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Service Change Notice 16-23
National Weather Service Headquarters Washington DC
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To: Subscribers:
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From: Eli Jacks,
 Chief, Forecast Services Division

Subject: Experimental Wind Speed Probabilities-Based
 Tropical Cyclone Danger Area Graphic to
 Transition from Experimental Status to
 Operational Status: Effective August 1, 2016

Effective August 1, 2016, the NWS National Hurricane Center (NHC) Tropical Analysis and Forecast Branch (TAFB) will provide, on an operational basis, the event-driven Wind Speed Probabilities-Based Tropical Cyclone Danger Area Graphic for both the Atlantic and East Pacific basins.

TAFB has provided, on an experimental basis, a Tropical Cyclone Danger Area Graphic when there is an active tropical cyclone. The graphic is generated based on the 34-kt wind speed probabilities through 72 hours from the latest tropical cyclone advisory using the 5 percent and 50 percent 34-kt wind speed probability contours for both the Atlantic and East Pacific basins.

The legacy 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. TAFB will terminate the legacy mariners 1-2-3 version after the Wind Speed Probabilities-Based Tropical Cyclone Danger Area Graphic is operational.

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

The tropical cyclone danger area graphics will be available four times daily during hurricane season 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/>

If you have comments or questions, please contact:

Hugh Cobb
Chief, Tropical Analysis and Forecast Branch
National Hurricane Center
E-mail: Hugh.Cobb@noaa.gov
Phone: 305-229-4454

National Service Change Notices are online at:

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

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