The Weather Company data package: Severe weather

Stay ahead of severe weather with enhanced forecasting

The Weather Company
An IBM Business

Tornadoes, lightning, high winds and hurricanes can cause businesses to potentially lose millions in network downtime, inaccessibility and opportunities. The Severe Weather data package from The Weather Company, an IBM Business, can help you keep your business and your clients' businesses ahead of storms.

Our network delivers the most accurate forecasts at 500 m resolution globally and updates every 15 minutes[1]

Forecast near real-time estimates designed to help protect company assets

In preparation of or to respond to a weather event, managers and dispatchers can redirect resources and proactively provide alerts to customers and drivers in areas impacted by severe weather. For example, this can help prepare retailers and fleet dispatchers for possible weather disruptions by providing global 15-day tropical forecasts. Following a major weather event, companies can assess a storm's impact on their business.

Preparation and stability in the face of weather events is paramount. Make sure your forecast is on point with our Severe Weather data package.

Severe weather will happen–are you ready?

The Severe Weather data package includes the following features:

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

15-day probabilistic tropical forecast – Maximum probability that the wind speed will exceed a threshold for the Indian, northwestern Pacific, or north Atlantic Oceans expressed as a percent value. This is a 15-day forecast aggregate with 80 km resolution updated every 12 hours.

Storm reports – Text reports of observed severe weather parsed from NWS Local Storm Report bulletins (US)

StrikeZone – 30-minute lightning intensity forecast (US)

HailZone – 30-minute damaging hail swath forecast (US)

ShearVision – 1-hour trailing tornado path estimates (US)

HailVision – 30-minute and 1-, 2-, 3-, 6-, and 24-hour trailing hail estimates (US)

RainVision, SnowVision, and IceVision – 1-, 3-, 6-, 12-, and 24-hour trailing accumulated rain, snow and ice estimates

Location mapping services – Utility API for finding locations according to zip code, geocode, city, state, region, district or province

Other data packages offered by The Weather Company include Core weather, Enhanced Current Conditions, Enhanced Forecast, 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 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. It's 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

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Footnote

1 The Weather Company Named Most Accurate Forecaster in the World by New, Press Release, The Weather Company website, 12/31/2016, Study, http://www.theweathercompany.com/WeatherNamedMostAccurate

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