

DAAC 15-Orbit Rollout

NASA Goddard Earth Sciences Data and Information Services
Center (GES DISC)

Until the data are matured to Version 1.0, the data will be accessible via “hidden directories”. This means that the data are only accessible to those who have the URL, and will not be advertised to users on our GES DISC website. This is what it will look like:



disc2.gesdisc.eosdis.nasa.gov

By accessing and using this information system, you acknowledge and consent to the following: You are accessing a U.S. Government information system, which includes: (1) this computer; (2) this computer network; (3) all computers connected to this network including end user systems; (4) all devices and storage media attached to this network or to any computer on this network; and (5) cloud and remote information services. This information system is provided for U.S. Government-authorized use only. You have no reasonable expectation of privacy regarding any communication transmitted through or data stored on this information system. At any time, and for any lawful purpose, the U.S. Government may monitor, intercept, search, and seize any communication or data transiting, stored on, or traveling to or from this information system. You are NOT authorized to process classified information on this information system. Unauthorized or improper use of this system may result in suspension or loss of access privileges, disciplinary action, and civil and/or criminal penalties.

Access to GES DISC data requires all users to be registered with the Earthdata Login system. Data continue to be free of charge and accessible via HTTPS. Access to data via anonymous FTP is no longer available. Detailed instructions on how to register and receive authorization to access GES DISC data are provided [here](#).

GES DISC Users who deploy scripting methods to list and download data in bulk via anonymous FTP are advised to review the [How to Download Data Files from HTTPS Service with wget](#) recipe that provides examples of GNU wget commands for listing and downloading data via HTTPS.

Once registered, you can [click here](#) to authorize 'NASA GESDISC DATA ARCHIVE' application.

Name	Last modified	Size
Parent Directory		-
TROPICS_L0/	2021-09-13 19:59	-
TROPICS_L1A/	2021-09-13 19:59	-
TROPICS_L1B/	2021-09-13 19:59	-
TROPICS_L2A/	2021-09-13 19:59	-
TROPICS_L2B/	2021-09-13 19:59	-

[NASA Web Privacy Policy and Important Notices](#)

If you feel you reached this page by error, feel free to contact the GES DISC Help Desk by [clicking this link](#)

As the user, you will be able to drill down to the specific data product and dates of interest, with the ability to click and download.



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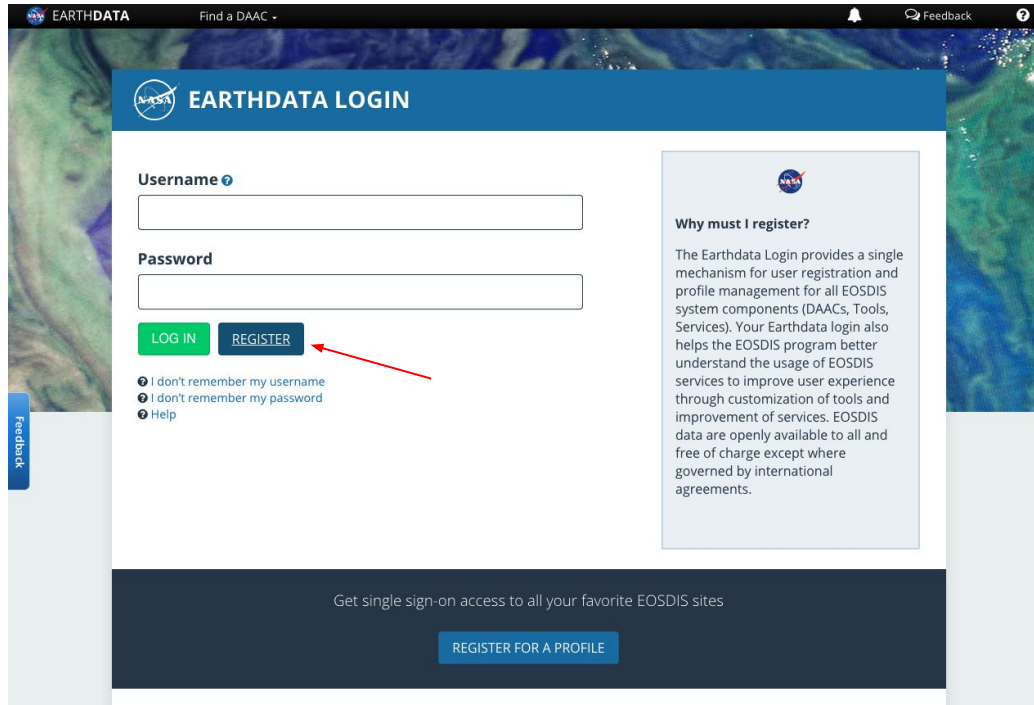
Name	Last modified	Size
Parent Directory		-
TROPICS01_ANTTL1A.Orbit00579.V02-06.ST20210807-213819.ET20210807-231336.CT20210910-170435.jpg	2021-09-15 15:58	106K
TROPICS01_ANTTL1A.Orbit00579.V02-06.ST20210807-213819.ET20210807-231336.CT20210910-170435.nc	2021-09-15 15:58	64M
TROPICS01_ANTTL1A.Orbit00579.V02-06.ST20210807-213819.ET20210807-231336.CT20210910-170435.nc.xml	2021-09-15 15:58	2.0K
TROPICS01_ANTTL1A.Orbit00580.V02-06.ST20210807-231336.ET20210808-004853.CT20210910-170432.jpg	2021-09-15 15:58	109K
TROPICS01_ANTTL1A.Orbit00580.V02-06.ST20210807-231336.ET20210808-004853.CT20210910-170432.nc	2021-09-15 15:58	64M
TROPICS01_ANTTL1A.Orbit00580.V02-06.ST20210807-231336.ET20210808-004853.CT20210910-170432.nc.xml	2021-09-15 15:58	2.0K

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Although the data are free to access, NASA requires all users to set up an account, called an Earthdata Login.


From <https://urs.earthdata.nasa.gov/home>:



The screenshot displays the Earthdata Login interface. At the top, there is a navigation bar with the EarthData logo, a search bar for DAACs, and links for Feedback and help. The main content area features a blue header with the NASA logo and the text 'EARTHDATA LOGIN'. Below this, there are two input fields for 'Username' and 'Password'. To the right of these fields is a section titled 'Why must I register?' which explains the benefits of the login system. Below the input fields are two buttons: 'LOG IN' (green) and 'REGISTER' (blue). A red arrow points to the 'REGISTER' button. Below the buttons are three links: 'I don't remember my username', 'I don't remember my password', and 'Help'. At the bottom of the page, there is a dark blue banner with the text 'Get single sign-on access to all your favorite EOSDIS sites' and a 'REGISTER FOR A PROFILE' button.




EARTHDATA Find a DAAC Feedback

EARTHDATA LOGIN

Username 

Password

[LOG IN](#) [REGISTER](#)

-  I don't remember my username
-  I don't remember my password
-  Help


Why must I register?

The Earthdata Login provides a single mechanism for user registration and profile management for all EOSDIS system components (DAACs, Tools, Services). Your Earthdata login also helps the EOSDIS program better understand the usage of EOSDIS services to improve user experience through customization of tools and improvement of services. EOSDIS data are openly available to all and free of charge except where governed by international agreements.

Get single sign-on access to all your favorite EOSDIS sites

[REGISTER FOR A PROFILE](#)

Enter your information in the following form, with the red asterisk fields marked for those required.



EARTHDATA LOGIN

Register for an Earthdata Login Profile

Profile Information

Username: *

Password: *

Password Confirmation: *

*** Required field**

Username must:

- Be a Minimum of 4 characters
- Be a Maximum of 30 characters
- Use letters, numbers, periods and underscores
- Not contain any blank spaces
- Not begin, end or contain two consecutive special characters(, _)

Password must contain:

- Minimum of 8 characters
- One Uppercase letter
- One Lowercase letter
- One Number

User Information

First Name: *

Middle Initial:

Last Name: *

E-mail: *

Country Information

Country: *

Affiliations

Affiliation: *

User Type:

If 'other' selected above:

Organization:

Study Area:

Agreements


Please notify me via email with important information about EOSDIS science data products (e.g. updates, new data releases, quality issues), EOSDIS applications/tools (e.g. updates, service outages), and other relevant information for users.

Yes, I'm interested in Meris and ESA Sentinel-3 Data.

By clicking the REGISTER FOR EARTHDATA LOGIN button below, you are acknowledging that all Earthdata Login applications running in DAACs will have access to my profile information. Information in user profiles complies with NASA's Web Privacy Policy

By accessing and using this information system, you acknowledge and consent to the following:


You are accessing a U.S. Government information system, which includes: (1) this computer; (2) this computer network; (3) all computers connected to this network including end user systems; (4) all devices and storage media attached to this network or to any computer on this network; and (5) cloud and remote information services. This information system is provided for U.S. Government-authorized use only. You have no reasonable expectation of privacy regarding any communication transmitted through or data stored on this information system. At any time, and for any lawful purpose, the U.S. Government may monitor, intercept, search, and seize any communication or data transmitting, stored on, or traveling to or from this information system. You are NOT authorized to process classified information on this information system. Unauthorized or improper use of this system may result in suspension or loss of access privileges, disciplinary action, and civil and/or criminal penalties.

I'm not a robot 

REGISTER FOR EARTHDATA LOGIN




Once you have registered for an account, you will be directed back to the login page. Verify that you can sign in.

EARTHDATA LOGIN

Username 

Password

LOG IN **REGISTER**

-  I don't remember my username
-  I don't remember my password
-  Help

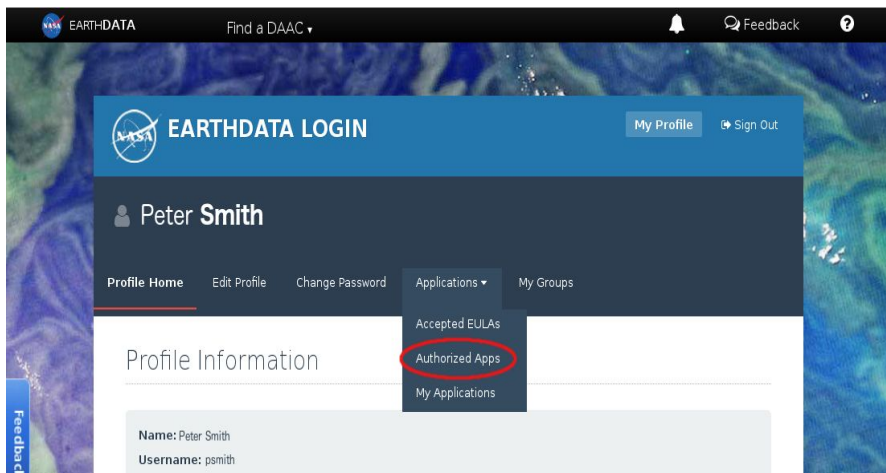
Why must I register?

The Earthdata Login provides a single mechanism for user registration and profile management for all EOSDIS system components (DAACs, Tools, Services). Your Earthdata login also helps the EOSDIS program better understand the usage of EOSDIS services to improve user experience through customization of tools and improvement of services. EOSDIS data are openly available to all and free of charge except where governed by international agreements.

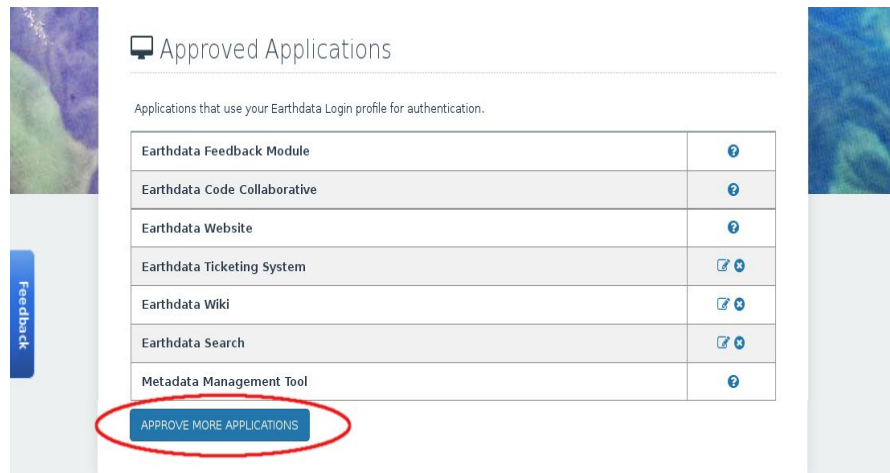
Get single sign-on access to all your favorite EOSDIS sites

REGISTER FOR A PROFILE

Once you are signed in and see your profile, navigate to Applications > Authorized Apps, then scroll down and select Approve More Applications.



The screenshot shows the Earthdata Login interface. At the top, there's a navigation bar with 'EARTH-DATA', 'Find a DAAC', a notification bell, 'Feedback', and a help icon. Below this is a blue header with the 'EARTHDATA LOGIN' logo and 'My Profile' and 'Sign Out' buttons. The user's name 'Peter Smith' is displayed. A navigation menu includes 'Profile Home', 'Edit Profile', 'Change Password', 'Applications', and 'My Groups'. The 'Applications' dropdown is open, showing 'Accepted EULAs', 'Authorized Apps' (circled in red), and 'My Applications'. The main content area shows 'Profile Information' with fields for 'Name: Peter Smith' and 'Username: psmith'.



The screenshot shows the 'Approved Applications' page. It features a title 'Approved Applications' and a subtitle 'Applications that use your Earthdata Login profile for authentication.' Below this is a table listing several applications, each with a help icon. At the bottom of the page, a blue button labeled 'APPROVE MORE APPLICATIONS' is circled in red.

Application Name	Help Icon
Earthdata Feedback Module	?
Earthdata Code Collaborative	?
Earthdata Website	?
Earthdata Ticketing System	?
Earthdata Wiki	?
Earthdata Search	?
Metadata Management Tool	?

Search for NASA GESDISC DATA ARCHIVE in the Search bar, then Approve that application.

EARTHDATA LOGIN My Profile Sign Out

Peter Smith

Profile Home Edit Profile Change Password Applications My Groups

Approve Applications

NASA GESDISC DATA ARCHIVE SEARCH

Please use the links to review and approve these applications.

Drive test	APPROVE
508-compliant Earthdata discovery tool	APPROVE

EARTHDATA LOGIN My Profile Sign Out

Peter Smith

Profile Home Edit Profile Change Password Applications My Groups

Approve Applications

SEARCH

Application Results

Please use the links to review and approve these applications.

NASA GESDISC DATA ARCHIVE	APPROVE
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Agree to the End User License Agreement and then verify that NASA GESDISC DATA ARCHIVE is in your list of Approved Applications.

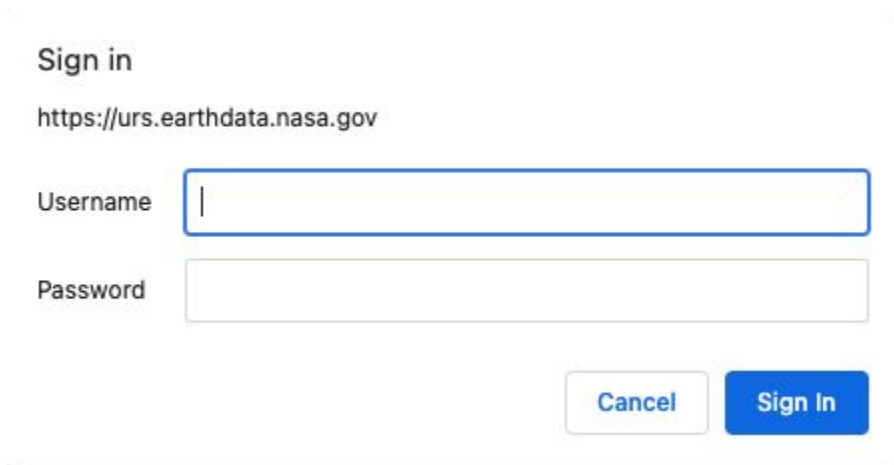
The screenshot shows the 'EARTHDATA LOGIN' interface. At the top right, there are links for 'My Profile' and 'Sign Out'. The main heading is 'NASA GESDISC DATA ARCHIVE'. Below this, a message states: 'Application Administrators may send out occasional emails notifying users about application updates or alerts. Yes, I would like to be notified.' The section title is 'End User License Agreement'. A paragraph reads: 'Please review the End User License Agreement below. You must accept the terms and conditions in order to use the application.' A text box contains the following text: 'NASA GES DISC is the data archive center that provides access to remote sensing data from various disciplines including Atmospheric Composition and Dynamics, Precipitation and Hydrology as well as Assimilation and Modeling. The data are accessible via HTTP and OPENDAP protocols. Data visualization and subsetting services also provided for products in the archive.' At the bottom, there is a checkbox labeled 'I agree to the terms of End User License Agreement (Please select the checkbox to Agree)'. Below this are two buttons: 'AGREE' and 'NO THANKS'. A vertical 'Feedback' button is visible on the left side.

The screenshot shows the 'EARTHDATA LOGIN' interface for a user named Peter Smith. At the top right, there are links for 'My Profile' and 'Sign Out'. A green notification banner at the top states: 'Application 'nasa_gesdisc_data_archive' has been added to your applications'. Below the user name, there are navigation links: 'Profile Home', 'Edit Profile', 'Change Password', 'Applications', and 'My Groups'. The main section is titled 'Approved Applications' and includes the subtext: 'Applications that use your Earthdata Login profile for authentication.' A table lists the following applications:

Earthdata Feedback Module	?
Earthdata Code Collaborative	?
Earthdata Website	?
Earthdata Ticketing System	? +
Earthdata Wiki	? +
Earthdata Search	? +
Metadata Management Tool	?
NASA GESDISC DATA ARCHIVE	? +

At the bottom of the table is a button labeled 'APPROVE MORE APPLICATIONS'. A vertical 'Feedback' button is visible on the left side.

When you access the data via the hidden directory, a pop up will appear that will ask for this Earthdata Login information in order to download the data. Keep in mind that this information will also need to be provided when scripting any downloading of the data.



Sign in

<https://urs.earthdata.nasa.gov>

Username

Password

The image shows a sign-in form for Earthdata Login. It includes a title 'Sign in', a URL 'https://urs.earthdata.nasa.gov', two input fields for 'Username' and 'Password', and two buttons: 'Cancel' and 'Sign In'.

More information and help for accessing and downloading GES DISC data:

<https://wiki.earthdata.nasa.gov/display/EL/How+To+Register+For+an+EarthData+Login+Profile>

<https://disc.gsfc.nasa.gov/earthdata-login>

<https://disc.gsfc.nasa.gov/data-access>