

PREREQUISITES

Create an account in Open Weather Map website

Team ID : PNT2022TMID11625

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

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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Current Weather Data

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- 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



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

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](#)

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[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](#)

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[Multilingual support](#)

[Call back function for JavaScript code](#)



```
{
  "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
    }
  }
}
```



Weather in your city

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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.

Plesk

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