

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.

MANAGING EXTREMES

HURRICANE TRACKING ADVISORY BULLETIN

Tropical Storm Tomas

Information from NHC Advisory 1, 5:08 PM EDT Friday October 29, 2010

Intensity Measures		Position & Heading		Landfall Forecast (NHC)	
Max Sustained Wind Speed:	40 mph (Tropical Storm)	Position Relative to Land:	200 miles SE of Barbados	Est. Time & Region:	Saturday Afternoon on or near the Central Windward Islands
Min Central Pressure:	996 mb	Coordinates:	11.1 N, 57.5 W	Est. Max Sustained Wind Speed:	60 mph (Tropical Storm)
Tropical Storm Force Winds (39+ mph):	45 miles	Bearing/Speed:	West-northwest or 296 degrees at 17 mph		

Forecast Summary

Tropical Storm Tomas is forecast to strengthen over the next 48 hours and could become a hurricane by Sunday.

- Within 48 hours, there is a 40% chance Tomas will remain a tropical storm (39-73 mph winds), a 57% chance Tomas will strengthen to a hurricane (74+ mph winds) and a 3% chance Tomas will weaken to a tropical depression (winds below 39 mph) or dissipate.
- The windfield map – based on the HWRP 06:00 UTC forecast (below right) – shows that this model has forecast the storm's peak winds at category 2 hurricane strength (96-110 mph winds). The HWRP – one of many models used by NOAA – has been statistically identified as the current "best performing" model for Tropical Storm Tomas by Kinetic Analysis Corp. Forecast tracks for all current models (All Fast Tracks) are shown on the map (in pale gray) to illustrate the uncertainty in Tomas's forecast track.
- Tomas is expected to produce total rainfall accumulations of 3-5 inches, with possible isolated maximum amounts of 8 inches, across portions of the Windward and Southern Leeward Islands.

Forecast Track for Tropical Storm Tomas (National Hurricane Center)

Forecast Windfield & Rain Footprint for Tropical Storm Tomas (Based on HWRP as of 06:00 UTC) from Kinetic Analysis Corp.

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Hazard and damage potential maps produced by KAC are based on numerical modeling results from Kinetic Analysis Corporation.

If you are interested in this service, please contact your local Willis representative or Joe Stavish, PE, National Technical Director, Property Risk Control, 973 829 2955, joe.stavish@willis.com or David H. Gluckman, ARM, CBCP, CFPS, CBCA, Senior Risk Control Consultant, 973 829 2920, david.gluckman@willis.com.