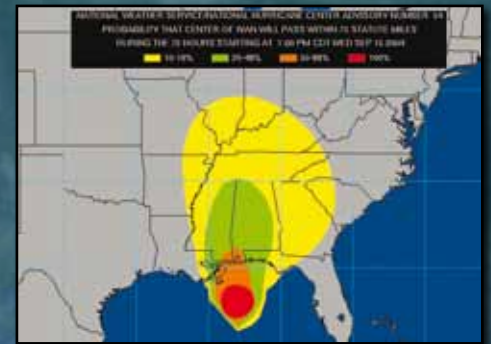


HURRICANE FORECASTS

The National Hurricane Center (NHC) is the official source for tropical cyclone advisories and forecasts, and is responsible for issuing tropical cyclone watches and warnings for the United States.

Some commonly used Tropical Cyclone Products:

- Public Advisories
- Forecast Advisories
- Forecast Discussions
- Wind Speed Probability Forecasts
- Tropical Weather Outlooks
- Hurricane Local Statements
- Tropical Storm/Hurricane Wind Watches/Warnings
- Extreme Wind Warnings



Examples of NHC Graphics for Hurricane Season (from top left)

Tropical Storm Advisory graphic—Cone of Uncertainty

Cumulative Wind History (updated with each advisory)

Wind Speed Probability Forecast

Extreme Wind Warning done for CAT 3-5 Hurricanes—Immediate Warning



Utilizing and Interpreting NHC's Forecast Advisory

- The white uncertainty cone of the forecast advisory represents the 10-year average error. The center of the tropical cyclone will remain in the white error cone only 67% of the time.
- Remember that hurricane conditions can be felt hundreds of miles away from the center of the storm.
- **DO NOT** focus solely on the exact forecast track!
- **DO NOT** wait for a hurricane watch or warning before implementing your initial preparations, as it may be too late to complete them.



Courtesy of NHC
Coordination of Hurricane Forecasts

Additional Tropical Weather Information:

- National Weather Service, Mobile, AL: www.srh.noaa.gov/mob
- National Weather Service, Tallahassee, FL: www.srh.noaa.gov/tae
- National Hurricane Center: www.nhc.noaa.gov