

Data Pool FTP Service



- **Pre-defined directory structure**
 - *./<DataPool Home Directory>/<Data Pool Collection Group>/<shortname.versionid>/<acquisition date>*
- **Anonymous FTP Service supports access through interactive FTP sessions or scripts**
- **Scenario**
 - Log in as anonymous user
 - Data Pool FTP service establishes connection and assigns default directory for the Service
 - User navigates directory and searches for data
 - User downloads data to remote disk
 - User may repeat search and download
 - User logs out of Data Pool FTP service

Data Dictionary Maintenance



- **V0 Requests to ECS are sent to ECS V0 Gateway**
- **ECS V0 Gateway reads the ECS Data Dictionary containing the terminology mapping information**
- **EOS Data Gateway client must have ECS Valid terminology for searchable attributes**
 - source
 - sensor
 - geophysical parameter
 - data set name
 - data center ID
 - campaign
 - processing level
 - geographical coordinates
 - temporal intervals
- **EOSDIS V0 IMS has a two-week valids update cycle**
- **Tool permits mapping to collections (done when importing valids) and export of valids**

Data Dictionary Maintenance Tool



Data Dictionary Maintenance Tool

File Selected Edit Help

Modify Data Import Vallds File Map Attributes/ Keywords Export Vallds File

1. Select Data Type

Data Type: Selection

Selection Criteria...

EOSAttributeName	Status
AM1ATTF	1
AM1A1111	1
AM1ATTVO	1
AM1A11M	1
AM1DIAG1	1
AM1DIAG2	1
AM1EPHO	1
AM1EPHND	1
AM1Ephem	1
AM1GDTrk	1
AM111K	1
AM1HS	1
AM1OrNum	1
AM1ST	1
AP	1
ASF00001	1

Find:

2. Select Physical Data Form

Data Type:

Selection Criteria...

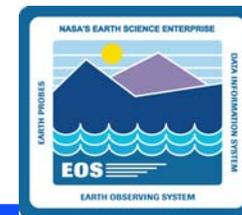
3. Edit Selected Data Type Instance

Edit... Delete Undo

4. Update Database

Update Cancel

Data Dictionary Maintenance Tool (Cont.)



Data Dictionary Maintenance Tool in Mode, TS2

File Selected Edit Help

Modify Data Import Valids File Map Attributes/Keywords Export Valids File

ECS To VO Mapping

1. ECS Attributes

Attribute
InstrumentGuidePointer
InstrumentLongName
InstrumentShortName
InstrumentTechnique

Find

2. ECS Keywords

Keyword
FM2
MISR
MODIS
MOPITT

Find

3. Equivalent Attributes

Attribute
CAMPAIGN
DATA_CENTER_ID
PARAMETER
PROCESSING_LEVEL

Find

4. Equivalent Keywords

Keyword	Status	State
No mapping	Not Mapped	Done

Find

Add

Update Cancel

Update All Collections

Data Dictionary Maintenance Tool (Cont.)



Data Dictionary Maintenance Tool in Mode, TS2

File Selected Edit Help

Modify Data Import Valids File Map Attributes/ Keywords Export Valids File

1. Select Export Protocol VO-IMS

2. Get list of collections Selection Criteria...

3. Select collections to export

Collections

Short Name	Version Id	Status
MOD01	1	Export

Find

4. Export collections to file

File name for export : /home/cmts2/mod01.valid or Browse...

Save Cancel

Data Dictionary Maintenance Tool (Cont.)



Data Dictionary Maintenance Tool in Mode, TS2

File Selected Edit Help

Modify Data Import Valids File Map Attributes/ Keywords Export Valids File

1. Select Import Protocol

2. Load Valids File. File Name : or

3. Check File Syntax.

3. Save Syntax Errc File Name : or

4. Available Collections.

5. Update Database.

DDMT User Messages



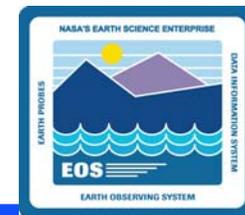
Message Text	Impact	Cause/Corrective Action
Failed.	Cannot proceed with the subsequent and corresponding actions.	Operator action did not result in the desired program function. Check prior entries before action entries.
Can't undo.	Cannot cancel previous action.	Cancellation is not possible. No corrective action available.
The Query failed for all the collections.	Query cannot be performed.	Could not perform the query for all the collections. Check the DDICT server log files for possible connectivity or Sybase errors and, if indicated, contact the System Administrator or Database Administrator to correct identified problems. Then try again.
The Query failed for some of the collections.	Query cannot be completely performed..	Could not perform the query for some of the collections. Check the DDICT server log files for possible connectivity or Sybase errors and, if indicated, contact the System Administrator or Database Administrator to correct identified problems. Then try again.
The Query succeeded for all the collections.	N/A.	Informational message.
The Query succeeded for some collections.	N/A.	Informational message.
Error connecting to Data Dictionary Server.	Data Dictionary Server not connected.	Contact System Administrator/Operations Supervisor to ensure that the server is running and to check for connectivity problems.
Querying database.	N/A.	Informational message.
Updating database.	N/A.	Informational message.

DDMT User Messages (Cont.)



Message Text	Impact	Cause/Corrective Action
The update was successful.	N/A.	Informational message.
The update failed.	Database cannot be updated.	Updating the database did not work. Check the DDICT server log files for possible connectivity or Sybase errors and, if indicated, contact the System Administrator or Database Administrator to correct identified problems. Then try again.
No attribute has been specified.	No further action on attributes will occur.	Attributes are not specified. Specify the attributes and try again.
A valid value has not been specified.	No further action will occur.	A value was not specified. Specify a value and try again.
Unable to connect to Data Dictionary Server. Please try later.	Data Dictionary Server not connected.	Contact System Administrator/Operations Supervisor to ensure that the server is running and to check for connectivity problems.
The query matched no items in database.	N/A.	Informational message.
The query failed.	Query cannot be performed.	Could not perform the query. Check the DDICT server log files for possible connectivity or Sybase errors and, if indicated, contact the System Administrator or Database Administrator to correct identified problems. Then try again.
Unknown internal error.	The connection to the server is not available.	Contact System Administrator/Operations Supervisor to ensure that the server is running and to check for connectivity problems.
Cannot open valids file <valids filename>.	Valids file will not be available.	The valids file specified does not exist. Specify the correct valids file and try again.
Saved file <filename>.	N/A.	Informational message.
Data Dictionary updated.	N/A.	Informational message.
You have pending actions, which will be lost if you exit. Do you really want to exit?	Loss of pending actions.	Operator trying to exit before confirmation of database changes. Confirm before exiting.
Do you really want to exit?	Seeks confirmation.	Operator confirmation required before exiting. Confirm before exiting.
Unable to open specified file. Try another filename.	File specified will not be available.	The file specified by the operator cannot be opened. Specify correct file name and try again.

DDMT User Messages (Cont.)



Message Text	Impact	Cause/Corrective Action
You have made changes to <item name>, which will be lost if you proceed. Do you want to continue?	Loss of current changes.	Operator confirmation required before exiting the current action. Confirm before exiting.
Query failed.	N/A.	Database search resulted in no selections.
The query failed, possibly due to a server problem.	Connection to DDICT server not available.	Contact System Administrator/Operations Supervisor to ensure that the server is running and to check for connectivity problems.
Unable to open output file <filename>.	Output file not available.	Specified output file does not exist. Check for its presence. Create file if necessary and try again.
Not available <List of items not available>.	File is not available.	Configuration File Error. Contact System Administrator to ensure use of the correct Configuration File with all the entries required.
No file specified. Please select or type a file name.	File not available.	A filename has not been specified. Select the proper filename and try again.
<filename> does not exist. Please try again.	File not available.	File selected does not exist. Select a file that is present and try again.
Unable to access <filename>. Please try again.	File not available.	Cannot access the specified file. Check for the presence of the specified file.
<filename> is a directory. Please also specify a file.	File not available.	File selected does not exist. Specify a filename instead of the directory.
<filename> is not a proper file. Please try again.	File not available.	File selected is not proper. Specify a proper filename.
<filename> already exists and will be overwritten. Do you want to continue?	A file is overwritten.	Operator has used an existing filename. Use a different filename to avoid overwriting an existing file.
Value missing for required field. Please specify a value.	Cannot proceed with the action.	Improper entry in the desired field. Make a proper entry and try again.
Elements in valids section of data file not understood.	The data file is not usable.	The valids file is not correct. Use the proper valids file and try again.

Data Dictionary Server Log Files



- **Check log files; review with UNIX editor (e.g., *pg*, *view*, *vi*, *more*, *tail*)**
- **Path: */usr/ecs/<mode>/CUSTOM/logs***
- **EcDmDictServerDebug.log**
 - If evidence of network error, notify System Administrator
- **EcDmDictServer.ALOG**
 - If evidence of Sybase error, notify Database Administrator

Cross-DAAC Referral



- **Referral to another DAAC**
 - **User Contact Log record – document the request**
 - **User Profile – verify user registration**
 - **Data Search and Order tool – locate the requested data**
 - **Forward original request to the other DAAC**
 - **Add explanatory information**
 - **Attach preliminary search as a desktop object**
 - **Attach original Contact Log Id record**
 - **Send the requester E-mail explaining that the request for help has been forwarded**

Cross-DAAC Referral (Cont.)



- **Receive referral from another DAAC**
 - **User Contact Log record** – document receipt of the referral
 - **User Profile** – verify for yourself that the requester is a registered user
 - **Data Search and Order tool** – locate the requested data
 - **Review the E-mail** – verify that the search is complete or add search parameters, contacting the user if more information is necessary
 - **Submit the order**
 - **Update User Contact Log record** – indicate completion of order; close the record

Cross-DAAC Tracking



- **Tracking to another DAAC**
 - **User Contact Log record: document the request**
 - **User Profile: verify that the requester is a registered user**
 - **Query User Contract Log: search for closed record concerning user request**

Cross-DAAC Tracking (Cont.)



- **Responding to tracking request from another DAAC**
 - **User Contact Log record – update record to document current status check**
 - **User Profile – verify that requester is still registered**
 - **ECS Order Tracking tool – check on status of user's data request**
 - **telephone or E-mail to the user – provide status of data request**
 - **telephone or E-mail to the original DAAC – permit closing of User Contact Log record there**
 - **User Contact Log record – update record to document that status was provided**

Objectives and Importance



- **Overall: Proficiency in providing support to users of the ASTER Data Acquisition Request (DAR) tool and On-Demand Form Request Manager (ODFRM)**
 - Describe the ASTER DAR tool and its purpose
 - Create and submit a DAR, including instrument settings, data quality, transmission, viewing geometry, spatial requirements, and temporal requirements
 - Create and submit a query to the xAR Database
 - Create and submit an ASTER On-Demand Product Request
 - Track and cancel an ASTER On-Demand Product Request
- **Lesson topic helps prepare EDC User Services representatives to assist users in application of the ASTER DAR tool for preparing ASTER Data Acquisition Requests, and in application of the ODFRM for preparing On-Demand Product Requests**

Data Acquisition Requests



- **DAR: a user request submitted through the ECS Client to schedule data acquisition by the Advanced Spaceborne Thermal Emission and Reflection (ASTER) Radiometer**
 - submitted to the ASTER Ground Data System (GDS) in Japan
 - the GDS controls scheduling of the ASTER instrument
 - collected data are provided as level 1A and level 1B data to the EROS Data Center (EDC)

ASTER DAR Tool (ADT) Organizer Tab



The screenshot shows the "Java DAR Tool" window with the "Organizer" tab selected. The window has a menu bar (File, View, Organizer, Help) and a toolbar with icons for folder operations and a "Show:" dropdown menu set to "All Folders". The main area displays a tree view under the "Brazilian Studies" folder:

Folder Name	DAR Name	Count	Ownership	Date/time
Brazilian Studies				Tue Dec 08 13:27:27 EST 1998
Paras	DAR	0	(Ownership : ECSGuest)	Jan 10 2000 16:02:06 EST
Bahia	DAR	0	(Ownership : ECSGuest)	Jan 10 2000 16:02:28 EST
Amazonas	DAR	0	(Ownership : ECSGuest)	Jan 10 2000 16:02:53 EST
Grasslands				Jan 10 2000 16:03:21 EST

At the bottom of the window, there is a text box explaining the Organizer's function and an "ONLINE HELP" button.

The Organizer is essentially a simple file manager for your DAR information. The Organizer contains user-created (1) folders and (2) DARs. To see what's under a folder double-click on it or use the switch to the left of the folder. Double-clicking on a DAR will load that DAR into the editor screen (Create/Edit DAR tab). Clicking the

Warning: Applet Window

ADT Create/Edit DAR General Tab



Java DAR Tool

File View Create/Edit DAR Help

Organizer Create/Edit DAR Create/Edit Search Inspect Results

Submit DAR

General Spatial Temporal Coverage Geometry Priority

DAR Title: Amazonas

User ID: ECSGuest

Investigation Class: Other

Scientific Objective:

Maximum Cloud Coverage(%): ≤20%

Day and/or Night Settings: day

Telescope Selection: full mode

Show Gain Settings: YES NO

Visible and Near Infrared (VNIR): Short Wave Infrared (SWIR):

Band1: high	Band4: normal	Band7: normal
Band2: high	Band5: normal	Band8: normal
Band3: normal	Band6: normal	Band9: normal

Note: Press button to save values >>> Update DAR >>>

Reset Attribute Reset All

DAR Summary

- General - Primary Attributes
- General - Telescope Settings
- Spatial
- Temporal
- Coverage
- Geometry
- Priority

The Create/Edit DAR tab above contains nested tabs which allow you to enter DAR parameters. It is MANDATORY to set spatial coordinates (latitude & longitude) and temporal parameters (lifetime start and end dates) for all DARs. All other parameters are optional. Press the 'Update DAR >>>' button to add entered values to your DAR. Press the 'Submit DAR' button (on toolbar above) to submit the DAR to the ASTER GDS.

ONLINE HELP

Warning: Applet Window

ADT Create/Edit DAR Temporal Tab



Java DAR Tool

File View Create/Edit DAR Help

Organizer Create/Edit DAR Create/Edit Search Inspect Results

Submit DAR

General Spatial **Temporal** Coverage Geometry Priority

DAR Lifetime:

Start: 1 11 2000 End: 1 10 2001
Month/Day/Year Month/Day/Year

DAR Lifetime: Period over which all acquisitions may occur; may have multiple AWs.

Repeat Interval: 365 23 (Days)(Hours)

Acquisition Window: 365 23 (Days)(Hours)

AW Duration: Length of each AW. The first AW begins with the DAR Lifetime Start Date.
RI: Time from start of one AW to the start of the next (used only with multiple AWs).
Note: Having multiple AWs may entail resetting Multi-Temporal Observations on the Coverage tab.

Note: Press button to save values >>> **Update DAR >>>**

DAR Summary

- General - Primary Attributes
- General - Telescope Settings
- Spatial
- Temporal
- Coverage
- Geometry
- Priority

Reset Attribute Reset All

The Temporal tab above provides the capability to enter DAR temporal parameters. You must set the start and end date parameters for your DAR. The Repeat Interval and Acquisition Window parameters may be left set to their defaults or they may be changed. When finished press 'Update DAR >>>' to display the entered parameters in the DAR Summary.

ONLINE HELP

Warning: Applet Window

ADT Create/Edit DAR Geometry Tab



Java DAR Tool

File View Create/Edit DAR Help

Organizer Create/Edit DAR Create/Edit Search Inspect Results

Submit DAR

General Spatial Temporal Coverage Geometry Priority

Telescope Look Angle

"+" = Satellite Left "-" = Satellite Right

Any Look Angle Specific Look Angle

Look Angle Range Preset Look Angle

Sun Angle

Any Sun Angle Sun Angle Range

Note: Press button to save values >>> **Update DAR >>>**

Reset Attribute **Reset All**

DAR Summary

- General - Primary Attributes
- General - Telescope Settings
- Spatial
- Temporal
- Coverage
- Geometry
- Priority

The Geometry tab above provides the capability to enter look angles and sun angles using a variety of methods. There are no required entries for this tab. Selecting any of the look angle radio button settings results in the display of different look angle fields and components. When finished press 'Update DAR >>>' to display the entered parameters in the DAR Summary.

ONLINE HELP

Warning: Applet Window

ADT Create/Edit DAR Priority Tab



The screenshot shows the 'Java DAR Tool' application window. The title bar includes 'File', 'View', 'Create/Edit DAR', and 'Help'. Below the title bar are tabs for 'Organizer', 'Create/Edit DAR', 'Create/Edit Search', and 'Inspect Results'. A toolbar contains icons for a folder, a dollar sign, a bar chart, a red 'X' in a circle, a sun, and a 'Submit DAR' button. The main area has tabs for 'General', 'Spatial', 'Temporal', 'Coverage', 'Geometry', and 'Priority'. The 'Priority' tab is active, showing the following options:

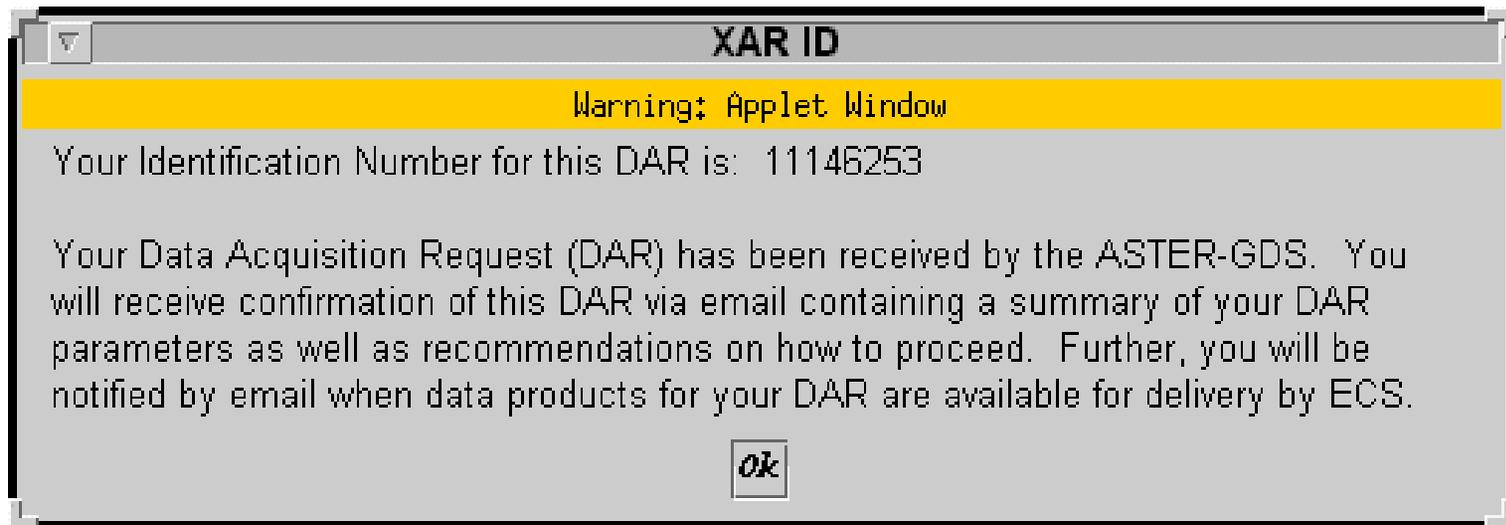
- Ground Campaign: No Yes
- Implementation Urgency: Normal Urgent
- Requestor Comments: [Text Area]
- Request for Expedited Data: No Yes

At the bottom of the main area, there is a note: 'Note: Press button to save values >>> Update DAR >>>'. To the right is a 'DAR Summary' panel with a tree view containing: General - Primary Attributes, General - Telescope Settings, Spatial, Temporal, Coverage, Geometry, and Priority. At the bottom right of the summary panel are 'Reset Attribute' and 'Reset All' buttons. A status bar at the bottom contains a warning message: 'Warning: Applet Window'.

The Priority tab above provides the capability to set parameters that may affect the priority placed on a DAR request. Submitting a 'Request for Expedited Data' requires special ASTER authorizations that must be obtained in advance (this function will be greyed-out if you do not have such authorization). When finished press 'Update DAR >>>' to display the entered parameters in the DAR Summary.

ONLINE HELP

ASTER DAR Tool ID Dialog



Modify a DAR



- **Modification of an existing DAR is limited**
 - From DAR Organizer, the maximum acceptable cloud cover for a selected DAR may be set less restrictive
 - From DAR Organizer, a selected DAR may be suspended or activated by clicking on the desired status in a dialog
- **Modifications are acknowledged by ASTER GDS**

Search/Status a DAR



- **The ASTER DAR Tool permits a user to search for an existing DAR in the XAR database in Japan, using the Create/Edit Search tab**
 - **Search by DAR ID**
 - **Search by attribute**
 - **Specify General, Spatial, Temporal, Geometry, Priority, or other attributes**

ADT Create/Edit Search Tab: Search by XAR ID



Java DAR Tool

File View **Create/Edit Search** Help

Organizer **Create/Edit DAR** Create/Edit Search Inspect Results

Submit Search

Select xAR ID's from

xAR Type	xAR ID	xAR Title
----------	--------	-----------

... or enter xAR ID if known :

Note: Press button to save values >>> **Update Search >>>**

Search Summary

- XARIdList

Delete Clear All

Developers who are interested in displaying instruction-level help for the screen << jdt.client.search.SearchScreen >> must implement the jdt.aux.utilities.IComponentSupport and set the componentID

Warning: Applet Window

ONLINE HELP

ADT Inspect Results



- **Results of a Search may be inspected using the Inspect Results tab**
 - Results returned as a list of titles, DAR IDs, and set of associated parameters
 - User may select one or more DARs from the list and view them in different ways
 - Textually
 - Graphically
 - Area of Interest (AOI) within selected Area of Search (AOS)
 - By search parameters that produced the result
 - User may create a template DAR using the parameters from one of the results to submit a new DAR
 - User may view acquired scenes from a selected result
 - Graphically
 - AOI within AOS

ADT Inspect Results Tab



Java DAR Tool

File View Inspect Results Help

Organizer Create/Edit DAR Create/Edit Search Inspect Results

Primary Attributes

Row	xAR Title	xAR ID	Investigation Class	Scientific Objective	Day/Night	Maximum Cloud Coverage
01	20_TITLE	20	Vicarious radiometric calibrati...	To do science	day or night	<=100%
11	21_TITLE	21	Vicarious radiometric calibrati...	To do science	day or night	<=100%
21	22_TITLE	22	Vicarious radiometric calibrati...	To do science	day or night	<=100%
31	23_TITLE	23	Vicarious radiometric calibrati...	To do science	day or night	<=100%
41	24_TITLE	24	Vicarious radiometric calibrati...	To do science	day or night	<=100%
51	25_TITLE	25	Vicarious radiometric calibrati...	To do science	day or night	<=100%
61	10_TITLE	10	Other atmospheric observation	To do science	day or night	<=100%
71	11_TITLE	11	Vicarious radiometric calibrati...	To do science	day or night	<=100%
81	12_TITLE	12	Vicarious radiometric calibrati...	To do science	day or night	<=100%
91	13_TITLE	13	Vicarious radiometric calibrati...	To do science	day or night	<=100%
101	14_TITLE	14	Vicarious radiometric calibrati...	To do science	day or night	<=100%
111	15_TITLE	15	Vicarious radiometric calibrati...	To do science	day or night	<=100%
121	16_TITLE	16	Vicarious radiometric calibrati...	To do science	day or night	<=100%
131	17_TITLE	17	Vicarious radiometric calibrati...	To do science	day or night	<=100%
141	18_TITLE	18	Vicarious radiometric calibrati...	To do science	day or night	<=100%
151	19_TITLE	19	Vicarious radiometric calibrati...	To do science	day or night	<=100%

Untitled Folder / Search by Attributes Results

Warning: Applet Window

ONLINE HELP

On-Demand Product Requests



- **Users can submit requests through the EOS Data Gateway (EDG) tool**
 - Create/order ASTER high-level products
 - Create/order Digital Elevation Model (DEM) products
 - Create/order non-standard ASTER Level 1B products
- **ECS at EDC is configured to support the requests**
 - **EDG:** provides on-demand options among the data ordering options
 - **PLS:** creates and queues the necessary production requests
 - **DPS:** provides status of high-level processing for the requests
 - **MSS:** provides for tracking On-Demand Requests

EDG: AST_L1B Results Listing



Netscape: EOS Data Gateway: Listing

File Edit View Go Communicator

Back Forward Reload Home Search Netscape Print Security Shop Stop

Location: <http://lyta.gsfc.nasa.gov:80/ims-bin/vatc-tsl/nph-ims.cgi?endform=1&u=724379&id=1039723419%2D615492&mode=GRANLIST&submode=NEV>

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	Granule Information	On-line Access	Image Quicklook	Request Sample	Granule	Local Granule Id	Start Date	Stop Date	Quality Flag Info	Center Point
<input type="checkbox"/>	Attributes Pricing	Access Unavailable	Image Unavailable	Sample Unavailable	SC:AST_L1B.001:78159		04 Jul 1997, 13:01:23	04 Jul 1997, 13:01:23		34.17° Lat, - 118.51° Lon
<input type="checkbox"/>	Attributes Pricing	Access Unavailable	Image Unavailable	Sample Unavailable	SC:AST_L1B.001:78180		04 Jul 1997, 13:01:23	04 Jul 1997, 13:01:23		34.17° Lat, - 118.51° Lon
<input type="checkbox"/>	Attributes Pricing	Access Unavailable	Image Unavailable	Sample Unavailable	SC:AST_L1B.001:76980		04 Jul 1997, 13:01:23	04 Jul 1997, 13:01:23		34.17° Lat, - 118.51° Lon
<input type="checkbox"/>	Attributes Pricing	Access Unavailable	Image Unavailable	Sample Unavailable	SC:AST_L1B.001:76673		04 Jul 1997, 13:01:23	04 Jul 1997, 13:01:23		48.94° Lat, - 55.04° Lon
<input type="checkbox"/>	Attributes Pricing	Access Unavailable	Image Unavailable	Sample Unavailable	SC:AST_L1B.001:76724		04 Jul 1997, 13:01:23	04 Jul 1997, 13:01:23		48.94° Lat, - 55.04° Lon
<input type="checkbox"/>	Attributes Pricing	Access Unavailable	Image Unavailable	Sample Unavailable	SC:AST_L1B.001:78626		04 Jul 1997, 13:01:23	04 Jul 1997, 13:01:23		34.17° Lat, - 118.51° Lon
<input type="checkbox"/>	Attributes Pricing	Access Unavailable	Image Unavailable	Sample Unavailable	SC:AST_L1B.001:78393		04 Jul 1997, 13:01:23	04 Jul 1997, 13:01:23		34.17° Lat, - 118.51° Lon

[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
[Primary Data Search](#)
[Local Granule ID](#)
[Data Granule ID](#)
[Detailed Document](#)
[Summary Document](#)
[AIRS Browse](#)

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

EDG: Data Quality Summary



Netscape: EOS Data Gateway: Data Quality Summary:

File Edit View Go Communicator Help

Back Forward Reload Home Search Netscape Print Security Shop Stop

Location: <http://lyta.gsfc.nasa.gov:80/ims-bin/vatc-tsl/nph-ims.cgi/u724383> What's Related

 **Shopping Cart:**
Data Quality Summary:
[Have a question, a problem, or a comment?*](#) | [Help for this page](#)

ASTER LEVEL 1B DATA SET REGISTERED RADIANCE AT THE SENSOR V001 :
The ASTER L1B Registered Radiance at the Sensor product contains radiometrically calibrated and geometrically co-registered data for all the channels acquired previously through the telemetry streams of the 3 different telescopes in Level-1A. This product is created by applying the radiometric calibration and geometric correction coefficients to the Level-1A data.

Use of this site constitutes an agreement to US Government [security policy](#) and US Government [privacy policy](#). Our [accessibility policy](#) is also available.

Comments, Questions, or Problems? [Email us](#)*
Created by EOS Data Gateway version 3.5b.3
NASA Task Representative: Robin Pfister (Mail Code 423, NASA/GSFC, Greenbelt, MD 20771)

100%

EDG: Shopping Cart, Step 1



Netscape: EOS Data Gateway: Step 1: Choose Ordering Options

File Edit View Go Communicator Help

Back Forward Reload Home Search Netscape Print Security Shop Stop

Bookmarks Location: <http://lyta.gsfc.nasa.gov:80/ims-bin/vato-ts1/nph-ims.cgi/u724665> What's Related



[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

- > [Primary Data Search](#)**
- [Local Granule ID](#)
- [Data Granule ID](#)
- [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 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 permanent account.

[Empty Entire Shopping Cart](#)

Order Options	Subsetting	Granule	Size (MB)	Data Center	Delete
Choose Options	Subsetting available	SC:AST_L1B.001:78159	124.810000	ECS-TEST	<input type="checkbox"/>

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Created by EOS Data Gateway version 3.5b.3
NASA Task Representative: Robin Pfister (Mail Code 423, NASA/GSFC, Greenbelt, MD 20771)

EDG: Choose Ordering Options



Netscape: EOS Data Gateway: Choose Ordering Options

Shopping Cart:
Choose Ordering Options
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No user account is required for this data set.

ASTER LEVEL 1B DATA SET REGISTERED RADIANCE AT THE SENSOR V001

Data Granule ID: SC:AST_L1B.001:78159
Geographic Center: 34.17° Lat, - 118.51° Lon
Geographic Coordinates:
34.91° Lat, - 118.85° Lon
34.39° Lat, - 118.05° Lon
33.84° Lat, - 118.17° Lon
33.95° Lat, - 118.97° Lon

The ordering options are:

Option 1	Media Types : 8MM, CDROM, D3, DLT, DVD, FtpPull
Option 2	AST13POL Higher Order Product Media Types : FtpPull
Option 3	AST_04 Higher Order Product Media Types : FtpPull
Option 4	AST_05 Higher Order Product Media Types : FtpPull
Option 5	AST_05andAST_08 Higher Order Product Media Types : FtpPull
Option 6	AST_06SD Higher Order Product Media Types : FtpPull
Option 7	AST_06TD Higher Order Product Media Types : FtpPull
Option 8	AST_06VD Higher Order Product Media Types : FtpPull
Option 9	AST_07 Higher Order Product Media Types : FtpPull
Option 10	AST_07andAST_09 Higher Order Product Media Types : FtpPull
Option 11	AST_08 Higher Order Product Media Types : FtpPull
Option 12	AST_09 Higher Order Product Media Types : FtpPull
Option 13	AST_09T Higher Order Product Media Types : FtpPull
Option 14	Media Types : FtpPush
Option 15	AST13POL Higher Order Product Media Types : FtpPush
Option 16	AST_04 Higher Order Product Media Types : FtpPush
Option 17	AST_05 Higher Order Product Media Types : FtpPush
Option 18	AST_05andAST_08 Higher Order Product Media Types : FtpPush
Option 19	AST_06SD Higher Order Product Media Types : FtpPush
Option 20	AST_06TD Higher Order Product Media Types : FtpPush
Option 21	AST_06VD Higher Order Product Media Types : FtpPush
Option 22	AST_07 Higher Order Product Media Types : FtpPush
Option 23	AST_07andAST_09 Higher Order Product Media Types : FtpPush
Option 24	AST_08 Higher Order Product Media Types : FtpPush
Option 25	AST_09 Higher Order Product Media Types : FtpPush
Option 26	AST_09T Higher Order Product Media Types : FtpPush

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NASA Task Representative: Robin Pfister (Mail Code 423, NASA/GSFC, Greenbelt, MD 20771)

Netscape: EOS Data Gateway: Choose Ordering Options

Shopping Cart:
Choose Ordering Options
[Have a question, a problem, or a comment? | Help for this page](#)

No user account is required for this data set.

ASTER LEVEL 1A DATA SET - RECONSTRUCTED, UNPROCESSED INSTRUMENT DATA V001

Data Granule ID: SC:AST_L1A.001:61365
Geographic Center: 44.74° Lat, - 53.44° Lon
Geographic Coordinates:
44.52° Lat, - 52.96° Lon
44.41° Lat, - 53.73° Lon
44.96° Lat, - 53.93° Lon
45.07° Lat, - 53.16° Lon

The ordering options are:

Option 1	Media Types : 8MM, CDROM, D3, DLT, DVD, FtpPull
Option 2	AST14DEM Higher Order Product Coordinate Type : Latitude/Longitude Media Types : FtpPull
Option 3	AST14DEM Higher Order Product Media Types : FtpPull
Option 4	AST14DEM Higher Order Product Coordinate Type : UTM Media Types : FtpPull
Option 5	AST_L1B Higher Order Product Media Types : FtpPull
Option 6	Media Types : FtpPush
Option 7	AST14DEM Higher Order Product Coordinate Type : Latitude/Longitude Media Types : FtpPush
Option 8	AST14DEM Higher Order Product Media Types : FtpPush
Option 9	AST14DEM Higher Order Product Coordinate Type : UTM Media Types : FtpPush
Option 10	AST_L1B Higher Order Product Media Types : FtpPush

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EDG: Media Selection



Shopping Cart: Choose Ordering Options

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ASTER LEVEL 1B DATA SET REGISTERED RADIANCE AT THE SENSOR V001

Data Granule ID: SC-AST_L1B.001:78935
 Geographic Center: 34.17° Lat., - 110.51° Lon
 Geographic Coordinates:
 34.51° Lat., - 118.85° Lon
 34.39° Lat., - 110.05° Lon
 33.86° Lat., - 110.17° Lon
 33.55° Lat., - 118.97° Lon
 No user account is required for this data set.

Ordering Option 3: (Contains just this data granule.)
AST_04 Higher Order Product Media Types : FtpPull

Additional Info:

Select One	Data Format	Media type	Media format	Package Size	Cost (US\$)
<input type="checkbox"/> Copies: [1]	Native Granule	FtpPull	FILEFORMAT	Unknown	\$0.00
<input type="checkbox"/> Copies: [1]	Ancillary Data	FtpPull	FILEFORMAT	Unknown	\$0.00
<input type="checkbox"/> Copies: [1]	Production History	FtpPull	FILEFORMAT	Unknown	\$0.00

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)

Location: Flang
 Granule_size: 124.810000
 Product Name: AST_04

I want these ordering options for every data granule that applies in data set **ASTER LEVEL 1B DATA SET REGISTERED RADIANCE AT THE SENSOR V001** in the shopping cart.
 I want these ordering options only for data granule **SC-AST_L1B.001:78935**.

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

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Shopping Cart: Choose Ordering Options

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

ASTER LEVEL 1A DATA SET - RECONSTRUCTED, UNPROCESSED INSTRUMENT DATA V001

Data Granule ID: SC-AST_L1A.001:61365
 Geographic Center: 44.74° Lat., - 53.44° Lon
 Geographic Coordinates:
 44.52° Lat., - 52.98° Lon
 44.41° Lat., - 53.73° Lon
 44.58° Lat., - 53.53° Lon
 45.07° Lat., - 53.18° Lon
 No user account is required for this data set.

Ordering Option 10: (Contains just this data granule.)
AST_L1B Higher Order Product Media Types : FtpPush

Additional Info:

Select One	Data Format	Media type	Media format	Package Size	Cost (US\$)
<input type="checkbox"/> Copies: [1]	Native Granule	FtpPush	FILEFORMAT	Unknown	\$0.00
<input type="checkbox"/> Copies: [1]	Ancillary Data	FtpPush	FILEFORMAT	Unknown	\$0.00
<input type="checkbox"/> Copies: [1]	Production History	FtpPush	FILEFORMAT	Unknown	\$0.00

Mandatory: If you selected any of the items in ordering options 10 (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 10)

FTPHOST: (required)
 Host Name: Directions: Enter a string of up to 64 characters.

FTPPASSWORD: (required)
 User Password: Directions: Enter a string of up to 20 characters.

FTPPUSHDEST: (required)
 Destination Directory: Directions: Enter a string of up to 256 characters.

FTPUSER: (required)
 User Name: Directions: Enter a string of up to 20 characters.

USERSTRING: (required)
 Fill in label here. Directions: Enter a string of up to 240 characters.

Mandatory: If you selected any of the items in ordering options 10 (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 10)

Location: Flang
 Granule_size: 113.550000

Map Projection: (required)
 Directions: Select a single value. Universal Transverse Mercator

Product Name: AST_L1B

Resampling Scheme: (required)
 Directions: Select a single value. Cubic Convolution

I want these ordering options for every data granule that applies in data set **ASTER LEVEL 1A DATA SET - RECONSTRUCTED, UNPROCESSED INSTRUMENT DATA V001** in the shopping cart.
 I want these ordering options only for data granule **SC-AST_L1A.001:61365**.

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

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EDG: Shopping Cart, Step 2

A screenshot of a Netscape browser window titled "Netscape: EOS Data Gateway: Step 1: Choose Ordering Options". The address bar shows the URL: http://lyta.gsfc.nasa.gov:80/ims-bin/vatc-ts1/nph-ims.cgi/u802638. The page content includes a NASA logo, a "Shopping Cart: Step 1: Choose Ordering Options" heading, and a "1 item in your shopping cart, 1 item is ready to be ordered." message. A table lists the cart item with columns for Order Options, Subsetting, Granule, Size (MB), Data Center, and a Delete button. The table contains one row with the following data: FtpPull Change, Subsetting available, SC:AST_L1B.001:78935, 124.810000, ECS-TEST, and an unchecked checkbox. The page also includes a "Go to Step 2: Order Form" button and various navigation links in the left sidebar.

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 permanent account.

Go to Step 2: Order Form

[Empty Entire Shopping Cart](#)

Order Options	Subsetting	Granule	Size (MB)	Data Center	Delete
FtpPull Change	Subsetting available	SC:AST_L1B.001:78935	124.810000	ECS-TEST	<input type="checkbox"/>

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

Search types
> Primary Data Search
[Local Granule ID](#)
[Data Granule ID](#)
[Detailed Document](#)
[Summary Document](#)
[AIRS Browse](#)

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

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