

Intro

Welcome to the LP DAAC Data Pool.

This video will show two examples of how to access data, one using the data pool direct search method, and the other by simple FTP download.

ASTER

In our direct search example, we will identify ASTER scenes for an area of interest, select the best scene from what's available, convert that scene to GeoTIFF format, and then download the scene.

Starting from the LP DAAC home page, click "get data" on the navigation bar.

On the get data page, find LP DAAC data pool and click on the more information link. This will bring you to the data pool access page.

On the right side of this page, click the ASTER direct search button.

You will see a table that lists four data groups. Click the ASTER data group.

Now click the ASTER L1B link on the data set table to begin your search.

The search page shows that there are over 200,000 ASTER scenes available to you.

Now, narrow your search by using the map display to select an area of interest. For example, zoom into and draw a bounding box around the Washington DC area. Then click add selection to search.

The search page now shows that there are about 500 ASTER scenes available for your area of interest.

Now, narrow your search again by selecting a date range of interest. In this case, we'll use June 2010 as our start date and September 2010 as our end date, then click add it to your search criteria.

The results page now shows that six scenes are available for the area and date range of interest. Each of the scenes appears in a sortable table.

Now, click the cloud percent column header to sort the scenes by estimated cloud cover from lowest to highest.

Click the browse icon to open a browse viewer. By clicking next or last in the browse viewer, you can determine the best cloud free ASTER image from the list. In this case, we find that the August 27, 2010 ASTER scene is the best choice.

Close the browse viewer and click the add to cart icon for the desired scene. A red check mark indicates that the scene was added to your shopping cart.

Now under the scene list, click on the view shopping cart link. Here in the shopping cart, you can change the file format from HDF to GeoTIFF. Now click the select media button.

Under media options, choose Download and click OK.

To finalize your order, fill out the form and click to confirm your order. If everything looks good on the confirmation page, click, please submit your order.

Once your order has been processed, you will receive an email notification with the link to your data for download.

Detailed information about the LP DAAC data pool is available in the “get data” section of our website. Detailed information about ASTER products is available from the “products” section of our web site. If you have further questions about these products and services, don’t hesitate to contact a customer service representative.

MODIS

You can download any MODIS product from the data pool via FTP. In this example, we will use MOD13C2, the Vegetation Indices Monthly Level 3 Global Climate Modeling Grid. We will locate the MOD13C2 section of the data pool, find a date of interest, then, simply download the product in its native HDF format.

Starting from the LP DAAC home page, click “get data” on the navigation bar.

On the get data page, find LP DAAC data pool and click on the more information link. This will bring you to the data pool access page.

Since MOD13C2 is a MODIS Terra product, click the “MODIS Terra” button under “download via FTP”.

Now you will see a set of data pool directories that correspond to each of the MODIS Terra products. The last part of the directory name corresponds to the version of a given product, with higher numbers indicating more recent versions.

Locate MOD13C2 version 5 and click the link to navigate into this directory. You will see a set of data pool directories that correspond to each month the product was generated. Scroll down and select a recent month, for example June of 2010.

Here you will find four files. The jpeg files are browse images, the HDF file is the MOD13C2 data product, and the xml file is metadata associated with the data product.

To download this data product, right-click on the HDF file and save it to your local file system.

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