

WeatherAPI

GET APIDocumentation2

`https://api.openweathermap.org/data/3.0/onecall?lat={lat}&lon={lon}&exclude={part}&appid={API key}&Key=d5e374d4688e7716b8c59a6b1d123212`

Product concept

Get essential weather data, short-term and long-term forecasts and aggregated weather data is easy with our OpenWeather **One Call API 3.0**. This product designed to ensure **easy migration from the Dark Sky API**.

One Call API 3.0 contains 4 endpoints and provides access to various data:

- and government weather alerts
 - minute forecast for 1 hour
 - hourly forecast for 48 hours
 - daily forecast for 8 days
- **Weather data for any timestamp** for 45 years historical archive and 4 days ahead forecast
- **Daily aggregation** of weather data for 45 years archive and 1.5 years ahead forecast
- **Weather overview** with a human-readable weather summary for today and tomorrow's forecast, utilizing OpenWeather AI technologies

One Call API 3.0 is based on the proprietary **OpenWeather Model** and is updated every 10 minutes. Thus, in order to receive the most accurate and up-to-date weather data, we recommend you request One Call API 3.0 every 10 minutes.

PARAMS

lat	{lat} Latitude, decimal (-90; 90). If you need the geocoder to automatic convert city names and zip-codes to geo coordinates and the other way around, please use our Geocoding API
lon	{lon} Longitude, decimal (-180; 180). If you need the geocoder to automatic convert city names and zip-codes to geo coordinates and the other way around, please use our Geocoding API

exclude

{part}

By using this parameter you can exclude some parts of the weather data from the API response. It should be a comma-delimited list (without spaces). Available values:

current minutely hourly daily alerts

appid

{API key}

Your unique API key (you can always find it on your account page under the "API key" tab)

Key

d5e374d4688e7716b8c59a6b1d123212