

CERES Data Management Status

Presented to
CERES Science Team

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CERES Science Data Products

New Data Sets Since May 2003 (Terra)

Data Set	Comments
CER_SSF_Terra-FMx-MODIS_Beta5	<ul style="list-style-type: none"> • Use Terra Edition1A SSF as input • Apply first cut Terra ADMs • Jan'01 – Oct'02 • Not yet publicly available
CER_SSF_Terra-FMx-MODIS_Edition2-QC	<ul style="list-style-type: none"> • Clouds reprocessing for Mar'00 – Feb'03 • No public release until Edition2A • MODIS V004 inputs • First cut Terra ADMs (same as used for Beta5) • Should be available via LaTIS ordering tool next week
CER_CRS_Terra-FMx-MODIS_Beta5	<ul style="list-style-type: none"> • Not publicly released • Beta5 SSFs are input • One year (2001) of crosstrack data
CER_FSW_Terra-FMx-MODIS_Beta5	<ul style="list-style-type: none"> • Not publicly released • Beta5 CRS are input • One year (2001) of crosstrack data
CER_SRBAVG_Terra-FMx-MODIS_Beta2	<ul style="list-style-type: none"> • Not publicly released • One year (2001) of data • Edition1A SSF -> Beta1 SFC are input

CERES Science Data Products

New Data Sets Since May 2003 (Aqua)

Data Set	Comments
CER_BDS_Aqua-FM3_Edition1	<ul style="list-style-type: none">• First validated Aqua data set for FM3• 6/18/02 – present
CER_ES8_Aqua-FMx_Edition1 CER_ES4_Aqua-FMx_Edition1 CER_ES9_Aqua-FMx_Edition1	<ul style="list-style-type: none">• First validated ERBElke Aqua data set• 6/18/02 – present
CER_ES4_FM1+FM2+FM3+FM4_Edition1 CER_ES9_FM1+FM2+FM3+FM4_Edition1	<ul style="list-style-type: none">• First validated combined Terra/Aqua data sets• Jul'02 – Jun'03 available• uses Terra Edition2 and Aqua Edition1 inputs
CER_SFC_Aqua-FM4-MODIS_Beta1	<ul style="list-style-type: none">• 3 months of data available: 9/02, 10/02, 1/03• Beta1 SSFs are input
CER_SRBAVG_Aqua-FM4-MODIS_Beta1	<ul style="list-style-type: none">• Not publicly released• 2 months of data available: 9/02, 10/02

CERES Science Data Products

Data Sets Expected Before Next Science Team Meeting (Part 1)

Data Set	Comments	When?
CER_SYN_TRMM-PFM-VIRS_Beta1 CER_AVG_TRMM-PFM-VIRS_Beta1 CER_ZAVG_TRMM-PFM-VIRS_Beta1	<ul style="list-style-type: none"> • First Synoptic SARB and TISA averaged data sets • Process data months 4/98, 7/98, 8/98 	Expected to start processing in 2004
CER_SSF_Terra-FMx-MODIS_Edition2A	<ul style="list-style-type: none"> • Use Terra Edition2-QC as input • Final Terra ADMs 	Expected to start processing in Dec'03
CER_SFC_Terra-FMx-MODIS_Beta2	<ul style="list-style-type: none"> • Edition2-QC SSF are input 	Expected to start processing in Nov'03
CER_SFC_Terra-FMx-MODIS_Edition2A	<ul style="list-style-type: none"> • Edition2A SSF are input 	Expected to start processing in Dec'03
CER_SRBAVG_Terra-FMx-MODIS_Beta3 CER_SRBAVG_Terra-FMx-MODIS_Beta3E	<ul style="list-style-type: none"> • Every 3rd month for 3 years, starting 3/00 • Beta1 SFC are input • Improved GGEO input •“E” implies ECMWF data used as input in place of GMAO (GEOS4) 	Expected to start processing in Dec'03
CER_SRBAVG_Terra-FMx-MODIS_Beta3B	<ul style="list-style-type: none"> • Two months of data: 3/00 and 6/00 • Beta2 SFC are input • Improved GGEO input • GMAO (GEOS4) used as input 	Expected to start processing in Dec'03
CER_SRBAVG_Terra-FMx-MODIS_Edition2A	<ul style="list-style-type: none"> • Edition2A SFC are input 	Expected to start processing in Jan'04

CERES Science Data Products

Data Sets Expected Before Next Science Team Meeting (Part 2)

Data Set	Comments	When?
CER_CRS_Terra-FMx-MODIS_Edition2A	<ul style="list-style-type: none"> •Edition2A SSF are input •Latest version of SARB algorithms 	Expected to start processing in Jan'04
CER_FSW_Terra-FMx-MODIS_Beta6	<ul style="list-style-type: none"> •Pick up CRS parameters added in Beta5 CRS •Process all 2001 data 	Expected to start processing in Nov'03
CER_FSW_Terra-FMx-MODIS_Edition2A	<ul style="list-style-type: none"> •Use Edition2A CRS as input •Process all 2001 data 	Expected to start processing in Jan'04
CER_SYN_Terra-FMx-MODIS_Beta1 CER_AVG_Terra-FMx-MODIS_Beta1 CER_ZAVG_Terra-FMx-MODIS_Beta1	<ul style="list-style-type: none"> • First Synoptic SARB and TISA averaged data sets for Terra •3 data months 1/01, 4/01, 7/01 	Expected to start processing in Dec'03.
CER_BDS_Aqua-FMx_Edition2	<ul style="list-style-type: none"> • Reprocess Aqua data to remove drifts • 6/18/02 - present 	Expected to start processing in Feb'04
CER_ES8_Aqua-FMx_Edition2 CER_ES4_Aqua-FMx_Edition2 CER_ES9_Aqua-FMx_Edition2	<ul style="list-style-type: none"> • 6/18/02 - present 	Expected to start processing in Feb'04
CER_ES4_FM1+FM2+FM3+FM4_Edition2 CER_ES9_FM1+FM2+FM3+FM4_Edition2	<ul style="list-style-type: none"> • 6/18/02 – present • Terra Edition2 and Aqua Edition2 are input 	Expected to start processing in Feb'04
CER_SSF_Aqua-FMx-MODIS_Beta2	<ul style="list-style-type: none"> • Second cut at Aqua processing • Process 1month of data: 10/02 • Aqua Edition1 IES are input 	Expected to start processing in Dec'03

CERES Science Data Products

Data Sets Expected Before Next Science Team Meeting (Part 3)

Data Set	Comments	When?
CER_SSF_Aqua-FMx-MODIS_Edition1A	<ul style="list-style-type: none">• Process all data months• Aqua Edition2 IES are input• Uses final Terra ADMs	Expected to start processing in Mar'04
CER_SFC_Aqua-FMx-MODIS_Beta2	<ul style="list-style-type: none">• Beta2 SSF are input	Expected to start processing in Dec'03
CER_SFC_Aqua-FMx-MODIS_Beta3	<ul style="list-style-type: none">• Edition1A SSF are input	Expected to start processing in Mar'04
CER_CRS_Aqua-FM4-MODIS_Beta1	<ul style="list-style-type: none">• First Aqua SARB data set• 10/02 only• Aqua Beta2 SSF are input	Expected to start processing in Dec'03
CER_FSW_Aqua-FM4-MODIS_Beta1	<ul style="list-style-type: none">• First Aqua FSW data set• 10/02 only• Aqua Beta1 CRS are input	Expected to start processing in Dec'03

Older CERES Science Data Sets

Still of Interest (Part 1)

Data Set	Comments
CER_BDS_TRMM-PFM_Edition1	<ul style="list-style-type: none"> • TRMM period Jan'98 – Aug'98; Mar'00
CER_BDS_TRMM-PFM_Transient-Ops2	<ul style="list-style-type: none"> • Transient Operations period Jan'99 – Jul'99 • Not publicly released
CER_ES8_TRMM-PFM_Edition2	
CER_ES8_TRMM-PFM_Transient-Ops2	
CER_ES4_TRMM-PFM_Edition2 CER_ES9_TRMM-PFM_Edition2 CER_ES4_PFM+FM1+FM2_Edition2 CER_ES9_PFM+FM1+FM2_Edition2 CER_ES4_PFM+FM1_Edition2 CER_ES9_PFM+FM1_Edition2 CER_ES4_PFM+FM2_Edition2 CER_ES9_PFM+FM2_Edition2	
CER_SSF_TRMM-PFM- VIRS_Edition2B	
CER_SSF_TRMM-PFM- VIRS_Edition2B-TransOps	
CER_SSF_TRMM-SIM- VIRS_Edition2- VIRSonly	<ul style="list-style-type: none"> • Processed only for months when CERES was off • Currently available through Jul'01
CER_SFC_TRMM-PFM- VIRS_Edition2B	
CER_SRBAVG_TRMM-PFM- VIRS_Edition2B	

Older CERES Science Data Sets

Still of Interest (Part 2)

Data Set	Comments
CER_CRS_TRMM-PFM-VIRS_Edition2C	
CER_CRS_TRMM-PFM-VIRS_Edition2C-TransOps	<ul style="list-style-type: none"> • Not publicly released
CER_FSW_TRMM-PFM-VIRS_Edition2C	
CER_BDS_Terra-FMx_Edition2 CER_ES8_Terra-FMx_Edition2 CER_ES4_Terra-FMx_Edition2 CER_ES9_Terra-FMx_Edition2	<ul style="list-style-type: none"> • Terra Edition2 BDS and ERBElke available Mar'00 through Jun'03
CER_ES4_FM1+FM2_Edition2 CER_ES9_FM1+FM2_Edition2	<ul style="list-style-type: none"> • Available Mar'00 through Dec'02 • Production of these data sets halted <ul style="list-style-type: none"> – Replaced by FM1+FM2+FM3+FM4 (Edition1)
CER_SSF_Terra-FMx-MODIS_Edition1A	<ul style="list-style-type: none"> • Available Mar'00 through Oct'02 (except Sep'00 & Oct'00) • V003 MODIS, Edition2 IES data are input • TRMM ADMs
CER_SFC_Terra-FMx-MODIS_Beta1	<ul style="list-style-type: none"> • Available Mar'00 through Oct'02 (except Aug'00 – Oct'00 & Jan'02 – Mar'02) • Edition1A SSFs are input

Science Data Product URLs and Contacts

- Ordering Data
 - http://eosweb.larc.nasa.gov/HBDOCS/langley_web_tool.html
- Contact Points
 - All questions regarding production data products and their use
 - E-mail: larc@eos.nasa.gov
 - Langley ASDC Customer Service
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