



## **NHC/TAFB to extend Experimental Tropical Cyclone Danger Area Graphic and Satellite Rainfall QPE and QPF Webpage through 2013 hurricane season**

Two experimental products issued by the National Hurricane Center/Tropical Analysis and Forecast Branch (TAFB) have been approved for extension through the 2013 Hurricane Season.

During the 2012 Hurricane Season, TAFB provided, on an experimental basis, a Tropical Cyclone Danger Area Graphic. It was based on the 34-kt wind speed probabilities through 72 hours from the latest tropical cyclone advisory of an active tropical cyclone using the 10% and 50% 34-kt wind speed probability contours. Feedback suggested that the 10% contour represented a much smaller potential avoidance area than what is considered adequate for planning purposes. As a result, the graphic to be used during the 2013 hurricane season will outline avoidance areas using the 5% and 50% 34-kt wind speed probability contours from the latest tropical cyclone advisory issuances for both the Atlantic and East Pacific basins.

The experimental tropical cyclone danger area graphics will be available four times daily beginning on May 15 at 0400, 1000, 1600, and 2200 Universal Coordinated Time (UTC) on the National Hurricane Center (NHC) website at: <http://www.nhc.noaa.gov/marine/#graphical>

A comprehensive description of the tropical cyclone danger area graphic is posted at: <http://www.nhc.noaa.gov/experimental/danger/>

From September 23 through November 30, 2012, NHC/TAFB provided, on an experimental basis, event-driven Satellite Rainfall Quantitative Precipitation Estimates (QPE) and model-derived Quantitative Precipitation Forecasts (QPF) for tropical cyclones and tropical disturbances affecting areas within the National Hurricane Center and Central Pacific Hurricane Center areas of responsibility (AOR). The feedback period has been extended to solicit sufficient feedback to ensure the product can be considered for operational implementation.

These experimental rainfall QPE and QPF products are event driven and are available four times a day at 0400 1000 1600 and 2200 UTC. The products are posted on the National Hurricane Center website at: <http://www.nhc.noaa.gov/experimental/rainfall>

A comprehensive description of the satellite-based QPE product is posted at: <http://www.nhc.noaa.gov/experimental/rainfall/description.php>

A request for comments on both the Experimental Tropical Cyclone Danger Area Graphic and the Experimental Satellite Rainfall QPE and QPF Webpage is extended for another year from May 15 through November 30, 2013.

A Public Information Statement (PNS) will be issued during the first week of May to provide additional details on these experimental products.

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