

# ECMWF Real-time Products Information

This document outlines key points related to the provision, purchase, and use of ECMWF real-time Products. This document should be read in conjunction with the ECMWF Product Distribution Rules.

## Open & free products

The following Valid 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:

- **Attribute** — 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.
- **Not enforce 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 Valid real-time Products, except for where permitted according to your Licence type and the relevant articles (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

### MAXIMUM CHARGE LICENCE HOLDER

Yes     No

### HIGH FREQUENCY PRODUCTS

Yes     No

### DATA DELIVERER

NMS Delivery     ECMWF Delivery

### VOLUME BAND

**Band 1 (up to 1GiB per day)**

### SERVICE PACK

**Bronze**

### DURATION

Commencement date of agreement:    **1<sup>st</sup> April 2024**

Termination date of agreement:    **31<sup>st</sup> March 2025**

FEES	Annual	One-off
Information Charge	€3,912.00	N/A
High Frequency Information Charge	€2,076.00	N/A
Service Charge (Volume fee + service pack) Volume Fee - Band 1 Service Pack Fee - Bronze	€200.00 €530.00	N/A
Met Office Handling Charge	€250.00	N/A
Sub Total Fees	€6,968.00	N/A

	<b>Total Fees</b>	€6,968.00
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## INVOICING AND PAYMENT SCHEDULE

The first payment of the year shall be by the date of 30 days of receipt of invoice

Payment scheme Quarterly in advance

## SCOPE OF USE

N/A

## DISTRIBUTION OF PRODUCTS TO SUBSIDIARIES

N/A

### The Initial Schedule of Products

Order 13691

HRES AgroRisk

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 90 by 1, 93 to 144 by 3, 150 to 240 by 6

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

Parameters: CP LCC 10FG3 10FG6 MCC SKT SF STL1

Extended Range základ

VI-v-a: Atmospheric Model Ensemble extended forecast (ENS extended) - Individual forecast runs - 6-hourly - Single level

Grid: 0.4

Forecast time-steps: 0 to 1104 by 6

Ensemble members: 50

Areas: N: 55.2 W: 2 S: 42 E: 30

Parameters: 10U 10V 2D 2T MX2T6 MN2T6 SSRD TP

Runs: Monday, Thursday

Hindcast: Yes

Extended Range tlak

VI-v-a: Atmospheric Model Ensemble extended forecast (ENS extended) - Individual forecast runs - 6-hourly - Single level

Grid: 0.4

Forecast time-steps: 0 to 1104 by 6

Ensemble members: 50

Areas: N: 60 W: 0 S: 38.8 E: 31.2

Parameters: MSL

Runs: Monday, Thursday

Hindcast: Yes

Extended Range 500 hPa  
VI-v-b: Atmospheric Model Ensemble extended forecast (ENS extended) - Individual forecast runs -  
12-hourly - Pressure levels  
Grid: 0.4  
Forecast time-steps: 0 to 1104 by 12  
Ensemble members: 50  
Areas: N: 60 W: 0 S: 38.8 E: 31.2  
Parameters: Geopotential height (gh):  
500  
Runs: Monday, Thursday  
Hindcast: Yes

Agreement Number: **050143/RF**

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

Between **Met Office, for and on behalf of the Secretary of State for Science, Innovation and Technology of the United Kingdom of Great Britain and Northern Ireland**  
**Fitzroy Road**  
**Exeter**  
**EX1 3PB**  
**United Kingdom ('Met Office')**

(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 System provided via ECMWF's interactive charts service or similar.

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

**“Core” Products:** Products are declared “Core” in the meaning of WMO Unified Data Policy Resolution 1 (formerly WMO Resolution 40 (Cg-XII)) as agreed by ECMWF Council.

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

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

**ECMWF Catalogues:** The lists of Products for Distribution or Dissemination by NMSs of Member States and Co-operating States and ECMWF. The list includes all Valid Products determined by ECMWF.

**ECMWF Delivery:** Distribution of Products directly from ECMWF to the Licensee, subject to appropriate delivery charges.

**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, and where an ongoing/continuous service based on ECMWF Products is not permitted without written consent from the Licensor.

**End User:** Those users who use Products or Advanced Web Services 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.

**European Cut-out Maximum Charge Customer:** The Licensee who purchases the European cut-out area 25° North to 84° North and 74° West to 45° East, 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.

**Information Cost:** The cost of Valid Products determined by the ECOMET Product Unit (EPU) pricing scheme available in ECMWF Catalogues not governed by an open data licence.

**Maximum Charge:** Maximum price limit set by the ECMWF Council to the Information Cost.

**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) / National Meteorological and Hydrological Service (NMHS):** 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 and hydrological information in the national interest, and responsible at the international level for participating in WMO programmes.

**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.

**Non-Valid-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 cannot be used as a prediction.

**Observation Data Provider:** an organisation that collects, processes, and distributes data obtained from satellites and other observing platforms.

**Official Duty:** All activities which take place within the organisation of an NMHS, and external activities of the NMHS resulting from legal, governmental, and inter-governmental requirements relating to defence, civil aviation and the safety of life and property.

**Open Data Products:** Products from the ECMWF Catalogues that have been approved by ECMWF Council to have an open licence whereby redistribution, commercial and research use are permitted by all users subject to the appropriate attribution.

**Personal Use:** any use of Valid Products solely for personal non-commercial purposes, without transmission or redistribution of these Valid 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 resulting from the transformation or processing of data sets by the ECMWF forecasting system, irrespective of the verification time, including Valid Products, 'Non-Valid Products' and Open Data Products.

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

**"Recommended" Products:** Valid Products which are declared "Recommended" in the meaning of WMO Unified Data Policy Resolution 1 (formerly Resolution 40 (Cg-XII)) as agreed by ECMWF.

**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.

**Results:** may include written reports, publications, presentations, and other forms of research output that do not involve the distribution or real-time Products or services based on real-time Products except where permission is granted.

**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.

**Service Provision:** the act of providing a service to third parties, whether known or unknown and which may be provided with or Without Charge.

**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).

**Valid Products:** All (real-time) meteorological information in the form of pictures, charts, text or data files resulting from the transformation or processing of data sets by the ECMWF forecasting system for which the verification time is less than 24 hours ago and that can be used as a prediction.

**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.

**Without Charge:** At no more than the cost of reproduction and delivery, (including the cost of distribution media, documentation, transmission, and direct labour cost), without charge for the Products themselves.

## Article 2.

### Object

The object of this agreement is to define the conditions under which the Licensee may use 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. The Licensor must be informed of project partners who may require access to or use of ECMWF real-time (valid) products. Appropriate attribution of the products to ECMWF must be made in any publications.



#### **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 Valid 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 Valid 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 Valid 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 Valid Products which cannot be excluded by agreement.
6. The Licensee shall not use Products provided for test, trial or evaluation purposes or otherwise not included in the Annex for Service Provision or operationally unless granted written permission from the Licensor.

#### **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 Valid Products as “Core” Products or Open Data Products.
3. The Licensor shall inform the Licensee in writing three months in advance of the effective date of any discontinuation, or reclassification of Valid 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 Valid Products, or a reclassification of one or more of the Valid Products detailed in the Schedule of Products occurs without the provision of suitable replacement Valid 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 licensees who pay the Maximum Charge or European Cut-out Maximum Charge.
5. Valid Products not within the “Core” Products or Open Data Products shall be subject to the Information Cost where the cost of a single licence shall be limited to the Maximum Charge.
6. Where the Licensee chooses ECMWF Delivery, irrespective of the Licensor, ECMWF Delivery fees shall apply.
7. The Licensee who subscribes to Advanced Web Services is subject to the following additional conditions:
  - a) Access to the 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 products using interactive software which accesses the products directly from ECMWF systems; no other downloading aided by computer programs is permitted.
  - d) Outputs of the Advanced Web Services cannot be redistributed nor used in any publication, website, television broadcasting or via any other media.
8. The Licensee who is defined as a European Cut-out Maximum Charge Customer in Annex 1 to this agreement is subject to the following additional conditions;
- a) The Licensee will not be allowed to make any changes per contract year to the Schedule of Products.
  - b) The licensee will not be allowed to subset the European Cut-out area.
  - c) the Licensee will only be allowed up to 15 parameters from the Catalogue at the highest space and time resolution per contract year.
9. The Licensee receiving Products for the purposes of a Research Project shall:
- a) Provide annual feedback on the progress of the report, including any publications, presentations or datasets published as part of the Research Project.
  - b) Acknowledge the Licensor and ECMWF as the source of the data in any publications, presentations or datasets published as part of the Research Project.
10. The Licensee who is defined as a Council Approved User or Observation Data Provider shall:
- a) Provide annual feedback on the progress of the report, including any publications, presentations or datasets published as part of the Scope of Use.
  - b) Acknowledge the Licensor and ECMWF as the source of the data in any publications, presentations or datasets published as part of the Scope of Use.
11. Subject to Article 5.13, the Licensee is authorised to distribute the Valid Products to the Subsidiaries listed in Annex 1 to this agreement.
12. The Licensee is authorised to distribute the Valid 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.
13. The Subsidiaries are entitled to use the Valid 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.
14. 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:  
  
Account Name - Met Office  
Bank Name - Government Banking Team, European Operations Centre  
Address - Brampton Road, PO Box 352, Newcastle-under-Lyme, Staffordshire,  
ST5 0QX  
Sort Code - 52 41 60  
Account Number - 51503816  
IBAN - GB82NWBK60721251503816  
SWIFT Code - NWBKGB2L
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.

## **Article 8.**

### **Ownership of Intellectual Property Rights and Attribution Requirements**

1. All Intellectual Property Rights of the 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 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 are protected from use by unauthorised third parties by ECMWF's intellectual property rights and by unfair competition law.
4. All Value Added Services created using the Products or Non-Valid Products must be attributed to ECMWF. The attribution must be displayed prominently and provided alongside, within, or co-located with the Value Added Services in the form of the following wording: "this service is based on data and products of the European Centre for Medium-range Weather Forecasts (ECMWF)."
5. Products supplied with and part of Retrievable Value Added Services shall be prominently labelled with an acknowledgement indicating ownership, as follows:

“© [YEAR] 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, the accuracy of the Products which are components of the Value Added Services inappropriate to the scientific basis of such Products.
7. Any use of Non-Valid Products shall be subject to the Licensee's acceptance of the applicable terms and conditions for Non-Valid 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 Non-Valid 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.

In the event of a dispute relating to this agreement, each of the parties irrevocably submits to the exclusive jurisdiction of the English and Welsh courts.

#### **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) In Exeter (place)

on \_\_\_\_\_ on **22<sup>nd</sup> February 2024**

Title: \_\_\_\_\_ Title: Head of Legal Services

**for the Licensee**

**for MET OFFICE for and on behalf of the  
SECRETARY OF STATE FOR SCIENCE,  
INNOVATION AND TECHNOLOGY OF THE UNITED  
KINGDOM OF GREAT BRITAIN AND NORTHERN  
IRELAND**

\_\_\_\_\_  
(signature)

  
(signature)

\_\_\_\_\_  
(print name)

Michael Robbins (print name)