

PREREQUISITES CREATE AN ACCOUNT OPEN WEATHERMAP WEBSITE

Team ID : PNT2022TMID12069

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

Welcome to Project! Delighted to... IBM IBM-Project-20178-1659714220 WhatsApp Current weather data - OpenWe...

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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 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.

Call current weather data
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28°C Mostly cloudy 09:40 30-10-2022

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 doc](#) [Subscribe](#)

- 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

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- 1-day step for 16 days
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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
c206723844926cbcdcc6d6fadd5ee56	kamaraj	Active	<div><div></div><div></div><div></div></div>
f67f74461bc019cbd0bef659486a5aed	kamaraj	Active	<div><div></div><div></div><div></div></div>
91fce37b3b01ceed92504c950a2291de	SALEM.IN	Active	<div><div></div><div></div><div></div></div>

Create key

API key name

Generate

Product Collections

Current and Forecast APIs

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Weather Dashboard

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How to start

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FAQ

Company

OpenWeather is a team of IT experts and data scientists that has been practising deep weather data science since 2014. For each point on the globe, OpenWeather provides historical, current and forecasted weather data via light-speed APIs. Headquarters in London, UK.

Type here to search

29°C Mostly cloudy11:2130-10-2022

Oct 31, 01:44pm
Salem, IN

29°C

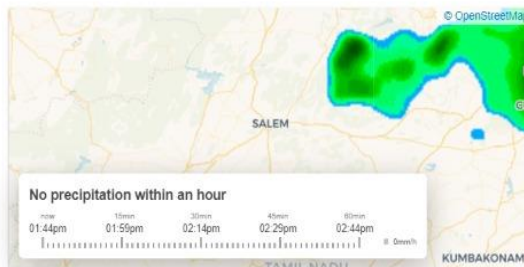
Heavy Rain

Feels like 30°C. Broken clouds. Light breeze

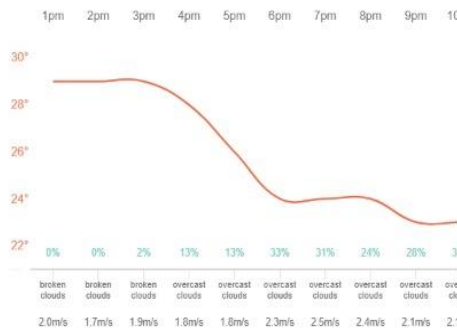
2.0m/s NE 1009hPa

Humidity: 48% UV: 7

Dew point: 17°C Visibility: 10.0km



Hourly forecast



8-day forecast

Mon, Oct 31	29 / 21°C	overcast clouds
Tue, Nov 01	29 / 22°C	moderate rain
Wed, Nov 02	27 / 22°C	moderate rain
Thu, Nov 03	27 / 21°C	light rain
Fri, Nov 04	28 / 21°C	light rain
Sat, Nov 05	29 / 21°C	light rain
Sun, Nov 06	29 / 21°C	moderate rain
Mon, Nov 07	27 / 21°C	light rain