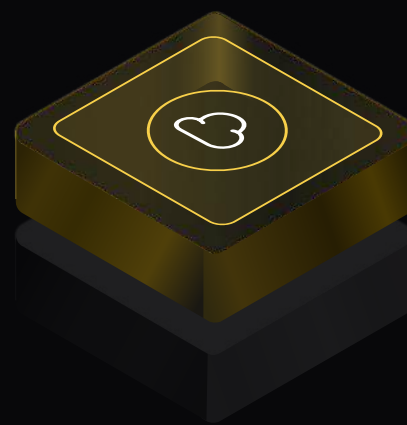




Ambee Weather Data

Seamless atmospheric intelligence for analytics, automation, and forecasting systems



A fragmented view of the world's most vital signal

Accurate weather data drives decisions across sectors from logistics and healthcare to energy and insurance. But most systems rely on outdated, incomplete inputs that lack geographic precision and forecast readiness.

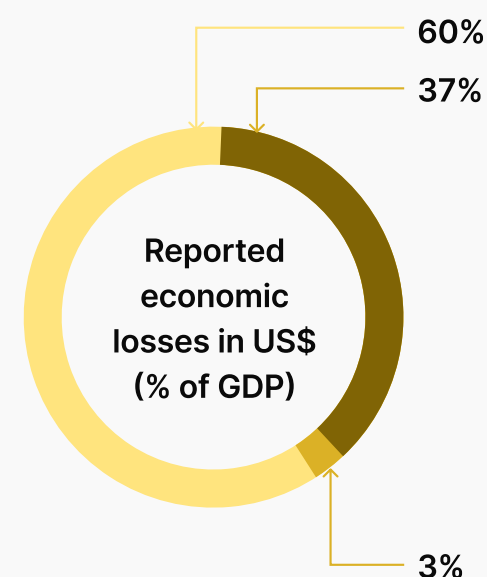
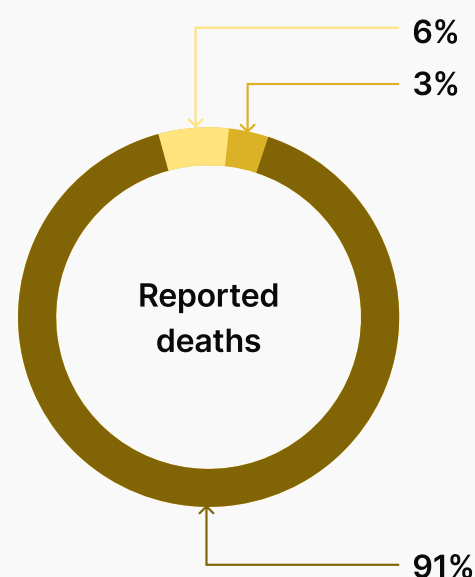
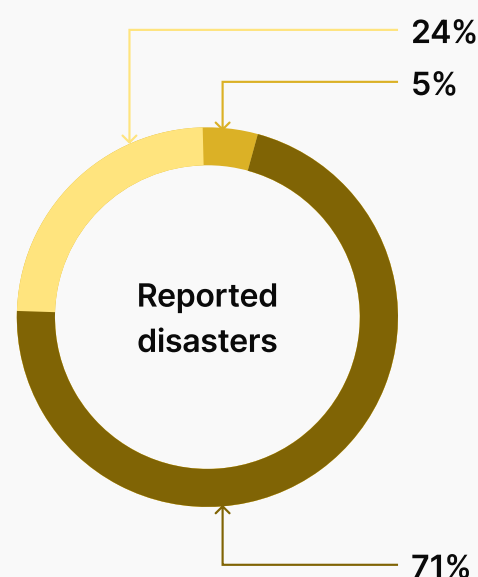
As heatwaves, storms, and rainfall extremes intensify, industries face mounting risks across supply chains, infrastructure, and outdoor operations.



Since 1970, weather and climate events have caused **\$4.3 trillion** in global losses and by 2035, escalating extremes could cut corporate profits by **7% annually**.

Who pays the price of disaster?

- Developed economies
- Economies in transition
- Developing economies



Source: World Meteorological Organization



Weather

Enter Ambee

Ambee's Weather Data delivers a calibrated, gap-filled, and spatially consistent dataset built from satellite signals, radar, model outputs, and validated ground stations. Coverage spans every location on Earth, every hour of the day.

Forecasts extend up to 30 days, with archives dating back to 1995 creating a seamless, system-ready stream of atmospheric intelligence for use in everything from hyperlocal automation to global climate models.

Unified from the sky down: How Ambee builds weather intelligence

Ambee’s global weather dataset is engineered for systems that depend on consistency, continuity, and climatological context. Built from a foundation of satellite signals, radar feeds, best-in-class weather models (including ECMWF, GFS, HRRR, ICON, GEM), and validated ground stations, the data is harmonized across temporal and spatial scales for analytics-grade usability.

Ambee’s weather data supports:

-  Forecast windows from 1 hour to 30 days.
-  Hourly and daily resolution.
-  Seamless continuity from 1995 to the present and into the forecast.
-  A library of 20+ core variables, including temperature, wind, dew point and more.
-  Mapping to any global lat/lon, ZIP/postal code, DMA, MSA, or custom polygon.

Global coverage

Weather data for any location, any resolution, any time frame.





Seamless continuity

Unified schema from 1995 to 30-day forecasts.



Forecast-ready

Bias-corrected inputs optimized for ML pipelines.

Powered by Ambee’s three-decade archive, hourly refresh rates, and dozens of atmospheric variables, the system supports enterprise-grade forecasting, climate-aware modeling, operational decisioning, and risk intelligence at a planetary scale.



Where weather becomes action

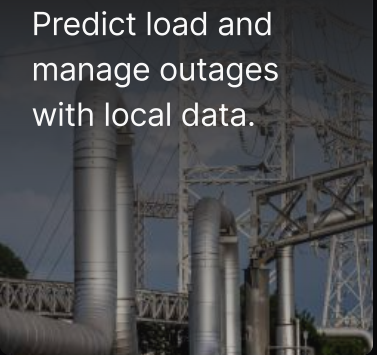
Retail & e-commerce

Align inventory and delivery with weather forecasts.



Energy & utilities

Predict load and manage outages with local data.



Transportation & mobility

Reroute fleets and trigger weather-based safety actions.



Consumer apps & platforms

Personalize experiences using UV, heat, and storm data.



Smart homes & devices

Automate air and energy control with hyperlocal forecasts.





“We tried out Ambee’s Weather and Pollen API for our healthcare app. The data was accurate and valuable, and the team was really supportive. I would recommend working with them.”

Kunal Kishore Dhawan - Co-founder & CEO, Navia life care

Want to learn more?

Contact us at

sales@getambee.com

Visit our website

www.getambee.com

Reach out to us



Try the data in our API playground

