

One Call API 3.0

Choose the subscription plan **"One Call by Call"** and get access to the various data for any coordinates **with One Call API 3.0**.

1,000 API calls per day for free! **Pay as you call**.

Included data	Time
Current weather	Now
Minute forecast	Next hour
Hourly forecast	Next 48 hours
Daily forecast	Next 8 days
Weather data by any timestamp	40+ years back - 4 days ahead forecast
National weather alerts	All available data
Daily aggregation	45 years back - 1,5 years ahead forecast
Weather overview	human-readable weather summary



OpenWeather

Use our Professional collections to get coordinates on the globe

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For professionals and specialists with middle and large sized project, we offer either an extended data sets, or various tools for receiving and displaying

For each point on the globe, we provide historical, current and forecasted weather data via light-speed APIs.

Minute-by-minute forecast

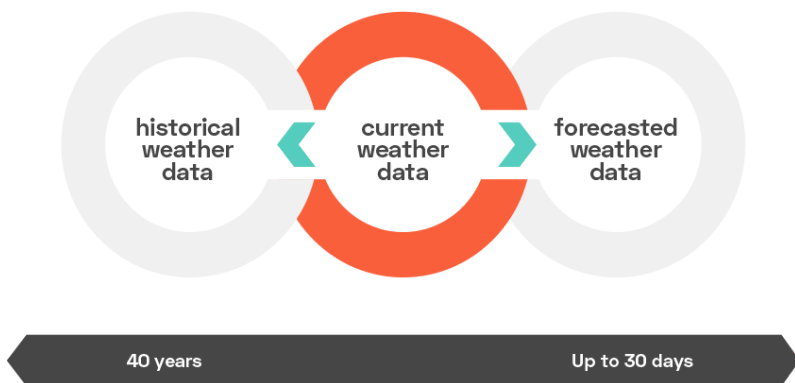
Other forecasts:

hourly (4-day), daily (16-day), 30-day climate forecast

Historical data

with 40-year archive for any coordinates

Weather for **any** geographic coordinates on the globe



Weather data

Forecasted weather data

1 min for 2 hours Global

Hourly forecast for 4 days Global

Daily forecast for 16 days Global

Climate forecast for 30 days Global

Detailed forecasts available by city name, city ID, ge

OpenWeather

Our technology **Time Machine**, has allowed us to enhance data in the Historical Weather Collection: historical weather

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Current weather data

Zip codes
(~42 000,
US)

Cities
(200 000,
global)



Access current weather data for any location on Earth including over 200,000 cities! The data is frequently updated based on the global and local weather models, satellites, radars and a vast network of weather stations.

how to obtain

APIs

(subscriptions with various limits on calls/min, data availability, and service)

Prepared bulks

(cities, zip codes)



OpenWeather

Our new products



Solar Panel Energy Prediction

This product provides users with current, forecast and historical solar panel power output data based on the panel's technical characteristics for any coordinates on the globe. In addition each response includes essential solar



Solar Irradiance

This product provide current, forecast and solar irradiance data for any coordinates on the globe. It includes DNI, DHI and GHI for the Clear Sky and All Sky models.

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- Climate data for regions and particular field
- Soil and weather data

[Learn more](#)


- Vegetation indices and Historical NDVI chart
- Current, Forecast and Historical weather data

[Learn more](#)

Weather maps

Forecast, Current and Historical

Using only one API call, you can get Forecast (for 10 days with 3-hour step), Historical, and Current weather maps.

15 map layers include the most useful data, such as precipitation, clouds, pressure, temperature, wind,  many more.

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OpenWeather

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14,000+ OpenWeatherMap weather API repositories on GitHub

Find lots of workouts with our weather APIs on PHP, Java, Python, Go and many others on the Partners page together with 14,000+ repositories on GitHub

Product Collections

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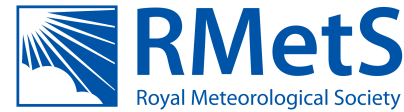
OpenWeather for Business

ChatBot assistant

Ask a question

OpenWeather

Download OpenWeather app





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