected? (Y/N)	Comments
MOA	N/A	N/A	ECMWF-GEOS4	1/1/1998	9/1/2003	N	
		N/A	DAO-GEOS4	12/15/1997	1/1/2008	N	
		N/A	GMAO-G5-Beta2Ed3	1/1/2004	7/31/2006	N	MOA files for Beta2-Ed3 processing. Files produced for all of 2004, 1/06, and 7/06.
		N/A	G5re-CERES	10/1/2007	10/31/2007	N	G5-CERES reprocessed stream
PMOA	N/A	N/A	DAO-GEOS4	12/1/1997	12/31/2007	N	No 1999. Overlap should be included for every month