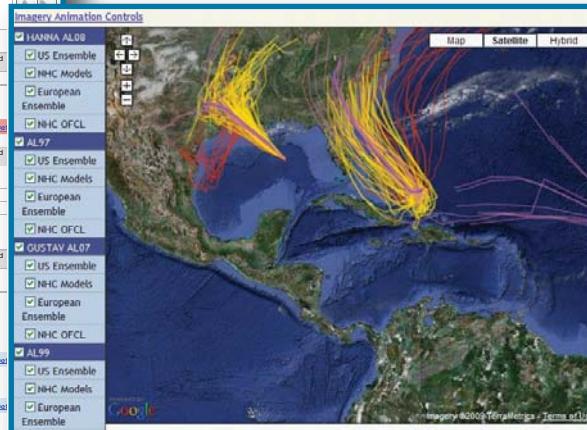


hCast-SR.
Probabilistic Hurricane Forecasts
Help You Quantify "Real-time" Risk.



hCast-SR Service

- AER's cutting edge 5-day probabilistic hurricane track & intensity forecast service monitors tropical storm activity throughout the Atlantic Basin and Gulf of Mexico then statistically interprets landfalling hurricane risk along the East & Gulf Coasts of the US.
- hCast-SR is a highly innovative decision support tool that weights, processes and statistically interprets forecast information from not one, but seven leading worldwide hurricane modeling centers to provide you with the best, most realistic track & intensity available.
- A powerful hurricane track forecast utilizing Model Output Statistics (MOS) that is based on an ensemble of forecast models, some of which are ensembles themselves. Over 100 independent track & intensity forecasts updated four times per day which quantify the risk of landfalling hurricanes for 5 regions along the East & Gulf Coasts.
- Fully integrated web interface for point and click access to detailed information on position, intensity and probability of making landfall— for one or more active storms.
- AER's unique service is developed and supported by leading hurricane experts with extensive backgrounds in meteorology, mathematics and statistics—specifically designed for the energy, derivatives and insurance markets.

hCast-SR Advantage

Minimize Your Risk.

hCast-SR predicts storm-by-storm "real-time" risk of hurricanes over the 1-5 day timeframe.

Complete, Unbiased Track Information.

With hCast-SR MOS you can monitor an unbiased statistical interpretation of over 100 hurricane track forecasts from 7 leading hurricane modeling centers on a single robust web interface.

Clear, Concise Reporting.

Tables and graphics provide detailed position reports with unambiguous graphics. Summarizing the key information into a quick read for those making time critical decisions. The forecast track is based on the best interpretation of all available track and positioning information.

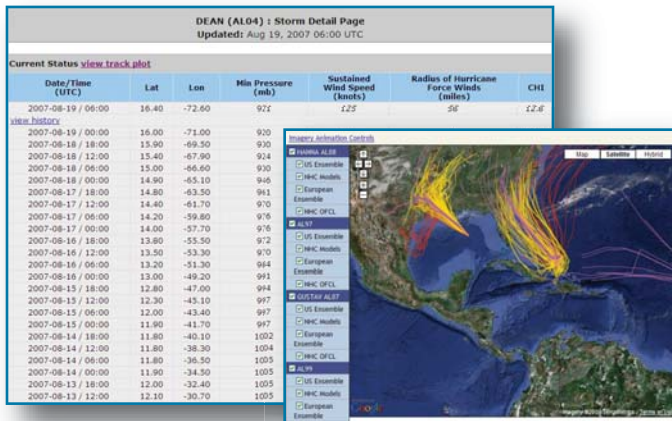
Access to Tropical Storm Experts.

hCast-SR includes a team of hurricane experts available to answer questions regarding time sensitive tropical events. They are ready to help you interpret your risk of landfalling hurricanes.

Early Warnings

Tropical Genesis areas are closely monitored to provide an early warning of potential storm threats and updates its risk estimates every time new information arrives, typically 8 to 12 times per day.

hCast SR Features

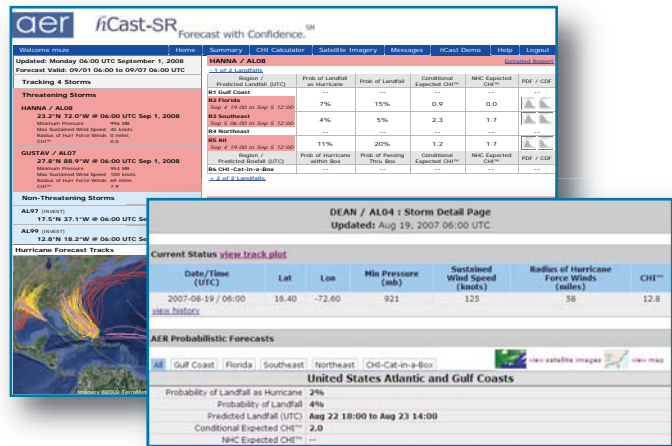


Precise probabilistic storm information about landfalling hurricane potential along 4 coast line segments and in a box over the oil- and gas-producing Gulf Coast waters.

Quickly assess landfall timing and location, and expected intensity—updated 4 times per day.

Each storm's destructive potential is represented by the Chicago Mercantile Exchange (CME) Hurricane Index.

The latest information on Tropical Genesis areas, giving you an early look at what the NHC is monitoring for upcoming tropical events.

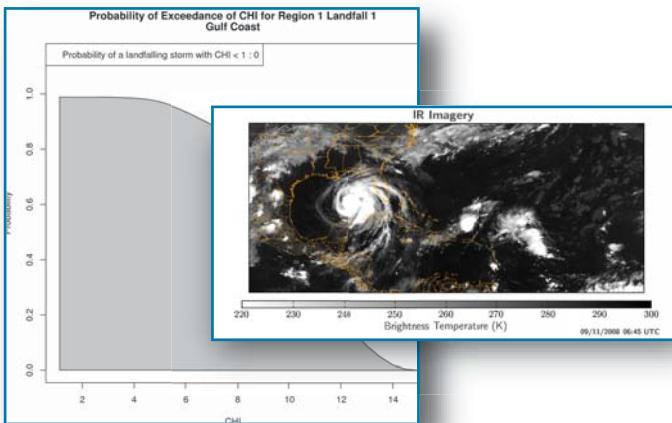


View the storm's latest landfall forecast including the expected CHI at landfall, and click to see a history of its past positions and intensity.

View over 100 hurricane forecast tracks from 7 leading modeling centers

- NOAA's National Hurricane Center (NHC)
- European Center for Medium Range Weather Forecasts (ECMWF)
- United Kingdom Meteorological Office (UK Met Office)
- NOAA's Geophysical Fluid Dynamics Laboratory (GFDL)
- NOAA's National Center for Environmental Prediction (NCEP)
- U. S. Navy Fleet Numerical Modeling and Operations Center (FNMOC)
- Environment Canada Modeling Center (CMC)

Our robust storm detail page provides you with the latest hurricane information including: minimum pressure, sustained wind speeds and radius of hurricane force winds all in a concise tabular format.



A selection of value-added satellite images that animate the current and developing storms' activity for easy monitoring.

Plots of the probability distribution function for CHI at landfall (PDF) and the cumulative distribution function for the probability of CHI exceedance (CDF) are provided for more detailed analysis of a hurricane's forecast intensity at landfall.

hCast-SR was developed and is supported by leading AER scientists with recognized expertise in tropical prediction, numerical weather prediction, ensemble modeling techniques, bias correction and statistical methods. hCast employs the latest techniques based on years of experience in these combined areas.

For more information or to sign up for a live forecast demo, please contact an authorized hCast-SR Sales Representative at marketing@aer.com.

