ONPOINT® WEATHER

WEATHER SOURCE

Historical Data
2000 TO PRESENT DAY

Forecast Data
UP TO 15 DAYS

Global Dataset
COVERS ALL LANDMASSES

ONPOINT®WEATHER
Weather Data For Analytics

OnPoint Weather is the most comprehensive and accurate, analytics-grade 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. Our global dataset begins with 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.

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 meaningful insight 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— then preps, cleans, fills gaps, and homogenizes these inputs. A myriad of inputs coupled with our deep, problem-solving algorithms and a suite of weather analysis and modeling tools produce weather data that is truly hyper-local.

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 the easy-to-use OnPoint API or as CSV files.

Weather Source data is available within leading business intelligence platforms such as 1010Data, 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 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, minimize supply chain disruption, predict employee absenteeism, engage in intelligent inventory planning, and control optimization of resources, staffing, and marketing.

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

SALES & MARKETING COMPANIES to correlate weather as a critical component of sales and marketing strategies.

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

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

ENERGY COMPANIES to assist with resource demand planning, especially for peak usage periods, leading to substantial improvements in efficiency.

Get Started Using Onpoint Weather For Your Business
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