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Public Information Statement, Comment Request Amended
National Weather Service Headquarters Washington DC
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From: Eli Jacks
 Acting Chief, Forecast Services Division

Subject: Amended: Extension of Comment Period for Experimental Wind Speed
Probabilities-Based Tropical Cyclone Danger Area Graphic through November
30, 2015

Amended to extend comment period through November 30, 2015.

The NWS Tropical Analysis and Forecast Branch (TAFB) is extending the user feedback period for its experimental wind speed probabilities-based tropical cyclone danger graphic through November 30, 2015, the official end of the 2015 hurricane season.

The current Tropical Cyclone Danger Area graphic uses the mariners 1-2-3 rule to outline avoidance areas for active tropical cyclones. Feedback from users indicated that the 1-2-3 methodology has led to over-warned large avoidance areas. For the 2012 and 2013 hurricane seasons, TAFB provided, on an experimental basis, a Tropical Cyclone Danger Area Graphic based on the 34-knot (kt) wind speed probabilities through 72 hours from the latest tropical cyclone advisory for an active tropical cyclone using the 10 percent and 50 percent 34-kt wind speed probability contours. Feedback suggested that the 10 percent contour represented a much smaller potential avoidance area than what is considered adequate for planning purposes.

Beginning with the 2014 Hurricane season, the graphic outlined avoidance areas using the five (5) percent and 50 percent 34-kt wind speed probability contours from the latest tropical cyclone advisory issuances for both the Atlantic and East Pacific basins.

In the event there are no active tropical cyclones in either basin, the graphic will be blank with the following wording:

THERE IS NO TROPICAL CYCLONE ACTIVITY IN THE ATLANTIC
or
THERE IS NO TROPICAL CYCLONE ACTIVITY IN THE EAST PACIFIC

These experimental tropical cyclone danger area graphics are available four times daily at 0400, 1000, 1600 and 2200 Coordinated Universal 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/>

Users are encouraged to provide feedback on this experimental product by using the brief survey and comment form available online at:

<http://www.nws.noaa.gov/survey/nws-survey.php?code=TCDWBP>

After the comment period ends, TAFB will decide whether to transition the graphic to operational and whether to terminate the legacy mariners 1-2-3 version.

A link to all NHC experimental products is also provided at:

<http://www.nhc.noaa.gov/aboutexperimental.shtml>

If you have comments or questions, please contact:

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National Public Information Statements are online at:

<https://www.weather.gov/notification/archive>

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