

PREREQUISITES

Create an account in Open Weather Map website

Date : 19 October 2022

Team ID : PNT2022TMID11625

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

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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}
```

```
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

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

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](#)

```
api.openweathermap.org/data/2.5/weather?q=Chennai,IN&appid=130119e35aef80e3e522887636e649bf

{"coord":{"lon":80.2785,"lat":13.0878},"weather":[{"id":802,"main":"Clouds","description":"scattered clouds","icon":"03d"}],"base":"stations","main":{"temp":306.14,"feels_like":313.14,"temp_min":306.14,"temp_max":306.14,"pressure":1007,"humidity":62,"visibility":6000,"wind":{"speed":4.63,"deg":120},"clouds":{"all":40},"dt":1665914271,"sys":{"type":1,"id":9218,"country":"IN","sunrise":1665880148,"sunset":1665922775},"timezone":19800,"id":1264527,"name":"Chennai","cod":200}
```

Type here to search

33°C Partly sunny 2:59 AM 10/16/2022

openweathermap.org/find?q=chennai

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

Weather in your city

chennai Search

Chennai, IN

scattered clouds

33°C temperature from 33 to 33 °C, wind 3.6 m/s, clouds 40 %, 1007 hpa

Geo coords [13.0878, 80.2785]

Search engine is very flexible. How it works:

- To make it more precise put the city's name, comma, 2-letter country code (ISO3166). You will get all proper cities in chosen country. The order is important - the first is city name then comma then country. Example - London, GB or New York, US.

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