The Weather Company History on Demand

Learn from the past's data to prepare for the future's business demands

The Weather Company
An IBM Business

- – Precision
- – Accuracy
- – Speed of scale
- – Competitive pricing
- – 35 km grid
- – Over 5 years of historical data

Global historical temp for December 1, 2016 at 0Z
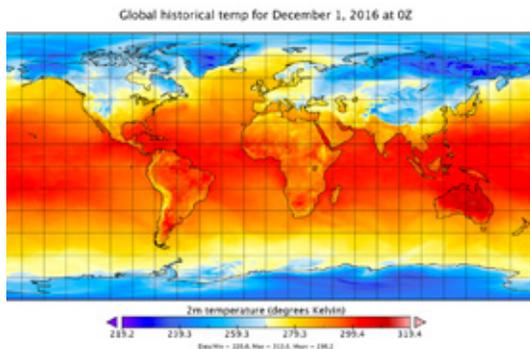
Anecdotes are great for telling stories, but they lose credibility when your near real-time business decisions depend on them for actionable data. History on Demand (HoD), from The Weather Company, an IBM Business, provides the historical context we think you need. You can use it to extrapolate relationships and make correlations with your past business and operational results, enabling you to predict future business needs and outcomes.

HoD offers competitively-priced and accurate historical weather information, featuring a 35 km worldwide grid and hourly historical information dating back to July 2011.

Make global decisions locally

HoD provides a worldwide, consistent dataset of the most important and commonly used weather parameters accessible via web API. You can obtain large historical datasets specific to your geography and time without having to rummage through unorganised public datasets. If you combine this historical data with your analysis and our forecast products, you have tools that help you manage and minimise significant weather impacts on your business and plan for them appropriately in the future.

Convenient access in one package

HoD offers a comprehensive dataset ranging from July 2011 to the present day, and new data is regularly added as it becomes available. HoD contains hourly values for surface temperature, wind speed, wind direction, relative humidity, atmospheric pressure, dewpoint and precipitation rate. Access can be gained by latitude/longitude and is supported for a list of latitudinal/longitudinal points, as well as a bounding box specification. Helper APIs are available to translate coordinates to common location identifiers.

HoD synthesises multiple historical observational datasets to create a worldwide, high-resolution, grid-based representation of past weather conditions. Other publicly available archives tend to be based on sparsely populated airport observational data. Coupled with The Weather Company's most accurate worldwide forecasts[1], HoD can help you create robust analysis and prediction capabilities for your business. Our Cloud Native platform efficiently processes billions of observations and forecasts to build the industry's most precise and accurate historical record of weather data.

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

Footnote

1 Three Regional Accuracy Overview, 2010
to 2016, By ForecastWatch.com, a Service of
Intellovations, LLCorecastWatch, December 2016,
http://forecastwatch.com/static/Three_Region_
Overview_2010_201606.pdf

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