

## CAELUS

EWC  
Climate Solutions



### ANALYSIS FOR:

- Cross-regional and local power providers
- Energy traders (electricity & gas)
- Grid operators (electricity & gas)
- Wind energy experts and project developers

# CLIMATE TIME SERIES

## Global long-term means of temperature, precipitation and wind

How do you evaluate today's weather? Too cold? Too hot? Or in line with the average? With EWC's Climate Time Series, you can compare today's data with climate data from the past 15 years or the official mean climate patterns from 1961– 1990.

- Europe-wide readings from over 2,500 weather stations at 1 – 6-hourly intervals
- Global readings from over 17,000 weather stations
- High-resolution total precipitation data (1km x 1km)

### Your benefits from the Climate Time Series:

- Rapid and simple comparison of real-time data with mean temperature, precipitation and wind data
- A basis for evaluations and analyses, particularly when combined with EWC's short and medium-term forecasts for the energy trading and gas supply sectors

### Your service benefits with EWC:

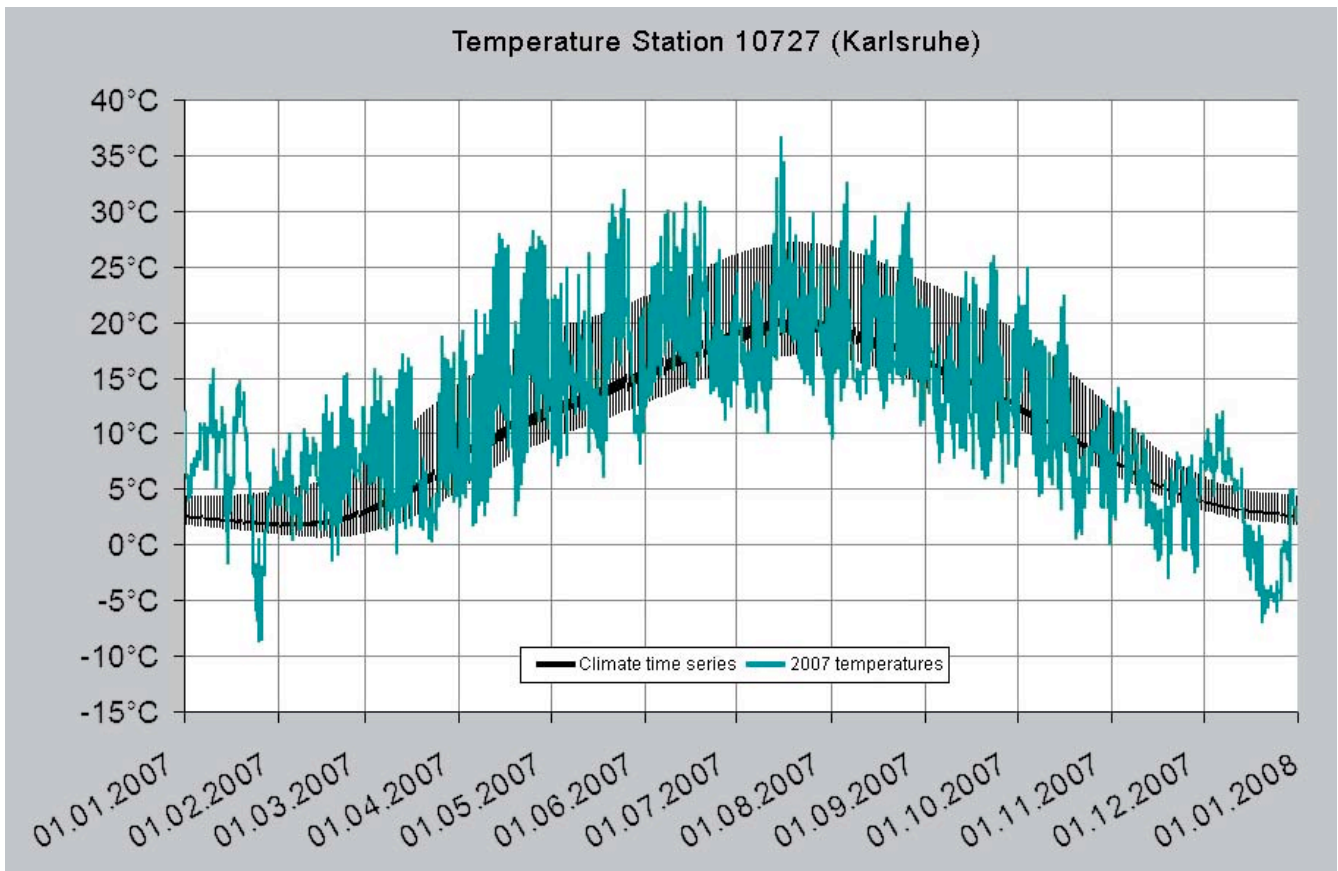
- Fast and customised handling of your requests
- Industry-specific consultancy
- Outstanding price/performance ratio
- Secure and reliable service is guaranteed by the use of flexible and continuous data interfaces
- The Climate Time Series are easily integrated into all EDM (energy data management) systems

### 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

### Our standard data processing:

The raw data for temperature, precipitation and wind can be supplied as raw data or are processed to show means by applying the Fourier analysis.



Comparison of temperatures in 2007 with the synthetic climate time series for 1997–2007.

### 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

## 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](http://www.weather-consult.com).