

ECMWF Real-time Products Information

This document outlines key points related to the provision, purchase, and use of ECMWF real-time Products.

Open & free products

The following real-time Products are available under the Creative Commons CC-BY-4.0 licence (<https://creativecommons.org/licenses/by/4.0/legalcode>) and are free of information cost. However, if delivered by ECMWF Services (such as ECMWF Production Data Store (ECPDS), the products may be subject to Service Charges:

- WMO Essential: <https://www.ecmwf.int/en/forecasts/datasets/wmo-essential>
- ECMWF Open data: <https://www.ecmwf.int/en/forecasts/datasets/open-data>

For the aforementioned real-time Products, you may:

- **Share** — copy and redistribute the material in any medium or format
- **Adapt** — remix, transform, and build upon the material
- for any purpose, even commercially.

You must:

- **Attribution** — You must give appropriate credit, provide a link to the license, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use.
- **No additional restrictions** — You may not apply legal terms or technological measures that legally restrict others from doing anything the license permits.

Products that are NOT open and free

Any real-time Product that is **not** listed above is subject to the ECMWF Standard Licence Agreement contained within this document.

Under the ECMWF Standard Licence Agreement, Service Providers may:

- **Create, distribute and broadcast** *Non-Retrieveable* Value Added Services to any user, including Service providers
- **Create and distribute** *Retrieveable* Value Added Services to End Users only

You must:

- **Attribute** — You must give appropriate credit, according to Article 8 of the ECMWF Standard Licence Agreement, but not in any way that suggests the licensor endorses you or your use of the Products.

You must not:

- **Redistribute** — ECMWF prohibits the redistribution of real-time Products, except for where permitted according to your Licence type and the relevant articles in the agreement (i.e. to Contractors and Subsidiaries).

ECMWF has prepared **Guidelines for the Interpretation of the ECMWF Standard Licence Agreement** which should be read in conjunction with the ECMWF Standard Licence Agreement: <https://www.ecmwf.int/en/forecasts/access-forecasts/licences-available/guidelines-interpretation-rules-and-standard>

ANNEX 1.

AGREEMENT TYPE

End User Service Provider /Broadcaster Research or Educational User NMHS Non-Commercial Council Approved User

MAXIMUM CHARGE LICENCE HOLDER

Yes No

HIGH FREQUENCY PRODUCTS

Yes No

DATA DELIVERER

NMS Delivery ECMWF Delivery

VOLUME BAND

1 (0 - 1 GiB per day)

SERVICE PACK

Bronze

DURATION

Commencement date of agreement: **2023-01-01**

Termination date of agreement: **2023-12-31**

FEES	Total Contract Value
Information Charge	10,750.00 EUR
Volume Band Charge	200.00 EUR
Service Pack Charge	530.00 EUR
Total Fees	11,480.00 EUR

INVOICING AND PAYMENT SCHEDULE

Invoices will be issued according to the following schedule:

Quarterly payment schedule:		
Instalment number:	Invoice date:	Amount:
1	2022-12-31	2,870.00 EUR
2	2023-03-31	2,870.00 EUR
3	2023-06-30	2,870.00 EUR
4	2023-09-30	2,870.00 EUR

The Licensee shall pay the amount due within 30 days of receipt of the relevant invoice.

The Initial Schedule of Products

I-i-a: Atmospheric Model high resolution 10-day forecast (HRES) - Single level

Base times

00

Grid

0.1

Forecast time-steps

[00]: 0 to 144 by 3, 150 to 240 by 6

Areas

N: 55 W: 2 S: 42 E: 30

Parameters

10U, 10V, 2D, 2T, MX2T3, MX2T6, MN2T3, MN2T6, SSRD, TP, SWVL1, SWVL2, SWVL3, SWVL4

Agreement Number: **ECMWF/RT-7080**

LICENCE AGREEMENT FOR THE SUPPLY OF EUROPEAN CENTRE for MEDIUM-RANGE WEATHER FORECASTS (ECMWF) PRODUCTS

Between **THE EUROPEAN CENTRE FOR MEDIUM-RANGE WEATHER FORECASTS (ECMWF)**
Shinfield Park, Reading, RG2 9AX, United Kingdom

(Hereinafter called the Licensor)

And **Global Change Research Institute CAS**
Bělidla 986/4a
603 00 Brno
Czech Republic

(Hereinafter called the Licensee).

Article 1.

Definitions

Advanced Web Services: Geographical Information Service provided via ECMWF's interactive ecCharts service.

Archive-Products: Any meteorological data in the form of pictures, charts, text or data files for which the verification time is 24 or more hours ago and is available in the ECMWF archive catalogue.

Broadcast/Broadcasting: The Dissemination of Value Added Services by means that are publicly accessible including, but not limited to, Internet, terrestrial, or satellite transmissions.

Broadcaster/Publisher: Those users who use Products from the ECMWF Catalogue or Value Added Services in order to provide a service by means of Broadcasting or publishing in any form.

Contractor: A person or entity that enters into a contract with the Licensee to provide services to the Licensee which require that the Contractor accesses the Products in order to provide such services.

Co-operating State: A State with which a co-operation agreement providing for access to ECMWF data and Products has been concluded. See also "Type 1 Co-operating State" and "Type 2 Co-operating State".

Council Approved User: Users who acquire Products on a strictly non-commercial basis and in accordance with specific approval of the ECMWF Council as detailed in the Scope of Use.

Dissemination: Supply via public media e.g. Broadcasting.

Distribution: Controlled transmission or supply to clearly identified and known users.

ECMWF Catalogue: The list of Products for Distribution or Dissemination by NMSs of ECMWF Member States and Co-operating States and ECMWF.

ECMWF Delivery: Distribution of Products directly from ECMWF to the Licensee.

Educational Use: Any use of the Products from the ECMWF Catalogue solely for educational non-commercial purposes, without transmission or redistribution of the Products to any third party, or use of them to generate Value Added Services.

End User: Those users who use Products from the ECMWF Catalogue or Value Added Services for their own commercial or industrial purposes and do not pass them on to any third party, or use them to generate Value Added Services.

Essential Products: Products which are made available by decision of the ECMWF Council on a free and unrestricted basis.

European Cut-out Maximum Charge Customer: the Licensee who purchases the European cut-out area 25N-75N, 25W-45E, worth 20% of the full maximum charge Information Cost.

Graphics Based on ECMWF Products: Non-retrievable VAS which result in the unambiguous display of Products in graphical forms including but not limited to charts, maps, images, pictures or videos.

Maximum Charge Customer: The Licensee who pays the maximum information charge, i.e. the cap set by the ECMWF Council to the information charge.

Member States: The States which are parties to the Convention for the Establishment of a European Centre for Medium-Range Weather Forecasts.

National Meteorological Service (NMS): The service in a Member State or Co-operating State that is responsible at the national level, in conformity with its legal status, for the gathering, classification and production of meteorological information in the national interest, and responsible at the international level for participating in WMO programmes.

NMHS Non-Commercial: A National Meteorological and Hydrological Service that receives the Products for fulfilling national governmental obligations that are related to the protection of life and property and carried out on a non-commercial basis.

NMS Delivery: Distribution of Products from the Member State or Co-operating State National Meteorological Service to the Licensee.

Non-retrievable Value Added Services: Any VAS from which the original Products cannot be retrieved or reverse engineered without significant technical effort and/or expense.

Personal Use: any use of Products from the ECMWF Catalogue solely for personal non-commercial purposes, without transmission or redistribution of these Products to any third party, or use of them to generate Value Added Services.

Products: All meteorological information in the form of pictures, charts, text or data files for which the verification time is in the future or less than 24 hours ago.

Product Daily Volume: The daily volume of the Products delivered to the Licensee via ECMWF Delivery or NMS Delivery.

Research Project: Any time bound** project organised for non-commercial research purposes only, where an ongoing/continuous service based on ECMWF Products is not permitted without written consent from the Licensor. 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.

*** Research licences cannot be longer than the duration of the project itself and up to a maximum of 3 years, whichever is shorter. A research licence may be renewed for research projects lasting longer than 3 years.*

Research or Educational User: The recipient of the Products who uses them for Educational Use or for a Research Project.

Retrievable Value Added Services: Any VAS from which the original Products can be retrieved or reverse engineered without significant technical effort and/or expense.

Schedule Change Fees: The fees levied for changes to the Schedule of Products in case of ECMWF Delivery.

Schedule of Products: The detailed list of Products agreed by the Licensor for Distribution to the Licensee and subject to variation in accordance to this agreement.

Service Provider: Those users who acquire Products from the ECMWF Catalogue in order to supply Value Added Services under specific licence conditions to a third party clearly identified and known to the Service Provider.

Subsidiary: Any subsidiary of the Licensee which is directly controlled by the Licensee by means of the Licensee holding the majority of the voting rights (50% plus one vote).

Taxes: Any taxes, duties, governmental assessments, administrative or other charges including, without limitation, value added/purchase tax, excise tax, customs charges, import or other duties levied by any governmental, municipal or local authority.

Type 1 Co-operating State: A State that has concluded a co-operation agreement that enables accession to the ECMWF Convention.

Type 2 Co-operating State: A State that has concluded a co-operation agreement for scientific and technical co-operation.

Value Added Services (VAS): all meteorological services which are:

- derived from one or more Products; and
- specifically conceived for the needs of users; and
- made available under specific licence conditions.

Article 2.

Object

The object of this agreement is to define the conditions under which the Licensee may use ECMWF Products.

Article 3.

Purpose

1. If the Licensee is defined in Annex 1 to this agreement as a **Service Provider/Broadcaster**, the Licensee is authorised to use on a non-exclusive basis the Products detailed in the Schedule of Products:
 - for its own internal purposes;
 - to Distribute Retrievable Value Added Services to End Users only;
 - to Distribute and Broadcast Non-retrievable Value Added Services;
 - to Distribute to users only for Personal Use up to 1GB per month per such user from the Products detailed in the Schedule of Products.
2. If the Licensee is defined in Annex 1 to this agreement as an **End User**, the Licensee is authorised to use on a non-exclusive basis the Products detailed in the Schedule of Products for its own internal commercial or industrial purposes or for Personal Use but is not authorised to use them to generate Value Added Services.
3. If the Licensee is defined in Annex 1 to this agreement as a **Research or Educational User**, the Licensee is authorised to use on a non-exclusive basis the Products detailed in the Schedule of Products only for the Research Project or Educational Use described in the Scope of Use.
4. If the Licensee is defined in Annex 1 to this agreement as a **NMHS Non-Commercial**, the Licensee is authorised to use on a non-exclusive basis the Products detailed in the Schedule of Products:
 - for fulfilling national governmental obligations related to the protection of life and property, and
 - for Research Projects and Educational Use, provided that any such activity is carried out strictly on a non-commercial basis. This licence does not grant any rights for the commercial exploitation of the Products. Should the Licensee wish to exploit Products provided under this licence for commercial purposes, the Licensee must obtain an undiscounted licence before commencing any commercial exploitation.
5. If the Licensee is defined in Annex 1 to this agreement as a **Council Approved User**, the Licensee is authorised to use the Products detailed in the Schedule of Products on a non-exclusive basis and solely as described in the Scope of Use. Should the Licensee wish to exploit Products provided under this licence for commercial purposes, the Licensee must obtain an undiscounted licence before commencing any commercial exploitation.

Article 4.

Exclusions

1. The use of the Products is limited to the purpose of the licence detailed in Article 3 hereof.
2. The Licensee shall not use, store or deal with the Products or any associated data, software, documentation or other information in a manner that contradicts the purpose as detailed in Article 3 hereof without the prior written consent of the Licensor.
3. The Licensee shall not reproduce, distribute, license, transfer, assign, sell, disclose to or otherwise forward the Products or any associated data, software, documentation, or other information to any third party other than as provided for in Articles 3, 5.8 and 5.9 without the prior written consent of the Licensor.
4. The Licensee shall not use the Products for the provision of services other than as authorised under Article 3 hereof.
5. Nothing in this licence shall prevent the Licensee from making necessary back-up copies or otherwise exercising a right in relation to the Products which cannot be excluded by agreement.

Article 5.

Conditions

1. ECMWF reserves the right to discontinue a Product that is in the ECMWF Catalogue.
2. ECMWF reserves the right to reclassify Products as Essential Products.
3. The Licensor shall inform the Licensee in writing three months in advance of the effective date of any discontinuation, or reclassification of Products, in accordance with Article 5.1 and 5.2, which are part of the Schedule of Products.
4. In accordance with Article 5.1 to 5.3, if, for any reason whatsoever, a discontinuation without the provision of suitable replacement Products, or a reclassification of one or more of the Products detailed in the Schedule of Products occurs without the provision of suitable replacement Products, the fees for the period involved as agreed in Article 7 hereof will be decreased pro-rata. Such a decrease of fees is not applicable to Maximum Charge Customers and European Cut-out Maximum Charge customers.
5. The Licensee who subscribes to Advanced Web Services is subject to the following additional conditions:
 - a) Access to all analysis and forecast Advanced Web Services is provided on an 'as is' basis; the range of Advanced Web Services will be adjusted in the light of experience and in response to the evolution of the forecasting system; newly developed items will be added but others may be removed.
 - b) ECMWF endeavours to provide the Advanced Web Services with operational priority but the entire or selected Advanced Web Services may be unavailable for up to 48 hours.
 - c) Subscribers to Advanced Web Services may view them using interactive software which accesses the products directly from ECMWF systems; no other downloading aided by computer programs is permitted.

- d) Advanced Web Services cannot be redistributed nor used in any publication, website, television broadcasting or via any other media.
6. The Licensee who is defined as a Maximum Charge Customer in Annex 1 to this agreement, is subject to the following additional conditions:
- a) The Licensee has the right to receive any of the Products available from the ECMWF Catalogue.
 - b) Product delivery to the Licensee is based on the Schedule of Products.
 - c) In case of ECMWF Delivery, after the initial two month set-up phase, the number of changes to the Schedule of Products by the Licensee during each twelve month period of the agreement must not exceed the Schedule Changes Limit as set in Annex 1 to this agreement.
 - d) In case of NMS Delivery, the Licensee may agree changes to the Schedule of Products with the NMS according to the administrative procedures of the NMS.
 - e) Access to Archive-Products is provided upon the Licensee's request and subject to the acceptance of the applicable terms and conditions for Archive-Products.
 - f) Access to Archive-Products is granted by using tools provided by ECMWF and is subject to the payment of the appropriate handling charges, depending on the use of the archive.
 - g) The Product Daily Volume shall not exceed the limits as set in Annex 1 to this agreement.
7. The Licensee who is not defined as a Maximum Charge Customer in Annex 1 to this agreement and receives the Products via ECMWF Delivery, is subject to the following additional conditions:
- a) The Licensee will be allowed a maximum of four changes per contract year to the Schedule of Products, free of any Schedule Change Fees.
 - b) Additional Schedule Change Fees shall be charged for any further change to the Schedule of Products within the contract year.
8. The Licensee who is defined as a NMHS Non-Commercial in Annex 1 to this agreement, is subject to the following additional conditions:
- a) The Licensee must ensure that any services provided by the Licensee that are based on ECMWF Products may not be used by third parties for commercial purposes.
 - b) The Licensee will provide an annual report on the use of ECMWF Products. This report will include an evaluation of the quality of the ECMWF forecasting system in the area of responsibility of the Licensee.
9. Subject to Article 5.11, the Licensee is authorised to distribute the Products to the Subsidiaries listed in Annex 1 to this agreement.
10. The Licensee is authorised to distribute the Products to Contractors solely for the purpose of allowing the Contractors to provide services to the Licensee. Any other use and any redistribution by Contractors is prohibited and shall be considered as a default of the Licensee and shall render the Licensee liable vis-à-vis the Licensor and shall lead, in particular, to the application of Article 9 hereinafter.
11. The Subsidiaries are entitled to use the Products for the same purposes as the Licensee. Any other use and any redistribution by Subsidiaries is prohibited and shall be considered as a default of the Licensee and shall render the Licensee liable vis-à-vis the Licensor and shall lead, in particular, to the application of Article 9 hereinafter.

12. The terms and conditions of this agreement shall be interpreted in accordance with the ECMWF Guidelines for the Interpretation of the Rules and Standard Licence Agreement as amended from time to time. The latest version is hosted on the ECMWF website (currently at <https://www.ecmwf.int/en/forecasts/access-forecasts/licences-available/guidelines-interpretation-rules-and-standard>).

Article 6.

Duration

Subject to fulfilling its obligations in this agreement, the Licensee shall be entitled to exercise the rights set out in Article 3 hereof in the period specified in Annex 1.

Article 7.

Fees

1. The rights set out in Article 3 hereof are subject to the payment of fees, as detailed in Annex 1 to this agreement.
2. The Licensee shall make payments according to the payment schedule set out in Annex 1 to this agreement.
3. All payments shall be made into :

Barclays Bank PLC, High Street, Bracknell, Berks, RG12 1DR, UK,
Bank code: 20-11-82, Account No.: 44544833, Swiftcode: BARCGB22
IBAN code: GB52 BARC 2011 8244 5448 33
4. The annual fees may be changed by the Licensor, giving the Licensee six months notice of such change in writing. Within the period of this agreement these fees are firm, fixed, i.e. without adjustment or revision of the fees of any sort other than as permitted in this Clause.
5. Notwithstanding Clause 4 of this Article, the parties may at any time negotiate variation to the Schedule of Products with corresponding revision of fees.
6. All ECMWF's fees and charges are exclusive of and net of any Taxes which may be levied in respect of this Licence, the Data, its use or otherwise. The Licensee is liable for all Taxes and shall pay ECMWF's fees and charges in full without any deduction or set-off. However, if the Licensee is compelled by local law to make any deduction for Taxes, it will pay to ECMWF such additional amounts as are necessary to ensure receipt by ECMWF of the full amount of the fees and charges stated herein which ECMWF would have received but for such deduction.
7. ECMWF is an international organisation established by Convention with a Protocol on Privileges and Immunities so is exempt from UK taxes and is not required to be registered for UK Value Added Tax (VAT). ECMWF does not have a VAT number so VAT will not be applied to its invoices.

Article 8.

Ownership of Intellectual Property Rights

1. All Intellectual Property Rights of the Products and Archive Products owned by ECMWF shall remain the property of ECMWF and the Licensee acknowledges the full title and ownership by ECMWF of all the Products and Archive Products supplied.
2. Subject to Article 8.1, the Intellectual Property Rights to Value Added Services are owned by the Service Provider generating the Value Added Service.
3. The Licensee acknowledges that the supplied Products and Archive Products are protected from use by unauthorised third parties by ECMWF's intellectual property rights and by unfair competition law.
4. When using the Products for the provision of Retrievable Value Added Services, the Licensee shall mark the Products with an acknowledgement indicating ownership, as follows: " © [year] European Centre for Medium-range Weather Forecasts (ECMWF) ".
5. The following wording shall be attached to the services referred to in Article 3:

"this service is based on data and products of the European Centre for Medium-range Weather Forecasts (ECMWF)".
6. The Licensee accepts all responsibility and liability for the Value Added Services and shall not claim to any customer, or potential customer, accuracy of the Products which are components of the Value Added Services inappropriate to the scientific basis of such Products.
7. Any use of Archive Products shall be subject to the Licensee's acceptance of the applicable terms and conditions for Archive Products.
8. Nothing in this agreement constitutes or may be construed as permission to assert or imply that the Licensee and use of the real-time or Archive Products is connected with, or sponsored, endorsed, or granted official status by the Licensor.

Article 9.

Default

Default and the consequences thereof shall be governed by the laws of England and Wales. In addition:

1. Default by the Licensee of its obligations under this agreement shall entitle the Licensor to terminate this agreement without notice. The Licensor shall furthermore be entitled to full damages regardless of whether this agreement is terminated.
2. Without excluding the Licensor's rights to invoke other legal sanctions related to default in payments (e.g. termination) the Licensee shall, in cases of any late payment, pay interest for the period of delay at the rate of 5% above the three month EUR market rate.

Article 10.

Termination

1. This agreement may be terminated at any time by the Licensee or by the Licensor upon three months written notice to the other party and the annual fees payable to the Licensor shall be reduced pro rata.

2. Either party may terminate this agreement by notice upon a material breach of this agreement by the other party. Where the breach is capable of remedy, the notice shall specify the breach and allow 30 days for the breach to be remedied, failing which the notice shall come into effect. In other cases, the notice shall have immediate effect.

Article 11.

Warranty and Liability

1. The Licensor warrants that it has the authority to enter into this agreement.
2. The Licensor makes no warranty as to the accuracy or completeness of the Products or the uninterrupted provision of the Products. All Products are provided on an "as is" basis. Any warranty implied by statute or otherwise is hereby excluded from this agreement to the fullest extent permissible by law.
3. If any of the Products are temporarily unavailable for a continuous period exceeding 48 hours due to an act or omission of the Licensor, the fees specified in Article 7 for the Products which are unavailable shall be reduced pro rata for the period of unavailability. There will be no reduction in fees for interruptions of 48 hours or less.
4. The Licensee shall be responsible for ensuring that its employees, Subsidiaries and Contractors use the Products in accordance with the terms of this agreement.
5. Neither party shall be liable to the other under any cause of action for any loss of profit or loss of revenue (whether direct or indirect); any indirect loss; loss of goodwill, reputation or opportunity; or any loss of or corruption of data however so arising out of or in connection with this agreement whether or not that party had been informed of or was aware that there was a serious possibility of such loss.
6. The liability of the Licensor however so arising out of or in connection with this agreement under any cause of action shall not exceed the fees paid in accordance with Article 7.
7. Notwithstanding any contrary provision in this agreement, neither party limits or excludes its liability in respect of any death or personal injury caused by its negligence; any fraud; or any statutory or other liability which cannot be excluded or limited under applicable law.
8. Neither the Licensor nor ECMWF shall be liable should ECMWF discontinue the provision of the Products at any time.
9. ECMWF shall have no liability in contract, tort or otherwise arising out of or in connection with this agreement, except when ECMWF is the Licensor.

Article 12.

Force Majeure

Neither ECMWF nor the Licensor shall be liable for failure to fulfil this agreement due to circumstances outside the control of the Licensor and/or ECMWF which could not have been foreseen at the time of entering into this agreement and which could not be reasonably avoided or overcome by the Licensor and/or ECMWF. For the avoidance of doubt, delay or corruption of the Products due to transfer over the Internet shall be considered to be Force Majeure.

Article 13.

Dispute

This agreement shall be governed by and construed in accordance with the laws of England and Wales.

The parties shall attempt to settle any dispute between them in an amicable manner. If the dispute cannot be so settled, it shall be finally settled under the Rules of Conciliation and Arbitration of the International Chamber of Commerce by one or three arbitrators appointed in accordance with the said rules; sitting in London, England. The proceedings shall be in the English language. In accordance with Sections 45 and 69 of the Arbitration Act 1996, the right of appeal by either party to the English courts on a question of law arising in the course of any arbitral proceedings or out of an award made in any arbitral proceedings is hereby agreed to be excluded.

Nothing in this agreement shall be construed as a waiver of any of the privileges and immunities conferred upon the licensor by its Member States through its Convention and Protocol on Privileges and Immunities.

Article 14.

Transfer of Agreement

The Licensee shall not transfer the benefit or burden of this agreement in whole or in part.

Article 15.

Waiver

If a party fails to enforce, or delays in enforcing, an obligation of the other party, or fails to exercise, or delays in exercising, a right under this agreement, that failure or delay will not affect its right to enforce that obligation or constitute a waiver of that right. Any waiver of any provision of this agreement will not, unless expressly stated to the contrary, constitute a waiver of that provision on a future occasion.

SIGNED

In (place)
on (date)
title

for the Licensee

.....(signature)
.....(print name)

In..... (place)
on..... (date)
title

for ECMWF

.....(signature)
.....(print name)

And



**Florian Pappenberger
Director of Forecasts, ECMWF**