

The background of the slide is a photograph of the EUMETSAT building in Darmstadt, Germany. The building is a modern, multi-story structure with a prominent glass facade and a curved architectural element. In the foreground, there is a row of flagpoles with various national flags flying. The image is partially overlaid with a dark blue semi-circular graphic on the left and a white semi-circular graphic on the right.

Data Access and User Portal

Erdem ERDI
Data Services User Support Officer

16th EUFA - 16-20 September 2024 - Cotonou



Data Access Service Portfolio

Overview of the data access services

Accessing MTG Data

Where can I find my MTG data?

User Portal

One-stop-shop for end-users



MTG-I1 data is being released gradually

LI Level-2 data has been pre-operational and publicly accessible since July 2024

FCI Level 1c data is being prepared for getting pre-operational status

The following slides show how pre-operational FCI and LI data can be accessed across different services



Push services



EUMETCast Terrestrial
Near-real-time data delivery
via terrestrial networks

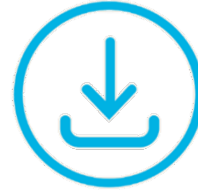


EUMETCast Satellite

Pull services



EUMETView
Viewing your data



**EUMETSAT
Data Store**
Improving data access



Data Tailor
Customising your data



Data Centre



WEkEO



Direct dissemination

Shared services



**European
Weather Cloud**
Hosted data processing



WIS



Push services



EUMETCast Terrestrial
Near-real-time data delivery
via terrestrial networks

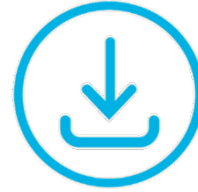


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Direct dissemination

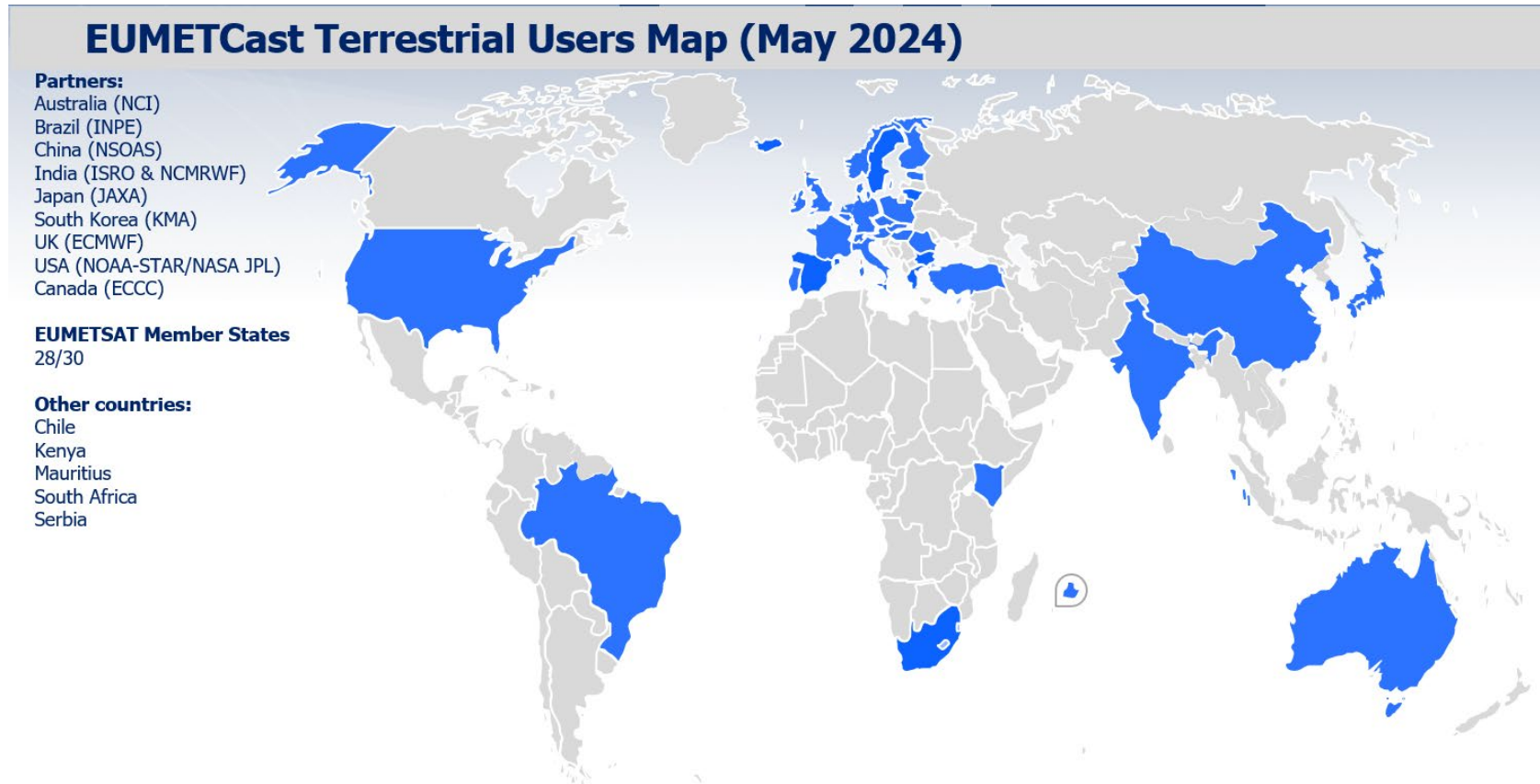
Shared services



**European
Weather Cloud**
Hosted data processing



WIS



Full MTG data with short timeliness and high availability

- FCI Level 1c Normal Resolution (1 km and 2 km)
- FCI Level 1c High Resolution (0.5 km and 1 km)
- LI Level 2 (5 products)

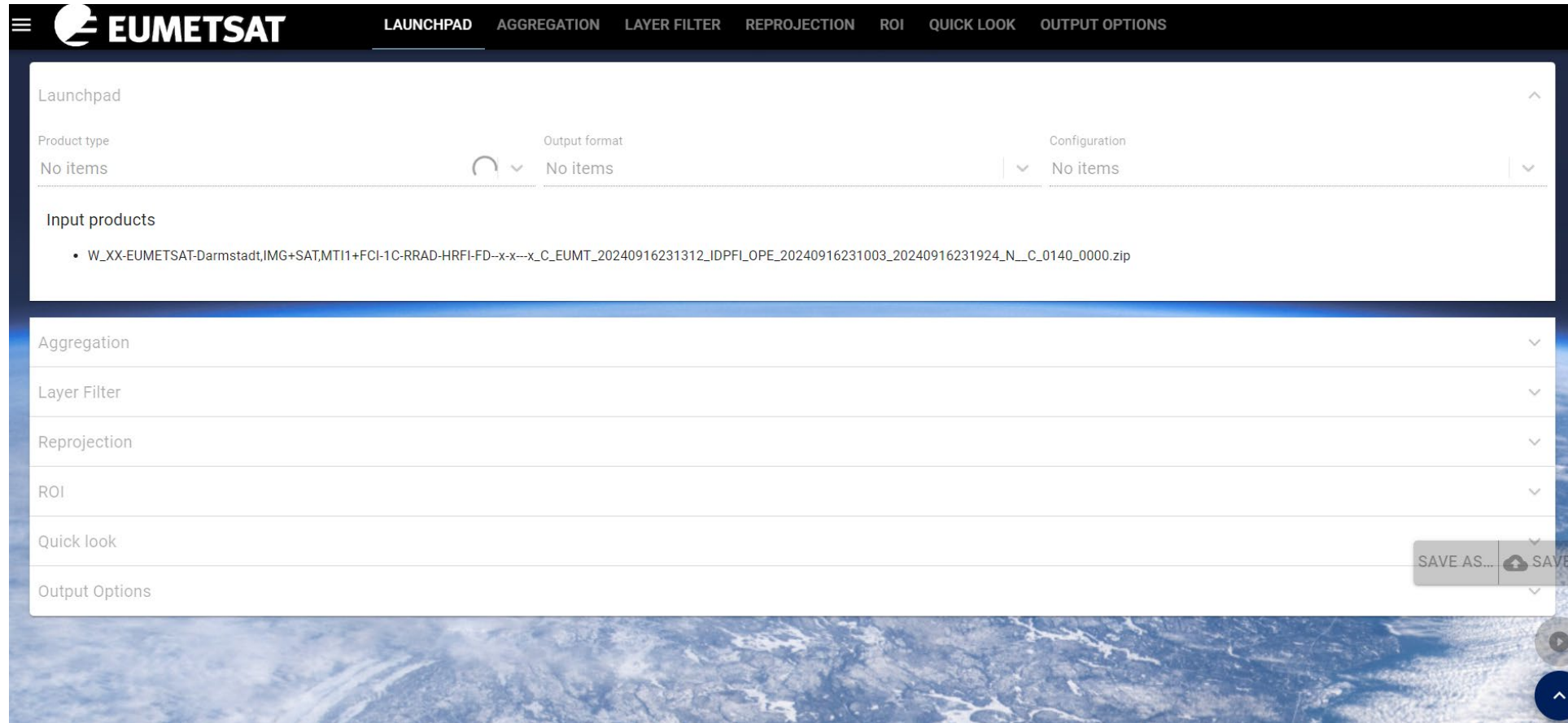


Customized MTG data with short timeliness and high availability

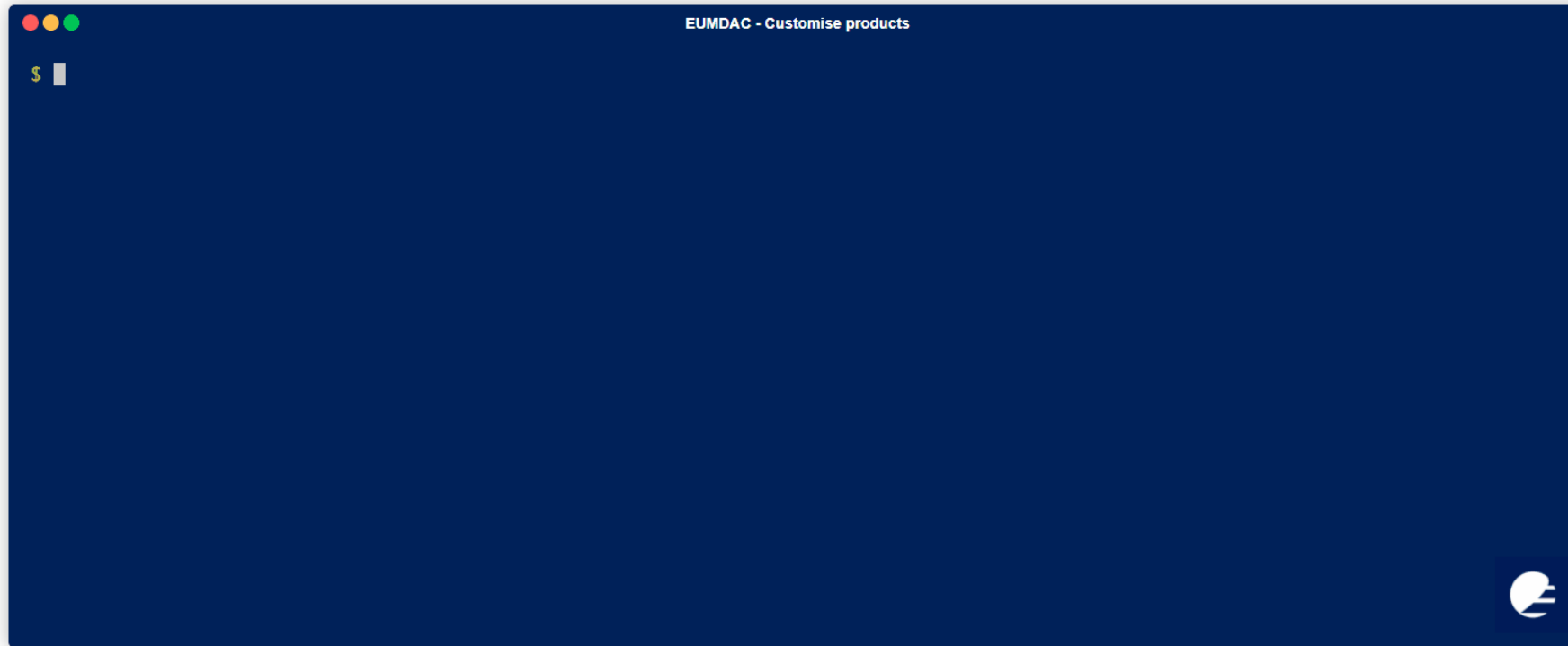
- FCI Level 1c customized data (17 products)
- FCI RGBs (5 products)
- LI Level 2 (1 products)

The screenshot shows the EUMETSAT Data Services website interface. At the top, there is a navigation bar with the EUMETSAT logo, 'DATA SERVICES', and links for 'API Access', 'Cart 1 item', and a user profile 'erdemtes'. Below the navigation bar, the breadcrumb 'Data Access / Advanced search results' is visible. A search filter box on the left contains the text 'HRFI'. The main content area displays 'We've found 20 results' and lists two search results. Each result features a satellite image of Earth, a title, a description, a 'learn more' link, and an 'Access Data' button. The first result is titled 'FCI Level 1c High Resolution Image Data - MTG - 0 degree' and the second is 'FCI Level 1c High Resolution Image Data - MTG - 0 degree (COM)'. Both results include a 'GEO' tag.

- **FCI Level 1c Normal Resolution (1 km and 2 km)**
- **FCI Level 1c High Resolution (0.5 km and 1 km)**
- **LI Level 2 (6 products, 10-minute accumulations)**

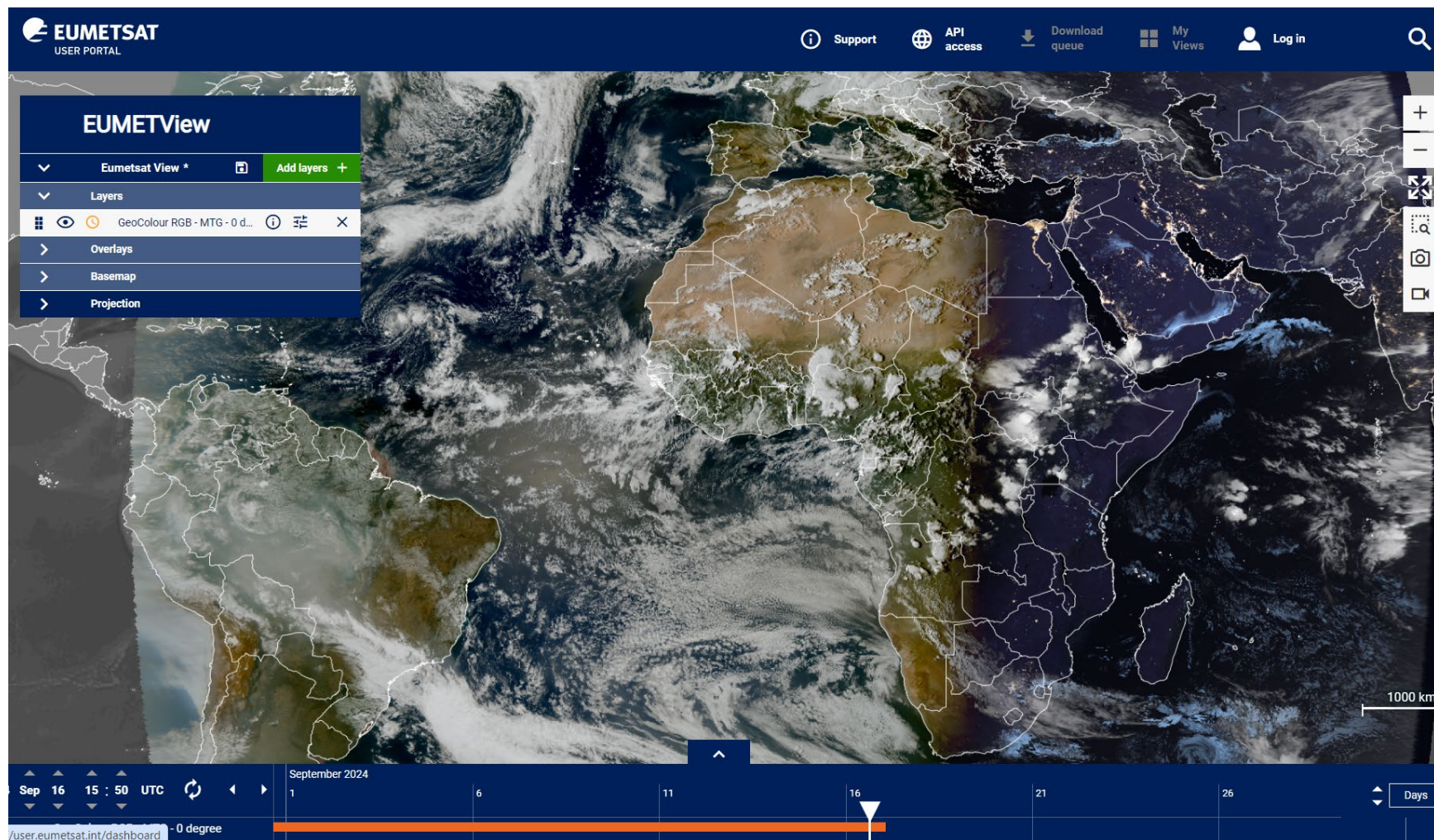


- **Various customisations (As web service or stand-alone) for:**
 - **FCI Level 1c data**
 - **LI Level 2 data**



Automated access and customization for:

- **FCI Level 1c Normal Resolution (1 km and 2 km)**
- **FCI Level 1c High Resolution (0.5 km and 1 km)**
- **LI Level 2 (6 products)**



- **FCI Level 1c single channels and RGBs (6 products)**
- **LI Level 2 data to be available soon (1 product)**

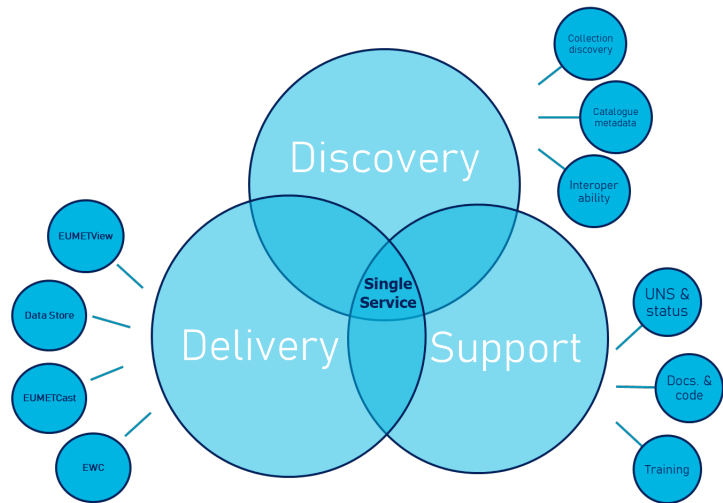


EUMETSAT User Portal



Goal of the user portal

Portal goal: to help users exploit our satellite data (next) Integrated data, resources, news & events



Online user guides

Sentinel-3 OLCI ocean colour processing baseline

V2, 23 Feb 2023

On this page you'll find information on the history and current state of the Copernicus Sentinel-3 OLCI level 1 and level 2 ocean colour processing baselines.

Processing baselines

The following table and diagram provide information on the history and current state of the processing baselines for Copernicus Sentinel-3 OLCI at level 1 and level 2. They also give links to the relevant product notices for each processing baseline change. If you require information about past reprocessings, please contact our [User Support Helpdesk](#). Users are always recommended to use the latest reprocessing of data, when available. Users should note that data from old baselines may exist on other services, even after a reprocessing has been completed, but should not be used for generating a consistent time series. Guidance on creating a complete time series is available for each sensor through in the FAQs section at the bottom of this guide.

Operational level 1 OLCI data is available on the [EUMETSAT Data Store](#). **Reprocessed level 1 data** is also available on the Data Store, however, not all level 1 OLCI data has been reprocessed. Operational data that are not yet reprocessed are available from the [EUMETSAT Data Centre](#). All level 2 **operational OLCI** and **reprocessed OLCI** data are currently available via the Data Store. In addition, some operational data are also available via EUMETCast.

The table below details the OLCI processing baselines, including versions and changes.

Date in operations	Processing baseline version	IPF versions	OLCI level 1 product notice	OLCI level 2 ocean colour product notice	Major changes
22 Feb 2024	L1: OL_L1_002 25.01 L2: OL_L2M 003.04	L1: 06.18 L2: 07.04	S3 Product Notice-OLCI	Sentinel-3 Product Notice-OLCI Level-2 Ocean Colour	Product format and flagging changes. In L1, detection and flagging of pixels contaminated by the partial saturated anomaly and update of the geometric spatial regriding. In L2, introduction of new IQ parameters and change of the naming convention and encoding of uncertainty parameters. OLCI L2 Marine change implements a new processing baseline strategy and makes the baseline number available in

Navigate this article
Processing baselines
FAQ
Jupyter notebooks
Related resources

Link to Jupyter Notebooks

Linking land topography with altimetry derived winds and significant wave height

Data used

Product Description	Data Store collection ID	Product Navigator	WEKEO HDA ID	WEKEO metadata
Sentinel-3 SRAL level-2	EO:EUM:DAT:0415	link	EO:EUM:DAT:SENTINEL-3:SR_2_WAT_...	link

Learning outcomes

At the end of this notebook you will know;

- how to download data from the EUMETSAT Data Store using the [eumetsat data access \(eumdac\)](#) client
- how to plot altimetry derived winds and significant wave height in context with coastal topography
- how to compare altimetry products with data from other sources, such as Sentinel-1

Outline

Winds are blowing over continents & islands, but are impacted by reliefs and this can be seen in ocean altimetry data. A North Atlantic storm mid-January 2023 crossed South-West France/North Spain into the Mediterranean Sea, winds blowing all the way and over the Sea again. It reached the Mediterranean waters early on 2023/01/18.

Contents

1. Downloading altimetry products from the EUMETSAT Data Store API
2. Plot altimetry derived significant wave height and winds
3. Comparing with Sentinel-1 SAR wind data

We begin by importing all of the libraries that we need to run this notebook. If you have built your python using the environment file provided in this repository, then you should have everything you need. For more information on building environment, please see the repository [README](#).

- Integrate legacy information systems into a single online platform

- Improving user support information

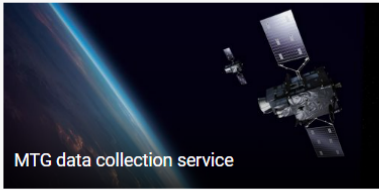


Users can navigate content by satellite, application area & data

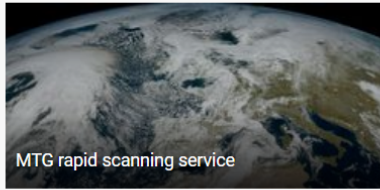
Meteosat Third Generation ★ 🔔



MTG 0 degree service



MTG data collection service



MTG rapid scanning service



MTG sounding service

Overview Data Resources

The introduction of Meteosat Third Generation (MTG) sat...
The **Flexible Combined Imager** (FCI) continues the very s...
instrument, MTG offers the additional capability to detect...
the **Infrared Sounding** (IRS) Service will complement the...
Copernicus Sentinel-4 Ultraviolet-Visible-Near Infrared (UV...
resolution.

When complete, the full operational MTG constellation wi...
thermodynamic structure of the atmosphere.

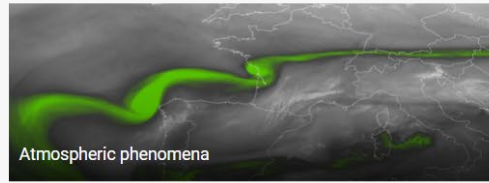
Information on **upcoming data** and timelines can be foun...

For further information see guides, documents, etc, in the

Satellite service and history

Satellite	Launch date/planned launch date
MTG-11	13/12/2022. Start of 12-month...

Weather ★ 🔔



Atmospheric phenomena



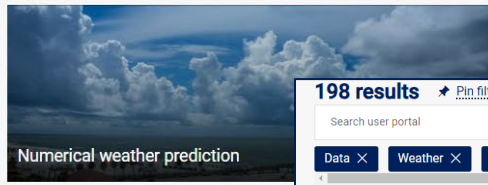
Cloud types



Large-scale and synoptic systems



Mesoscale systems and convective storms



Numerical weather prediction

Overview Data Resources News and events

Satellites observe the state of the atmosphere in real time and provide the imagery of the weather phenomena, essential for operations in mesoscale and short-range weather analysis and forecast. Satellite measurements provide information on atmospheric humidity, temperature and atmospheric winds, cloud cover density, precipitation intensity, cloud types, cloud particle properties, volcanic ash plumes, desert sand etc.

Forecasters rely heavily on satellite data for monitoring severe storms, hurricanes, extra-tropical cyclones, and issuing warnings of hazardous weather like gale force winds, heavy thunderstorms or flash floods.

For further information see guides, documents, etc, in the **Resources** tab above.

198 results ★ Pin filter results 🔔 Get notifications

Search user portal Latest Clear all filters

Data Weather Atmospheric phenomena Cloud types Large-scale and synoptic systems Mesoscale systems and convective storms Numerical weather predic

- European HRV RGB - 0 degree Data
29 Mar 2022
The E-View product is an RGB (Red, Green, Blue) composite based upon data from the SEVIRI instrument. It is dedicated to detailed cloud monitoring of the European region. It is bas...
- European HRV RGB - MSG - Indian Ocean Data
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- Geostationary Nowcasting Cloud Mask - MSG - Indian Ocean Data
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- Geostationary Nowcasting Cloud Type - MSG - Indian Ocean Data
8 Mar 2022
The Indian Ocean Cloud Type is a geostationary meteorological product for nowcasting applications, covering the MSG - IODC disk. It is produced with the NWC-SAF Geo 2018 software ...
- Geostationary Nowcasting Cloud Top Temperature and Height - MSG - Indi... Data
8 Mar 2022
The Indian Ocean Cloud Top Temperature and Height is a geostationary meteorological product for nowcasting applications, covering the MSG - IODC disk. It is produced with the NWC-...

Content types

- Data
- Resources
 - User guides
 - Case studies
 - Documents
 - Software & code
 - Service status
- News
- Events

Themes

- Atmospheric composition
- Climate
- Emergency
- Marine
- Weather
 - Atmospheric phenomena
 - Cloud types
 - Large-scale and synoptic systems
 - Mesoscale systems and convective storms
 - Numerical weather prediction
 - Surface features

Satellite sensors

- EUMETSAT
- Jason



New user portal status

Welcome to the EUMETSAT User Portal

Using the new portal

The new EUMETSAT User Portal is our one-stop-shop for all things data-related. Find and access data, learn how to exploit data, and read case studies of weather events and other phenomena. **Note:** the user portal is being released in phases, in Phase 1 you will find some sections and functionalities are disabled or under construction.

You can find out all about this new portal by reading our [Exploring the user portal guide](#) or watching our [instructional video](#) on YouTube.

New to EUMETSAT data? Read our [Getting started guide](#) to learn how to register and receive satellite data.

We welcome feedback on this new portal, via [contact us](#).



<https://user.eumetsat.int/dashboard>

- New user portal was released on 10 January 2024 – information content
- With a reorientation of the content of the website to a ‘corporate’ site, including a reduction in technical depth of content
- At end Q4/2024 user registration and SSO access to data is planned to be incorporated into the user portal
- In 2025 users will be able to manage their own customisable dashboard, ‘home page’
- Feedback is welcomed. A formal survey is planned for end 2025.



Search user portal



Gale Westerly

Log out

Account details

My data licences

My service subscriptions

My notification subscriptions

EUMETCast Europe

[< back](#)

Requested subscriptions will be activated within the next two working days.

- Meteosat Services
 - 0° MSG Service
 - MSG Rapid Scanning Service (RSS)
 - MSG Indian Ocean Data Coverage (IODC) Service



- The EUMETSAT data access portfolio allows users to meet their various data access needs
- MTG LI and FCI data are and will be accessible in several data access services in several forms
- The new User Portal can be used to access MTG data guides, data service guides and sample code, with other integrated functionalities following up
- Please contact EUMETSAT Helpdesk (ops@eumetsat.int) for any questions



Thank you!

Questions are welcome.