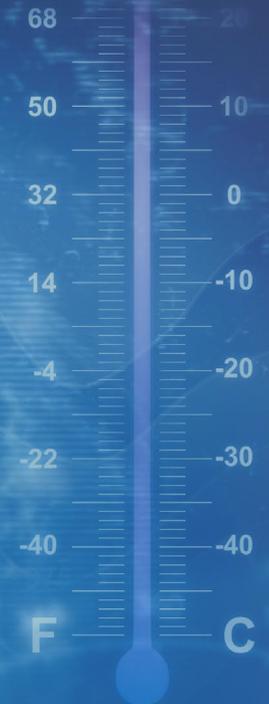# WEATHER-API

WetterOnline Weather-API

Weather happens everywhere and always - and is highly variable.
Thus, accurate weather information is of great benefit for any product and application, be it to keep your customers well informed or to monitor weather-affected processes.

WetterOnline has set itself the goal to provide the best possible and most comprehensive weather information. We aspire to make our products accurate, up-to-date and easily accessible.
Our Weather-API is a convenient and easy way to secure weather data for your individual purposes. It provides you with an access to a broad variety of meteorological data to be integrated in websites, mobile apps or other applications.

Information about the current weather and forecasts is provided for any place all over the world. A search function enables you to find locations via geo coordinates, city names or postal codes (Germany).

Available packages

current	Real-time analyses of the current weather. Updates are available every 15 minutes
hourly72	72-hour-ahead forecast in hourly resolution starting with the current day 00:00. Includes daily values for the whole day as well (e.g. max/min temperature)
daily8	Forecast of daily values for the current day and the coming 7 days
daily14	Forecast of daily values for the current day and the coming 13 days
day6parts	Forecast for 4 parts of the day (morning, afternoon, evening, night) and daily values for the current day and the coming 5 days.
yesterday	Analysis of yesterday's weather in hourly resolution and daily values for the whole day.

Data formats are XML and JSON.

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Parameters

Parameters for each forecast interval	Daily values	Additional information
weather condition	weather condition	
temperature	maximum and minimum temperatur	
wind chill temperature	minimum ground temperature	sunrise and
wind direction and speed	wind direction and speed (daily average)	sunset time
maximum wind gust	maximum wind gust	
precipitation probability and amount	precipitation probability and amount	
duration of precipitation in the interval	duration of precipitation	
sunshine duration in the interval	sunshine duration	
global radiation	global radiation (daily average)	moonrise and
relative humidity	relative humiditiy (daily average)	moonset time
surface pressure	surface pressure (daily average)	

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Your benefits

- access weather information for any place worldwide

- find locations via geo-coordinates

- create your own design (JSON or XML format)

- choose the suitable data package

- benefit from our continuous advancements in forecasting

We are looking forward to submitting you an individual offer
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