

OpenWebAPI Account Creation

OpenWeather

Weather in your city

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Weather API

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Please, [sign up](#) to use our fast and easy-to-work weather APIs. As a start to use OpenWeather products, we recommend our [One Call API 3.0](#). For more functionality, please consider our products, which are included in [professional collections](#).

One Call API 3.0 NEW

API docSubscribe

Make one API call and receive all essential weather data in one response:

- Minute forecast for 1 hour
- Hourly forecast for 48 hours
- Daily forecast for 8 days
- Historical data for 40+ years back by timestamp
- National weather alerts

Read more about this API and subscription plan in the [FAQ](#).

Pay as you call

1,000 API calls per day for free
0.0012 GBP per API call over the daily limit

Subscribe to One Call by Call

This is a separate subscription plan, which include only One Call API.

Professional collections

For professionals and specialists with middle sized project, we recommend our Professional collections, which included [Current & Forecasts collection](#), [Historical weather data collection](#), [Weather Maps collection](#) and other APIs.

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Built-in API request by city name

You can call by city name or city name, state code and country code. Please note that searching by states available only for the USA locations.

API call

`https://api.openweathermap.org/data/2.5/weather?q={city name}&appid={API key}`

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`https://api.openweathermap.org/data/2.5/weather?q={city name},{country code}&appid={API key}`

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`https://api.openweathermap.org/data/2.5/weather?q={city name},{state code},{country code}&appid={API key}`

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Parameters

q	required	City name, state code and country code divided by comma. Please, refer to ISO 3166 for the state codes or country codes. You can specify the parameter not only in English. In this case, the API response should be returned in the same language as the language of requested location name if the location is in our predefined list of more than 200,000 locations.
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Call current weather data

How to make an API call

Bulk downloading

Weather fields in API response

JSON

XML

List of condition codes

Min/max temperature in current weather

API and forecast API

Other features

Geocoding API

Built-in geocoding

Built-in API request by city name

Built-in API request by city ID

Built-in API request by ZIP code

Format

Units of measurement

Multilingual support

Call back function for JavaScript code