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Service Change Notice 15-13
National Weather Service Headquarters Washington DC
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From: Mark Tew
 Chief, Marine and Coastal Weather Services Branch

Subject: Five-Day Graphical Tropical Weather Outlook will Transition to
Operational: Effective May 15, 2015

Effective May 15, 2015, the 5-Day Graphical Tropical Weather Outlook (XGTWO) issued by the National Hurricane Center (NHC) will transition from experimental to operational status.

The XGTWO is a visual companion to the 5-day (120-hour) forecast and discussion currently in the Tropical Weather Outlook (TWO) text product, and will be produced four times daily by the NHC for the Atlantic and eastern Pacific basins. The XGTWO is a web-based set of graphics that identify the locations of current areas of disturbed weather and the areas where these disturbances could develop into tropical or subtropical cyclones.

The current disturbance locations are indicated by "X"s and the potential formation areas are shown as shaded or hatched areas. The areas are color-coded based upon the forecast likelihood of tropical cyclone formation in the next five days:

- Yellow, 30 percent or less chance
- Orange, 40-60 percent chance
- Red, 70 percent or greater chance

An overview XGTWO image shows all disturbances mentioned in the text TWO. When a user moves the computer mouse pointer over a disturbance in the graphic, the associated text for that disturbance pops up. Clicking on a disturbance will display a version of the graphic showing only that particular disturbance.

Each of the single-disturbance graphics displays the quantitative genesis probability, given in 10 percent increments, and a disturbance number (i.e., Disturbance 1, Disturbance 2), with the text for each numbered disturbance given beneath the graphic.

The graphic can be found on NHCs website at:
<https://www.nhc.noaa.gov/>

For questions regarding this notice, please contact:

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