

NOUS41 KWBC 071528  
PNSWSH

Service Change Notice 11-17  
National Weather Service Headquarters Washington DC  
1128 AM EDT Thu Apr 7 2011

To:           Subscribers:  
              -Family of Services  
              -NOAA Weather Wire Service  
              -Emergency Managers Weather Information Network  
              -NOAAPort  
              Other NWS Partners, Users and Employees

From:         Therese Z. Pierce  
              Chief, Marine and Coastal Services Branch

Subject: Probabilistic Tropical Cyclone Storm Surge Exceedance Products  
Become Operational: Effective June 1, 2011

Effective June 1, 2011, the Tropical Cyclone Probabilistic Storm Surge Exceedance products will become operational. The products provide storm surge heights, in feet above normal tide level, and the probabilities, from 10 to 90 percent at 10 percent increments, of storm surge exceeding the displayed height.

The products are produced when a hurricane watch or warning are in effect for any portion of the Gulf or Atlantic coasts of the continental United States. The products will be posted online at:

<http://www.weather.gov/mdl/psurge>

Gridded binary version two (GRIB2) and ESRI shapefiles will be available at this website by clicking on the download tab.

GRIB2 files will also be available on NOAAPort with the following World Meteorological Organization (WMO) headers:

LGXP10 KNHC	10 percent chance of exceedance
LGXP20 KNHC	20 percent chance of exceedance
LGXP30 KNHC	30 percent chance of exceedance
LGXP40 KNHC	40 percent chance of exceedance
LGXP50 KNHC	50 percent chance of exceedance
LGXP60 KNHC	60 percent chance of exceedance
LGXP70 KNHC	70 percent chance of exceedance
LGXP80 KNHC	80 percent chance of exceedance
LGXP90 KNHC	90 percent chance of exceedance

In addition, the GRIB2 products will be available in the National Digital Guidance Database (NDGD). The directory of where the products can be found will change from:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndgd/GT.slosh/AR.conus/>

To (effective June 1, 2011):

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndgd/GT.slosh/AR.conus/>

No change in the file names will occur. The GRIB2 file names of ds.surgeexcdNN.bin, where NN is the exceedance probability 10 through 90 percent in increments of 10, will continue to be used.

If June 1, 2011 is declared a Critical Weather Day by the National Centers for Environmental Prediction, the implementation date for transitioning the storm surge probabilities in the NDGD to operational will be postponed. Users will be notified of that decision via another Service Change Notice and a new implementation date will be established.

If you have any questions, please contact:

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National Service Change Notices are online at:

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

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