

TEMPES

EWC
Weather Solutions



FORECASTING FOR:

- Cross-regional and local power providers
- Energy traders (electricity & gas)
- Grid operators (electricity & gas)
- Power plant operators (fossil fuels)
- Wind energy experts and project developers
- Power plant operators in the renewables sector

WEATHER FORECAST

Location-specific weather forecast for any location worldwide

What will the weather at place X be like at time Y? EWC's Weather Forecast provides companies operating in weather-dependent sectors with location-specific weather forecasts for any location worldwide. It incorporates a range of leading-edge meteorological models, historical measurement time series and real-time data from relevant measurement sites together with any site-specific features. The forecast accuracy is further improved by the application of an internal statistical forecast model.

Your benefits from the Weather Forecast:

- Flexible selection of weather stations and locations
- Hourly updates with four new forecasts per day
- Location-specific forecasts
- Planning security
- Optimisation of your existing processes
- Rapid decision-making in business strategy planning

- Price risks in energy trading are reduced by the additional incorporation of the confidence interval or absolute error of the forecast
- Delivery times are tailored to your data management flows

EWC uses the following database:

- Meteorological data are exclusively from official national weather offices operating to WMO standards (World Meteorological Organization)
- Germany-wide hourly readings from over 1,000 weather stations of Deutscher Wetterdienst
- Europe-wide readings from over 2,500 weather stations at 1 – 6-hourly intervals
- Global readings from over 17,000 weather stations at 1-6 hourly intervals
- Leading-edge meteorological models
- Local features of specified location (e.g. hilltop, coast...) are incorporated



Our standard data processing:

- Hourly update for the next 24h and up to four updates daily in hourly breakdowns
- Statistical correction of the forecast
- All meteorological parameters relevant to the energy sector and indicators derived from them (e.g. wind chill factor, effective cloud cover, degree day figures)

Optional features:

- Additional provision of the confidence interval or absolute error in the forecast
- Additional provision of reference values such as climatic deviations (e.g. mean temperatures) or total accumulations (e.g. total precipitation)
- Additional meteorological parameters
- Temporal aggregation (e.g. daily mean temperatures)
- Individual calculations (e.g. degree day figures)
- Individual delivery times (e.g. per gas day)
- Cluster classification of temperatures in Germany into three degrees of precision (8, 25, 67)
- Temperatures for critical points of the grid to avoid power dips

Customised and flexible data provision:

- Visualisation: spreadsheet, charts
- Formats: TXT, CSV, EXCEL, XML
- Supplied as: e-mail, SFTP, pull and push, Web services, ISDN, P2P

Interactive, generic weather forecast charts at the EWC Website:

www.weather-consult.com offers interactive weather forecast charts showing historical and future temperatures and wind speeds for a period of 20 days. The forecast data are updated 4 times a day.

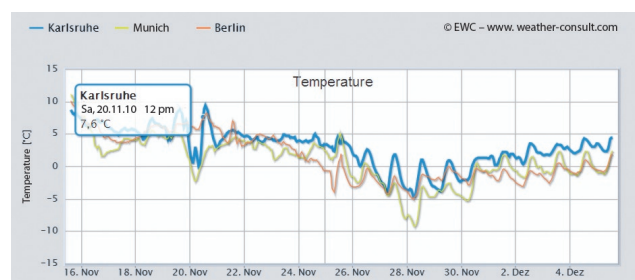


Chart from 25 November 2010 – temperature runs at weather stations in Karlsruhe, Munich and Berlin from 16.11. to 4.12.2010

We offer custom solutions for:

- Cross-regional power providers
- Local power providers (municipal utilities)
- Electricity and gas traders
- Electricity and gas grid operators
- Power plant operators (fossil fuels)
- Wind experts, wind project developers, wind power plant operators
- Hydropower and PV plant operators

The Weather Forecast can be combined with:



Energy Trading Forecast
Population-weighted forecast of daily mean temperatures in Europe

EWC Weather Consult GmbH

Enhancing efficiency, making risks calculable and minimising them, saving costs – all these energy market goals can be achieved with the help of EWC's meteorological data solutions and services. We provide high-quality global location- and time-specific forecasts, weather measurement data, simulations and analyses for customers in the energy sector. We cater to our customers' individual needs by offering a range of categories of standard products and custom solutions. For information on our extensive portfolio of products and solutions, visit www.weather-consult.com.