

## **EUMETSAT DATA POLICY**

*Last amended on 01 January 2025*



## **TABLE OF CONTENTS**

### **INTRODUCTION**

### **CHAPTER I - EUMETSAT PRINCIPLES ON DATA POLICY**

Article 1: Basic Principles

### **CHAPTER II - GENERAL PROVISIONS**

Article 2: Catalogue

Article 3: Data Access Services

Article 4: Categorisation of Data and Products

Article 5: Licensing

Article 6: Redistribution and Attribution

Article 7: Ownership and Intellectual Property Rights

Article 8: Liability

Article 9: Revenue

### **CHAPTER III - METEOSAT**

Article 10: Conditions of Access to Recommended Meteosat Data by NMHSs of Member States

Article 11: Conditions of Access to Recommended Meteosat Data by NMHSs of Non-Member States

Article 12: Conditions of Access to Recommended Meteosat Data by Research Projects and for Educational or Personal Use

Article 13: Conditions of Access to Recommended Meteosat Data by ECMWF

Article 14: Conditions of Access to Recommended Meteosat Data by Service Providers, Broadcasters and End Users

Article 15: Conditions of Access to Meteosat DCP Channels

**CHAPTER IV - METOP**

Article 16: Conditions of Access to Recommended Metop Data and Products

**CHAPTER V - OCEAN SURFACE TOPOGRAPHY MISSION/JASON-2, JASON-3 AND JASON-CS/SENTINEL-6**

Article 17: OSTM/Jason-2 Data and Products

Article 18: Jason-3 Data and Products

Article 19: Jason-CS/Sentinel-6 Data and Products

**CHAPTER VI - EUMETSAT SATELLITE APPLICATION FACILITIES**

Article 20: SAF Products

Article 21: SAF Software

Article 22: Recognition

**ANNEX I - FEES APPLICABLE TO NMHSS OF NON-MEMBER STATES FOR ACCESS TO RECOMMENDED METEOSAT DATA WITH A LATENCY OF LESS THAN ONE HOUR FOR OFFICIAL DUTY USE PURPOSES**

Article 1: Principles

Article 2: Current Threshold and Fee Table

**ANNEX II - DEFINITIONS**

## INTRODUCTION

*The EUMETSAT Data Policy establishes the Basic Principles and rules on access to satellite data and products offered by EUMETSAT to users.*

***Chapter I** presents the **Basic Principles** of the EUMETSAT Data Policy. They are the foundation on which the EUMETSAT Data Policy is built. They are generic and apply to all present and future EUMETSAT systems.*

*The provisions in the subsequent Chapters further detail the Basic Principles:*

- Chapter II** consolidates a set of **general provisions** that apply across the EUMETSAT systems;*
- Chapter III and Annex I** set out the access rules applicable **Meteosat** data and products;*
- Chapter IV** sets out the access rules applicable **Metop** data and products;*
- Chapter V** sets out the access rules applicable to data and products from **Jason-2, Jason-3 and Jason-CS/Sentinel-6**;*
- Chapter VI** sets out the access rules applicable to products and software generated by the **EUMETSAT Satellite Application Facilities**.*

*A consolidated list of **definitions** is available in **Annex II**.*



## **CHAPTER I**

### **EUMETSAT PRINCIPLES ON DATA POLICY**

#### **Article 1**

##### **Basic Principles**

1. All EUMETSAT Data and Products as well as Services will be available to the National Meteorological and Hydrological Services (NMHSs) of the Member States for their Official Duty use Without Charge.
2. It is the prerogative of each Member State to define in its national legislation or policy the scope of Official Duty tasks of its NMHS and other Departments within its National Administration, which may include Service Provider and Broadcaster activities. The scope shall respect the Basic Principles set out in this Article and EUMETSAT's ownership and intellectual property rights in Article 7. Each Member State is responsible for declaring the nationally defined scope to EUMETSAT and the user community.
3. Regarding their commercial activities, the NMHSs of the Member States shall be treated in an equivalent way to Service Providers and Broadcasters by EUMETSAT.
4. A set of EUMETSAT Data, Products and Services to be determined by Council will be available to all users on a Free and Unrestricted basis as "Core" data and products in accordance with WMO Resolution 1 (Cg-Ext(2021)).
5. A further set of EUMETSAT Data and Products and Services to be determined by Council will be made available as "Recommended" data and products in accordance with WMO Resolution 1 (Cg-Ext(2021)):
  - a. to NMHSs of non-Member States for their Official Duty use, Without Charge unless specified otherwise;
  - b. for Research Projects, Educational Use and Personal Use, Without Charge;
  - c. to the European Centre for Medium-Range Weather Forecasts (ECMWF) for its own use in support of its mission as defined in the ECMWF Convention, Without Charge;
  - d. to Service Providers, Broadcasters and End Users, against payment of fees unless specified otherwise;
  - e. all other users under conditions defined by Council. These conditions may involve the payment of fees, which Council may waive on a case-by-case basis for specific applications.
6. All efforts shall be undertaken to protect EUMETSAT Data and Products and Services against unauthorised use. Wherever necessary, methods of technical protection of data will be used by EUMETSAT.
7. The provisions of this Data Policy will respect and implement the Basic Principles laid down in this Article.



---

## **CHAPTER II GENERAL PROVISIONS**

### **Article 2 Catalogue**

The Catalogue displayed in the User Portal lists all data and products EUMETSAT makes available to users as well as the related Service(s) to access them.

### **Article 3 Data Access Services**

EUMETSAT uses a suite of Services that allow users to search, discover, view, download, animate, customise, aggregate and receive data and products listed in the Catalogue in accordance with timeliness and operational requirements. These Services include:

|                                            |                                                                                                                                                                                                                                                                           |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EUMETCast Multicast Service                | EUMETSAT's dissemination mechanism for near real-time delivery of satellite data and products to user reception stations within a guaranteed timeliness using satellite networks (EUMETCast Europe and EUMETCast Africa) or terrestrial networks (EUMETCast Terrestrial). |
| EUMETView                                  | Provides functionalities for displaying visualisations and creating maps from EUMETSAT Data and Products, without providing access to original numerical data.                                                                                                            |
| EUMETSAT Data Store                        | Provides access to EUMETSAT Data and Products through an online web interface, and through a suite of Application Programming Interfaces (APIs), incorporating data tailoring capability.                                                                                 |
| EUMETSAT Data Centre                       | Provides a long-term archive of EUMETSAT Data and Products, which can be ordered online. The volume that may be ordered through a single order or through successive orders is limited to avoid an unmanageable load and a consequential degraded level of service.       |
| Metop Direct Dissemination/Readout Service | Provides local user stations with real-time transmission of Metop data, limited to the instantaneous sub-satellite observation.                                                                                                                                           |
| European Weather Cloud (EWC)               | A platform set up by EUMETSAT and ECMWF to provide data access and cloud-based processing capabilities for the European Meteorological Infrastructure (EMI) and their users.                                                                                              |
| WEkEO                                      | An EU Copernicus Data Information and Access Service (DIAS), implemented jointly by EUMETSAT, ECMWF, Mercator Ocean International and the European Environment Agency (EEA), for environmental data, virtual environments for data processing and skilled user support.   |
| Meteosat Data Collection System (DCS)      | Enables Data Collection Platform (DCP) operators to relay environmental data collected from DCP platforms equipped with certified DCP transmitters via dedicated DCP channels on Meteosat satellites.                                                                     |
| Global Telecommunication System (GTS)      | Implemented and operated by NMHSs and international organisations to receive, send and relay weather data and products primarily among each other.                                                                                                                        |

## Article 4

### Categorisation of Data and Products

EUMETSAT Data and Products as well as specific Jason-series data and products are categorised as “Core” or “Recommended”, in accordance with WMO Resolution 1 (Cg-Ext(2021)) terminology and as shown in the following table:

|                               | <b>“Core” Data and Products</b>                                                                                                                                                                                                                                                                                                                                                                                                           | <b>“Recommended” Data</b>                                                                                                                                                                                                                                                                                                                        |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Meteosat-series</b>        | <p>All Level 1 Hourly SEVIRI, FCI and IRS data</p> <p>All SEVIRI, FCI, IRS and LI Derived Products</p> <p>All SEVIRI, FCI, IRS and LI Advanced Image Products</p>                                                                                                                                                                                                                                                                         | <p>All Level 1 SEVIRI, FCI, IRS and LI data with a Latency of more than or equal to 1 hour (Without Charge)</p> <p>All Level 1 SEVIRI, FCI, IRS and LI data with a Latency of less than 1 hour (may be subject to fees)</p>                                                                                                                      |
| <b>Metop-series</b>           | <p>- All Advanced High Rate Picture Transmission (AHRPT) Data</p> <p>- All global and regional Level 1 data from:<br/><u>Metop instruments:</u></p> <ul style="list-style-type: none"> <li>- - MHS</li> <li>- - GRAS</li> <li>- - GOME-2</li> </ul> <p><u>Metop-SG instruments:</u></p> <ul style="list-style-type: none"> <li>- - METImage</li> <li>- - MWS</li> <li>- - RO</li> </ul> <p>- All global and regional Derived Products</p> | <p>All global and regional Level 1 data from:</p> <p><u>Metop instruments:</u></p> <ul style="list-style-type: none"> <li>- ASCAT</li> <li>- IASI</li> </ul> <p><u>Metop-SG instruments:</u></p> <ul style="list-style-type: none"> <li>- SCA</li> <li>- IASI-NG</li> <li>- MWI</li> <li>- 3MI</li> <li>- ICI</li> </ul> <p>(Without Charge)</p> |
| <b>OSTM / Jason-2 Jason-3</b> | All data and products                                                                                                                                                                                                                                                                                                                                                                                                                     | N/A                                                                                                                                                                                                                                                                                                                                              |

## **Article 5**

### **Licensing**

1. Access to Core Data and Products is granted to all users world-wide on a Free and Unrestricted basis under a CC-BY-4.0 licence, regardless of when and how these are made available to the user.
2. Access to Recommended Data is subject to licensing by EUMETSAT and, in specific cases, a fee as set out in Article 14 and Annex I.
3. EUMETSAT will provide the NMHSs of Member States and of non-Member States with information on licences for access to Recommended Data within their respective National Territories upon request.

## **Article 6**

### **Redistribution and Attribution**

1. Users may redistribute all Core Data and Products.
2. Unless explicitly authorised in specific provisions of this Data Policy [currently Article 10.2, Article 14.3, Article 16.2 and Article 16.4.] or by separate decision of Council, redistribution of the original numerical data of Recommended Data is prohibited. For the purposes of this Data Policy, references to “any use” shall not include “redistribution” or any other act of granting Third Parties access to the original numerical data of Recommended Data.
3. Users are required to include the following attribution to EUMETSAT in relation to EUMETSAT Data and Products, adapted as appropriate: “[Contains modified] EUMETSAT [Meteosat/Metop] [data/product] [Year of publication or distribution]”.

## **Article 7**

### **Ownership and Intellectual Property Rights**

1. EUMETSAT holds the full ownership and intellectual property rights to all EUMETSAT Data and Products and SAF software.
2. The intellectual property rights to Value Added Services, including the generation of images based on EUMETSAT Data and Products, are considered to be owned by the Service Provider or Broadcaster generating the Value Added Service.
3. Ownership of and intellectual property rights to any third party software reused in SAF software packages remain with the originator of this software.
4. EUMETSAT holds the full ownership and utilisation rights to the Meteosat DCP Channels and has full control over access to these Channels.
5. Ownership of and intellectual property rights to the data transmitted by the Meteosat DCP Channels are deemed to remain with the originator of the data.

## **Article 8**

### **Liability**

1. EUMETSAT shall not be liable for the cost of procuring the necessary equipment of any user to access, receive and/or use any EUMETSAT Data, Products and Services. Decryption key units may be provided by EUMETSAT without costs. Users may be required to reimburse EUMETSAT for the cost of providing them with more than one of the decryption key units that may be required for the reception of EUMETSAT Data, at the discretion of the Director-General. The number of decryption key units may be limited to avoid an unmanageable load and a consequential degraded level of service.
2. EUMETSAT offers no warranty in respect of the accuracy, completeness, properties, quality, or fitness for use or purpose of any of the EUMETSAT Data and Products or Services provided or of any decryption equipment required to access, receive and/or use any EUMETSAT Data and Products or Services. EUMETSAT shall not be held liable for (i) any damage derived from the use of EUMETSAT Data and Products or Services or of the decryption equipment; or (ii) any adaptations to any other equipment or software used by users or for the interface between such adaptations and the decryption equipment.

## **Article 9**

### **Revenue**

All income arising from the implementation of the EUMETSAT Data Policy shall be included under a separate budget line into the annual EUMETSAT Budget on the basis of an estimate and shall be treated in accordance with the EUMETSAT Financial Rules.

## **CHAPTER III**

### **METEOSAT**

*The EUMETSAT Meteosat-series of geostationary satellites provide data for the early detection of fast-developing severe weather, weather forecasting and climate monitoring over Europe, Africa and the Indian Ocean.*

*Meteosat First Generation was retired in 2017. Historical data is listed in the Catalogue and available in the Data Centre.*

*Meteosat Second Generation (MSG) satellites are operated as a two-satellite system. The Spinning Enhanced Visible Infrared Imager (SEVIRI), the primary instrument of MSG satellites, provides detailed full disc imagery over Europe and Africa every 15 minutes and rapid scan imagery over Europe every five minutes. As a best effort contribution to multi-partner Indian Ocean Data Coverage (IODC) services, one MSG satellite is located over the Indian Ocean.*

*The complete Meteosat Third Generation (MTG) constellation, once fully deployed, will consist of a three-satellite system: two imaging satellites and one sounding satellite. The MTG-Imager (MTG-I) satellites will host the Flexible Combined Imager (FCI, the successor of SEVIRI) and the Lightning Imager (LI) instruments. The MTG-Sounder (MTG-S) satellite will fly the InfraRed Sounder (IRS) instrument and host the Copernicus Sentinel-4 Ultraviolet Visible Near-infrared (UVN) spectrometer instrument. FCI will provide detailed full disc imagery over Europe and Africa every 10 minutes and rapid scan imagery over Europe every 2.5 minutes. LI will provide real-time data on the location and intensity of lightning flashes. IRS will track the 3-dimensional structure of atmospheric water vapour and temperature in four separate so-called “Local Area Coverage” or “LAC” zones that are scanned. The Europe LAC is observed every 30 minutes. Every LAC takes 15 minutes to be fully acquired.*

*It is noted that the Copernicus Data Policy will apply to Sentinel-4 data and products.*

### **Article 10**

#### **Conditions of Access to Recommended Meteosat Data by NMHSs of Member States**

1. All Recommended Meteosat Data will be available to the NMHSs of Member States for Official Duty use Without Charge.
2. The NMHSs of Member States may grant access to Recommended Meteosat Data to other Departments within their respective National Administration and other entities to whom Official Duty tasks have been delegated, insofar as such access is required in the exercise of their respective Official Duty tasks. The arrangements under which the NMHSs grant access shall (i) authorise use of the data for Official Duty purposes only, (ii) exclude the right of redistribution of the original numerical data to Third Parties and (iii) comply with national legislation and/or policy as well as with this Data Policy.
3. Redistribution of the original numerical data by the NMHSs of Member States to entities other than those mentioned, and for a purpose other than the one foreseen, in paragraph 2 above is prohibited.
4. NMHSs of Member States, other Departments within their respective National Administrations and other entities to whom Member States have delegated tasks that use Recommended Meteosat Data outside the scope of their Official Duty tasks for commercial activities shall be treated in the same way as Service Providers and Broadcasters in Article 14 below, including the related fees and conditions.

### **Article 11**

#### **Conditions of Access to Recommended Meteosat Data by NMHSs of Non-Member States**

1. All NMHSs of non-Member States will have access to Recommended Meteosat Data with a Latency of more than or equal to 1 hour Without Charge for any use.
2. NMHSs of non-Member States will have access to Recommended Meteosat Data with a Latency of less than 1 hour for Official Duty use. A fee may be charged in accordance with the conditions specified in Annex II.
3. NMHSs of non-Member States that provide EUMETSAT with equivalent satellite data will be provided data under conditions to be agreed by the EUMETSAT Council on a case-by-case basis.
4. For limited periods, to support the monitoring of disasters or emergencies and in accordance with relevant UN resolutions, the full set of Meteosat Data will be made available to NMHSs of non-Member States Without Charge.
5. NMHSs of non-Member States that are subject to tropical cyclones will have access to all Recommended Meteosat Data for Official Duty use Without Charge.
6. Regarding their commercial activities, the NMHSs of non-Member States shall be treated in the same way as Service Providers and Broadcasters, in accordance with the fees and conditions listed in Article 14.2 below.

### **Article 12**

#### **Conditions of Access to Recommended Meteosat Data by Research Projects and for Educational or Personal Use**

1. Research Projects, Educational Users and Personal Users will have access Without Charge to Recommended Meteosat Data with a Latency of more than or equal to 1 hour for any use.
2. Research Projects, Educational Users and Personal Users will have access Without Charge to Recommended Meteosat Data with a Latency of less than 1 hour. In addition to the non-redistribution rule laid down in Article 6.2 above, operational and commercial use, including Broadcasting in any form, is prohibited.

### **Article 13**

#### **Conditions of Access to Recommended Meteosat Data by ECMWF**

1. ECMWF will have access Without Charge to Recommended Meteosat Data with a Latency of more than or equal to 1 hour for any use.
2. ECMWF will have access Without Charge to Recommended Meteosat Data with a Latency of less than 1 hour for its own use in support of its mission, as defined in the ECMWF Convention. This use only covers activities carried out within the ECMWF Secretariat and excludes any redistribution of the original numerical data, including to its Member States.

**Article 14**  
**Conditions of Access to Recommended Meteosat Data by Service Providers,  
Broadcasters and End Users**

1. Service Providers, Broadcasters and End Users will have access to Recommended Meteosat Data with a Latency of more than or equal to 1 hour Without Charge for any use.
2. Service Providers, Broadcasters and End Users will have access to Recommended Meteosat Data with a Latency of less than 1 hour against the following annual flat fees:

|                   |           |
|-------------------|-----------|
| End Users         | EUR 4,000 |
| Service Providers | EUR 8,000 |
| Broadcasters      |           |

Fees will be reviewed by the EUMETSAT Council at regular intervals in light of experience.

3. Licences to Service Providers and Broadcasters will allow redistribution of the original numerical data to:
  - a. their respective Subsidiaries; and
  - b. another Service Provider or Broadcaster, as applicable, only if this other Service Provider or Broadcaster has the appropriate licence with EUMETSAT.

In all other cases, the non-redistribution rule laid down in Article 6.2 above applies.

4. Service Providers and Broadcasters shall be free to establish prices when supplying Value Added Services to their users and have the right to make their Value Added Services available to users without territorial restriction.

**Article 15**  
**Conditions of Access to Meteosat DCP Channels**

1. Access to Meteosat DCP Channels is available at no cost to NMHSs of Member States for their Official Duty use, provided their messages are also made available through the GTS and discoverable in the WMO Information System (WIS).
2. Access to Meteosat DCP Channels is available at no cost to NMHSs of non-Member States, WMO and ECMWF for their meteorological, geophysical and hydrological messages, provided these messages are also made available through the GTS and discoverable in WIS.

## **CHAPTER IV**

### **METOP**

#### *EUMETSAT Polar System – First Generation (EPS)*

*The EPS system consists of (i) a series of Metop first generation satellites comprising instruments of EUMETSAT and the U.S. National Oceanic and Atmospheric Administration (NOAA) and (ii) a ground segment.*

*The EUMETSAT instruments are the Microwave Humidity Sounder (MHS), Infrared Atmospheric Sounding Interferometer (IASI), Advanced Scatterometer (ASCAT), Global Ozone Monitoring Experiment-2 (GOME-2) and the Global Navigation Satellite System Receiver for Atmospheric Sounding (GRAS).*

*The NOAA meteorological instruments are the Advanced Very High Resolution Radiometer (AVHRR), Advanced Microwave Sounding Unit-A (AMSU-A) and the High Resolution Infrared Radiation Sounder (HIRS).*

*In accordance with related agreements between EUMETSAT and NOAA establishing joint systems, EUMETSAT is entitled to establish access conditions for all data from the Metop satellites. However, EUMETSAT will not control access to the data from the NOAA instruments on the Metop satellites, unless in cases of data denial, as requested by NOAA.*

*Data denial means that in case of a crisis or war situation, EUMETSAT may be requested by NOAA to deny access to direct-readout NOAA instrument data or global/regional products derived from the US instruments on the Metop first generation satellites.*

*In these situations, only authorised users will continue to receive these data. During data denial, re-distribution by authorised users of data from NOAA instruments to any unauthorised third party is prohibited. In principle, data denial will not be implemented for more than 120 days, unless explicitly extended.*

#### *EUMETSAT Polar System - Second Generation (EPS-SG)*

*A second generation of Metop satellites will operate in three successive pairs and carry EUMETSAT instruments as well as the EU Copernicus Sentinel-5 instrument.*

*The EUMETSAT instruments are the Scatterometer (SCA), Infrared Atmospheric Sounding Interferometer – New Generation (IASI-NG), MicroWave Imaging (MWI), Multi-viewing, channel, polarisation Imaging (3MI), Ice Cloud Imager (ICI), Micro-wave Sounder (MWS), METimage, Radio Occultation (RO).*

*It is noted that the Copernicus Data Policy will apply to Sentinel-5 data and products.*

**Article 16**  
**Conditions of Access to Recommended Metop Data and Products**

1. Access to Recommended Metop Data and Products is granted to all users Without Charge for any use.
2. The NMHSs of Member States may grant access to Recommended Metop Data to other Departments within their respective National Administration and other entities to whom Official Duty tasks have been delegated, insofar as such access is required in the exercise of their respective Official Duty tasks. The arrangements under which the NMHSs grant access shall (i) authorise use of the data for Official Duty purposes only, (ii) exclude the right of redistribution of the original numerical data to Third Parties and (iii) comply with national legislation and/or policy as well as with this Data Policy.
3. Redistribution of the original numerical data by the NMHSs of Member States to entities other than those mentioned, and for a purpose other than the one foreseen, in paragraph 2 above is prohibited.
4. Licences to Service Providers and Broadcasters holding a valid licence for Recommended Meteosat Data in accordance with Article 14 above will allow redistribution of the original numerical data to:
  - a. their respective Subsidiaries; and
  - b. another Service Provider or Broadcaster, as applicable, only if this other Service Provider or Broadcaster has the appropriate licence with EUMETSAT.

In all other cases, the non-redistribution rule laid down in Article 6.2 above applies.

## **CHAPTER V**

### **OCEAN SURFACE TOPOGRAPHY MISSION/JASON-2, JASON-3 AND JASON-CS/SENTINEL-6**

*The Jason missions provide data and products in support of marine meteorology, operational seasonal forecasting, operational oceanographic services and the operational monitoring of climate. They are the result of international partnerships among EUMETSAT, CNES, NOAA, NASA, ESA and the EU.*

*The Jason satellites fulfil a key role as the reference mission against which ocean altimeters on board other satellites, such as Sentinel-3, are calibrated.*

*The Ocean Surface Topography Mission (OSTM)/Jason-2 satellite was decommissioned in 2019. All OSTM/Jason-2 data and products are available in the EUMETSAT Data Centre.*

*Jason-3 was launched in 2016 its main instrument is a radar altimeter that provides measurements of sea surface height, wind speed at the ocean surface and significant wave height. The satellite also carries the following instruments: Doppler Orbitography and Radiopositioning Integrated by Satellite (DORIS), Advanced Microwave Radiometer-2 (AMR-2) and Global Positioning System Payload (GPSP).*

*The Jason-CS/Sentinel-6 mission is carried out by two recurrent satellites. The first satellite was launched in 2020 and carries six instruments for the radar altimetry mission (radar altimeter Poseidon-4; Advanced Microwave Radiometer (AMR-C); DORIS receiver; GNSS-Precise Orbit Determination; Laser Retro-reflector Array (LRA); and Radiation Environment Monitor (REM)) and a GNSS-Radio Occultation instrument for the radio occultation mission. The second satellite is planned for launch in 2025.*

**Article 17**  
**OSTM/Jason-2 Data and Products**

All OSTM/Jason-2 data and products are Core Data and Products.

**Article 18**  
**Jason-3 Data and Products**

All Jason-3 data and products are Core Data and Products.

**Article 19**  
**Jason-CS/Sentinel-6 Data and Products**

The Jason-CS/Sentinel-6 data and products are made available to all users on a full, free, open and unrestricted basis.

## **CHAPTER VI**

### **EUMETSAT SATELLITE APPLICATION FACILITIES**

*The EUMETSAT Satellite Application Facilities (SAFs) are dedicated centres of excellence for processing satellite data and form an integral part of the distributed EUMETSAT Application Ground Segment. Each SAF consists of a consortium, headed by a SAF Host and a number of Cooperating Entities. The SAFs use data from meteorological satellites both in geostationary and polar orbit to generate near real-time products, offline products, and software products.*

*There are currently eight SAFs providing products and software for distribution to users on an operational basis:*

- *Nowcasting and Very Short Range Forecasting (NWC SAF)*
- *Ocean and Sea Ice (OSI SAF)*
- *Climate Monitoring (CM SAF)*
- *Numerical Weather Prediction (NWP SAF)*
- *Land Surface Analysis (LSA SAF)*
- *Atmospheric Composition Monitoring (AC SAF)*
- *Radio-Occultation Meteorology (ROM SAF)*
- *Support to Operational Hydrology and Water Management (H SAF)*

## **Article 20 SAF Products**

All SAF products are categorised as “Core” products.

## **Article 21 SAF Software**

1. Access to SAF software is granted to all users Without Charge and against signature of a licence agreement.
2. SAF software may not be redistributed.
3. The SAF Host generating a SAF software is responsible for licensing the relevant software on behalf of EUMETSAT.

## **Article 22 Recognition**

Without prejudice to Article 6.3 above, due recognition shall be given to the respective roles of the SAF Host, the Cooperating Entities and EUMETSAT in the establishment of SAF-generated products and software.

## ANNEX I

### FEES APPLICABLE TO NMHSS OF NON-MEMBER STATES FOR ACCESS TO RECOMMENDED METEOSAT DATA WITH A LATENCY OF LESS THAN ONE HOUR FOR OFFICIAL DUTY USE PURPOSES

#### Article 1 Principles

1. NMHSS of non-Member States with a GNI per capita below or equal to the “Upper Middle Income” value shall have access to all Recommended Meteosat Data with a Latency of less than one hour for Official Duty use purposes Without Charge.
2. NMHSS of non-Member States with a GNI per capita above the “Upper Middle Income” value shall have access to the Recommended Meteosat Data with a Latency of less than one hour for Official Duty use purposes against payment of EUR 100,000 per year.
3. The “Upper Middle Income” value and the fee table in Article 2 below shall be updated by the EUMETSAT Secretariat every 2 years on the basis of World Bank statistics. Should the figures in the table prove to be erroneous or incomplete, the Director-General shall make appropriate recommendations to Council on a case-by-case basis.

#### Article 2 Current Threshold and Fee Table

1. The Upper Middle Income value applicable for the period 2025-2026 is USD 10,549.
2. The following Annual Fee Table is valid for the period 2025-2026.

| <b><u>ANNUAL FEE TABLE 2025-2026</u></b>                                                                                                                            |                                    |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------|
| <b>APPLICABLE TO NMHSS OF NON-MEMBER STATES FOR ACCESS TO<br/>RECOMMENDED METEOSAT DATA WITH A LATENCY OF LESS THAN ONE<br/>HOUR FOR OFFICIAL DUTY USE PURPOSES</b> |                                    |                               |
| <b>Country</b>                                                                                                                                                      | <b>GNI/C</b>                       | <b>Annual fee in<br/>KEUR</b> |
| Afghanistan                                                                                                                                                         | estimated to be low income         | 0                             |
| Albania                                                                                                                                                             | 6770                               | 0                             |
| Algeria                                                                                                                                                             | 3920                               | 0                             |
| <b>Andorra</b>                                                                                                                                                      | <b>estimated to be high income</b> | <b>100</b>                    |
| Angola                                                                                                                                                              | 1880                               | 0                             |
| <b>Antigua and Barbuda</b>                                                                                                                                          | <b>19050</b>                       | <b>100</b>                    |
| <b>Argentina</b>                                                                                                                                                    | <b>11590</b>                       | <b>100</b>                    |
| Armenia                                                                                                                                                             | 5960                               | 0                             |
| <b>Australia</b>                                                                                                                                                    | <b>60840</b>                       | <b>100</b>                    |
| Azerbaijan                                                                                                                                                          | 5660                               | 0                             |
| <b>Bahamas, The</b>                                                                                                                                                 | <b>31520</b>                       | <b>100</b>                    |
| <b>Bahrain</b>                                                                                                                                                      | <b>27720</b>                       | <b>100</b>                    |
| Bangladesh                                                                                                                                                          | 2820                               | 0                             |
| <b>Barbados</b>                                                                                                                                                     | <b>19490</b>                       | <b>100</b>                    |
| Belarus                                                                                                                                                             | 7210                               | 0                             |
| Belize                                                                                                                                                              | 6630                               | 0                             |
| Benin                                                                                                                                                               | 1400                               | 0                             |

| <b>ANNUAL FEE TABLE 2025-2026</b>                                                                                                                           |                                     |                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------|
| <b>APPLICABLE TO NMHSS OF NON-MEMBER STATES FOR ACCESS TO RECOMMENDED METEOSAT DATA WITH A LATENCY OF LESS THAN ONE HOUR FOR OFFICIAL DUTY USE PURPOSES</b> |                                     |                           |
| <b>Country</b>                                                                                                                                              | <b>GNI/C</b>                        | <b>Annual fee in KEUR</b> |
| Bhutan                                                                                                                                                      | estimated to be lower middle income | 0                         |
| Bolivia                                                                                                                                                     | 3490                                | 0                         |
| Bosnia and Herzegovina                                                                                                                                      | 7660                                | 0                         |
| Botswana                                                                                                                                                    | 7430                                | 0                         |
| Brazil                                                                                                                                                      | 8140                                | 0                         |
| <b>British Virgin Islands</b>                                                                                                                               | <b>estimated to be high income</b>  | <b>100</b>                |
| <b>Brunei Darussalam</b>                                                                                                                                    | <b>31410</b>                        | <b>100</b>                |
| Burkina Faso                                                                                                                                                | 850                                 | 0                         |
| Burundi                                                                                                                                                     | 240                                 | 0                         |
| Cabo Verde                                                                                                                                                  | 3950                                | 0                         |
| Cambodia                                                                                                                                                    | 1690                                | 0                         |
| Cameroon                                                                                                                                                    | 1640                                | 0                         |
| <b>Canada</b>                                                                                                                                               | <b>52960</b>                        | <b>100</b>                |
| <b>Cayman Islands</b>                                                                                                                                       | <b>estimated to be high income</b>  | <b>100</b>                |
| Central African Republic                                                                                                                                    | 480                                 | 0                         |
| Chad                                                                                                                                                        | 690                                 | 0                         |
| <b>Chile</b>                                                                                                                                                | <b>15360</b>                        | <b>100</b>                |
| <b>China</b>                                                                                                                                                | <b>12850</b>                        | <b>100</b>                |
| Colombia                                                                                                                                                    | 6500                                | 0                         |
| Comoros                                                                                                                                                     | 1610                                | 0                         |
| Congo, Dem. Rep.                                                                                                                                            | 610                                 | 0                         |
| Congo, Rep.                                                                                                                                                 | 2290                                | 0                         |
| <b>Costa Rica</b>                                                                                                                                           | <b>12920</b>                        | <b>100</b>                |
| Cote d'Ivoire                                                                                                                                               | 2620                                | 0                         |
| Cuba                                                                                                                                                        | estimated to be upper middle income | 0                         |
| <b>Curacao</b>                                                                                                                                              | <b>estimated to be high income</b>  | <b>100</b>                |
| <b>Cyprus</b>                                                                                                                                               | <b>31520</b>                        | <b>100</b>                |
| Djibouti                                                                                                                                                    | 3310                                | 0                         |
| Dominica                                                                                                                                                    | 8430                                | 0                         |
| Dominican Republic                                                                                                                                          | 9050                                | 0                         |
| Ecuador                                                                                                                                                     | 6300                                | 0                         |
| Egypt                                                                                                                                                       | 4100                                | 0                         |
| El Salvador                                                                                                                                                 | 4720                                | 0                         |
| Eritrea                                                                                                                                                     | estimated to be low income          | 0                         |
| Eswatini                                                                                                                                                    | 3750                                | 0                         |
| Ethiopia                                                                                                                                                    | 1020                                | 0                         |
| Fiji                                                                                                                                                        | 5390                                | 0                         |
| Gabon                                                                                                                                                       | 7530                                | 0                         |
| Gambia, The                                                                                                                                                 | 800                                 | 0                         |
| Georgia                                                                                                                                                     | 5600                                | 0                         |
| Ghana                                                                                                                                                       | 2380                                | 0                         |
| Guatemala                                                                                                                                                   | 5350                                | 0                         |
| Guinea                                                                                                                                                      | 1190                                | 0                         |
| Guinea-Bissau                                                                                                                                               | 820                                 | 0                         |
| <b>Guyana</b>                                                                                                                                               | <b>14920</b>                        | <b>100</b>                |
| Haiti                                                                                                                                                       | 1610                                | 0                         |
| Honduras                                                                                                                                                    | 2750                                | 0                         |
| <b>Hong Kong SAR, China</b>                                                                                                                                 | <b>54370</b>                        | <b>100</b>                |

| <b><u>ANNUAL FEE TABLE 2025-2026</u></b>                                                                                                                            |                                     |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------|
| <b>APPLICABLE TO NMHSS OF NON-MEMBER STATES FOR ACCESS TO<br/>RECOMMENDED METEOSAT DATA WITH A LATENCY OF LESS THAN ONE<br/>HOUR FOR OFFICIAL DUTY USE PURPOSES</b> |                                     |                               |
| <b>Country</b>                                                                                                                                                      | <b>GNI/C</b>                        | <b>Annual fee in<br/>KEUR</b> |
| India                                                                                                                                                               | 2390                                | 0                             |
| Indonesia                                                                                                                                                           | 4580                                | 0                             |
| Iran                                                                                                                                                                | 3980                                | 0                             |
| Iraq                                                                                                                                                                | 5270                                | 0                             |
| <b>Israel</b>                                                                                                                                                       | <b>55140</b>                        | <b>100</b>                    |
| Jamaica                                                                                                                                                             | 5760                                | 0                             |
| <b>Japan</b>                                                                                                                                                        | <b>42440</b>                        | <b>100</b>                    |
| Jordan                                                                                                                                                              | 4350                                | 0                             |
| Kazakhstan                                                                                                                                                          | 9620                                | 0                             |
| Kenya                                                                                                                                                               | 2170                                | 0                             |
| Kiribati                                                                                                                                                            | 2810                                | 0                             |
| Korea, Dem. People's Rep.                                                                                                                                           | estimated to be low income          | 0                             |
| <b>Korea, Rep.</b>                                                                                                                                                  | <b>36190</b>                        | <b>100</b>                    |
| <b>Kuwait</b>                                                                                                                                                       | <b>40600</b>                        | <b>100</b>                    |
| Kyrgyz Republic                                                                                                                                                     | 1440                                | 0                             |
| Lao                                                                                                                                                                 | 2310                                | 0                             |
| Lebanon                                                                                                                                                             | estimated to be lower middle income | 0                             |
| Lesotho                                                                                                                                                             | 1230                                | 0                             |
| Liberia                                                                                                                                                             | 680                                 | 0                             |
| Libya                                                                                                                                                               | 7260                                | 0                             |
| <b>Macao SAR, China</b>                                                                                                                                             | <b>43680</b>                        | <b>100</b>                    |
| Madagascar                                                                                                                                                          | 510                                 | 0                             |
| Malawi                                                                                                                                                              | 640                                 | 0                             |
| <b>Malaysia</b>                                                                                                                                                     | <b>11830</b>                        | <b>100</b>                    |
| <b>Maldives</b>                                                                                                                                                     | <b>10880</b>                        | <b>100</b>                    |
| Mali                                                                                                                                                                | 850                                 | 0                             |
| <b>Malta</b>                                                                                                                                                        | <b>32860</b>                        | <b>100</b>                    |
| Mauritania                                                                                                                                                          | 2080                                | 0                             |
| Mauritius                                                                                                                                                           | 10360                               | 0                             |
| <b>Mexico</b>                                                                                                                                                       | <b>10820</b>                        | <b>100</b>                    |
| Micronesia                                                                                                                                                          | 4140                                | 0                             |
| Moldova                                                                                                                                                             | 5500                                | 0                             |
| <b>Monaco</b>                                                                                                                                                       | <b>estimated to be high income</b>  | <b>100</b>                    |
| Mongolia                                                                                                                                                            | 4260                                | 0                             |
| Montenegro                                                                                                                                                          | 10480                               | 0                             |
| Morocco                                                                                                                                                             | 3670                                | 0                             |
| Mozambique                                                                                                                                                          | 440                                 | 0                             |
| Myanmar                                                                                                                                                             | 1270                                | 0                             |
| Namibia                                                                                                                                                             | 5010                                | 0                             |
| <b>Nauru</b>                                                                                                                                                        | <b>17800</b>                        | <b>100</b>                    |
| Nepal                                                                                                                                                               | 1340                                | 0                             |
| <b>New Zealand</b>                                                                                                                                                  | <b>49090</b>                        | <b>100</b>                    |
| Nicaragua                                                                                                                                                           | 2090                                | 0                             |
| Niger                                                                                                                                                               | 580                                 | 0                             |
| Nigeria                                                                                                                                                             | 2160                                | 0                             |
| North Macedonia                                                                                                                                                     | 6660                                | 0                             |
| <b>Oman</b>                                                                                                                                                         | <b>20020</b>                        | <b>100</b>                    |
| Pakistan                                                                                                                                                            | 1560                                | 0                             |

| <b>ANNUAL FEE TABLE 2025-2026</b>                                                                                                                                   |                                       |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------|
| <b>APPLICABLE TO NMHSS OF NON-MEMBER STATES FOR ACCESS TO<br/>RECOMMENDED METEOSAT DATA WITH A LATENCY OF LESS THAN ONE<br/>HOUR FOR OFFICIAL DUTY USE PURPOSES</b> |                                       |                               |
| <b>Country</b>                                                                                                                                                      | <b>GNI/C</b>                          | <b>Annual fee in<br/>KEUR</b> |
| <b>Panama</b>                                                                                                                                                       | <b>16960</b>                          | <b>100</b>                    |
| Papua New Guinea                                                                                                                                                    | 2700                                  | 0                             |
| Paraguay                                                                                                                                                            | 5920                                  | 0                             |
| Peru                                                                                                                                                                | 6740                                  | 0                             |
| Philippines                                                                                                                                                         | 3950                                  | 0                             |
| <b>Qatar</b>                                                                                                                                                        | <b>70120</b>                          | <b>100</b>                    |
| <b>Russian Federation</b>                                                                                                                                           | <b>12750</b>                          | <b>100</b>                    |
| Rwanda                                                                                                                                                              | 930                                   | 0                             |
| Samoa                                                                                                                                                               | 3660                                  | 0                             |
| Sao Tome and Principe                                                                                                                                               | 2400                                  | 0                             |
| <b>Saudi Arabia</b>                                                                                                                                                 | <b>27680</b>                          | <b>100</b>                    |
| Senegal                                                                                                                                                             | 1620                                  | 0                             |
| Serbia                                                                                                                                                              | 9290                                  | 0                             |
| <b>Seychelles</b>                                                                                                                                                   | <b>12010</b>                          | <b>100</b>                    |
| Sierra Leone                                                                                                                                                        | 600                                   | 0                             |
| <b>Singapore</b>                                                                                                                                                    | <b>67200</b>                          | <b>100</b>                    |
| Solomon Islands                                                                                                                                                     | 2210                                  | 0                             |
| Somalia                                                                                                                                                             | 600                                   | 0                             |
| South Africa                                                                                                                                                        | 6780                                  | 0                             |
| South Sudan                                                                                                                                                         | estimated to be low income            | 0                             |
| Sri Lanka                                                                                                                                                           | 3610                                  | 0                             |
| Sudan                                                                                                                                                               | 760                                   | 0                             |
| Suriname                                                                                                                                                            | 4970                                  | 0                             |
| Syria                                                                                                                                                               | estimated to be low income            | 0                             |
| Tajikistan                                                                                                                                                          | 1210                                  | 0                             |
| Tanzania                                                                                                                                                            | 1200                                  | 0                             |
| Thailand                                                                                                                                                            | 7230                                  | 0                             |
| Timor-Leste                                                                                                                                                         | 1980                                  | 0                             |
| Togo                                                                                                                                                                | 1010                                  | 0                             |
| Tonga                                                                                                                                                               | estimated to be upper middle income   | 0                             |
| <b>Trinidad and Tobago</b>                                                                                                                                          | <b>16190</b>                          | <b>100</b>                    |
| Tunisia                                                                                                                                                             | 3830                                  | 0                             |
| Turkmenistan                                                                                                                                                        | estimated to be upper middle income   | 0                             |
| <b>Turks and Caicos Islands</b>                                                                                                                                     | <b>25240</b>                          | <b>100</b>                    |
| Tuvalu                                                                                                                                                              | 7160                                  | 0                             |
| Uganda                                                                                                                                                              | 930                                   | 0                             |
| Ukraine                                                                                                                                                             | 4260                                  | 0                             |
| <b>United Arab Emirates</b>                                                                                                                                         | <b>49160</b>                          | <b>100</b>                    |
| <b>United States</b>                                                                                                                                                | <b>76770</b>                          | <b>100</b>                    |
| <b>Uruguay</b>                                                                                                                                                      | <b>18000</b>                          | <b>100</b>                    |
| Uzbekistan                                                                                                                                                          | 2190                                  | 0                             |
| Vanuatu                                                                                                                                                             | 3650                                  | 0                             |
| Venezuela                                                                                                                                                           | [estimated to be lower middle income] | 0                             |
| Viet Nam                                                                                                                                                            | 4010                                  | 0                             |
| Yemen                                                                                                                                                               | estimated to be low income            | 0                             |
| Zambia                                                                                                                                                              | 1240                                  | 0                             |
| Zimbabwe                                                                                                                                                            | 1710                                  | 0                             |

---

## ANNEX II

### DEFINITIONS

#### I. Terms

**“Advanced High Rate Picture Transmission (AHRPT) Data”**: All local raw data generated by all instruments on-board Metop satellites, transmitted by a Metop satellite in full resolution and in real-time through the Direct Readout/Broadcast Service.

**“Advanced Image Product”**: the combination of different channels allocating a colour to each channel (i.e. RGB), visualisations of individual channels (e.g. used in Web Map Services) or the mathematical blending of several image layers. These (typically Level 2) products do not contain the original numerical data.

**“Broadcasters”**: those users who disseminate data and products or Value Added Services through electronic public information systems including, but not limited to, Internet, terrestrial and satellite transmissions.

**“Catalogue”**: as defined in Article 2 EUMETSAT Data Policy.

**“Core”**: EUMETSAT Data and Products that Council declares as “Core” in accordance with WMO Resolution 1 (Cg-Ext(2021)), meaning that access is granted to all users world-wide on a Free and Unrestricted basis, regardless of when and how they are made available to the user.

**“Derived Products”**: any product derived from Level 1 EUMETSAT data and disseminated to users in formats corresponding to WMO coding requirements. These (typically Level 2) products do not contain the original numerical data and include all products generated by the EUMETSAT ground segment and the EUMETSAT Satellite Application Facilities (SAFs).

**“Educational Use”**: any use of data and products solely for educational non-commercial purposes, without transmission or redistribution of the original numerical data to any further Third Party, or use of the data or product to generate a Value Added Service.

**“End Users”**: those users who use data and products for their own commercial or industrial purposes and do not pass on the original numerical data to any further Third Party or use the data or product to generate a Value Added Service.

**“EUMETSAT Data and Products”**: all Meteosat Data and Metop Data, all Derived Products and all Advanced Image Products.

**“Free and Unrestricted”** means available Without Charge for any kind of use, re-use and sharing, including redistribution, and with no conditions on use.

**“Hourly Data”**: those nominal full disk repeat cycles of data referenced by EUMETSAT in time to each clock hour (UTC).

**“Latency”**: the difference between the time reference attached by EUMETSAT to its satellite data and the availability of that data for user access under a given Service.

**“Member States”**: the States that are parties to the Convention for the Establishment of a European Organisation for the Exploitation of Meteorological Satellites.

**“Meteosat Data”**: All data generated by Meteosat-series instruments, excluding EU Copernicus Sentinel-4.

**“Meteosat DCP”**: Data Collection Platform for the use of Meteosat DCP Channels.

**“Meteosat DCP Channels”**: Dedicated Meteosat Channels of communication operating at a radio frequency reserved for meteorological data collection.

**“Metop Data”**: All data generated by Metop-series instruments, excluding NOAA instruments and EU Copernicus Sentinel-5.

**“National Meteorological and Hydrological Service (NMHS)”**: service responsible at national level, in conformity with its legal status, for the gathering, classification and production of meteorological information in the national interest, and responsible at international level for participating in WMO programmes.

**“National Territory(ies)”**: the national territory of a state, including its internal waters, its archipelagic waters, its territorial sea and its exclusive economic zone, as defined in the United Nations Convention on the Law of the Sea (UNCLOS) signed in Montego Bay on 10 December 1982 and having entered into force on 16 November 1994.

**“Official Duty”**: all activities which take place within the organisation of a NMHS and external activities of a NMHS resulting from legal, governmental or intergovernmental requirements relating to defence, civil aviation and the safety of life and property.

**“Personal Use”**: any use of data and products solely for personal non-commercial purposes, without transmission or redistribution of the original numerical data to any further Third Party, or use of the data and products to generate a Value Added Service.

**“Recommended”**: EUMETSAT Data and Products that Council declares as “Recommended” in accordance with WMO Resolution 1 (Cg-Ext(2021)), meaning that access is subject to licensing by EUMETSAT and, in specific cases, a fee.

**“Research Project”**: any time-bound project organised for non-commercial research purposes only. A necessary condition for the recognition of non-commercial purposes is that all the results obtained are openly available at delivery costs only, without any delay linked to commercial objectives, and that the research itself is submitted for open publication.

**“Satellite Application Facilities (SAFs)”**: dedicated centres of excellence for processing satellite data and forming an integral part of the distributed EUMETSAT application ground segment.

**“Service(s)”**: a data access service used by EUMETSAT that allows users to search, discover, view, download, animate, customise, aggregate and/or receive data and products listed in the Catalogue in accordance with timeliness and operational requirements.

**“Service Providers”**: those users who acquire data and products in order to supply Value Added Services under specific licence conditions to a Third Party clearly identified and known to the Service Provider.

**“Subsidiary”**: a company that is controlled directly by the licensee by means of the licensee holding the majority of the voting rights (50% plus one vote).

**“Third Party”**: any party external to a licence agreement between EUMETSAT and a user.

**“Value Added Services (VAS)”**: all meteorological services that are derived from data and products, specifically conceived for the needs of users and made available under specific licence conditions.

**“Web Map Service”**: a EUMETSAT Internet service that makes certain EUMETSAT Data and Products, Advanced Image Products and Derived Products defined in the Catalogue accessible for visualisation via the Internet, but with no provision of access to original numerical data.

**“Without Charge”**: at no more than the cost of reproduction and delivery (including the cost of distribution media, documentation, software licences, transmission and direct labour cost), but without charge for the data and products themselves.

## II. List of Satellite Instrument Acronyms

|                        | Generation | Instrument    | Definition                                                           |
|------------------------|------------|---------------|----------------------------------------------------------------------|
| <b>Meteosat-series</b> | First      | MVIRI         | Meteosat Visible and Infrared Imager                                 |
|                        | Second     | SEVIRI        | Spinning Enhanced Visible Infrared Imager                            |
|                        | Third      | FCI           | Flexible Combined Imager                                             |
|                        |            | IRS           | InfraRed Sounder                                                     |
|                        |            | LI            | Lightning Imager                                                     |
|                        |            | <i>S4</i>     | <i>Copernicus Sentinel-4 (EU)</i>                                    |
|                        |            |               |                                                                      |
| <b>Metop-series</b>    | First      | MHS           | Microwave Humidity Sounder                                           |
|                        |            | GRAS          | Global Navigation Satellite System Receiver for Atmospheric Sounding |
|                        |            | GOME-2        | Global Ozone Monitoring Experiment-2                                 |
|                        |            | ASCAT         | Advanced Scatterometer                                               |
|                        |            | IASI          | Infrared Atmospheric Sounding Interferometer                         |
|                        |            | <i>AVHRR</i>  | <i>Advanced Very High Resolution Radiometer (NOAA)</i>               |
|                        |            | <i>AMSU-A</i> | <i>Advanced Microwave Sounding Unit-A (NOAA)</i>                     |
|                        |            | <i>HIRS</i>   | <i>High Resolution Infrared Radiation Sounder (NOAA)</i>             |
|                        | Second     | METimage      | multispectral imaging radiometer for meteorological applications     |
|                        |            | MWS           | Micro-wave Sounder                                                   |
|                        |            | RO            | Radio Occultation                                                    |
|                        |            | SCA           | Scatterometer                                                        |
|                        |            | IASI-NG       | Infrared Atmospheric Sounding Interferometer – New Generation        |
|                        |            | MWI           | MicroWave Imaging                                                    |
|                        |            | 3MI           | Multi-viewing, channel, polarisation Imaging                         |
|                        |            | ICI           | Ice Cloud Imager                                                     |
|                        |            | <i>S5</i>     | <i>Copernicus Sentinel-5 (EU)</i>                                    |