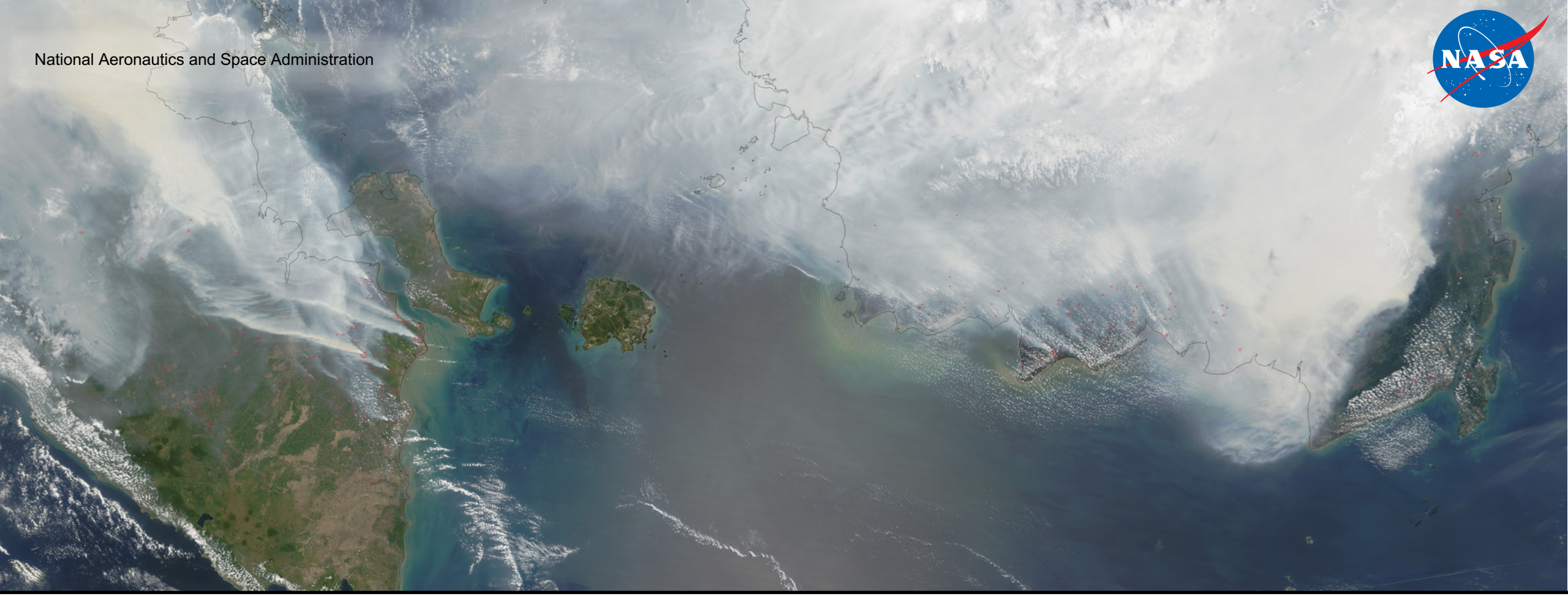


Download MODIS Aerosol Data

Pawan Gupta, Melanie Follette-Cook, and Bryan Duncan

NASA Remote Sensing for Air Quality Applications, March 20-23, 2018, Jakarta, Indonesia

Step 1: Visit https://urs.earthdata.nasa.gov/users/new

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(. _)

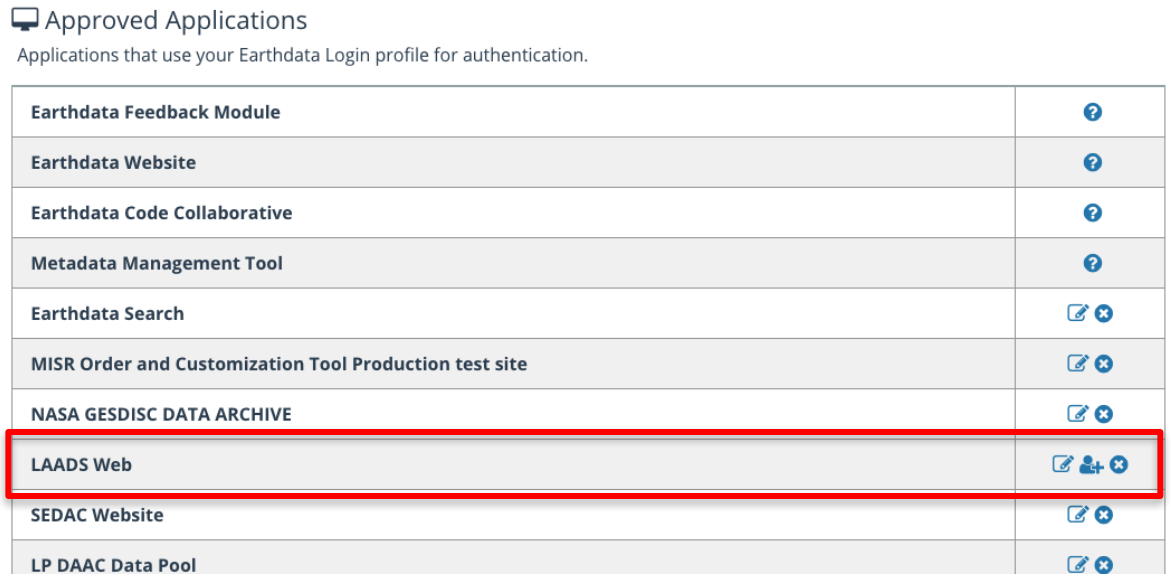
Password must contain:

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

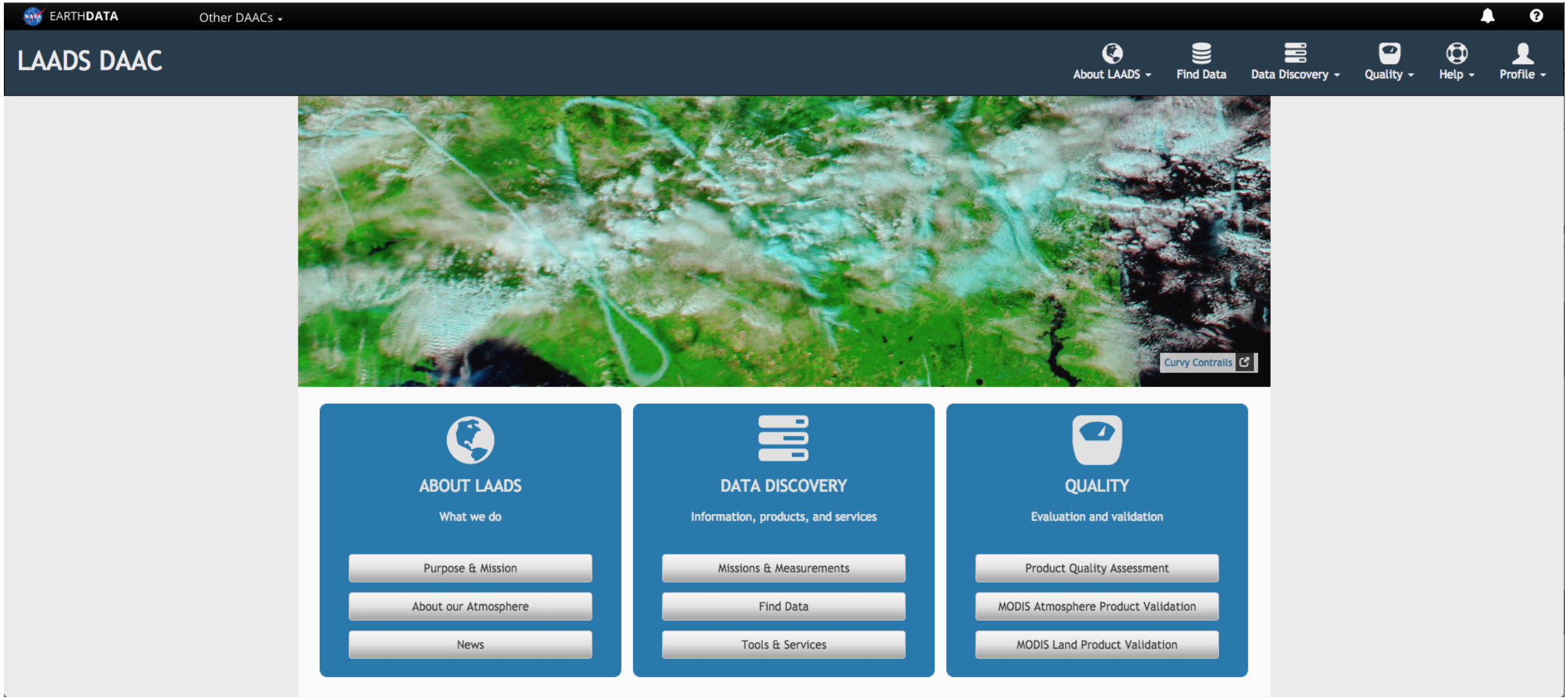
Step 2: Add LAADS Web to your Applications

- Login to Earthdata
- Click on **My Applications**
- Click on **Approve More Applications**
- Look for LAADS Web in the list or search
- Add LAADS Web to your applications

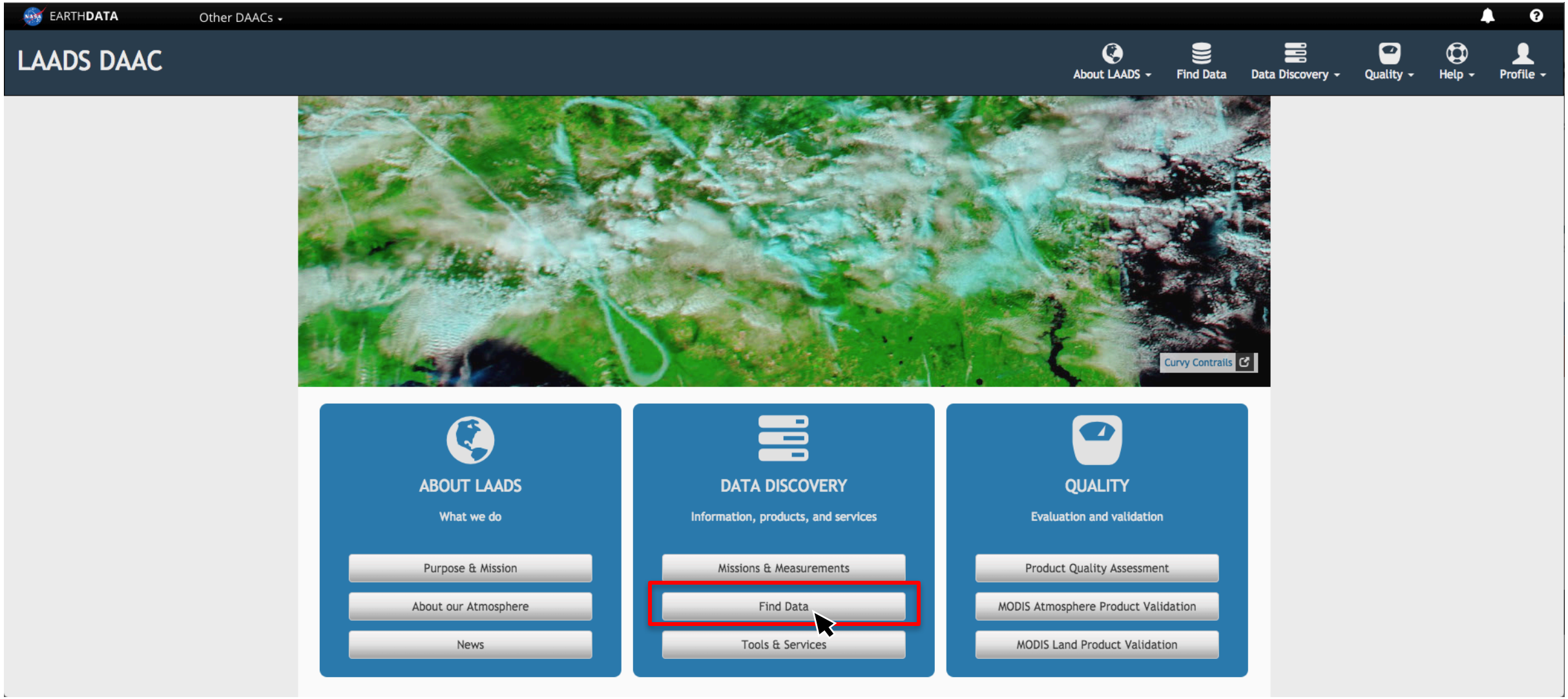
You should see LAADS Web in your list of approved applications



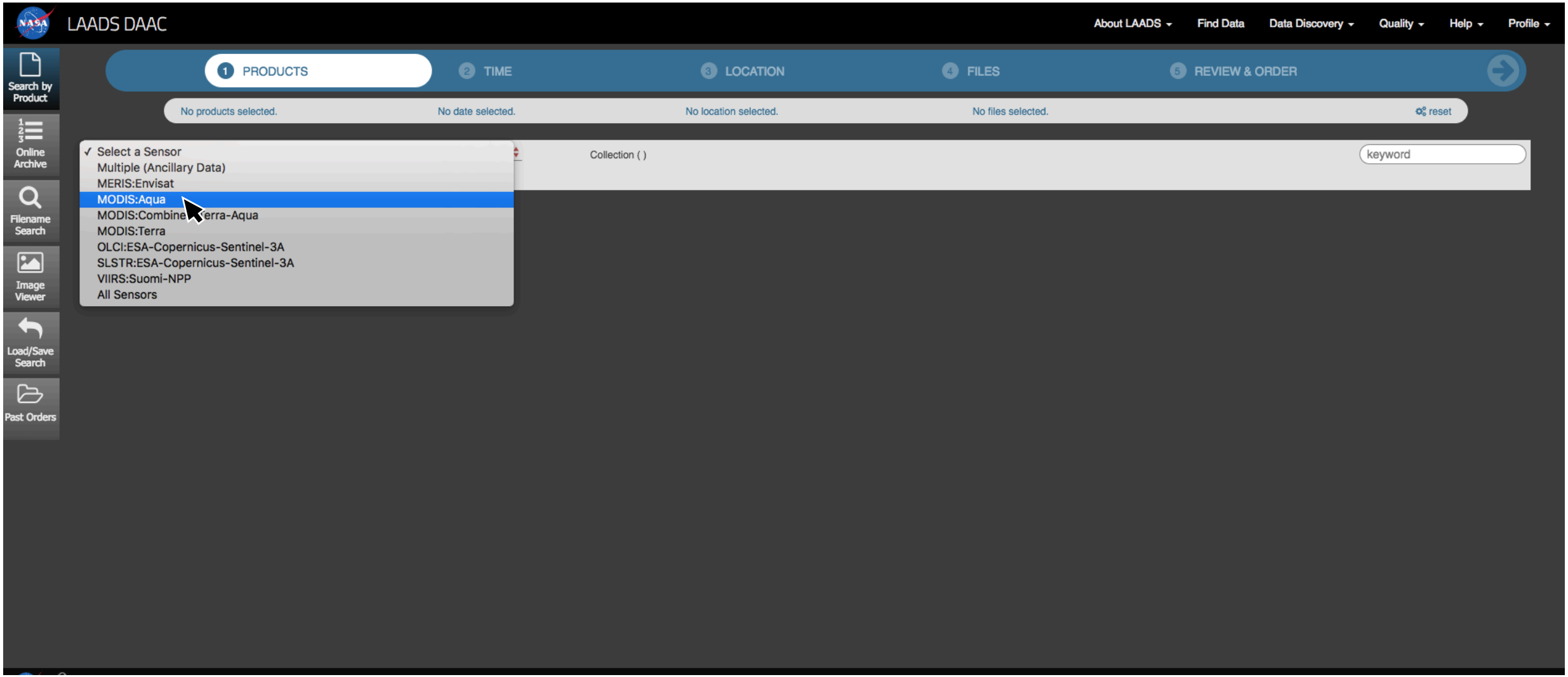
Step 3: Login at https://ladsweb.modaps.eosdis.nasa.gov/



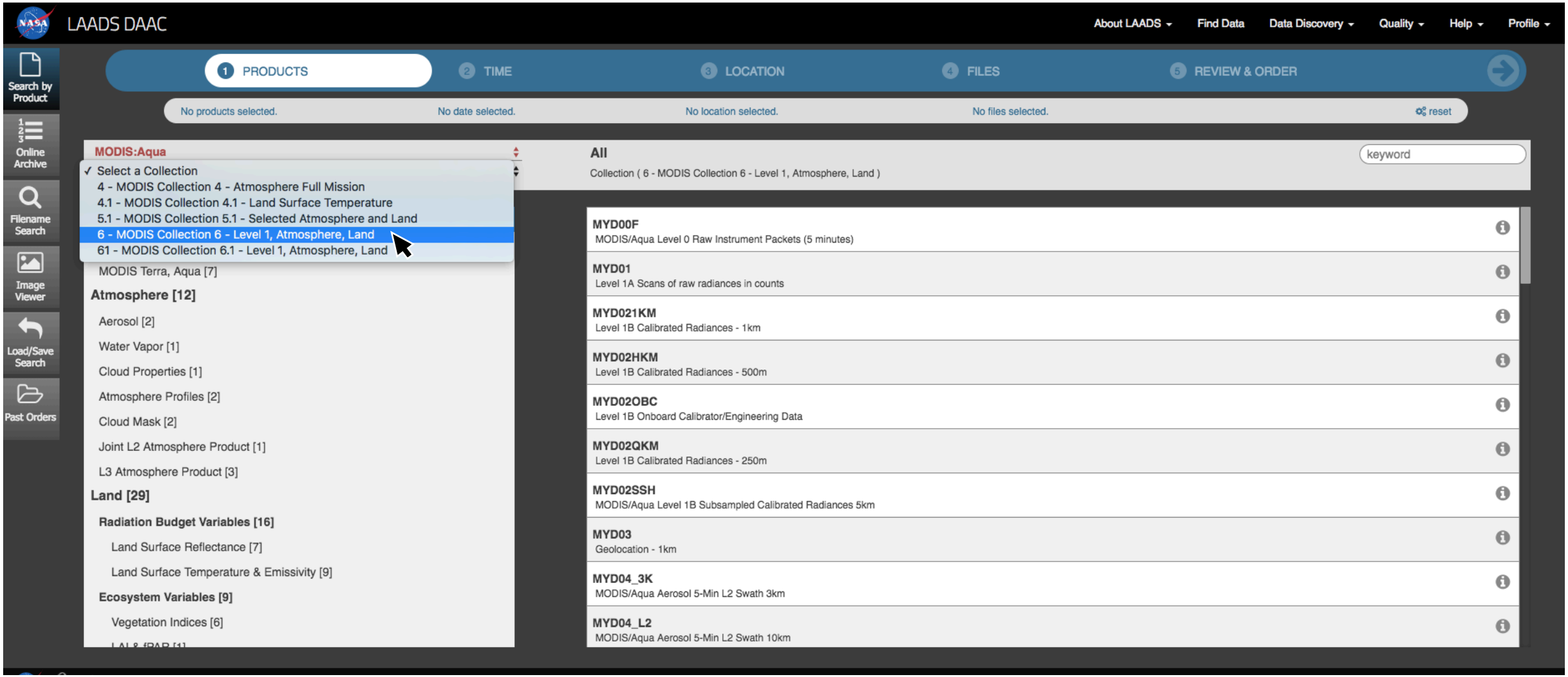
Step 4: Click on “Find Data”



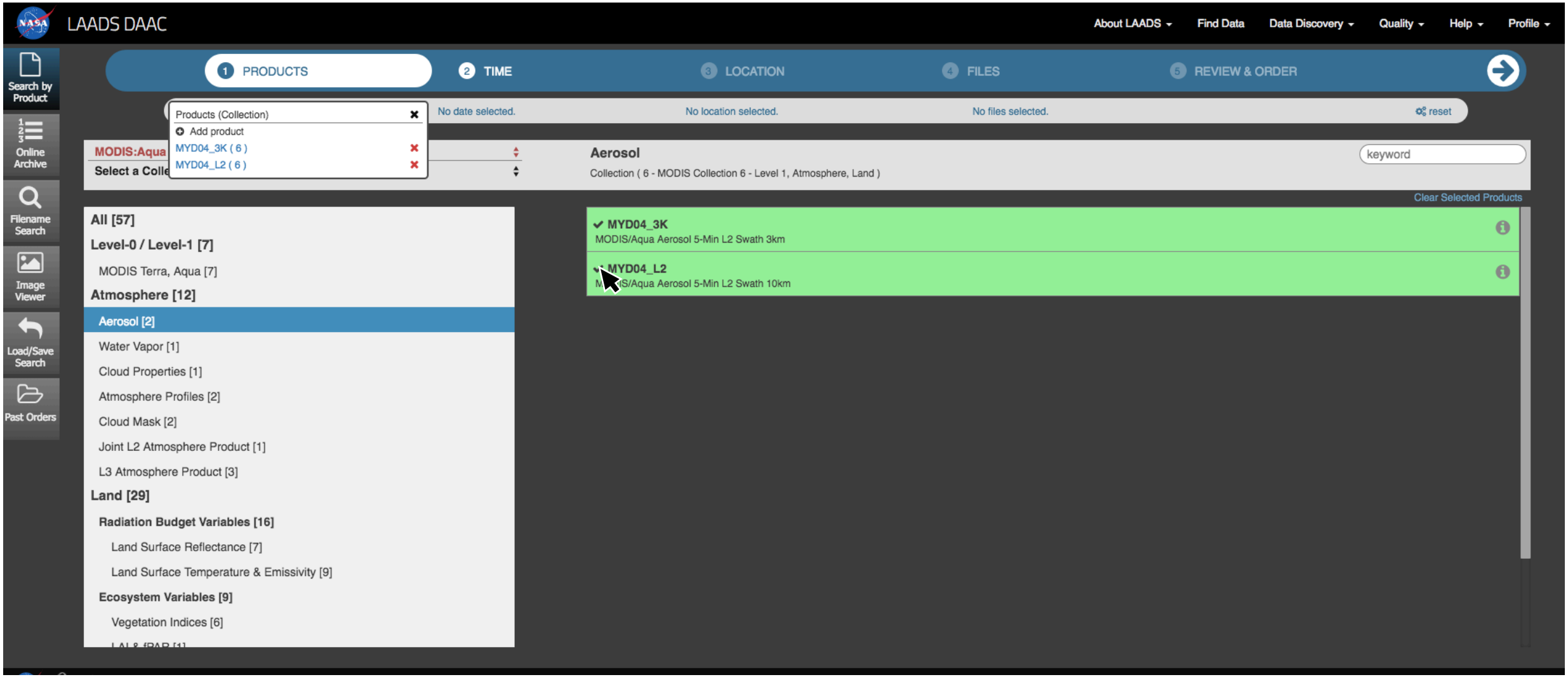
Step 5: Make a Product Selection - Select Sensor



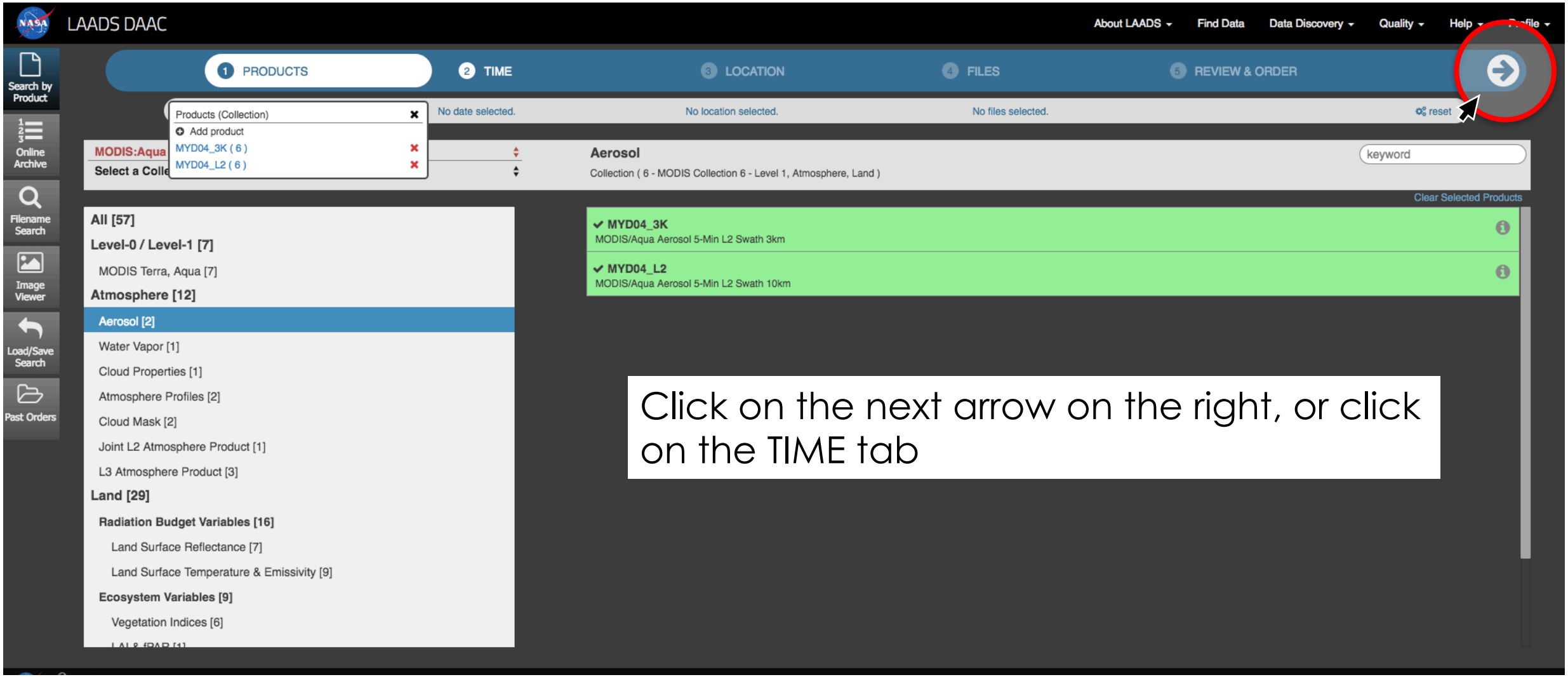
Step 5: Make a Product Selection - Data Collection



Step 5: Make a Product Selection – Data Product

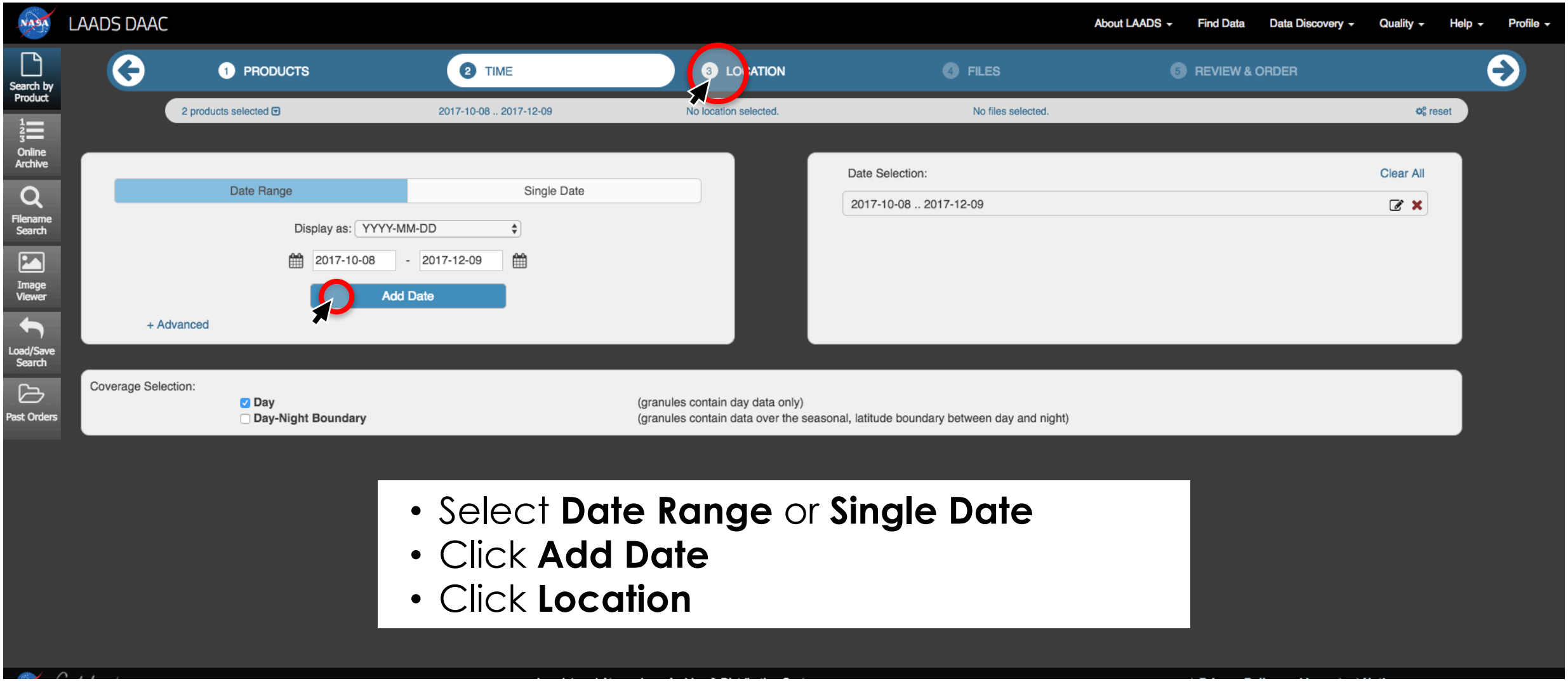


Step 6: Select Time



Click on the next arrow on the right, or click on the TIME tab

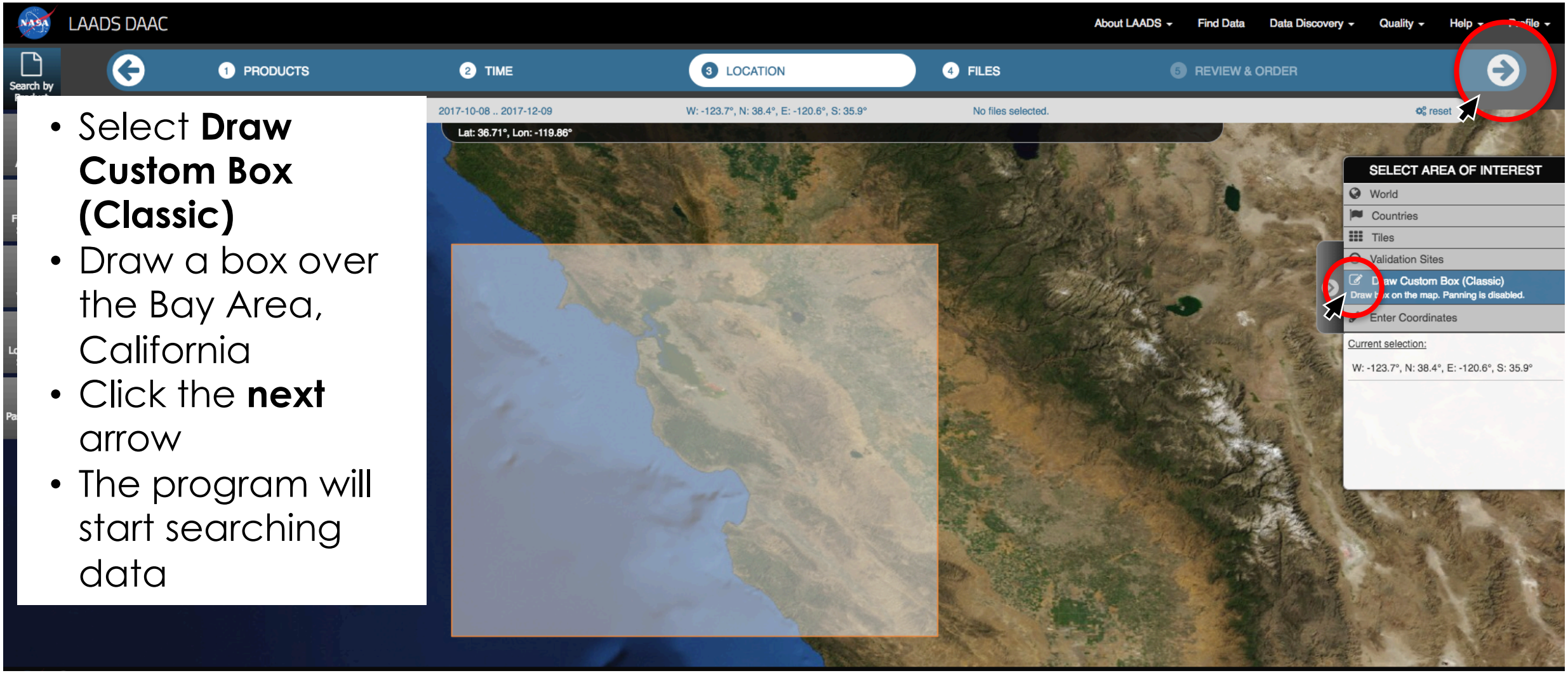
Step 6: Select Time



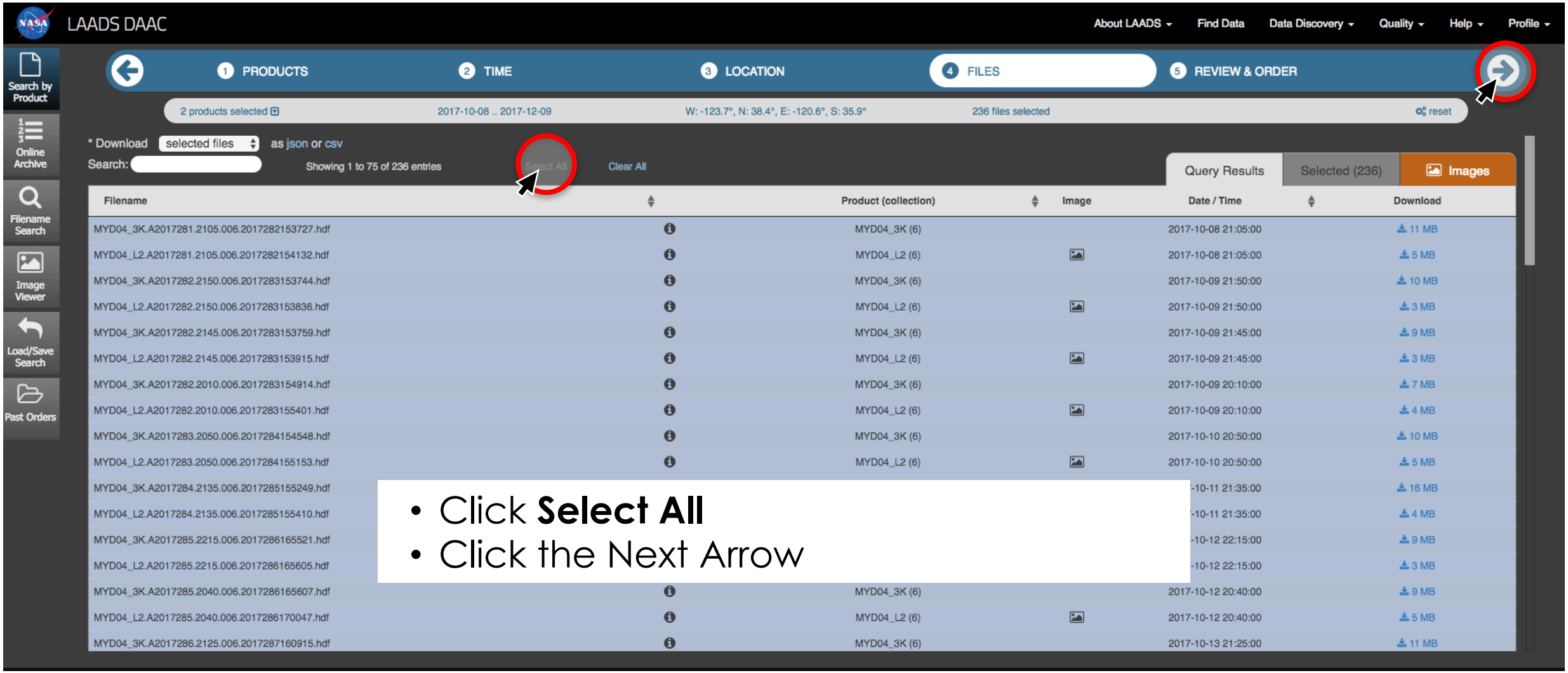
- Select **Date Range** or **Single Date**
- Click **Add Date**
- Click **Location**

Step 7: Select a Location or Region

- Select **Draw Custom Box (Classic)**
- Draw a box over the Bay Area, California
- Click the **next** arrow
- The program will start searching data

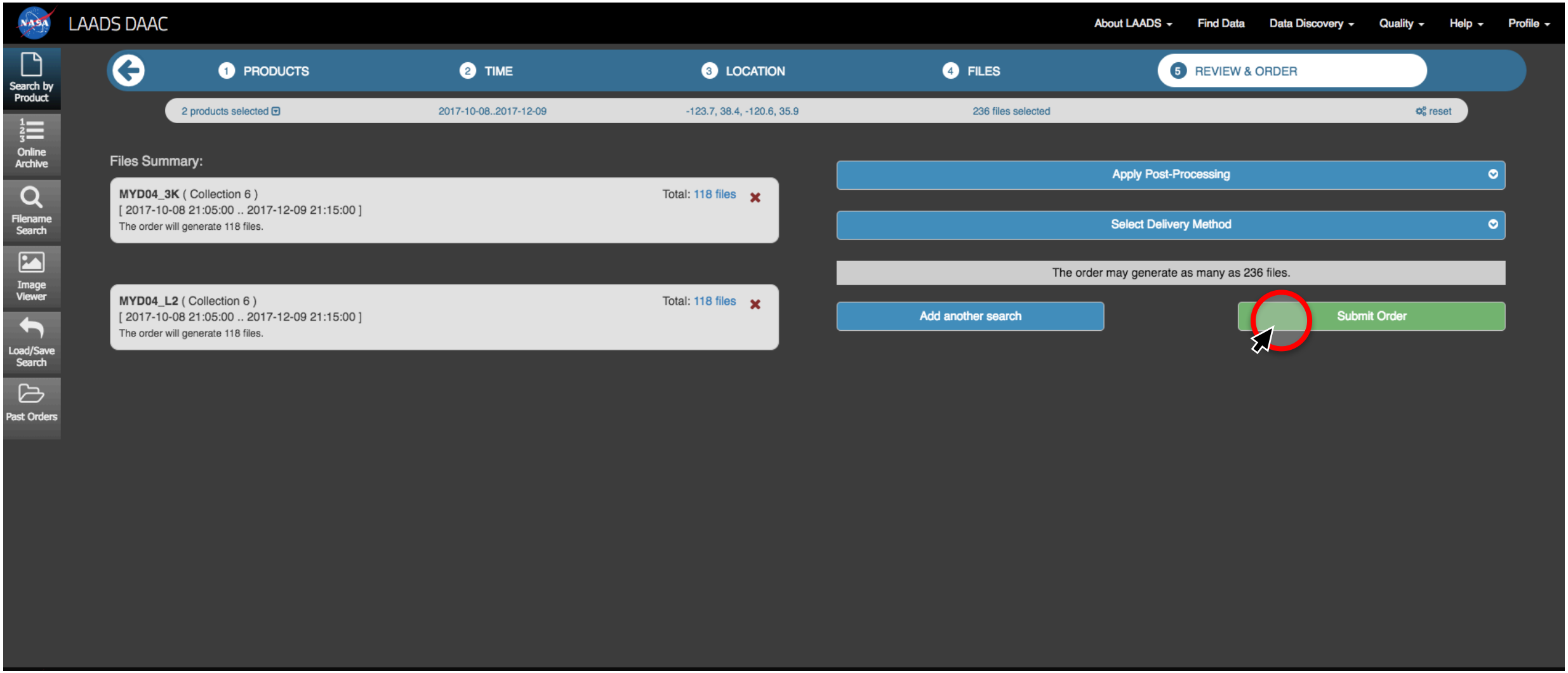


Step 8: Files



- Click **Select All**
- Click the Next Arrow

Step 9: Submit Order



Step 10: Download the Data

- After placing your order, check your email for order confirmation
- Follow the instructions in the email to download the data
- Save the data in your directory where you will run your python scripts