

Webinar 1 for Middle Eastern Users

Data Store and Data Tailor through Graphical User Interface.

Exercise 1: Using Data Store

1. Access the platform

Click on the link → <https://data.eumetsat.int>

2. Login

To log in click the “**log in**” button (below). A new window will open and you will need to insert your username and password.



If you do not have a username and password please create a new user by clicking on the “**Create new user**” button.

Authentication

Welcome to the Earth Observation Portal.

To update your user profile, extend your data licences, or change your service subscriptions, please click [here](#).

Please login to access your account.

PLEASE LOGIN

Please enter your user ID and password to login

User Name: *	<input type="text"/>
Password: *	<input type="password"/>

Please note the fields marked with * are mandatory. The User Name is not case sensitive and is displayed in lower case.

[▶ FORGOTTEN YOUR PASSWORD?](#) [▶ LOGIN](#)

[▶ NEW USER - CREATE NEW ACCOUNT](#)

Click Login

- Once logged in you will be faced with the screen below. Click on **“Perform an advanced research”**.

The screenshot shows the 'Data Store' interface. At the top, there is a search bar with the text 'e.g. "Atlantic Sea"' and a magnifying glass icon. Below the search bar, a button labeled 'Perform an advanced search >' is highlighted with a red box. The main content area displays two search results. The first result is titled 'AMSU-A Level 1B - Metop - Global' and includes a global map showing radiance data. The second result is titled 'ASCAT Coastal Winds at 12.5 km Swath Grid - Metop' and includes a map of the Pacific Ocean showing wind data. Both results have a 'LEO' tag and an 'Access Data' button.

- On the left panel, explore the different available filters. Select the following:

PLATFORM → **Meteop**

SENSOR (NOT SENSOR TYPE) → **ASCAT**

- Now find the collection called **“ASCAT Coastal Winds at 12.5 km Swath Grid – Metop”** and read everything about the collection by clicking **“Learn more”**

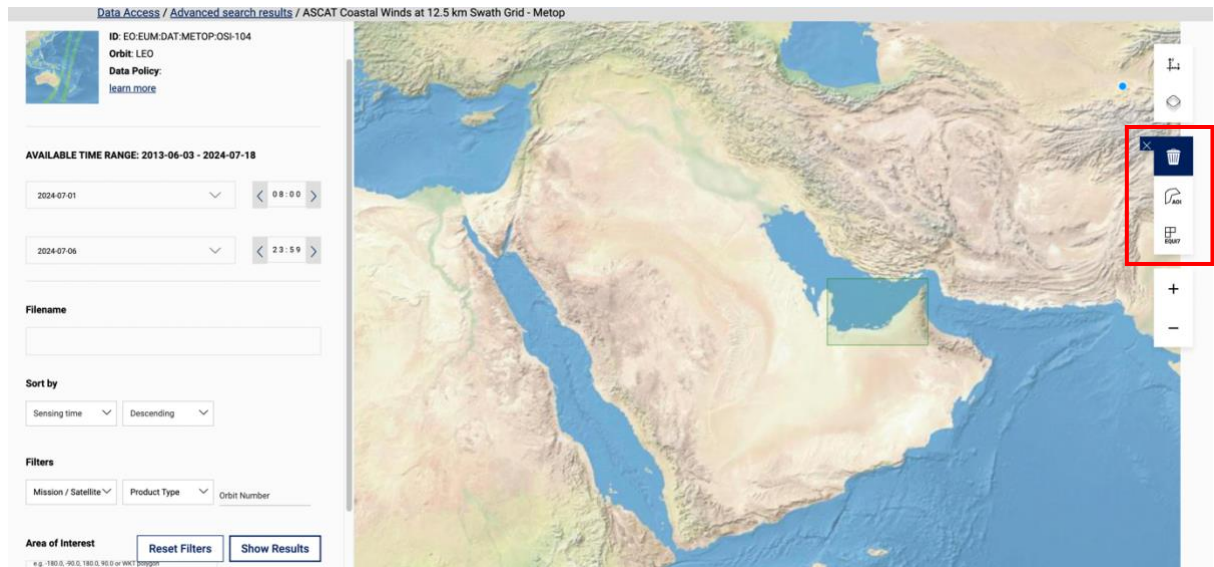
This image shows a detailed view of the search result for 'ASCAT Coastal Winds at 12.5 km Swath Grid - Metop'. The title is highlighted with a red box. Below the title, there is a 'LEO' tag and a description of the data. A 'learn more' link is highlighted with a red box. At the bottom, there is an 'Access Data' button.

- Go back and click on **“Access Data”**. A new window will open.

- Select the following time range:

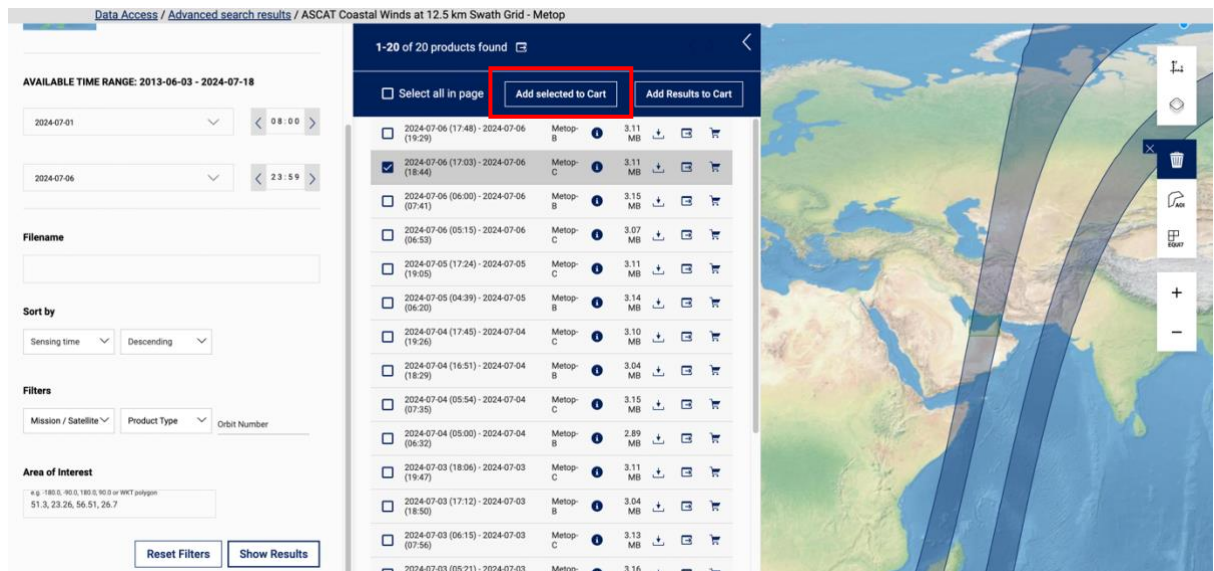
Date: **2024-07-01** Time: **8:00**
Date: **2024-07-06** Time: **23:59**

8. Select the **area of interest** as shown in the figure below. (Green box). To create the polygon click on the rectangle image on the right of the screen.



Click on **Show Results**.

9. Now check how, by clicking on the different products, the map will show you different swaths, indicating the movement of the satellite and the area covered by that specific product. **Choose a product that matches your area.**



Select the product and click **“Add selected to Cart”**.

On the top of the menu, click on the **Cart icon** to see your cart.

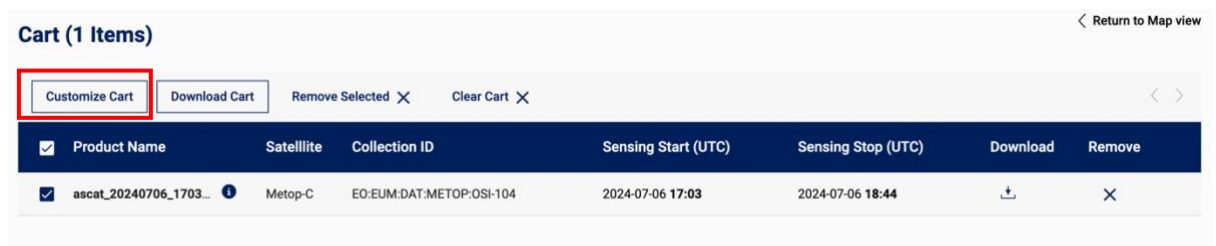


10. The image below shows what your cart should look like.

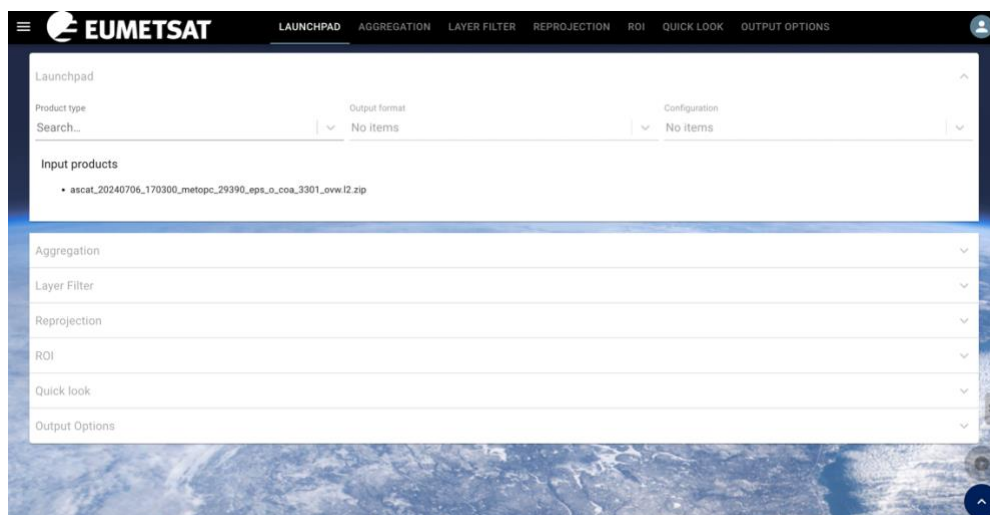


Exercise 2: Using the Data Tailor

1. Select your product from the chart and click: **“Customise Cart”**



2. A new window will open. This is what the Data Tailor GU Interface looks like.



3. Select the following:

Product type: **ASCAT.... NetCDF.**

Output Format: **GeoTiff**

4. On the “**Layer Filter**” section select the following from the box on the LEFT:

-**Wind Direction at 10 m**

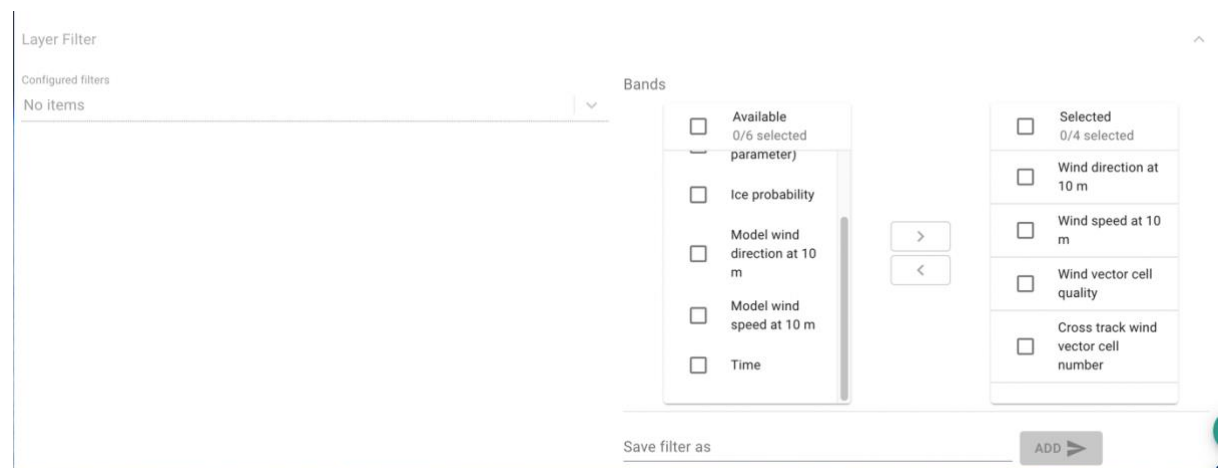
-**Wind Speed at 10 m**

-**Wind Vector cell quality**

-**Cross Track wind vector Cell number.**

Click on the arrow in the middle “>”.

Your window should now look like the following:

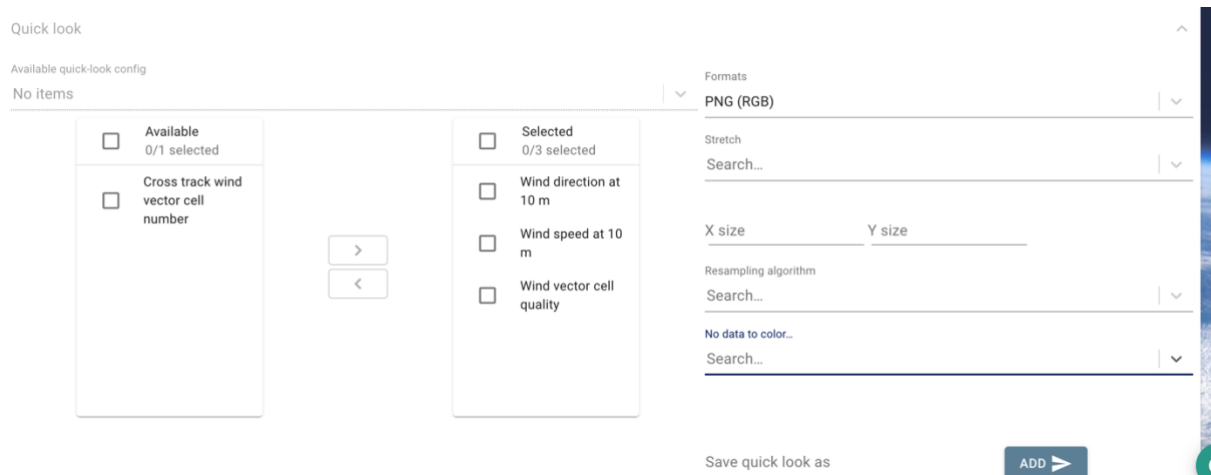


5. Go On the “**Quick look**” section.

Select three layers on the box on the LEFT, and click the arrow to move them on the RIGHT.

Select PNG as a **format**

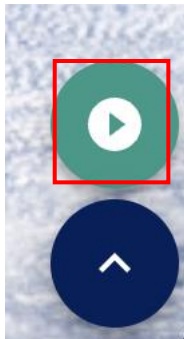
Your window will have to appear as shown below.



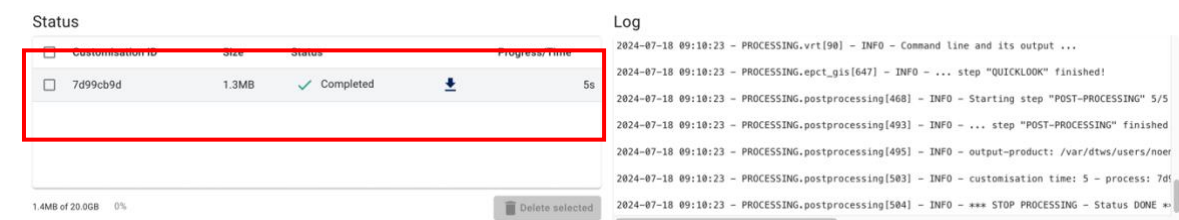
On the **Output option** section choose Zip as a compression type.



You are now ready to start the customisation. Press the **green button** on the bottom-right of the screen.



A new tab will open at the bottom. It will look like the one below. Select the Customisation and press the **download arrow**.



You have downloaded your product!

Now, try by yourself with the following information:

Exercise 2: Sentinel-3

- **Find the product**

Collection: OLCI Level 1B Full Resolution - Sentinel-3

Area: Persian Gulf

Timeframe: Choose your preferred time range (make sure your dates fit the AVAILABLE TIME RANGE)

- **Customise the product**

Output format: GeoTiff

Reproject: Gall-Peters

ROI: Find the coordinates (in decimals) of the north of the Persian Gulf

Output option: Zip

Run the customisation and download the product

Exercise 3: MSG

Collection: Fire Risk Map - Released Energy Based – MSG

No customisation is allowed with this collection. **Only download the product.**

Exercise 4: Independent work

Now, imagine you have some research to do. Download and customize a product according to your research needs.

REMEMBER to use the guide provided to search if your products are supported by Data Tailor