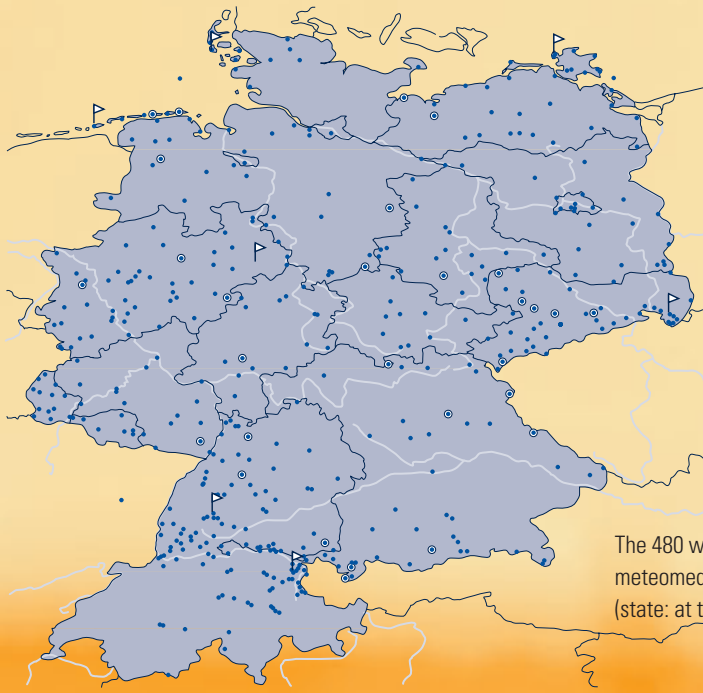


wetter'Service

| Observation | Forecasts | Information | Expertises | Data Export |



mc | meteo|control |



The 480 weather stations of meteomedia AG (state: at the end of 2002)



Jörg Kachelmann  
TV meteorologist

Precise weather data are not only a prerequisite for your load forecasts, they are also necessary for the supply of local weather information and the delivery of expert opinions. Furthermore, you need precise weather data to judge the power consumption of facilities and the gas consumption of tomorrow. Reliable weather forecasts therefore constitute the basis of economic energy management. Utility companies and network operators, energy manager of large facilities and engineers specialized in Facility Management, as well as insurance companies and experts, they all depend on precise weather forecasts and detailed historical weather records.

**wetter' Service – a General Account\_**

The weather portal provided by meteocontrol guarantees your professional access to weather data of the largest European weather database.

meteocontrol is a subsidiary of the meteomedia AG owned by Jörg Kachelmann, the best-known German meteorologist. The meteomedia AG has at its disposal the densest private measuring network consisting of 380 weather stations in Germany or 480 stations throughout Europe. And this network keeps constantly growing, i.e., annually 70 new stations start operations.

In addition, we have access to weather data of state-run weather services, airports and the German Federal Armed Forces. The weather data is analysed in three computing centres located in Augsburg, Bochum and Gais. To derive precise local weather information from supraregional weather models, meteomedia AG uses its self-developed meteomedia MOS (MOS = Modell Output Statistics), which has received awards every year since 1994.

• Observation\_

The meteocontrol weather portal gives you a professional survey of the current and the expected weather situation. The hourly weather data input is fed into the meteocontrol GIS (Geographic Information System) and will be processed graphically for your specific region.

• Forecasts\_

We inform you about the weather of tomorrow! Our weather portal will provide you with information about temperatures, rainfall, global radiation or the yield of your wind power plant in hourly resolution.

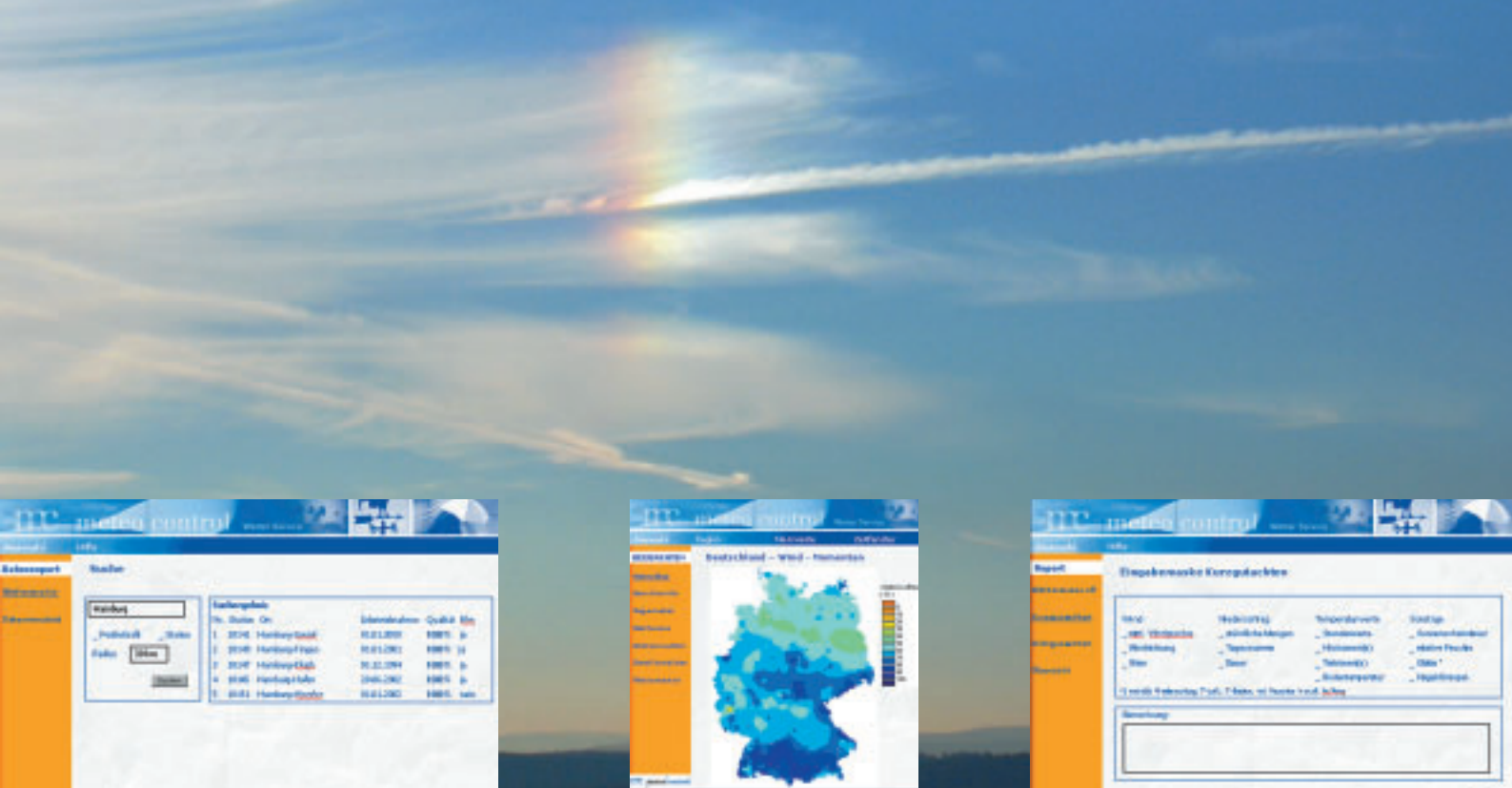
• Reports\_

Information and expert opinions – The weather portal not only allows you rapid access to information you may desire, but also enables you to insert complete text components, graphics and tables into your reports. Our hotline connects you, furthermore, to qualified meteorologists and climatologists.

• Data export\_

Our weather portal can also communicate directly with your data processing applications. Clearly arranged menus support you configuring the required streams and give a comprehensive survey of the booked jobs and their respective costs.





# wetter'Service\_

## wetter'Service – Detailed Information\_

### Data export\_

- Independent configuration of automated data deliveries
- Continuous supply of measured values or forecasts
- Automated data delivery via FTP or e-mail

### Weather observation\_

- Current weather reports hourly
- Meteo'Map® gives a survey of the weather situation in Europe down to more detailed information on single rural districts or postal zones
- Fade in of customized additional information (Energy provider networks, your real properties...)

### Thunderstorm info\_

- Survey of current lightning strokes above Germany
- or more detailed information at state or rural district level
- Representation of local thunderstorm activity via address key
- Access to historical data in the field of expert opinions and weather information

### Rainfall radar\_

- Evaluation of radar pictures after rainfall and hail
- Local short-time forecasts of rain fall within the next two hours

### Weather information\_

We hold at your disposal the following products and services which support you in judging the weather situation:

- Weather information
- Short expertises
- Information in a flash (thunderstorm yes/no)
- Expertises in a flash
- Special expertises

The weather portal gives you direct access to the meteocontrol database. Furthermore, it constitutes a useful tool for writing reports by enabling you to insert meteocontrol weather information in prepared, corporate text components as text, graphic or table.



Our climatologists and meteorologists will be at your disposal and should appreciate to give their opinion on the current or historical local weather situation.

## Wind power forecast

### Useful information for mains operation and trading

- Even now the fed-in wind power has a great influence on the mains operation. Therefore precise forecasts of the wind power are decisive to guarantee a reliable mains supply operation and to strengthen the further expansion of wind power plants.
- Precise forecasts reduce the demand of expensive regulating energy.
- Wind power forecasts means a worthwhile lead of information for merchants at current exchanges.

### Scientific precision

- The meteocontrol wind power forecast rests on PREVIENTO, a forecast model based on physical principles and developed by the University Oldenburg.
- Besides the forecast wind power a confidence interval will also be indicated. In this way the user has the benefit of a solid basis when it comes to planning the demand of regulating energy and decision-making at the exchange.

### Individual Forecasts

- We provide wind power forecasts for individual sites, regions, network areas and nationwide forecasts.
- Meteocontrol wind power forecasts give you an outlook on the next five days in hourly resolution.



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**mc** | meteocontrol |

**wetter'Service**

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