MISR Data Product Specifications

The Data Product Specification (DPS) contains detailed file format descriptions of all of the various MISR data products. The DPS contains information about units, valid ranges, flag value definitions and usage of metadata. Improvements to MISR algorithmic software occasionally result in changes to file formats. While these changes most often take the form of additions, there have been cases in which field names needed to be changed. The DPS revisions contain tables in the front of the document stating which product version numbers are covered. **Please use the Revision which corresponds to the data product version.**

The Science Data Product Guide (PDF) describes a template for MISR science data products. The full details of all the other current MISR standard products, as well as the ancillary datasets used in their generation, can be found in the appropriate MISR Data Products Specification documents.

Data Product Specifications for new data products can be found under New Data Product Content (DPS).

DPS Revision: Rev. S

Software Version: 5.0.9
Date: September 20, 2010, updated April 15, 2011
Affected Portion and Description of Revision: Sections 9 (TASC), 10 (CFbA) and 11 (CMV); updates for V5.0.9 software delivery
Size (PDF): 4.0 Mb

DPS Revision: Rev. R

Software Version: 5.0
Date: November 18, 2008, updated January 21, 2009
Affected Portion and Description of Revision: Sections 2, 6, 9, 10, 11: updates for V5.0 software delivery
Size (PDF): 5.2 Mb

DPS Revision: Rev. Q

Software Version: 4.3
Date: May 28, 2008
Affected Portion and Description of Revision: Updates for V4.3 software delivery
Size (PDF): 5.2 Mb

DPS Revision: Rev. P

Software Version: 4.2
Date: November 29, 2007
Affected Portion and Description of Revision: Sections 2, 6, 7, 8, 10, 11: updates for V4.2 software delivery
Size (PDF): 4.6 Mb

DPS Revision: Rev. O

Software Version: 4.1
Date: October 27, 2006
Affected Portion and Description of Revision: Section 8: updates for V4.1 software delivery
Section 11: addition of MISR Level 3 component NetCDF products
Size (PDF): 4.6 Mb

DPS Revision: Rev. N

Software Version: 4.0
Date: December 1, 2005
Affected Portion and Description of Revision: Sections 7, 10: updates for V4.0 software delivery
Sections 1, 2: update applicable product versions

Size (PDF): 11.1 Mb

DPS Revision: Rev. M

Software Version: 3.3
Date: May 13, 2005
Affected Portion and Description of Revision: Sections 6, 7, 8, 10: updates for V3.3 software delivery
Section 2: update applicable product versions
Size (PDF): 10.4 Mb

DPS Revision: Rev. L

Software Version: 3.2
Date: November 1, 2004
Affected Portion and Description of Revision: Sections 6, 7, 8, 9: updates for V3.2 software delivery
Section 2: update applicable product versions
Size (PDF): 10.2 Mb

DPS Revision: Rev. K

Software Version: 3.1
Date: December 12, 2003
Affected Portion and Description of Revision: Sections 7, 8, 9, 10: updates for V3.1 software delivery
Section 2: update applicable product versions
Size (PDF): 3.4 Mb

DPS Revision: Rev. J

Software Version: 3.0
Date: October 3, 2003
Affected Portion and Description of Revision: Sections 6, 7, 8: updates for V3.0 software delivery
Section 2: update applicable product versions
Size (PDF): 3.3 Mb

DPS Revision: Rev. I

Software Version: 2.2_i10
Date: July 10, 2003
Affected Portion and Description of Revision: Sections 1, 2, 3, 10: initial version of Level 3 for V2.2_i10
Software Delivery
Section 2: update applicable product versions
Size (PDF): 3.2 Mb

DPS Revision: Rev. H

Software Version: 2.2_i6
Date: April 7, 2003
Affected Portion and Description of Revision: Section 8: updates for V2.2_i6 software delivery
Size (PDF): 3.1 Mb

DPS Revision: Rev. G

Software Version: 2.2_i5
Date: April 3, 2003
Affected Portion and Description of Revision: Sections 4, 5, 6, 7, 8, 9: updates for V2.2_i5 software delivery
Size (PDF): 3.1 Mb

DPS Revision: Rev. F

Software Version: 2.2_i2
Date: February 14, 2003
Affected Portion and Description of Revision: Sections 8, 9: updates for V2.2_i2 software delivery
Size (PDF): 3.0 Mb

DPS Revision: Rev. E

Software Version: 2.2
Date: May 31, 2002
Affected Portion and Description of Revision: All: updates for V2.2 software delivery
Size (PDF): 3.0 Mb

DPS Revision: Rev. D

Software Version: 2.1.4
Date: February 5, 2002
Affected Portion and Description of Revision: All: updates for V2.1.4 software delivery
Section 8 change bars are not comprehensive
Geolocation Appendix A added
Size (PDF): 2.9 Mb

DPS Revision: Rev. C

Software Version:
Date: December 14, 1999
Affected Portion and Description of Revision: All: complete update for launch
Size (PDF): 1.7 Mb

DPS Revision: Rev. B

Software Version:
Date: September 31, 1998
Affected Portion and Description of Revision: All: complete update
Size (PDF):

DPS Revision: Rev. B

Software Version:
Date: March 12, 1998
Affected Portion and Description of Revision: Section 8: Aerosol/Surface completely redone
Size (PDF):

DPS Revision: Rev. A

Software Version:
Date: July 21, 1997
Affected Portion and Description of Revision:
Size (PDF): All: original release