Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER) Moderate Resolution Imaging Spectroradiometer (MODIS)

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LP DAAC User Services

- **Provide support to users on data related problems;**

- **LP DAAC Contact Information:**

LP DAAC User Services

USGS/EROS Data Center

47914 252nd Street

Sioux Falls, SD 57198-001

Voice: 605-594-6116

Toll Free: 866-LPE-DAAC (573-3222)

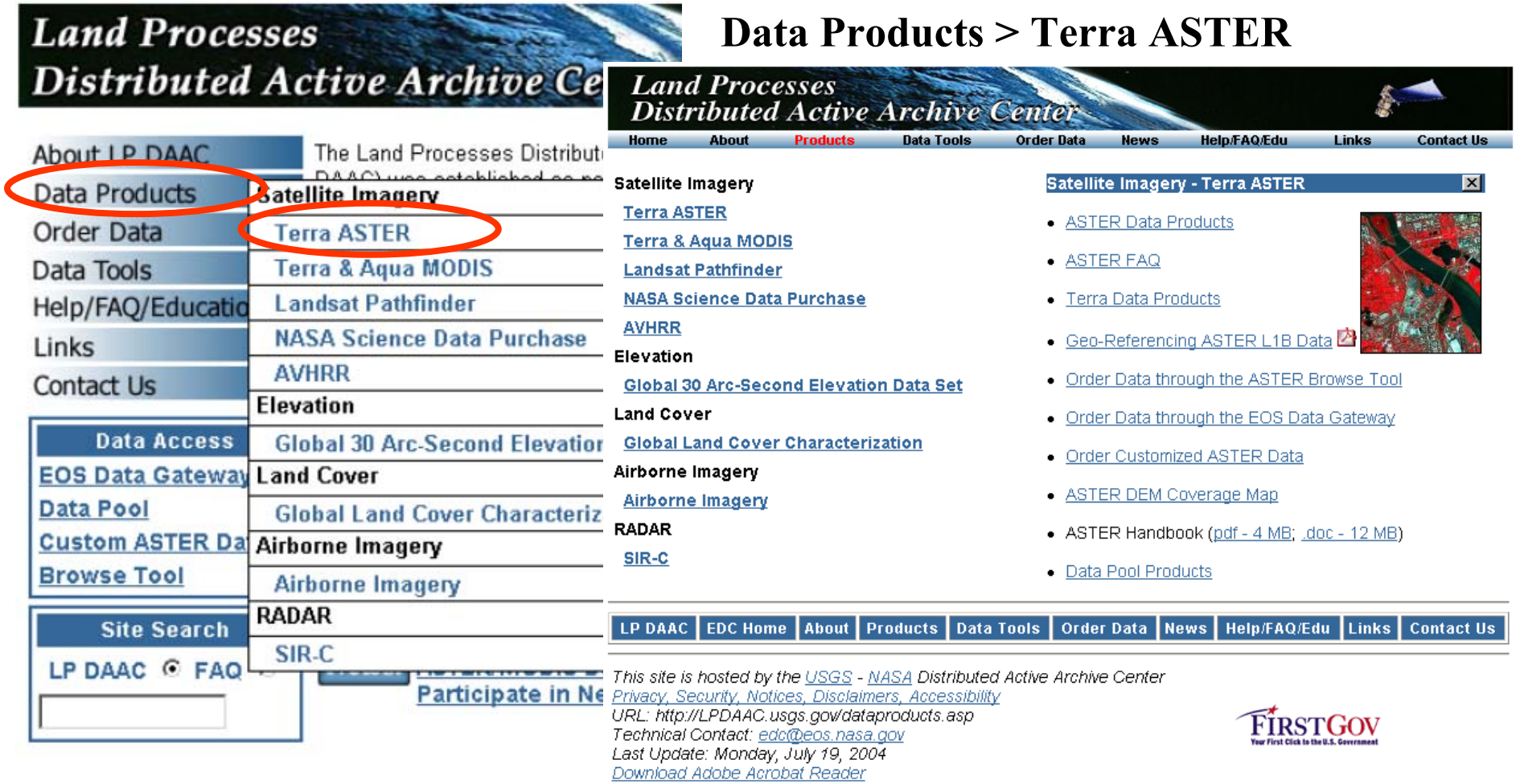
Fax: 605-594-6963

E-mail: edc@eos.nasa.gov

LP DAAC User Services

http://lpdaac.usgs.gov/main.asp

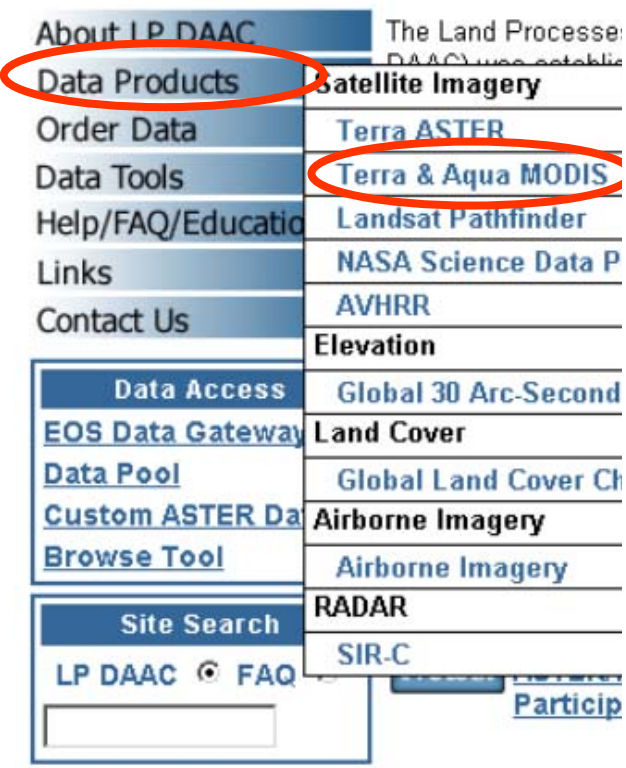
Data Products > Terra ASTER



LP DAAC User Services

http://lpdaac.usgs.gov/main.asp

Data Products > Terra & Aqua MODIS



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ASTER Data Products Distributed from the Land Processes DAAC

ASTER Data Products Distributed from the Land Processes DAAC

ASTER Product Name		Level	Spatial Resolution	Product Release Date	Cost/Scene ◆
Routine Products					
AST_L1A (ASTER Level 1A Reconstructed Unprocessed Instrument Data)*		L1A	15, 30, 90 m	10-Nov-00	$55
AST_L1B (ASTER Level 1B Registered Radiance at Sensor)**		L1B	15, 30, 90 m	10-Nov-00	$55
AST_L1AE (ASTER Expedited L1A Reconstructed Unprocessed Instrument Data)*		L1A	15, 30, 90 m	27-Apr-01	$0
AST_L1BE (ASTER Expedited L1B Registered Radiance at Sensor)**		L1B	15, 30, 90 m	27-Apr-01	$0
On-Demand Products created from Level 1B data (DEMs created from Level 1A data)					
AST_04	(ASTER On-Demand L2 Brightness Temperature at the Sensor)	L2	90 m	22-Dec-00	$0
AST_05	(ASTER On-Demand L2 Surface Emissivity)	L2	90 m	9-Apr-01	$0
AST_06VD	(ASTER On-Demand L2 Decorrelation Stretch VNIR)	L2	15 m	22-Dec-00	$0
AST_06VS	(ASTER On-Demand L2 Decorrelation Stretch SWIR)	L2	30 m	22-Dec-00	$0
AST_06VT	(ASTER On-Demand L2 Decorrelation Stretch TIR)	L2	90 m	22-Dec-00	$0
AST_07	(ASTER On-Demand L2 Surface Reflectance VNIR)	L2	15 m	24-Jan-01	$0
AST_07	(ASTER On-Demand L2 Surface Reflectance SWIR)	L2	30 m	24-Jan-01	$0
AST_08	(ASTER On-Demand L2 Surface Kinetic Temperature)	L2	90 m	9-Apr-01	$0
AST_09	(ASTER On-Demand L2 Surface Radiance VNIR)	L2	15 m	24-Jan-01	$0
AST_09	(ASTER On-Demand L2 Surface Radiance SWIR)	L2	30 m	24-Jan-01	$0
AST_09T	(ASTER On-Demand L2 Surface Radiance TIR)	L2	90 m	28-Mar-01	$0
AST13POL	(ASTER On-Demand L2 Polar Surface & Cloud Classification)	L2	30 m	26-Oct-01	$0
AST14DEM	(ASTER Digital Elevation Model)	L3	30 m	16-Mar-01	$0

* Acquisition Date for ASTER L1A starts March 8, 2000 (including L3 DEM product).
** Acquisition Date for ASTER L1B (& derived L2 On-Demand products) starts March 12, 2000.
◆ A $5 handling fee will be applied per hard media order. Product prices subject to change.

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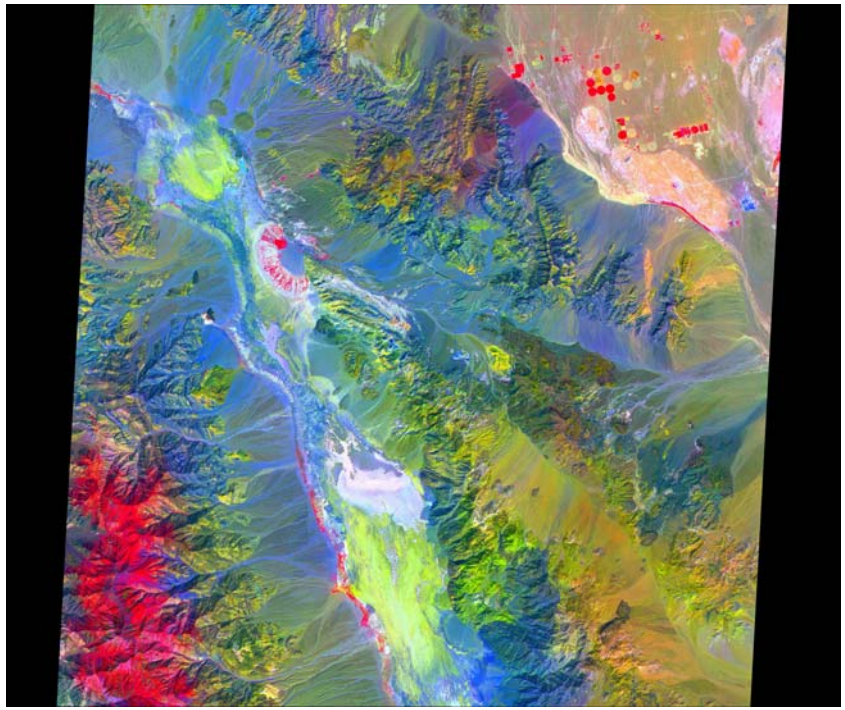
ASTER Level-1B:
Registered Radiance at Sensor

Level: 1B
Units: w/m^2/sr/µm
Resolution: 15, 30, 90 m
Size: 118 MB
Mode: Routine

Description: Contains radiometrically calibrated and geometrically co-registered data for all the ASTER channels. Both intra- and inter-telescope registration have been applied.

ASTER Decorrelation Stretch: VNIR, SWIR, & TIR

Level: 2
Units: none
Resolution: 15, 30, 90 m
Size: 53, 13, 1 MB
Mode: Routine/On-demand



Description: A decorrelation stretch algorithm is applied to all three telescopes of the at-sensor radiance product. In VNIR and SWIR, it enhances band-to-band reflectance variations. In TIR, it enhances band-to-band emissivity variations. The decorrelation stretch algorithm calculates the principal components of the three telescope's images, normalizes the variances of the vectors, and then rotates back into RGB color space.

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ASTER Data File Naming Convention

The file naming convention for the ASTER L1B Registered Radiance at Sensor product follows:

Example:

AST_L1B_003_04302000030026_04192003055800.hdf.met
AST_L1B_003_04302000030026_04192003055800.hdf.xml (from DataPool)
AST_L1B_003_04302000030026_04192003055800.hdf

Term	Definition
AST_L1B_003	AST_L1B version 3 product
04302000	data acquisition date of 04/30/2000
030026	acquisition time of 03:00:26 (03 hour 00 minute 26 second GMT)
04192003	data production date of 04/19/2003
055800	production time of 05:58:00 (05 hour 58 minute 00 second)

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ASTER Data File Naming Convention

The file naming convention for the ASTER 07 surface reflectance product follows:

Example:
AST_07_00309162003160938 0000000.hdf.met
AST_07_00309162003160938 0000000.hdf0
AST_07_00309162003160938 0000000.hdf1

Term	Definition
AST_07_003	surface reflectance processed on top of a version 3 AST_L1B
09162003	data acquisition date of 09/16/2003
160938	acquisition time of 16:09:38 (16 hour 09 minute 38 second GMT)
0000000	an extra field for processing indicators

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MODIS Data distributed from Land Processes DAAC

Table 1. LP DAAC DISTRIBUTED MODIS DATA PRODUCTS

CMG Climate Model Grid 0.05 Deg Lat/Lon = 5600m ***Products in Italics are not yet released publicly***

Product	Terra V004	Aqua V003	Aqua V004
Surface Reflectance			
Surface Reflectance 8-Day L3 Global 500m	MOD09A1	MYD09A1	MYD09A1
Surface Reflectance Daily L2G Global 0.05Deg CMG	*MOD09CMG*	*MYD09CMG*	*MYD09CMG*
Surface Reflectance Daily L2G Global 500m	MOD09GHK	MYD09GHK	MYD09GHK
Surface Reflectance Daily L2G Global 250m	MOD09GQK	MYD09GQK	MYD09GQK
Surface Reflectance Quality Daily L2G Global 1km	MOD09GST	MYD09GST	MYD09GST
Surface Reflectance 8-Day L3 Global 250m	MOD09Q1	MYD09Q1	MYD09Q1
Land Surface Temperature and Emissivity			
Land Surface Temp/Emissivity 5-Min L2 Swath 1km	MOD11_L2	MYD11_L2	MYD11_L2
Land Surface Temp/Emissivity Daily L3 Global 1km	MOD11A1	MYD11A1	MYD11A1
Land Surface Temp/Emissivity 8-Day L3 Global 1km	MOD11A2	MYD11A2	MYD11A2
Land Surface Temp/Emissivity Daily L3 Global 5km	MOD11B1	MYD11B1	MYD11B1
Land Surface Temp/Emissivity Daily L3 Global 0.05Deg CMG	MOD11C1	MYD11C1	MYD11C1
Land Surface Temp/Emissivity 8-Day L3 Global 0.05Deg CMG	MOD11C2	MYD11C2	MYD11C2
Land Surface Temp/Emissivity Monthly L3 Global 0.05DegCMG	MOD11C3	MYD11C3	MYD11C3
Land Cover/Change			
Land Cover Type Yearly L3 Global 0.05Deg CMG	*MOD12C1*	*MYD12C1*	*MYD12C1*
Land Cover Type Yearly L3 Global 1km	*MOD12Q1*	*MYD12Q1*	*MYD12Q1*
Vegetation Indices			
Vegetation Indices 16-Day L3 Global 500m	MOD13A1	MYD13A1	MYD13A1
Vegetation Indices 16-Day L3 Global 1km	MOD13A2	MYD13A2	MYD13A2
Vegetation Indices Monthly L3 Global 1km	*MOD13A3*	----------	MYD13A3
Vegetation Indices 16-Day L3 Global 0.05Deg CMG	*MOD13C1*	----------	*MYD13C1*
Vegetation Indices 16-Day L3 Global 250m	MOD13Q1	MYD13Q1	MYD13Q1

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MODIS Data Products Table 1 (continued)

Thermal Anomalies/Fire			
Thermal Anomalies/Fire 5-Min L2 Swath 1km	MOD14	MYD14	MYD14
Thermal Anomalies/Fire Daily L3 Global 1km	MOD14A1	MYD14A1	MYD14A1
Thermal Anomalies/Fire 8-Day L3 Global 1km	MOD14A2	MYD14A2	MYD14A2
Burn Scars 16-Day L3 Global 500m	*MOD40A3*	*MYD40A3*	*MYD40A3*
Leaf Area Index/Fraction of Photosynthetically Active Radiation (LAI/FPAR)			
Leaf Area Index/FPAR 8-Day L4 Global 1km	MOD15A2	MYD15A2	MYD15A2
Net Primary Vegetation Production			
Net Photosynthesis 8-Day L4 Global 1km	MOD17A2	*MYD17A2*	*MYD17A2*
Net Primary Production Yearly L4 Global 1km	*MOD17A3*	*MYD17A3*	*MYD17A3*
Surface Resistance 8-Day L4 Global 1km	*MOD16A2*	*MYD16A2*	*MYD16A2*
Bidirectional Reflectance Distribution Function / Albedo			
BRDF/Albedo Model-1 16-Day L3 Global 1km	MOD43B1	---------	*MCD43B1
Albedo 16-Day L3 Global 1km	MOD43B3	---------	*MCD43B3
Nadir BRDF-Adjusted Reflectance 16-Day L3 Global 1km	MOD43B4	---------	*MCD43B4
Albedo 16-Day L3 Global 0.05Deg CMG	MOD43C1	---------	*MCD43C1
BRDF/Albedo Parameters 16-Day L3 Global 0.05Deg CMG	MOD43C2	---------	*MCD43C2
NadirBRDFAdjustedReflectance16Day L3 Global 0.05DegCMG	MOD43C3	---------	*MCD43C3
Vegetation Conversion/Continuous Fields			
Vegetation Cover Conversion Monthly L3 Global 250m	*MOD44A*	*MYD44A*	*MYD44A*
Vegetation Continuous Fields Yearly L3 Global 500m	*MOD44B*	*MYD44B*	*MYD44B*
Geolocation Angles			
Geolocation Angles Daily L2G Global 1km Day	MODMGGAD	MYDMGGAD	MYDMGGAD
Pointer Files			
Observation Pointers Daily L2G Global 1km Day	MODPT1KD	MYDPT1KD	MYDPT1KD
Observation Pointers Daily L2G Global 500m	MODPTHKM	MYDPTHKM	MYDPTHKM
Observation Pointers Daily L2G Global 250m	MODPTQKM	MYDPTQKM	MYDPTQKM

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Most Popular MODIS Products

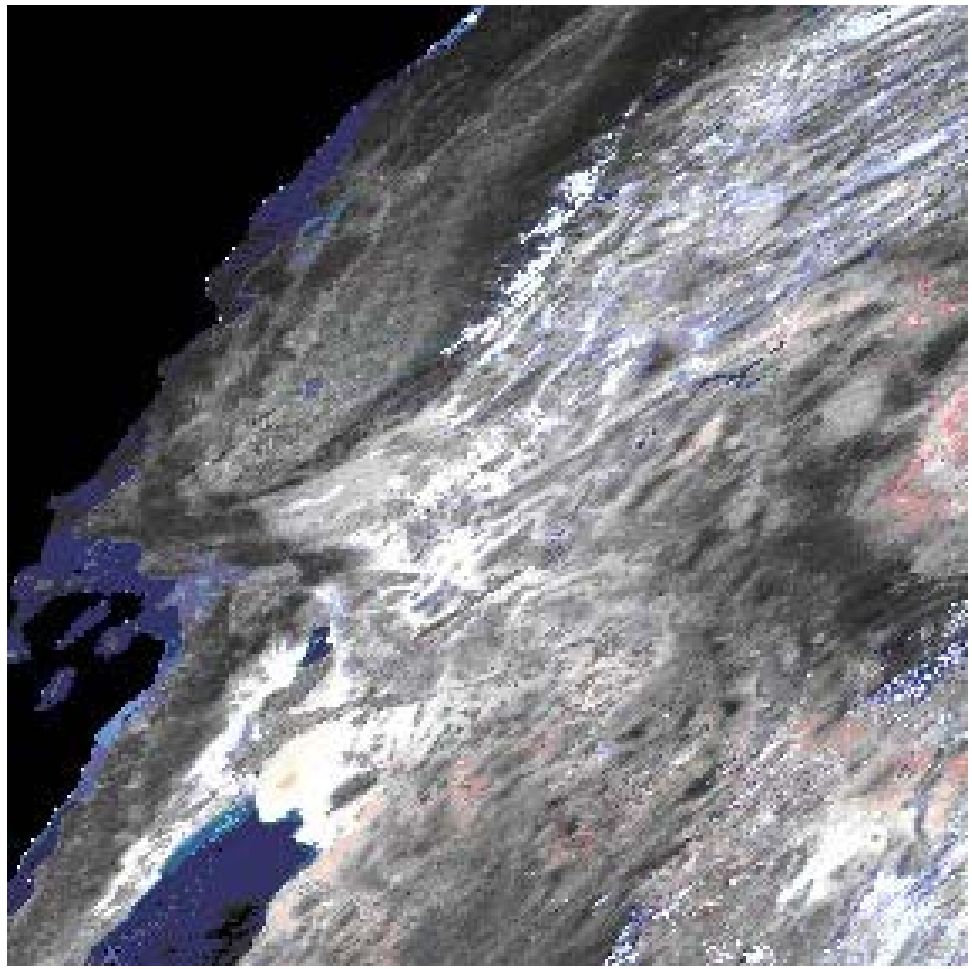
•*Surface Reflectance* (MOD09)

MODIS/Terra Surface Reflectance 8-Day L3 Global 500m ISIN Grid

The MOD09A1 image shown is a sample of the Level 3, 8-day composite of 500m Level 2G Surface Reflectance bands 1 (red), 4 (green), and 3 (blue).

This product is computed from the MODIS Level 1B land bands 1-7.

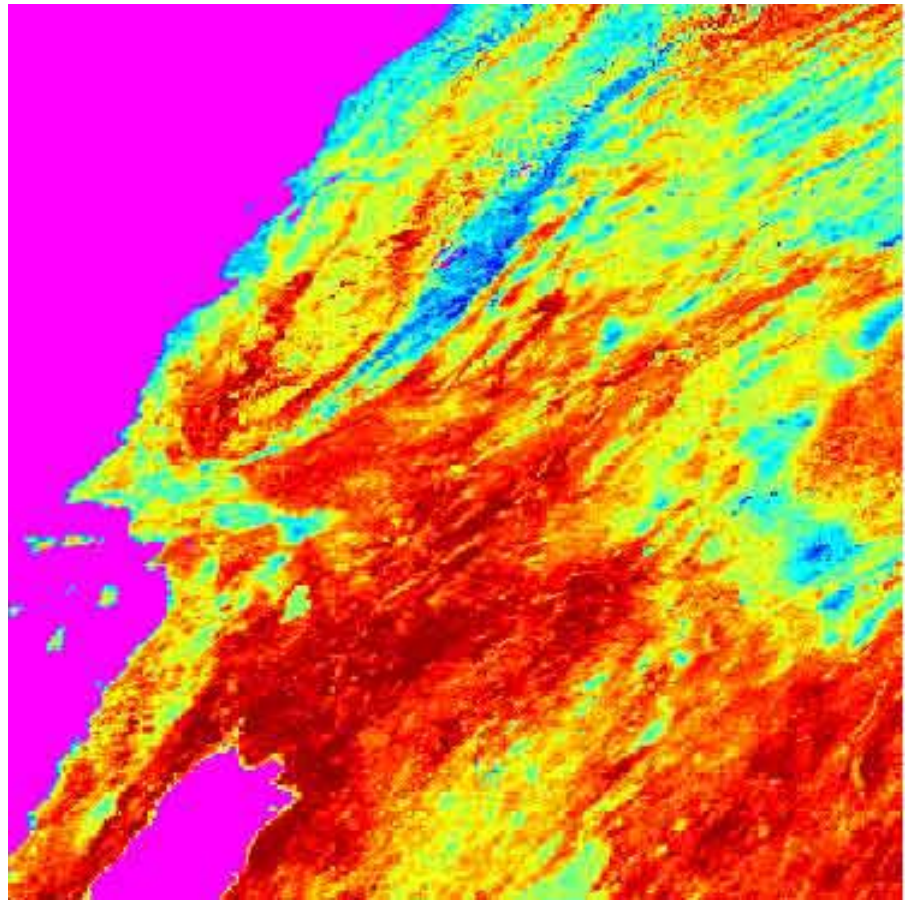
The product is an estimate of the surface spectral reflectance for each band as it would have been measured at ground level if there were no atmospheric scattering or absorption.



Most Popular MODIS Products

•*Surface Temperature* (MOD11)

MODIS/Terra Land Surface Temperature/Emissivity 8 Day L3 Global 1km ISIN Grid



MODIS Land Surface Temperature and Emissivity (LST/E) products provide per-pixel temperature and emissivity values. Temperatures are extracted in Kelvin with a view-angle dependent algorithm applied to direct observations.

The LST/E algorithms use MODIS data as input, including geolocation, radiance, cloud masking, atmospheric temperature, water vapor, snow, and land cover. The temperature products in turn are key inputs to many of the high level MODIS products and provide data for global temperature mapping and change observation.

On land, soil and canopy temperature are among the main determinants of the rate of growth of vegetation and they govern seasonal starting and termination of growth.

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Most Popular MODIS Products

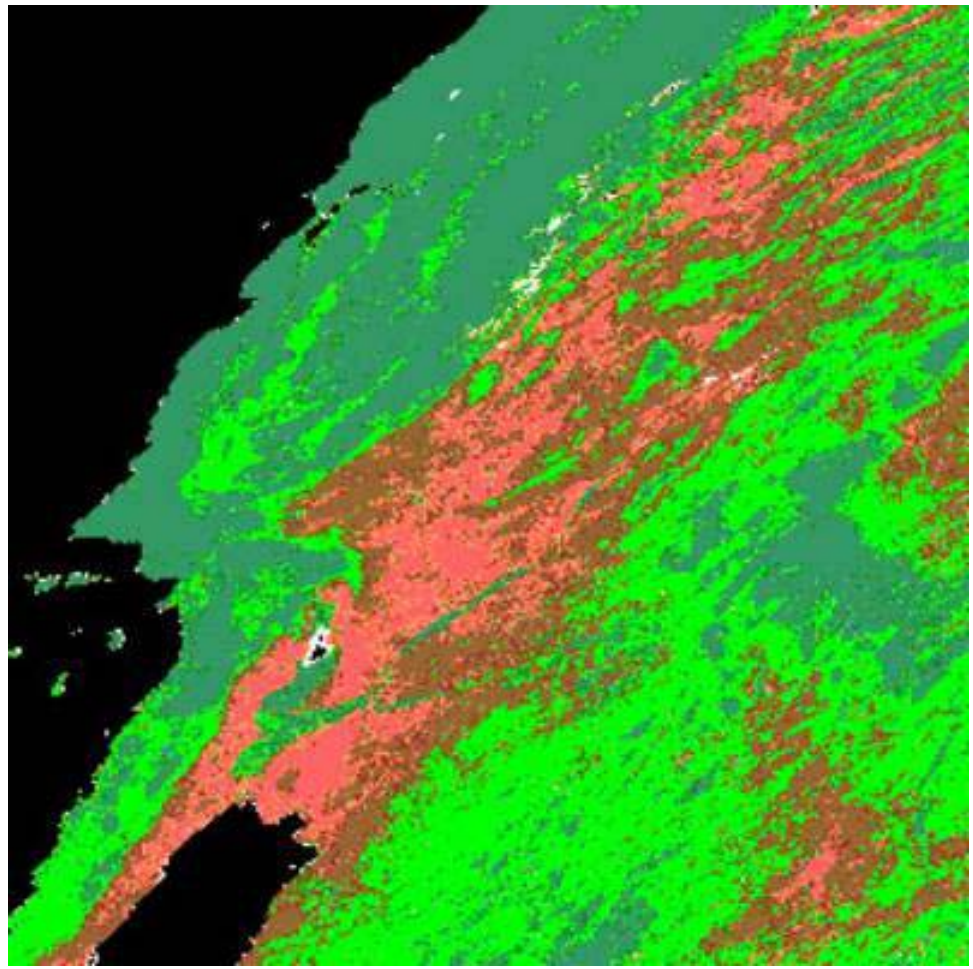
•*Vegetation indices* (MOD13)

MODIS/Terra Vegetation Indices 16-Day L3 Global 500m ISIN Grid

The MOD13A1 image shown is a sample of the MODIS Level 3 16-day composite of Vegetation Indices at 500m resolution that has been pseudo-colored.

This product uses, as input, MODIS Terra surface reflectances, corrected for molecular scattering, ozone absorption, and aerosols. Two vegetation index (VI) algorithms are produced globally for land.

One is the standard normalized difference vegetation index (NDVI), which is referred to as the "continuity index" to the existing NOAA-AVHRR derived NDVI. The other is an 'enhanced' vegetation index with improved sensitivity into high biomass regions and improved vegetation monitoring through a de-coupling of the canopy background signal and a reduction in atmosphere influences.



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MODIS/ASTER Data Accesses

Data search and ordering tools:

- EOS Data Gateway (EDG)

  http://edcimswww.cr.usgs.gov/pub/imswelcome/

- ASTER/MODIS Browse Tool

  http://glovis.usgs.gov/

- Data Pool

  http://lpdaac.usgs.gov/datapool/datapool.asp

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EOS Data Gateway (EDG)

What is the EDG?

The EDG is the primary access point to EOSDIS and other ESE data holdings archived at the DAAC Alliance data centers and several international data centers. The goal of the EDG is to provide seamless, on-line access to these archives.

Why use EDG?

The EDG search-and-order tool provides access to more than 1,800 data sets held at 23 data centers. This system allows users (including those without specific knowledge of the data) to search science data holdings, retrieve high-level descriptions of data sets and detailed descriptions of the data inventory, view browse images, and place orders for data products. All this functionality is available on-line!

http://edcimswww.cr.usgs.gov/pub/imswelcome/

EOS Data Gateway (EDG)

Land Processes
Distributed Active Archive Center

- About LP DAAC
- Data Products
- Order Data
- Data Tools
- Help/FAQ/Education
- Links
- Contact Us

Data Access

- EOS Data Gateway
- Data Pool
- Custom ASTER Data
- Browse Tool

Site Search

LP DAAC ◉ FAQ ○

The Land Processes Distributed Active Archive Center (LP DAAC) was established as part of NASA's Earth Observing System (EOS) Data and Information System (EOSDIS) initiative to process, archive, and distribute land-related data collected by EOS sensors, thereby promoting the inter-disciplinary study and understanding of the integrated Earth system. The role of the LP DAAC includes the higher-level processing and distribution of ASTER data, and the distribution of MODIS land products derived from data acquired by the Terra and Aqua satellites.

EOS Data Gateway
Function: Data search and order
Products: ASTER, MODIS, Version 0 Data
Delivery: Media options & FTP
Cost: Varies by product

ASTER ASTER MODIS MODIS

News!
- LP DAAC Data Tool Releases
- ASTER/MODIS Data Workshop Registration
- Participate in New Data Survey

Scenes Available
July 19, 2004
ASTER Over 1,119,000
MODIS Over 9,629,000

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EOS Data Gateway (EDG)

http://edcimswww.cr.usgs.gov/pub/imswelcome/

Registered user benefits:

-User preferences* and profile* information saved indefinitely

-Most recent search, results, My Folder, and shopping cart saved for several weeks

*Profile

Contact, Shipping and Billing Name, Organization, Email, Address, Phone

*Preferences

Media Output

Land Processes
Distributed Active Archive Center

Notice: If you are new to the EOS Data Gateway, or are having difficulties placing an order, please refer to the quick-start tutorial for assistance. For questions and answers please visit the LP DAAC's customer support center.

Earth Observing System Data Gateway

Search for and order earth science data products from NASA and affiliated centers

- **Enter the Data Gateway**
  - Enter as guest
  - Enter as a registered user
  - Other Data Gateway Sites
- **My Account**
  - Become a registered user
  - Forgot my password
- **What's New**
  - Landsat 7 ETM+ Dataset Transition
  - New Data Sets
  - Data Gateway News
  - EOS P
- **How-**
  - User S
  - FAQ
  - Tutori
  - Brows
- **Usef**
  - Earth
  - NASA
  - Sampl
  - Outre
  - Inform
  - Calendar updates (data providers only)

Thursdays 7-11am

ASTER Pricing Announcement

Landsat Orthorectified Data Available

Version 0 Data Transfer from NASA to USGS

Data Center Status:

–Alerts

•Current system/product status or un-planned events

–Events

•Planned Events

- **Data Center Status**

Alerts

- **GSFC:**
  Due to the number of large data requests, **ECS orders may be delayed**. As an alternative, you may use the Data Pool option, located in the On-Line Access column in EDG, or use http://daac.gsfc.nasa.gov/data/datapool and download your data via FTP. If you have any questions regarding your order, please contact GDAAC User Services.
- **LARC:**
  Users obtaining SAGE III data via the EOS Data Gateway, Langley DAAC Web Access, or Data Pool should note that the version number on those systems represents the Earth Science Data Type version rather than the SAGE III Data version. Accordingly, the newly-released V3 data is stored as version '002'.
- **LP DAAC:**
  Landsat 7 ETM+ Dataset Transition

  MODIS/Terra V003 Returns
  The Golden Month of MODIS/Terra V003 is again available. All other MODIS Terra V003 have been superseded by reprocessing to Version 004.

GHRC

- **Tue, 03 Aug 2004 16:00:00 UT to Fri, 06 Aug 2004 23:59:00 UT:**
  The GHRC server will be down while a database migration to another platform and version occurs. The server will be down from now until late Friday afternoon to allow for testing of all related applications.

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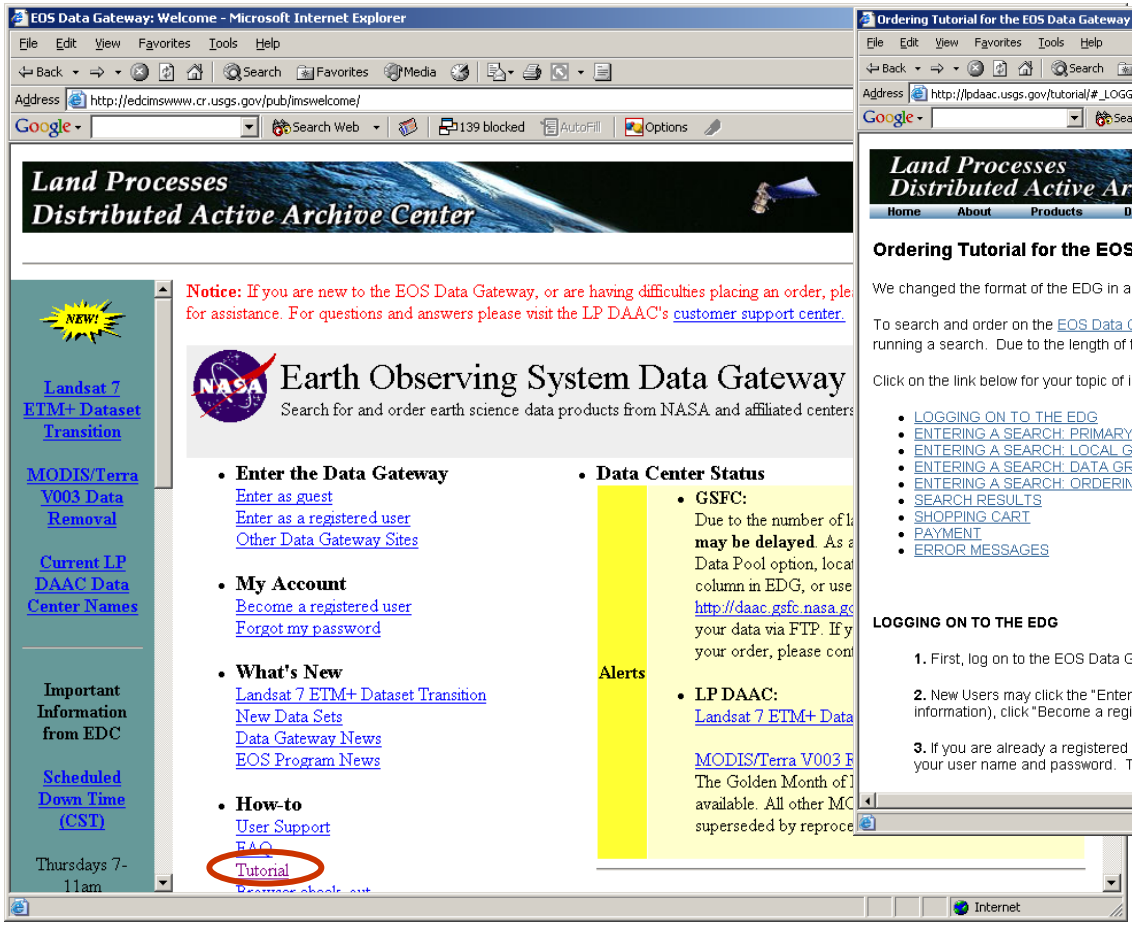
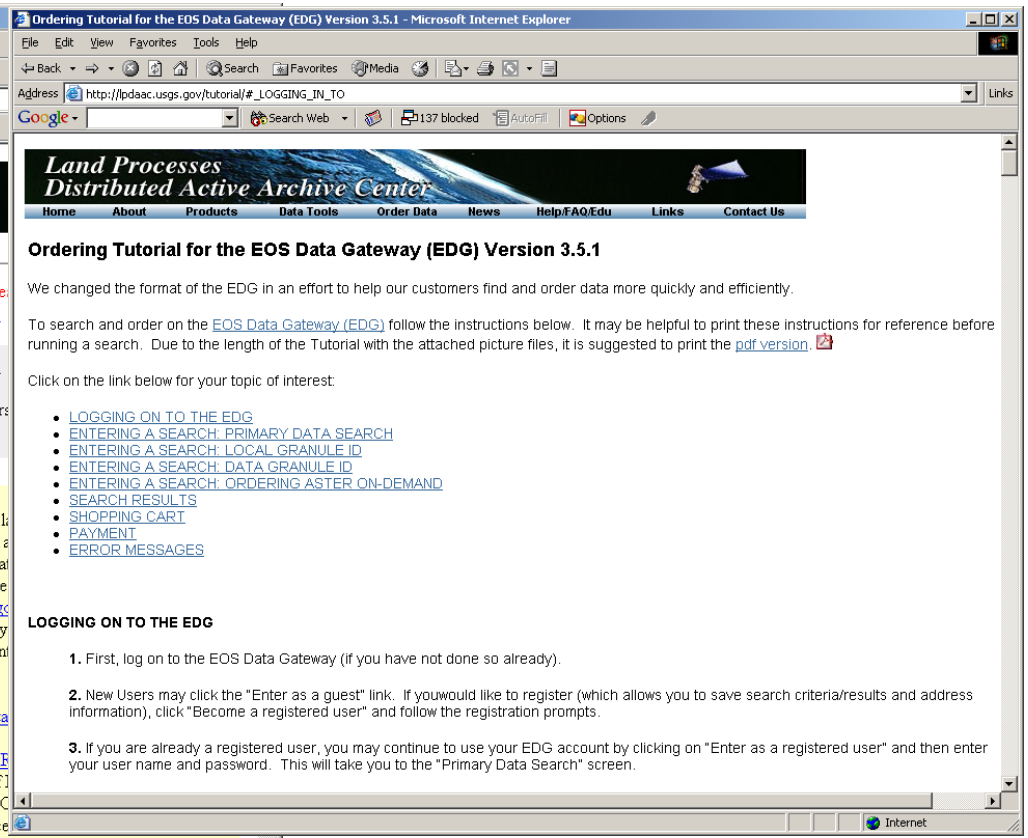
EDG & EDG Tutorial

http://edcimswww.cr.usgs.gov/pub/imswelcome/

http://lpdaac.usgs.gov/tutorial/
http://lpdaac.usgs.gov/tutorial/tutorial.pdf





EDG & EDG Tutorial

Primary Data Search

Choose Data Sets Text Search: Go Help

Pick a discipline/topic (for example: Atmosphere:MISR), then choose from the list of data sets.
For multiple topics: choose one topic & data sets, then the next topic & data sets.
To select/deselect more than one data set, use Ctrl-click for PCs; Apple-click for Macintosh.*

View Data Set Definition | Choose Data Set Keywords

Atmosphere:		Cryosphere:	Land:	Oceans:	Other:
ACRIM	MODIS/Terra	AVHRR	ASTER	ADEOS	Elevation
AIRS/AMSU-A/HSB	MOPITT	MODIS/Aqua	AVHRR	AVHRR	Field/In Situ
AMSR/AMSR-E	SAGE	MODIS/Terra	Landsat 1-5	MODIS/Aqua	
AVHRR	SSM/I	SAR	Landsat 7	MODIS/Terra	
CERES	TOMS	SSM/I	MODIS/Aqua	SEASAT	
MISR	TRMM		MODIS/Terra	SEAWIFS	
MODIS/Aqua	UARS		SSM/I	SSM/I	

"By Discipline" not responding? Use the non-javascript version

By Discipline | By Categories/Attributes

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: 90.0000
Western longitude: -180.0000
Eastern longitude: 180.0000
Southern latitude: -90.0000

Display Lat/Lon Range on Map

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

Choose Keywords for One or More Categories Text Search: Go Help

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

Choose Keywords for >>

CAMPAIGN
DATA SET
DATA CENTER
PARAMETER
PROCESSING LEVEL
SENSOR
SOURCE
BAND AVAILABILITY

By Discipline | By Categories/Attributes

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):

Clear Time Fields

Standard Date Range | Julian Date Range | Annually Repeating

Other search methods:
Local Granule ID Search; Data Granule ID Search

Choose a Data Search Type

Primary Data Search | Data Granule ID Search | Local Granule ID Search

ASTER ON-DEMAND Ordering

Results: Granule:

Listing

Have a question, a problem, or a comment?* | Help for this page

Add selections to cart | Show map coverage | Show time coverage | Add selections to folder | items selected on all pages

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 All None	Data Granule ID (Local Granule ID)	Granule Information	On-line Access	Image Quicklook	Request Sample	Special Processing Links	Start Dat
☑	SC:AST_L1B.003:2014086876 (AST_L1B#003_08082000192755_06182003181708.hdf)	Attributes Pricing	Data* Metadata* Browse	Image	Sample	Order higher-level product	08 A 2000, 19:27
☐	SC:AST_L1B.003:2014086820 (AST_L1B#003_08082000192804_06182003181534.hdf)	Attributes Pricing	Data* Metadata* Browse	Image	Sample	Order higher-level product	08 A 2000, 19:28
☐	SC:AST_L1B.003:2014086856 (AST_L1B#003_08082000192813_06182003181640.hdf)	Attributes Pricing	Data* Metadata* Browse	Image	Sample	Order higher-level product	08 A 2000, 19:28

ASTER On-Demand Data Gateway

The ASTER On-Demand Data Gateway is used to create Level-2 (and higher) products from existing ASTER Level 1B data. Depending upon the products requested, users can select unique combinations of input parameters to create made-to-order data sets such as brightness temperature, surface reflectance, decorrelation stretch and other products.

Important: On-demand products are not archived (with the exception of DEM products), and therefore, they are removed from the system at the time of expiration. For this reason we suggest keeping a copy of all order options by printing out the **Review Order** screen prior to order submission. This information can be used in the event an order must be resubmitted. Note that charging varies for ASTER products. Please refer to the LP DAAC Product Pricing List and the ASTER Pricing Policy for details.

1. - Review Ordering Tutorial	We highly recommend reviewing this brief section before continuing! **Necessary** information is summarized, and helpful tips are provided that will assist you in placing successful orders.
2. - Review Frequently Asked Questions	Did your order fail? Did you receive a confusing e-mail message or web page error? Please visit the On-Demand Frequently Asked Questions for answers to these and many other questions.
3. - Go to EOS Data Gateway	Begin the process of requesting on-demand products by searching for Level 1B data granules (scenes) in the EOS Data Gateway (EDG). Select desired scene and obtain Level 1B data identification number.
4. - Place On-Demand Order	Finalize the ordering process. Provide data ID number, select processing options and provide order delivery information.
Need Help? **Contact Information**	If you are experiencing problems or having difficulty placing your order, please review the FAQ's and Ordering Tutorial above for assistance. If, however, you still need assistance please contact the User Services Department at the EROS Data Center by visiting our Contact web page.

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ASTER ON-DEMAND Ordering (continued)

Other way to order on-demand

Skip navigator (text browsers)
Starred links open new windows

User Name
Zhang2531

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*

Shopping Cart:

Step 1: Choose Ordering Options

Have a question, a problem, or a comment?* | Help for this page

- Your selection was **added to your shopping cart previously**, so it was already there.

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 account.

Go to Step 2: Order Form

Empty Entire Shopping Cart

Subtotal of per item cost:

Total cost (US):

Please do not enter credit card or other payment information on this web site. If there are charges associa be sent to you with payment information, if applicable.

Order Options	Subsetting	Data Granule ID (Local Granule ID)	Size (MB)
FtpPull Change	Available	**SC:AST_L1B.003:2014086876** (AST_L1B#003_08082000192755_06182003181708.hdf)	124.51200

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)

Chose product option

Shopping Cart:

Choose Ordering Options

Have a question, a problem, or a comment?* | Help for this page

ASTER L1B REGISTERED RADIANCE AT THE SENSOR V003
***Data Granule ID:* SC:AST_L1B.003:2014086876**
Geographic Center: 46.32° Lat, - 122.28° Lon
Geographic Coordinates:
46.66° Lat, - 122.67° Lon
46.52° Lat, - 121.72° Lon
45.97° Lat, - 121.89° Lon
46.11° Lat, - 122.83° Lon

This data granule currently has Option 1 selected.
Any selections you make will **replace** your previous choices.

The ordering options are:

- Option 1: ASTER L1B Registered Radiance at the Sensor V003. Media Types : 8MM, CDROM, DLT, DVD, FtpPull
- Option 2: AST13POL (ASTER On-Demand L2 Polar Surface and Cloud Classification) V003. Media Types : FtpPull
- Option 3: AST_04 (ASTER On-Demand L2 Brightness Temperature at the Sensor) V003. Media Types : FtpPull
- Option 4: AST_05 (ASTER On-Demand L2 Surface Emissivity) V003. Media Types : FtpPull
- Option 5: AST_05andAST_08 (ASTER On-Demand L2 Surface Emissivity and ASTER On-Demand L2 Surface Kinetic Temperature) V003. Media Types : FtpPull
- Option 6: AST_06SD (ASTER On-Demand L2 Decorrelation Stretch SWIR) V003. Media Types : FtpPull
- Option 7: AST_06TD (ASTER On-Demand L2 Decorrelation Stretch TIR) V003. Media Types : FtpPull
- Option 8: AST_06VD (ASTER On-Demand L2 Decorrelation Stretch VNIR) V003. Media Types : FtpPull
- Option 9: AST_07 (ASTER On-Demand L2 Surface Reflectance) V003. Media Types : FtpPull
- Option 10: AST_07andAST_09 (ASTER On-Demand L2 Surface Reflectance and ASTER On-Demand L2 Surface Radiance SWIR and VNIR) V003. Media Types : FtpPull
- Option 11: AST_08 (ASTER On-Demand L2 Surface Kinetic Temperature) V003. Media Types : FtpPull
- Option 12: AST_09 (ASTER On-Demand L2 Surface Radiance SWIR and VNIR) V003. Media Types : FtpPull
- Option 13: AST_09T (ASTER On-Demand L2 Surface Radiance TIR) V003. Media Types : FtpPull

ASTER ON-DEMAND Ordering (continued)

ASTER L1B REGISTERED RADIANCE AT THE SENSOR V003
Data Granule ID: **SC:AST_L1B.003:2014086876**
Geographic Center: 46.32° Lat, - 122.28° Lon
Geographic Coordinates:
46.66° Lat, - 122.67° Lon
46.52° Lat, - 121.72° Lon
45.97° Lat, - 121.89° Lon
46.11° Lat, - 122.83° Lon

Ordering Option 9:
AST_07 (ASTER On-Demand L2 Surface Reflectance)
V003. Media Types : FtpPull

(Contains just this data granule.)

Additional Info:

Select One	Data Format	Media type	Media format	Package Size	Cost (US$)
◉	Native Granule	FtpPull	FILEFORMAT	Unknown	$0.00
○ *I want no items from this option.*					

Mandatory: If you selected any of the items in ordering options 9 (above), you must give values for any required Opt
can also give values for the other options, if you desire.

Apply the following processing options to the data: (for Ordering Options 9)

Location: Plang	
Granule_size: 124.512000	
Aerosols: (required) **Directions:** Select a single value.	Climatology
Column Ozone: (required) **Directions:** Select a single value.	OZ2DAILY - NCEP TOVS Daily Ozone
Long Name: ASTER On-Demand L2 Surface Reflectance	
Moisture, Temperature, Pressure: (required) **Directions:** Select a single value.	GDASOZFH - NOAA/NCEP GDAS model, 6
Product Name: AST_07	

◉ I want these ordering options for *every* data granule that applies in data set **ASTER L1B REGISTERED RADIAN SENSOR V003** in the shopping cart.

○ I want these ordering options *only* for data granule **SC:AST_L1B.003:2014086876**.

Ok! Accept my choice & return to the shopping cart!

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)	On-Demand	Size (MB)	Start Date	Delete
FtpPull Change	Available	**SC:AST_L1B.003:2014086876** (AST_L1B#003_08082000192755_06182003181708.hdf)	AST_07	124.512000	08 Aug 2000, 19:27:55.0	☐

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)

USGS science for a changing world

NASA

MODIS Data Tile Search in EDG

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

1

Save/Restore search | Clear search

Choose Data Sets

Text Search: Go Help

Pick a discipline/topic (for example: Atmosphere:MISR), then choose from the list of data sets.
For multiple topics: choose one topic & data sets, then the next topic & data sets.
To select/deselect more than one data set, use Ctrl-click for PCs; Apple-click for Macintosh.*

```
MODIS/TERRA SURFACE REFLECTANCE 8-DAY L3 GLOBAL 250M SIN GRID V004
MODIS/TERRA SURFACE REFLECTANCE 8-DAY L3 GLOBAL 500M ISIN GRID V003
MODIS/TERRA SURFACE REFLECTANCE 8-DAY L3 GLOBAL 500M SIN GRID V004
MODIS/TERRA SURFACE REFLECTANCE DAILY L2G GLOBAL 250M ISIN GRID V003
MODIS/TERRA SURFACE REFLECTANCE DAILY L2G GLOBAL 250M SIN GRID V004
```

View Data Set Definition

3 Choose Data Set Keywords

Atmosphere:		Cryosphere:	Land:	Oceans:	Solar/Other:
AIRS/AMSU-A/HSB	MODIS/Aqua	AMSR/AMSR-E	AMSR/AMSR-E	ADEOS	ACRIM
AMSR/AMSR-E	MODIS/Terra	AVHRR	ASTER	AMSR/AMSR-E	Elevation
AVHRR	MOPITT	GLAS/ICESat	AVHRR	AVHRR	Field/In Situ
CERES/Aqua	SAGE	MODIS/Aqua	GLAS/ICESat	GLAS/ICESat	GLAS/ICESat
CERES/Terra	SSM/I	MODIS/Terra	Landsat 1-5	MODIS/Aqua	Meteor-3M/SAGE-III
CERES/TRMM	TOMS	SAR	Landsat 7	MODIS/Terra	SORCE
GLAS/ICESat	TRMM	SSM/I	MISR	SEASAT	UARS
MISR	UARS		MODIS/Aqua	SEAWIFS	
			2 MODIS/Terra	SSM/I	
			SSM/I		

"By Discipline" not responding? Use the non-javascript version

1 By Discipline By Categories/Attributes

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NASA

MODIS Data Tile Search in EDG (continued)

Choose Keywords for One or More Categories

Text Search: Go

Data Set MODIS/TERRA SURFACE REFLECTANCE 8-DAY L3 GLOBAL 500M SIN GRID V004

Edit Delete

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

Choose Keywords for >>

PROCESSING LEVEL
SENSOR
SOURCE
COLLECTION DETAILS
GRANULE DETAILS
PRODUCT GENERATION ALGORITHM
QUALITY
SPATIAL

○ By Discipline ◉ By Categories/Attributes

Choose a Data Search Type

◉ Primary Data Search ○ Data Granule ID Search ○ Local Granule ID Search

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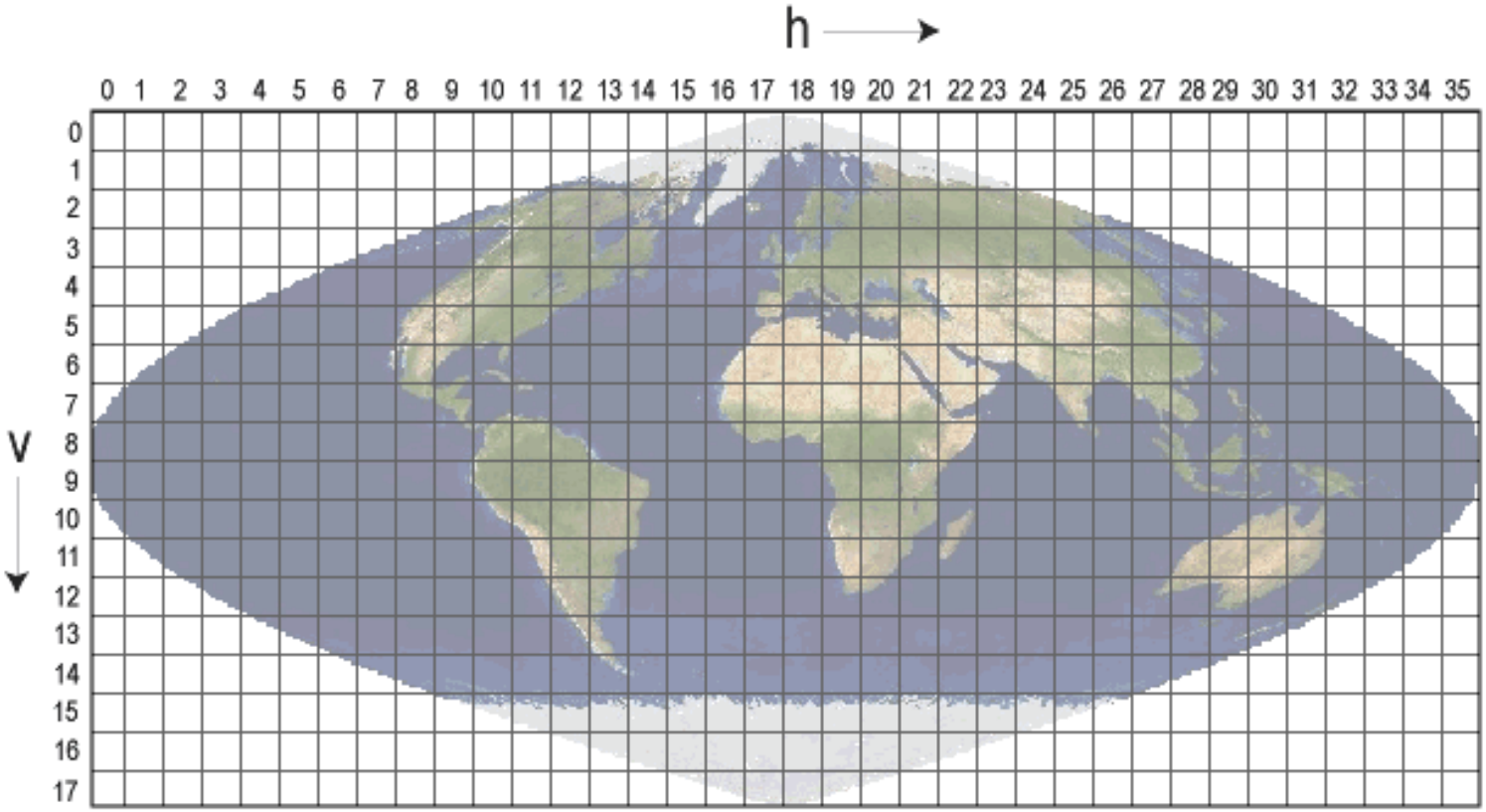
NASA

How to define the MODIS spatial tiles

MODIS Sinusoidal Grid

http://nsidc.org/data/docs/daac/mod10_modis_snow/landgrid.html



- Tiles are 10 degrees by 10 degrees at the equator.
- The tile coordinate system starts at (0,0) (horizontal tile number, vertical tile number) in the upper left corner and proceeds right (horizontal) and downward (vertical). The tile in the bottom right corner is (35,17).

MODIS Data Tile Search in EDG (continued)

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

Search Form: Primary Data Search:

Select: SPATIAL

Have a question, a problem, or a comment?* | Help for this page

HORIZONTALTILENUMBER: Horizontal tile number of a grid, which increases from left to right. **Directions:** Enter a range of INTEGER(s), from 0 to 38. Supplying only one value causes the other to default to the min/max.	10 min to 10 max
TileID: MODIS Land tile identification number which represents a geographical area on the surface of the Earth bounded by latitude and longitude coordinates. **Directions:** Enter a single INTEGER from 0 to -1.	
VERTICALTILENUMBER: Vertical tile number of a grid, which increases from top to bottom. **Directions:** Enter a range of INTEGER(s), from 0 to 18. Supplying only one value causes the other to default to the min/max.	4 min to 5 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 Main Search Form when I'm done with this screen.

Also, please read the NASA Privacy, Security, Notices and the EOS Data Gateway accessibility policy.

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MODIS Data Tile Search in EDG (continued)

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

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: Go Help

Data Set Edit Delete
MODIS/TERRA SURFACE REFLECTANCE 8-DAY L3 GLOBAL 500M SIN GRID V004

Spatial Edit Delete
HORIZONTALTILENUMBER
Min: 10
Max: 10

VERTICALTILENUMBER
Min: 4
Max: 5

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: 2004-04-15 **Time (UTC):**
End Date: 2004-04-30 **Time (UTC):**

Clear Time Fields

◉ **Standard Date Range** ○ **Julian Date Range** ○ **Annually Repeating**

Choose Additional Options (not required)

- Return a maximum of 100 data granules per data set (Range: 1 - 1000).
- ☐ Only return data granules which have browse products.
- Allow searches to run for a maximum of 90 minute(s)
- Return **DEFAULT** metadata in search results Customize
- Only return data granules which were retrieved during the Day/Night
- Name this query:
  (will be used in creating a file name when saving the query)

Start Search

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MODIS Data Tile Search in EDG (continued)

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

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.

Add selections to cart | Show map coverage | Show time coverage | Add selections to folder | items selected on all pages

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 (All / None)	Data Granule ID (Local Granule ID)	Granule Information	On-line Access	Image Quicklook	Reques Sample
☐	SC:MOD09A1.004:2022452839 (MOD09A1.A2004105.h10v05.004.2004116011025.hdf)	Attributes Pricing	Data* Metadata* Browse*	Image	Sample
☐	SC:MOD09A1.004:2022457828 (MOD09A1.A2004105.h10v04.004.2004116063510.hdf)	Attributes Pricing	Data* Metadata* Browse*	Image	Sample
☐	SC:MOD09A1.004:2022802572 (MOD09A1.A2004113.h10v04.004.2004131153104.hdf)	Attributes Pricing	Data* Metadata* Browse*	Image	Sample
☐	SC:MOD09A1.004:2022802011 (MOD09A1.A2004113.h10v05.004.2004131151213.hdf)	Attributes Pricing	Data* Metadata* Browse*	Image	Sample
☐	SC:MOD09A1.004:2022870909 (MOD09A1.A2004121.h10v05.004.2004134133048.hdf)	Attributes Pricing	Data* Metadata* Browse*	Image	Sample
☐	SC:MOD09A1.004:2022872725 (MOD09A1.A2004121.h10v04.004.2004134140401.hdf)	Attributes Pricing	Data* Metadata* Browse*	Image	Sample

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MODIS Data Tile Search in EDG (continued)

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

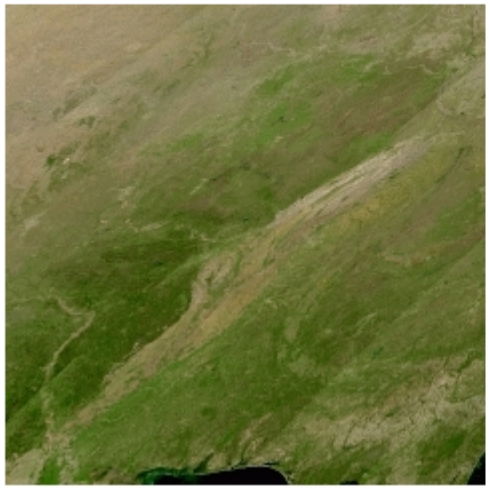
- >**Data Search**
- Detailed Document
- Summary Document
- AIRS Browse

Help

- Tutorial
- FAQ
- User Manual

Browse Product

Have a question, a problem, or a comment?* | Help for this page



Data set: MODIS/TERRA SURFACE REFLECTANCE 8-DAY L3 GLOBAL 500M SIN GRID V004
Granule: SC:MOD09A1.004:2022452839
Local granule ID: MOD09A1.A2004105.h10v05.004.2004116011025.hdf
Acquired: between 2004-04-14 00:00:00.0Z and 2004-04-21 23:59:59.0Z
Center lat/lon: 35.25° Lat, -91.81° Lon

View granule attributes

Browse files available

All images share the same label information as the image above.

Download browse HDF file: A non-compressed HDF file containing all the browse products. Have your browser *save this directly to a file* - you won't be able to display it; it's not a simple image - and then use your favorite HDF toolkit to extract information from it.

MODIS Data Tile Search in EDG (continued)

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

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.

Add selections to cart | Show map coverage | Show time coverage | Add selections to folder | items selected on all pages

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 (All / None)	Data Granule ID (Local Granule ID)	Granule Information	On-line Access	Image Quicklook	Request Sample
☑	SC:MOD09A1.004:2022452839 (MOD09A1.A2004105.h10v05.004.2004116011025.hdf)	Attributes Pricing	Data* Metadata* Browse*	Image	Sample
☐	SC:MOD09A1.004:2022457828 (MOD09A1.A2004105.h10v04.004.2004116063510.hdf)	Attributes Pricing	Data* Metadata* Browse*	Image	Sample
☑	SC:MOD09A1.004:2022802572 (MOD09A1.A2004113.h10v04.004.2004131153104.hdf)	Attributes Pricing	Data* Metadata* Browse*	Image	Sample
☑	SC:MOD09A1.004:2022802011 (MOD09A1.A2004113.h10v05.004.2004131151213.hdf)	Attributes Pricing	Data* Metadata* Browse*	Image	Sample
☑	SC:MOD09A1.004:2022870909 (MOD09A1.A2004121.h10v05.004.2004134133048.hdf)	Attributes Pricing	Data* Metadata* Browse*	Image	Sample
☐	SC:MOD09A1.004:2022872725 (MOD09A1.A2004121.h10v04.004.2004134140401.hdf)	Attributes Pricing	Data* Metadata* Browse*	Image	Sample

USGS science for a changing world

MODIS Data Tile Search in EDG (continued)

Shopping Cart:

Data Quality Summary:

Have a question, a problem, or a comment?* | Help for this page

MODIS :

```
------------------------------------------------------------
MODIS LEVEL-2 AND HIGHER PRODUCTS AT THE Land Processes DAAC:
------------------------------------------------------------
```

Accept - Continue to Shopping Cart | Reject - Return to Previous Page

Shopping Cart:

Step 1: Choose Ordering Options

Have a question, a problem, or a comment?* | Help for this page

4 items 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 be sent to you with payment information, if applicable.

Order Options	Subsetting	Data Granule ID (Local Granule ID)	Size (MB)	Start Date	Stop Date	Delete
Choose Options	Unavailable	**SC:MOD09A1.004:2022452839** (MOD09A1.A2004105.h10v05.004.2004116011025.hdf)	161.518000	14 Apr 2004, 00:00:00.0	21 Apr 2004, 23:59:59.0	☐
Choose Options	Unavailable	**SC:MOD09A1.004:2022802572** (MOD09A1.A2004113.h10v04.004.2004131153104.hdf)	161.522000	22 Apr 2004, 00:00:00.0	29 Apr 2004, 23:59:59.0	☐
Choose Options	Unavailable	**SC:MOD09A1.004:2022802011** (MOD09A1.A2004113.h10v05.004.2004131151213.hdf)	161.517000	22 Apr 2004, 00:00:00.0	29 Apr 2004, 23:59:59.0	☐
Choose Options	Unavailable	**SC:MOD09A1.004:2022870909** (MOD09A1.A2004121.h10v05.004.2004134133048.hdf)	161.518000	30 Apr 2004, 00:00:00.0	07 May 2004, 23:59:59.0	☐

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MODIS Data Tile Search in EDG (continued)

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

Shopping Cart:

Choose Ordering Options

Have a question, a problem, or a comment?* | Help for this page

MODIS/TERRA SURFACE REFLECTANCE 8-DAY L3 GLOBAL 500M SIN GRID V004
Data Granule ID: **SC:MOD09A1.004:2022452839**

Ordering Option 1:
MODIS/Terra Surface Reflectance 8-Day L3 Global 500m SIN Grid V004. Media Types : 8MM, CDROM, DLT, DVD, FtpPull

(Contains just this data granule.)

Additional Info:

Select One	Data Format	Media type	Media format	Package Size	Cost (US$)
○	Native Granule	8MM	TARFORMAT	Unknown	$0.00
○	Native Granule	CDROM	RockRidge	Unknown	$0.00
○	Native Granule	DLT	TARFORMAT	Unknown	$0.00
○	Native Granule	DVD	RockRidge	Unknown	$0.00
◉	Native Granule	FtpPull	FILEFORMAT	Unknown	$0.00

○ *I want no items from this option.*

◉ I want these ordering options for *every* data granule that applies in data set **MODIS/TERRA SURFACE REFLECTANCE 8-DAY L3 GLOBAL 500M SIN GRID V004** in the shopping cart.

○ I want these ordering options *only* for data granule **SC:MOD09A1.004:2022452839**.

Ok! Accept my choice & return to the shopping cart!

USGS science for a changing world

MODIS Data Tile Search in EDG (continued)

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

Shopping Cart:

Step 1: Choose Ordering Options

Have a question, a problem, or a comment?* | Help for this page

4 items in your shopping cart, **4** items ready to be ordered.

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

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
FtpPull Change	Unavailable	**SC:MOD09A1.004:2022452839** (MOD09A1.A2004105.h10v05.004.2004116011025.hdf)	161.518000	14 Apr 2004, 00:00:00.0	21 Apr 2004, 23:59:59.0
FtpPull Change	Unavailable	**SC:MOD09A1.004:2022802572** (MOD09A1.A2004113.h10v04.004.2004131153104.hdf)	161.522000	22 Apr 2004, 00:00:00.0	29 Apr 2004, 23:59:59.0
FtpPull Change	Unavailable	**SC:MOD09A1.004:2022802011** (MOD09A1.A2004113.h10v05.004.2004131151213.hdf)	161.517000	22 Apr 2004, 00:00:00.0	29 Apr 2004, 23:59:59.0
FtpPull Change	Unavailable	**SC:MOD09A1.004:2022870909** (MOD09A1.A2004121.h10v05.004.2004134133048.hdf)	161.518000	30 Apr 2004, 00:00:00.0	07 May 2004, 23:59:59.0

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MODIS Data Tile Search in EDG (continued)

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

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 submit your order.

Your Contact Address:

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

Organization: **Internet E-Mail Address:** (requir

Street Address: (required)

City: (required)

Select State (US only): (required)
-- None --
ALABAMA
ALASKA
AMERICAN SAMOA
ARIZONA

Or Enter State/Province:
To enter a state/province, sel
selection menu and enter stat

Zip/Postal Code:

Select Country: (required)
-- None --
UNITED STATES
ABU DHABI
ADMIRALTY ISLANDS
AFGHANISTAN

Or Enter Country:
To enter a country, select None from the selection menu and enter country above.

Telephone: (required) **Fax:**

Select Country: (required)
-- None --
UNITED STATES
ABU DHABI
ADMIRALTY ISLANDS
AFGHANISTAN

Or Enter Country:
To enter a country, select None from the selection menu and enter country above.

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

ASF Data Access Key:
(Alaska SAR Facility customers only)

NASDA Data Access Key:
(NASDA/HEOC/Japan customers only)

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!

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MODIS Data Tile Search in EDG (continued)

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

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 **zhang@usgs.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: LPDAAC
Status/Comments:
Order Received / Thank you for your order. Please contact the LP DAAC to arrange payment (if necessary). You will receive an order confirmation notice by email with payment details. Your order will not be processed until payment is received (if applicable). Once your order is processed, you will receive a completion notification by email. Please allow one to three weeks for the media to arrive. Shipping times will vary depending upon your location. The customer must pay any additional shipping charges such as customs duties for international orders.

Order ID Number:	0300250852
Contact name:	Land Processes DAAC (LP DAAC) User Services
Organization:	U.S. Geological Survey
Phone:	605-594-6116
Fax:	605-594-6963
Email:	edc@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)

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MODIS Data Tile Search in EDG (continued)

edc@eos.nasa.gov
07/27/2004 11:32 AM

To: zhang@usgs.gov
cc:
Subject: EOS Data Gateway product request

```
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: LPDAAC
            STATUS/COMMENTS:
                        Order Received  /  Thank you for your order. Please contact
                        the LP DAAC to arrange payment (if necessary). You will
                        receive an order confirmation notice by email with payment
                        details. Your order will not be processed until payment is
                        received (if applicable). Once your order is processed, you
                        will receive a completion notification by email. Please
                        allow one to three weeks for the media to arrive. Shipping
                        times will vary depending upon your location. The customer
                        must pay any additional shipping charges such as customs
                        duties for international orders.
            CONTACT POINTS:
                        Order ID Number: 0300250852
                        Land Processes DAAC (LP DAAC) User Services / U.S. Geological Survey

                        Sioux Falls, SD, USA, 57198
                        Phone: 605-594-6116 / Fax: 605-594-6963
                        Email: edc@eos.nasa.gov


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

YOUR ORDER SUMMARY
------------------

USER ADDRESS
     Name:          Zheng Zhang
     Email:         zhang@usgs.gov
     Address:       47914 252nd St
                    Sioux Falls SD 57198    UNITED STATES
     Phone:         (605)594-2531
     Affiliation:   USA / GOVERNMENT

SHIPPING ADDRESS
     Name:          Zheng Zhang
     Email:         zhang@usgs.gov
     Address:       47914 252nd St
                    Sioux Falls SD 57198    UNITED STATES
     Phone:         (605)594-2531

BILLING ADDRESS
     Name:          Zheng Zhang
     Email:         zhang@usgs.gov
```

MODIS Data Tile Search in EDG (continued)

New Memo | Reply | Forward | Delete | Folder | Copy into | Tools

CM SHARED (CM Code Delivery) <cmshared@e0ins01u.ecs.nasa.gov>
07/27/2004 11:32 AM

To: <zhang@usgs.gov>
cc:
Subject: ECS Notification

```
++++++++++

ORDERID: 0300250852
REQUESTID: 0300328806
USERSTRING:
FINISHED: 07/27/2004 11:32:19

MEDIATYPE: FtpPull
FTPURL: ftp://e0dps01u.ecs.nasa.gov/PullDir/0300328806
FTPHOST: e0dps01u.ecs.nasa.gov
FTPDIR: /PullDir/0300328806
FTPEXPR: 08/01/2004 11:32:19
MEDIA 1 of 1
MEDIAID:
            GRANULE: UR:10:DsShESDTUR:UR:15:DsShSciServerUR:13:[EDC:DSSDSRV]:25:SC:MOD09A1.004:2022452839
            ESDT: MOD09A1.004

                        FILENAME: MOD09A1.A2004105.h10v05.004.2004116011025.hdf
                        FILESIZE: 1.61518e+08

                        FILENAME: MOD09A1.A2004105.h10v05.004.2004116011025.hdf.xml
                        FILESIZE: 17519

            GRANULE: UR:10:DsShESDTUR:UR:15:DsShSciServerUR:13:[EDC:DSSDSRV]:25:SC:MOD09A1.004:2022802011
            ESDT: MOD09A1.004

                        FILENAME: MOD09A1.A2004113.h10v05.004.2004131151213.hdf
                        FILESIZE: 1.61517e+08

                        FILENAME: MOD09A1.A2004113.h10v05.004.2004131151213.hdf.xml
                        FILESIZE: 17140

            GRANULE: UR:10:DsShESDTUR:UR:15:DsShSciServerUR:13:[EDC:DSSDSRV]:25:SC:MOD09A1.004:2022802572
            ESDT: MOD09A1.004

                        FILENAME: MOD09A1.A2004113.h10v04.004.2004131153104.hdf
                        FILESIZE: 1.61522e+08

                        FILENAME: MOD09A1.A2004113.h10v04.004.2004131153104.hdf.xml
                        FILESIZE: 19030

            GRANULE: UR:10:DsShESDTUR:UR:15:DsShSciServerUR:13:[EDC:DSSDSRV]:25:SC:MOD09A1.004:2022870909
            ESDT: MOD09A1.004

                        FILENAME: MOD09A1.A2004121.h10v05.004.2004134133048.hdf
                        FILESIZE: 1.61518e+08

                        FILENAME: MOD09A1.A2004121.h10v05.004.2004134133048.hdf.xml
                        FILESIZE: 17514
```

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Other Tool for Searching ASTER/MODIS Data

- **ASTER/MODIS Browse Tool**

  http://glovis.usgs.gov/

  http://lpdaac.usgs.gov/aster/glovis.html

- **Version 5.0 of the USGS Global Visualization Viewer (GloVis) has been released. The main focus of this release is to add support for the MODIS Terra and Aqua Surface Reflectance 8-day L3 Global 500 SIN Grid data datasets (MOD09A1 and MYD09A1).**

- **Support for display ASTER L1B VNIR and ASTER L1B night time TIR browse images.**

- **The MODIS display resolution are 10 km and 5 km. The full resolution ASTER browse images is now 90 meters. Previously, the full resolution was 140 meters.**

- **The ASTER/MODIS inventory is updated daily.**

- **The capability to search for a scene by a known granule ID was added. This is available from the "Search for Scene..." option under the Tools menu.**

- **When ordering ASTER granules or MODIS tiles, the scene list is now sent to the newly available EDG shopping basket to make ordering easier.**

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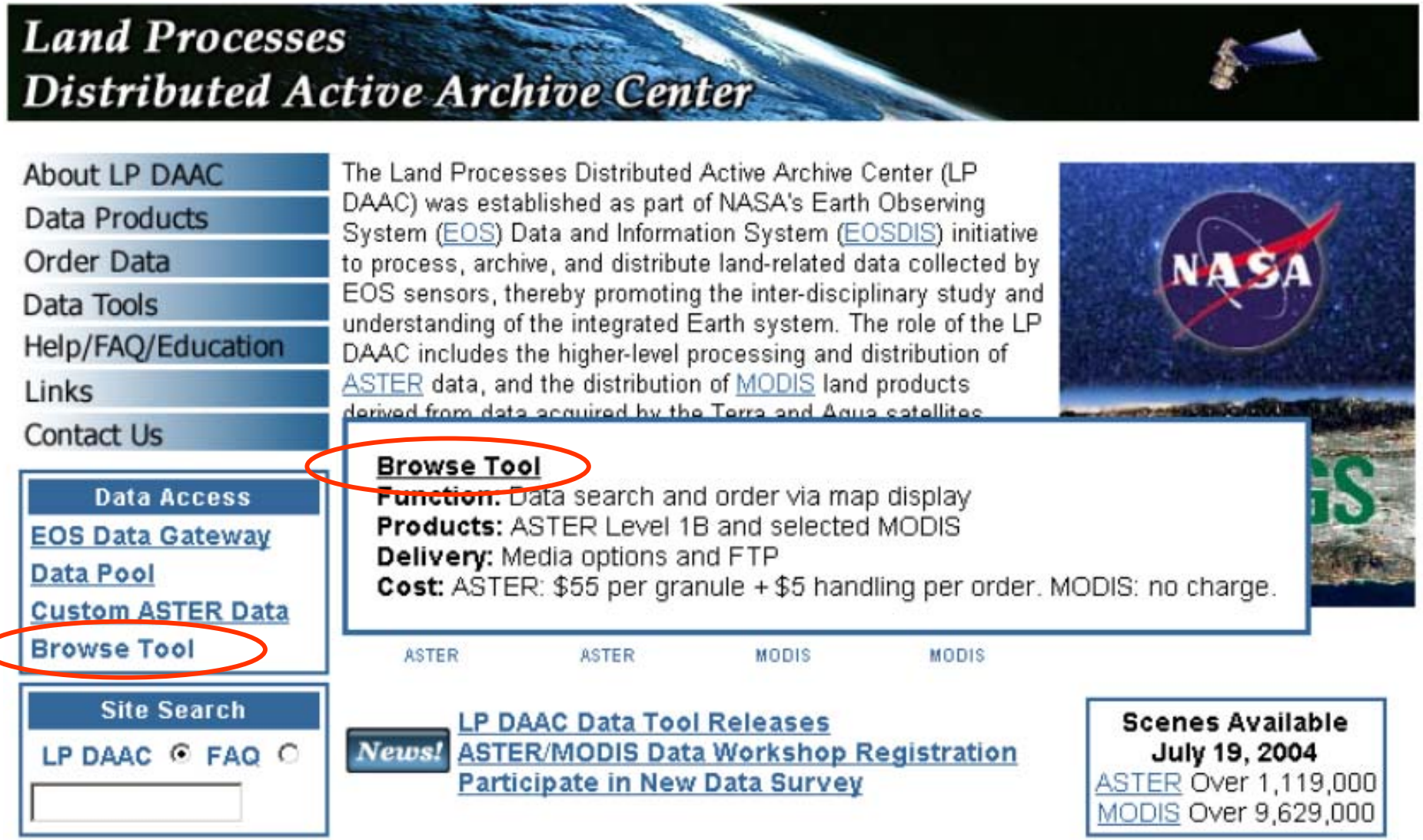
ASTER/MODIS Browse Tool



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ASTER/MODIS Browse Tool (continued)

http://lpdaac.usgs.gov/aster/glovis.asp

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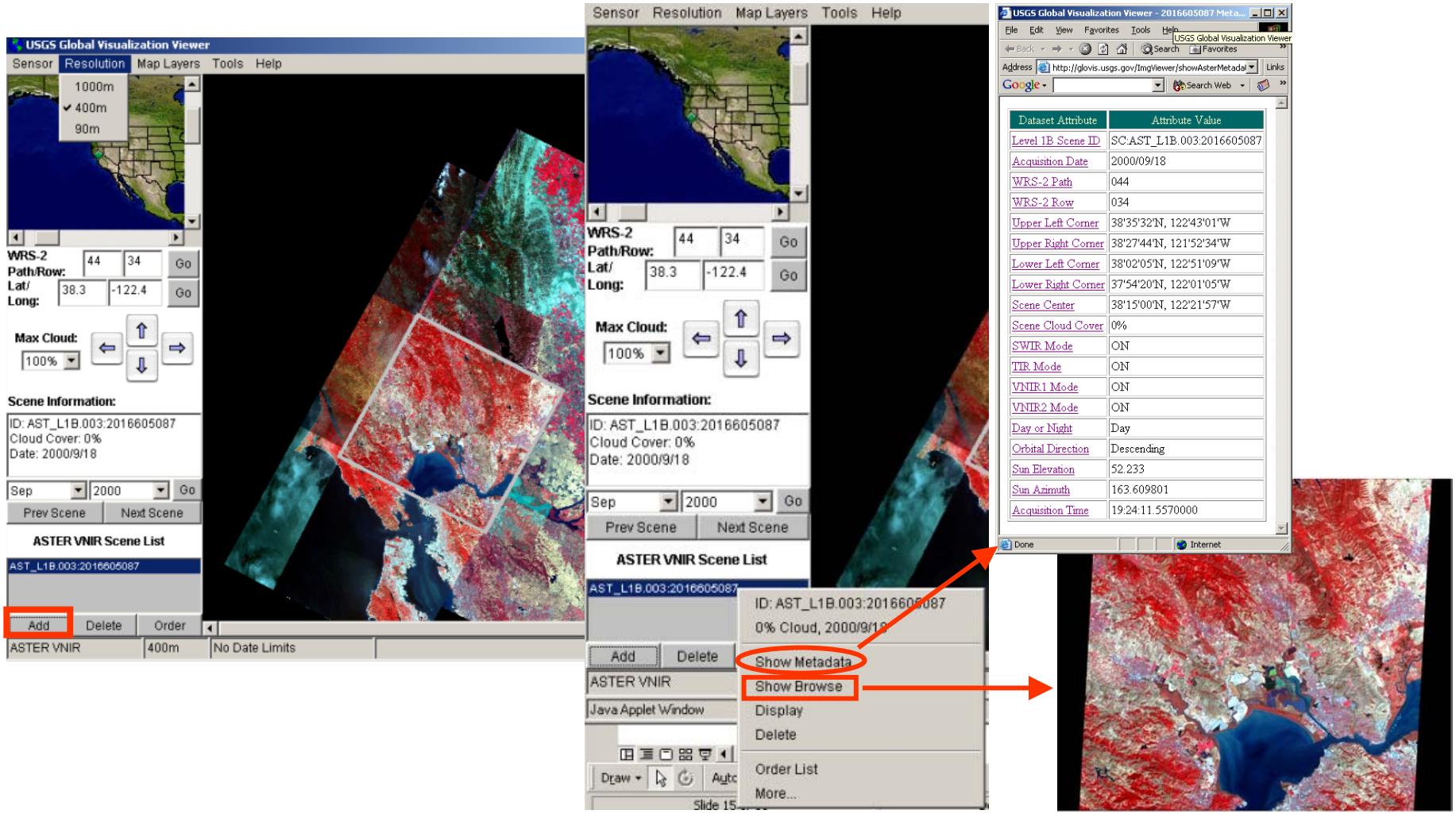
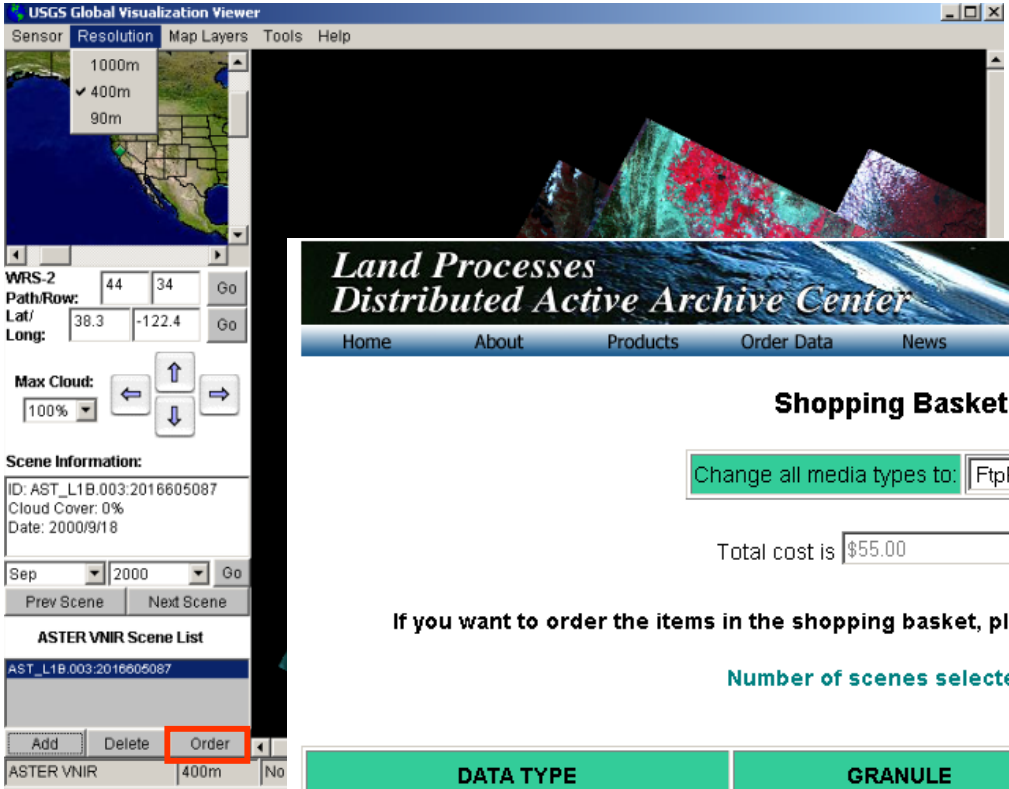
ASTER/MODIS Browse Tool (continued)



ASTER/MODIS Browse Tool (continued)



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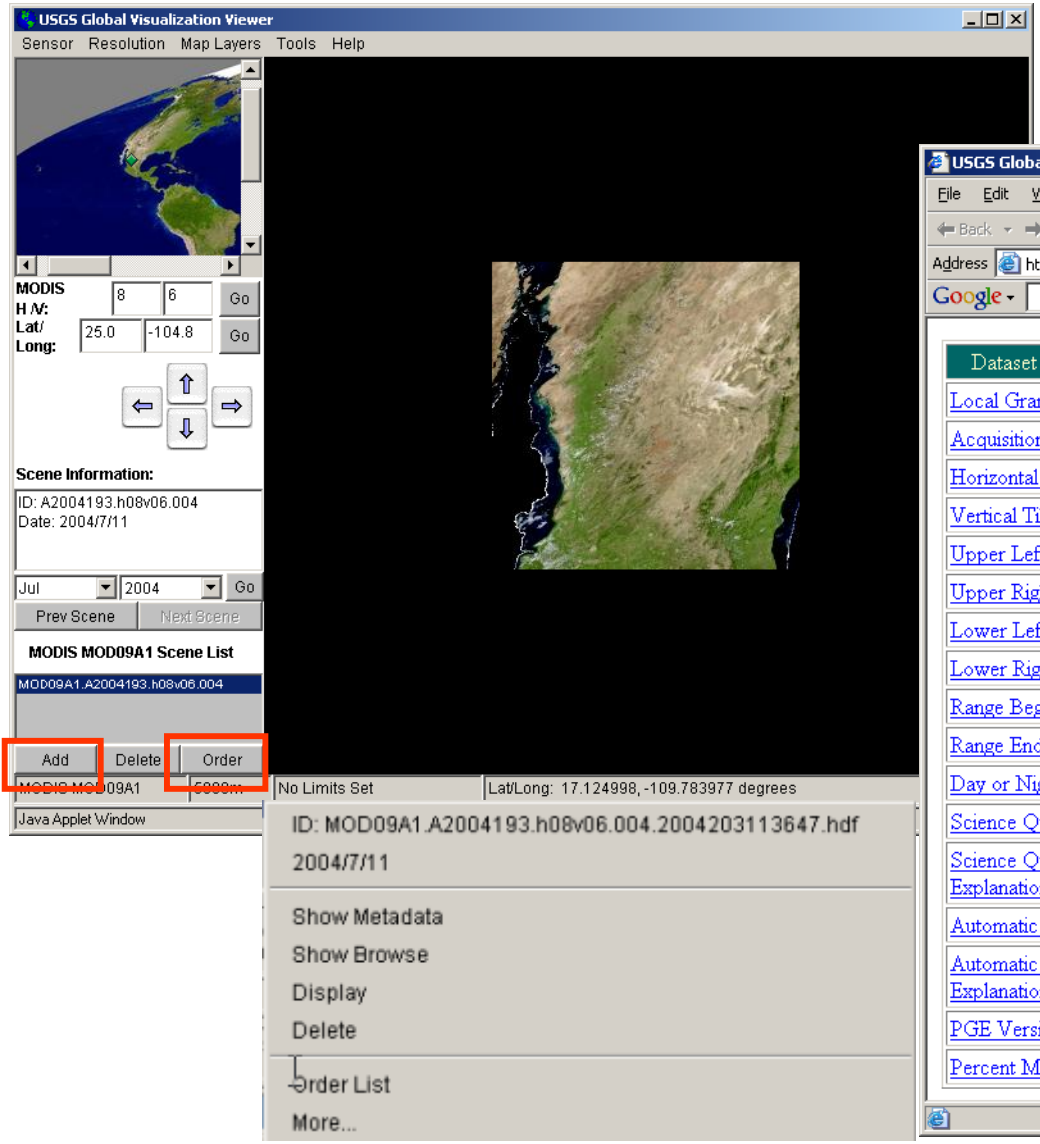
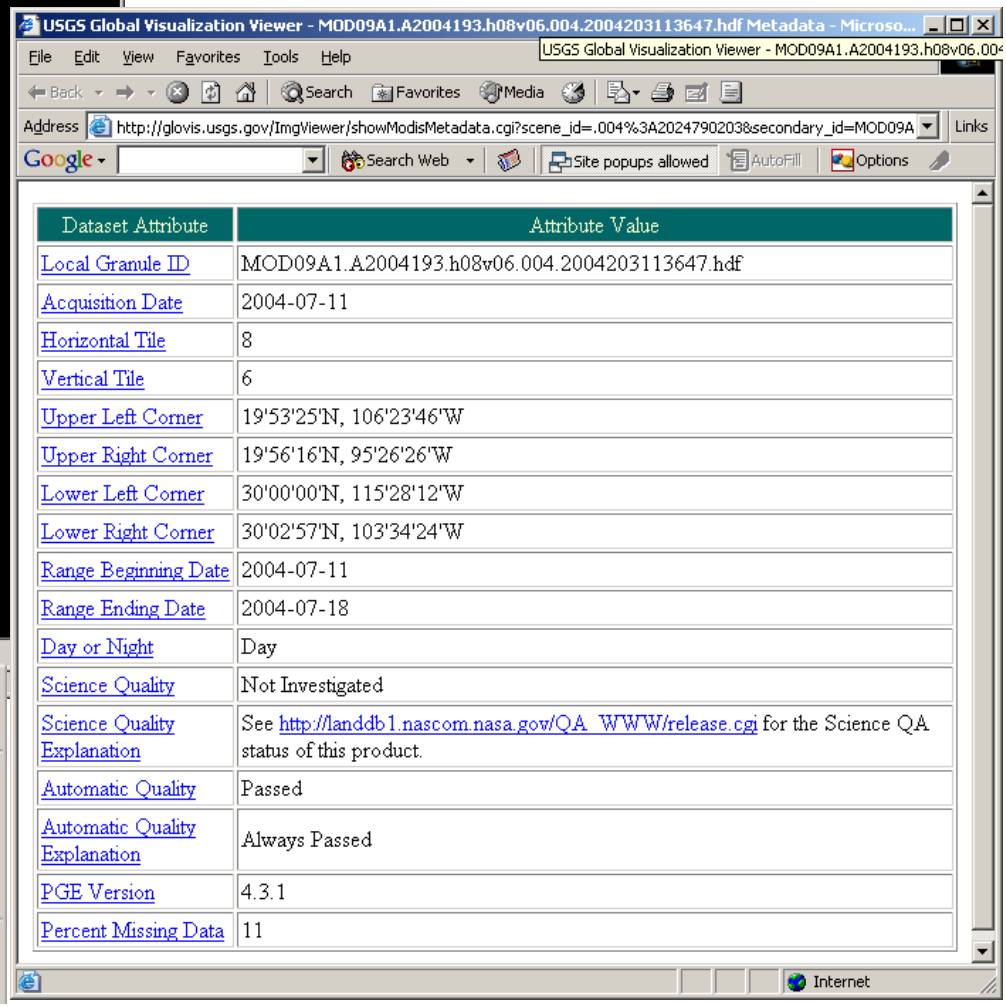
ASTER/MODIS Browse Tool (continued)





Dataset Attribute	Attribute Value
Local Granule ID	MOD09A1.A2004193.h08v06.004.2004203113647.hdf
Acquisition Date	2004-07-11
Horizontal Tile	8
Vertical Tile	6
Upper Left Corner	19'53'25'N, 106'23'46'W
Upper Right Corner	19'56'16'N, 95'26'26'W
Lower Left Corner	30'00'00'N, 115'28'12'W
Lower Right Corner	30'02'57'N, 103'34'24'W
Range Beginning Date	2004-07-11
Range Ending Date	2004-07-18
Day or Night	Day
Science Quality	Not Investigated
Science Quality Explanation	See http://landdb1.nascom.nasa.gov/QA_WWW/release.cgi for the Science QA status of this product.
Automatic Quality	Passed
Automatic Quality Explanation	Always Passed
PGE Version	4.3.1
Percent Missing Data	11

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ASTER/MODIS Browse Tool (continued)

http://edcimswww.cr.usgs.gov/cart/servlet/addToShoppingCart?nodeId=GloVis&orderId=SC:MOD09A1.00 - Microsoft Internet Explo...

File Edit View Favorites Tools Help

Address http://edcimswww.cr.usgs.gov/cart/servlet/addToShoppingCart?nodeId=GloVis&orderId=SC%3AMOD09A1.004%3A2024790062+SC%3AMOD09A

Land Processes Distributed Active Archive Center

Home About Products Order Data News Help/FAQ/Edu Links Contact Us

Shopping Basket

Change all media types to: FtpPull

Total cost is $0.00

If you want to order the items in the shopping basket, please click on Go To Checkout

Number of scenes selected 4

DATA TYPE	GRANULE	MEDIA	COST	Dele
MODIS/Terra Surface Reflectance 8-Day L3 Global 500m SIN Grid V004	SC:MOD09A1.004:2024790203	FtpPull (CDROM, DLT, DVD, FtpPull)	0.00	Del
MODIS/Terra Surface Reflectance 8-Day L3 Global 500m SIN Grid V004	SC:MOD09A1.004:2024790062		0.00	Del
MODIS/Terra Surface Reflectance 8-Day L3 Global 500m SIN Grid V004	SC:MOD09A1.004:2024790465	FtpPull	0.00	Del
MODIS/Terra Surface Reflectance 8-Day L3 Global 500m SIN Grid V004	SC:MOD09A1.004:2024793653	FtpPull	0.00	Del

If you want to order the items in the shopping basket, please click on Go To Checkout

Total cost is $0.00

Internet

Land Processes Distributed Active Archive Center

Home About Products Order Data News Help/FAQ/Edu Links Contact Us

1) Please fill out your Contact, Shipping, and Billing information below.

2) When you are done, click the "Submit" button.

Contact Information:

First Name:(required)
Last Name:(required)
Company/Organization:
Address:(required)
Address:
Address:
City:(required)
State/Province:
Zip/Postal Code:
Country:(required)
Phone:(required)
Fax:
Email:(required)

Shipping Information:

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Is there any other way to access ASTER/MODIS data other than the EDG or the ASTER/MODIS Browse Tool?

- **Data Pool --- http://lpdaac.usgs.gov/datapool/datapool.asp**
- **The Data Pool is an on-line archive that currently provides FTP access to selected ASTER and MODIS data products.**
- **Goals:**

  --- Support increased electronic distribution

  --- Reduce need to pull data from archive

  --- Reduce need for order submissions

  --- Give science and applications users timely, direct access to data

- **This delivery of the Data Pool includes functionality to maintain the Data Pool disks and inventory (define insert rules, insert science and browse granules and metadata, clean-up expired granules, report on data pool access, and tune the data pool content), as well as access data in the Data Pool by subscription, ftp, or the web. It also includes the ability to store non-ECS data and, on demand, convert files using the standard ECS data format (HDF-EOS) into GeoTIFF.**

- **Currently available ASTER/MODIS products are in the Data Pool.**

  ASTER level-1B version 3 over United States Territories only

  MODIS coverage is global

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Data Pool, http://lpdaac.usgs.gov/datapool/datapool.asp

Land Processes Distributed Active Archive Center

- About LP DAAC
- Data Products
- Order Data
- Data Tools
- Help/FAQ/Education
- Links
- Contact Us

Data Access

- EOS Data Gateway
- Data Pool
- Custom ASTER Data
- Browse Tool

Site Search

LP DAAC ◉ FAQ ○

The Land Processes Distributed Active Archive Center (LP DAAC) was established as part of NASA's Earth Observing System (EOS) Data and Information System (EOSDIS) initiative to process, archive, and distribute land-related data collected by EOS sensors, thereby promoting the inter-disciplinary study and understanding of the integrated Earth system. The role of the LP DAAC includes the higher-level processing and distribution of ASTER data, and the distribution of MODIS land products derived from data acquired by the Terra and Aqua satellites.

Data Pool
Function: Data search and order
Products: ASTER (U.S. & Territories), MODIS (Global)
Delivery: FTP
Cost: No Charge

ASTER ASTER MODIS MODIS

News!
- LP DAAC Data Tool Releases
- ASTER/MODIS Data Workshop Registration
- Participate in New Data Survey

Scenes Available
July 19, 2004
ASTER Over 1,119,000
MODIS Over 9,629,000

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Data Pool, http://lpdaac.usgs.gov/datapool/datapool.asp

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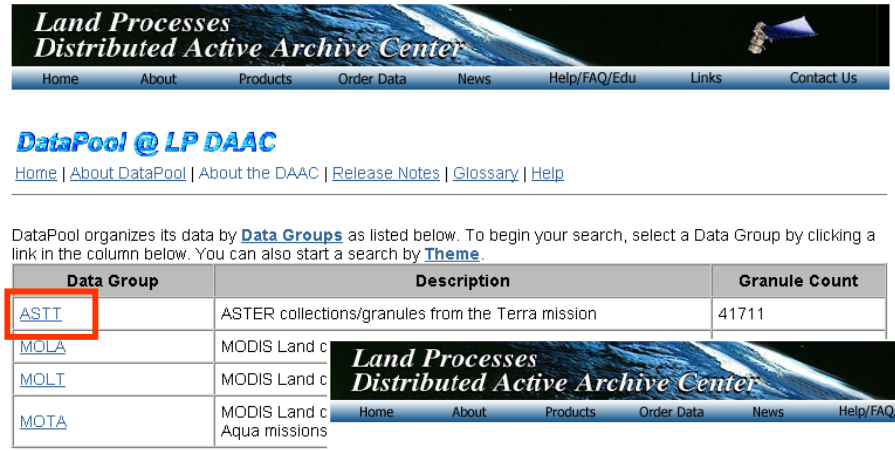
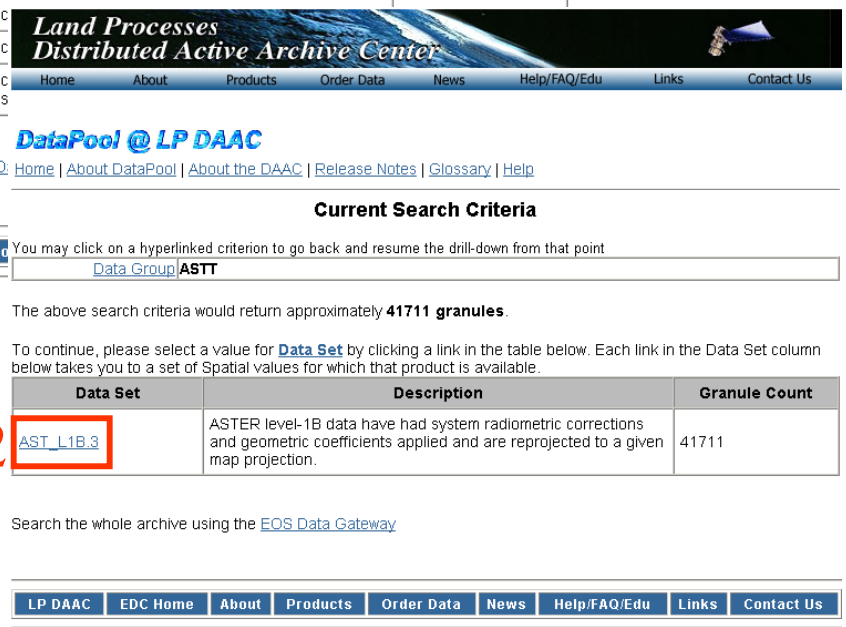
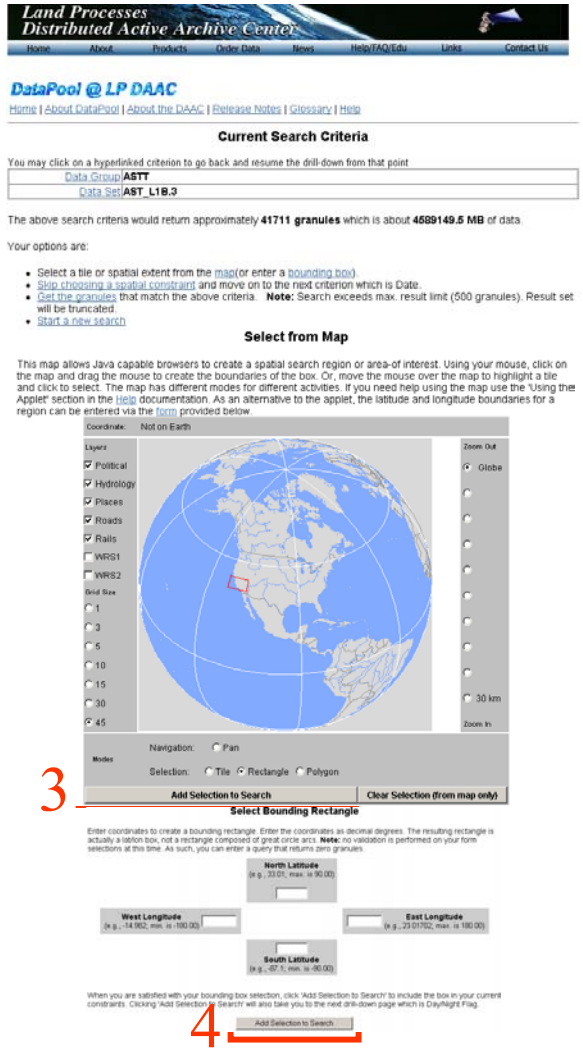
Data Pool, http://lpdaac.usgs.gov/datapool/datapool.asp







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Data Pool, http://lpdaac.usgs.gov/datapool/datapool.asp

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Distributed Active Archive Center

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DataPool @ LP DAAC

Home | About DataPool | About the DAAC | Release Notes | 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	**ASTT**
Data Set	**AST_L1B.3**
Spatial	**llbox(33.7298053,-124.4975906,37.204602,-117.18567000000002)**

The above search criteria would return approximately **896 granules** which is about **98366.33 MB**

Your options are:

- Select a value(or a range) for **Date**.
- Skip Temporal and move on to the next criterion which is Time of Day.
- Get the granules that match the above criteria. **Note:** Search exceeds max. result limit (5
  set will be truncated.
- 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 > 2004

January
February
March
April
May
June
July
August
September
October
November
December

May
7

SUN	MON	TUE	WED	THU	FRI	SAT	Weeks of the Year
						01	Week 18
02	03 7	04	05	06	07	08	Week 19 7
09	10	11	12	13	14	15	Week 20
16	17	18	19	20	21	22	Week 21
23	24	25	26	27	28	29	Week 22
30	31						Week 23

- - OR - -

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:** 2004	**Month:** MAY	**Day:** 01
End Date	**Year:** 2004	**Month:** MAY	**Day:** 01

When you are satisfied with your date range selection, add it to your search criteria

You can either click "Get the granules" to list all 896 scenes which are inside of your spatial window, or continue to drill down by select temporal criteria to narrow the search.

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Data Pool, http://lpdaac.usgs.gov/datapool/datapool.asp

DataPool @ LP DAAC

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Current Search Criteria

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

Data Group	ASTT
Data Set	AST_L1B.3
Spatial	llbox(33.7298053,-124.4975906,37.204602,-117.1
Date	2004-05-03 - 2004-05-03

The above search criteria would return approximately **7 granules** which is a

Your options are:

- Select a value (or a range) for **Time-of-Day**.
- Skip Time-of-Day and move on to the next criterion which is Day/Nigh
- Get the granules that match the above criteria.
- Start a new search.

Select a Time of Day (GM

On the Hour or On the Half Hou

00:00-01:00	01:00-02:00	02:00-03:00	03:00-04:00
06:00-07:00	07:00-08:00	08:00-09:00	09:00-10:00
12:00-13:00	13:00-14:00	14:00-15:00	15:00-16:00
18:00-19:00 7	19:00-20:00	20:00-21:00	21:00-22:00

DataPool @ LP DAAC

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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	ASTT
Data Set	AST_L1B.3
Spatial	llbox(33.7298053,-124.4975906,37.204602,-117.18567000000002)
Date	2004-05-03 - 2004-05-03

The above search criteria returned **7 granules** which is about **831.266 MB** of data.

Results

7 AST_L1B.3 granules were found.. Total size of granule results set is approximately 831.266 MB.

Cols: Size,Date,Time # Rows: 10 Showing 1 - 7 of 7 rows:

Granule	Size (MB)	Date		Time		Day/ Night
		Begin	End	Begin	End	
SC:AST_L1B.3:2015733673	118.752	2004-05-03	2004-05-03	18:51:24	18:51:24	Day
SC:AST_L1B.3:2015733678	118.752	2004-05-03	2004-05-03	18:51:33	18:51:33	Day
SC:AST_L1B.3:2015733674	118.752	2004-05-03	2004-05-03	18:51:42	18:51:42	Day

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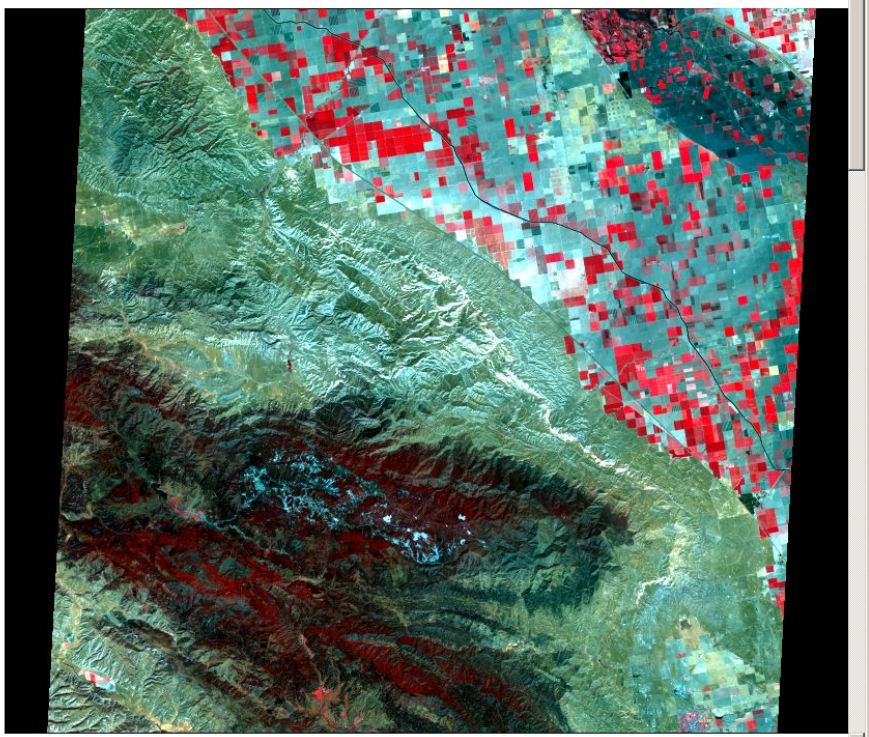
Data Pool, http://lpdaac.usgs.gov/datapool/datapool.asp

Viewing Browse for: SC:AST_L1B.3:2015733678 - Microsoft Internet Explorer

Browse Viewer

Current Granule/Row is 2 of 7: First | Previous | Next | Last

Browse Image for SC:AST_L1B.3:2015733678 (Granule/Row 2 of 7)



Viewing Metadata for: SC:AST_L1B.3:2015733673 - Microsoft Internet Explorer

Granule Metadata Viewer

Current Granule/Row is 1 of 7: First | Previous | Next | Last

Metadata for SC:AST_L1B.3:2015733673 (Granule/Row 1 of 7)

- GranuleMetaDataFile:
  - DTDVersion: **1.0**
  - DataCenterId: **EDC**
  - GranuleURMetaData:
    - GranuleUR: **SC:AST_L1B.003:2023061694**
    - DbID: **2023061694**
    - InsertTime: **2004-05-19 16:12:25.556**
    - LastUpdate: **2004-05-19 16:12:26.9**
    - CollectionMetaData:
      - ShortName: **AST_L1B**
      - VersionID: **3**
    - ECSDataGranule:
      - SizeMBECSDataGranule: **124.512**
      - LocalGranuleID: **AST_L1B#00305032004185124_05132004190208.hdf**
      - DayNightFlag: **Day**
      - ProductionDateTime: **2004-05-13 19:02:08.0**
    - PGEVersionClass:

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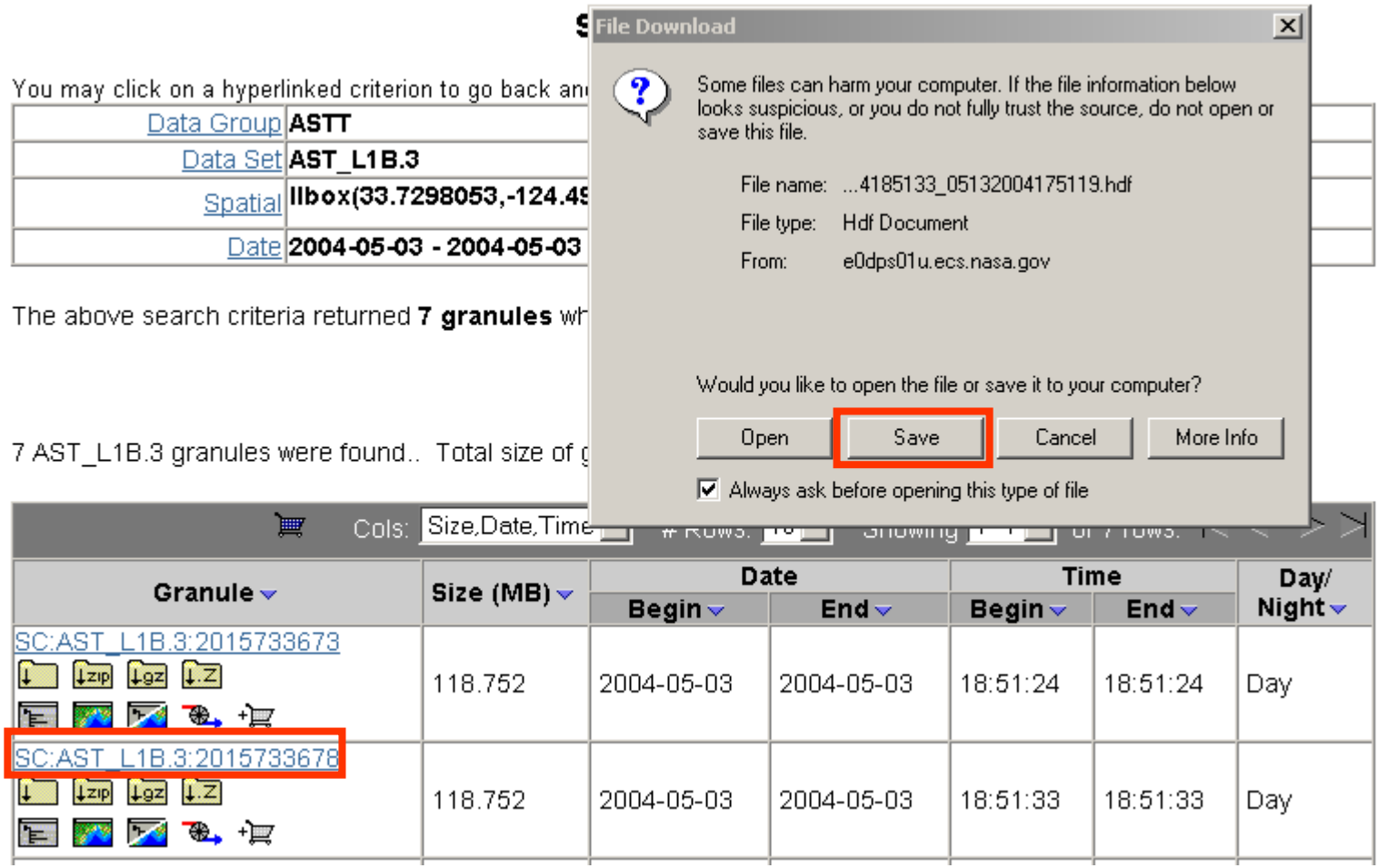
Data Pool, http://lpdaac.usgs.gov/datapool/datapool.asp
Method 1



Data Pool, http://lpdaac.usgs.gov/datapool/datapool.asp
Method 2

Use HEG Converter to get data

DataPool: Converter Dialog - Microsoft Internet Explorer

Select Conversion Parameters for this Granule:

SC:AST_L1B.3:2015733678

Note that requests for formatting, projection changes or subsetting can take some time (some large files can take several hours of processing time). As such, you may want to download files that don't require processing separately from those that do (go back to results to do the separate downloads). For any downloads that do contain formatting, projection changes or spatial subsetting, you will receive two e-mails from this site: the first e-mail is an acknowledgment of your download order and the second contains the results of your order. The acknowledgment e-mail contains information such as your order id. The order e-mail will be sent when your download request has been fulfilled. This e-mail will contain a link(s) to your file(s). You will have a limited period in which to ftp the processed files from the download site. After that, your files will be removed.

Conversion Parameters(Optional)

Format & Projection: No Change (HDF-EOS, No Reprojection)
- No Change (HDF-EOS, No Reprojection)
- HDF-EOS, Geographic
- GeoTIFF, No Reprojection
- GeoTIFF, Geographic

Download Profile

User Name: (Optional) First: Last:

E-mail: **Required** if you selected formatting and projection changes or subsetting OR if you always want an acknowledgment.

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

Convert this granule | Cancel

Download Ordered Data - Microsoft Internet Explorer

Land Processes Distributed Active Archive Center

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DataPool @ LP DAAC

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Your Order ID is 0000000000001068

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.

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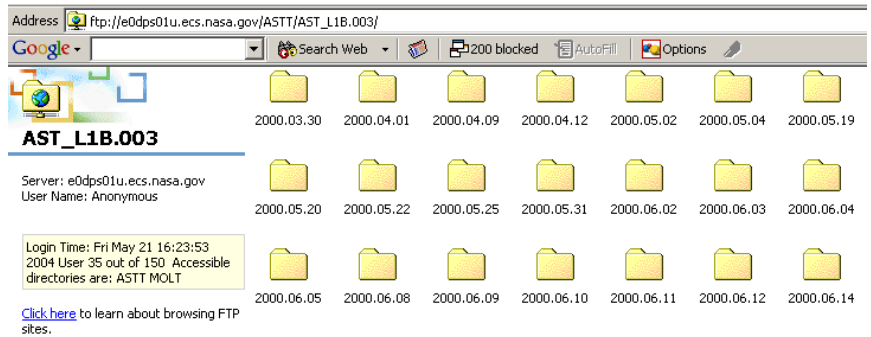

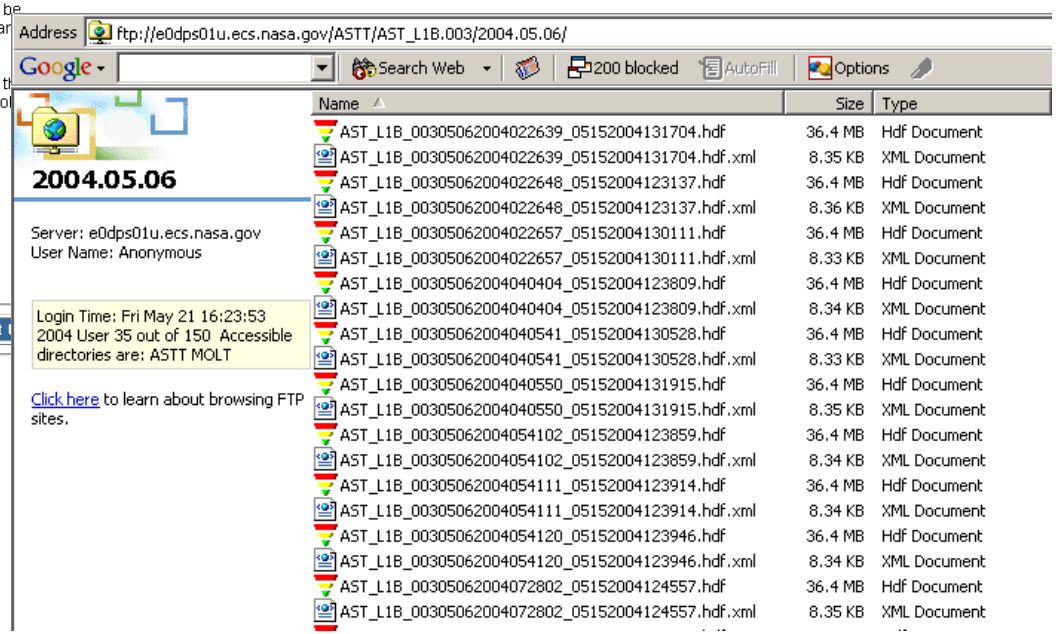

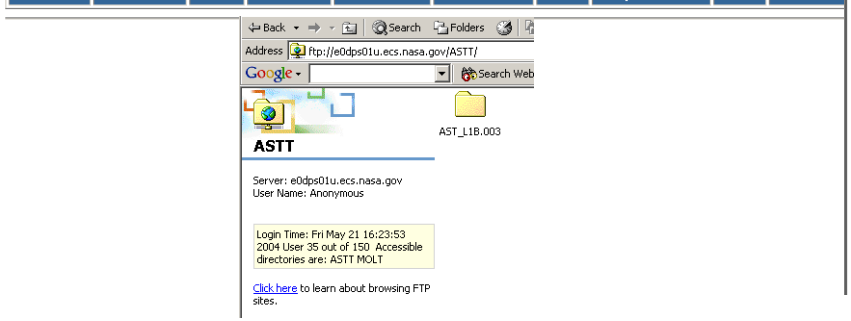

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Land Processes Distributed Active Archive Center

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DataPool organizes its data by **Data Groups** as listed below. To begin your search, select a Dat
link in the column below.

Data Group	Description
ASTT	ASTER collections/granules from the Terra mission
MOLA	MODIS Land collections/granules from the Aqua mission
MOLT	MODIS Land collections/granules from the Terra mission
MOTA	

To continue, please select a value for **Data Set** by clicking a link in the table below. Each lin
below takes you to a set of Date values for which that product is available.

Search th

Data Set	Description	
MOD09A1.4	MODIS/Terra Surface Reflectance 8-Day L3 Global 500m SIN G	
MOD09GHK.4	MODIS/Terra Surface Reflectance Daily L2G Global 500m SIN (	
MOD09GQK.4	MODIS/Terra Surface Reflectance Daily L2G Global 250m SIN (	
MOD09GST.4	MODIS/Terra Surface Reflectance Quality Daily L2G Global 1kr SIN Grid	
MOD09Q1.4	MODIS/Terra Surface Reflectance 8-Day L3 Global 250m SIN G	
MOD11A1.4	MODIS/Terra Land Surface Temperature/Emissivity Daily L3 Global 1km SIN Grid	
MOD11A2.4	MODIS/Terra Land Surface Temperature/Emissivity 8-Day L3 Global 1km SIN Grid	
MOD11B1.4	MODIS/Terra Land Surface Temperature/Emissivity Daily L3 Global 5km SIN Grid	
MOD11C2.4	MODIS/Terra Land Surface Temperature/Emissivity 8-Day L3 Global 0.05Deg CMG	
MOD11C3.4	MODIS/Terra Land Surface Temperature/Emissivity Monthly L3 Global 0.05Deg CMG	
MOD11_L2.4	MODIS/Terra Land Surface Temperature/Emissivity 5-Min L2 Swath 1km	1476
MOD13A1.4	MODIS/Terra Vegetation Indices 16-Day L3 Global 500m SIN Grid	6659

Current Search Criteria

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

Data Group	**MOLT**
Data Set	**MOD09A1.4**

The above search criteria would return approximately **14806 granules** which is about **2280852.5 MB** of data.

Your options are:

- Select a value(or a range) for **Date**.
- Skip Date and move on to Time_of_Day Go
- Get the granules that matc a. **Note:** Search exceeds max. result limit (500 granules). Result set will be truncated.
- Start a new search

Time_of_Day
Spatial
Cloud_Cover
Day/Night_Flag
Science_QA

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).

2001 > 2003 > 2004

January
February
March
April
May
June
July
August
September
October
November
December

July
908

SUN	MON	TUE	WED	THU	FRI	SAT	Weeks of the Year
				01 304	02 301	03 311	Week 27 607
04 290	05 290	06 290	07 290	08 290	09 290	10 290	Week 28 290
11 297	12 300	13 300	14 300	15 300	16 300	17 300	Week 29 300
18 297	19 8	20	21	22	23	24	Week 30 297
25	26	27	28	29	30	31	Week 31

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Select from Map

This map allows Java capable browsers to create a spatial search region or area-of interest. Using your mouse, click on the map and drag the mouse to create the boundaries of the box. Or, move the mouse over the map to highlight a tile and click to select. The map has different modes for different activities. If you need help using the map use the 'Using the Applet' section in the Help documentation. As an alternative to the applet, the latitude and longitude boundaries for a region can be entered via the form provided below.

Coordinate: Not on Earth

Layers
- Political
- Hydrology
- Places
- Roads
- Rails
- WRS1
- WRS2

Zoom Out
- Glob
- 30 km

Zoom In

Grid Size 45

Map Interaction: Pan | Pan&Zoom | Select Rectangle | Select Polygon

Add Selection to Search | Clear Selection (from map only)

Select Bounding Rectangle

Enter coordinates to create a bounding rectangle. Enter the coordinates as decimal degrees. The resulting rectangle is actually a lat/lon box, not a rectangle composed of great circle arcs. **Note:** no validation is performed on your form selections at this time. As such, you can enter a query that returns zero granules.

North Latitude
(e.g., 33.01; max. is 90.00)

West Longitude
(e.g., -14.982; min. is -180.00)

East Longitude
(e.g., 23.01702; max. is 180.00)

South Latitude
(e.g., -87.1; min. is -90.00)

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

Data Group	**MOLT**
Data Set	**MOD09A1.4**
Spatial	**llbox(42.2804302,-125.2448037,46.0039518,-114.5216225)**

The above search criteria would return approximately **144 granules** which is about **22183.316 MB** of data.

Your options are:

- Select a value for **Cloud Cover Percentage**.
- Skip Cloud Cover and move on to Day/Night_Flag Go
- Get the granules that match the above criteria.
- Start a new search

Cloud Cover Percentage

Source Parameter	QAPERCENTNOTPRODUCEDCLOUD
Source Description	OPS Aqua/Terra Modis DataSets

Select an Upper Limit

Cloud Cover Value	Granule Count
<= 90%	144
<= 80%	144
<= 70%	144
<= 60%	144
<= 50%	144
<= 40%	144

--OR--

Select a Range

Enter a cloud cover range or an upper or lower cloud cover value. Default values will be selected in the case that you enter an upper or lower value only. You may enter any integer value from 0 to 100. Decimals are not allowed.

Cloud Cover is less than or equal to [ ] %

AND

Cloud Cover is greater than or equal to [ ] %

Add range to search

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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	**MOLT**
Data Set	**MOD09A1.4**
Spatial	**llbox(42.2804302,-125.2448037,46.0039518,-114.5216225)**

The above search criteria returned **144 granules** which is about **22183.316 MB** of data.

Results

- 144 MOD09A1.4 granules were found. Average granule size is approximately 154.051
- The source parameter for Cloud Cover (shown as '**Cloud %**' in the table below) is: QAPERCENTNOTPRODUCEDCLOUD.
- The source parameter description is: OPS Aqua/Terra Modis DataSets.
- The total size of the results set is approximately 22183.316 MB.

Cols: Std. Metadata # Rows: 10 Showing 1 - 10

Granule	Cloud %	Size (MB)	Date		
			Begin	End	Begi
SC:MOD09A1.4:2012880613	0	154.057	2003-07-04	2003-07-11	17:05
SC:MOD09A1.4:2012880404	0	154.053	2003-07-04	2003-07-11	17:10:00

Cols: Std. Metadata

Granule	Cloud %	Siz
SC:MOD09A1.4:2012880613	0	15
SC:MOD09A1.4:2012880404	0	15

Convert and order (no charge) granule SC:MOD09A1.4:2012880404. Conversions: HDF to GeoTIFF, projection change, spatial and band subsetting

1 - 10 of 144 rows:

et to Shopping Cart | View Shopping Cart

Data Pool, http://lpdaac.usgs.gov/datapool/datapool.asp

Cart Contents

- 3 MOD09A1.4 granules were found. Average granule size is approximately 154.052 MB.
- Total size of data is 462.155 MB.

Rows: 10 Showing 1 - 3 of 3 rows:

Granule	Size (MB)	Format	Projection	Subsetting
SC:MOD09A1.4:2012864135	154.044	HDF-EOS	No Change (No Change / Geographic / Polar Stereographic / Sinusoidal / Universal Transverse Mercator)	
SC:MOD09A1.4:2012880404	154.053	HDF-EOS		
SC:MOD09A1.4:2012880613	154.057	HDF-EOS	No Change	

Rows: 10 Showing

When you've completed your selections, If you would

Select Media Empty the

Spatial Subsetting for SC:MOD09A1.4:2012864135

Please enter values for the coordinates:

North Latitude (e.g., 33.01; max. is 90.00): 45

West Longitude (e.g., -14.982; min. is -180.00): -140

East Longitude (e.g., 23.01702; max. is 180.00): -120

South Latitude (e.g., -87.1; min. is -90.00): 40

Note: No defaults will be calculated for spatial subsetting if values are not entered into the field.

☐ Apply these settings to all applicable granules in the shopping cart.

☐ Make these settings the default for incoming granules.

OK Cancel

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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.

CDROM, DVD, 8MM and DLT are not available because you selected a HEG conversion option.

Select One	Media Type	Media Format	Max. Size Limit (MB)	Min. Size Limit (MB)	Media Capacity (MB)	Max. Granule Counts
◉	Download	Selectable Upon Order Notification	No Limit	No Limit	No Limit	No Limit

Change media selection?

OK Cancel

Download Profile

User Name: (Optional)	First: Last:
E-mail:	**Required** if you selected formatting and projection changes or subsetting OR if you always want an acknowledgment.

☐ Send acknowledgment 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,
Order the Data	Back To Cart	Back To Media

MODextract script

LP DAAC provides an offline capability for downloading MODIS products via FTP from the LP DAAC DataPool

Script is downloaded and run locally on the end-user's machine

Platforms Supported

GNU/LINUX 2.4.21-15.ELsmp
IRIX 6.5
Solaris 8

** Has not been ported to Windows

MODextract Capabilities

- MODextract executes a user-supplied input parameter file
- Only Gridded MODIS products with horizontal and vertical tile locations are supported (MOD13A1 MOD11A1 MOD17A2 etc)
- Requires "expect" downloaded from: http://expect.nist.gov/
- Expect is a tool that automates interactive applications such as ftp, rlogin, telnet, etc

MODextract Installation

MODIS Data Pool Extraction Tool Download
http://lpdaac.usgs.gov/landdaac/tools/datapool/dist/download.asp

PREREQUISITES:

MODextract requires **Expect** which can be downloaded from http://expect.nist.gov/.
MODextract has been tested on the following platforms:

- IRIX 6.5
- Solaris 8
- GNU/Linux 2.4.21-15.ELsmp

MODextract has NOT been ported to Windows.

INSTALLATION INSTRUCTIONS FOR MODEXTRACT:

Download the following files from this web site into a directory of your choosing (right click and Save Link Target As....):

```
MODextract(772MB)              (main script file)
MODextract.procs(577MB)        (supporting procedure file)
MODextract.README(355MB)       (user documentation)
input_para.txt(124MB)          (sample input parameter file)
```

Modify the permissions to allow execution of the script:

```
chmod 755 MODextract MODextract.proc
```

Edit the input_para parameter file to locate the desired MODIS data (see the MODextract.README file for information on how to set up the parameter file).

MODextract Operation

RUNNING MODEXTRACT:

The usual way to run MODextract is:

```
MODextract <input parameter file> [output directory]
```

If you get a "Permission denied" or "Command not found" error, the command line may have to be preceded by your location of Expect, for example,

```
/usr/bin/expect MODextract <input parameter file> [output directory]
```

or with the script's path, such as

```
./MODextract <input parameter file> [output directory]
```

Example of Input Parameter File

edcsgs23

```
MOD13A2.004      #input dataset and version - avg size 125 MB
2004.05.01       #start date
2004.07.31       #end date
10, 05         #UL horizontal, vertical tile
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
```

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MODextract Execution

```
edcsgs23
edcsgs23%
edcsgs23%  MODextract input_para mod13/files
Downloading files to mod13/files

Connecting with the LP DAAC Data Pool.
Connected with the LP DAAC Data Pool.

Searching the LP DAAC Data Pool for your data.
 Transferring file 2004.05.08/MOD13A2.A2004129.h10v05.004.2004147084435.hdf to
mod13/files/MOD13A2.A2004129.h10v05.004.2004147084435.hdf
 Transferring file 2004.05.24/MOD13A2.A2004145.h10v05.004.2004164012844.hdf to
mod13/files/MOD13A2.A2004145.h10v05.004.2004164012844.hdf
 Transferring file 2004.06.09/MOD13A2.A2004161.h10v05.004.2004183022157.hdf to
mod13/files/MOD13A2.A2004161.h10v05.004.2004183022157.hdf
 Transferring file 2004.06.25/MOD13A2.A2004177.h10v05.004.2004199192711.hdf to
mod13/files/MOD13A2.A2004177.h10v05.004.2004199192711.hdf
 Transferring file 2004.07.11/MOD13A2.A2004193.h10v05.004.2004215052852.hdf to
mod13/files/MOD13A2.A2004193.h10v05.004.2004215052852.hdf

Your data is staged in directory mod13/files

Please check the MODextract.log file in this directory.

edcsgs23%
```

ON-LINE ASTER/MODIS RESOURCES

EROS Data Center Land Processes DAAC:
http://LPDAAC.usgs.gov/

EOS Data Gateway:
http://edcimswww.cr.usgs.gov/pub/imswelcome

ASTER/MODIS Data Pool:
http://lpdaac.usgs.gov/datapool/datapool.asp

ASTER/MODIS Browse Tool:
http://lpdaac.usgs.gov/aster/glovis.html

ASTER On-Demand Gateway:
http://lpdaac.usgs.gov/asterondemand/

JPL ASTER Home Page:
http://asterweb.jpl.nasa.gov

LPDAAC-JPL ASTER User Handbook:
http://asterweb.jpl.nasa.gov/documents/aster_user_guide_v2.pdf

GDS ASTER Home Page:
http://www.gds.aster.ersdac.or.jp

MODIS Home Page:
http://modis.gsfc.nasa.gov/

MODIS Global Browse Page:
http://modis-land.gsfc.nasa.gov/
http://landweb.nascom.nasa.gov/cgi-bin/browse/browse.cgi

LP DAAC Contact Information:

LP DAAC User Services

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