

Licences for WMO Members

Archive data

- Access to the world's largest meteorological archive
- Tools for customized data retrieval and download

Web NMHS Non-commercial

- Access to web charts
- Create your own charts with ECMWF web tools
- Strictly Non-commercial use

Full NMHS Non-commercial

- All of the above
- Access to the entire Catalogue of ECMWF Real-Time Products (volume restrictions may apply)
- Tools to manage your own data transmission
- Strictly Non-commercial use

Price

	Annual fee
Archive data	£5,000
Web NMHS Non-commercial	€3,500
Full NMHS Non-commercial	€42,000

Free resources for WMO Members

WMO essential and additional data:
<http://www.ecmwf.int/en/forecasts/datasets/wmo-catalogue>

Atmospheric and ocean wave re-analysis:
<http://www.ecmwf.int/en/research/climate-reanalysis/browse-reanalysis-datasets>

Multi-model medium-range ensemble forecasts
(for research and education purposes):
<http://apps.ecmwf.int/datasets/data/tigge/>

Sub-seasonal to seasonal (for research and education purposes):
<http://apps.ecmwf.int/datasets/data/s2s/>

Atmospheric composition re-analysis and near-real time:
http://apps.ecmwf.int/datasets/data/macc_reanalysis/

More datasets:
<http://apps.ecmwf.int/datasets>

More information

<http://www.ecmwf.int/en/forecasts/accessing-forecasts>

Enquiries

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The European Centre for Medium-Range Weather Forecasts (ECMWF) is an intergovernmental organisation supported by more than 30 States. It provides weather services with medium-range forecasts of global weather to 15 days ahead as well as with monthly and seasonal forecasts. ECMWF's computer system at its headquarters in Reading, United Kingdom, is one of the largest for meteorology worldwide and contains the world's largest archive of numerical weather prediction data. It runs a sophisticated medium-range prediction model of the global atmosphere and oceans. The National Meteorological Services of Member States and Co-operating States use ECMWF's products for their own national duties, in particular to give early warning of potentially damaging severe weather.

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ECMWF DATA SERVICES

WMO Members



Quality weather forecasts for your needs

Weather-related events have major consequences for society and the economy. Governments continuously make long-term decisions that take into account the impact of such events on the economy and life of their citizens. To enable decision-making, an accurate understanding of the natural environment is necessary.

That's where ECMWF products come into play. We operate a world-class forecasting system providing high-quality weather predictions up to 15 days in the future, with monthly and seasonal outlooks. Individual weather services can receive predictions tailored to their own location and needs – vital to warn authorities and the public, and to allow appropriate action to be taken.

As an operational centre, we have several decades of experience in global weather prediction and in reliable and timely dissemination of weather data.

“The forecast products from ECMWF are indispensable to the forecasters in formulating short-, medium- and even long-range weather forecasts.”

Hong Kong Observatory

Real-time data

Select data from the entire Catalogue of ECMWF Real-Time Products

- Wide spectrum of parameters, levels and ranges from the ECMWF Integrated Forecasting System, at full resolution
- Create your own tailored products by changing the grid resolution, temporal resolution, geographical area and parameters

Web charts

Use ECMWF's unique set of charts, graphs and tools for daily forecasting work

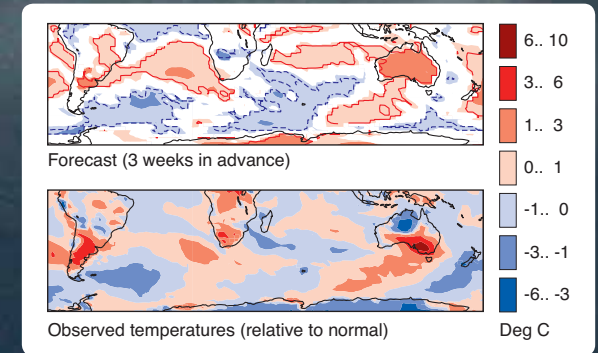
- Charts of weather parameters including cloud cover, precipitation, temperature, winds, and ensemble probabilities for various parameters
- The Extreme Forecast Index (EFI) provides an 'alarm bell' for potential extreme weather events; use the interactive web chart to find more details of the forecast temperature, wind and precipitation at any location
- Create your own charts and meteograms for any location using ECMWF's web tools

Archive data

Access the ECMWF Meteorological Archive (MARS), the largest meteorological data archive in the world.

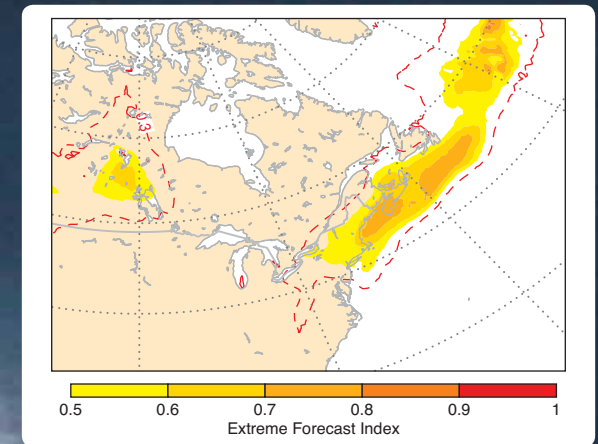
- Tens of petabytes of meteorological data
- Analyses, forecasts and climate reanalyses, constituting a detailed record of past worldwide weather
- Secure remote access

Predicting heatwaves



In mid-January 2014 prolonged heatwaves affected south-eastern Australia and parts of Argentina and Uruguay. Three weeks before the event, ECMWF's monthly forecast predicted that temperatures would be significantly higher than normal for that time of year.

Forecasting extreme snowfall



On 3 January 2014 about 15 cm of snow fell in New York, and about 45 cm in Boston. ECMWF predicted the risk of an extreme snowfall 5 days in advance (where "extreme" means relative to what can ordinarily be expected). In this figure, the higher the index, the greater the risk.