



Met Office



Smarter

Make a difference to your projects with our services for the building and construction industry

The Met Office has a comprehensive range of products and services specifically designed for the building and construction industry. Our services can benefit you – from the project planning stage, through to project delivery and assessing your project performance.

PROJECT PLANNING

New Engineering Contract planning averages report

The averages report provides a tool to identify potential downtime that you can expect during a contract period. This enables you to develop contingency plans and allows project managers to negotiate realistic contracts.

The report provides the monthly long-term average figures based on observational data collected over a 30 year period. It also includes the one-in-ten-year values identifying set thresholds for planning purposes.

Elements contained within the standard report include: monthly rainfall totals, days with more than 5 mm of rain, days with air frost and days with snow lying. Wind data can also be added if required.

Downtime long-term averages

We produce climate data reports so you can identify when weather conditions may hinder the progress of projects. This enables you to set realistic project timescales, identify potential periods of downtime and aid contingency planning.

The report presents a range of elements including rain, snow, wind, minimum/maximum temperature and frost, plus ten year averages for the same period across a range of UK locations.

RELIABLE PROJECT DELIVERY

Tower crane forecast service

The tower crane forecast service provides the mean and gust wind speeds (m.p.h. at required heights) and wind direction for the next five days. The service is tailored to your site taking into account terrain, surroundings and working height. It can be delivered by fax or email, on a one-off basis or as a routine delivery.

The forecast is easy to understand and is used to aid planning decisions for weather sensitive operations enabling you to:

- Ensure best possible health and safety of staff on site
- Reduce equipment hire time
- Save time and money when planning the allocation of resources
- Plan lifts with confidence
- Identify weather windows

Six-day forecast service

A site-specific forecast service of rain, temperature and wind for a six day period. This service can be delivered via fax or email on a one-off or a routine delivery basis.

The forecast is easy to understand and will save you time and money when planning the allocation of your resources.

Finance risk-based forecast

Risk-based forecasts can help you to manage resources, improve health and safety and plan operations in advance of weather events. These forecasts also provide uncertainty thresholds to enable swift and confident decision-making.

This daily forecast provides a risk assessment on the probability of heavy rain, high winds, freezing temperatures and thaw out to six days across eight UK regions.



ASSESSING PERFORMANCE AND RESOLVING ISSUES

We offer a number of post-project reports that will enable you to refine future procedures or settle contractual disputes.

General monthly summary

This authoritative record of weather data helps you relate contract performance to climate conditions. You can then log critical weather events which impact project execution and relate site efficiency to the weather.

The elements contained within the report include: day maximum temperature, day minimum temperature, daily rainfall totals, daily mean wind speed, daily maximum gust and sunshine hours.

New Engineering Contract monthly summary

This summary addresses the New Engineering Contract (NEC) requirement which specifies that claims for contract extensions can only be considered when the weather has been 'exceptionally severe' – worse than might be expected one year out of ten, taken over a thirty year average.

The reports enable you to compare figures for the month in question against the one in ten-year average for the same period. The report enables companies to settle NEC contract claims quickly and efficiently.

The elements contained within the report include: daily rainfall, days with more than 5 mm of rain, minimum air temperature, days with air frost, snow depth at 0900 hrs and days with snow lying. An Extended Engineering Contract (EEC) wind report can also be added if required.

MetBuild downtime summary

This report highlights the elements which exceed an operational threshold, and for how long. The figures provided can then be compared against long-term averages at the same locations.

The daily reports and long-term averages form a trusted baseline for comparison. This enables you to monitor the progress and efficiency of site operations, negotiate contract extensions or variations and settle contract disputes.

The elements contained within the report include: temperature and humidity, rainfall, snow and wind.

If you would like further information about our services for the building and construction industry please call us on 01392 885680 or email enquiries@metoffice.gov.uk