StormTracker combines the world’s best forecasting data and science. For the first time this gives you expert-level access in a rich user-friendly interface. StormTracker is an essential decision making tool which can be used to evaluate risk and compare past and present storms.

StormTracker is web-based and displays global forecast information for tropical cyclones. The service provides 15-day forecasts for both the risk of storms forming and live storm strike probabilities by combining the output of three world-leading forecast models:

- The European Centre for Medium-Range Weather Forecasting’s (ECMWF) Ensemble Prediction System (EPS)
- The US National Oceanic and Atmospheric Administration’s (NOAA) Global Ensemble Forecast System (GEFS)
- The UK Met Office Global Regional Ensemble Prediction System (MOGREPS)

Notes on the use of StormTracker

StormTracker is not designed to aid decision-making where there is a risk to life and limb. It is designed to give a more detailed picture in comparison to other storm tracking software that is available. StormTracker does this by showing the output of several models in one place and many different scenarios of how the weather will evolve. This is useful if you are making financial or business decisions based on many possible scenarios. If you would like to access expert advice from Met Office forecasters to help you, please contact us at stormtracker@metoffice.gov.uk.

The Met Office strongly advises that if you need to make a decision on storm information that could affect safety, you visit the website of the meteorological centre for the region you are interested in. A list of these can be found on our website at: 
www.metoffice.gov.uk/weather/tropicalcyclone/warnings.html

Please see the user guide at www.metoffice.gov.uk/services/industry/financial/trading/stormtracker for guidance on the accuracy, limitations and advised use of the information in StormTracker.

Please note that the Met Office can accept no responsibility for the accuracy or content of data supplied to us by other modelling centres and strongly advises that you read your terms and conditions carefully.

Registration

StormTracker is accessible via our website for registered users.

New users:
https://register.metoffice.gov.uk/WaveRegistrationClient/register.do?service=stormtracker

Existing Met Office registered users for other products:
https://register.metoffice.gov.uk/WaveProfileManagementClient/registerstormtracker.do?service=stormtracker

To find out about accessing the advanced version of StormTracker, please email stormtracker@metoffice.gov.uk.

Once registered and subscribed to the additional content, you will be able to access the weather layers you have paid for, as well as the free content described above. Setting up the subscription to give you access to the full forecast content will take up to five days, so please allow enough time for this.

The subscription service also comes with free training, delivered via Webex, to make sure you use this powerful tool to its maximum potential.

Contact us today

For more information on our products and services, call us on 0870 900 0100 or +44 1392 885680 or email consulting@metoffice.gov.uk
A broader, longer-term view of tropical cyclone development

Unique forecast information includes ensemble data that extends out to 15 days to enable you to see the possible position of storms further ahead. The forecasts focus on Met Office data (MOGREPS) but also include European (ECMWF) and USA (NCEP-GEFS) models, plus multi-model combinations of these. This means the best scientific information in the world is at your fingertips.

Observed information and multi-centre forecasts

- **Forming storm probabilities**
  - Animated forming storm probabilities show places where tropical cyclones might form up to 15 days ahead. Forecasts from three different centres enable comparison of models.

- **Storm strike probabilities**
  - Multi-model forecasts show the probability of the centre of a named storm passing within a 75 mile radius of any location on the map for up to 15 days ahead. This enables you to assess risk to areas and installations of interest to your business.

- **Sea-surface temperatures**
  - Observed sea-surface temperatures show where the sea is warmest, which is a critical factor in tropical cyclone development and steering.

- **Historical tracks of named storms**
  - View the historical tracks of named storms in the North-East Pacific or North Atlantic basins, for comparison with current named storms. The database of historic storms goes back to 1851.