

Prerequisites

Create an account in Openweathermap Website

Date	07 September 2022
Team ID	PNT2022TMID22163
Project Name	Project – SMART FARMER-IOT ENABLED SMART FARMING APPLICATION
Maximum Marks	4 Marks

SMART FARMER-IOT ENABLED SMART FARMING APPLICATION

The screenshot shows the OpenWeather API website in a web browser. The browser's address bar displays 'openweathermap.org/api'. The website's navigation bar includes links for 'Weather in your city', 'Guide', 'API', 'Dashboard', 'Marketplace', 'Pricing', 'Maps', 'Our Initiatives', 'Partners', 'Blog', 'For Business', 'Nithy...', and 'Support'. The main heading is 'Weather API'. Below this, a paragraph encourages users to sign up for the fast and easy-to-work weather APIs, recommending the 'One Call API 3.0'. A 'Subscribe' button is visible. The 'One Call API 3.0' is highlighted with a 'NEW' tag. A list of features is provided: Minute forecast for 1 hour, Hourly forecast for 48 hours, Daily forecast for 8 days, Historical data for 40+ years back by timestamp, and National weather alerts. A pricing section titled 'Pay as you call' shows '1,000 API calls per day for free' and '0.0012 GBP per API call over the daily limit'. A 'Subscribe to One Call by Call' button is present. A note states that this is a separate subscription plan including only the One Call API. The 'Professional collections' section is partially visible at the bottom. The Windows taskbar at the bottom shows the time as 9:20 PM on 11/11/2022.

Weather API

Please, [sign up](#) to use our fast and easy-to-work weather APIs. As a start to use OpenWeather products, we recommend our [One Call API 3.0](#). For more functionality, please consider our products, which are included in [professional collections](#).

One Call API 3.0 NEW

[API doc](#) [Subscribe](#)

Make one API call and receive all essential weather data in one response:

- Minute forecast for 1 hour
- Hourly forecast for 48 hours
- Daily forecast for 8 days
- Historical data for 40+ years back by timestamp
- National weather alerts

Read more about this API and subscription plan in the [FAQ](#).

Pay as you call

1,000 API calls per day for free
0.0012 GBP per API call over the daily limit

[Subscribe to One Call by Call](#)

This is a separate subscription plan, which include only One Call API.

Professional collections

Find - OpenWeatherMap

openweathermap.org/find?q=Chennai

OpenWeather

Weather in your city

Guide

API

Dashboard

Marketplace

Pricing

Maps

Our Initiatives

Partners

Blog

For Business

Nithy...

Support

Weather in your city

Chennai

Search

Chennai, IN **broken clouds**

29°C temperature from 29 to 29 °C, wind 4.12 m/s, clouds 75 %, 1009 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.

29°C Cloudy

ENG IN

2:19 PM

11/3/2022

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