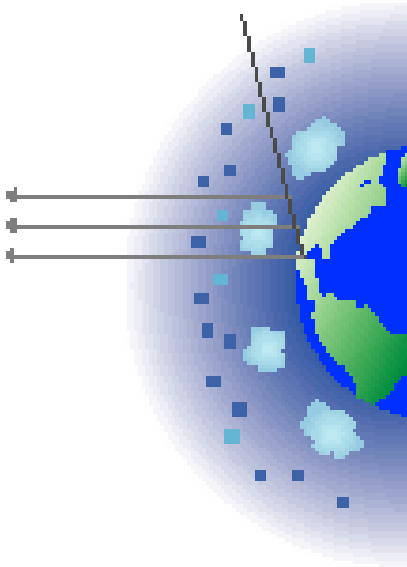


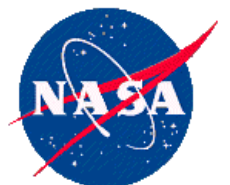


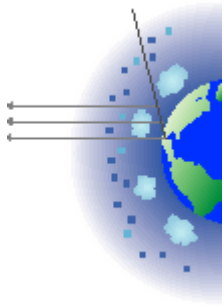
Obtaining MISR Data



Nancy Ritchey
Atmospheric Sciences Data Center

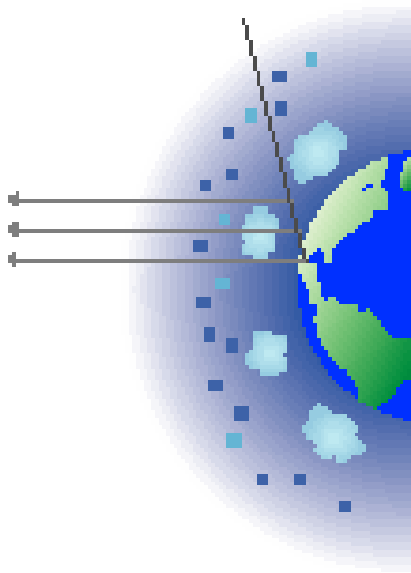
September 19, 2005





Topics

- Obtaining information
- MISR Terminology
- Ordering data
 - Subsetting/Reformatting data
 - Data Pool
 - *Beta* MISR Order Tool
- Imagery
 - Level 3
 - Browse Tool



ATMOSPHERIC SCIENCES DATA CENTER

<http://eosweb.larc.nasa.gov>

larc@eos.nasa.gov

ATMOSPHERIC SCIENCES DATA CENTER

Processing, archiving, and distributing Earth science data at NASA Langley Research Center in the following disciplines:

[Radiation Budget](#) • [Clouds](#) • [Aerosols](#) • [Tropospheric Chemistry](#)

Data & Documentation

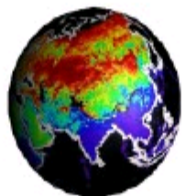
- Access Data by
 - [Description](#)
 - [Discipline](#)
 - [Project](#)
- [Data Pool](#)
- [Order Tools](#)
- [Software Tools](#)
- [Acknowledgments](#)

Navigation and Help

- [Contact/Feedback](#)
- [User Survey](#)
- [FAQs](#)
- [Site Index](#)
- [About ASDC](#)

Data Center Highlights:

- [MISR Workshop: May 22, 2005](#)
- [MISR: Aerosol Climatology](#)
- [CERES: new SSF and SFC data](#)
- [Register for news lists](#)
- **MISR: Featured Imagery**



[Seasonal Changes in
Earth's Surface
Albedo](#)

Imagery

- [Imagery of ASDC Products](#)

Featured EOS Projects

Place cursor over links for details.
(JavaScript enabled browsers)

- [CERES](#)
- [MISR](#)
- [MOPITT](#)
- [SAGE III](#)
- [TES](#)


Other Resources

- [Other Data Centers](#)
- [Educational Resources](#)


**MISR
Imagery**

**Data
Table**

Langley ASDC -- MISR Data Sets



MISR Data Sets

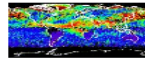


The Multi-angle Imaging SpectroRadiometer (MISR) was successfully launched into sun-synchronous polar orbit aboard Terra, NASA's first Earth Observing System (EOS) spacecraft, on December 18, 1999. MISR measurements are designed to improve our understanding of the Earth's environment and climate.

Viewing the sunlit Earth simultaneously at nine widely-spaced angles, MISR provides radiometrically and geometrically calibrated images in four spectral bands at each of the angles. Spatial sampling of 275 and 1100 meters is provided on a global basis. The MISR FAQ has [more details about the MISR instrument](#). The MISR instrument orbits the Earth about 15 times each day. There are 233 distinct orbits which are repeated every 16 days. These 233 repeating orbits are called paths, and since the paths overlap, near global coverage is obtained in 9 days. The MISR data products are available in HDF-EOS format.

[Available Data Products](#)

Free MISR Workshop: May 22, 2005 before the 2005 Joint Assembly, New Orleans, Louisiana.


Documentation	Processing Information	Data	Tools	Relevant Links
<ul style="list-style-type: none">Frequently Asked QuestionsData Products SpecificationsData Quality StatementsData VersioningProject GuideAlgorithm Theoretical Basis Documents	<p>Production Report:</p> <ul style="list-style-type: none">Level 1Local ModeLevel 2Level 3 DailyLevel 3 Monthly, Quarterly, Yearly <p>Processing Status:</p> <ul style="list-style-type: none">Level 1B2, LM, GeometricLevel 2 ProductsLevel 3 RadianceLevel 3 Aerosol/Land	<p>Special Products:</p> <ul style="list-style-type: none">"Clim-Likely" AerosolsEOS Validation Data <p>Ordering:</p> <ul style="list-style-type: none">Data PoolSearch and Order TipsSubset and ReformatEOS Data Gateway (EDG)	<ul style="list-style-type: none">Orbit/Date ConversionLat/Lon to Path/Block ConversionSoftwareMISR Browse Tool	<ul style="list-style-type: none">Join MISR News ListMISR Home PageImagery & AtlasLevel 3 ImageryAirMISR Data <p>MISR supported experiments:</p> <ul style="list-style-type: none">C-MAREICARTTRICOUAE

Available Data Products

Product	Description
Level 3 Products	Globally gridded statistical summaries (daily, monthly, quarterly, and yearly) of select Level 1 and Level 2 radiances, aerosol, and land/surface parameters.
Level 2 Products	Aerosol, Georectified Land/Surface, and TOA/Cloud Stereo, Albedo and Classifier Products
Level 1 Products	Radiances, Browse, Cloud Mask and Geometric Products
Ancillary Products	Static Ancillary Products

A Portable Document Format (PDF) reader (such as [Adobe Acrobat Reader](#)) is required to open and view the PDF documents after they are downloaded to your system.

[ASDC Home Page](#) | [Access Data](#) | [Questions/Feedback](#)



Responsible NASA Official: Bruce R. Barkstrom, Ph.D.
Site Administration/Help: NASA Langley ASDC User Services (larc@eos.nasa.gov)
[\[Privacy, Security, Notices\]](#)

Processing Information

Documents, Tools, Imagery

Data Products

MISR News

Special Products

MISR Level 3 Data Sets - Netscape

MISR Level 3 Data Sets

ATMOSPHERIC SCIENCES DATA CENTER

MISR Level 3 Products

[MISR Data Table](#) | [Level 1 Products](#) | [Level 2 Products](#) | [Ancillary Products](#)

The MISR Level 3 Products are global maps of select parameters from the Level 2 products reported on a $0.5^\circ \times 0.5^\circ$ geographic grid and associated covariances on a $1^\circ \times 1^\circ$ grid. Parameters from multiple swaths are combined to make complete Level 3 global maps at daily (D), monthly (M), quarterly (Q), and yearly (Y) time scales.



The [MISR Level 3 Imagery](#) provides easy access to images of select parameters within these products.

For convenience in ordering a **specific MISR data product** from the EOS Data Gateway (EDG) or Data Pool, select the appropriate ESDT Shortname in the data table below.

Data Set Name (ESDT Shortname)	Maturity (Definition)	Documents	Production
Component Global Georectified Radiance Product (CGGRP): radiances for each camera and band, associated covariances (EDG: MIL3DRD , MIL3MRD , MIL3QRD , and MIL3YRD) (Data Pool: Radiance Theme)	Stage 1 Validated	<ul style="list-style-type: none"> • Data Products Specification • Quality Summary • Versioning History: <ul style="list-style-type: none"> ◦ Radiance ◦ Aerosol/Land 	Processing Status: <ul style="list-style-type: none"> • Radiance • Aerosol/Land Production Report: <ul style="list-style-type: none"> • Daily • Monthly • Seasonal • Annual
Component Global Land Surface Product (CGLS): average of Directional Hemispheric Reflectance (DHR), DHR Photosynthetically Active Radiation (PAR), Fractional absorbed PAR, Leaf Area Index, Normalized Difference Vegetation Index (EDG: MIL3DLS , MIL3MLS , MIL3OLS , and MIL3YLS) (Data Pool: LandSurface Theme)	Provisional		
Component Global Aerosol Product (CGAS): average aerosol optical depth (EDG: MIL3DAE , MIL3MAE , MIL3QAE , and MIL3YAE) (Data Pool: Aerosol Theme)	Stage 2 Validated		

[MISR Access Data](#) | [ASDC Home Page](#) | [Access Data](#) | [Questions/Feedback](#)

Easy
Ordering

Data
Products

Status

[illegible]

Production Report

MISR Level 2 Production Report

MISR Level 2 Production Report

[Level 1 Report](#) | [Local Mode Report](#) | [Level 3 Daily Report](#) | [Level 3 Monthly, Quarterly and Yearly Report](#)

☐ Orbit Number

Start Orbit #

End Orbit #

May not exceed 200 orbits per search.

☒ Orbit Date

Start Date

End Date

May not exceed 2 weeks per search.

☐ Orbit Path

Start Path Orbit Year

End Path

May not exceed 3 paths per search.

Generate Report

[All Data Products](#) | [Versioning](#) | [Data Loss](#)

Report generated : Thu May 19 14:47:30 2005






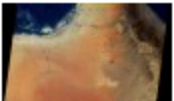

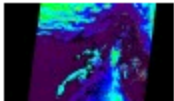
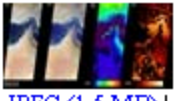





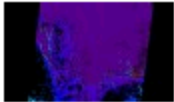

Numbers indicate latest software version for available data product. Example:

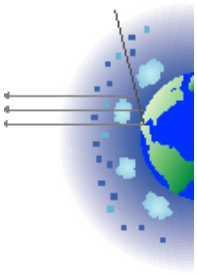
If no products are available a hyphen is used. Example:

***Level 2 products can only be produced when all Level 1 products are available.**

				Available MISR Level 2 Data Products			
Orbit Number	Orbit Path	Start Time (UTC)	Missing Level 1 Products*	TOA/Cloud Stereo (MIL2TCST)	TOA/Cloud Classifiers (MIL2TCCL)	TOA/Cloud Albedo (MIL2TCAL)	Aerosol (MIL2ASAE) Land Surface (MIL2TSLs)
28789	160	May 17 2005 06:19:36	Y	-	-	-	-
28556	160	May 1 2005 06:18:20	N	-	-	-	-
28323	160	Apr 15 2005 06:18:31	N	12	5	7	16
28090	160	Mar 30 2005 06:18:42	N	12	5	7	16
27857	160	Mar 14 2005 06:18:53	N	12	5	7	16
27624	160	Feb 26 2005 06:19:04	N	12	5	7	16
27391	160	Feb 10 2005 06:19:15	N	12	5	7	16
27158	160	Jan 25 2005 06:19:26	N	12	5	7	16
26925	160	Jan 9 2005 06:19:37	N	12	5	7	16

Special Support Products – UAE²

MISR UAE ² Images - Netscape							
 							
MISR UAE ² Images							
Date/Orbit/Path/Site	Standard Orbital Coverage of Region		Local Mode Full Resolution Coverage of Sites		Aerosol Optical Depth 17.6 km (Versions)	Stereo Height 1.1 km	Composite
	Nadir camera 275 m	70° aft camera 1.1 km	Nadir camera 275 m	70° aft camera 275 m			
October 5, 2004 orbit 25527, path 160, Site: UAE_Desert	 JPEG (0.1 MB) TIFF (20.9 MB) Download Data	 JPEG (0.1 MB) TIFF (1.5 MB) Download Data	 JPEG (1.0 MB) TIFF (6.3 MB) Download Data	 JPEG (1.1 MB) TIFF (6.9 MB) Download Data	 JPEG (0.1 MB) TIFF (0.2 MB) Download Data: F07_0015 F08_0016	 JPEG (0.5 MB) TIFF (1.8 MB) Download Data	 JPEG (1.5 MB) TIFF (15.4 MB)
October 3, 2004 orbit 25498, path 162, Site: Qatar	 JPEG (2.7 MB) TIFF (21.1 MB) Download Data	 JPEG (0.2 MB) TIFF (1.5 MB) Download Data	 JPEG (0.9 MB) TIFF (6.3 MB) Download Data	 JPEG (0.8 MB) TIFF (6.9 MB) Download Data	 JPEG (0.1 MB) TIFF (0.1 MB) Download Data: F07_0015 F08_0016	 JPEG (0.4 MB) TIFF (1.8 MB) Download Data	 JPEG (3.7 MB) TIFF (11.3 MB)



MISR Terminology

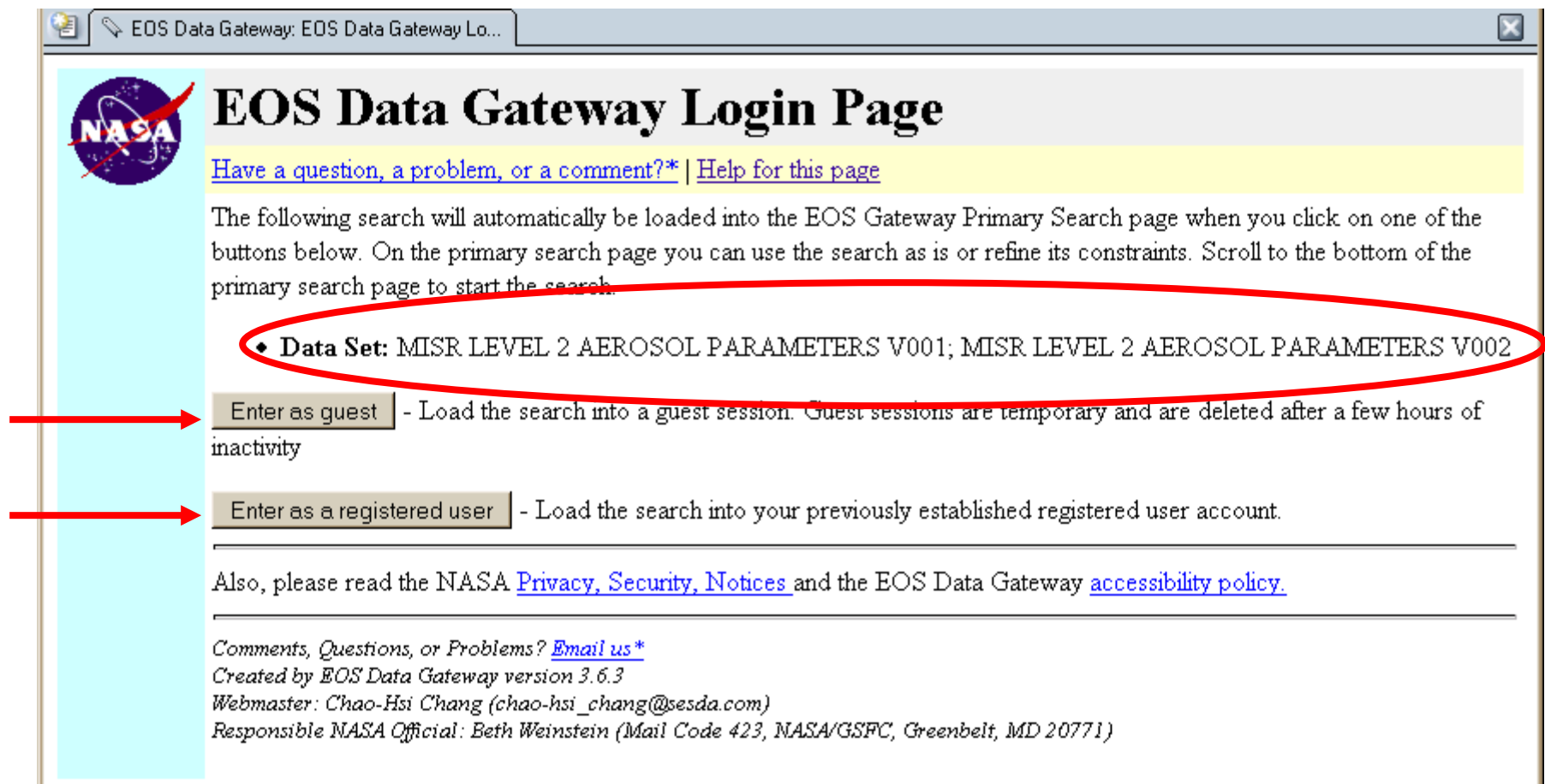
- MISR **orbits** the earth 15 times/day.
- **Orbit** numbers indicate the number of revolutions since launch.
- 233 distinct orbit **paths** repeated every 16 days.
- Each of these 16 days is referred to as a **Data Day**.
- The 233 repeating orbits are called **paths**.
- Each path is divided into 180 **blocks**.
- Paths overlap allowing near global coverage in 9 days.

Ordering MISR Level 2 Aerosol Data

Data Set Name and Description (ESDT Shortname)		Maturity (Definition)	Documents	Production
MISR Level 2 Aerosol Data : aerosol optical depth, aerosol compositional model, ancillary meteorological data, and related parameters on a 17.6 km grid. (EDG: MIL2ASAE); (Data Pool: MIL2ASAE)		Stage 2 Validated	<ul style="list-style-type: none"> • Data Products Specification • Quality Summaries: <ul style="list-style-type: none"> ◦ Aerosol/Surface ◦ TOA/Cloud • Versioning History: <ul style="list-style-type: none"> ◦ Aerosol and Land/Surface ◦ TOA/Cloud Stereo ◦ TOA/Cloud Albedo ◦ TOA/Cloud Classifiers 	Processing Status Production Report
MISR Level 2 Land Surface Data : bihemispherical and directional-hemispherical reflectance (albedo), hemispherical directional and bidirectional reflectance factor (BRF), BRF model parameters, leaf-area index (LAI), fraction of photosynthetically active radiation (FPAR), and normalized difference vegetation index on a 1.1 km grid. (EDG: MIL2ASLS); (Data Pool: MIL2ASLS)		Provisional		
MISR Level 2 TOA/Cloud Stereo Data : stereoscopically-derived cloud mask and cloud height on a 1.1 km grid, and reflecting level reference altitude on a 2.2 km grid. Cloud motion parameters are calculated on a 70.4 km grid. (EDG: MIL2TCST); (Data Pool: MIL2TCST)		Stage 1 Validated		
MISR Level 2 TOA/Cloud Albedo Data : Local, Restrictive, and Expansive Albedo values and statistics. (EDG: MIL2TCAL)		Provisional		
MISR Level 2 TOA/Cloud Classifiers : altitude-binned cloud classifications and angular cloud fractions. (EDG: MIL2TCCL); (Data Pool: MIL2TCCL)		Stage 1 Validated		

[MISR Access Data](#) | [ASDC Home Page](#) | [Access Data](#) | [Questions/Feedback](#)

Ordering MISR Data via EDG



The screenshot shows the EOS Data Gateway Login Page. A red oval highlights the 'Data Set' field, which contains the text 'MISR LEVEL 2 AEROSOL PARAMETERS V001; MISR LEVEL 2 AEROSOL PARAMETERS V002'. Two red arrows point to the 'Enter as guest' and 'Enter as a registered user' buttons. The page includes a NASA logo, a title bar, and various links and contact information.

EOS Data Gateway: EOS Data Gateway Lo...

EOS Data Gateway Login Page

[Have a question, a problem, or a comment?*](#) | [Help for this page](#)

The following search will automatically be loaded into the EOS Gateway Primary Search page when you click on one of the buttons below. On the primary search page you can use the search as is or refine its constraints. Scroll to the bottom of the primary search page to start the search.

- ♦ **Data Set:** MISR LEVEL 2 AEROSOL PARAMETERS V001; MISR LEVEL 2 AEROSOL PARAMETERS V002


Enter as guest - Load the search into a guest session. Guest sessions are temporary and are deleted after a few hours of inactivity

Enter as a registered user - Load the search into your previously established registered user account.

Also, please read the NASA [Privacy, Security, Notices](#) and the EOS Data Gateway [accessibility policy](#).

Comments, Questions, or Problems? [Email us*](#)
Created by EOS Data Gateway version 3.6.3
Webmaster: Chao-Hsi Chang (chao-hsi_chang@sesda.com)
Responsible NASA Official: Beth Weinstein (Mail Code 423, NASA/GSFC, Greenbelt, MD 20771)

Select MISR Path



[Skip navigator \(text browsers\)](#)
Starred links open new windows

User Name
guest

Search and Order

- [User Preferences](#)
- > [Search Creation](#)
- [Search Status](#)
- [Results: Data Set](#)
- [Results: Granule](#)
- [My Folder](#)
- [Shopping Cart](#)
- [Exit to Home](#)

Search types

- > [Data Search](#)
- [Detailed Document](#)
- [Summary Document](#)
- [AIRS Browse](#)

Help

EOS Data Gateway: Primary Data Search

Search Creation:
Primary Data Search

[Have a question, a problem, or a comment?*](#) | [Help for this page](#)

[Save/Restore search](#) | [Clear search](#)

Choose Keywords for One or More Categories

Text Search: [Help](#)

Data Set

<input type="button" value="Edit"/>	<input type="button" value="Delete"/>	MISR LEVEL 2 AEROSOL PARAMETERS V001	<input type="button" value="▲"/>
		MISR LEVEL 2 AEROSOL PARAMETERS V002	<input type="button" value="▼"/>

Select a category, then click the "Choose Keywords for >>" button.


- COLLECTION DETAILS
- GRANULE DETAILS
- ORBIT
- POINTER
- PRODUCT GENERATION ALGORITHM
- QUALITY
- SPATIAL
- TEMPORAL

☐ By Discipline ☒ By Categories/Attributes

Choose a Data Search Type

☒ Primary Data Search ☐ Data Granule ID Search ☐ Local Granule ID Search

EOS Data Gateway: Select: SPATIAL



[Skip navigator \(text browsers\)](#)
Starred links open new windows

User Name
guest

Search and Order

[User Preferences](#)
>[Search Creation](#)
[Search Status](#)
[Results: Data Set](#)
[Results: Granule](#)
[My Folder](#)
[Shopping Cart](#)
[Exit to Home](#)

Search types

>[Data Search](#)
[Detailed Document](#)
[Summary Document](#)
[AIRS Browse](#)

Help

[Tutorial](#)
[FAQ](#)
[User Manual](#)
[User Support Contacts*](#)
[Check Order Status](#)
[Other EDG Sites](#)
[HDF Viewing Tools](#)


Ask a Question
Report a problem
[Comment form*](#)

Search Form: Primary Data Search: Select: SPATIAL

[Have a question, a problem, or a comment?*](#) | [Help for this page](#)

ExclusionGRingFlag: Flag which determines if the coordinates represent the Outer or Exclusion G-Ring. Directions: Select a single value.	Choose one...
GPolygon: The polygon area coverage for ECS granules. Directions: Enter four latitude/longitude corner points with latitudes [-90 south to 90 north] and longitudes [-180 west to 180 east]. Format as either DD.DDDD or DD-MM-SS.	Upper Left CornerLat: <input type="text"/> Lon: <input type="text"/> Upper Right CornerLat: <input type="text"/> Lon: <input type="text"/> Lower Right CornerLat: <input type="text"/> Lon: <input type="text"/> Lower Left CornerLat: <input type="text"/> Lon: <input type="text"/>
GRingPointLatitude: The geodetic latitude of a point of the G-ring. GRingPointLatitude is mandatory if GRingPoint class is applicable. Directions: Enter a range of FLOAT(s), from -90.0 to 90.0. Supplying only one value causes the other to default to the min/max.	<input type="text"/> min to <input type="text"/> max
GRingPointLongitude: The longitude of a point of the G-Ring. GRingPointLongitude is mandatory if GRingPoint class is applicable. Directions: Enter a range of FLOAT(s), from -180.0 to 180.0. Supplying only one value causes the other to default to the min/max.	<input type="text"/> min to <input type="text"/> max
GRingPointSequenceNo: Value denotes the numerical sequence position of a G-Ring point. GRingPointSequenceNo is mandatory if GRingPoint class is applicable. Directions: Enter a range of INTEGER(s), from 1 to 2000. Supplying only one value causes the other to default to the min/max.	<input type="text"/> min to <input type="text"/> max
NoSpatial: Select Y if you want to search for collections that don't have any spatial information associated with them. Directions: Select a single value.	Choose one...
SP_AM_PATH_NO: Number in the range 1-233 represents path number within EOS repeat cycle. Directions: Enter a range of INTEGER(s), from 1 to 233. Supplying only one value causes the other to default to the min/max.	<input type="text"/> min to <input type="text"/> max

OK | Cancel | Reset defaults | Clear form

 **Optional:** Normally when you're done with this screen (e.g., by clicking OK, Cancel, or Return), you'd go back to the main search form. However, you can use this menu to change your destination.
Go to when I'm done with this screen.

Enter Path
Numbers and
Click OK!

Note Path Numbers

Do Not Choose search area

Specify Dates

Limit # of files

Start Search

EOS Data Gateway: Primary Data Search - Netscape

[Skip navigator \(text browsers\)](#) | [Save/Restore search](#) | [Clear search](#)

Starred links open new windows

User Name: guest

Search and Order

- [User Preferences](#)
- [Search Creation](#)
- [Search Status](#)
- [Results: Granule](#)
- [My Folder](#)
- [Shopping Cart](#)
- [Exit to Home](#)

Search types

- [Data Search](#)
- [Detailed Document](#)
- [Summary Document](#)
- [AIRS Browse](#)

Help

- [Tutorial](#)
- [FAQ](#)
- [User Manual](#)
- [User Support Contacts*](#)
- [Check Order Status](#)
- [Other EDG Sites](#)
- [HDF Viewing Tools](#)

Ask a Question
Report a problem
[Comment form*](#)

Choose Keywords for One or More Categories

Text Search: [Help](#)

Data Set:

Spatial:

Select a category, then click the "Choose Keywords for >>" button.

☐ By Discipline ☒ By Categories/Attributes

Choose a Data Search Type

☒ Primary Data Search ☐ Data Granule ID Search ☐ Local Granule ID Search

Choose Search Area

[Find location using Gazetteer*](#)

Enter a range of latitudes and longitudes to specify your search region. Formats: degree or degree:minute or degree:minute:second.

Northern latitude:
Western longitude: Eastern longitude:
Southern latitude:

☐ Orthographic (Java) ☐ Stereographic S-pole ☒ Type in Lat/Lon Range
☐ Equatorial ☐ Stereographic N-pole ☐ Type in Path/Row Range
☐ Global Search ☐ Global granules only ☐ Type in Lat/Lon Point

Choose a Date/Time Range (not required)

Date format: YYYY-MM-DD (1967-05-25) or MM/DD/YYYY (05/25/1967)
Time format: HH:MM (14:30) or HH:MM:SS (14:30:01)

You may also enter a date without a time, a start date only, or an end date only. Use the help link for information on default values.

Start Date: Time (UTC):
End Date: Time (UTC):

Choose Additional Options (not required)

Maximum of [data granules](#) per data set (Range: 1 - 1000).

- ☐ Only return data granules which have [browse](#) products.
- ☐ Allow searches to run for a maximum of minute(s).
- ☐ Only return data granules which were retrieved during the .
- Name this query:


(will be used in creating a file name when saving the query.)

Select Data Files

Add to
Cart

EOS Data Gateway: Listing - Netscape

EOS Data Gateway: Listing



[Skip navigator \(text browsers\)](#)
Starred links open new windows

User Name
guest

Search and Order

- [User Preferences](#)
- [Search Creation](#)
- [Search Status](#)
- [Results: Data Set](#)
- > [Results: Granule](#)
- [My Folder](#)
- [Shopping Cart](#)
- [Exit to Home](#)

Search types

- > [Data Search](#)
- [Detailed Document](#)
- [Summary Document](#)
- [AIRS Browse](#)

Help

- [Tutorial](#)
- [FAQ](#)
- [User Manual](#)

Results: Granule:
Listing

[Have a question, a problem, or a comment?*](#) | [Help for this page](#)

You are automatically being shown the Granule list since there was only one data set returned.

[Customize this table](#) - add additional information, change columns/number of rows, sort order, etc.
[Text-only version*](#) - for printing or import into a spread sheet.

Select	Data Granule ID (Local Granule ID)	Granule Information	On-line Access	Image Quicklook	Request Sample	Star
<input type="checkbox"/>	SC:MIL2ASAE.002:10777870 (MISR_AM1_AS_AEROSOL_P160_O028323_F08_0016.hdf)	Attributes Pricing	Data* Metadata* Browse*	Image	Sample Unavailable	15 A 200 06:3


Also, please read the NASA [Privacy, Security, Notices](#) and the EOS Data Gateway [accessibility policy](#).

Comments, Questions, or Problems? [Email us*](#)
Created by EOS Data Gateway version 3.6.3
Webmaster: Chao-Hsi Chang (chao-hsi_chang@sesda.com)
Responsible NASA Official: Beth Weinstein (Mail Code 423, NASA/GSFC, Greenbelt, MD 20771)

Accept Quality Summary

EOS Data Gateway: Data Quality Summary: - Netscape

EOS Data Gateway: Data Quality Summary:

 Shopping Cart:

Data Quality Summary:

[Have a question, a problem, or a comment?*](#) | [Help for this page](#)

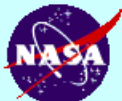
MISR LEVEL 2 AEROSOL PARAMETERS V002 :

Please check on the following URL to read the latest Product Quality Statement associated with this data:
[Quality Summaries](#)

Also, please read the NASA [Privacy, Security, Notices](#) and the EOS Data Gateway [accessibility policy](#).

Comments, Questions, or Problems? [Email us*](#)
Created by EOS Data Gateway version 3.6.1
Webmaster: Chao-Hsi Chang (chao-hsi_chang@sesda.com)
Responsible NASA Official: Medora Macie (Mail Code 423, NASA/GSFC, Greenbelt, MD 20771)

Step 1: Choose Order Options



[Skip navigator \(text browsers\)](#)
Starred links open new windows

User Name
guest

Search and Order

- [User Preferences](#)
- [Search Creation](#)
- [Search Status](#)
- [Results: Data Set](#)
- [Results: Granule](#)
- [My Folder](#)
- > [Shopping Cart](#)
- [Exit to Home](#)

Search types

- > [Data Search](#)
- [Detailed Document](#)
- [Summary Document](#)
- [AIRS Browse](#)

Help

- [Tutorial](#)
- [FAQ](#)

Shopping Cart:

Step 1: Choose Ordering Options

[Have a question, a problem, or a comment?*](#) | [Help for this page](#)

1 item in your shopping cart, 0 items ready to be ordered.

Before you can go to **Step 2: Order Form** you must choose ordering options using the **Choose Options** link next to each item that needs it.

Customize Order Options to set order options automatically for future orders from this guest session or your registered user account.

[Empty Entire Shopping Cart](#)

Please do not enter credit card or other payment information on this web site. If there are charges associated with your order, an email will you with payment information, if applicable.

Order Options	Subsetting	Data Granule ID (Local Granule ID)	Size (MB)	Start Date	Stop Date
Choose Options	Available	SC:MIL2ASAE.002:10777870 (MISR_AM1_AS_AEROSOL_P160_O028323_F08_0016.hdf)	51.129800	15 Apr 2005, 06:38:10	15 Apr 2005, 07:34:57


Also, please read the NASA [Privacy, Security, Notices](#) and the EOS Data Gateway [accessibility policy](#).

Comments, Questions, or Problems? [Email us*](#)
Created by EOS Data Gateway version 3.6.3
Webmaster: Chao-Hsi Chang (chao-hsi_chang@sesda.com)
Responsible NASA Official: Beth Weinstein (Mail Code 423, NASA/GSFC, Greenbelt, MD 20771)

Step 1: Choose Order Option

EOS Data Gateway: Choose Ordering Options - Netscape

EOS Data Gateway: Choose Ordering Options



[Skip navigator \(text browsers\)](#)
Starred links open new windows

User Name
guest

Search and Order

- [User Preferences](#)
- [Search Creation](#)
- [Search Status](#)
- [Results: Data Set](#)
- [Results: Granule](#)
- [My Folder](#)
- > [Shopping Cart](#)
- [Exit to Home](#)

Search types

- > [Data Search](#)
- [Detailed Document](#)
- [Summary Document](#)
- [AIRS Browse](#)

Help

- [Tutorial](#)
- [FAQ](#)
- [User Manual](#)

Shopping Cart:

Choose Ordering Options

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MISR LEVEL 2 AEROSOL PARAMETERS V002
Data Granule ID: SC:MIL2ASAE.002:10777870

The ordering options are:

Option 1	MISR Level 2 Aerosol parameters V002. Media Types : 8MM, CDROM, DLT, FtpPull, DVD
Option 2	MISR Level 2 Aerosol parameters V002. Media Types : FtpPush
Option 3	MISR Level 2 Aerosol parameters V002. Media Types : scp

Also, please read the NASA [Privacy, Security, Notices](#) and the EOS Data Gateway [accessibility policy](#).

Comments, Questions, or Problems? [Email us*](#)
Created by EOS Data Gateway version 3.6.3
Webmaster: Chao-Hsi Chang (chao-hsi_chang@sesda.com)
Responsible NASA Official: Beth Weinstein (Mail Code 423, NASA/GSFC, Greenbelt, MD 20771)

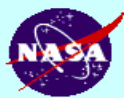
Order Option 1

Use for Subsets or Reformats

Native
Granule
FtpPull, CD,
DVD, DLT,8mm

Submit
Order

EOS Data Gateway: Choose Ordering Options



[Skip navigator \(text browsers\)](#)
Starred links open new windows

User Name
guest

Search and Order

- [User Preferences](#)
- [Search Creation](#)
- [Search Status](#)
- [Results: Data Set](#)
- [Results: Granule](#)
- [My Folder](#)
- > [Shopping Cart](#)
- [Exit to Home](#)

Search types

- > [Data Search](#)
- [Detailed Document](#)
- [Summary Document](#)
- [AIRS Browse](#)

Help

- [Tutorial](#)
- [FAQ](#)
- [User Manual](#)
- [User Support Contacts*](#)
- [Check Order Status](#)
- [Other EDG Sites](#)
- [HDF Viewing Tools](#)

Ask a Question
Report a problem

[Comment form*](#)

Shopping Cart:

Choose Ordering Options

[Have a question, a problem, or a comment?*](#) | [Help for this page](#)

MISR LEVEL 2 AEROSOL PARAMETERS V002
Data Granule ID: SC:MIL2ASAE.002:10777870

Ordering Option 1:
MISR Level 2 Aerosol parameters V002. Media Types : 8MM, CDROM, DLT, FtpPull, DVD

(Contains just this data granule.)

Additional Info:

Select One	Data Format	Media type	Media format	Package Size	Cost (US\$)
<input type="radio"/>	Native Granule	8MM	TARFORMAT	Unknown	\$0.00
<input type="radio"/>	Native Granule	CDROM	RockRidge	Unknown	\$0.00
<input type="radio"/>	Native Granule	DLT	TARFORMAT	Unknown	\$0.00
<input checked="" type="radio"/>	Native Granule	FtpPull	FILEFORMAT	Unknown	\$0.00
<input type="radio"/>	Native Granule	DVD	RockRidge	Unknown	\$0.00
<input type="radio"/>	Ancillary Data	8MM	TARFORMAT	Unknown	\$0.00
<input type="radio"/>	Ancillary Data	CDROM	RockRidge	Unknown	\$0.00
<input type="radio"/>	Ancillary Data	DLT	TARFORMAT	Unknown	\$0.00
<input type="radio"/>	Ancillary Data	FtpPull	FILEFORMAT	Unknown	\$0.00
<input type="radio"/>	Ancillary Data	DVD	RockRidge	Unknown	\$0.00
<input type="radio"/>	Production History	8MM	TARFORMAT	Unknown	\$0.00
<input type="radio"/>	Production History	CDROM	RockRidge	Unknown	\$0.00
<input type="radio"/>	Production History	DLT	TARFORMAT	Unknown	\$0.00
<input type="radio"/>	Production History	FtpPull	FILEFORMAT	Unknown	\$0.00
<input type="radio"/>	Production History	DVD	RockRidge	Unknown	\$0.00

☒ I want no items from this option.

☒ I want these ordering options for *every* data granule that applies in data set MISR LEVEL 2 AEROSOL PARAMETERS V002 in the shopping cart.

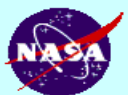
☐ I want these ordering options *only* for data granule SC:MIL2ASAE.002:10777870.

Order Option 2 FTP Push

Native
Granule
FtpPush

FtpPush
Delivery
Information

Submit
Order



[Skip navigator \(text browsers\)](#)

Starred links open new
windows

User Name

guest

Search and Order

[User Preferences](#)

[Search Creation](#)

[Search Status](#)

[Results: Data Set](#)

[Results: Granule](#)

[My Folder](#)

> [Shopping Cart](#)

[Exit to Home](#)

Search types

> [Data Search](#)

[Detailed Document](#)

[Summary Document](#)

[AIRS Browse](#)

Help

[Tutorial](#)

[FAQ](#)

[User Manual](#)

[User Support Contacts*](#)

[Check Order Status](#)

[Other EDG Sites](#)

[HDF Viewing Tools](#)

Ask a Question

Report a problem

[Comment form*](#)

Shopping Cart:

Choose Ordering Options

[Have a question, a problem, or a comment?*](#) | [Help for this page](#)

MISR LEVEL 2 AEROSOL PARAMETERS V002

Data Granule ID: SC:MIL2ASAE.002:10777870

Ordering Option 2:
MISR Level 2 Aerosol parameters
V002. Media Types : FtpPush

(Contains just this
data granule.)

Additional Info:

Select One	Data Format	Media type	Media format	Package Size	Cost (US\$)
<input checked="" type="radio"/>	Native Granule	FtpPush	FILEFORMAT	Unknown	\$0.00
<input type="radio"/>	Ancillary Data	FtpPush	FILEFORMAT	Unknown	\$0.00
<input type="radio"/>	Production History	FtpPush	FILEFORMAT	Unknown	\$0.00
<input checked="" type="radio"/> I want no items from this option.					



Mandatory: If you selected any of the items in ordering options 2 (above), you must give values for any required Options below. You can also give values for the other options, if you desire.

Apply the following processing options to the data: (for Ordering Options 2)

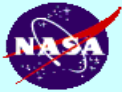
FTPHOST: (required) Host Name. Directions: Enter a string of up to 64 characters.	<input type="text"/>
FTPPASSWORD: (required) User Password. Directions: Enter a string of up to 20 characters.	<input type="text"/>
FTPPUSHDEST: (required) Destination Directory. Directions: Enter a string of up to 256 characters.	<input type="text"/>
FTPUSER: (required) User Name. Directions: Enter a string of up to 20 characters.	<input type="text"/>
USERSTRING: Fill in label here. Directions: Enter a string of up to 240 characters.	<input type="text"/>

- ☒ I want these ordering options for *every* data granule that applies in data set MISR LEVEL 2 AEROSOL PARAMETERS V002 in the shopping cart.
- ☐ I want these ordering options *only* for data granule SC:MIL2ASAE.002:10777870.

Order Option 3

Secure Copy

EOS Data Gateway: Choose Ordering Options



[Skip navigator \(text browsers\)](#)
Starred links open new windows

User Name
guest

Search and Order

[User Preferences](#)
[Search Creation](#)
[Search Status](#)
[Results: Data Set](#)
[Results: Granule](#)
[My Folder](#)
> [Shopping Cart](#)
[Exit to Home](#)

Search types

> [Data Search](#)
[Detailed Document](#)
[Summary Document](#)
[AIRS Browse](#)

Help

[Tutorial](#)
[FAQ](#)
[User Manual](#)
[User Support Contacts*](#)
[Check Order Status](#)
[Other EDG Sites](#)
[HDF Viewing Tools](#)

Ask a Question
Report a problem
[Comment form*](#)

Shopping Cart:

Choose Ordering Options

[Have a question, a problem, or a comment?*](#) | [Help for this page](#)

MISR LEVEL 2 AEROSOL PARAMETERS V002

Data Granule ID: SC:MIL2ASAE.002:10777870

Ordering Option 3:

MISR Level 2 Aerosol parameters V002. Media Types : scp

(Contains just this data granule.)

Additional Info:

Select One	Data Format	Media type	Media format	Package Size	Cost (US\$)
<input checked="" type="radio"/>	Native Granule	scp	FILEFORMAT	Unknown	\$0.00
<input type="radio"/>	Ancillary Data	scp	FILEFORMAT	Unknown	\$0.00
<input type="radio"/>	Production History	scp	FILEFORMAT	Unknown	\$0.00

☒ I want no items from this option.

Mandatory: If you selected any of the items in ordering options 3 (above), you must give values for any required Options below. You can also give values for the other options, if you desire.

Apply the following processing options to the data: (for Ordering Options 3)

FTPHOST: (required) Host Name. Directions: Enter a string of up to 64 characters.	<input type="text"/>
FTPPASSWORD: (required) User Password. Directions: Enter a string of up to 20 characters.	<input type="text"/>
FTPPUSHDEST: (required) Destination Directory. Directions: Enter a string of up to 256 characters.	<input type="text"/>
FTPUSER: (required) User Name. Directions: Enter a string of up to 20 characters.	<input type="text"/>
USERSTRING: Fill in label here. Directions: Enter a string of up to 240 characters.	<input type="text"/>

☒ I want these ordering options for *every* data granule that applies in data set MISR LEVEL 2 AEROSOL PARAMETERS V002 in the shopping cart.

☐ I want these ordering options *only* for data granule SC:MIL2ASAE.002:10777870.

Native
Granule
scp

scp
Delivery
Information

Submit
Order

Confirm Order Option

EOS Data Gateway: Step 1: Choose Orderin...

Shopping Cart:

Step 1: Choose Ordering Options

[Have a question, a problem, or a comment?*](#) | [Help for this page](#)

1 item in your shopping cart, 1 item is ready to be ordered.

Customize Order Options to set order options automatically for future orders from this guest session or your registered user account.

[Go to Step 2: Order Form](#)

[Empty Entire Shopping Cart](#)

Order Options	Subsetting	Data Granule ID (Local Granule ID)	Size (MB)	Start Date	Stop Date	Delete
FtpPull Change	Available	SC:MIL2ASAE.002:10777870 (MISR_AM1_AS_AEROSOL_P160_O028323_F08_0016.hdf)	51.129800	15 Apr 2005, 06:38:10	15 Apr 2005, 07:34:57	<input type="checkbox"/>

Also, please read the NASA [Privacy, Security, Notices](#) and the EOS Data Gateway [accessibility policy](#).

Comments, Questions, or Problems? [Email us*](#)

Created by EOS Data Gateway version 3.6.3

Webmaster: Chao-Hsi Chang (chao-hsi_chang@sesda.com)

Responsible NASA Official: Beth Weinstein (Mail Code 423, NASA/GSFC, Greenbelt, MD 20771)

Step 2: Order Form

Complete all
information in
bold.

Submit



EOS Data Gateway: Step 2: Order Form - Netscape

Shopping Cart:
Step 2: Order Form
[Have a question, a problem, or a comment?*](#) | [Help for this page](#)

Please fill out your **Contact, Shipping, and Billing** information below. You can then review your entire order or immediately submit your order.

Your Contact Address:

Title: (none) First Name: (required) Initial: Last Name: (required)
Organization: Internet E-Mail Address: (required)
Street Address: (required)
City: (required)
Select State (US only): (required) Or Enter State/Province:
Select Country: (required) Or Enter Country:
Zip/Postal Code: Telephone: (required) Fax:
Shipping Address: Same as contact address (above)
Billing Address: Same as contact address (above)
[Change Shipping/Billing Address](#)

Your Affiliation:
Type: (required) Category: (required)
ASF Data Access Key: NASDA Data Access Key:
Empty shopping cart if no errors after order has been submitted.
[Go to Step 3: Review Order Summary Before Submitting Order](#)
OR
[Submit Order Now!](#)

Optional: Retrieve or Update User Profile...
You may want to retrieve your profile to restore it to its original state after you have made changes. You may want to update your profile if you want to make the changes on this page permanent.
User Name: Password:
[Retrieve User Profile](#) Press this button to retrieve your user profile. You must enter your User Name and Password to access your user profile.
[Update User Profile](#) Press this button to update your user profile. You must enter your User Name and Password to access your user profile.

Save user preferences to a file...
[Save Prefs](#) You can save your user preferences to your local machine. Click on the button at the left.

Restore user preferences from a file ...
This may useful if the profile retrieved from EOS is not the order profile you want for the current order.
Enter the name of an EOS Data Gateway user preferences file to restore.
[Browse...](#)
Restore this file to the EOS Data Gateway now!

Order Confirmation


Request ID

Order ID

Contact
for help

EOS Data Gateway: Order Submitted - Netscape

EOS Data Gateway: Order Submitted



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Starred links open new windows

User Name
guest

Search and Order
[User Preferences](#)
[Search Creation](#)
[Search Status](#)
[Results: Data Set](#)
[Results: Granule](#)
[My Folder](#)
> [Shopping Cart](#)
[Exit to Home](#)

Search types
> [Data Search](#)
[Detailed Document](#)
[Summary Document](#)
[AIRS Browse](#)

Help
[Tutorial](#)
[FAQ](#)
[User Manual](#)
[User Support Contacts*](#)
[Check Order Status](#)
[Other EDG Sites](#)
[HDF Viewing Tools](#)

Ask a Question
Report a problem
[Comment form*](#)

Shopping Cart:
Order Submitted

[Have a question, a problem, or a comment?*](#) | [Help for this page](#)

Your order has been submitted to the appropriate data centers, and a copy of the [shipping receipt](#) has been emailed to the account n.a.ritche@larc.nasa.gov.

NOTE: If you are ordering HDF and/or HDF-EOS formatted data (e.g. ASTER, MODIS, MISR, MOPITT, CERES), you may need HDF and HDF-EOS tools to read, view and manipulate the data. Please see NASA's [Viewing HDF and HDF-EOS files](#) page for more information.

Data Center: LARC-ECS
Status/Comments:
Order Received / Thank you for your order. An email notification will be sent when order processing has been completed. Order processing typically takes several hours to several days. Large orders may take longer. Tape, CD-R, and DVD-R orders will be shipped on the next business day after processing has been completed. Shipping time is typically 3 to 14 business days depending on your location.

Item: SC:MIL2ASAE.002:6566174
Status: Success, Successful query, query results returned
Data Center Request ID: 0600024891

Order ID Number: 0600024841
Contact name: Science User and Data Services
Organization: NASA Langley DAAC
Phone: 757-864-8656
Fax: 757-864-8807
Email: larc@eos.nasa.gov

If your order status shows "failed", please contact the data center immediately.

Also, please read the NASA [Privacy, Security, Notices](#) and the EOS Data Gateway [accessibility policy](#).

Comments, Questions, or Problems? [Email us*](#)
Created by EOS Data Gateway version 3.6.1
Webmaster: Chao-Hsi Chang (chao-hsi_chang@sesda.com)
Responsible NASA Official: Medora Macie (Mail Code 423, NASA/GSFC, Greenbelt, MD 20771)

E-mail Receipt

Date: Mon, 10 May 2004 15:55:10 -0400 (EDT)
From: help@eosdata.gsfc.nasa.gov
Subject: EOS Data Gateway product request
To: n.a.ritchey@larc.nasa.gov

This is a system generated email. Please do not reply to it. Contact the appropriate Data Center User Services for correspondence.

This is your order receipt. After your request was submitted, the following responses were returned from the various data centers:

DATA CENTER: LARC-ECS
STATUS/COMMENTS:

Order Received / Thank you for your order. An email notification will be sent when order processing has been completed. Order processing typically takes several hours to several days. Large orders may take longer. Tape, CD-R, and DVD orders will be shipped on the next business day after processing has been completed. Shipping time is typically 3 to 14 business days depending on your location.

Item: SC:MIL2ASAE.002:6566174
Data Center Request ID: 0600024891
Status: Success, Successful query; query results returned

CONTACT POINTS:
Order ID Number: 0600024841
Science User and Data Services / NASA Langley DAAC

Hampton, VA, USA, 23681-2199
Phone: 757-864-8656 / Fax: 757-864-8807
Email: larc@eos.nasa.gov

YOUR ORDER SUMMARY

USER ADDRESS

Name: nancy ritchey
Organization: asdc
Email: n.a.ritchey@larc.nasa.gov
Address: asdc
hampton VA 23681 UNITED STATES
49813
Phone: 49813
Affiliation: USA / GOVERNMENT

SHIPPING ADDRESS

Name: nancy ritchey
Organization: asdc
Email: n.a.ritchey@larc.nasa.gov
Address: asdc
hampton VA 23681 UNITED STATES
49813
Phone: 49813

BILLING ADDRESS

Name: nancy ritchey
Organization: asdc
Email: n.a.ritchey@larc.nasa.gov
Address: asdc
hampton VA 23681 UNITED STATES
49813

Ordered by: STANDARD MEANS (IMS PRODUCT REQUEST)
Data center: LARC-ECS

Item 001 Data granule: SC:MIL2ASAE.002:6566174
Local Granule ID: MISR_AM1_AS_AEROSOL_P160_0021566_F07_0015.hdf
Data set: MISR LEVEL 2 AEROSOL PARAMETERS V002
Cost: US \$0.00
Format/Media: Native Granule: FtpPull: FILEFORMAT

Item 002 Data granule: SC:MIL2ASAE.002:6570925
Local Granule ID: MISR_AM1_AS_AEROSOL_P160_0021799_F07_0015.hdf
Data set: MISR LEVEL 2 AEROSOL PARAMETERS V002
Cost: US \$0.00
Format/Media: Native Granule: FtpPull: FILEFORMAT

Item 003 Data granule: SC:MIL2ASAE.002:6825927
Local Granule ID: MISR_AM1_AS_AEROSOL_P160_0021566_F07_0015.hdf
Data set: MISR LEVEL 2 AEROSOL PARAMETERS V002
Cost: US \$0.00
Format/Media: Native Granule: FtpPull: FILEFORMAT

Item 004 Data granule: SC:MIL2ASAE.002:6857693
Local Granule ID: MISR_AM1_AS_AEROSOL_P160_0021799_F07_0015.hdf
Data set: MISR LEVEL 2 AEROSOL PARAMETERS V002
Cost: US \$0.00
Format/Media: Native Granule: FtpPull: FILEFORMAT

Subtotal of per item costs (US): \$0.00

TOTAL KNOWN COST (US): \$0.00

E-mail Notification for FtpPull

Date: Mon, 10 May 2004 16:23:00 -0400 (EDT)
From: CM OPS <cmops@l0ins01u.ecs.nasa.gov> (CM Code Delivery)
To: <n.a.ritchey@larc.nasa.gov>
Subject: ECS Notification

Your order has been placed in a staging area for pickup. THE DATA FILES ARE STAGED FOR **72 HOURS ONLY** and will expire at the time given in FTPEXPR listed below (time is Eastern Time). If you place an order on Friday or over the weekend, you may not be able to retrieve that order. If you need further assistance or information regarding your order, please contact User Services at the NASA Langley Atmospheric Sciences Data Center (ASDC). Please include the information below the "+++++" in any correspondence.

+++++

ORDERID: 0600024841
REQUESTID: 0600024891
USERSTRING:
FINISHED: 05/10/2004 16:22:28

MEDIATYPE: FtpPull
FTPHOST: l0acg02u.ecs.nasa.gov
FTPDIR: 0600024891FGVNec
FTPEXPR: 05/14/04 16:11:59
MEDIA 1 of 1
MEDIAID:

GRANULE: UR:10:DsShESDTUR:UR:15:DsShSciServerUR:13:
[LAR:DSSDSRV]:23:SC:MIL2ASAE.002:6857693
ESDT: MIL2ASAE.002



FILENAME: MISR_AM1_AS_AEROSOL_P160_0021799_F07_0015.hdf
FILESIZE: 17289772

FILENAME: MISR_AM1_AS_AEROSOL_P160_0021799_F07_0015.hdf.met
FILESIZE: 78010

Subset/Reformat Instructions

Langley ASDC -- MISR Data Sets - Netscape

Langley ASDC -- MISR Data Sets

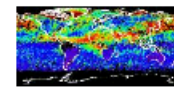
MISR Data Sets

The Multi-angle Imaging SpectroRadiometer (MISR) was successfully launched into sun-synchronous polar orbit aboard Terra, NASA's first Earth Observing System (EOS) spacecraft, on December 18, 1999. MISR measurements are designed to improve our understanding of the Earth's environment and climate.

Viewing the sunlit Earth simultaneously at nine widely-spaced angles, MISR provides radiometrically and geometrically calibrated images in four spectral bands at each of the angles. Spatial sampling of 275 and 1100 meters is provided on a global basis. The MISR FAQ has [more details about the MISR instrument](#). The MISR instrument orbits the Earth about 15 times each day. There are 233 distinct orbits which are repeated every 16 days. These 233 repeating orbits are called paths, and since the paths overlap, near global coverage is obtained in 9 days. The MISR data products are available in HDF-EOS format.

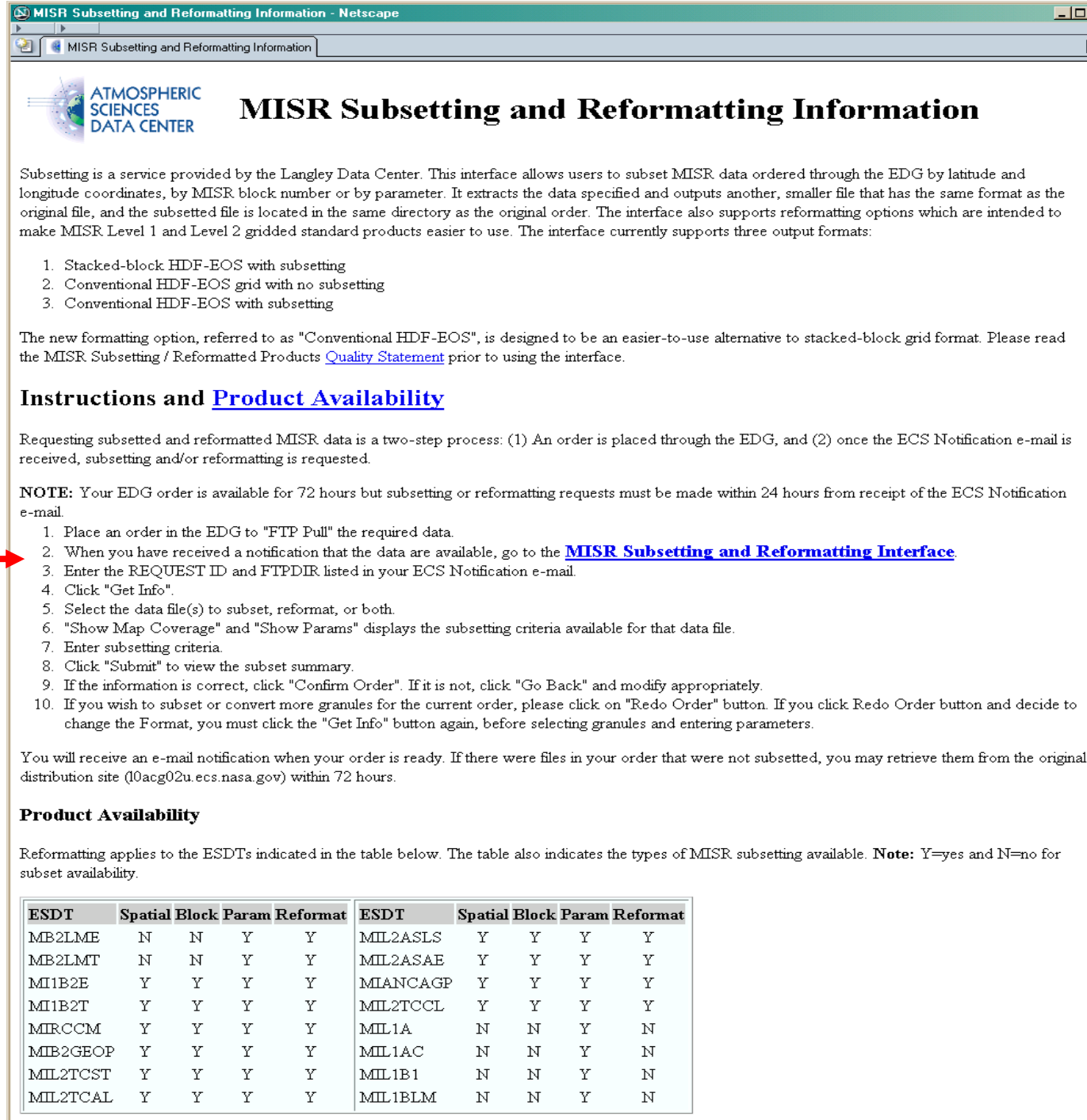
[Available Data Products](#)

Free MISR Workshop: May 22, 2005 before the 2005 Joint Assembly, New Orleans, Louisiana.

Documentation	Processing Information	Data	Tools	Relevant Links
<ul style="list-style-type: none"> Frequently Asked Questions Data Products Specifications Data Quality Statements Data Versioning Project Guide Algorithm Theoretical Basis Documents 	<p>Production Report:</p> <ul style="list-style-type: none"> Level 1 Local Mode Level 2 Level 3 Daily Level 3 Monthly, Quarterly, Yearly <p>Processing Status:</p> <ul style="list-style-type: none"> Level 1B2, LM, Geometric Level 2 Products Level 3 Radiance Level 3 Aerosol/Land 	<p>Special Products:</p> <ul style="list-style-type: none"> "Clim-Likely" Aerosols EOS Validation Data <p>Ordering:</p> <ul style="list-style-type: none"> Data Pool Search and Order Tips Subset and Reformat EOS Data Gateway (EDG) 	<ul style="list-style-type: none"> Orbit/Date Conversion Lat/Lon to Path/Block Conversion Software MISR Browse Tool 	<ul style="list-style-type: none"> Join MISR News List MISR Home Page  Imagery & Atlas Level 3 Imagery AirMISR Data <p>MISR supported experiments:</p> <ul style="list-style-type: none"> C-MARE ICARTT RICO IIAE

Subset - Reformat Instructions

Link to Interface

A screenshot of a Netscape browser window displaying the "MISR Subsetting and Reformatting Information" page. The browser's title bar and address bar both show the page name. The page features the Atmospheric Sciences Data Center logo, a heading, a descriptive paragraph about the subsetting service, a numbered list of output formats, a paragraph about the new formatting option, a section titled "Instructions and Product Availability" with a detailed 10-step process, a "NOTE" about order availability, and a "Product Availability" section with a table of ESDT options. A red arrow points from the "Link to Interface" text on the left to the "MISR Subsetting and Reformatting Interface" link in the instructions.

MISR Subsetting and Reformatting Information

Subsetting is a service provided by the Langley Data Center. This interface allows users to subset MISR data ordered through the EDG by latitude and longitude coordinates, by MISR block number or by parameter. It extracts the data specified and outputs another, smaller file that has the same format as the original file, and the subsetted file is located in the same directory as the original order. The interface also supports reformatting options which are intended to make MISR Level 1 and Level 2 gridded standard products easier to use. The interface currently supports three output formats:

1. Stacked-block HDF-EOS with subsetting
2. Conventional HDF-EOS grid with no subsetting
3. Conventional HDF-EOS with subsetting

The new formatting option, referred to as "Conventional HDF-EOS", is designed to be an easier-to-use alternative to stacked-block grid format. Please read the MISR Subsetting / Reformatted Products [Quality Statement](#) prior to using the interface.

Instructions and [Product Availability](#)

Requesting subsetted and reformatted MISR data is a two-step process: (1) An order is placed through the EDG, and (2) once the ECS Notification e-mail is received, subsetting and/or reformatting is requested.

NOTE: Your EDG order is available for 72 hours but subsetting or reformatting requests must be made within 24 hours from receipt of the ECS Notification e-mail.

1. Place an order in the EDG to "FTP Pull" the required data.
2. When you have received a notification that the data are available, go to the [MISR Subsetting and Reformatting Interface](#).
3. Enter the REQUEST ID and FTPDIR listed in your ECS Notification e-mail.
4. Click "Get Info".
5. Select the data file(s) to subset, reformat, or both.
6. "Show Map Coverage" and "Show Params" displays the subsetting criteria available for that data file.
7. Enter subsetting criteria.
8. Click "Submit" to view the subset summary.
9. If the information is correct, click "Confirm Order". If it is not, click "Go Back" and modify appropriately.
10. If you wish to subset or convert more granules for the current order, please click on "Redo Order" button. If you click Redo Order button and decide to change the Format, you must click the "Get Info" button again, before selecting granules and entering parameters.

You will receive an e-mail notification when your order is ready. If there were files in your order that were not subsetted, you may retrieve them from the original distribution site (10acg02u.ecs.nasa.gov) within 72 hours.

Product Availability


Reformatting applies to the ESDTs indicated in the table below. The table also indicates the types of MISR subsetting available. **Note:** Y=yes and N=no for subset availability.

ESDT	Spatial	Block	Param	Reformat	ESDT	Spatial	Block	Param	Reformat
MB2LME	N	N	Y	Y	MIL2ASLS	Y	Y	Y	Y
MB2LMT	N	N	Y	Y	MIL2ASAE	Y	Y	Y	Y
MI1B2E	Y	Y	Y	Y	MIANCAGP	Y	Y	Y	Y
MI1B2T	Y	Y	Y	Y	MIL2TCCL	Y	Y	Y	Y
MIRCCM	Y	Y	Y	Y	MIL1A	N	N	Y	N
MIB2GEOP	Y	Y	Y	Y	MIL1AC	N	N	Y	N
MIL2TCST	Y	Y	Y	Y	MIL1B1	N	N	Y	N
MIL2TCAL	Y	Y	Y	Y	MIL1BLM	N	N	Y	N

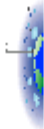
Enter Order Information to Access Subset/Reformat Interface

MISR Data Formatter - Netscape


MISR Data Formatter

 MISR Data Formatting Interface @Atmospheric Sciences Data Center

Please enter a RequestId & Ftp Dir

 Enter Request ID

Enter Ftp Dir

 Responsible NASA Official: Bruce R. Barkstrom, Ph. D.
Site WWW Administration/Help: [NASA Langley ASDC User Services](#)
[\[Privacy, Security, Notices\]](#) [\[Feedback on Langley Products and Services\]](#)
Last Updated: Tue May 11 10:43:46 2004

Select
Format

MISR Data Formatter - Netscape

MISR Data Formatting Interface @Atmospheric Sciences Data Center

Enter Request ID

Enter Ftp Dir

Today's Date: May 11 2004 11:20AM
Order Date: May 10 2004 4:22PM

Select Format

☐ stacked-block HDF-EOS (select subset options below)
☐ conventional HDF-EOS - full swath (no subsetting)
☒ conventional HDF-EOS - with subset (select subset options below)

Stacked-block HDF-EOS is the original format supported by this subsetting interface prior to March 1, 2004. If you want to continue using the same format you have received in the past, then you should select stacked-block HDF-EOS.

Conventional HDF-EOS is a new option, designed to be easier to import into third party tools. If you simply want to convert entire granules to conventional HDF-EOS format, choose the "full swath" option above. Otherwise, you may apply subsetting options along with conversion using the "with subset" option.

Beware that there are important quality issues related to the conventional HDF-EOS format. If you choose to receive data in this format, please read the [Reformatted Products Quality Statement](#).

Order Granules

MIL2ASAE	MISR_AM1_AS_AEROSOL_P160_0021566_F07_0015.hdf
MIL2ASAE	MISR_AM1_AS_AEROSOL_P160_0021566_F07_0015.hdf80781
MIL2ASAE	MISR_AM1_AS_AEROSOL_P160_0021799_F07_0015.hdf
MIL2ASAE	MISR_AM1_AS_AEROSOL_P160_0021799_F07_0015.hdf80780

Legend N - No; Y - Yes; A - Not Yet Available

ESDT	Spatial	Block	Param	Convention
MIL1A	N	N	Y	N
MIL1AC	N	N	Y	N
MIL1B1	N	N	Y	N
MIL1B1LM	N	N	Y	N
MIL1B2T	Y	Y	Y	Y
MIL1B2E	Y	Y	Y	Y
MIRCCM	Y	Y	Y	Y
MIB2GEOP	Y	Y	Y	Y
MIL2TCST	Y	Y	Y	Y
MIL2TCAL	Y	Y	Y	Y
MIL2TCCL	Y	N	N	Y
MIL2ASOS	Y	Y	Y	Y
MIL2ASLS	Y	Y	Y	Y
MIL2ASAE	Y	Y	Y	Y
MIANCAGP	Y	Y	Y	Y
MB2LMT	N	N	N	Y
MB2LME	N	N	N	Y

Select Subset Options
Enter Spatial Coordinates or Blocks, and/or select Subset Parameters
You must select subset parameters if you selected stacked-block HDF-EOS or conventional HDF-EOS - with subset

Top
Left Right
Bottom

Blocks

Parameters

Select
Files

Select
Subset
Options

Subset/Format Summary

Subset-Conventional Confirm Page - Netscape

Subset-Conventional Confirm Page

Confirm Subset-Conventional Order

RequestId	Data Format	Data Dir	Enter Order Email Notification
0600024891	Subset-Conventional	0600024891FGVNec	n.a.ritchey@larc.nasa.gov

Block subsetting will be done

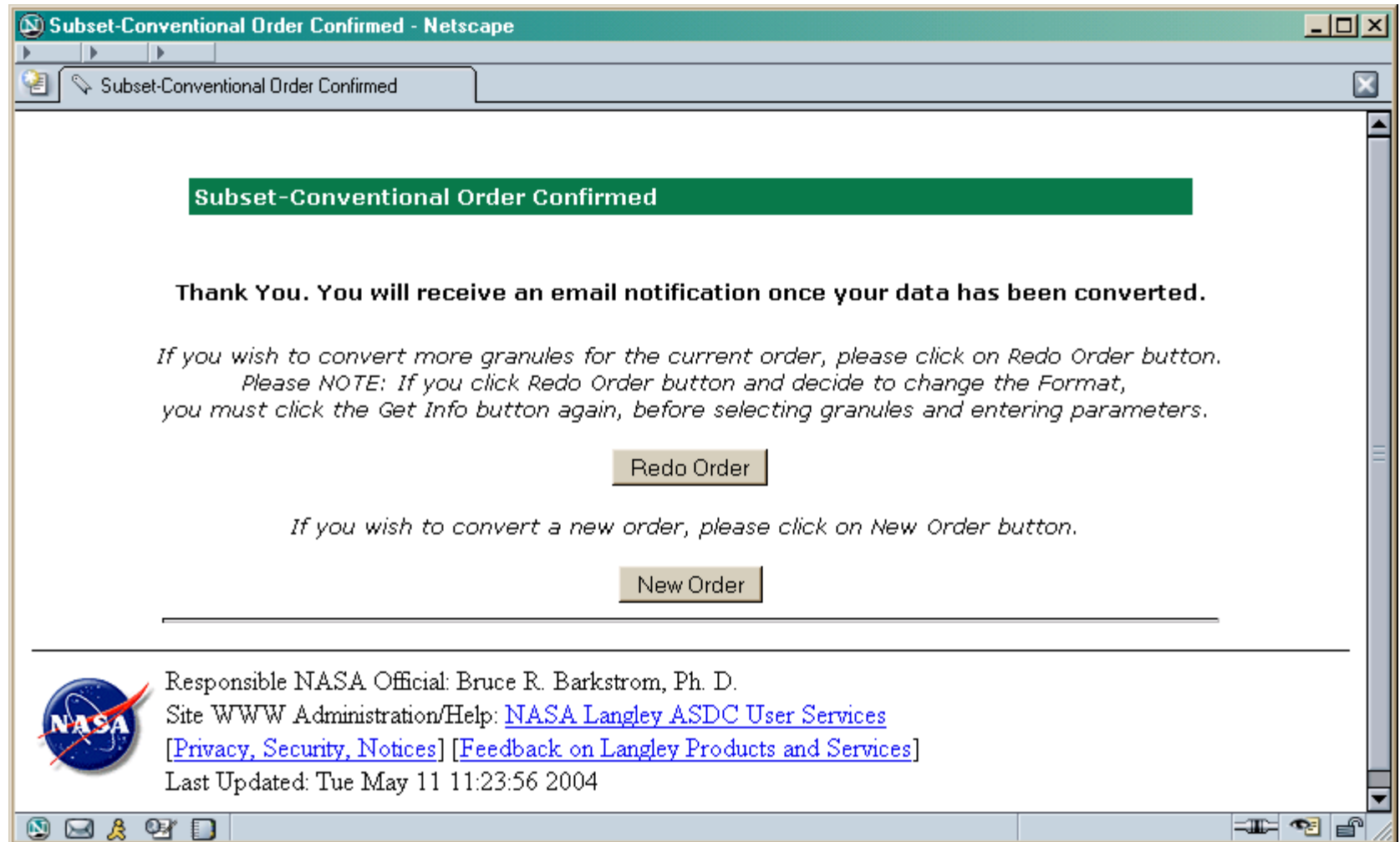
Blocks
65 66 67 68 69

Parameters
RegParamsAer

Granules
MISR_AM1_AS_AEROSOL_P160_O021566_F07_0015.hdf
MISR_AM1_AS_AEROSOL_P160_O021799_F07_0015.hdf

[Go Back](#) [Confirm Order](#)

Subset/Format Confirmation



E-mail Notification

Reprints Please!

Data Policy

Order Information

Date: Tue, 11 May 2004 11:26:33 -0400 (EDT)
From: User Services <larc@eos.nasa.gov>
To: Conventional HDF-EOS User <n.a.ritchey@larc.nasa.gov>
Subject: Your EDG Conventional HDF-EOS Order has been processed

Your order has been placed in a staging area for pickup and will be available for 7 days. If you need further assistance or information regarding your order, please contact User Services at the NASA Langley Atmospheric Sciences Data Center (ASDC). Please include the information below the "+++++" in any correspondence.

FTP COMMANDS:

The mget, ls, and dir commands are disabled. You will not be able to view the contents of the directory containing your data. You must use each of the filenames listed at the end of this message to retrieve your files.

To download your data, use the following commands:

```
ftp [see FTPHOST below]
username> anonymous
password [type your email address]
ftp> cd [see FTPDIR below]
ftp> bin
ftp> get [see Filename below] (Repeat for all files listed)
ftp> quit
```

USE OF OUR DATA:

Acknowledgements:

When Langley ASDC data are used in a publication, we request the following acknowledgment be included: "These data were obtained from the NASA Langley Research Center Atmospheric Sciences Data Center."

Reprint Please!

The Langley ASDC requests a reprint of any published papers or reports or a brief description of other uses (e.g., posters, oral presentations, etc.) of data that we have distributed. This will help us determine the use of data that we distribute, which is helpful in optimizing product development. It also helps us to keep our product related references current.

Redistribution of Data:

To assist the Langley ASDC in providing the best service to the scientific community, we request notification if you transmit these data to other researchers.

NASA Langley Atmospheric Sciences Data Center
Science, User and Data Services
(757) 864-8656
larc@eos.nasa.gov
+++++

REQUESTID: 0600024891

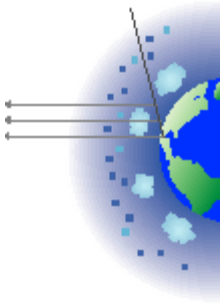
FTPHOST: l0dus01u.ecs.nasa.gov
FTPUSER: anonymous
FTPPASSWD: Use your email <n.a.ritchey@larc.nasa.gov> as password
FTPDIR: pub/0600024891FGVNec
FTPEXPR: 7 days from 05/11/2004 11:26:32

Output Conventional Files:

MISR_AM1_AS_AEROSOL_P160_O021566_F07_0015.subset_1507_20040511112405_1528.conv.hdf
MISR_AM1_AS_AEROSOL_P160_O021799_F07_0015.subset_1507_20040511112405_1528.conv.hdf

You can also download by clicking on the URL below

<ftp://l0dus01u.ecs.nasa.gov/pub/0600024891FGVNec>

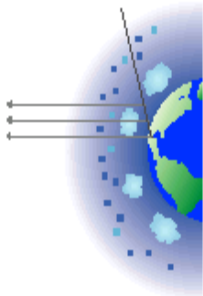


Data Pool

Data Pool allows quick access to **recently processed** data. Use the ordering tool to obtain **ALL** data products

<http://eosweb.larc.nasa.gov/HPDOCS/datapool/>

Accessing Data Pool



ATMOSPHERIC SCIENCES DATA CENTER

Processing, archiving, and distributing Earth science data at NASA Langley Research Center in the following disciplines:

[Radiation Budget](#) • [Clouds](#) • [Aerosols](#) • [Tropospheric Chemistry](#)

Data & Documentation

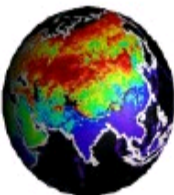
- ♦ Access Data by
 - ◊ [Description](#)
 - ◊ [Discipline](#)
 - ◊ [Project](#)
- ♦ [Data Pool](#)
- ♦ [Order Tools](#)
- ♦ [Software Tools](#)
- ♦ [Acknowledgments](#)

Navigation and Help

- ♦ [Contact/Feedback](#)
- ♦ [User Survey](#)
- ♦ [FAQs](#)
- ♦ [Site Index](#)
- ♦ [About ASDC](#)

Data Center Highlights:

- ♦ [MISR Workshop: May 22, 2005](#)
- ♦ [MISR: Aerosol Climatology](#)
- ♦ [CERES: new SSF and SFC data](#)
- ♦ [Register for news lists](#)
- ♦ **MISR: Featured Imagery**



[Seasonal Changes in
Earth's Surface
Albedo](#)

Imagery

- ♦ [Imagery of ASDC Products](#)

Featured EOS Projects

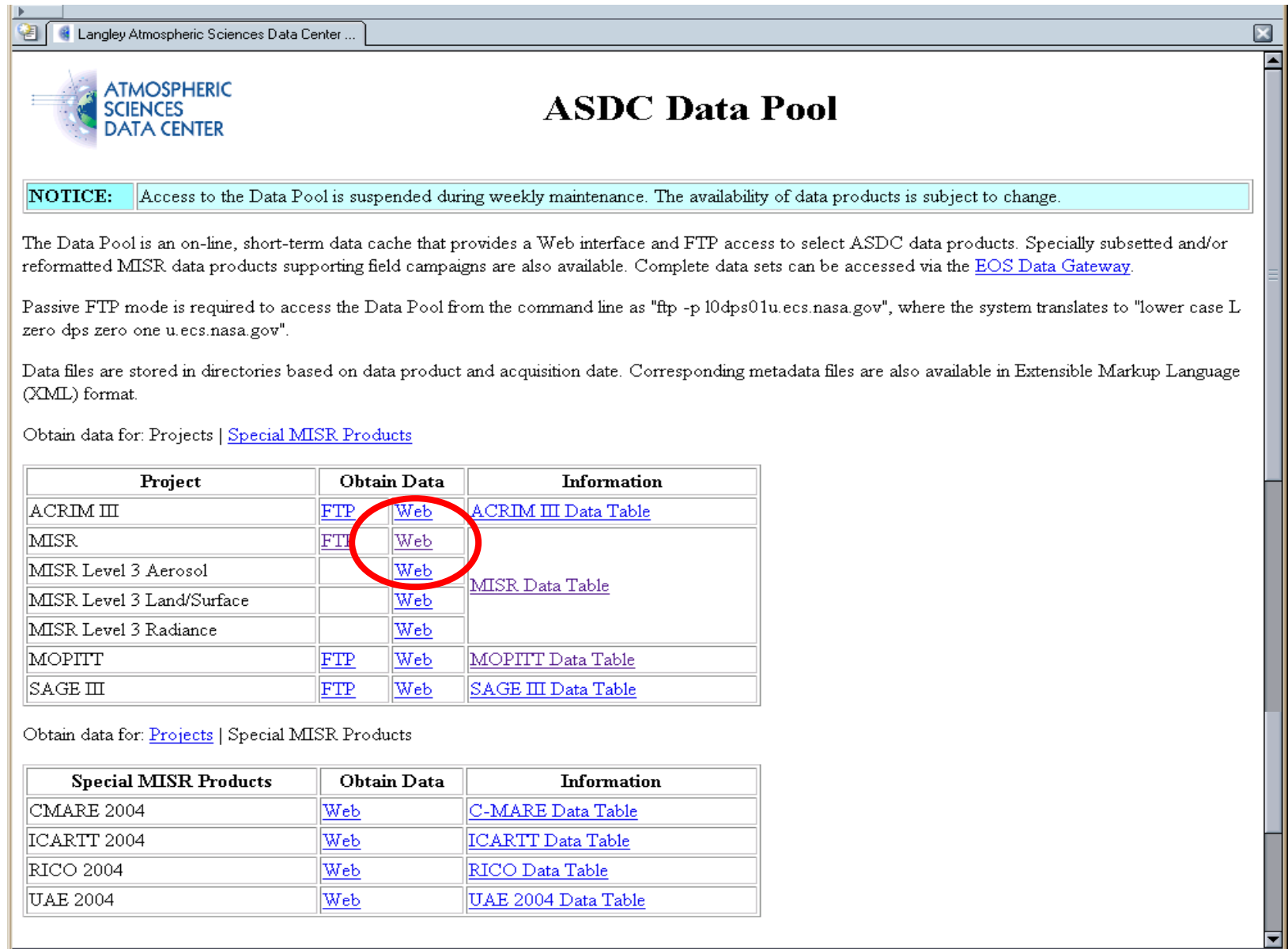
Place cursor over links for details.
(JavaScript enabled browsers)

- ♦ [CERES](#)
- ♦ [MISR](#)
- ♦ [MOPITT](#)
- ♦ [SAGE III](#)
- ♦ [TES](#)

Other Resources

- ♦ [Other Data Centers](#)
- ♦ [Educational Resources](#)

Accessing Data Pool via Web Interface



ATMOSPHERIC SCIENCES DATA CENTER

ASDC Data Pool

NOTICE: Access to the Data Pool is suspended during weekly maintenance. The availability of data products is subject to change.

The Data Pool is an on-line, short-term data cache that provides a Web interface and FTP access to select ASDC data products. Specially subsetting and/or reformatted MISR data products supporting field campaigns are also available. Complete data sets can be accessed via the [EOS Data Gateway](#).

Passive FTP mode is required to access the Data Pool from the command line as "ftp -p 10dps01u.ecs.nasa.gov", where the system translates to "lower case L zero dps zero one u.ecs.nasa.gov".

Data files are stored in directories based on data product and acquisition date. Corresponding metadata files are also available in Extensible Markup Language (XML) format.

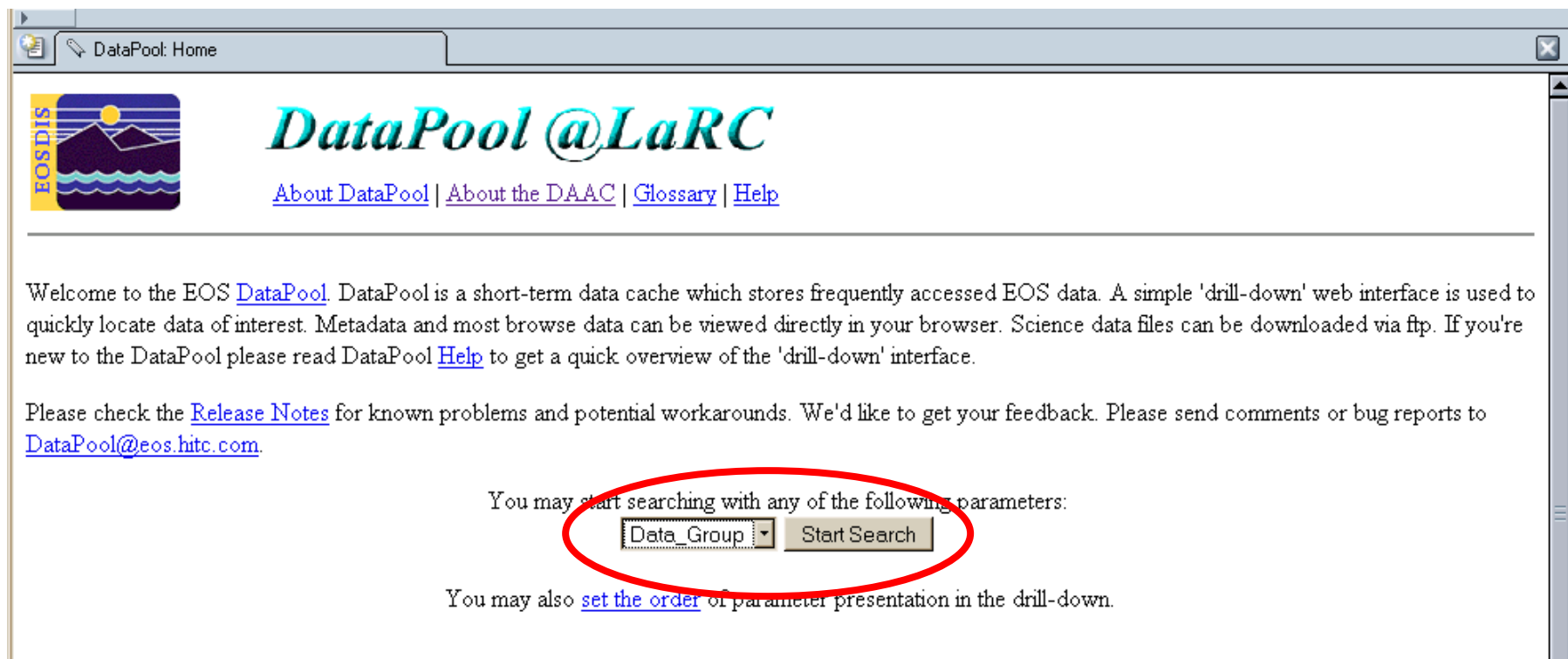
Obtain data for: Projects | [Special MISR Products](#)

Project	Obtain Data		Information
ACRIM III	FTP	Web	ACRIM III Data Table
MISR	FTP	Web	MISR Data Table
MISR Level 3 Aerosol		Web	
MISR Level 3 Land/Surface		Web	
MISR Level 3 Radiance		Web	
MOPITT	FTP	Web	MOPITT Data Table
SAGE III	FTP	Web	SAGE III Data Table

Obtain data for: [Projects](#) | [Special MISR Products](#)


Special MISR Products	Obtain Data		Information
CMARE 2004	Web		C-MARE Data Table
ICARTT 2004	Web		ICARTT Data Table
RICO 2004	Web		RICO Data Table
UAE 2004	Web		UAE 2004 Data Table

Accessing MISR Data Products via Data Pool Web Interface 1 of 10



The screenshot shows a web browser window with the address bar displaying "DataPool: Home". The page features the EOSDIS logo on the left, which includes a stylized mountain and sun icon. To the right of the logo is the text "DataPool @LaRC" in a large, stylized font. Below this, there are four links: "About DataPool", "About the DAAC", "Glossary", and "Help". A horizontal line separates the header from the main content area. The main content begins with a welcome message: "Welcome to the EOS [DataPool](#). DataPool is a short-term data cache which stores frequently accessed EOS data. A simple 'drill-down' web interface is used to quickly locate data of interest. Metadata and most browse data can be viewed directly in your browser. Science data files can be downloaded via ftp. If you're new to the DataPool please read DataPool [Help](#) to get a quick overview of the 'drill-down' interface." This is followed by a request for feedback: "Please check the [Release Notes](#) for known problems and potential workarounds. We'd like to get your feedback. Please send comments or bug reports to DataPool@eos.hitc.com." Below this, the text "You may start searching with any of the following parameters:" is followed by a search form. The form consists of a dropdown menu labeled "Data_Group" and a "Start Search" button. This search form is circled in red. Finally, the text "You may also [set the order](#) of parameter presentation in the drill-down." is displayed at the bottom of the visible content.

DataPool: Home

 **DataPool @LaRC**

[About DataPool](#) | [About the DAAC](#) | [Glossary](#) | [Help](#)

Welcome to the EOS [DataPool](#). DataPool is a short-term data cache which stores frequently accessed EOS data. A simple 'drill-down' web interface is used to quickly locate data of interest. Metadata and most browse data can be viewed directly in your browser. Science data files can be downloaded via ftp. If you're new to the DataPool please read DataPool [Help](#) to get a quick overview of the 'drill-down' interface.


Please check the [Release Notes](#) for known problems and potential workarounds. We'd like to get your feedback. Please send comments or bug reports to DataPool@eos.hitc.com.

You may start searching with any of the following parameters:

You may also [set the order](#) of parameter presentation in the drill-down.

Accessing MISR Data Products via Data Pool Web Interface 2 of 10

Browser window: DataPool: Selecting Group...



DataPool @LaRC

[Home](#) | [About DataPool](#) | [About the DAAC](#) | [Glossary](#) | [Help](#)

DataPool organizes its data by [Data Groups](#) as listed below. To begin your search, select a Data Group by clicking a link in the column below.

Data Group	Description	Granule Count
ACRIM III	All collections/granules from the ACRIM mission	1748
CMARE	Central Mediterranean Aerosol and Radiation Experiment(CMARE) 2004 data products	18
ICARTT	International Consortium for Atmospheric Research on Transport and Transformation (ICARTT) 2004 data products	543
MISR	MISR collections/granules from the Terra mission	309838
MOPITT	MOPITT collections/granules from the Terra mission	3371
RICO	Rain in Cumulus over the Ocean (RICO) November 1, 2004 thru February 1, 2005.	923
SAGE III	All collections/granules from the SAGE III mission	177812
UAE	United Arab Emirates Unified Aerosol Experiment (UAE) 2004 data products	6937


Accessing MISR Data Products via Data Pool Web Interface 3 of 10

Choose a
MISR Data
Product

Earth
Science
Data Types
(ESDT) can
be found on
the MISR
Data Table.

DataPool: Selecting ESDT... - Netscape

DataPool: Selecting ESDT...



DataPool @LaRC

[Home](#) | [About DataPool](#) | [About the DAAC](#) | [Glossary](#) | [Help](#)

To continue, please select a value for [Data Set](#) by clicking a link in the table below. Each link in the Data Set column below takes you to a set of Data values for which that product is available.

Data Set	Description	Granule Count
MB2LME.2	This file contains the ellipsoid projected TOA parameters for the single local mode scene,resampled to WGS84 ellipsoid	1024
MB2LMT.2	This file contains the terrain-projected TOA radiance for the single local mode scene,resampled at the surface and topographically corrected.	772
MI1B2E.2	This file contains the ellipsoid projected TOA Radiance,resampled to WGS84 ellipsoid corrected	5401
MI1B2T.2	This file contains Terrain projected TOA Radiance,resampled at the surface and topographically corrected	5384
MIANCAGP.1	This file consists primarily of terrain data on a SOM Grid. It has 233 parts, corresponding to the 233 repeat orbits of the EOS-AM1 Spacecraft.	233
MIB2GEOP.2	This file contains the Geometric Parameters which measure the sun and view angles at the reference ellipsoid	3695
MIL2ASAE.2	This is the Level 2 Aerosol Product.It contains Aerosol optical depth and particle type, with associated atmospheric data.	6482
MIL2TCST.2	This is the Level 2 TOA/Cloud Stereo Product. It contains the Stereoscopically Derived Cloud Mask (SDCM), cloud winds, Reflecting Level Reference Altitude (RLRA), with associated data.	6234
MIL3MAE.2	This file contains the MISR Level 3 Component Global Aerosol Product covering a month	39

Accessing MISR Data Products via Data Pool Web Interface 4 of 10


Monthly Aerosol Example

There are multiple options.

Enter Date Range

DataPool: Selecting Date... - Netscape

DataPool: Selecting Date...

 **DataPool @LaRC**
[Home](#) | [About DataPool](#) | [About the DAAC](#) | [Glossary](#) | [Help](#)

Current Search Criteria

You may click on a hyperlinked criterion to go back and resume the drill-down from that point

Data Group	MISR
Data Set	MIL3MAE.2

The above search criteria would return approximately **39 granules** which is about **65.537 MB** of data.

Your options are:

- [Select a value](#) (or a [range](#)) for **Date**.
- Skip Date and move on to
- [Get the granules](#) that match the above criteria.
- [Start a new search](#)

Select a Day, Week or Month

Note: Each count (in red) represents the hits of all granules for that date range (a day is treated as a range as is a week). As such, sums of counts will not add up correctly (e.g., the hits for all of the days of the week will not total the displayed hits for that week).

[2000](#) > [2001](#) > [2002](#) > [2003](#)

[December](#)

1

SUN	MON	TUE	WED	THU	FRI	SAT	Weeks of the Year
	01 1	02	03	04	05	06	Week 49 1
07	08	09	10	11	12	13	Week 50
14	15	16	17	18	19	20	Week 51
21	22	23	24	25	26	27	Week 52
28	29	30	31				Week 53

[January](#)
[February](#)
[March](#)
[April](#)
[May](#)
[June](#)
[July](#)
[August](#)
[September](#)
[October](#)
[November](#)
[December](#) →

Select a Date Range

You may select data from a range of days using the selection boxes below. Please refer to the calendar above to identify days with available data. **Note:** no validation is performed on your form selections at this time. As such, you can enter a query that returns zero granules (e.g., an incorrect query where end date is earlier than start date).

Start Date	Year: <input type="text" value="2002"/>	Month: <input type="text" value="JAN"/>	Day: <input type="text" value="01"/>
End Date	Year: <input type="text" value="2003"/>	Month: <input type="text" value="JAN"/>	Day: <input type="text" value="01"/>

When you are satisfied with your date range selection,


Accessing MISR Data Products via Data Pool Web Interface 5 of 10

Get Data



DataPool: Selecting Time... - Netscape

DataPool: Selecting Time...

 **DataPool @LaRC**
[Home](#) | [About DataPool](#) | [About the DAAC](#) | [Glossary](#) | [Help](#)

Current Search Criteria

You may click on a hyperlinked criterion to go back and resume the drill-down from that point

Data Group	MISR
Data Set	MIL3MAE.2
Date	2002-01-01 - 2003-01-01

The above search criteria would return approximately **12 granules** which is about **20.128 MB** of data.

Your options are:

- [Select a value](#) (or a [range](#)) for **Time-of-Day**.
- Skip Time_of_Day and move on to
- [Get the granules](#) that match the above criteria.
- [Start a new search](#)

On the Hour or [On the Half Hour](#)

00:00-01:00 12	01:00-02:00 12	02:00-03:00 12	03:00-04:00 12	04:00-05:00 12	05:00-06:00 12
06:00-07:00 12	07:00-08:00 12	08:00-09:00 12	09:00-10:00 12	10:00-11:00 12	11:00-12:00 12
12:00-13:00 12	13:00-14:00 12	14:00-15:00 12	15:00-16:00 12	16:00-17:00 12	17:00-18:00 12
18:00-19:00 12	19:00-20:00 12	20:00-21:00 12	21:00-22:00 12	22:00-23:00 12	23:00-24:00 12

-- OR --

Select a Time-of-Day Range ([GMT](#))

You may select data from a time range (start time and end time) using the selection boxes below. Please refer to the 'Time-of-Day' table above to identify pre-determined time ranges with available data. **Note:** no validation is performed on your form selections at this time. As such, you can enter a query that returns zero granules (e.g., an incorrect query where end time is earlier than start time).

Start Time Hour: Minute:
End Time Hour: Minute:

If you're happy with your time-of-day selection

Adding your selection to the search criteria will also take you to the next drill-down page which is for selecting spatial coverage.

Accessing MISR Data Products via Data Pool Web Interface 6 of 10

Several options
for obtaining data

Download data
with right click

Data compression
options

DataPool @LaRC
Home | Shopping Cart | About DataPool | About the DAAC | Glossary | Help

Results for Your Search

Your [search criteria](#) and [results](#) are listed below. If you are not satisfied with your results, you may re-visit your criteria selections by clicking on the links in the Search Criteria table below. You may also [create a new search](#) at any time.

Search Criteria

You may click on a hyperlinked criterion to go back and resume the drill-down from that point

Data Group	MISR
Data Set	MIL3MAE.2
Date	2002-01-01 - 2003-01-01

The above search criteria returned **12 granules** which is about **20.128 MB** of data.

Results

- 12 MIL3MAE.2 granules were found. Average granule size is approximately 1.677 MB.
- Please view the latest [Product Quality Summary](#) associated with this data set.
- The total size of the results set is approximately 20.128 MB.
- Warning: A maximum of 50 granules per order may have associated conversion requests (format change, projection changes or subsetting). If your order exceeds this limit, it will be rejected upon submittal.

Granule	Size (MB)	Date		Time		Day/ Night
		Begin	End	Begin	End	
SC:MIL3MAE.2.4250427	1.573	2001-12-01	2002-01-01	00:00:00	00:00:00	NULL

Buttons:

Add data to cart


View metadata

Accessing MISR Data Products via Data Pool Web Interface 7 of 10

Shopping Cart

DataPool: Shopping Cart - Netscape

DataPool: Shopping Cart





 **DataPool @LaRC**
[About DataPool](#) | [About the DAAC](#) | [Glossary](#) | [Help](#)

Your Shopping Cart

The contents of your shopping cart are listed below. The shopping cart contains a [list of granules](#) currently held in the cart and allows you to apply optional conversion operations to individual granules or the whole cart and supports ftp download or physical media orders (**note however that you cannot get converted data on physical media** at this point). Granules added to the cart will stay in the cart unless removed by you or until you successfully submit an order. You can return to your results set (☺) or start a new search (☹) at any time. This shopping cart will remain persistent during your session only. **This page cannot be bookmarked!!**

Cart Contents

- 2 MIL3MAE.2 granules were found. Average granule size is approximately 1.605 MB.
- **Please view the latest [Product Quality Summary](#) associated with this data set.**
- Total size of data is 3.209 MB.
- **Warning:** A maximum of 50 granules per order may have associated conversion requests (format change, projection changes or subsetting). If your order exceeds this limit, it will be rejected upon submittal.

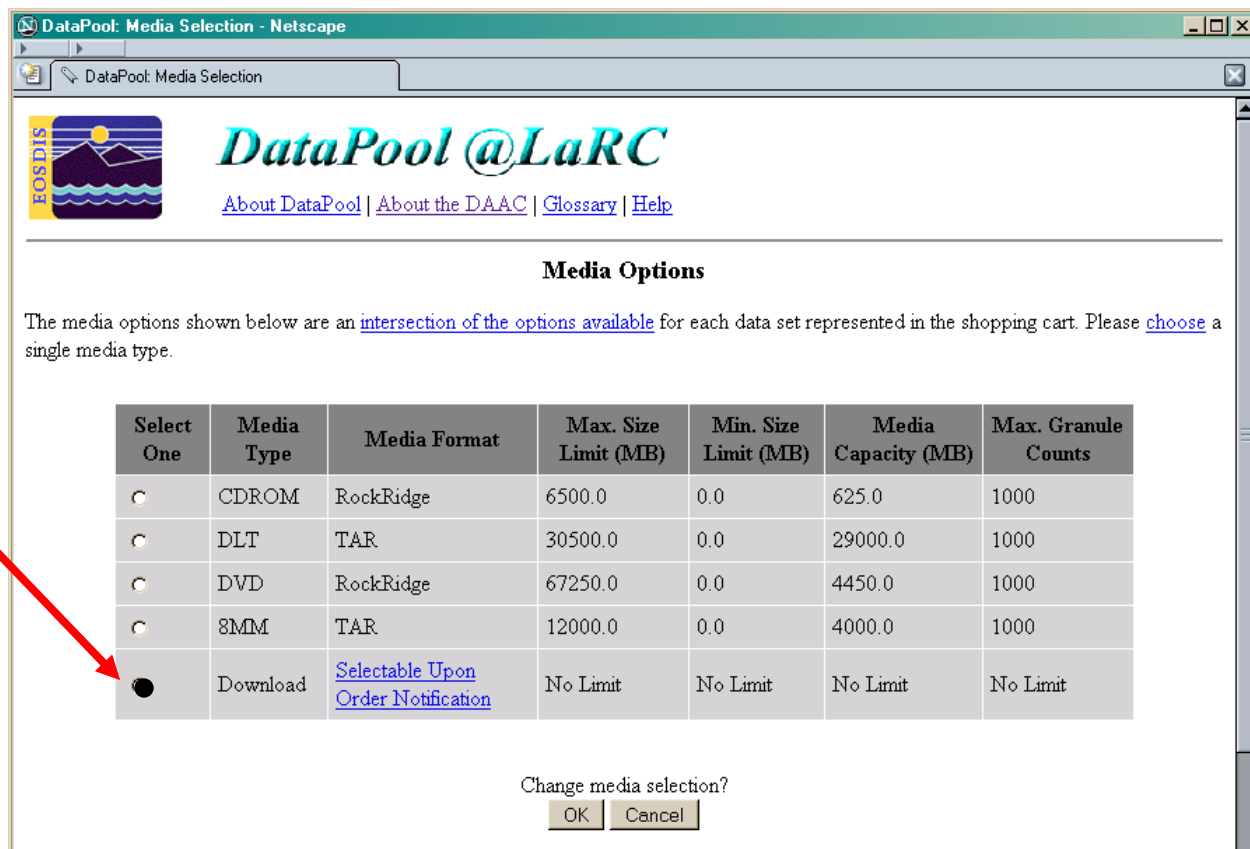
Granule ▾	Size (MB) ▾	Format ▾	Projection ▾	Subsetting
SC:MIL3MAE.2:4250433  	1.636	-	-	
SC:MIL3MAE.2:4250427  	1.573	-	-	

Rows: 10 Showing 1-2 of 2 rows: < < > >

When you've completed your selections, **Select Media** If you would like to start over, **Empty the Shopping Cart**


Accessing MISR Data Products via Data Pool Web Interface 8 of 10

Select Media Option



DataPool: Media Selection - Netscape

DataPool: Media Selection

 **DataPool @LaRC**
[About DataPool](#) | [About the DAAC](#) | [Glossary](#) | [Help](#)

Media Options

The media options shown below are an [intersection of the options available](#) for each data set represented in the shopping cart. Please [choose](#) a single media type.

Select One	Media Type	Media Format	Max. Size Limit (MB)	Min. Size Limit (MB)	Media Capacity (MB)	Max. Granule Counts
<input type="radio"/>	CDROM	RockRidge	6500.0	0.0	625.0	1000
<input type="radio"/>	DLT	TAR	30500.0	0.0	29000.0	1000
<input type="radio"/>	DVD	RockRidge	67250.0	0.0	4450.0	1000
<input type="radio"/>	8MM	TAR	12000.0	0.0	4000.0	1000
<input checked="" type="radio"/>	Download	Selectable Upon Order Notification	No Limit	No Limit	No Limit	No Limit


Change media selection?

Accessing MISR Data Products via Data Pool Web Interface 9 of 10

Order Data

DataPool: Checkout - Netscape

DataPool: Checkout

 **DataPool @LaRC**
[About DataPool](#) | [About the DAAC](#) | [Glossary](#) | [Help](#)

Please enter your download profile. Granules will be removed from the shopping cart upon the successful submission of an order. Your download profile will remain persistent during your session only. **This page cannot be bookmarked!!**

Download Profile

User Name: (Optional)	First: <input type="text" value="nancy"/> Last: <input type="text" value="ritchey"/>
E-mail:	<input type="text" value="n.a.ritchey@larc.nasa.gov"/> Required if you selected formatting and projection changes or subsetting OR if you always want an order notification e-mail sent..


☐ Send an order notification e-mail even if no conversions are requested (i.e. Packaging Only)

When you've completed your selections, **To change data content,** **To change media selection,**

<input type="button" value="Order the Data"/>	<input type="button" value="Back To Cart"/>	<input type="button" value="Back To Media"/>
---	---	--

Download Ordered Data - Netscape

Download Ordered Data



DataPool @LaRC

[Home](#) | [Shopping Cart](#) | [About DataPool](#) | [About the DAAC](#) | [Glossary](#) | [Help](#)

Your Order ID is 0000000000000167

Your order is ready now. You may download your data in the compression format of your choice or you may navigate to the [DataPool ftp site](#) directly.

Select a download option:

- [No compression](#) - goes to ftp site. You can selectively download individual files from your order here.
- [zip](#) - downloads a zip file of your data.
- [tar](#) - downloads a tar file of your data.
- [tar.gz](#) - downloads a gz compressed tar file of your data.
- [tar.Z](#) - downloads a UNIX compressed tar file of your data.

[Start a new search](#) to get more data.

Accessing MISR Data Products via Data Pool Web Interface

10 of 10


Index of <ftp://10dps01u.ecs.nasa.gov/downloads/000000000000000167/> - Netscape

Index of <ftp://10dps01u.ecs.nasa.gov/downloads/000000000000000167/>

[Up to higher level directory](#)

.tempfiles	5/19/2005 5:15:00 PM
ConverterSynopsis.txt	5/19/2005 5:15:00 PM
MISR AM1 CGAS DEC 2001 F02 0006.hdf	5/19/2005 5:15:00 PM
MISR AM1 CGAS DEC 2001 F02 0006.hdf.xml	5/19/2005 5:15:00 PM
MISR AM1 CGAS JAN 2002 F02 0006.hdf	5/19/2005 5:15:00 PM
MISR AM1 CGAS JAN 2002 F02 0006.hdf.xml	5/19/2005 5:15:00 PM

Accessing Data Pool via FTP Interface



ASDC Data Pool

NOTICE: Access to the Data Pool is suspended during weekly maintenance. The availability of data products is subject to change.

The Data Pool is an on-line, short-term data cache that provides a Web interface and FTP access to select ASDC data products. Specially subsetting and/or reformatted MISR data products supporting field campaigns are also available. Complete data sets can be accessed via the [EOS Data Gateway](#).

Passive FTP mode is required to access the Data Pool from the command line as "ftp -p 10dps01u.ecs.nasa.gov", where the system translates to "lower case L zero dps zero one u.ecs.nasa.gov".

Data files are stored in directories based on data product and acquisition date. Corresponding metadata files are also available in Extensible Markup Language (XML) format.

Obtain data for: Projects | [Special MISR Products](#)


















Project	Obtain Data		Information
ACRIM III	FTP	Web	ACRIM III Data Table
MISR	FTP	Web	MISR Data Table
MISR Level 3 Aerosol		Web	
MISR Level 3 Land/Surface		Web	
MISR Level 3 Radiance		Web	
MOPITT	FTP	Web	MOPITT Data Table
SAGE III	FTP	Web	SAGE III Data Table

Obtain data for: [Projects](#) | [Special MISR Products](#)

Special MISR Products	Obtain Data		Information
CMARE 2004	Web		C-MARE Data Table
ICARTT 2004	Web		ICARTT Data Table
RICO 2004	Web		RICO Data Table
UAE 2004	Web		UAE 2004 Data Table

Accessing MISR Data Products via FTP 1 of 3

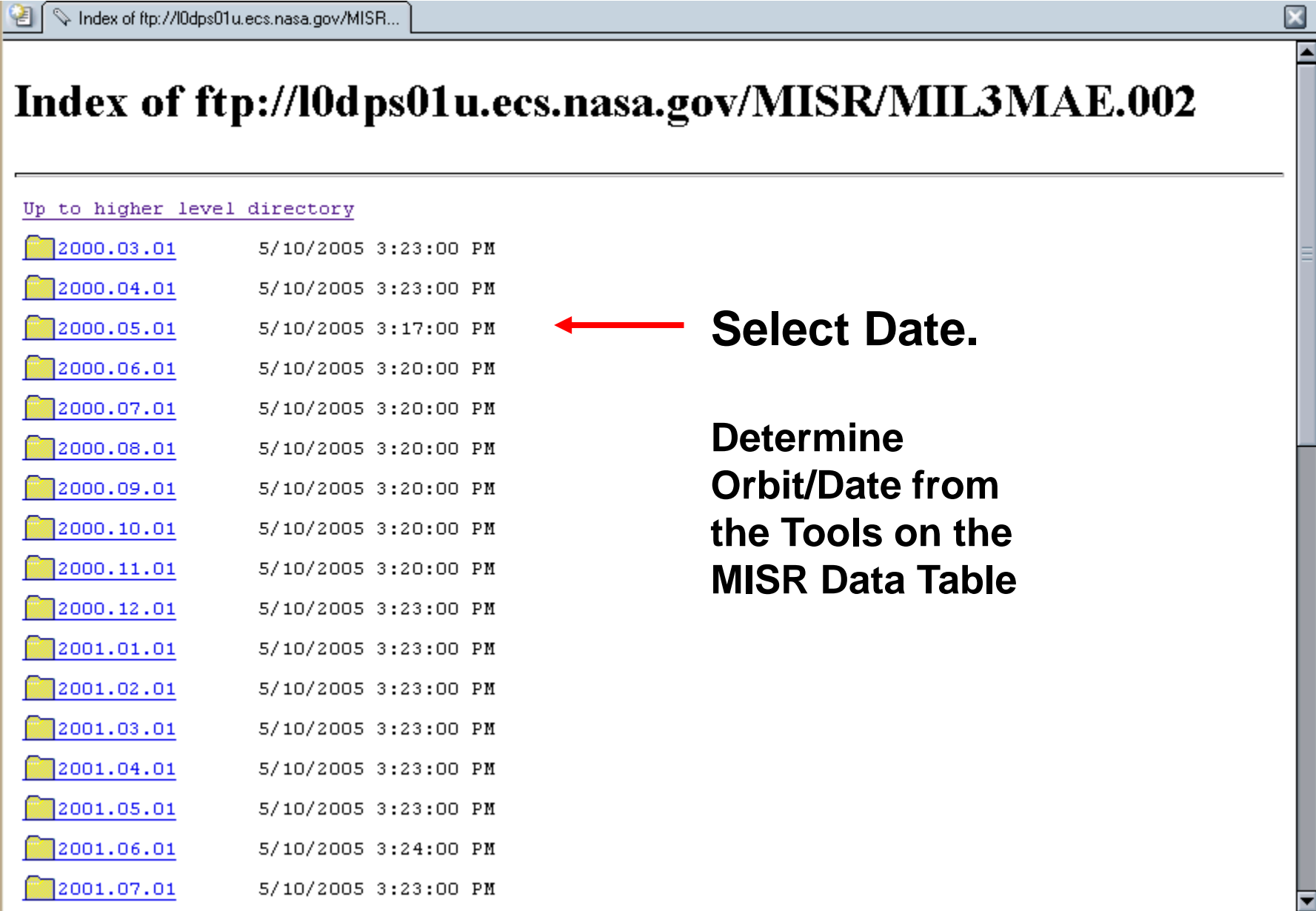
Earth Science
Data Type
(ESDT) can be
found on the
MISR Data
Table.

Index of ftp://l0dps01u.ecs.nasa.gov/MISR/		
Up to higher level directory		
 MB2LME.002	5/17/2005	1:20:00 PM
 MB2LMT.002	5/17/2005	1:11:00 PM
 MI1B2E.002	5/14/2005	12:50:00 PM
 MI1B2T.002	5/13/2005	7:26:00 PM
 MIANACP.001	5/11/2005	3:02:00 PM
 MIANCAGP.001	5/17/2005	12:40:00 PM
 MIB2GEOP.002	5/18/2005	5:37:00 PM
 MIL2ASAE.002	5/18/2005	7:50:00 PM
 MIL2ASLS.002	5/13/2005	5:44:00 AM
 MIL2TCAL.002	5/12/2005	1:04:00 PM
 MIL2TCCL.003	5/18/2005	9:17:00 PM
 MIL2TCST.001	5/16/2005	11:55:00 AM
 MIL2TCST.002	5/12/2005	8:33:00 PM
 MIL3MAE.002	5/10/2005	6:09:00 PM
 MIL3MAE.004	5/10/2005	6:08:00 PM
 MIL3MLS.002	5/10/2005	4:34:00 PM
 MIL3MLS.004	5/10/2005	6:08:00 PM

**MISR Monthly
Aerosol
Product**



Accessing MISR Data Products via FTP 2 of 3



The screenshot shows a web browser window displaying the index of an FTP directory. The address bar shows the URL: `ftp://l0dps01u.ecs.nasa.gov/MISR...`. The main heading is **Index of ftp://l0dps01u.ecs.nasa.gov/MISR/MIL3MAE.002**. Below the heading, there is a link [Up to higher level directory](#). The directory listing shows a series of folders representing months and years, each with a corresponding date and time. A red arrow points to the folder `2000.05.01`, which is highlighted. To the right of the arrow, the text **Select Date.** is displayed. Below this, the text **Determine Orbit/Date from the Tools on the MISR Data Table** is displayed.

Folder Name	Date/Time
2000.03.01	5/10/2005 3:23:00 PM
2000.04.01	5/10/2005 3:23:00 PM
2000.05.01	5/10/2005 3:17:00 PM
2000.06.01	5/10/2005 3:20:00 PM
2000.07.01	5/10/2005 3:20:00 PM
2000.08.01	5/10/2005 3:20:00 PM
2000.09.01	5/10/2005 3:20:00 PM
2000.10.01	5/10/2005 3:20:00 PM
2000.11.01	5/10/2005 3:20:00 PM
2000.12.01	5/10/2005 3:23:00 PM
2001.01.01	5/10/2005 3:23:00 PM
2001.02.01	5/10/2005 3:23:00 PM
2001.03.01	5/10/2005 3:23:00 PM
2001.04.01	5/10/2005 3:23:00 PM
2001.05.01	5/10/2005 3:23:00 PM
2001.06.01	5/10/2005 3:24:00 PM
2001.07.01	5/10/2005 3:23:00 PM

Accessing MISR Data Products via FTP 3 of 3



Right click on data to download



Accessing MISR Data via *Beta* Interface

Select a Data Product

Select Date or Orbit

Select Path or Geographic Region

MISR Order Tool - Netscape
File Edit View Go Communicator Help

 **ATMOSPHERIC SCIENCES DATA CENTER** **MISR Order Tool** 

[New Search](#) [View Cart](#)

Search Data Product by Date, Orbit, Geographic Region or Path.

Select One Data Product

Full Name - ESDT Name

- MISR Ancillary Geographic Parameters - MIANCAGP
- MISR Level-1B2 Geometric Parameters - MIB2GEOP**
- MISR Level-1B2 Global Mode Ellipsoid-projected Radiance - M1B2E
- MISR Level-1B2 Local Mode Ellipsoid-projected Radiance - MB2LME
- MISR Level-1B2 Radiometric Camera-by-camera Cloud Mask - MIRCCM
- MISR Level-1B2 Global Mode Terrain-projected Radiance - M1B2T
- MISR Level-1B2 Local Mode Terrain-projected Radiance - MB2LMT
- MISR Level-2 Aerosol Parameters - MIL2ASAE
- MISR Level-2 Surface Parameters - MIL2ASLS
- MISR Level-2 TOA/Cloud Albedo Parameters - MIL2TCAL
- MISR Level-2 TOA/Cloud Classifier Parameters - MIL2TCCL

Select Date or Orbit

☒ by Date

Start Date: Feb 19 2005 00:00:00
End Date: Feb 19 2005 23:59:59

☐ by Orbit

Enter Start Orbit:
Enter End Orbit:

☐ by Path (1-233)

Enter Start Path:
Enter End Path:

☐ Geographic Region



North: 90.00
West: -180.00 East: 180.00
South: -90.00

Search Reset

Document: Done

Search Results

MISR Search Results - Netscape
File Edit View Go Communicator Help

**MISR Search Results**

[New Search](#) [View Cart](#)

6 Granules were returned that satisfied your search.
Please select the granules you wish to order.

Local Granule ID(s)	Start Date	Stop Date	Size (MB)	Version ID
<input type="checkbox"/> MISR_AM1_GP_GMP_P006_O027527_F03_0013.hdf	Feb 19 2005 2:51PM	Feb 19 2005 3:48PM	10.65	13
<input type="checkbox"/> MISR_AM1_GP_GMP_P022_O027528_F03_0013.hdf	Feb 19 2005 4:30PM	Feb 19 2005 5:27PM	10.64	13
<input type="checkbox"/> MISR_AM1_GP_GMP_P038_O027529_F03_0013.hdf	Feb 19 2005 6:09PM	Feb 19 2005 7:06PM	10.65	13
<input type="checkbox"/> MISR_AM1_GP_GMP_P054_O027530_F03_0013.hdf	Feb 19 2005 7:48PM	Feb 19 2005 8:45PM	10.65	13
<input type="checkbox"/> MISR_AM1_GP_GMP_P070_O027531_F03_0013.hdf	Feb 19 2005 9:27PM	Feb 19 2005 10:24PM	10.65	13
<input type="checkbox"/> MISR_AM1_GP_GMP_P223_O027526_F03_0013.hdf	Feb 19 2005 1:13PM	Feb 19 2005 2:09PM	10.65	13

UserID (Your EDG login)

OR


Select Data
Granule

Add to Cart
OR
Subset/Format

Example: Order Complete Granules


Guest Cart - Netscape

File Edit View Go Communicator Help



ATMOSPHERIC
SCIENCES
DATA CENTER

Guest Cart



MISR

Please review the [MISR Quality Summaries](#)

ESDT	File
MIB2GEOP	MISR_AM1_GP_GMP_P203_O025020_F03_0012.hdf
MIB2GEOP	MISR_AM1_GP_GMP_P219_O025021_F03_0012.hdf
MIB2GEOP	MISR_AM1_GP_GMP_P002_O025022_F03_0012.hdf
MIB2GEOP	MISR_AM1_GP_GMP_P018_O025023_F03_0012.hdf
MIB2GEOP	MISR_AM1_GP_GMP_P034_O025024_F03_0012.hdf
MIB2GEOP	MISR_AM1_GP_GMP_P050_O025025_F03_0012.hdf
MIB2GEOP	MISR_AM1_GP_GMP_P066_O025026_F03_0012.hdf
MIB2GEOP	MISR_AM1_GP_GMP_P082_O025027_F03_0012.hdf
MIB2GEOP	MISR_AM1_GP_GMP_P098_O025028_F03_0012.hdf
MIB2GEOP	MISR_AM1_GP_GMP_P114_O025029_F03_0012.hdf
MIB2GEOP	MISR_AM1_GP_GMP_P130_O025030_F03_0012.hdf

Subset Options

None Selected.

Please select an Order type and click on the Submit Order button
Orders with subset require all the following information.

Select Order Type:

Submit Order

Document: Done

Example: Subset by Block 1 of 2

Select a Data Granule

Select Grid &/or Field

Select Geographic Region or Block

The screenshot shows a Netscape browser window titled "MISR Subset/Format Selection - Netscape". The window contains three main sections:


- Select Files for Subsetting/Reformatting:** A list box containing the file "MISR_AM1_GP_GMP_P038_O027529_F03_0013.hdf". A red arrow points from the text "Select a Data Granule" to this list box.
- Select Subset Options:**
 - Select Grid/Field:** Two list boxes, "Grids" and "Fields". The "Grids" list box contains "GeometricParameters". The "Fields" list box contains "SolarAzimuth", "SolarZenith", "DfAzimuth", and "DfZenith". A "List Fields" button is to the right. A red bracket and arrow point from the text "Select Grid &/or Field" to these list boxes.
 - Enter Spatial Coordinates or Blocks:** A section with four input fields for "North", "West", "East", and "South". To the right, there is a text box "Enter a number between 1 and 180" and two input fields for "Start Block" (containing "35") and "End Block" (containing "50"). A red bracket and arrow point from the text "Select Geographic Region or Block" to these input fields.

The status bar at the bottom shows "Document: Done".

Example: Subset by Block 2 of 2


Confirm Subset/Format Selections - Netscape

File Edit View Go Communicator Help



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SCIENCES
DATA CENTER

**Confirm
Subset/Format
Selections**



MISR

Granules: MISR_AM1_GP_GMP_P038_O027529_F03_0013.hdf

Grid GeometricParameters

Fields
Block subsetting will be done

Blocks
35 - 50

Format HDF-EOS conventional grid

Use **Go Back** to change your current selections.
Use **Confirm and New Subset** to add this subset to your cart and then return to the current search results to select other subset options.
Use **Confirm and New Search** to add this subset to your cart and perform a new search.
Use **Confirm and Exit** to add this subset to your cart and then go to your cart page.

Go Back




Confirm and New Subset

Confirm and New Search

Confirm and Exit

User Registration

User Registration - Netscape
File Edit View Go Communicator Help



[New Search](#) [View Cart](#)

New User Registration Form

Title: **First Name: (required)** **Initial:** **Last Name: (required)**
(none)

Organization: **Internet E-Mail Address: (required)**

Street Address: (required)

City: (required)

State/Province: (required)

Zip/Postal Code: (required)

Country: (required)

Telephone: (required) **Fax:**

Shipping Address: Same as contact address (above)
Billing Address: Same as contact address (above)

Your Affiliation:

Type: (required) **Category: (required)**
Choose one ... Choose one ...

Order Submittal

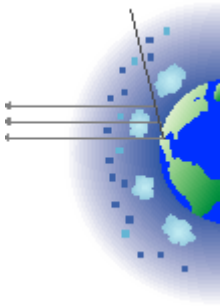


EDG Order Submitted.



Your EDG Order Number is: "0600581241"


An email notification will be sent to *n.a.ritche@larc.nasa.gov*



Imagery

- **MISR Browse Tool** – L1B2 image viewer.
<http://eosweb.larc.nasa.gov/MISRBR/>
- **Level 3 Imagery** – quick access to images and data.
<http://eosweb.larc.nasa.gov/PRODOCS/misr/level3/overview.html>
- **MISR Imagery** – Image of the week, Field Campaigns, U.S. Atlas. <http://eosweb.larc.nasa.gov/HPDOCS/misr/index.html>

MISR Level 3 Imagery



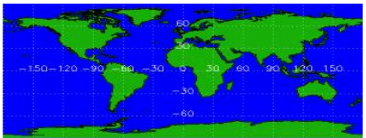
The screenshot shows the MISR Level 3 Imagery Overview page in a web browser. The browser's address bar shows the URL: http://eosweb.larc.nasa.gov/PRODOCS/misr/level3/overview.html. The page has a header with the Atmospheric Sciences Data Center logo and the title "MISR Level 3 Imagery Overview". Below the header, there are navigation links for "Overview of: Data Products | Images | Obtaining Data | MISR at ASDC". A sub-header "MISR Level 3 Imagery: Overview | Products | View Data | Download Data" is also present. The main content area is titled "About this Web Site:" and contains a paragraph about the visualization of select parameters. To the right of this paragraph is a small satellite image. Below the paragraph is a world map showing the global distribution of data. To the right of the map is a section titled "About the Data:" which describes the grid resolution and data availability. Below this is a section titled "About the Images:" which includes a table mapping seasons to months. The table has two columns: "Season" and "Months". The rows are: Winter (December (previous year), January, February), Spring (March, April, May), Summer (June, July, August), Fall (September, October, November), and Annual (December (previous year) - November). Below the table, there is a section titled "Acquiring MISR Level 3 Products" which provides information on how to download the data.

Overview of: [Data Products](#) | [Images](#) | [Obtaining Data](#) | [MISR at ASDC](#)

MISR Level 3 Imagery: Overview | [Products](#) | [View Data](#) | [Download Data](#)

About this Web Site:

Visualization of select parameters available in the MISR Level 3 global data products are provided. The Level 3 products are derived from averaging select Level 1 and Level 2 parameters over daily, monthly, seasonal and annual time periods. Level 3 data contain a range of Level 1 and Level 2 versions. More information about MISR data products and how to obtain them are available from the [MISR data table](#).



About the Data:

The MISR Level 3 global data products are reported on a rectangular grid that is 0.5 degree latitude by 0.5 degree longitude. The upper left corner of the grid is located at 90 N and -180 W. The center of the upper left corner grid cell is at 89.75 N, -179.75 W. In addition, select variances and covariances are also reported at a coarser resolution of 1 degree latitude by 1 degree longitude. Note that there are no images of variances/covariances on this web site, but the data are available in the Level 3 product. [Information](#) about the visualized products are available.

The MISR Level 3 products are in HDF-EOS format. Tools for working with all MISR data product are available from the [MISR data table](#). Other information about HDF-EOS is available from the [HDF-EOS Tools and Information Center](#) and [HDF Info](#). Detailed information about the format of the MISR Level 3 files can be found in the [Data Products Specifications](#) document ([basic file format information](#)).

Before using MISR Data products, please read the documentation including [Data Quality](#) and [Versioning](#) statements available from the [MISR data table](#).

About the Images:

[Images in JPEG format](#) show parameters averaged over monthly, seasonal, or annual time periods. The seasons are named for the season in the northern hemisphere (see the table at right).

Note that although there are daily products, they are not displayed on this web page. Information on acquiring the daily products is available from the [MISR data table](#).

Images can be viewed as a traditional flat map, or as a three dimensional globe. The globe requires Java and Java 3D (see [Help with Globe](#) for details).

Images can be animated through each month or season of a year. Advanced options allow animation through all years. Radiances can also be animated through the nine MISR views.

As an aid to visualization the continental outline from the CIA World Map database was added to the images of some Level 3 parameters. The continental outlines are not present in the MISR Level 3 product files.

Acquiring MISR Level 3 Products

Before using MISR Data products, please read the documentation including [Data Quality](#) and [Versioning](#) statements available from the [MISR data table](#).


Data can be downloaded from the "[View Data](#)" or the "[Download data](#)" pages or directly from the [data pool](#).

All MISR data products can also be ordered through the EOS Data Gateway (EDG) as FTP delivery or on media. Information on ordering the data through the EDG can be found on the [MISR data table](#).

MISR Level 3 Imagery: Overview | [Products](#) | [View Data](#) | [Download Data](#)


[MISR Data Table](#) | [ASDC Home Page](#) | [Questions/Feedback](#)

MISR Level 3 Imagery Product Descriptions



MISR Level 3 Products

[Overview](#) | [Products](#) | [View Data](#) | [Download Data](#)

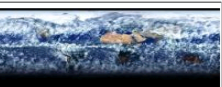
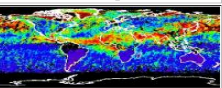
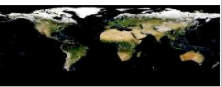
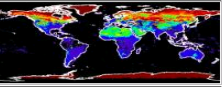
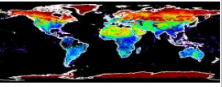
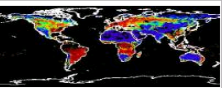
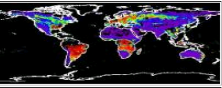
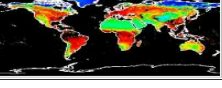


There are currently three types of Level 3 products: [Radiance](#), [Aerosol](#), and [Land Surface](#). Each Level 3 product summarizes selected parameters from one Level 1 or Level 2 product. Level 3 data contain a range of Level 1 and Level 2 versions.

Further information about the Level 1 and Level 2 data products can be found on the [MISR data table](#), and by consulting the [Algorithm Theoretical Basis Documents](#).

Before using MISR Data products, please read the documentation including [Data Quality](#) and [Versioning](#) statements available from the [MISR data table](#).

Images available on this web site include the following parameters:

Image Description		
Component Global Georectified Radiance Product (CGGRP): MIL3MRD, MIL3QRD, MIL3YRD		
Parameter	Definition	Sample
Radiance	Radiance data for 4 bands and 9 view angles (details on the MISR instrument). Summary of Level 1 TERRAIN (land) and ELLIPSOID (ocean), Radiance/RQI field.	
Component Global Aerosol Product (CGAS): MIL3MAE, MIL3QAE, MIL3YAE		
Parameter	Definition	Sample
Optical Depth	Aerosol Optical depth, green (555 nm) band. Summary of Level 2 AEROSOL, RegMeanSpectralOptDepth field.	
Component Global Land Surface Product (CGLS): MIL3MLS, MIL3QLS, MIL3YLS		
Parameter	Definition	Sample
DHR	Directional Hemispheric Reflectance (DHR). Spectral albedo of the surface in the absence of the atmosphere. Also known as "black sky" albedo. Summary of Level 2 LAND, LandDHR field.	
DHRPAR	DHR integrated over the Photosynthetically Active Radiation (PAR) band. Summary of Level 2 LAND, DHRPAR field.	
DHRSW	DHR for a broad shortwave band (400-2500 nm), approximated from visible bands. Derived from a linear combination of MISR bands found in the Level 2 LAND, DHR field. Weiss et al ¹	
FPAR	Fractional absorbed Photosynthetically Active Radiation (FPAR). Defined as PAR irradiance absorbed by live vegetation divided by incident PAR irradiance. Summary of Level 2 LAND, FPARBestEstimate field.	
LAI	Leaf Area Index (LAI). Summary of Level 2 LAND, LAIBestEstimate.	
NDVI	Normalized Difference Vegetation Index (NDVI). Summary of Level 2 LAND, NDVI field.	

Weiss M, Baret F, Leroy M, Begue A, Hautecoeur O, Santer R, "Hemispherical reflectance and albedo estimates from the accumulation of across-track sun-synchronous satellite data," J. Geophysical Res. - Atmospheres, **104 (D18)** 22221-22232, September 27, 1999.

MISR Level 3 Imagery Aerosol

MISR Level 3 Aerosol - Netscape

MISR Level 3 Aerosol

ATMOSPHERIC SCIENCES DATA CENTER

MISR Level 3 Aerosol

MISR Level 3 Imagery: [Overview](#) | [Products](#) | [View Data](#) | [Download Data](#)

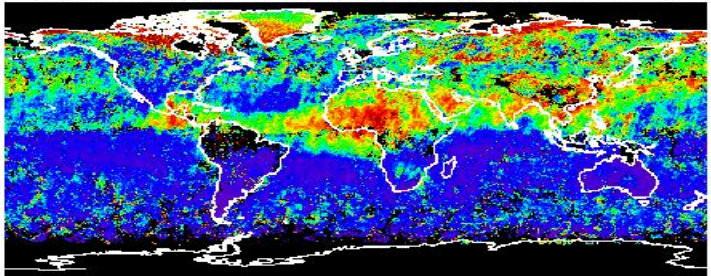
NEW: Select "View Type" of "Globe" to view data as a 3D globe. Select "Flat Map" to view as a traditional map. The 3D globe requires the free Java and Java 3D libraries, see [Help with Globe](#) for details.

Input version for data being viewed: F08_0016

Download Type
[Print](#) [Download](#) [Help](#)

Optical Depth

Optical depth April 2005 F02_0014
Summarizes L2 AS AEROSOL, RegMeanSpectralOptDepth field F08_0016, 0.5 deg res



Optical depth

0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0

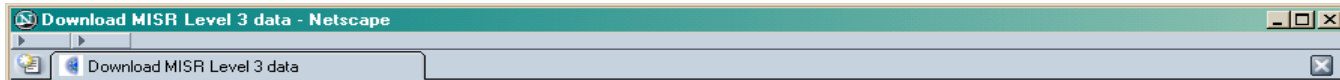
[Animate](#) [Stop](#) [Pause](#) [Slower](#) [Default Speed](#) [Faster](#) [Advanced Options](#)



Year Month/Season [Previous](#) [Next](#)

View Type View Image Size

- Level 3 data contain a range of Level 1 and Level 2 versions.
- Before using MISR Data products, please read the documentation including [Data Quality](#) and [Versioning](#) statements available from the [MISR data table](#).

MISR Level 3 Imagery Data Download



Download MISR Level 3 data

MISR Level 3 Imagery: [Overview](#) | [Products](#) | [View data](#) | [Download data](#)

Before using the MISR Level 3 products, you should read the documentation including the [Quality Statements](#) available from the [MISR data table](#).

All MISR data products can be ordered through the EOS Data Gateway as FTP download or on media. Information on ordering the data can be found on the [MISR data table](#).

The download table contains entries for "Not available". Data is not available either because it was never acquired (i.e., before March 2000 when MISR was turned on), or because the data has not yet been reprocessed with the latest algorithms.

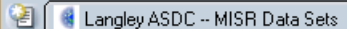

Older browsers may not recognize the HDF file type, and will attempt to render the HDF file as text rather than saving it to disk. If this occurs, you will need to set the preferences for your browser to handle data with a ".hdf" suffix. Consult your browser documentation on how to do this.


You may download the data directly from the data pool: [Aerosol](#) | [Land](#) | [Radiance](#) or select the appropriate link below.

[2000](#) | [2001](#) | [2002](#) | [2003](#) | [2004](#) | [2005](#)
 Download Type


Year	Season	Aerosol	Land/Surface	Radiance
2000	Annual	Download data	Download data	Download data
	Winter	Not available	Not available	Not available
	Spring	Download data	Download data	Download data
	Summer	Download data	Download data	Download data
	Fall	Download data	Download data	Download data
	January	Not available	Not available	Not available
	February	Not available	Not available	Not available
	March	Download data	Download data	Download data
	April	Download data	Download data	Download data
	May	Download data	Download data	Download data
	June	Download data	Download data	Download data
	July	Download data	Download data	Download data
	August	Download data	Download data	Download data
	September	Download data	Download data	Download data
	October	Download data	Download data	Download data
	November	Download data	Download data	Download data
	December	Download data	Download data	Download data

Access the Browse Tool





MISR Data Sets

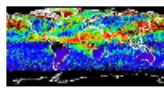


The Multi-angle Imaging SpectroRadiometer (MISR) was successfully launched into sun-synchronous polar orbit aboard Terra, NASA's first Earth Observing System (EOS) spacecraft, on December 18, 1999. MISR measurements are designed to improve our understanding of the Earth's environment and climate.

Viewing the sunlit Earth simultaneously at nine widely-spaced angles, MISR provides radiometrically and geometrically calibrated images in four spectral bands at each of the angles. Spatial sampling of 275 and 1100 meters is provided on a global basis. The MISR FAQ has [more details about the MISR instrument](#). The MISR instrument orbits the Earth about 15 times each day. There are 233 distinct orbits which are repeated every 16 days. These 233 repeating orbits are called paths, and since the paths overlap, near global coverage is obtained in 9 days. The MISR data products are available in HDF-EOS format.

[Available Data Products](#)

Free [MISR Workshop](#): May 22, 2005 before the 2005 Joint Assembly, New Orleans, Louisiana.

Documentation	Processing Information	Data	Tools	Relevant Links
<ul style="list-style-type: none">♦ Frequently Asked Questions♦ Data Products Specifications♦ Data Quality Statements♦ Data Versioning♦ Project Guide♦ Algorithm Theoretical Basis Documents	<p>Production Report:</p> <ul style="list-style-type: none">♦ Level 1♦ Local Mode♦ Level 2♦ Level 3 Daily♦ Level 3 Monthly, Quarterly, Yearly <p>Processing Status:</p> <ul style="list-style-type: none">♦ Level 1B2, LM, Geometric♦ Level 2 Products♦ Level 3 Radiance♦ Level 3 Aerosol/Land	<p>Special Products:</p> <ul style="list-style-type: none">♦ "Clim-Likely" Aerosols♦ EOS Validation Data <p>Ordering:</p> <ul style="list-style-type: none">♦ Data Pool♦ Search and Order Tips♦ Subset and Reformat♦ EOS Data Gateway (EDG)	<ul style="list-style-type: none">♦ Orbit/Date Conversion♦ Lat/Lon to Path/Block Conversion♦ Software♦ MISR Browse Tool	<ul style="list-style-type: none">♦ Join MISR News List♦ MISR Home Page♦ Imagery & Atlas♦ Level 3 Imagery♦ AirMISR Data <p>MISR supported experiments:</p> <ul style="list-style-type: none">♦ C-MARE♦ ICARTT♦ RICO♦ IIAE

MISR Browse Tool - Data Day 13

Instructions

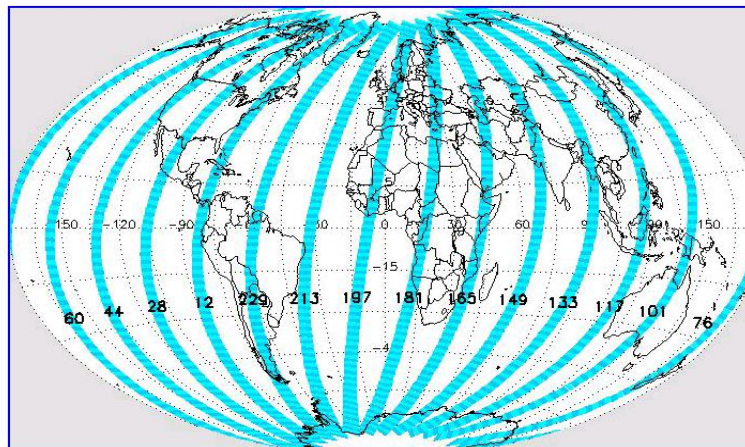
Navigate the MISR Browse Tool using either the [table](#) (recommended for Internet Explorer) or the [map](#).

- Click on a Data Day number in the table to view the paths for the selected day on the map.
- Click on a path number in the table to view a browse image centered at block 90 (the equator).
- Run the cursor over a path on the map to see block information listed on window border.
- Click on a block within a path to view a browse image centered at that block.

[MISR Orbit/Date Tool](#) | [Lat/Lon to MISR Path/Block Tool](#)

Select Data Day	Select Path to View
1	8, 24, 40, 56, 72, 88, 97, 113, 129, 145, 161, 177, 193, 209, 225
2	15, 31, 47, 63, 79, 104, 120, 136, 152, 168, 184, 200, 216, 232
3	6, 22, 38, 54, 70, 86, 95, 111, 127, 143, 159, 175, 191, 207, 223
4	13, 29, 45, 61, 77, 102, 118, 134, 150, 166, 182, 198, 214, 230
5	4, 20, 36, 52, 68, 84, 93, 109, 125, 141, 157, 173, 189, 205, 221
6	11, 27, 43, 59, 75, 100, 116, 132, 148, 164, 180, 196, 212, 228
7	2, 18, 34, 50, 66, 82, 91, 107, 123, 139, 155, 171, 187, 203, 219
8	9, 25, 41, 57, 73, 89, 98, 114, 130, 146, 162, 178, 194, 210, 226
9	16, 32, 48, 64, 80, 105, 121, 137, 153, 169, 185, 201, 217, 233
10	7, 23, 39, 55, 71, 87, 96, 112, 128, 144, 160, 176, 192, 208, 224
11	14, 30, 46, 62, 78, 103, 119, 135, 151, 167, 183, 199, 215, 231
12	5, 21, 37, 53, 69, 85, 94, 110, 126, 142, 158, 174, 190, 206, 222
13	12, 28, 44, 60, 76, 101, 117, 133, 149, 165, 181, 197, 213, 229
14	3, 19, 35, 51, 67, 83, 92, 108, 124, 140, 156, 172, 188, 204, 220
15	10, 26, 42, 58, 74, 99, 115, 131, 147, 163, 179, 195, 211, 227

Paths Viewed on Data Day 13



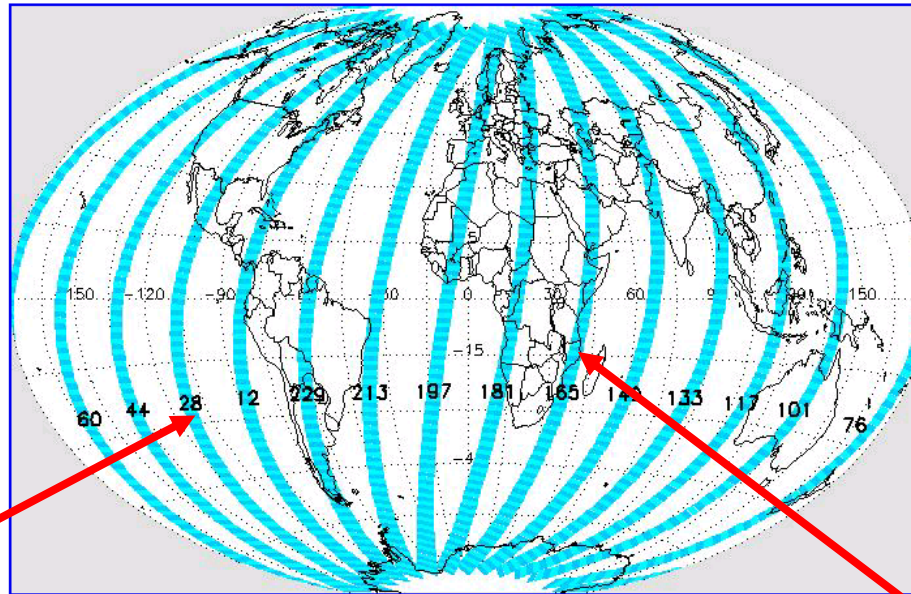
[^Top of Page](#) | [MISR Browse Main Page](#) | [ASDC Main Page](#)



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Last Updated: Fri Sep 06 09:07:33 GMT-0400 (Eastern Daylight Time) 2002

14	3 , 19 , 35 , 51 , 67 , 83 , 92 , 108 , 124 , 140 , 156 , 172 , 188 , 204 , 220
15	10 , 26 , 42 , 58 , 74 , 99 , 115 , 131 , 147 , 163 , 179 , 195 , 211 , 227
16	1 , 17 , 33 , 49 , 65 , 81 , 90 , 106 , 122 , 138 , 154 , 170 , 186 , 202 , 218

Paths Viewed on Data Day 13



Paths

Data Day

Paths

[^Top of Page](#) | [MISR Browse Main Page](#) | [ASDC Main Page](#)

Blocks



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<http://eosweb.larc.nasa.gov/MISRBR/selectio.html?PATH=165&Block=101>

Run the cursor over a path on the map to see block information listed on window border. Click on a block within a path to view a browse image centered at that block.

Determine Orbit or Date

MISR Orbit Tool - Netscape

MISR Orbit Tool

Enter orbit number to obtain date, path, and data day

Orbit number:

Enter date to obtain orbits, paths and data day for that date

Date (MM/DD/YYYY):

Orbit	Path	Data Day
15038	96	10
15039	112	10
15040	128	10
15041	144	10
15042	160	10
15043	176	10
15044	192	10
15045	208	10
15046	224	10
15047	7	10
15048	23	10
15049	39	10
15050	55	10
15051	71	10
15052	87	10

MISR Browse Tool - Data Day 13

Instructions

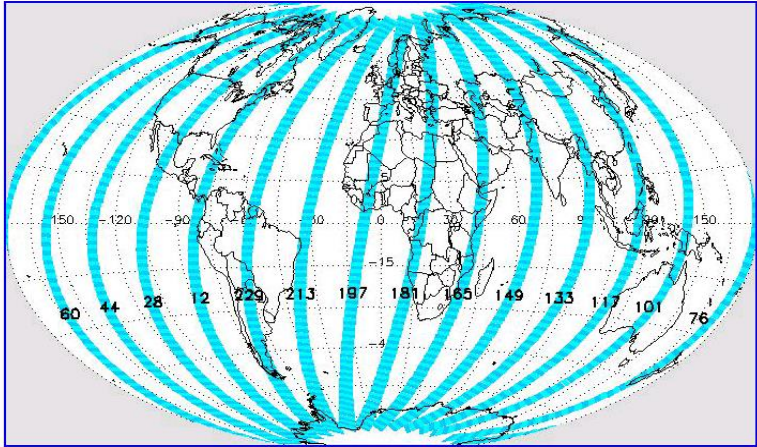
Navigate the MISR Browse Tool using either the [table](#) (recommended for Internet Explorer) or the [map](#).

- Click on a Data Day number in the table to view the paths for the selected day on the map.
- Click on a path number in the table to view a browse image centered at block 90 (the equator).
- Run the cursor over a path on the map to see block information listed on window border.
- Click on a block within a path to view a browse image centered at that block.


[MISR Orbit/Date Tool](#) | [Lat/Lon to MISR Path/Block Tool](#)

Select Data Day	Select Path to View
1	8, 24, 40, 56, 72, 88, 97, 113, 129, 145, 161, 177, 193, 209, 225
2	15, 31, 47, 63, 79, 104, 120, 136, 152, 168, 184, 200, 216, 232
3	6, 22, 38, 54, 70, 86, 95, 111, 127, 143, 159, 175, 191, 207, 223
4	13, 29, 45, 61, 77, 102, 118, 134, 150, 166, 182, 198, 214, 230
5	4, 20, 36, 52, 68, 84, 93, 109, 125, 141, 157, 173, 189, 205, 221
6	11, 27, 43, 59, 75, 100, 116, 132, 148, 164, 180, 196, 212, 228
7	2, 18, 34, 50, 66, 82, 91, 107, 123, 139, 155, 171, 187, 203, 219
8	9, 25, 41, 57, 73, 89, 98, 114, 130, 146, 162, 178, 194, 210, 226
9	16, 32, 48, 64, 80, 105, 121, 137, 153, 169, 185, 201, 217, 233
10	7, 23, 39, 55, 71, 87, 96, 112, 128, 144, 160, 176, 192, 208, 224
11	14, 30, 46, 62, 78, 103, 119, 135, 151, 167, 183, 199, 215, 231
12	5, 21, 37, 53, 69, 85, 94, 110, 126, 142, 158, 174, 190, 206, 222
13	12, 28, 44, 60, 76, 101, 117, 133, 149, 165, 181, 197, 213, 229
14	3, 19, 35, 51, 67, 83, 92, 108, 124, 140, 156, 172, 188, 204, 220
15	10, 26, 42, 58, 74, 99, 115, 131, 147, 163, 179, 195, 211, 227

Paths Viewed on Data Day 13



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Enter Latitude & Longitude

Back Forward Reload Home Search Netscape Print Security Shop Stop

Bookmarks Location: <http://eosweb.larc.nasa.gov/MISRBR/day1.html> What's Related

MISR Browse Tool - Data Day 1

Instructions

Navigate the MISR Browse Tool using either the [table](#) (recommended for Internet Explorer) or the [map](#).

- Click on a Data Day number in the table to view the paths for the selected day on the map.
- Click on a path number in the table to view a browse image centered at block 90 (the equator).
- Run the cursor over a path on the map to see block information listed on window border.
- Click on a block within a path to view a browse image centered at that block.

[MISR Orbit/Date Tool](#) | [Lat/Lon to MISR Path/Block Tool](#)

MISR Location - Netscape

MISR Paths/Blocks Intersecting a Lat/Lon Box

Enter the minimum and maximum latitude and longitude values for the area of interest. A list of the corresponding MISR paths and blocks will be returned.

Lat/lon values should be entered as decimal values (e.g. -12.34) with negative values used for South latitudes and West longitudes.

Minimum Latitude:

Maximum Latitude:

Minimum Longitude:

Maximum Longitude:

Select Data Day	Select Path to View
1	8, 24, 40, 56, 72, 88, 97, 113, 129, 145, 161, 177, 193, 209, 225
2	15, 31, 47, 63, 79, 104, 120, 136, 152, 168, 184, 200, 216, 232
3	6, 22, 38, 54, 70, 86, 95, 111, 127, 143, 159, 175, 191, 207, 223
4	13, 29, 45, 61, 77, 102, 118, 134, 150, 166, 182, 198, 214, 230
5	4, 20, 36, 52, 68, 84, 93, 109, 125, 141, 157, 173, 189, 205, 221
6	11, 27, 43, 59, 75, 100, 116, 132, 148, 164, 180, 196, 212, 228
7	2, 18, 34, 50, 66, 82, 91, 107, 123, 139, 155, 171, 187, 203, 219
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9	16, 32, 48, 64, 80, 105, 121, 137, 153, 169, 185, 201, 217, 233
10	7, 23, 39, 55, 71, 87, 96, 112, 128, 144, 160, 176, 192, 208, 224

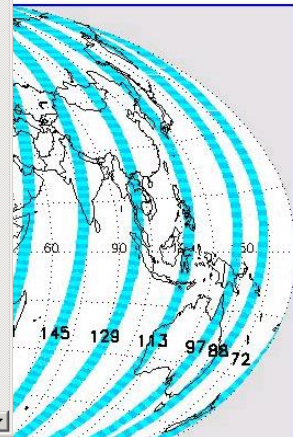
MISR path/block info - Netscape

MISR Paths/Blocks intersecting the lat/lon box bounded by:

Minimum Latitude: -26.0
Maximum Latitude: -12.0
Minimum Longitude: 42.0
Maximum Longitude: 53.0

(Note: Results may take several seconds to appear.)

Path	Block
153	109
153	110
153	111
154	104
154	105
154	106
154	107
154	108



Obtain
Paths &
Blocks

Bookmarks Location: http://eosweb.larc.nasa.gov/MISRBR/day13.html

MISR Browse Tool - Data Day 13

Instructions

Navigate the MISR Browse Tool using either the [table](#) (recommended for Internet Explorer) or the [map](#).

- Click on a Data Day number in the table to view the paths for the selected day on the map.
- Click on a path number in the table to view a browse image centered at block 90 (the equator).
- Run the cursor over a path on the map to see block information listed on window border.
- Click on a block within a path to view a browse image centered at that block.

[MISR Orbit/Date Tool](#) | [Lat/Lon to MISR Path/Block Tool](#)

Select Data Day	Select Path to View
1	8, 24, 40, 56, 72, 88, 97, 113, 129, 145, 161, 177, 193, 209, 225
2	15, 31, 47, 63, 79, 104, 120, 136, 152, 168, 184, 200, 216, 232
3	6, 22, 38, 54, 70, 86, 95, 111, 127, 143, 159, 175, 191, 207, 223
4	13, 29, 45, 61, 77, 102, 118, 134, 150, 166, 182, 198, 214, 230
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8	9, 25, 41, 57, 73, 89, 98, 114, 130, 146, 162, 178, 194, 210, 226
9	16, 32, 48, 64, 80, 105, 121, 137, 153, 169, 185, 201, 217, 233
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13	12, 28, 44, 60, 76, 101, 117, 133, 149, 165, 181, 197, 213, 229
14	3, 19, 35, 51, 67, 83, 92, 108, 124, 140, 156, 172, 188, 204, 220
15	10, 26, 42, 58, 74, 99, 115, 131, 147, 163, 179, 195, 211, 227

Paths Viewed on Data Day 13

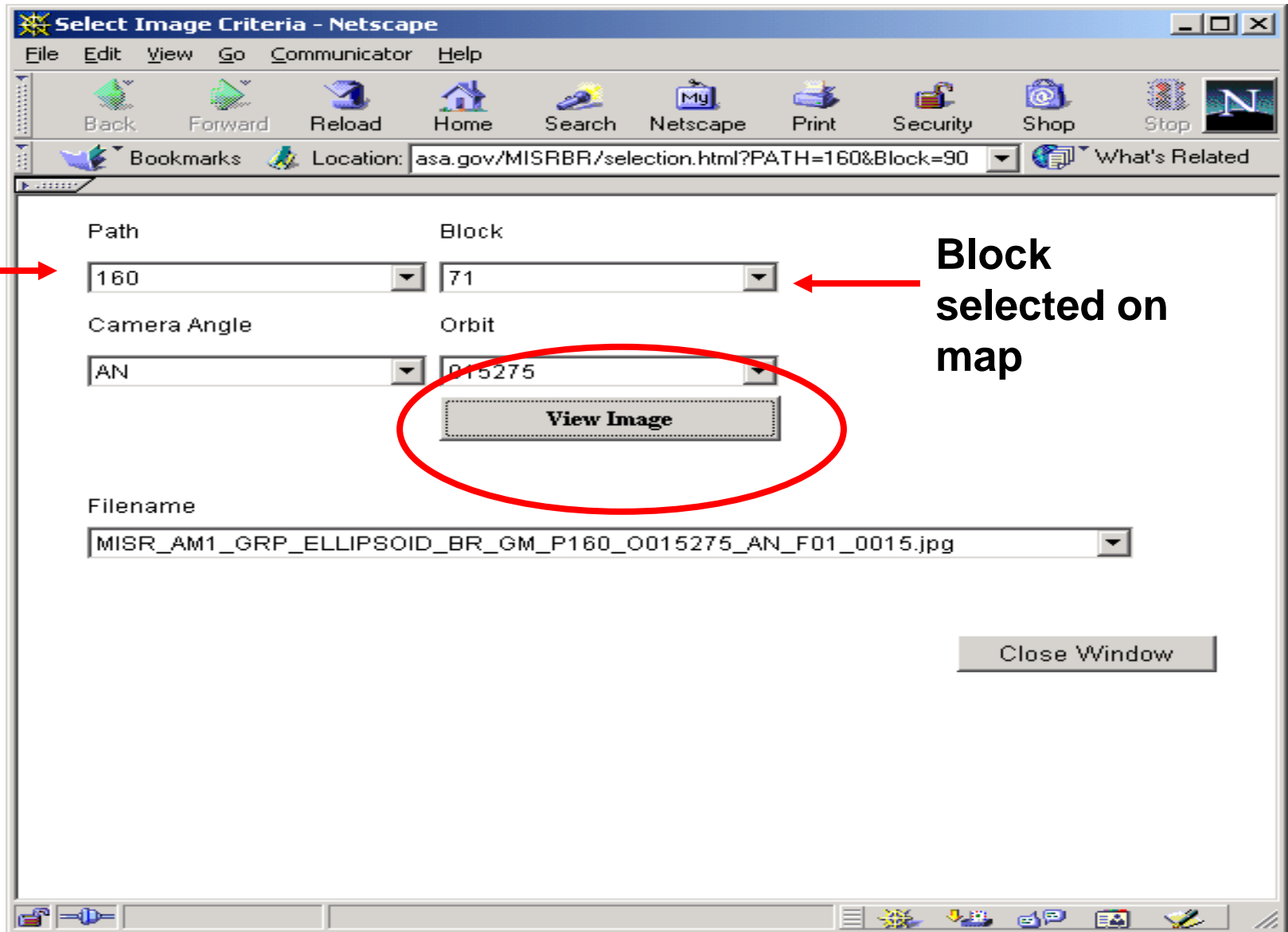
[^Top of Page](#) | [MISR Browse Main Page](#) | [ASDC Main Page](#)

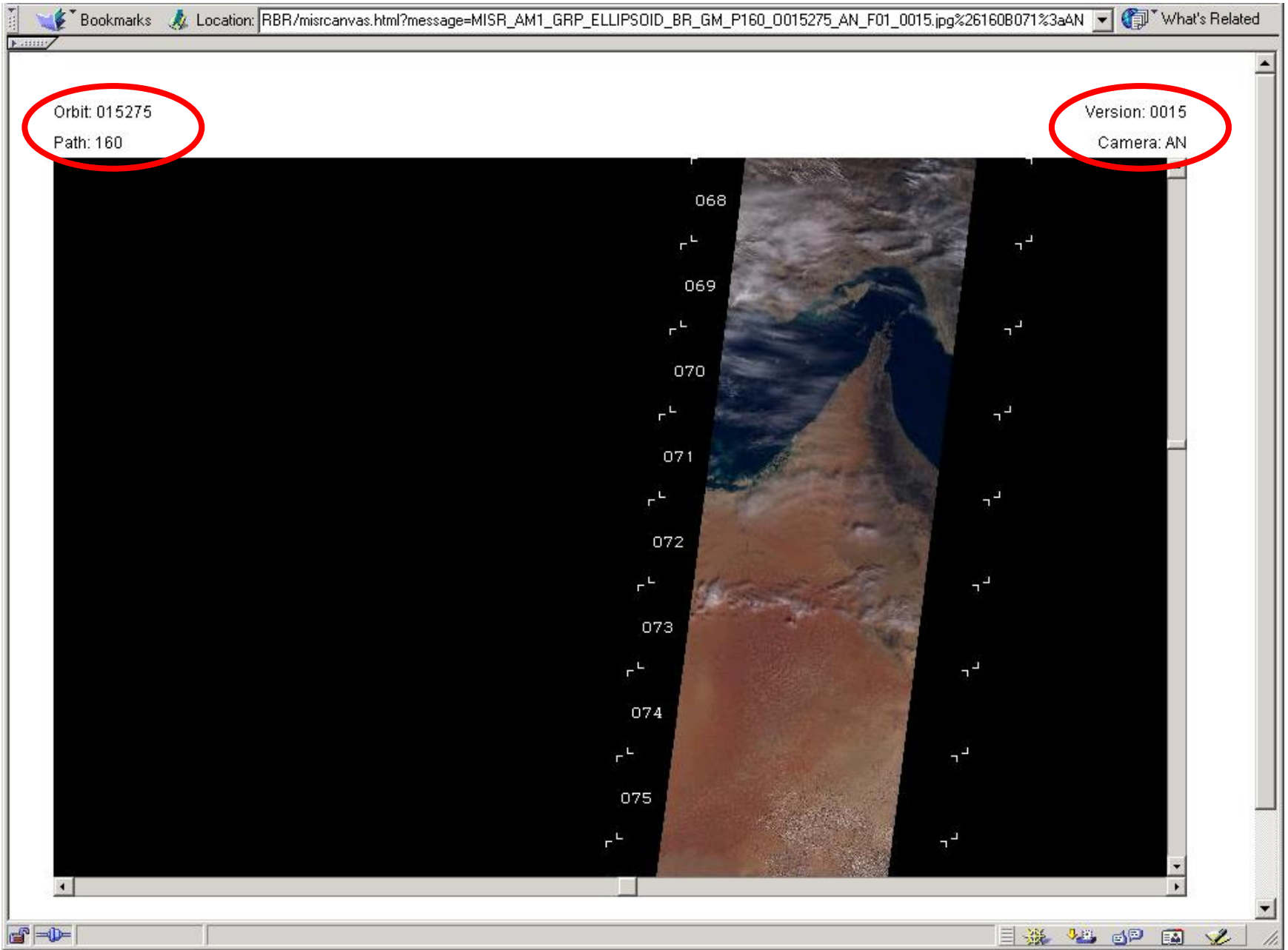
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Document: Done

Select path of
interest, Ex.
Path 160
Blocks 68 – 75
Data Day 10

Or click on map





Orbit: 015275

Path: 160

Version: 0015

Camera: AN

068

r^L

069

r^L

070

r^L

071

r^L

072

r^L

073

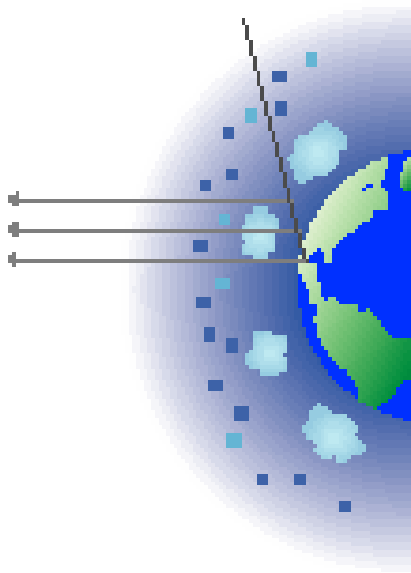
r^L

074

r^L

075

r^L



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