The Weather Company Data Packages delivers a set of cloud-based weather data services that enable companies across multiple industries to utilize key weather insights to make critical business decisions and improve performance

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At a glance

The Weather Company Data Packages provides access to a variety of weather data feeds. They enable companies across multiple industries to inject a wealth of weather-based insights into their business processes to help optimize operations, reduce costs, improve safety, and uncover new revenue opportunities. The following examples demonstrate how companies can benefit from the integration of advanced weather data into their businesses:

- Retail - Predict demand with more precision to optimize both inventory and staffing levels.
- Insurance - Proactively alert customers to adverse weather conditions to help reduce claims and improve customer satisfaction.
- Public sector - Protect citizens and infrastructure by more effectively determining resource needs and responding quickly during severe weather events.
- Transportation - Improve on-time deliveries and optimize travel routes by predicting potential disruptions in operations due to weather events.
- Energy and utilities - Accelerate energy and utilities companies’ response to outages and also improve forecasting of power distribution for peak demands.
- Manufacturing - Reduce costly equipment failures caused by weather-related damage.

Overview

Weather Company Data Packages is a set of data services that tap into the breadth and depth of The Weather Company's data on current conditions, forecast conditions, lifestyle indices, and severe weather. This offering is designed to allow you to take advantage of these services and quickly begin incorporating weather data into line-of-business, web, and mobile applications.

Weather is perhaps the single largest external swing factor in business performance across many industries. It is responsible for significant economic impact worldwide, totaling nearly half a trillion dollars in the US alone each year. Weather Company Data Packages can help you to create deeper and richer insights to help reduce costs and optimize business processes.
This set of data services is deployed in a cloud model to provide weather data feeds that are specifically curated from many weather data sources to enrich business decision making for industries such as insurance, government, energy and utilities, and many more.

Weather Company Data Packages provides access to several common weather data APIs. They include alerts and notification, forecast data, weather imagery, lifestyle indices, and severe weather that can be applied to optimize operations, reduce costs, and also help provide new revenue opportunities across many industries, such as retail, consumer packaged goods, life sciences, and transportation.

Clients of Weather Company Data Packages are responsible for determining whether use of the content is permissible in the countries in which they operate or plan to use the content.

Certain restrictions may apply depending on how Weather Company Data Packages is used. Further legal review is required if you plan to use Weather Company Data Packages for airplane navigation in the following countries:

- Germany
- Italy
- France
- United Kingdom
- Ireland
- Portugal
- Austria
- Norway
- Denmark
- Finland
- Spain
- Belgium
- Greece

In addition, Weather Company Data Packages cannot be used for public safety purposes, or in support of the military, defense, or national security without further legal review in the following countries:

- Belgium
- Spain

Contact your IBM® representative for more information on possible requirements for legal review.

**Key prerequisites**

- A supported browser
- Internet access

A monthly minimum on the total purchase of Weather Company Data Packages may apply. Contact an IBM representative for details.

**Planned availability date**

September 13, 2016
The data packages provide access through the cloud to many weather APIs that are curated to supply enriched solutions to decision needs across varied industries, which include retail, consumer packaged goods, life sciences, and transportation.

- **Weather Company Data - Core.** Many of the most essential weather APIs, ranging from current conditions and forecasts to radar and satellite data, are made available in this offering. Current conditions include site-based current observation and time series observations, known as observed weather data (temperature, wind direction and speed, humidity, pressure, dew point, visibility, and UV Index). Also included is a sensible weather phrase and its matching weather icon that are collected from METAR and SYNOP observation devices and site-based observation stations in the US and around the world. You will also benefit from daily and intraday forecast data for 24-hour periods that start today for the next 3, 5, 7, and 10 days. This includes forecasts for the daytime and nighttime segments, in addition to morning, afternoon, evening, and overnight segments. To further embellish a retailer’s or fleet dispatcher's visual data, The Weather Company has aggregated available radar and satellite data. It allows you to make data-assisted decisions using the latest radar data available.

- **Weather Company Data - Enhanced Current Conditions.** This data includes one of the highest-resolution weather observation networks that is available in the field based on over 200,000 personal weather stations in addition to traditional sources. Also included is Current on Demand. Government-issued weather sensors (METAR and SYNOP) are augmented by more than 125,000 proprietary neighborhood weather stations. The Weather Company’s technology uses this extensive database to computationally infer weather on a point-by-point basis anywhere in the world.

- **Weather Company Data - Enhanced Forecast.** The Weather Company’s forecast engine includes leading-edge ensemble model forecasting, 200 meteorologists and related scientists, and The Weather Company’s network of observations and radar to deliver the most accurate forecasts at 500-square-meter resolution globally, as confirmed by ForecastWatch. To best represent rapidly changing conditions, especially in the next 24 hours, The Weather Company’s forecasts are updated every 15 minutes. In addition, the data includes the granularity needed to step through the forecast hour-by-hour out 15 days by using the most accurate global forecast at 500-square-meter resolution.

- **Weather Company Data - Severe Weather.** Real-time severe weather data assists in protecting a company’s assets by staying one step ahead of adverse weather conditions, such as hail, lightning, severe wind, and tornadoes. Following a major weather event, managers and dispatchers have superior first-pass, historical data to redirect resources and proactively provide alerts to customers and drivers in areas impacted by severe weather. It helps prepare retailers and fleet dispatchers by providing global 15-day, tropical forecasts using the latest science and technology.

- **Weather Company Data - Lifestyle Indices.** Weather data can impact a person’s behavior in many situations. The set of lifestyle indices helps organizations to use these weather events in order to better serve their customers, patients, members, and more. For example, there are various health-related indices such as air quality, pollen, flu outbreak, aches and pains, breathing, and dry skin. Other indices include frizz, static electricity, heating and cooling, frost potential, leisure travel, golf, running, and skiing.

**Accessibility by people with disabilities**

A US Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be found on the IBM Accessibility website.
Bluemix® entry point offering for developers with a richer set of data services. It gives users the ability to embed weather into their own applications or build new applications. This is in addition to using the industry-oriented weather solutions offerings for aviation, energy, media, and insurance currently available from IBM.

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**Education support**

IBM training provides education to support many IBM offerings. Descriptions of courses for IT professionals and managers can be found on the IBM authorized training website.

Contact your IBM representative for course information.

**Offering Information**

Product information is available on the IBM Offering Information website.

More information is also available on the Passport Advantage® and Passport Advantage Express® website.

**Services**

**Global Technology Services**

Contact your IBM representative for the list of selected services available in your country, either as standard or customized offerings, for the efficient installation, implementation, or integration of this product.

**Technical information**

**Approved operating environment**

**Hardware requirements**

The Weather Company Data Packages on cloud offering requires:

- A workstation that supports one of the web browsers listed in the Software requirements section
- A direct internet connection

**Software requirements**

The Weather Company Data Packages on cloud offering requires these minimum levels of one of the following browsers:

- Microsoft™ Internet Explorer V11
- Mozilla Firefox, latest version for your operating system and ESR 38
- Google Chrome, latest version for your operating system
- Safari, latest version for Mac
The program’s specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

**Planning information**

**Packaging**

This offering is delivered through the internet. There is no physical media.

This program, when downloaded from a website, contains the applicable IBM license agreement and License Information, if appropriate, which will be presented for acceptance at the time of installation of the program. For future reference, the license and License Information will be stored in a directory such as LICENSE.TXT.

**Ordering information**

For ordering information, consult your IBM representative or go to the Passport Advantage website.

This product is available only through Passport Advantage. It is not available as shrinkwrap.

Product Group: Acquisition Watson™ IoT

Product: Weather Company Data Packages on Cloud (5737-B22)

Product Category: The Weather Company

**Passport Advantage**

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The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction with IBM are contained in the applicable contract documents such as the IBM International Passport Advantage Agreement, the International Passport Advantage Express Agreement, the Cloud Services Agreement and associated Service Descriptions, or the IBM SaaS Terms of Use.

This product is available only through Passport Advantage. It is not available as shrinkwrap.

**Subscription**

The IBM International Passport Advantage Agreement and the IBM SaaS Terms of Use or the IBM Cloud Services Agreement (CSA) and the Service Description govern your use of this offering.

**Technical support**

Technical support is provided for IBM SaaS and enabling software, as applicable, during the subscription period. Any enhancements, updates and other materials provided by IBM as part of any such technical support are considered to be part of IBM SaaS or enabling software, as applicable, and therefore governed by the SaaS Terms of Use or the CSA and associated Service Description. Technical support is included with IBM SaaS and is not available as a separate offering.

Refer to additional technical support information in the IBM Software as a Service Terms of Use document for the program.

**Terms of Use**

The program’s *Terms of Use and CSA Service Description* document is available on the [Software as a Service terms](#) website.

**Limited warranty**

If warranted, refer to the warranty as stated in the Terms of Use document or the Cloud Services Agreement for this offering.

**Money-back guarantee**

No

**Volume orders (IVO)**

No

**Passport Advantage applies**

Yes, information is available on the [Passport Advantage and Passport Advantage Express](#) website.
Software Subscription and Support applies
No

System i Software Maintenance applies
No

Variable charges apply
No

Educational allowance available
Education allowance does not apply. Education software allowance does not apply. Special education prices are available for qualified customers through Passport Advantage.

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, or misappropriated or can result in misuse of your systems to attack others. Without a comprehensive approach to security, no IT system or product should be considered completely secure and no single product or security measure can be completely effective in preventing improper access. IBM systems and products 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.

Important: IBM does not warrant that any systems, products, or services are immune from, or will make your enterprise immune from, the malicious or illegal conduct of any party.

Prices

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Passport Advantage
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Only in the following European, Middle Eastern, and African countries: Austria, Belgium, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Israel, Italy, Latvia, Lithuania, Luxembourg, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, Turkey, United Kingdom.

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**IBM Directory of worldwide contacts**

**Corrections**

**(Corrected on August 16, 2017)**

Revised Description section.