

# Weather icons

## Example

<http://api.openweathermap.org/data/2.5/weather?q=London> (<http://samples.openweathermap.org/data/2.5/weather?q=London&appid=b1b15e88fa797225412429c1c50c122a1r>)

```
{
  "coord": {
    "lon": -0.13,
    "lat": 51.51
  },
  "weather": [
    {
      "id": 500,
      "main": "Rain",
      "description": "light rain",
      "icon": "10n"
    }
  ],
  "base": "cmc stations",
  "main": {
    "temp": 286.164,
    "pressure": 1017.58,
    "humidity": 96,
    "temp_min": 286.164,
    "temp_max": 286.164,
    "sea_level": 1027.69,
    "grnd_level": 1017.58
  },
  "wind": {
    "speed": 3.61,
    "deg": 165.001
  },
  "rain": {
    "3h": 0.185
  },
  "clouds": {
    "all": 80
  },
  "dt": 1446583128,
  "sys": {
    "message": 0.003,
    "country": "GB",
    "sunrise": 1446533902,
    "sunset": 1446568141
  },
  "id": 2643743,
  "name": "London",
  "cod": 200
}
```

NOTE: It is possible to meet more than one weather condition for a requested location.

An example (<http://samples.openweathermap.org/data/2.5/find?q=London&appid=b1b15e88fa797225412429c1c50c122a1r>)







The first weather condition in API respond is primary.













## How to get icon URL

For code 501 - moderate rain icon = "10d"

URL is <http://openweathermap.org/img/w/10d.png> (<http://openweathermap.org/img/w/10d.png>)

## Icon list

Day icon	Night icon	Description
01d.png 	01n.png 	clear sky
02d.png 	02n.png 	few clouds
03d.png 	03n.png 	scattered clouds

04d.png 	04n.png 	broken clouds
09d.png 	09n.png 	shower rain
10d.png 	10n.png 	rain
11d.png 	11n.png 	thunderstorm
13d.png 	13n.png 	snow
50d.png 	50n.png 	mist

# Weather condition codes


## Group 2xx: Thunderstorm

ID	Meaning	Icon
200	thunderstorm with light rain	 11d
201	thunderstorm with rain	 11d
202	thunderstorm with heavy rain	 11d
210	light thunderstorm	 11d
211	thunderstorm	 11d
212	heavy thunderstorm	 11d
221	ragged thunderstorm	 11d
230	thunderstorm with light drizzle	 11d
231	thunderstorm with drizzle	 11d
232	thunderstorm with heavy drizzle	 11d

## Group 3xx: Drizzle

ID	Meaning	Icon
300	light intensity drizzle	 09d
301	drizzle	 09d
302	heavy intensity drizzle	 09d
310	light intensity drizzle rain	 09d
311	drizzle rain	 09d
312	heavy intensity drizzle rain	 09d
313	shower rain and drizzle	 09d
314	heavy shower rain and drizzle	 09d
321	shower drizzle	 09d

## Group 5xx: Rain

ID	Meaning	Icon
500	light rain	 10d

501	moderate rain	🌧️ 10d
502	heavy intensity rain	🌧️ 10d
503	very heavy rain	🌧️ 10d
504	extreme rain	🌧️ 10d
511	freezing rain	🌨️ 13d
520	light intensity shower rain	🌧️ 09d
521	shower rain	🌧️ 09d
522	heavy intensity shower rain	🌧️ 09d
531	ragged shower rain	🌧️ 09d

### Group 6xx: Snow

ID	Meaning	Icon
600	light snow	🌨️ 13d
601	snow	🌨️ 13d
602	heavy snow	🌨️ 13d
611	sleet	🌨️ 13d
612	shower sleet	🌨️ 13d
615	light rain and snow	🌨️ 13d
616	rain and snow	🌨️ 13d
620	light shower snow	🌨️ 13d
621	shower snow	🌨️ 13d
622	heavy shower snow	🌨️ 13d

### Group 7xx: Atmosphere

ID	Meaning	Icon
701	mist	🌫️ 50d
711	smoke	🌫️ 50d
721	haze	🌫️ 50d
731	sand, dust whirls	🌫️ 50d
741	fog	🌫️ 50d
751	sand	🌫️ 50d
761	dust	🌫️ 50d
762	volcanic ash	🌫️ 50d
771	squalls	🌫️ 50d
781	tornado	🌫️ 50d

### Group 800: Clear

ID	Meaning	Icon
800	clear sky	☀️ 01d 🌑 01n

### Group 80x: Clouds

ID	Meaning	Icon
801	few clouds	☁️ 02d 🌑 02n

802	scattered clouds	☁️ 03d ☁️ 03n
803	broken clouds	☁️ 04d ☁️ 04n
804	overcast clouds	☁️ 04d ☁️ 04n

## Group 90x: Extreme

ID	Meaning
900	tornado
901	tropical storm
902	hurricane
903	cold
904	hot
905	windy
906	hail

## Group 9xx: Additional

ID	Meaning
951	calm
952	light breeze
953	gentle breeze
954	moderate breeze
955	fresh breeze
956	strong breeze
957	high wind, near gale
958	gale
959	severe gale
960	storm
961	violent storm
962	hurricane



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- [Find your city \(../find?q=\)](#)
- [Weather maps \(../weathermap\)](#)

## Weather APIs

- [How to start \(../appid\)](#)
- [Weather APIs for developers \(../API\)](#)
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- [5 day / 3 hour weather forecast \(../forecast5\)](#)
- [16 day / daily weather forecast \(../forecast16\)](#)
- [Hourly historical data \(../history\)](#)
- [Data from weather stations \(../api\\_station\)](#)
- [Examples of API use \(../examples\)](#)

# Map layers

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- [Examples of weather map layers \(../docs/hugemaps\)](#)
- [Embed weather maps with array of data \(../docs/map\\_array\)](#)
- [Embed weather maps with tile server \(../docs/tile\\_map\)](#)

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- [Price-list \(../price\)](#)
- [Subscribe to APIs \(../price\\_subscribe\)](#)

Found a bug? Have a question or idea? Welcome to **Support center** (<https://openweathermap.desk.com/customer/portal/emails/new>)

## Weather station network

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- [How to connect your weather station? \(../stations\)](#)

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- [OpenWeatherMap technology \(../technology\)](#)
- [VANE Spacial Data Science Platform \(http://owm.io\)](#)

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