

# Met Office Weather DataHub: Atmospheric Model data update

Issue 2: June 2021

## Latest updates on Met Office Weather DataHub: Atmospheric Model data

Since the launch of our Atmospheric Model data service as a Public Beta on [Met Office Weather DataHub](#) in August 2020, there have been over 370 orders, 41,000 GB of data downloaded and 14 million API requests. We have been continuously monitoring and consolidating feedback to incorporate into service development and drive improvements to the service and now we want to give all Met Office Weather DataHub users an overview of what has been done so far.

## Met Office Weather DataHub now listed on ECOMET

We are pleased to confirm that Met Office Weather DataHub is now listed on the [ECOMET Catalogue](#).

## You said, we did



Please see a summary below of some of the developments we have made to the service based on user insight:

### Introduction of a managed service option:

Insight	Action
Some customers prefer or require a Met Office team member to produce or manage their order.	Many of our customers prefer the flexibility and the customisation of our online self-service tool.  However, for those that it would better suit their requirements, we have now introduced

	a managed service option too. This is where a Met Office Account Manager works closely with a customer to create and manage orders on their behalf.
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**'Try before you buy':**

Insight	Action
We have enhanced our 'Try before you buy' option.	<p>We want to help customers choose the right plan by fully showcasing our data and ensuring understanding of its suitability for requirements ahead of purchase or subscription.</p> <p>Approximately 10% of our customers are using our 'Try before you buy' option, to which we have now introduced more flexibility to end dates and data quota.</p>

**Iterative features:**

Insight	Action
Users wanted more accurate estimates on data size and volume.	Users can now see estimated data volumes generated at a parameter level for increased accuracy.
A reminder of when a free trial is coming to an end might be helpful	We have introduced automated 7 day expiry warning e-mails to ensure our free trial customers can make the most of the offering.
Some users experienced problems setting up their accounts.	An automated email with links confirming guidance options is now sent to any customer who don't complete the onboarding process within 30 days.

**What is planned for the future:**

Insight	Action
We received feedback that it would be helpful to see a development roadmap for this	We agree and understand. This is something we are looking into currently and as soon as anything is confirmed, we will make this available and let you know.

service, to have an idea of what is coming in the future.	
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## Met Office UK 2km Model data now available

### **Phase one - standard grid projection**

In February, we made Met Office UK 2km Model data available alongside the Global 10km Model data on Met Office Weather DataHub. For this initial release, UK 2km Model data was made available in standard grid projection, which gives high scientific integrity to the data quality but may not be compatible with all customers' applications.

Since its launch, nearly 20% of our customers have downloaded UK 2km Model data in this projection.

### **Phase two – regridding service enabling queries on a latitude/ longitude (lat/ long) projection.**

Now we are enhancing the service by offering UK 2km Model data with lat/ long projection (in addition to standard grid projection).

This aligns to the way in which we are aware many of our users map our data onto their systems and, where this is the case, this option will remove the need to perform additional calculations/ conversions prior to using our data.

We have made available the first set of parameters regrided to lat/ long projection and are in the process of validating the data quality of further parameters, which we plan to release over the coming weeks. More information and a planned release schedule can be found [here](#).

We will be closely monitoring uptake of and feedback on this enhanced feature to ensure that we best meet with demand and will keep you informed as this develops.

## Benefits of UK 2km Model data

### **Benefits include:**

- Higher resolution of gridded weather forecast data over the UK.
- A larger geographical region (incorporating the North Sea and parts of Europe) than previous UK 2km Model dataset made available through Data Provisioning, with new parameter updates.
- Self-serve access to this data means users can select to take only the data they require.

## We need your feedback



We have taken the decision to extend the Beta phase for Met Office Weather DataHub Atmospheric Model data to ensure we maximise development of the service ahead of a full launch. Your feedback during Beta is vital in shaping and ultimately ensuring our future service will meet your preferences and requirements.

Please send any feedback or suggestions you may have on how we might improve the Met Office Weather DataHub service to us via [enquiries@metoffice.gov.uk](mailto:enquiries@metoffice.gov.uk).

## Ongoing support options

- Search, share, ask questions and participate in the support group [developer forum](#). Please choose the most appropriate forum for your API.
- Please direct any meteorological queries (including questions about the data available) to your account managers via the [DPT@metoffice.gov.uk](mailto:DPT@metoffice.gov.uk) email address.
- Please raise a [support ticket](#) to address any technical queries/ issues you may have.

**For more information, please see our [support page](#).**



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