

MISR Level 1A CCD, 1B1, 1B2, and Browse Products

Global Mode Data: Terrain/Ellipsoid-Projected Radiance, 1B1 Radiance, CCD Science;

Local Mode Data (Hi-Res Target Scenes): Terrain/Ellipsoid-Projected Radiance, 1B1 Radiance

[Processing Status](#)

ESDT	Product File Name Prefix	Current Quality Designations
M1B2E	MISR_AM1_GRP_ELLIPSOID_GM, MISR_AM1_GRP_ELLIPSOID_QA	<p>Stage 3 Validated: Geometric Parameters, L1A CCD, L1B2 Terrain Radiance (Global/Local), L1B2 Ellipsoid Radiance (Global/Local), L1B1 Radiance</p> <p>MISR maturity level definitions Quality Summary L1 Products</p>
M1B2T	MISR_AM1_GRP_TERRAIN_GM, MISR_AM1_GRP_TERRAIN_QA	
MISBR	MISR_AM1_ELLIPSOID_BR_GM	
MIL1A	MISR_AM1_FM_SCI, MISR_AM1_FM_SCI_QA	
M1B1	MISR_AM1_RP, MISR_AM1_RP_QA	
MIB1LM	MISR_AM1_RP_LM	
MB2LMT	MISR_AM1_GRP_TERRAIN_LM	
MB2LME	MISR_AM1_GRP_ELLIPSOID_LM	

NOTE: The [RCCM](#) now has a separate version page. All of the information pertaining to the RCCM is now located solely on this new page.

Ver. #	Production Start Date	Product Updates	Quality Transition
Current F03_0024	05/13/2005	<p>Data Product Specification Rev M (PDF). (and subsequent revisions)</p> <p>This is the mission-final version of the Level 1 data with updated radiometric calibration. No prior versions of this data should be used.</p> <ol style="list-style-type: none"> All calibration files for the life of the mission have been reprocessed using the best available calibration. Added two additional PGEs in order to improve overall co-registration including removal of the errors introduced by pointing changes in the DA camera. Fixed a bug associated with the orbit to orbit propagation method. 	Stage 3 Validated: GRP_ELLIPSOID, GRP_TERRAIN
F03_0023	11/28/2004	<p>Data Product Specification Rev L (PDF).</p> <p>Removed RCCM algorithm to its own PGE. Rebuilt software on Irix 6.5.2 OS.</p> <p>New ancillary files (Improved Radiometric Calibration):</p> <p>ARP_INFLTCAL_F02_0010</p>	
F03_0022	02/04/2004	<p>Data Product Specification Rev K (PDF).</p> <p>Initiated orbit-to-orbit propagation of navigation corrections for the D-aft camera. Two bugs were fixed in Local Mode processing, involving oceanic island site failures and rare missing bands. The format version was incremented because of an overlooked change to NIR fieldnames in the version 0020 products. A new suite of ARP INFLT_CAL files containing a change to the MISR band-to-band calibration is in use.</p>	
F03_0021	12/08/2003	<p><i>Version F03_0021 was removed from the archive because it contained radiometric errors.</i></p> <p>Do not use!</p>	
F02_0020	09/24/2003	<p>Data Product Specification Rev J (PDF).</p> <p>Not a software Delivery. Config file update. The Orbit Quality flag in the GRP_TERRAIN product now accurately reflects degradations in registration due to spacecraft maneuvers.</p> <p>New ancillary files:</p> <p>GRP_CONFIG_F08_07</p>	
F02_0019	08/13/2003	<p>Data Product Specification Rev J (PDF).</p> <p>Improved DPREP orbit input data used, and orbit quality indicator is now based on DPREP QA. Expanded format of TRP (Transform Parameter) files to support new PGE6 Local Mode L1B2 data processing. Added ProductVersion Attribute to metadata of all products.</p> <p>New ancillary files:</p>	Stage 1 Validated: (LM=Local Mode) GRP_TERRAIN_LM, GRP_ELLIPSOID_LM

		GRP_CONFIG_F08_06 RP_CONFIG_F02_04 FM_SCI_CONFIG_F01_05	
F02_0018	04/02/2003	<p>Data Product Specification Rev I (PDF).</p> <p>Added the Transform Parameters (TRP) diagnostic output with ICC information only. Improved utility of Geometric Data Quality Indicator (GDQI).</p> <p>New ancillary files:</p> <p>GRP_CONFIG_F07_04</p>	
F02_0017	12/27/2002	<p>Data Product Specification Rev G (PDF).</p> <p>Transparent robustness upgrade. GDQI values now more reliable.</p> <p>New ancillary files:</p> <p>GRP_CONFIG_F06_03</p>	
F02_0016	11/12/2002	<p>Data Product Specification Rev G (PDF).</p> <p>L0 data is pre-scanned to remove time errors and gaps. PSF (Point Spread Function Deconvolution) is performed in L1B1 to reduce the effects of scattering in the MISR filters. L1B2 files contain new parameters to support conversions of radiance to BRF. They also contain a new QA flag which warns users when the Terra orbit data is unreliable.</p> <p>New ancillary files:</p> <p>GRP_CONFIG_F05_02 RP_CONFIG_F02_03 ARP_CONFIG_F03_0003 ARP_PRFLTCAL_F02_0005</p>	
F01_0015	10/24/2002	<p>Data Product Specification Rev E (PDF).</p> <p>No software change. The Reference Orbit Imagery (ROI) datasets and the linear, off-axis-corrected Ancillary Radiometric Product are now being used by PGE1 in the production chain.</p> <p>New ancillary files:</p> <p>ROI_F02_02</p>	
F01_0014	07/31/2002	<p>Data Product Specification Rev E (PDF).</p> <p>Robustness fixes, including L1B1 Local Mode sitename and AN data, as well as Band-to-Band transform fix. ROI Image Matching improvements to blunder detection algorithm and to Image Coordinate Correction.</p> <p>New ancillary files:</p> <p>GRP_CONFIG_F04_01</p>	
F01_0013	05/21/2002	<p>Data Product Specification Rev E (PDF).</p> <p>No changes to GMP, Terrain or Ellipsoid products.</p>	
F01_0012	04/15/2002	<p>Data Product Specification Rev E (PDF).</p> <p>Rebuilt against new PGS Toolkit. Makes use of new camera model CGM 0007, which brings most PGE1 products up to the stage 1 validated quality designation.</p> <p>New ancillary files:</p> <p>MISR_AM1_GRP_CONFIG_XCAM_F03_01.ascii MISR_AM1_CGM_F01_0007.ascii</p>	Stage 1 Validated: FM_SCI, RP, GRP_TERRAIN, GRP_ELLIPSOID
F01_0011	02/05/2002	<p>Data Product Specification Rev D (PDF).</p> <p>No changes to Terrain or Ellipsoid products. Geometric parameters are no longer extrapolated at the swath edges.</p>	
F01_0010	12/03/2001	<p>Data Product Specification Rev D (PDF).</p> <p>No changes to GMP, Terrain or Ellipsoid products.</p>	Provisional: RP, GRP_TERRAIN, GRP_ELLIPSOID

F01_0009	09/27/2001	<p>Data Product Specification Rev D (PDF).</p> <p>Added new Ellipsoid Color Browse product (JPEG) and turned off old L1A browse products.</p>	Provisional: FM_SCI
F01_0008	06/14/2001	<p>Data Product Specification Rev D (PDF).</p> <p>Transparent fix to increase PGE robustness to L0 Bit Flip corruption.</p>	
F01_0007	03/30/2001	<p>Metadata/filename fixes including correcting FM_SCI_BR jpeg name and putting Fxx into L1B2 QA filenames. HDF file access efficiency updates. Logic to remove Level 0 data corruption that was causing some portion of the PGE1 nsync failures.</p>	
F01_0006	12/21/2000	<p>Adds LocalGranuleIDs of all inputs to product annotation. Uses new version string scheme. Provides full local mode site name in metadata. Fixed position of Ellipsoid Transform metadata structure. 1st and last block of L1B2 are now filled cleanly.</p> <p>New ancillary files:</p> <p>MISR_AM1_ARP_INFLTCAL_T002_F02_0005.hdf</p>	Beta: all
05	10/02/2000	<p>Increase tolerance to occurrence of bit-flips in Level 0 data stream. Add RangeDateTime group to metadata for Browse and QA files. Remove dependency on IMSL math libraries.</p> <p>New ancillary files:</p> <p>MISR_AM1_CGM_F01_06.ascii (Used for orbits after 2718)</p>	
04	10/02/2000	<p>Same software as version 05, but a different camera model input was used.</p> <p>New ancillary files:</p> <p>MISR_AM1_CGM_F01_05.ascii (Used for orbits 995-2718)</p>	
03	09/01/2000	<p>Repair out-of-sync time discontinuities which were causing occasional registration errors as large as 10 km.</p> <p>New ancillary files:</p> <p>MISR_AM1_CGM_F01_06.ascii (Used for orbits after 2718)</p>	
02	08/15/2000	<p>Same software as version 03, but a different camera model input was used.</p> <p>New ancillary files:</p> <p>MISR_AM1_ARP_INFLTCAL_T002_F01_004.hdf MISR_AM1_CGM_F01_05.ascii (Used for orbits 995-2718)</p>	
Baseline: 01	06/21/2000	<p>Fix handling of out-of-sync packets to increase PGE success rate.</p> <p>New ancillary files:</p> <p>MISR_AM1_ARP_INFLTCAL_T002_F01_003.hdf MISR_AM1_ARP_CONFIG_F01_001.hdf MISR_AM1_ARP_PRFLTCAL_F01_003.hdf MISR_AM1_ARP_PRFLTCHAR_F01_001.hdf MISR_AM1_AGP_Pxxx_F01_24.hdf MISR_AM1_CGM_F01_04.ascii MISR_AM1_PP_Pxxx_cc_22.hdf MISR_AM1_ROI_SUM_Pxxx_cc_F01_01.hdf</p>	Alpha: all