

WILLIS HURRICANE TRACKING AND ADVISORY SERVICE

The Willis Hurricane Tracking and Advisory Service offers real-time direct notification of the status and forecast track of developing tropical depressions, tropical storms and hurricanes in the Atlantic basin. Actual public advisories are sent to clients at least once a day during tropical cyclone development stages. This proactive service is available at no charge to provide our clients and other interested parties with advanced warning so they can commence preparations to protect their property in the event of an approaching storm.

BULLETIN

HURRICANE IKE

*INFORMATION FROM NHC ADVISORY 50, 11:00 AM CDT SATURDAY, SEPTEMBER 13, 2008

INTENSITY MEASURES	POSITION & HEADING	U.S. LANDFALL FORECAST (NHC)
Max Sustained Wind Speed: 80 mph (Category 1)	Position Relative to Land: 20 miles south-southeast of Huntsville, TX	Est. Time & Region: 2:30 AM CDT on Galveston, Texas
Min Central Pressure: 964 mb	Coordinates: 31.0 N, 95.3 W	
Hurricane Force Winds (74+ mph): 45 miles from center	Bearing/Speed: north at 16 mph	Est. Max sustained Wind Speed: 110 mph (borderline strong category 2 / weak category 3)

FORECAST SUMMARY

Ike is a very large and powerful storm and may remain a hurricane into this afternoon. Because of Ike's large size, on-shore locations are expected to experience hurricane force wind for extremely long durations which could cause greater damage than is typical for Ike's forecast landfall in intensity.

- The windfield map – based on the GFDL 0:00 UTC forecast immediately before landfall (below right) - shows that this model forecast the storm's peak winds at landfall to be of strong category 2 hurricane strength (111 - 130 mph). The GFDL - one of many models used by NOAA – has been statistically identified as the current "best performing" model for Ike by Kinetic Analysis Corp.
- Coastal storm surge flooding of up to 15 feet above normal tide levels, with some areas over 20 feet along with large and dangerous battering waves, were expected to have occurred along the upper Texas and southwestern Louisiana coasts. Tide Gages along the upper Texas coasts are still reporting storm surges 9 to 12 feet above normal tide levels.
- Rainfall amounts of 5 to 10 inches, with isolated amounts of 15 inches possible, are expected over eastern Texas and extreme southwestern Louisiana. Isolated tornadoes are possible today over portions of southern Louisiana and southeastern Texas. Isolated tornadoes are possible tonight over portions of western Louisiana, much of Arkansas and southern Missouri.

5-day Forecast Track for Hurricane Ike (National Hurricane Center)

Forecast Windfield Footprint for Hurricane Ike (based on GFDL as of 0:00 UTC) from Kinetic Analysis Corp.

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