

The Weather Company data package: Core weather

Essential weather APIs to unlock business value



Highlights



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.

The world runs on weather data, and the Core weather data package from The Weather Company, an IBM Business, allows you to integrate new insights 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 and satellite data. Current conditions include site-based current and time series observations and daily and intraday forecast data.

Drive more informed decisions with accurate results

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

Accessible within the Core weather data package are the following features:

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

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

Daily and intraday forecast – 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 per zip code, geocode, city, internationalized 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 and provides 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

About The Weather Company, an IBM Business

The Weather Company, an IBM Business, helps people make informed decisions and take action in the face of weather. The company offers the most accurate forecasts globally with personalized 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 daily. 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, visit theweathercompany.com



© Copyright 2017 The Weather Company,
an IBM Business

The Weather Company, an IBM Business
400 Minuteman Rd
Andover, MA 01810

Produced in the United States of America
August 2017

IBM, the IBM logo and ibm.com are trademarks of International Business Machines Corp., registered in many jurisdictions worldwide. The Weather Company®, The Weather Company® and device, are trademarks or registered trademarks of TWC Product and Technology, LLC, an IBM Company. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on the Web at “Copyright and trademark information” at www.ibm.com/legal/copytrade.shtml.

This document is current as of the initial date of publication and may be changed by IBM at any time. Not all offerings are available in every country in which IBM operates.

The information in this document is provided “as is” without any warranty, express or implied, including without any warranties of merchantability, fitness for a particular purpose and any warranty of condition of non-infringement.

IBM products are warranted according to the terms and conditions of the agreements under which they are provided.

The performance data and client examples cited are presented for illustrative purposes only. Actual performance results may vary depending on the specific configurations and operating conditions. It is the user’s responsibility to evaluate and verify the operation of any other products or programs with IBM product and programs.

Statement of Good Security Practices: IT system security involves protecting systems and information through prevention, detection and response to improper access from within and outside your enterprise. Improper access can result in information being altered, destroyed, misappropriated or misused or can result in damage to or misuse of your systems, including for use in attacks on others. No IT system or product should be considered completely secure and no single product, service or security measure can be completely effective in preventing improper use or access. IBM systems, products and services are designed to be part of a lawful, comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products or services to be most effective. IBM does not warrant that any systems, product or services are immune from, or will make your enterprise immune from, the malicious or illegal conduct of any party.