

The Weather Company data package: Core Weather

Essential weather APIs to unlock business value



Highlights



Current Dew Point



Current Wind Chill



Current US Snow Cover

The world runs on weather data, and the Core Weather data package from The Weather Company, an IBM Business, allows you to integrate new insight to solve real business problems where weather can have a significant impact on the outcome. This package includes some of the most essential weather APIs: current conditions, forecasts and radar as well as satellite data. Current conditions include site-based current and time series observations, as well as daily and intraday forecast data.

Make more informed decisions with accurate results

Access some of the most useful weather data and help ensure your business stays informed about core conditions with our accurate and accessible forecasts to help you make fact-based decisions.

The Core Weather data package includes the following features:

Power disruption index – Provides indices indicating the potential for power disruptions due to weather

2-day hourly forecast – For the next 48 hours starting from the current time

Daily and intraday forecasts – Forecasts for 24 hour and 6 hour periods starting today for the next 3, 5, 7 and 10 days including forecasts for the morning, afternoon, evening and overnight segments.

Site-based observations – Observed weather data (temperature, wind direction and speed, humidity, pressure, dew point, visibility and UV index) as well as a sensible weather phrase and its matching weather icon that are collected from METAR and SYNOP observation stations worldwide.

Time series-based observations – Observed weather data from site-based observation stations for the previous 24 hours

Weather alert headlines and details – Government-issued alert headlines and details in the language requested

Location-mapping services – Utility API for finding locations for each postcode, geocode, city, internationalised state, region, district or province

Daily and monthly almanac – average and record weather conditions (US)

Current conditions and forecast imagery layers – detailed set of tile-based raster products derived from observation and forecast data providing access to our most popular mapping layers pre-rendered with appropriate palettes, ready to be applied to your base map

Radar and satellite layers – provides selected radar and satellite raster products

Other data packages offered by The Weather Company include Enhanced Current Conditions, Enhanced Forecast, Severe Weather and Lifestyle Indices.

Specific data availability can differ by geography and region.

About The Weather Company, an IBM Business

The Weather Company, an IBM Business, helps people make informed decisions and take action when confronted by severe weather conditions. The company offers the most accurate forecasts globally with personalised and actionable weather data and insights to millions of consumers, as well as thousands of marketers and businesses via Weather's API, its business solutions division, and its own digital products from The Weather Channel (weather.com) and Weather Underground (wunderground.com).

The company delivers around 25 billion forecasts a day. Its products include the world's most downloaded weather app, a network of 250,000 personal weather stations, a top-20 U.S. website, one of the world's largest IoT data platforms, and industry-leading business solutions.

Weather Means Business™. The world's biggest brands in aviation, energy, insurance, media and government rely on The Weather Company for data, technology platforms and services to help improve decision-making and respond to weather's impact on business.

For more information, see theweathercompany.com



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