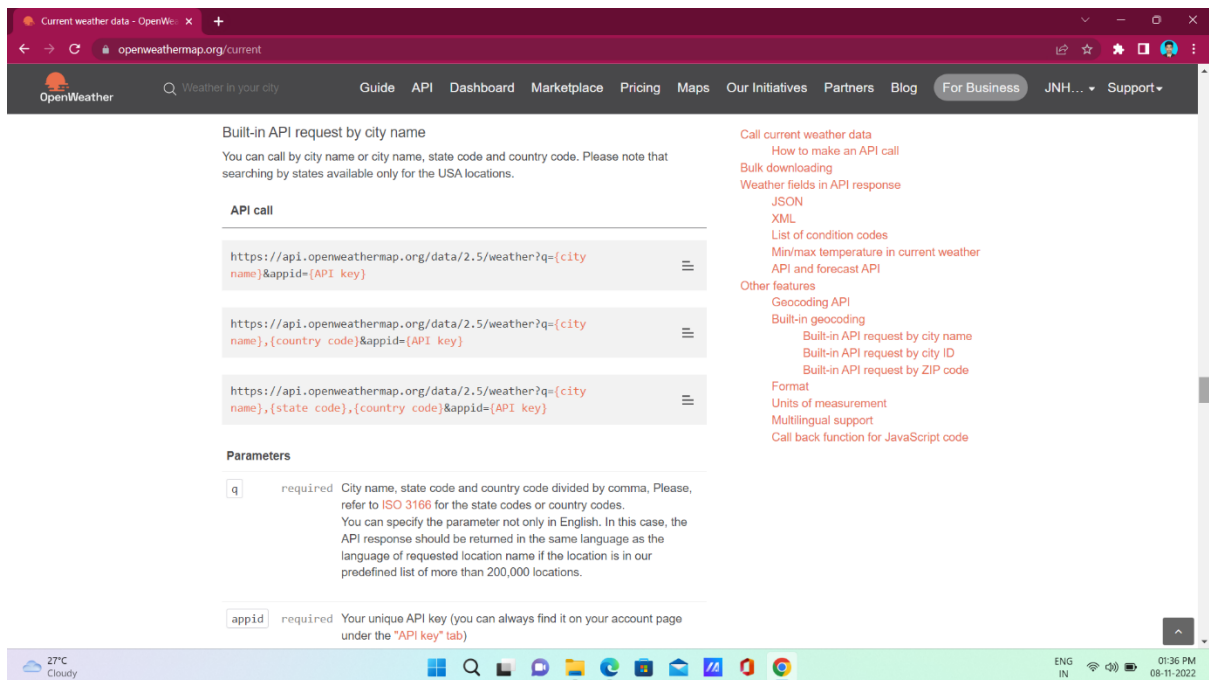


PREREQUISITES

Create an account openweathermap website

Team ID : PNT2022TMID31446

Project Name Project - SIGNS WITH SMART
CONNECTIVITY FOR BETTER ROAD SAFE



The screenshot shows the OpenWeather API documentation page for current weather data. The page is titled "Built-in API request by city name" and provides instructions on how to make an API call. It includes three example URLs for different request formats: by city name, by city name and country code, and by city name, state code, and country code. The page also lists various parameters and their required values, such as 'q' (city name, state code, and country code) and 'appid' (API key). A sidebar on the right contains links to other API features like bulk downloading, weather fields, and geocoding API.

Current weather data - OpenWeatherMap

openweathermap.org/current

OpenWeatherMap Weather in your city Guide API Dashboard Marketplace Pricing Maps Our Initiatives Partners Blog For Business JNH... Support

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}

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

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

Parameters

Parameter	Required	Description
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.
appid	required	Your unique API key (you can always find it on your account page under the "API key" tab)

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

27°C Cloudy

ENG IN 01:36 PM 08-11-2022

Weather API - OpenWeatherMap

openweathermap.org/api

OpenWeather

Weather in your city

GuideAPIDashboardMarketplacePricingMapsOur InitiativesPartnersBlogFor BusinessJNH...Support

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.

For Enterprise level projects we provide Enterprise license, which is included all forecast products and current state, along with alerts, maps, and other products. [Learn more](#)

You can read the [How to Start](#) guide and enjoy using our powerful weather APIs right now.

Current & Forecast weather data collection

Current Weather Data

API docSubscribe

- Access current weather data for any location including over 200,000 cities
- We collect and process weather data from different sources such as global and local weather models, satellites, radars and a vast network of weather stations
- JSON, XML, and HTML formats
- Included in both free and paid subscriptions

Hourly Forecast 4 days

API docSubscribe

- Hourly forecast is available for 4 days
- Forecast weather data for 96 timestamps
- JSON and XML formats
- Included in the Developer, Professional and Enterprise subscription plans

Daily Forecast 16 days

API docSubscribe

- 16 days forecast is available for any location on the globe
- 1-day step for 16 days
- JSON and XML formats
- Included in all paid subscription plans

Climatic Forecast 30 daysBulk DownloadGlobal Weather Alerts

27°C Cloudy

ENG IN 01:34 PM 08-11-2022

Members

home.openweathermap.org/api_keys

OpenWeather

Weather in your city

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Notice

API key was created successfully

New ProductsServicesAPI keysBilling plansPaymentsBlock logsMy ordersMy profileAsk a question

You can generate as many API keys as needed for your subscription. We accumulate the total load from all of them.

Key	Name	Status	Actions
26719f4433bbb8147399118719741c6	harshavarthan	Active	
c1b2dd0b67bab8ed11380118de0fd9f7	jawahar	Active	
da4843ddc51e3c84425afb4d361ebacd	navlaigan	Active	
1b0accbd381446cf8c907e8d7ad7d089	harish	Active	

Create key

API key nameGenerate

https://home.openweathermap.org/home

27°C Cloudy

ENG IN 01:31 PM 08-11-2022

Weather forecast - OpenWeather

openweathermap.org/city/1273865

OpenWeather

Weather in your city

GuideAPIDashboardMarketplacePricingMapsOur InitiativesPartnersBlogFor BusinessJNH...Support

Nov 8, 01:32pm

Coimbatore, IN

30°C

Feels like 31°C. Haze. Gentle Breeze

5.1m/s NE

1013hPa

Humidity: 51%

UV: 9

Dew point: 19°C

Visibility: 5.0km

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No precipitation within an hour

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