

Weather data packages



Enable better decision-making with cloud-based APIs

Weather impacts every sector of the economy and can be the largest external swing factor in business performance. With Weather data packages, you can inject a wealth of weather-based insights into your business applications and processes to help uncover ways to optimize operations, reduce costs, improve safety and identify new revenue opportunities.

Every business, in every sector, needs a weather strategy

These robust data packages tap into current and forecast conditions, seasonal and severe weather as well as foot-traffic volumes. You can take advantage of these streamlined packages, accessing the weather data APIs via the cloud. The packages are curated to give you only what you need in the format you need it, including alerts, notifications, forecast data, weather imagery, and damaging weather.

- **Core:** Access many of the most essential weather APIs, ranging from current conditions and forecasts to radar and satellite data. Current conditions include site-based current observations and time series observations.
- **Enhanced current conditions:** Leverage data from one of the highest-resolution weather observation networks in the field based on a robust network of personal weather stations (PWSs) and traditional data sources (METAR and SYNOP). Also included is a Currents on Demand solution, an observed conditions data set covering the globe at a 4-km resolution with select variables downscaled to 500 m.
- **Enhanced forecast:** Use forecast models built using leading-edge model forecasting, expertise from over 100 meteorologists, and a network of observations, radar, and satellite assimilations and modelling capabilities.
- **Severe weather:** Obtain real-time severe weather data related to tornadoes, lightning, high winds and hurricanes to assist you in protecting your assets by allowing you to stay ahead of adverse weather conditions and assess trailing damage estimates.
- **Lifestyle Indices:** Air quality, pollen observations, flu outbreak observations, tides, aches and pains, breathing, dry skin, frizz, static electricity, frost potential, heating and cooling, golf, leisure travel, running, skiing, mosquito activity
- **Historical weather data:** More easily understand weather's impact on your business and better manage future outcomes with the industry's most precise and accurate historical record of weather data¹ that includes hourly values for surface temperature, wind speed and direction, relative humidity, atmospheric pressure, and dewpoint.
- **Seasonal and subseasonal forecasts:** Plan for market shifts that may affect profitability with forecasts that provide a comprehensive and detailed view of the anticipated temperature and precipitation anomalies over the next 3 – 5 weeks, 1 – 4 months and 1 – 7-months timeframes.

For more information, visit the [Weather Company Data Packages](#) web page.

Specific data availability may vary by location

Put the world's most accurate forecaster to work for your business.¹

1 The Weather Company ranks as the world's most accurate forecaster, according to a 2010-2017 study, which is the most recent, most comprehensive study available from ForecastWatch, source: "Three-Region Accuracy Overview – 2010 through 2017", by ForecastWatch.com, a Service of Intellovations; Sep 2018

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Produced in the United States of America
January 2020

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