Lab9

GET get

https://api.openweathermap.org/data/3.0/onecall?lat={33.44}&lon={-94.04}&exclude={part}&appid={d70223342f0aa1b5a85bba8826c7241a}

StartFragment

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 46+ years historical archive and 4 days ahead forecast
- **Daily aggregation** of weather data for 46+ 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.

Please note, that One Call API 3.0 is included in the "One Call by Call" subscription **only**. This separate subscription includes 1,000 calls/day for free and allows you to pay only for the number of API calls made to this product. Please note, that you do not need to subscribe to any other OpenWeather subscription plans to get access to the One Call API 3.0. Please find more details on the pricing page and FAQ or ask Ulla, OpenWeather AI assistant.

EndFragment

PARAMS

lat {33.44}

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	{-94.04} 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} Your unique API key (you can always find it on your account page under the "API key" tab)
appid	{d70223342f0aa1b5a85bba8826c7241a} 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:

POST post

https://api.openweathermap.org/data/3.0/onecall?lat={33.44}&lon={-94.04}&exclude={part}&appid={Ad7022
3342f0aa1b5a85bba8826c7241a}

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PUT put

https://api.openweathermap.org/data/3.0/onecall?lat={33.44}&lon={-94.04}&exclude={part}&appid={d70223
342f0aa1b5a85bba8826c7241a}

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DELETE delete

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https://api.openweathermap.org/data/3.0/onecall?lat={33.44}&lon={-94.04}&exclude={part}&appid={d70223342f0aa1b5a85bba8826c7241a}

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PATCH patch

https://api.openweathermap.org/data/3.0/onecall?lat={33.44}&lon={-99.04}&exclude={part}&appid={d70223342f0aa1b5a85bba8826c7241a}

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