



## Historical Data

2000 TO PRESENT DAY



## Forecast Data

UP TO 42 DAYS



## Global Dataset

COVERS ALL LANDMASSES

## ONPOINT® WEATHER Weather Data For Analytics

**OnPoint Weather** is the most comprehensive and accurate, analytics-grade global weather data available.

The OnPoint Weather dataset is a curated continuum of historical data from the year 2000 to present, current data, and forecast data of up to 15 days with an extended and enhanced forecast going out 42 days. Historical forecast data in pristine format is also available going back to the year 2015.

Our global dataset begins on a high-resolution grid that covers all landmasses in the world and extends up to 200 miles offshore. Each grid point - 1.6 million in total - represents a "virtual" weather station with an OnPoint ID from which weather data can be mapped. This unparalleled, high-resolution method ensures your location of interest is never more than 2.2 miles away from an OnPoint ID or "virtual" weather station.

Many of our competitors rely solely on data from airport observation stations, a method that is flawed for several reasons. Airport observation stations are often too far - up to hundreds of miles - from your location to provide actionable data and up to 25% of airport observation stations routinely report gaps and errors in their data.



## Data Quality & Accuracy

Weather Source ingests all of the best weather sensing technologies - airport observation stations, radar and satellite feeds, IoT sensors, and more into its high-resolution grid - then preps, cleans, fills gaps, and homogenizes these inputs. Industry leading number of inputs coupled with our deep, problem-solving algorithms and a suite of weather analysis and modeling tools produces weather data that is properly collocated to your location of interest.

We spent more than a decade perfecting our data quality processes to ensure your data is error-free, gap-free, and instantly usable. This quality control process includes a battery of tests such as observation consistency - for example, snow isn't possible at 70°F - and comparisons against companion datasets. Missing or erroneous observations are replaced with estimates derived from surrounding data points, so you can rest assured that the information you receive is accurate and of the highest quality.

## Seamless Access

All past, present, and forecast OnPoint Weather data is available in both hourly and daily formats and is accessible on-demand via our easy-to-use OnPoint API or as CSV files.

Weather Source data is also available within leading business intelligence platforms such as, BattleFin, Eagle Alpha, Google Cloud Platform, Looker, Qlik, and Snowflake.

## The OnPoint Advantage

**OnPoint Weather** allows businesses to make better-informed decisions to improve operational and organizational efficiency. Companies that incorporate OnPoint Weather data into their business intelligence can easily apply this data and generate insights to discover how weather impacts their bottom lines.

**OnPoint Weather** data enables companies to reduce wasteful spending, increase ROI, optimize logistics, control inventory, improve resource planning, and maximize marketing campaigns. The end result is actionable business intelligence.

## ONPOINT® WEATHER | Used By:



**RETAILERS** to optimize footfall and product sales, seasonal product rotation, minimize supply chain disruption, predict employee absenteeism, engage in intelligent inventory planning, and marketing.



**FINANCIAL INSTITUTIONS** to manage operational risk, make better-informed trading decisions, and safeguard their most valued assets.



**MARKETING COMPANIES** to align marketing and sales strategies with weather data, triggering ads at the most appropriate time and to the right consumer groups.



**LOGISTICS/DISTRIBUTION COMPANIES** to identify weather conditions that result in delivery delays and create predictive models to adjust routes and schedules to prevent future delays and meet tight delivery deadlines.



**RESTAURANTS** for product promotion, staffing and inventory, and resource planning in areas with high footfall traffic.



**ENERGY COMPANIES** to assist with energy demand planning, especially for peak usage periods, grid resiliency and emergency response leading to substantial improvements in operational efficiency.

Get Started Using OnPoint Weather For Your Business  
844-813-2617 | [sales@weathersource.com](mailto:sales@weathersource.com) | [weathersource.com](http://weathersource.com)