



# Build your weather and climate services with world-leading forecasting and meteorology training

## About the Met Office College

Combining world-renowned scientific expertise with hands-on experience, the Met Office College has provided training for over 75 years, and is recognised as one of the best meteorological colleges in the world. We welcome students from all over the world onto concentrated, vocational courses at our Exeter head office and also provide training at locations across the globe.

Our training is tailored to fit your requirements so it is always focussed and designed to enable you to work in different operational environments. The breadth of scientific and technical knowledge of the training team means that we are well-equipped to design and run courses which help individuals and teams progress and meet their full potential.



## Subject areas

Here are some of the courses and qualifications we offer.

For a more comprehensive list of our subject areas, please visit our website and view our prospectus.

### **Forecaster training** including:

- initial forecasting course (BIP-M);
- advanced forecasting course;
- marine forecasting; and
- global forecasting.

### **Aeronautical meteorology training** including:

- Basic Instruction Package  
- Meteorology Technician (BIP-MT);
- observing; and
- Civil Aviation Aeronautical Meteorology (CAeM).

### **Operational meteorology training** including:

- introduction to climatology;
- severe weather event planning as part of disaster risk reduction; and
- broadcast meteorology.

### **Mentoring** including:

- competency based assessment support;
- stakeholder engagement; and
- capacity building.

## Worldwide

Met Office training includes courses on subject areas such as forecasting, aeronautical meteorology, observing, applied climatology, stakeholder engagement and broadcasting.

Sharing our experience, expertise and best practice can help you to comply with World Meteorological Organization (WMO) standards. We can also help you build skilled and knowledgeable staff and an operating environment that delivers relevant, timely and useful weather and climate services.

Our training team has experience in delivering training overseas in over 30 countries. All our courses are delivered in English, but we also have experience of working with interpreters to deliver training.

## International development

Effective meteorological and hydrological services strengthen nations' preparedness, well-being, prosperity and prospects for growth. Drawing on our scientific and operational strengths, we offer practical advice and specialist weather and climate consultancy services. Our wide range of skills and expertise enable us to support countries around the globe to enhance their weather and climate services. We work closely with national meteorological and hydrological services to improve their service delivery. We also enable them to deal with weather and climate-related impacts and provide services that meet their users' needs.

Key areas we support include situational assessments, user engagement, institutional strengthening, capacity development, service design, technical assistance, and monitoring and evaluation as well as tailored training programmes.



Met Office College delivers training in over 30 countries

## Civil Aviation Aeronautical Meteorology (CAeM)

This training has been developed to meet the requirements of the WMO and the International Civil Aviation Organization (ICAO) for aviation safety. The course covers the underpinning knowledge requirements, and consultancy is provided in order to put in place the appropriate quality management systems adhering to ISO9001. Competency checks are also carried out to support the WMO framework.

## Basic Instruction Package for Meteorology Technicians

The newly developed Basic Instruction Package for Meteorology Technicians (BIP-MT) was delivered on site for the National Centre of Meteorology & Seismology in Abu Dhabi in 2014.

The Met Office BIP-MT complies with the WMO competence standard for Aeronautical Meteorological Personnel which is the pre-requisite qualification for observers across the world. This course can be delivered in region to minimise operational disruption.

### Rwanda training programme

The Government of Rwanda wanted to improve its country's preparedness and ultimately reduce vulnerability and economic loss. In 2012 a complex training programme was delivered in Kigali to forecasters and staff from several organisations. The training was part of a wider Early Warning Service project between the Met Office and the Rwanda National Meteorology Agency (Meteo Rwanda). A 24-hour weather watch system is now in place over Rwanda, and Meteo Rwanda has been able to take advantage of advances in weather and climate science to support decision making in all sectors.

### Enhanced preparedness in the Philippines

In 2014 the Philippine Atmospheric, Geophysical and Astronomical Service Administration (PAGASA) sought consultancy from the Met Office to support its weather information services to improve crisis preparedness. The support included human resource development, the introduction of new seasonal forecasting methods for longer-term planning purposes and SWEEP training. The project resulted in PAGASA issuing improved warnings and more consistent communication of significant weather events to the Philippine Government stakeholders and population, ultimately helping to save lives.



Met Office College delivering training in Rwanda

## Why choose the Met Office?

- The Met Office is a world-leading provider of weather and climate services and is consistently one of the top two operational weather forecasting services in the world.
- The Met Office has been providing meteorological tuition for more than 75 years and has earned a reputation for being a world-leading provider of weather and climate training.
- Our team of more than 20 trainers is experienced in many fields including aviation forecasting, climate science, road forecasting, observing and marine forecasting.
- Our training combines scientific excellence with hands-on experience. Situated within the Met Office head office, the College has access to exceptional facilities.
- The Met Office Hadley Centre is ranked as the number one geosciences research centre in the world.
- With the Met Office's extensive range of data and scientific expertise, you can be assured of receiving first-class forecast information.
- Our Unified Model is recognised as one of the leading numerical models for weather forecasting.
- Our supercomputer is one of the largest in Europe and carries out 1200 trillion calculations per second.



To find out more:

☎ +44 1392 885680

✉ [moc.enquiries@metoffice.gov.uk](mailto:moc.enquiries@metoffice.gov.uk)

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