

Introduction

WeatherAPI.com provides access to free weather and geo data via a JSON/XML restful API. It allows developers to create desktop, web and mobile applications using this data very easy.

We provide following data through our API:

Real-time weather

14 day weather forecast

Historical weather

Marine Weather and Tide Data New

Future Weather (Upto 300 days ahead) New

Daily and hourly intervals

15 min intervalNew (Enterprise only)

Astronomy

Time zone

Sports

Location data

Search or Autocomplete API

Weather Alerts New

Air Quality Data New

Bulk Request New

Solar Irradiance New

Evapotranspiration (Enterprise) New

Wind at 100m (Enterprise) New

Getting Started

You need to signup and then you can find your API key under your account, and start using API right away!

Try our weather API by using interactive API Explorer or use Swagger Tool.

We also have SDK for popular framework/languages available on Github for quick integrations.

Want to choose which weather field to return in the API response? Change it from API response fields.

If you find any features missing or have any suggestions, please contact us.

Authentication

API access to the data is protected by an API key. If at anytime, you find the API key has become vulnerable, please regenerate the key using Regenerate button next to the API key.

Authentication to the WeatherAPI.com API is provided by passing your API key as request parameter through an API .

key parameter

key=<YOUR API KEY>

Request

Request URL

Request to WeatherAPI.com API consists of base url and API method. You can make both HTTP or HTTPS request to our API.

Base URL: <http://api.weatherapi.com/v1>

API API Method

Current weather /current.json or /current.xml

Forecast /forecast.json or /forecast.xml

Search or Autocomplete /search.json or /search.xml

History /history.json or /history.xml

Alerts /alerts.json or /alerts.xml

Marine /marine.json or /marine.xml

Future /future.json or /future.xml

Time Zone /timezone.json or /timezone.xml

Sports /sports.json or /sports.xml

Astronomy /astronomy.json or /astronomy.xml

IP Lookup /ip.json or /ip.xml

Request Parameters

Parameter Description

key Required API Key

q Required

Query parameter based on which data is sent back. It could be following:

Latitude and Longitude (Decimal degree) e.g: q=48.8567,2.3508

city name e.g.: q=Paris

US zip e.g.: q=10001

UK postcode e.g.: q=SW1

Canada postal code e.g.: q=G2J

metar:<metar code> e.g.: q=metar:EGLL

iata:<3 digit airport code> e.g.: q=iata:DXB

auto:ip IP lookup e.g.: q=auto:ip

IP address (IPv4 and IPv6 supported) e.g.: q=100.0.0.1

By ID returned from Search API. e.g.: q=id:2801268

bulk New

days Required only with forecast API method.

Number of days of forecast required.

days parameter value ranges between 1 and 14. e.g.: days=5

If no days parameter is provided then only today's weather is returned.

dt (Required for History and Future API) Restrict date output for Forecast and History API method.

For history API 'dt' should be on or after 1st Jan, 2010 in yyyy-MM-dd format (i.e. dt=2010-01-01)

For forecast API 'dt' should be between today and next 14 day in yyyy-MM-dd format (i.e. dt=2010-01-01)

For future API 'dt' should be between 14 days and 300 days from today in the future in yyyy-MM-dd format (i.e. dt=2023-01-01)

(Optional) unixdt Unix Timestamp used by Forecast and History API method.

unixdt has same restriction as 'dt' parameter. Please either pass 'dt' or 'unixdt' and not both in same request. e.g.: unixdt=1490227200

(Optional) end_dt (Available for History API) Restrict date output for History API method.

For history API 'end_dt' should be on or after 1st Jan, 2010 in yyyy-MM-dd format (i.e. dt=2010-01-01)

'end_dt' should be greater than 'dt' parameter and difference should not be more than 30 days between the two dates.

Only works for API on Pro plan and above.

(Optional) unixend_dt Unix Timestamp used by History API method.

unixend_dt has same restriction as 'end_dt' parameter. Please either pass 'end_dt' or 'unixend_dt' and not both in same request. e.g.: unixend_dt=1490227200

(Optional) hour Restricting forecast or history output to a specific hour in a given day.

Must be in 24 hour. For example 5 pm should be hour=17, 6 am as hour=6

(Optional) alerts New Disable alerts in forecast API output

alerts=yes or alerts=no

(Optional) aqi New Enable/Disable Air Quality data in forecast API output

aqi=yes or aqi=no

(Optional) tides New Enable/Disable Tide data in Marine API output

tides=yes or tides=no

(Optional) tp New Get 15 min interval data for Forecast and History API. Available for Enterprise clients only.

tp=15

(Optional) current_fields New Pass field names as comma seperated which should be returned in the current element.

current_fields=temp_c,wind_mph

(Optional) day_fields New Pass field names as comma seperated which should be returned in the Forecast or History API day element.

day_fields=temp_c,wind_mph

(Optional) hour_fields New Pass field names as comma seperated which should be returned in the Forecast or History API hour element.

hour_fields=temp_c,wind_mph

(Optional) solar (Enterprise) New Enable solar irradiance data in History API. Available for Enterprise clients only.

solar=yes

(Optional) et0 (Enterprise) New Enable Evapotranspiration data in History API. Available for Enterprise clients only.

et0=yes

(Optional) wind100mph (Enterprise) New Enable wind data and return wind speed in mph at

100mt height in History API. Available for Enterprise clients only.

wind100mph=yes

(Optional) wind100kph (Enterprise) New Enable wind data and return wind speed in kmph at 100mt height in History API. Available for Enterprise clients only.

wind100kph=yes

(Optional) lang Returns 'condition:text' field in API in the desired language

Please pass 'lang code' from below table. e.g.: lang=fr

Language lang code

Arabic ar

Bengali bn

Bulgarian bg

Chinese Simplified zh

Chinese Traditional zh_tw

Czech cs

Danish da

Dutch nl

Finnish fi

French fr

German de

Greek el

Hindi hi

Hungarian hu

Italian it

Japanese	ja
Javanese	jr
Korean	ko
Mandarin	zh_cmn
Marathi	mr
Polish	pl
Portuguese	pt
Punjabi	pa
Romanian	ro
Russian	ru
Serbian	sr
Sinhalese	si
Slovak	sk
Spanish	es
Swedish	sv
Tamil	ta
Telugu	te
Turkish	tr
Ukrainian	uk
Urdu	ur
Vietnamese	vi
Wu (Shanghainese)	zh_wuu
Xiang	zh_hsn
Yue (Cantonese)	zh_yue
Zulu	zu

Location Object

Location object is returned with each API response. It is actually the matched location for which the information has been returned.

It returns information about the location including geo points, name, region, country and time zone information as well.

When using Search or Autocomplete API following fields are NOT returned tz_id, localtime_epoch and localtime.

Field	Data Type	Description
lat	decimal	Latitude in decimal degree
lon	decimal	Longitude in decimal degree
name	string	Location name
region	string	Region or state of the location, if available
country	string	Location country
tz_id	string	Time zone name
localtime_epoch	int	Local date and time in unix time
localtime	string	Local date and time

Weather Alerts

Forecast API and Alerts API returns alerts and warnings issued by government agencies (USA, UK, Europe and Rest of the World) as an array if available for the location provided through the Forecast API and Alerts API.

By default alerts are not returned. To get alerts back in the response from Forecast API, pass the parameter `alerts=yes`.

Note: Some of the alerts may be in local language of the location.

Field	Data Type	Description
headline	string	Alert headline
msgType	string	Type of alert
severity	string	Severity of alert
urgency	string	Urgency
areas	string	Areas covered
category	string	Category
certainty	string	Certainty
event	string	Event
note	string	Note
effective	date	Effective
expires	string	Expires
desc	string	Description
instruction	string	Instruction

Example response of alerts

```
"alerts":{  
  "alert": [  
    {  
      "headline": "Flood Warning issued January 05 at 9:47PM EST until January 07 at  
      6:15AM EST by NWS",  
      "msgtype": "Alert",  
      "severity": "Severe",  
      "urgency": "Warning",  
      "areas": "Widespread flooding expected across the region.",  
      "category": "Flood",  
      "certainty": "High",  
      "event": "Flooding",  
      "note": "Please stay safe and avoid flood-prone areas.",  
      "effective": "2023-01-05T21:47:00Z",  
      "expires": "2023-01-07T06:15:00Z",  
      "desc": "Detailed description of the flood warning.",  
      "instruction": "Stay safe and avoid flood-prone areas."  
    }  
  ]  
}
```

"severity":"Moderate",
"urgency":"Expected",
"areas":"Calhoun; Lexington; Richland",
"category":"Met",
"certainty":"Likely",
"event":"Flood Warning",
"note":"Alert for Calhoun; Lexington; Richland (South Carolina) issued by the National Weather Service",
"effective":"2021-01-05T21:47:00-05:00",
"expires":"2021-01-07T06:15:00-05:00",
"desc":"...The Flood Warning continues for the following rivers in South Carolina... Congaree River At Carolina Eastman affecting Richland, Calhoun and Lexington Counties. Congaree River At Congaree National Park-Gadsden affecting Calhoun and Richland Counties. North Fork Edisto River At Orangeburg affecting Orangeburg County. ...The Flood Warning is now in effect until Thursday morning... The Flood Warning continues for the Congaree River At Carolina Eastman. Until Thursday morning. * At 9:28 PM EST Tuesday the stage was 115.6 feet. * Flood stage is 115.0 feet. * Minor flooding is occurring and minor flooding is forecast. * Recent Activity... The maximum river stage in the 24 hours ending at 9:28 PM EST Tuesday was 118.2 feet. * Forecast... The river will rise to 115.7 feet just after midnight tonight. It will then fall below flood stage tomorrow morning to 114.2 feet and begin rising again tomorrow evening. It will rise into 114.3 feet early Thursday morning. It will then fall again and remain below flood stage. * Impact... At 115.0 feet, Flooding occurs in low lying areas of the Carolina Eastman Facility and at the Congaree National Park. * Flood History... This crest compares to a previous crest of 116.3 feet on 12/03/2020. &",
"instruction":"A Flood Warning means that flooding is imminent or occurring. All interested parties should take necessary precautions immediately. Motorists should not attempt to drive around barricades or drive cars through flooded areas. Caution is urged when walking near riverbanks. Additional information is available at www.weather.gov. The next statement will be issued Wednesday morning at 1000 AM EST."
},
{

"headline":"Flood Warning issued January 05 at 9:47PM EST until January 09 at 4:00AM EST by NWS",

"msgtype":"Alert",

"severity":"Moderate",

"urgency":"Expected",

"areas":"Calhoun; Richland",

"category":"Met",

"certainty":"Likely",

"event":"Flood Warning",

"note":"Alert for Calhoun; Richland (South Carolina) issued by the National Weather Service",

"effective":"2021-01-05T21:47:00-05:00",

"expires":"2021-01-09T04:00:00-05:00",

"desc": "...The Flood Warning continues for the following rivers in South Carolina... \n Congaree River At Carolina Eastman affecting Richland, Calhoun\n and Lexington Counties. \n Congaree River At Congaree National Park-Gadsden affecting \n Calhoun and Richland Counties. \n North Fork Edisto River At Orangeburg affecting Orangeburg County. \n ...The Flood Warning is now in effect until early Saturday morning... \n The Flood Warning continues for \n the Congaree River At Congaree National Park-Gadsden. \n * Until late Friday night. \n * At 9:00 PM EST Tuesday the stage was 16.5 feet. \n * Flood stage is 15.0 feet. \n * Minor flooding is occurring and minor flooding is forecast. \n * Recent Activity... The maximum river stage in the 24 hours ending \n at 9:00 PM EST Tuesday was 17.2 feet. \n * Forecast... The river is expected to fall below flood stage early \n Friday morning and continue falling to 12.4 feet Sunday evening. \n * Impact... At 15.0 feet, Flooding begins in the Congaree National \n Park. This will begin to produce flooding of portions of the lower \n boardwalk. \n * Impact... At 17.0 feet, The access road to the Sandy Run \n subdivision becomes flooded. The lower boardwalk in the Congaree \n National Park becomes flooded by Cedar Creek. \n * Impact... At 18.0 feet, Several homes in the Sandy Run subdivision \n along the river become flooded. At 18 feet the river covers the \n Weston Lake overlook in the Congaree National Park. Between 18 and \n 18.5 feet the river begins to cover sections of the elevated \n boardwalk. \n * Flood History... This crest compares to a previous crest of 16.3 \n feet on 12/03/2020. \n && ",

"instruction":"A Flood Warning means that flooding is imminent or occurring. All \n interested parties should take necessary precautions immediately. \n Motorists should

not attempt to drive around barricades or drive\ncars through flooded areas.\nCaution is urged when walking near riverbanks.\nAdditional information is available at
www.weather.gov.\\nThe next statement will be issued Wednesday morning at 1000 AM EST."

```
    }  
]  
}
```

Air Quality Data

Air Quality data is returned in the Forecast API, History API and Realtime API response. Depending upon your subscription plan we provide historical (from 1st March 2021 onwards), current and 3 day air quality data for the given location in json and xml.

It provides air quality index (see below) data on major pollutant gases like Carbon monoxide (CO), Ozone (O3), Nitrogen dioxide (NO2), Sulphur dioxide (SO2), PM 2.5 and PM 10.

By default air quality data is not returned. To get air quality data back in the response from Forecast API, History API and Realtime API, pass the parameter aqi=yes.

Field	Data Type	Description
co	float	Carbon Monoxide ($\mu\text{g}/\text{m}^3$)
o3	float	Ozone ($\mu\text{g}/\text{m}^3$)
no2	float	Nitrogen dioxide ($\mu\text{g}/\text{m}^3$)
so2	float	Sulphur dioxide ($\mu\text{g}/\text{m}^3$)
pm2_5	float	PM2.5 ($\mu\text{g}/\text{m}^3$)
pm10	float	PM10 ($\mu\text{g}/\text{m}^3$)
us-epa-index	integer	US - EPA standard.

1 means Good

2 means Moderate

3 means Unhealthy for sensitive group

4 means Unhealthy

5 means Very Unhealthy

6 means Hazardous

gb-defra-index integerUK Defra Index (See table below)

UK DEFRA INDEX Table

Index	1	2	3	4	5	6	7	8	9	10
Band	Low	Low	Low	Moderate	Moderate	Moderate	Moderate	High	High	High
Very High										

µg m⁻³ 0-11 12-23 24-35 36-41 42-47 48-53 54-58 59-64 65-70 71 or more

Pollen Data

Coming Soon

Weather Maps Overlay

Coming Soon

Bulk Request

If you are on Pro+, Business or Enterprise plan then you may use our bulk weather option to send multiple locations to get weather for all the locations sent in a single request.

Each location sent in bulk operation is counted as 1 call. It works for all the API methods except Search API.

For bulk you need to pass in the query string `q=bulk` and then pass a json body as POST method with utf-8 encoding. All the other request parameters will be passed as query

as usual.

Thanks to Dzebo Elvis for pointing out that the POST method should be used and not GET.

Json format for sending multiple locations in the POST body.

```
{  
  "locations": [  
    {  
      "q": "53,-0.12",  
      "custom_id": "my-id-1"  
    },  
    {  
      "q": "London",  
      "custom_id": "any-internal-id"  
    },  
    {  
      "q": "90201",  
      "custom_id": "us-zipcode-id-765"  
    }  
]  
}
```

Json format explanation

Parameter	Description
-----------	-------------

`q` (required) You may pass lat and lon, US zipcode, UK postcode, city name, IP, etc.

`custom_id` (optional) We will return this `custom_id` back in the response for you to use it at your end. It is for better management at your end. We don't use this id for anything.

Bulk Request Example

```
curl --location --request POST
'http://api.weatherapi.com/v1/current.json?key=YOUR_API_KEY&q=bulk' \
--header 'Content-Type: application/json' \
--data '{
  "locations": [
    {
      "q": "53,-0.12",
      "custom_id": "my-id-1"
    },
    {
      "q": "London",
      "custom_id": "any-internal-id"
    },
    {
      "q": "90201",
      "custom_id": "us-zipcode-id-765"
    }
  ]
}'
```

Bulk Response

```
{  
  "bulk": [  
    {  
      "query": {  
        "custom_id": "my-id-1",  
        "q": "53,-0.12",  
        "location": {  
          "name": "Boston",  
          "region": "Lincolnshire",  
          "country": "United Kingdom",  
          "lat": 53.0,  
          "lon": -0.12,  
          "tz_id": "Europe/London",  
          "localtime_epoch": 1673620218,  
          "localtime": "2023-01-13 14:30"  
        },  
        "current": {  
          "last_updated_epoch": 1673620200,  
          "last_updated": "2023-01-13 14:30",  
          "temp_c": 8.7,  
          "temp_f": 47.7,  
          "is_day": 1,  
          "condition": {  
            "text": "Partly cloudy",  
            "icon": "partly-cloudy-day"  
          }  
        }  
      }  
    }  
  ]  
}
```

```
        "icon": "//cdn.weatherapi.com/weather/64x64/day/116.png",
        "code": 1003
    },
    "wind_mph": 24.2,
    "wind_kph": 38.9,
    "wind_degree": 260,
    "wind_dir": "W",
    "pressure_mb": 1005.0,
    "pressure_in": 29.68,
    "precip_mm": 0.0,
    "precip_in": 0.0,
    "humidity": 74,
    "cloud": 75,
    "feelslike_c": 4.4,
    "feelslike_f": 39.9,
    "vis_km": 10.0,
    "vis_miles": 6.0,
    "uv": 2.0,
    "gust_mph": 33.1,
    "gust_kph": 53.3
}
},
{
    "query": {
```

```
"custom_id": "any-internal-id",
"q": "London",
"location": {
    "name": "London",
    "region": "City of London, Greater London",
    "country": "United Kingdom",
    "lat": 51.52,
    "lon": -0.11,
    "tz_id": "Europe/London",
    "localtime_epoch": 1673620218,
    "localtime": "2023-01-13 14:30"
},
"current": {
    "last_updated_epoch": 1673620200,
    "last_updated": "2023-01-13 14:30",
    "temp_c": 11.0,
    "temp_f": 51.8,
    "is_day": 1,
    "condition": {
        "text": "Partly cloudy",
        "icon": "//cdn.weatherapi.com/weather/64x64/day/116.png",
        "code": 1003
    },
    "wind_mph": 23.0,
    "wind_kph": 37.1,
```

```
        "wind_degree": 270,  
        "wind_dir": "W",  
        "pressure_mb": 1010.0,  
        "pressure_in": 29.83,  
        "precip_mm": 0.0,  
        "precip_in": 0.0,  
        "humidity": 58,  
        "cloud": 75,  
        "feelslike_c": 8.1,  
        "feelslike_f": 46.5,  
        "vis_km": 10.0,  
        "vis_miles": 6.0,  
        "uv": 2.0,  
        "gust_mph": 22.4,  
        "gust_kph": 36.0  
    },  
},  
{  
    "query": {  
        "custom_id": "us-zipcode-id-765",  
        "q": "90201",  
        "location": {  
            "name": "Bell",  
            "region": "California",  
            "lat": 34.0522, "lon": -118.2437  
        }  
    }  
}
```

```
        "country": "USA",
        "lat": 33.97,
        "lon": -118.17,
        "tz_id": "America/Los_Angeles",
        "localtime_epoch": 1673620220,
        "localtime": "2023-01-13 6:30"
    },
    "current": {
        "last_updated_epoch": 1673620200,
        "last_updated": "2023-01-13 06:30",
        "temp_c": 10.0,
        "temp_f": 50.0,
        "is_day": 0,
        "condition": {
            "text": "Clear",
            "icon": "//cdn.weatherapi.com/weather/64x64/night/113.png",
            "code": 1000
        },
        "wind_mph": 2.2,
        "wind_kph": 3.6,
        "wind_degree": 10,
        "wind_dir": "N",
        "pressure_mb": 1020.0,
        "pressure_in": 30.13,
        "precip_mm": 0.0,
```

```

    "precip_in": 0.0,
    "humidity": 74,
    "cloud": 0,
    "feelslike_c": 10.3,
    "feelslike_f": 50.5,
    "vis_km": 16.0,
    "vis_miles": 9.0,
    "uv": 1.0,
    "gust_mph": 3.6,
    "gust_kph": 5.8
  }
}

]
}

```

API Error Codes

If there is an error, API response contains error message including error code for following 4xx HTTP Status codes.

HTTP Status Code	Error code	Description
401	1002	API key not provided.
400	1003	Parameter 'q' not provided.
400	1005	API request url is invalid
400	1006	No location found matching parameter 'q'

401 2006 API key provided is invalid
403 2007 API key has exceeded calls per month quota.
403 2008 API key has been disabled.
403 2009 API key does not have access to the resource. Please check pricing page for what is allowed in your API subscription plan.
400 9000 Json body passed in bulk request is invalid. Please make sure it is valid json with utf-8 encoding.
400 9001 Json body contains too many locations for bulk request. Please keep it below 50 in a single request.
400 9999 Internal application error.

APIs

Realtime API

Current weather or realtime weather API method allows a user to get up to date current weather information in json and xml. The data is returned as a Current Object.

Current object contains current or realtime weather information for a given city.

Field Data Type Description

last_updated	string	Local time when the real time data was updated.
last_updated_epoch	int	Local time when the real time data was updated in unix time.
temp_c	decimal	Temperature in celsius
temp_f	decimal	Temperature in fahrenheit
feelslike_c	decimal	Feels like temperature in celsius
feelslike_f	decimal	Feels like temperature in fahrenheit
windchill_c	decimal	Windchill temperature in celcius
windchill_f	decimal	Windchill temperature in fahrenheit

heatindex_c decimal Heat index in celcius
heatindex_f decimal Heat index in fahrenheit
dewpoint_c decimal Dew point in celcius
dewpoint_f decimal Dew point in fahrenheit
condition:text string Weather condition text
condition:iconstring Weather icon url
condition:code int Weather condition unique code.
wind_mph decimal Wind speed in miles per hour
wind_kph decimal Wind speed in kilometer per hour
wind_degree int Wind direction in degrees
wind_dir string Wind direction as 16 point compass. e.g.: NSW
pressure_mb decimal Pressure in millibars
pressure_in decimal Pressure in inches
precip_mm decimal Precipitation amount in millimeters
precip_in decimal Precipitation amount in inches
humidity int Humidity as percentage
cloud int Cloud cover as percentage
is_day int 1 = Yes 0 = No

Whether to show day condition icon or night icon

uv decimal UV Index
gust_mph decimal Wind gust in miles per hour
gust_kph decimal Wind gust in kilometer per hour

Forecast API

Forecast weather API method returns, depending upon your price plan level, upto next 14 day weather forecast and weather alert as json or xml. The data is returned as a Forecast Object.

Forecast object contains astronomy data, day weather forecast and hourly interval weather information for a given city.

forecastday: Parent element

forecastday -> day: 'day' element inside forecastday contains max/min temperature, average temperature

forecastday -> astro

forecastday -> hour:

Forecastday Parent element

forecastday -> day day element contains:

Max, min and average temperature

Max wind speed

Total precipitation

Day weather condition

forecastday -> astro astro element contains sunrise, sunset, moonrise, moonphase and moonset data

forecastday -> hour hour element contains hour by hour weather forecast information

forecastday

Field	Data Type	Description
date	string	Forecast date
date_epoch	int	Forecast date as unix time.
day	element	See day element
astro	element	See astro element
air_quality	element	See aqi element
hour	element	See hour element
day Element		

Field	Data Type	Description
maxtemp_c	decimal	Maximum temperature in celsius for the day.
maxtemp_f	decimal	Maximum temperature in fahrenheit for the day
mintemp_c	decimal	Minimum temperature in celsius for the day
mintemp_f	decimal	Minimum temperature in fahrenheit for the day
avgtemp_c	decimal	Average temperature in celsius for the day
avgtemp_f	decimal	Average temperature in fahrenheit for the day
maxwind_mph	decimal	Maximum wind speed in miles per hour
maxwind_kph	decimal	Maximum wind speed in kilometer per hour
totalprecip_mm	decimal	Total precipitation in milimeter
totalprecip_in	decimal	Total precipitation in inches
totalsnow_cm	decimal	Total snowfall in centimeters
avgvis_km	decimal	Average visibility in kilometer
avgvis_miles	decimal	Average visibility in miles
avghumidity	int	Average humidity as percentage
condition:text	string	Weather condition text
condition:icon	string	Weather condition icon

condition:code int Weather condition code

uv decimal UV Index

daily_will_it_rain int 1 = Yes 0 = No
Will it will rain or not

daily_will_it_snow int 1 = Yes 0 = No
Will it snow or not

daily_chance_of_rain int Chance of rain as percentage

daily_chance_of_snow int Chance of snow as percentage

astro Element

Field	Data Type	Description
sunrise	string	Sunrise time
sunset	string	Sunset time
moonrise	string	Moonrise time
moonset	string	Moonset time
moon_phase	string	Moon phases. Value returned: New Moon Waxing Crescent First Quarter Waxing Gibbous Full Moon Waning Gibbous Last Quarter Waning Crescent
moon_illumination	decimal	Moon illumination as %
is_moon_up	int	1 = Yes or 0 =No

Determine if the moon is currently up, based on moon set and moon rise time at the provided location and date.

is_sun_up int 1 = Yes or 0 =No

Determine if the sun is currently up, based on sunset and sunrise time at the provided location and date.

hour Element

Field Data Type Description

time_epoch int Time as epoch

time string Date and time

temp_c decimal Temperature in celsius

temp_f decimal Temperature in fahrenheit

condition:text string Weather condition text

condition:iconstring Weather condition icon

condition:code int Weather condition code

wind_mph decimal Maximum wind speed in miles per hour

wind_kph decimal Maximum wind speed in kilometer per hour

wind_degree int Wind direction in degrees

wind_dir string Wind direction as 16 point compass. e.g.: NSW

pressure_mb decimal Pressure in millibars

pressure_in decimal Pressure in inches

precip_mm decimal Precipitation amount in millimeters

precip_in decimal Precipitation amount in inches

snow_cm decimal Snowfall in centimeters

humidity int Humidity as percentage

cloud int Cloud cover as percentage

feelslike_c decimal Feels like temperature as celcius

feelslike_f decimal Feels like temperature as fahrenheit
windchill_c decimal Windchill temperature in celcius
windchill_f decimal Windchill temperature in fahrenheit
heatindex_c decimal Heat index in celcius
heatindex_f decimal Heat index in fahrenheit
dewpoint_c decimal Dew point in celcius
dewpoint_f decimal Dew point in fahrenheit
will_it_rain int 1 = Yes 0 = No

Will it will rain or not

will_it_snow int 1 = Yes 0 = No

Will it snow or not

is_day int 1 = Yes 0 = No

Whether to show day condition icon or night icon

vis_km decimal Visibility in kilometer
vis_miles decimal Visibility in miles
chance_of_rain int Chance of rain as percentage
chance_of_snow int Chance of snow as percentage
gust_mph decimal Wind gust in miles per hour
gust_kph decimal Wind gust in kilometer per hour
uv decimal UV Index

short_rad decimal Shortwave solar radiation or Global horizontal irradiation (GHI)
W/m²

diff_rad decimal Diffuse Horizontal Irradiation (DHI) W/m²

air_quality element See aqi element

History API

History weather API method returns, depending upon your subscription plan level, historical

weather for a date on or after 1st Jan, 2010 as json and xml. The data is returned as a Forecast Object.

For Enterprise plan users we also return historical Solar Irradiance (from 1st Jan 2010 onwards), Evapotranspiration (from 1st Jan 2010 onwards) and Air Quality data (from 1st March 2021 onwards).

Forecast object contains astronomy data, day weather forecast and hourly interval weather information for a given city.

forecastday: Parent element

forecastday -> day: 'day' element inside forecastday contains max/min temperature, average temperature

forecastday -> astro

forecastday -> hour:

Forecastday Parent element

forecastday -> day day element contains:

Max, min and average temperature

Max wind speed

Total precipitation

Day weather condition

Air Quality data

forecastday -> astro astro element contains sunrise, sunset, moonrise and moonset data

forecastday -> hour hour element contains hour by hour weather forecast information

forecastday

Field Data Type Description

date string Forecast date

date_epoch int Forecast date as unix time.

day element See day element

astro element See astro element

air_quality element See aqi element

hour element See hour element

day Element

Field Data Type Description

maxtemp_c decimal Maximum temperature in celsius for the day.

maxtemp_f decimal Maximum temperature in fahrenheit for the day

mintemp_c decimal Minimum temperature in celsius for the day

mintemp_f decimal Minimum temperature in fahrenheit for the day

avgtemp_c decimal Average temperature in celsius for the day

avgtemp_f decimal Average temperature in fahrenheit for the day

maxwind_mph decimal Maximum wind speed in miles per hour

maxwind_kph decimal Maximum wind speed in kilometer per hour

totalprecip_mm decimal Total precipitation in milimeter

totalprecip_in decimal Total precipitation in inches

totalsnow_cm decimal Total snowfall in centimeters

avgvis_km decimal Average visibility in kilometer

avgvis_miles decimal Average visibility in miles

arghumidity int Average humidity as percentage

condition:text string Weather condition text

condition:iconstring Weather condition icon

condition:code int Weather condition code

uv decimal UV Index

daily_will_it_rain int 1 = Yes 0 = No

Will it will rain or not

daily_will_it_snow int 1 = Yes 0 = No

Will it snow or not

daily_chance_of_rain int Chance of rain as percentage

daily_chance_of_snow int Chance of snow as percentage

astro Element

Field Data Type Description

sunrise string Sunrise time

sunset string Sunset time

moonrise string Moonrise time

moonset string Moonset time

moon_phase string Moon phases. Value returned:

New Moon

Waxing Crescent

First Quarter

Waxing Gibbous

Full Moon

Waning Gibbous

Last Quarter

Waning Crescent

moon_illumination decimal Moon illumination as %

is_moon_up int 1 = Yes or 0 =No

Determine if the moon is currently up, based on moonset and moonrise time at the provided location and date.

is_sun_up int 1 = Yes or 0 =No

Determine if the sun is currently up, based on sunset and sunrise time at the provided location and date.

hour Element

Field Data Type Description

time_epoch int Time as epoch

time string Date and time

temp_c decimal Temperature in celsius

temp_f decimal Temperature in fahrenheit

condition:text string Weather condition text

condition:iconstring Weather condition icon

condition:code int Weather condition code

wind_mph decimal Maximum wind speed in miles per hour

wind_kph decimal Maximum wind speed in kilometer per hour

wind_degree int Wind direction in degrees

wind_dir string Wind direction as 16 point compass. e.g.: NSW

pressure_mb decimal Pressure in millibars

pressure_in decimal Pressure in inches

precip_mm decimal Precipitation amount in millimeters
precip_in decimal Precipitation amount in inches
snow_cm decimal Snowfall in centimeters
humidity int Humidity as percentage
cloud int Cloud cover as percentage
feelslike_c decimal Feels like temperature as celcius
feelslike_f decimal Feels like temperature as fahrenheit
windchill_c decimal Windchill temperature in celcius
windchill_f decimal Windchill temperature in fahrenheit
heatindex_c decimal Heat index in celcius
heatindex_f decimal Heat index in fahrenheit
dewpoint_c decimal Dew point in celcius
dewpoint_f decimal Dew point in fahrenheit
will_it_rain int 1 = Yes 0 = No

Will it will rain or not

will_it_snow int 1 = Yes 0 = No

Will it snow or not

is_day int 1 = Yes 0 = No

Whether to show day condition icon or night icon

vis_km decimal Visibility in kilometer

vis_miles decimal Visibility in miles

chance_of_rain int Chance of rain as percentage

chance_of_snow int Chance of snow as percentage

gust_mph decimal Wind gust in miles per hour

gust_kph decimal Wind gust in kilometer per hour

uv decimal UV Index
 short_rad (Enterprise plan) decimal Shortwave solar radiation or Global horizontal irradiation (GHI) W/m²
 diff_rad (Enterprise plan) decimal Diffuse Horizontal Irradiation (DHI) W/m²
 wind_mph_100 (Enterprise plan) decimal Maximum wind speed at 100 mt in miles per hour
 wind_kph_100 (Enterprise plan) decimal Maximum wind speed at 100 mt in kilometer per hour
 wind_degree_100 (Enterprise plan) int Wind direction in degrees at 100 mt height
 wind_dir_100 (Enterprise plan) string Wind direction as 16 point compass at 100 mt height. e.g.: NSW
 et0 (Enterprise plan) decimal Evapotranspiration at 100 mt height.
 air_quality element See aqi element

Alerts API

Alerts API returns alerts and warnings issued by government agencies (USA, UK, Europe and Rest of the World) as an array if available for the location provided json and xml. The data is returned as an Alerts Object.

Note: Some of the alerts may be in local language of the location.

Field	Data Type	Description
headline	string	Alert headline
msgType	string	Type of alert
severity	string	Severity of alert
urgency	string	Urgency
areas	string	Areas covered
category	string	Category

certainty string Certainty

event string Event

note string Note

effective date Effective

expires string Expires

desc string Description

instruction string Instruction

Example response of alerts

```
"alerts":{  
  "alert": [  
    {  
      "headline": "Flood Warning issued January 05 at 9:47PM EST until January 07 at  
6:15AM EST by NWS",  
      "msgtype": "Alert",  
      "severity": "Moderate",  
      "urgency": "Expected",  
      "areas": "Calhoun; Lexington; Richland",  
      "category": "Met",  
      "certainty": "Likely",  
      "event": "Flood Warning",  
      "note": "Alert for Calhoun; Lexington; Richland (South Carolina) issued by the National  
Weather Service",  
      "effective": "2021-01-05T21:47:00-05:00",  
      "expires": "2021-01-07T06:15:00-05:00",  
      "desc": "...The Flood Warning continues for the following rivers in  
South\\nCarolina...\\nCongaree River At Carolina Eastman affecting Richland, Calhoun\\nand  
Lexington Counties.\\nCongaree River At Congaree National Park-Gadsden
```

affecting \nCalhoun and Richland Counties.\nNorth Fork Edisto River At Orangeburg affecting Orangeburg County.\n...The Flood Warning is now in effect until Thursday morning...\nThe Flood Warning continues for\nthe Congaree River At Carolina Eastman.\n* Until Thursday morning.\n* At 9:28 PM EST Tuesday the stage was 115.6 feet.\n* Flood stage is 115.0 feet.\n* Minor flooding is occurring and minor flooding is forecast.\n* Recent Activity...The maximum river stage in the 24 hours ending\nat 9:28 PM EST Tuesday was 118.2 feet.\n* Forecast...The river will rise to 115.7 feet just after midnight\ntonight. It will then fall below flood stage tomorrow morning to\n114.2 feet and begin rising again tomorrow evening. It will rise\ninto 114.3 feet early Thursday morning. It will then fall again and\nremain below flood stage.\n* Impact...At 115.0 feet, Flooding occurs in low lying areas of the\nCarolina Eastman Facility and at the Congaree National Park.\n* Flood History...This crest compares to a previous crest of 116.3\nfeet on 12/03/2020.\n&& ",

"instruction":"A Flood Warning means that flooding is imminent or occurring.
All\ninterested parties should take necessary precautions immediately.\nMotorists should not attempt to drive around barricades or drive\ncars through flooded areas.\nCaution is urged when walking near riverbanks.\nAdditional information is available at www.weather.gov.
The next statement will be issued Wednesday morning at 1000 AM EST."

},

{

"headline":"Flood Warning issued January 05 at 9:47PM EST until January 09 at 4:00AM EST by NWS",

"msgtype":"Alert",

"severity":"Moderate",

"urgency":"Expected",

"areas":"Calhoun; Richland",

"category":"Met",

"certainty":"Likely",

"event":"Flood Warning",

"note":"Alert for Calhoun; Richland (South Carolina) issued by the National Weather Service",

"effective":"2021-01-05T21:47:00-05:00",

"expires":"2021-01-09T04:00:00-05:00",

"desc":"...The Flood Warning continues for the following rivers in South Carolina...\nCongaree River At Carolina Eastman affecting Richland, Calhoun and Lexington Counties.\nCongaree River At Congaree National Park-Gadsden affecting\nCalhoun and Richland Counties.\nNorth Fork Edisto River At Orangeburg affecting Orangeburg County.\n...The Flood Warning is now in effect until early Saturday morning...\n\nThe Flood Warning continues for\nthe Congaree River At Congaree National Park-Gadsden.\n* Until late Friday night.\n* At 9:00 PM EST Tuesday the stage was 16.5 feet.\n* Flood stage is 15.0 feet.\n* Minor flooding is occurring and minor flooding is forecast.\n* Recent Activity...The maximum river stage in the 24 hours ending\nat 9:00 PM EST Tuesday was 17.2 feet.\n* Forecast...The river is expected to fall below flood stage early\nFriday morning and continue falling to 12.4 feet Sunday evening.\n* Impact...At 15.0 feet, Flooding begins in the Congaree National\nPark. This will begin to produce flooding of portions of the lower\nboardwalk.\n* Impact...At 17.0 feet, The access road to the Sandy Run\nsubdivision becomes flooded. The lower boardwalk in the Congaree\nNational Park becomes flooded by Cedar Creek.\n* Impact...At 18.0 feet, Several homes in the Sandy Run subdivision\nalong the river become flooded. At 18 feet the river covers the\nWeston Lake overlook in the Congaree National Park. Between 18 and\n18.5 feet the river begins to cover sections of the elevated\nboardwalk.\n* Flood History...This crest compares to a previous crest of 16.3\nfeet on 12/03/2020.\n&&","

"instruction":"A Flood Warning means that flooding is imminent or occurring. All interested parties should take necessary precautions immediately.\nMotorists should not attempt to drive around barricades or drive\ncars through flooded areas.\nCaution is urged when walking near riverbanks.\nAdditional information is available at www.weather.gov. The next statement will be issued Wednesday morning at 1000 AM EST."

}

]

}

Marine Weather API

Marine weather API method returns upto next 7 day (depending upon your subscription plan level) marine and sailing weather forecast and tide data (depending upon your price plan level) as json or xml. The data is returned as a Marine Object.

Marine object, depending upon your price plan level, contains astronomy data, day weather forecast and hourly interval weather information and tide data for a given sea/ocean point.

forecastday: Parent element

forecastday -> day: 'day' element inside forecastday contains max/min temperature, average temperature

forecastday -> astro

forecastday -> tide

forecastday -> hour:

Forecastday Parent element

forecastday -> day day element contains:

Max, min and average temperature

Max wind speed

Total precipitation

Day weather condition

forecastday -> astro astro element contains sunrise, sunset, moonrise and moonset data

forecastday -> tides tides element contains high and low tide data

forecastday -> hour hour element contains hour by hour weather forecast information

forecastday

Field Data Type Description

date string Forecast date

date_epoch int Forecast date as unix time.

day element See day element

astro element See astro element

tides element See tides element

hour element See hour element

day Element

Field Data Type Description

maxtemp_c decimal Maximum temperature in celsius for the day.

maxtemp_f decimal Maximum temperature in fahrenheit for the day

mintemp_c decimal Minimum temperature in celsius for the day

mintemp_f decimal Minimum temperature in fahrenheit for the day

avgtemp_c decimal Average temperature in celsius for the day

avgtemp_f decimal Average temperature in fahrenheit for the day

maxwind_mph decimal Maximum wind speed in miles per hour

maxwind_kph decimal Maximum wind speed in kilometer per hour

totalprecip_mm decimal Total precipitation in milimeter

totalprecip_in decimal Total precipitation in inches

avgvis_km decimal Average visibility in kilometer

avgvis_miles decimal Average visibility in miles

avghumidity int Average humidity as percentage

condition:text string Weather condition text

condition:icon string Weather condition icon

condition:code int Weather condition code

uv decimal UV Index

astro Element

Field Data Type Description

sunrise string Sunrise time

sunset string Sunset time

moonrise string Moonrise time

moonset string Moonset time

moon_phase string Moon phases. Value returned:

New Moon

Waxing Crescent

First Quarter

Waxing Gibbous

Full Moon

Waning Gibbous

Last Quarter

Waning Crescent

moon_illumination decimal Moon illumination as %

is_moon_up int 1 = Yes or 0 =No

Determine if the moon is currently up, based on moonset and moonrise time at the provided location and date.

is_sun_up int 1 = Yes or 0 =No

Determine if the sun is currently up, based on sunset and sunrise time at the provided location and date.

tides Element

Field	Data Type	Description
tide_time	string	Local tide time
tide_height_mt	float	Tide height in mt
tide_type	string	Type of tide i.e. High or Low

hour Element

Field	Data Type	Description
time_epoch	int	Time as epoch
time	string	Date and time
temp_c	decimal	Temperature in celsius
temp_f	decimal	Temperature in fahrenheit
condition:text	string	Weather condition text
condition:icon	string	Weather condition icon
condition:code	int	Weather condition code
wind_mph	decimal	Maximum wind speed in miles per hour
wind_kph	decimal	Maximum wind speed in kilometer per hour
wind_degree	int	Wind direction in degrees
wind_dir	string	Wind direction as 16 point compass. e.g.: NSW
pressure_mb	decimal	Pressure in millibars
pressure_in	decimal	Pressure in inches
precip_mm	decimal	Precipitation amount in millimeters
precip_in	decimal	Precipitation amount in inches
humidity	int	Humidity as percentage
cloud	int	Cloud cover as percentage
feelslike_c	decimal	Feels like temperature as celcius
feelslike_f	decimal	Feels like temperature as fahrenheit

windchill_c decimal Windchill temperature in celcius
windchill_f decimal Windchill temperature in fahrenheit
heatindex_c decimal Heat index in celcius
heatindex_f decimal Heat index in fahrenheit
dewpoint_c decimal Dew point in celcius
dewpoint_f decimal Dew point in fahrenheit
is_day int 1 = Yes 0 = No

Whether to show day condition icon or night icon

vis_km decimal Visibility in kilometer
vis_miles decimal Visibility in miles
gust_mph decimal Wind gust in miles per hour
gust_kph decimal Wind gust in kilometer per hour
sig_ht_mt decimal Significant wave height in metres
swell_ht_mt decimal Swell wave height in metres
swell_ht_ft decimal Swell wave height in feet
swell_dir decimal Swell direction in degrees
swell_dir_16_point decimal Swell direction in 16 point compass
swell_period_secs decimal Swell period in seconds
water_temp_c (Pro+ plan and above) decimal Water temperature in Celcius
water_temp_f (Pro+ plan and above) decimal Water temperature in Fahrenheit
uv decimal UV Index

Future Weather API

Future weather API method returns weather in a 3 hourly interval in future for a date between 14 days and 300 days from today in the future.

Forecast object contains astronomy data, day weather forecast and hourly interval weather information for a given city.

forecastday: Parent element

forecastday -> day: 'day' element inside forecastday contains max/min temperature, average temperature

forecastday -> astro

forecastday -> hour:

Forecastday Parent element

forecastday -> day day element contains:

Max, min and average temperature

Max wind speed

Total precipitation

Day weather condition

forecastday -> astro astro element contains sunrise, sunset, moonrise and moonset data

forecastday -> hour hour element contains hour by hour weather forecast information

forecastday

Field Data Type Description

date string Forecast date

date_epoch int Forecast date as unix time.

day element See day element

astro element See astro element

hour element See hour element

day Element

Field Data Type Description

maxtemp_c decimal Maximum temperature in celsius for the day.

maxtemp_f decimal Maximum temperature in fahrenheit for the day

mintemp_c decimal Minimum temperature in celsius for the day

mintemp_f decimal Minimum temperature in fahrenheit for the day

avgtemp_c decimal Average temperature in celsius for the day

avgtemp_f decimal Average temperature in fahrenheit for the day

maxwind_mph decimal Maximum wind speed in miles per hour

maxwind_kph decimal Maximum wind speed in kilometer per hour

totalprecip_mm decimal Total precipitation in milimeter

totalprecip_in decimal Total precipitation in inches

avgvis_km decimal Average visibility in kilometer

avgvis_miles decimal Average visibility in miles

avghumidity int Average humidity as percentage

condition:text string Weather condition text

condition:iconstring Weather condition icon

condition:code int Weather condition code

uv decimal UV Index

astro Element

Field Data Type Description

`sunrise` string Sunrise time

`sunset` string Sunset time

`moonrise` string Moonrise time

`moonset` string Moonset time

`moon_phase` string Moon phases. Value returned:

New Moon

Waxing Crescent

First Quarter

Waxing Gibbous

Full Moon

Waning Gibbous

Last Quarter

Waning Crescent

`moon_illumination` decimal Moon illumination as %

`is_moon_up` int 1 = Yes or 0 =No

Determine if the moon is currently up, based on moonset and moonrise time at the provided location and date.

`is_sun_up` int 1 = Yes or 0 =No

Determine if the sun is currently up, based on sunset and sunrise time at the provided location and date.

hour Element

Field Data Type Description

`time_epoch` int Time as epoch

`time` string Date and time

`temp_c` decimal Temperature in celsius

`temp_f` decimal Temperature in fahrenheit

condition:text string Weather condition text

condition:iconstring Weather condition icon

condition:code int Weather condition code

wind_mph decimal Maximum wind speed in miles per hour

wind_kph decimal Maximum wind speed in kilometer per hour

wind_degree int Wind direction in degrees

wind_dir string Wind direction as 16 point compass. e.g.: NSW

pressure_mb decimal Pressure in millibars

pressure_in decimal Pressure in inches

precip_mm decimal Precipitation amount in millimeters

precip_in decimal Precipitation amount in inches

humidity int Humidity as percentage

cloud int Cloud cover as percentage

feelslike_c decimal Feels like temperature as celcius

feelslike_f decimal Feels like temperature as fahrenheit

windchill_c decimal Windchill temperature in celcius

windchill_f decimal Windchill temperature in fahrenheit

heatindex_c decimal Heat index in celcius

heatindex_f decimal Heat index in fahrenheit

dewpoint_c decimal Dew point in celcius

dewpoint_f decimal Dew point in fahrenheit

will_it_rain int 1 = Yes 0 = No

Will it will rain or not

will_it_snow int 1 = Yes 0 = No

Will it snow or not

is_day int 1 = Yes 0 = No

Whether to show day condition icon or night icon

vis_km decimal Visibility in kilometer

vis_miles decimal Visibility in miles

Search/Autocomplete API

WeatherAPI.com Search or Autocomplete API returns matching cities and towns as an array of Location object.

IP Lookup API

IP Lookup API method allows a user to get up to date information for an IP address in json and xml.

Field Data Type Description

ip string IP address

type string ipv4 or ipv6

continent_code string Continent code

continent_name string Continent name

country_code string Country code

country_name string Name of country

is_eu bool true or false

geoname_id string Geoname ID

city string City name

region string Region name

lat decimal Latitude in decimal degree

lon decimal Longitude in decimal degree

tz_id string Time zone

Astronomy API

Astronomy API method allows a user to get up to date information for sunrise, sunset, moonrise, moonset, moon phase and illumination in json and xml.

Field Data Type Description

sunrise string Sunrise local time

sunset string Sunset local time

moonrise string Moonrise local time

moonset string Moonset local time

moon_phase string Moon phases. Value returned:

New Moon

Waxing Crescent

First Quarter

Waxing Gibbous

Full Moon

Waning Gibbous

Last Quarter

Waning Crescent

moon_illumination int Moon illumination

is_moon_up int 1 = Yes or 0 =No

Determine if the moon is currently up, based on moon set and moon rise time at the provided location and date.

is_sun_up int 1 = Yes or 0 =No

Determine if the sun is currently up, based on sunset and sunrise time at the provided location and date.

Time Zone API

Time Zone API method allows a user to get up to date time zone and local time information

in json and xml.

Field	Data Type	Description
tz_id	string	Time zone id
localtime_epoch	int	Local time in epoch.
localtime	string	Local time in yyyy-MM-dd HH:mm format

Sports API

Sports API method allows a user to get listing of all upcoming sports events for football, cricket and golf in json and xml.

Field	Data Type	Description
stadium	string	Name of stadium
country	int	Country
region	string	Region
tournament	string	Tournament name
start	string	Start local date and time for event in yyyy-MM-dd HH:mm format.
match	string	Match name

Example

WeatherAPI.com API is so easy to implement. Look at following examples on how you can form a request to get data either through a web browser or in your application.

So to get current weather for London: JSON:

http://api.weatherapi.com/v1/current.json?key=<YOUR_API_KEY>&q=London

XML: http://api.weatherapi.com/v1/current.xml?key=<YOUR_API_KEY>&q=London

To get 7 day weather for US Zipcode 07112: JSON:

http://api.weatherapi.com/v1/forecast.json?key=<YOUR_API_KEY>&q=07112&days=7

XML:

http://api.weatherapi.com/v1/forecast.xml?key=<YOUR_API_KEY>&q=07112&days=7

Search for cities starting with Lond: JSON:

http://api.weatherapi.com/v1/search.json?key=<YOUR_API_KEY>&q=lond

XML: http://api.weatherapi.com/v1/search.xml?key=<YOUR_API_KEY>&q=lond

Integrations

Please use our API Explorer to see how the request is formed and what response to expect.

We also have SDK for popular framework/languages available on Github for quick integrations.

Resources

Weather Icons and Codes

In the JSON response we return a condition:code which is a code for describing weather. For example clear, sunny, etc.

You may retrieve the whole condition list as JSON to implement different weather icons or apply other logic to your application. It also includes multi-language translations of weather condition text.

Multilingual Condition list URL: <https://www.weatherapi.com/docs/conditions.json>

English Condition list URL (CSV):

https://www.weatherapi.com/docs/weather_conditions.csv

English Condition list URL (JSON):

https://www.weatherapi.com/docs/weather_conditions.json

English Condition list URL (XML):

https://www.weatherapi.com/docs/weather_conditions.xml

Please download the list and use it offline instead of directly linking into your application.

Link Back

If you are on our free plan we would appreciate if you could provide a link back to our service.

HTML LINK BACK CODE EXAMPLES

You may choose any of the below HTML code and place it on the website you have provided during the Free plan upgrade.

Text

```
Powered by <a href="https://www.weatherapi.com/" title="Free Weather API">WeatherAPI.com</a>
```

Preview

Powered by WeatherAPI.com

Image

```
<a href="https://www.weatherapi.com/" title="Free Weather API"><img src='//cdn.weatherapi.com/v4/images/weatherapi_logo.png' alt="Weather data by WeatherAPI.com" border="0"></a>
```

Preview

Quick and Easy Signup for Weather API

WeatherAPI.com makes it super easy to integrate our realtime, daily, hourly and 15 min interval weather forecast data, historical weather, marine weather, bulk request, air quality data, autocomplete, time zone, astronomy and sports data into your new or existing project.

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| Crete | New York | Rome | Dubai | London | Sydney | Moscow

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"

<https://www.weatherapi.com/docs/#:~:text=Introduction,Copyright%20%C2%A9%20Weather%20API>