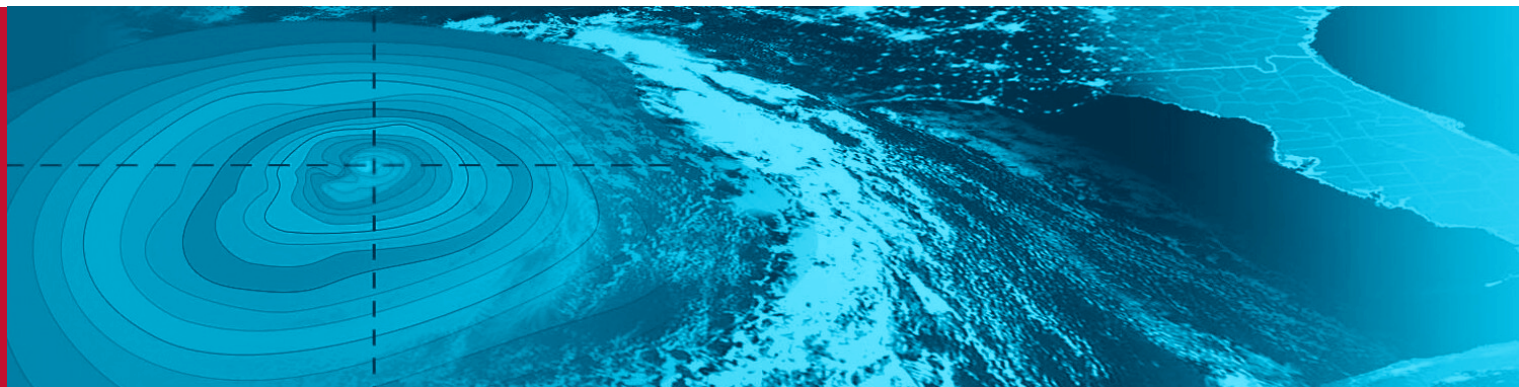




RMS HWind

World's Leading Provider of Tropical Cyclone Wind Field Data



RMS HWIND OFFERINGS AT A GLANCE

Comprehensive coverage of hurricane-impacted regions: Data covers the western North Atlantic, Eastern Pacific, and Central Pacific basins, including all storms with NOAA aircraft reconnaissance and all landfalling hurricanes.

Continuous monitoring of real-time tropical cyclones: HWind Real-Time Analysis provides wind field analyses leading up to, during, and following landfall, as well as post-landfall wind hazard footprints based on expert review of event observations.

Extensive catalog of historical hurricane-impact data: The HWind Enhanced Archive contains high-resolution wind hazard metrics from historical tropical cyclones over the past 20+ years.

Ease-of-use and integration: Data is available in a number of user-friendly formats including images, gridded datasets, shapefiles, and RMS RiskLink®-compatible XML files.

The Industry Standard

RMS® HWind provides a comprehensive range of observation-based data products that are vital to understanding, anticipating, and managing tropical cyclone risk effectively.

HWind data products produce real-time and historical wind field analyses in the western North Atlantic, Eastern Pacific, and Central Pacific basins.

Developed over more than 20 years by world-leading hurricane observation researchers, this high-quality, observation-based data is the industry standard for assessing damaging characteristics of tropical cyclones, including wind field size and intensity before, during, and after landfall.

HWind products are used by (re)insurers, risk modelers, academics, and government agencies for a variety of commercial and scientific purposes, such as real-time event preparation and response, post-event loss assessment, and model validation against past loss experience.

Using Past Experience to Manage Right Now

HWind consists of two primary products:

HWind Real-Time Analysis

- Regularly derived snapshots of wind field conditions leading up to and following landfall, allowing you to prepare, strategize, adapt, and respond to storm conditions in real-time
- Event analysis based on the latest observations from a variety of data sources, including aircraft reconnaissance, dropsondes, buoys, and satellites
- Post-event wind hazard footprints produced 1-3 days following tropical cyclone landfall
- Optimal representation of an event's wind field based on expert review of all observations, during and immediately following the event

KEY BENEFITS

HWind Real-Time Analysis

- Obtain key insights into wind field structure and intensity characteristics as the event unfolds
- Anticipate areas of likely claims and business interruption
- Accurately position response and recovery assets, such as claims adjusters
- Support post-event claims forensics work to gauge event performance and prevent fraud

HWind Enhanced Archive

- Validate catastrophe models against your historical experience for internal or regulatory purposes
- Develop model loadings, assess model suitability, and own your view of risk by peril region
- Input datasets into the development of your own catastrophe models, such as stochastic event hazard frequency and footprints

HWind Enhanced Archive

- Catalog of 20+ years of high-resolution wind-impact images, snapshots, and footprints from historical tropical cyclones
- Informed by the same underlying science and methodology used for the HWind Real-Time Analysis products, as well as additional data not available during the event
- Provides an accurate reconstruction of a storm's key pre- and post-landfall wind hazard characteristics

What is Unique About RMS HWind?

- Informed by the most sophisticated wind field analysis methodology on the market, developed over more than 20 years by one of the world's leading hurricane observation researchers
- Quality of data and methodology backed by hundreds of citations in peer-reviewed publications across a variety of research fields
- Reflects wind field characteristics with more accuracy, precision, and frequency than publicly available sources, such as the National Hurricane Center
- Datasets incorporate unique wind field analysis metrics developed by HWind scientists, such as Integrated Kinetic Energy, a proven alternative to the Saffir-Simpson scale
- Incorporates the most comprehensive set of observational data sources on the market

Find out more

For more information on RMS HWind real-time or archive products, please email sales@rms.com.

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RMS is the world's leading catastrophe risk modeling company. From earthquakes, hurricanes, and flood to terrorism and infectious diseases, RMS helps financial institutions and public agencies understand, quantify, and manage risk.

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