

Weather Condition Codes

Example ¶

<http://openweathermap.org/data/2.1/find/name?q=NY>

```
{
  "message": "",
  "cod": "200",
  "type": "geonames_lang-name",
  "calctime": 0.0485,
  "list": [
    {
      "id": 5128638,
      "coord": {
        "lat": 43.000351,
        "lon": -75.499901
      },
      "name": "New York",
      "main": {
        "temp": 285,
        "temp_min": 284.8,
        "temp_max": 289.8,
        "pressure": 999.16,
        "humidity": 98.9,
        "dt": 1347646686,
        "date": {
          "rain": {
            "3h": 4.8
          },
          "clouds": {
            "all": 82
          },
          "weather": [
            {
              "id": 501,
              "main": "Rain",
              "description": "moderate rain",
              "icon": "10d"
            }
          ],
          "url": "http://openweathermap.org/city/5128638"
        }
      }
    }
  ]
}
```



















How to get icon URL

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

URL is

<http://openweathermap.org/img/w/10d.png>

Icon list

Day	Night	
01d.png 	01n.png 	sky is clear
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

Thunderstorm

ID	Meaning	Icon
200	thunderstorm with light rain	[[file:11d.png]]
201	thunderstorm with rain	[[file:11d.png]]
202	thunderstorm with heavy rain	[[file:11d.png]]
210	light thunderstorm	[[file:11d.png]]
211	thunderstorm	[[file:11d.png]]
212	heavy thunderstorm	[[file:11d.png]]
221	ragged thunderstorm	[[file:11d.png]]
230	thunderstorm with light drizzle	[[file:11d.png]]
231	thunderstorm with drizzle	[[file:11d.png]]
232	thunderstorm with heavy drizzle	[[file:11d.png]]

Drizzle

ID	Meaning	Icon
300	light intensity drizzle	[[file:09d.png]]
301	drizzle	[[file:09d.png]]
302	heavy intensity drizzle	[[file:09d.png]]
310	light intensity drizzle rain	[[file:09d.png]]
311	drizzle rain	[[file:09d.png]]
312	heavy intensity drizzle rain	[[file:09d.png]]
313	shower rain and drizzle	[[file:09d.png]]
314	heavy shower rain and drizzle	[[file:09d.png]]
321	shower drizzle	[[file:09d.png]]

Rain

ID	Meaning	Icon
500	light rain	[[file:10d.png]]
501	moderate rain	[[file:10d.png]]
502	heavy intensity rain	[[file:10d.png]]
503	very heavy rain	[[file:10d.png]]
504	extreme rain	[[file:10d.png]]
511	freezing rain	[[file:13d.png]]
520	light intensity shower rain	[[file:09d.png]]
521	shower rain	[[file:09d.png]]
522	heavy intensity shower rain	[[file:09d.png]]

531	ragged shower rain	[[file:09d.png]]
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Snow

ID	Meaning	Icon
600	light snow	[[file:13d.png]]
601	snow	[[file:13d.png]]
602	heavy snow	[[file:13d.png]]
611	sleet	[[file:13d.png]]
612	shower sleet	[[file:13d.png]]
615	light rain and snow	[[file:13d.png]]
616	rain and snow	[[file:13d.png]]
620	light shower snow	[[file:13d.png]]
621	shower snow	[[file:13d.png]]
622	heavy shower snow	[[file:13d.png]]

Atmosphere

ID	Meaning	Icon
701	mist	[[file:50d.png]]
711	smoke	[[file:50d.png]]
721	haze	[[file:50d.png]]
731	Sand/Dust Whirls	[[file:50d.png]]
741	Fog	[[file:50d.png]]
751	sand	[[file:50d.png]]
761	dust	[[file:50d.png]]
762	VOLCANIC ASH	[[file:50d.png]]
771	SQUALLS	[[file:50d.png]]
781	TORNADO	[[file:50d.png]]

Clouds

ID	Meaning	Icon
800	sky is clear	[[file:01d.png]] [[file:01n.png]]
801	few clouds	[[file:02d.png]] [[file:02n.png]]
802	scattered clouds	[[file:03d.png]] [[file:03d.png]]
803	broken clouds	[[file:04d.png]] [[file:03d.png]]
804	overcast clouds	[[file:04d.png]] [[file:04d.png]]

Extreme

ID	Meaning
900	tornado
901	tropical storm

901	tropical storm
902	hurricane
903	cold
904	hot
905	windy
906	hail

Additional

ID	Meaning
950	Setting
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

Translation

<http://bugs.openweathermap.org/projects/api/boards/3>