

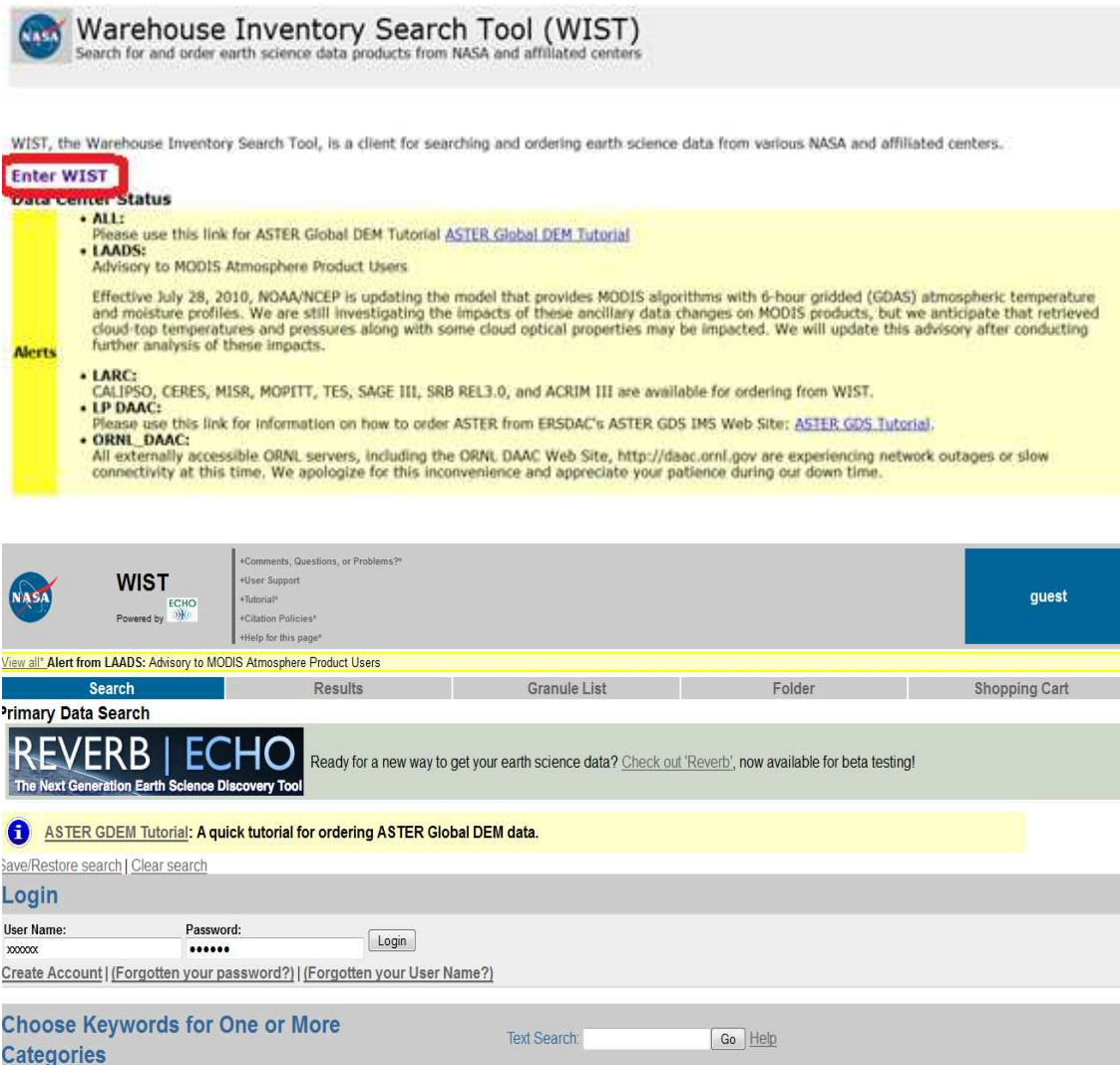
## DESCARGA DE DATOS MODIS DE NIVEL 2, POR MEDIO DE LA HERRAMIENTA DE BÚSQUEDA "WIST" (WAREHOUSE INVENTORY SEARCH TOOL)

WIST, al igual que LAADS, es una herramienta que facilita la búsqueda y descarga de múltiples imágenes provistas por diferentes sensores remotos. En este documento, se explicaran los pasos básicos para la generación de un pedido de descargas del producto MOD09GA, del sensor MODIS/Terra.

El acceso a esta herramienta se realiza mediante el siguiente link

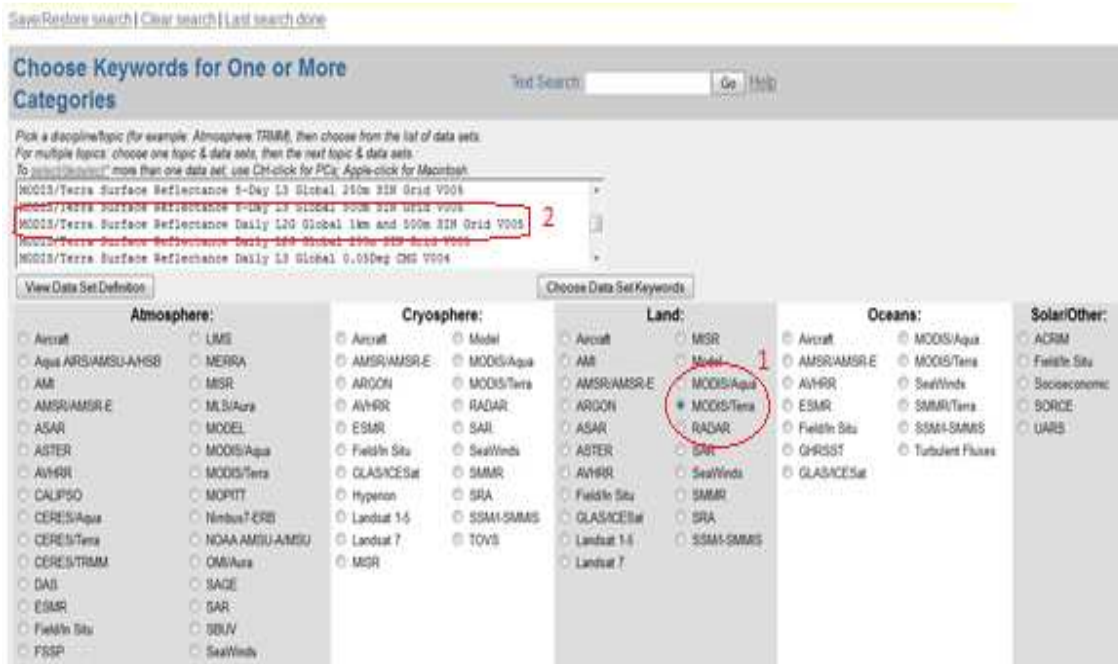
<https://wist.echo.nasa.gov/~wist/api/imswelcome/>

Ahí encontraremos la página de acceso al servidor, que solicitará un nombre de usuario y contraseña válidos para permitir el acceso a la búsqueda. En caso de no estar registrados, se deberá crear una cuenta.



The screenshot shows the WIST (Warehouse Inventory Search Tool) website interface. At the top, there is a NASA logo and the title "Warehouse Inventory Search Tool (WIST)" with the subtitle "Search for and order earth science data products from NASA and affiliated centers". Below this, a yellow box contains "Enter WIST" and "Data Center Status" information, including links for "ASTER Global DEM Tutorial" and "ASTER GDS IMS Web Site". A "Alerts" section mentions updates from NOAA/NCEP and ORNL DAAC. The footer includes a NASA logo, "WIST Powered by ECHO", and a "guest" button. A navigation bar contains "Search", "Results", "Granule List", "Folder", and "Shopping Cart". A "Primary Data Search" section features a "REVERB | ECHO" banner with the text "Ready for a new way to get your earth science data? Check out 'Reverb', now available for beta testing!". Below this is an "ASTER GDEM Tutorial" alert, a "Login" form with fields for "User Name" and "Password", and a "Text Search" field with "Go" and "Help" buttons.

Después de acceder a la plataforma de búsqueda, se selecciona el producto de interés, de acuerdo a las necesidades. Para este tutorial, se trabajará con la superficie terrestre, por lo cual en **Land**, se selecciona MODIS/Terra (1), que proporciona los productos de dicho sensor, posteriormente se selecciona la opción que se ve a continuación (2), la cual contiene las 7 primeras bandas del sensor, con resoluciones espaciales de 500m y 1Km.




The screenshot shows the WIST search interface. At the top, there is a search bar with the text "Text Search" and a "Go" button. Below the search bar, the heading "Choose Keywords for One or More Categories" is displayed. Underneath, there is a list of categories: Atmosphere, Cryosphere, Land, Oceans, and Solar/Other. The "Land" category is selected, and the "MODIS/Terra" option is highlighted with a red circle (1). The "MODIS/Terra Surface Reflectance Daily L2G Global 1km and 500m SIN Grid V004" option is highlighted with a red box (2).

La plataforma ofrece opciones para activar o desactivar las capas que se necesiten, esto con el fin de ubicar la selección espacialmente en el área definida por las coordenadas de interés, además de manejar un zoom que se ajuste al tamaño de la ventana que se defina. La hora y fecha de inicio y finalización, determinará el rango de tiempo en el que se realizará la búsqueda de los productos.

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

### Choose Search Area

Click & hold, then drag on the map to select a search region - or - Enter four corners in clockwise order.



**ACTIVAR O DESACTIVAR CAPAS (OPCIONAL)**

- Places
- Roads
- Rail
- Rivers
- Political

**Zoom**  
1.4x (Single click on map to pan)

**DEFINIR COORDENADAS DE LA IMAGEN**

Use WGS 84, UTM, or UTM 32S EPSG format. Click on "Update Lat/Lon Corners on Map" if you type in coordinates.

4.0000	* Lat	4.0000
-78.0000	* Lon	-78.0000
center		
3.0000	* Lat	3.0000
-78.0000	* Lon	-78.0000

Update Lat/Lon Corners on Map

Global Search | Stereographic N-pole | Type in Lat/Lon Point  
 Equatorial | Stereographic S-pole | X/Y Coordinate Range  
 Orthographic | Global granules only | Orbit Search

### Choose a Date/Time Range (not required)

Date format: YYYY-MM-DD (1967-01-25) 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 or a start date without an end date. Use the help link for information on default values.

**Start Date:** 2008-07-01 **Time (UTC):** 00:00:01  
**End Date:** 2008-09-30 **Time (UTC):** 23:59:58

**3 DEFINIR RANGO DE FECHA**

Standard Date Range | Julian Date Range | Annually Repeating

### Choose Additional Options (not required)

- Return a maximum of 100 data granules per data set (Range: 0 - 2000)
- Only return data granules which have browse products
- Only display collections 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** 4

Una vez se complete la búsqueda, se eligen las imágenes requeridas, en este caso se seleccionaron todas las imágenes, luego se escoge la opción “Add selections to cart”.

It is recommended that users do not use the back button in their browser to navigate WIST, but to use the navigation links and buttons.

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

Customize this table | Test-only version

Select	Data Granule ID (Local Granule ID)	Granule Information	On-line Access	Image Quicklook	Special Processing Links	Data Center	Start Date	Stop Date	Center Pt
<input checked="" type="checkbox"/>	SC-MOD09GA.005:2063295341 (MOD09GA.A2008183.h10v08.005.2008185124422 hdf)	Attributes	Data* Metadata*	Browse	Documents page for LP DAAC MODIS Products	LPDAAC_ECS	01 Jul 2008, 15:40:00.000	01 Jul 2008, 15:45:00.000	4.9990° L
<input checked="" type="checkbox"/>	SC-MOD09GA.005:2063321768 (MOD09GA.A2008184.h10v08.005.2008186223955 hdf)	Attributes	Data* Metadata*	Browse	Documents page for LP DAAC MODIS Products	LPDAAC_ECS	02 Jul 2008, 14:45:00.000	02 Jul 2008, 16:30:00.000	4.9990° L
<input checked="" type="checkbox"/>	SC-MOD09GA.005:2063343994 (MOD09GA.A2008185.h10v08.005.2008187180913 hdf)	Attributes	Data* Metadata*	Browse	Documents page for LP DAAC MODIS Products	LPDAAC_ECS	03 Jul 2008, 15:25:00.000	03 Jul 2008, 15:35:00.000	4.9990° L
<input checked="" type="checkbox"/>	SC-MOD09GA.005:2063362858 (MOD09GA.A2008186.h10v08.005.2008188144750 hdf)	Attributes	Data* Metadata*	Browse	Documents page for LP DAAC MODIS Products	LPDAAC_ECS	04 Jul 2008, 14:30:00.000	04 Jul 2008, 16:15:00.000	4.9990° L
<input checked="" type="checkbox"/>	SC-MOD09GA.005:2063404066 (MOD09GA.A2008187.h10v08.005.2008190004342 hdf)	Attributes	Data* Metadata*	Browse	Documents page for LP DAAC MODIS Products	LPDAAC_ECS	05 Jul 2008, 15:15:00.000	05 Jul 2008, 15:20:00.000	4.9990° L
<input checked="" type="checkbox"/>	SC-MOD09GA.005:2063423068 (MOD09GA.A2008188.h10v08.005.200819200000000 hdf)	Attributes	Data* Metadata*	Browse	Documents page for LP DAAC MODIS Products	LPDAAC_ECS	06 Jul 2008, 14:45:00.000	06 Jul 2008, 16:00:00.000	4.9990° L

You are currently viewing items 1 through 12 out of 91 total.

1-12 | (1-12) | (1-25) | (1-45) | (1-65) | (1-85) | (1-91)

Para definir las opciones para la generación de la orden, se selecciona en una de las imágenes **Choose Options**, la que direcciona la búsqueda a una siguiente página que permite guardar los cambios para las demás imágenes o en futuras descargas de este tipo.

It is recommended that users do not use the back button in their browser to navigate WIST, but to use the navigation links and buttons.

[Check the status of existing orders.](#)

91 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.

[Empty Entire Shopping Cart](#)

Order Options	Data Granule ID (Local Granule ID)	Size (MB)	Start Date	Stop Date	Delete
<a href="#">Choose Options</a>	SC:MOD09GA.005:2063295341 (MOD09GA.A2008183.h10.v08.005.2008185124422.hdf)	73.264723	01 Jul 2008, 15:40:00.000	01 Jul 2008, 15:45:00.000	<input type="checkbox"/>
<a href="#">Choose Options</a>	SC:MOD09GA.005:2063321758 (MOD09GA.A2008184.h10.v08.005.2008186223955.hdf)	36.591646	02 Jul 2008, 14:45:00.000	02 Jul 2008, 16:30:00.000	<input type="checkbox"/>
<a href="#">Choose Options</a>	SC:MOD09GA.005:2063343994 (MOD09GA.A2008185.h10.v08.005.2008187180913.hdf)	75.181456	03 Jul 2008, 15:25:00.000	03 Jul 2008, 15:35:00.000	<input type="checkbox"/>
<a href="#">Choose Options</a>	SC:MOD09GA.005:2063362858 (MOD09GA.A2008186.h10.v08.005.2008188144750.hdf)	39.036246	04 Jul 2008, 14:30:00.000	04 Jul 2008, 16:15:00.000	<input type="checkbox"/>
<a href="#">Choose Options</a>	SC:MOD09GA.005:2063404066 (MOD09GA.A2008187.h10.v08.005.2008190004342.hdf)	69.757755	05 Jul 2008, 15:15:00.000	05 Jul 2008, 15:20:00.000	<input type="checkbox"/>
<a href="#">Choose Options</a>	SC:MOD09GA.005:2063423068 (MOD09GA.A2008188.h10.v08.005.2008190142507.hdf)	57.863027	06 Jul 2008, 15:55:00.000	06 Jul 2008, 16:05:00.000	<input type="checkbox"/>
<a href="#">Choose Options</a>	SC:MOD09GA.005:2063452303 (MOD09GA.A2008189.h10.v08.005.2008191131509.hdf)	54.397999	07 Jul 2008, 15:00:00.000	07 Jul 2008, 16:45:00.000	<input type="checkbox"/>
<a href="#">Choose Options</a>	SC:MOD09GA.005:2063475996 (MOD09GA.A2008190.h10.v08.005.2008192131209.hdf)	69.943867	08 Jul 2008, 15:45:00.000	08 Jul 2008, 15:55:00.000	<input type="checkbox"/>
<a href="#">Choose Options</a>	SC:MOD09GA.005:2063508965 (MOD09GA.A2008191.h10.v08.005.2008193130208.hdf)	38.761534	09 Jul 2008, 14:50:00.000	09 Jul 2008, 16:35:00.000	<input type="checkbox"/>
	SC:MOD09GA.005:2063554434				

Choose Ordering Options



Ready for a new way to get your earth science data? [Check out Reverb!](#), now available for beta testing!

SC:MOD09GA.005:2063295341

Delivery Option

Distribution Options

Media Type:   
 Ftp Pull Media Format:

\* Apply these order options (if applicable) to all granules currently in my shopping cart for data set

MODIS/Terra Surface Reflectance Daily L2G Global 1km and 500m SIN Grid V005

Save these order options as my order preference & apply them (if applicable) to all granules currently in my shopping cart for data set. MODIS/Terra Surface Reflectance Daily L2G Global 1km and 500m SIN Grid V005

Apply these order options to just this item.

Also, please read the [NASA Privacy Security Notices](#), the [WIST accessibility policy](#), and the [WIST citation policy](#).

Comments, Questions, or Problems? [Email us!](#)  
 Created by WIST version WIST:034 GA2.2

Se creará una orden para la descarga de los datos seleccionados, luego, se selecciona la opción **"Goto Step 2: OrderForm"**, la cual traslada la solicitud a una ventana que contiene los datos personales consignados al momento del registro de nuestra cuenta, una vez realizados los cambios necesarios (opcional), se realiza la solicitud del pedido, por medio del botón **"Submit Order Now!"**.



DESCARGA DE DATOS MODIS DE NIVEL 2, POR MEDIO DE LA HERRAMIENTA DE BÚSQUEDA "WIST"



91 items in your shopping cart, 91 items ready to be ordered.

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

[Empty Entire Shopping Cart](#)

Order Options	Data Granule ID (Local Granule ID)	Size (MB)	Start Date	Stop Date	Delete
Delivery Option <a href="#">Change</a>	SC:MOD09GA.005:2063295341 (MOD09GA.A2008183.h10v08.005.2008185124422.hdf)	73.264723	01 Jul 2008, 15:40:00.000	01 Jul 2008, 15:45:00.000	<input type="checkbox"/>
Delivery Option <a href="#">Change</a>	SC:MOD09GA.005:2063321758 (MOD09GA.A2008184.h10v08.005.2008186223955.hdf)	36.591646	02 Jul 2008, 14:45:00.000	02 Jul 2008, 16:30:00.000	<input type="checkbox"/>
Delivery Option <a href="#">Change</a>	SC:MOD09GA.005:2063343994 (MOD09GA.A2008185.h10v08.005.2008187180913.hdf)	75.181456	03 Jul 2008, 15:25:00.000	03 Jul 2008, 15:35:00.000	<input type="checkbox"/>
Delivery Option <a href="#">Change</a>	SC:MOD09GA.005:2063362858 (MOD09GA.A2008186.h10v08.005.2008188144750.hdf)	39.036246	04 Jul 2008, 14:30:00.000	04 Jul 2008, 16:15:00.000	<input type="checkbox"/>
Delivery Option <a href="#">Change</a>	SC:MOD09GA.005:2063404066 (MOD09GA.A2008187.h10v08.005.2008190004342.hdf)	69.757755	05 Jul 2008, 15:15:00.000	05 Jul 2008, 15:20:00.000	<input type="checkbox"/>
Delivery Option <a href="#">Change</a>	SC:MOD09GA.005:2063423068 (MOD09GA.A2008188.h10v08.005.2008190142507.hdf)	57.863027	06 Jul 2008, 15:55:00.000	06 Jul 2008, 16:05:00.000	<input type="checkbox"/>
Delivery Option <a href="#">Change</a>	SC:MOD09GA.005:2063452303 (MOD09GA.A2008189.h10v08.005.2008191131509.hdf)	54.397999	07 Jul 2008, 15:00:00.000	07 Jul 2008, 16:45:00.000	<input type="checkbox"/>
Delivery Option <a href="#">Change</a>	SC:MOD09GA.005:2063475996 (MOD09GA.A2008190.h10v08.005.2008192131209.hdf)	69.943867	08 Jul 2008, 15:45:00.000	08 Jul 2008, 15:55:00.000	<input type="checkbox"/>
Delivery Option <a href="#">Change</a>	SC:MOD09GA.005:2063508965 (MOD09GA.A2008191.h10v08.005.2008193130208.hdf)	38.761534	09 Jul 2008, 14:50:00.000	09 Jul 2008, 16:35:00.000	<input type="checkbox"/>
Delivery Option <a href="#">Change</a>	SC:MOD09GA.005:2063551424 (MOD09GA.A2008192.h10v08.005.2008194135219.hdf)	74.317289	10 Jul 2008, 15:35:00.000	10 Jul 2008, 15:40:00.000	<input type="checkbox"/>

You are currently viewing items 1 through 10 out of 91 total.

[1 - 10](#)
[11 - 20](#)
[21 - 30](#)
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[41 - 50](#)
[51 - 60](#)
[61 - 70](#)
[71 - 80](#)
[81 - 90](#)
[91 - 91](#)

It is recommended that users do not use the back button in their browser to navigate WST, but to use the navigation links and buttons.

Please fill out the **contact, shipping, and billing information** on the form below, then click on the **Go to Step 3: Review Order Summary Before Submitting Order** button at the bottom of the page. You can then review your order, and place it if you are satisfied.

**Your Contact Address:**

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

Organization:  Internet E-Mail Address: (required)   
 Universidad del Valle @hotmail.com

Street Address: (required)

City: (required)   
 CA9

Select USA State (USA only):  Or Enter State/Province:   
 -- None --  
 ALABAMA  
 ALASKA  
 ARIZONA  
 ARIZONA  
 ARIZONA  
 To enter a state/province, select None from the selection menu and enter state/province above.

Zip/Postal Code (required for USA)

Select Country: (required)  Or Enter Country:   
 -- None --  
 United States  
 Afghanistan  
 Åland Islands  
 To enter a country, select None from the selection menu and enter country above.

Telephone: (required)  Fax:   
 24394410

Shipping Address: Same as contact address (above)

Billing Address: Same as contact address (above)

[Change Shipping/Billing Address](#)

Affiliation: (required)  Category: (required)   
 University  INTERNATIONAL

Notification Level: What is this?  CRITICAL

[Go to Step 3: Review Order Summary Before Submitting Order](#)

**OR**  
[Submit Order Now](#)

Save user preferences to a file...

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

Por último, se puede observar la ventana de confirmación y dos correos que indicarán una transacción exitosa. Dos links de descarga del pedido estarán contenidos en el segundo correo, la diferencia de ellos es que el segundo enlace contiene los archivos comprimidos, lo cual reducirá espacio en el disco y tiempos de descarga.

Shopping Cart: Order Submitted



It is recommended that users do not use the back button in their browser to navigate WIST, but to use the navigation links and buttons.

**four order has been submitted, and a copy of the summary has been emailed to the account e\_ansol@hotmail.com**

The following is a summary of the order you just submitted:

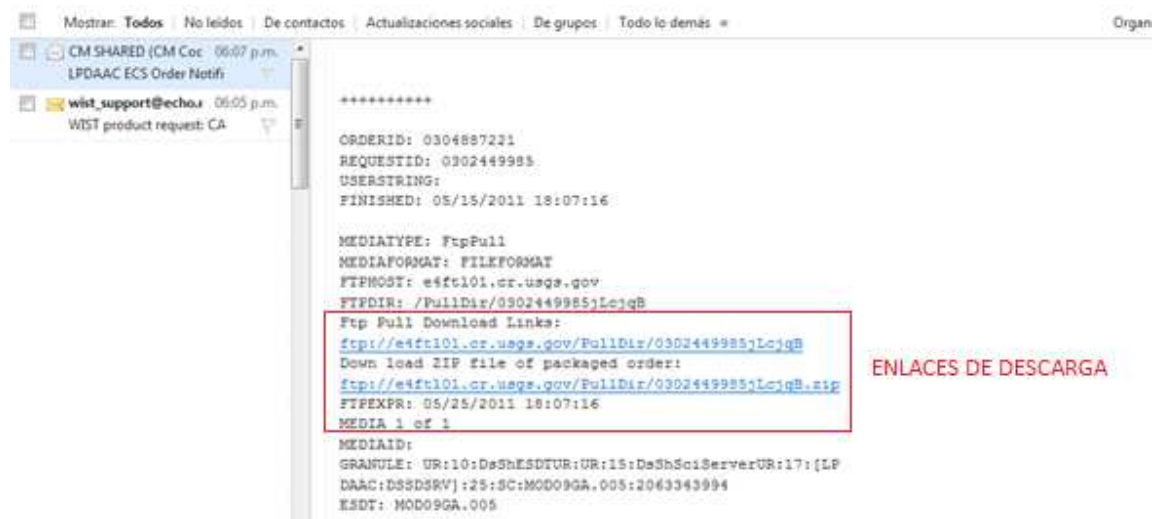
four order is currently being sent to the appropriate data providers(s) for processing.

Provider ID: LPDAAC\_ECS  
Provider Order ID: CA23D05E-FC67-1E9A-8950-1CD83F54388B

Provider ID: LPDAAC\_ECS  
ECHO Catalog ID: G184105443-LPDAAC\_ECS

Quantity: 1  
Data Granule ID: SC:MOD09GA.005:2063295341  
Local Granule ID: MOD09GA.A2008183.h10v08.005.2008185124422.hdf  
Provider ID: LPDAAC\_ECS  
ECHO Catalog ID: G184119397-LPDAAC\_ECS

Quantity: 1  
Data Granule ID: SC:MOD09GA.005:2063321758  
Local Granule ID: MOD09GA.A2008184.h10v08.005.2008186223955.hdf  
Provider ID: LPDAAC\_ECS  
ECHO Catalog ID: G184131118-LPDAAC\_ECS



\*\*\*\*\*

ORDERID: 0304887231  
REQUESTID: 0302449985  
USERSTRING:  
FINISHED: 05/15/2011 18:07:16

MEDIATYPE: FtpPull  
MEDIAFORMAT: FILEFORMAT  
FTPMOST: eifft101.cr.usgs.gov  
FTFDIR: /PullDir/0302449985/LcjqB

Ftp Pull Download Links:  
<ftp://eifft101.cr.usgs.gov/PullDir/0302449985/LcjqB>  
Download ZIP file of packaged order:  
<ftp://eifft101.cr.usgs.gov/PullDir/0302449985/LcjqB.zip>

FTPEXPR: 05/25/2011 18:07:16  
MEDIA 1 of 1

MEDIAID:  
GRANULE: UR:10:DeShESDTUR:UR:15:DeShSciServerUR:17:[LP  
DAAC:DSSDSRV]:25:SC:MOD09GA.005:2063343994  
ESDT: MOD09GA.005

ENLACES DE DESCARGA



## INFORMACION

Correo giper

[e\\_ansol@hotmail.com](mailto:e_ansol@hotmail.com)

[francisco.hernandez@correounivalle.edu.co](mailto:francisco.hernandez@correounivalle.edu.co)

## FUENTES

**Savtchenko, A., Ouzounov, S.A., Acker, J., et al.** (2004). Terra and Aqua MODIS products available from NASA GES DAAC. *Advances In Space Research*. 34, 710-714.

<https://wist.echo.nasa.gov/~wist/api/imswelcome/>