**key** = 9daf452fc2d70c0bd86a388fa34dbdf2

**url** = https://api.openweathermap.org/data/2.5/weather?q={city name}&appid={API key}&units=metric

JSON format API response fields

* coord
  + coord.lon Longitude of the location
  + coord.lat Latitude of the location
* weather (more info [Weather condition codes](https://openweathermap.org/weather-conditions))
  + weather.id Weather condition id
  + weather.main Group of weather parameters (Rain, Snow, Clouds etc.)
  + weather.description Weather condition within the group. Please find more [here.](https://openweathermap.org/current#list) You can get the output in your language. [Learn more](https://openweathermap.org/current#multi)
  + weather.icon Weather icon id
* base Internal parameter
* main
  + main.temp Temperature. Unit Default: Kelvin, Metric: Celsius, Imperial: Fahrenheit
  + main.feels\_like Temperature. This temperature parameter accounts for the human perception of weather. Unit Default: Kelvin, Metric: Celsius, Imperial: Fahrenheit
  + main.pressure Atmospheric pressure on the sea level, hPa
  + main.humidity Humidity, %
  + main.temp\_min Minimum temperature at the moment. This is minimal currently observed temperature (within large megalopolises and urban areas). Please find more info [here.](https://openweathermap.org/current#min) Unit Default: Kelvin, Metric: Celsius, Imperial: Fahrenheit
  + main.temp\_max Maximum temperature at the moment. This is maximal currently observed temperature (within large megalopolises and urban areas). Please find more info [here.](https://openweathermap.org/current#min) Unit Default: Kelvin, Metric: Celsius, Imperial: Fahrenheit
  + main.sea\_level Atmospheric pressure on the sea level, hPa
  + main.grnd\_level Atmospheric pressure on the ground level, hPa
* visibility Visibility, meter. The maximum value of the visibility is 10 km
* wind
  + wind.speed Wind speed. Unit Default: meter/sec, Metric: meter/sec, Imperial: miles/hour
  + wind.deg Wind direction, degrees (meteorological)
  + wind.gust Wind gust. Unit Default: meter/sec, Metric: meter/sec, Imperial: miles/hour
* clouds
  + clouds.all Cloudiness, %
* rain
  + rain.1h (where available) Rain volume for the last 1 hour, mm. Please note that only mm as units of measurement are available for this parameter
  + rain.3h (where available) Rain volume for the last 3 hours, mm. Please note that only mm as units of measurement are available for this parameter
* snow
  + snow.1h(where available) Snow volume for the last 1 hour, mm. Please note that only mm as units of measurement are available for this parameter
  + snow.3h (where available)Snow volume for the last 3 hours, mm. Please note that only mm as units of measurement are available for this parameter
* dt Time of data calculation, unix, UTC
* sys
  + sys.type Internal parameter
  + sys.id Internal parameter
  + sys.message Internal parameter
  + sys.country Country code (GB, JP etc.)
  + sys.sunrise Sunrise time, unix, UTC
  + sys.sunset Sunset time, unix, UTC
* timezone Shift in seconds from UTC
* id City ID. Please note that built-in geocoder functionality has been deprecated. Learn more [here](https://openweathermap.org/current#builtin)
* name City name. Please note that built-in geocoder functionality has been deprecated. Learn more [here](https://openweathermap.org/current#builtin)
* cod Internal parameter

JSON

{

"coord": {

"lon": 10.99,

"lat": 44.34

},

"weather": [

{

"id": 501,

"main": "Rain",

"description": "moderate rain",

"icon": "10d"

}

],

"base": "stations",

"main": {

"temp": 298.48,

"feels\_like": 298.74,

"temp\_min": 297.56,

"temp\_max": 300.05,

"pressure": 1015,

"humidity": 64,

"sea\_level": 1015,

"grnd\_level": 933

},

"visibility": 10000,

"wind": {

"speed": 0.62,

"deg": 349,

"gust": 1.18

},

"rain": {

"1h": 3.16

},

"clouds": {

"all": 100

},

"dt": 1661870592,

"sys": {

"type": 2,

"id": 2075663,

"country": "IT",

"sunrise": 1661834187,

"sunset": 1661882248

},

"timezone": 7200,

"id": 3163858,

"name": "Zocca",

"cod": 200

}

Example with Dhaka City

|  |  |
| --- | --- |
| coord |  |
| lon | 90.4074 |
| lat | 23.7104 |
| weather |  |
| 0 |  |
| id | 721 |
| main | "Haze" |
| description | "haze" |
| icon | "50n" |
| base | "stations" |
| main |  |
| temp | 29.99 |
| feels\_like | 32.42 |
| temp\_min | 29.99 |
| temp\_max | 29.99 |
| pressure | 1008 |
| humidity | 58 |
| visibility | 4000 |
| wind |  |
| speed | 2.06 |
| deg | 250 |
| clouds |  |
| all | 2 |
| dt | 1715349554 |
| sys |  |
| type | 1 |
| id | 9145 |
| country | "BD" |
| sunrise | 1715296727 |
| sunset | 1715344249 |
| timezone | 21600 |
| id | 1185241 |
| name | "Dhaka" |
| cod | 200 |