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PNSWSH

SERVICE CHANGE NOTICE 09-11
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1030 AM EST TUE FEB 24 2009

TO: SUBSCRIBERS:
-FAMILY OF SERVICES
-NOAA WEATHER WIRE SERVICE
-EMERGENCY MANAGERS WEATHER INFORMATION NETWORK
OTHER NWS PARTNERS...AND NWS EMPLOYEES

FROM: THERESE Z. PIERCE
MARINE AND COASTAL SERVICES BRANCH CHIEF

SUBJECT: SERIES OF PROBABILISTIC HURRICANE STORM SURGE PRODUCTS
BECOME OPERATIONAL AND EXPAND IN THRESHOLDS: EFFECTIVE
JUNE 1 2009

THE NWS PROVIDED THE PROBABILITIES OF STORM SURGE FROM 2 TO 10 FEET...AT ONE FOOT INTERVALS ON AN EXPERIMENTAL BASIS FOR THE 2008 ATLANTIC HURRICANE SEASON. THE ONLY EXCEPTION WAS THE PROBABILITY OF STORM SURGE AT 5 FEET...PROVIDED AS AN OPERATIONAL PRODUCT IN 2008.

BASED ON COMMENTS FROM USERS...A NUMBER OF PROBABILISTIC STORM SURGE PRODUCTS WILL BECOME OPERATIONAL FOR THE 2009 ATLANTIC HURRICANE SEASON. IN ADDITION...THERE WILL BE AN INCREASE IN THE NUMBER OF PRODUCTS PRODUCED.

SPECIFICALLY...FOR THE 2009 ATLANTIC SEASON...THE NWS WILL ADD THE PROBABILITIES OF STORM SURGE OUTPUT FROM 11 TO 25 FEET...AT ONE FOOT INTERVALS. THE COMPLETE SUITE OF PRODUCTS...FROM 2 THROUGH 25 FEET...AT ONE FOOT INTERVALS...IS DEEMED OPERATIONAL FOR 2009.

THESE PROBABILISTIC STORM SURGE PRODUCTS WILL ONLY BE GENERATED WHEN HURRICANE WATCHES AND/OR WARNINGS ARE IN EFFECT FOR THE ATLANTIC AND GULF COASTS OF THE CONTINENTAL UNITED STATES.

WHEN PRODUCED...GRAPHICAL VERSIONS OF THE PRODUCTS WILL BE POSTED ONLINE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.NHC.NOAA.GOV](http://www.nhc.noaa.gov)

A COMPREHENSIVE DESCRIPTION AND EXAMPLE OF THE PRODUCTS IS POSTED ON LINE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.NHC.NOAA.GOV/ABOUTNHCGRAPHICS.SHTML](http://www.nhc.noaa.gov/aboutnhcgraphics.shtml)

IN ADDITION...GRIB2 FILES OF THE PRODUCTS WILL BE TRANSMITTED ON NOAAPORT. THE COMPLETE SUITE OF WMO HEADERS FOR THE GRIDDED

PRODUCTS FOLLOWS:

WMO HEADER

LGXT02 KNHC	PROBABILITY OF STORM SURGE GREATER THAN 2 FEET
LGXT03 KNHC	PROBABILITY OF STORM SURGE GREATER THAN 3 FEET
LGXT04 KNHC	PROBABILITY OF STORM SURGE GREATER THAN 4 FEET
LGXT05 KNHC	PROBABILITY OF STORM SURGE GREATER THAN 5 FEET
LGXT06 KNHC	PROBABILITY OF STORM SURGE GREATER THAN 6 FEET
LGXT07 KNHC	PROBABILITY OF STORM SURGE GREATER THAN 7 FEET
LGXT08 KNHC	PROBABILITY OF STORM SURGE GREATER THAN 8 FEET
LGXT09 KNHC	PROBABILITY OF STORM SURGE GREATER THAN 9 FEET
LGXT10 KNHC	PROBABILITY OF STORM SURGE GREATER THAN 10 FEET
LGXT11 KNHC	PROBABILITY OF STORM SURGE GREATER THAN 11 FEET
LGXT12 KNHC	PROBABILITY OF STORM SURGE GREATER THAN 12 FEET
LGXT13 KNHC	PROBABILITY OF STORM SURGE GREATER THAN 13 FEET
LGXT14 KNHC	PROBABILITY OF STORM SURGE GREATER THAN 14 FEET
LGXT15 KNHC	PROBABILITY OF STORM SURGE GREATER THAN 15 FEET
LGXT16 KNHC	PROBABILITY OF STORM SURGE GREATER THAN 16 FEET
LGXT17 KNHC	PROBABILITY OF STORM SURGE GREATER THAN 17 FEET
LGXT18 KNHC	PROBABILITY OF STORM SURGE GREATER THAN 18 FEET
LGXT19 KNHC	PROBABILITY OF STORM SURGE GREATER THAN 19 FEET
LGXT20 KNHC	PROBABILITY OF STORM SURGE GREATER THAN 20 FEET
LGXT21 KNHC	PROBABILITY OF STORM SURGE GREATER THAN 21 FEET
LGXT22 KNHC	PROBABILITY OF STORM SURGE GREATER THAN 22 FEET
LGXT23 KNHC	PROBABILITY OF STORM SURGE GREATER THAN 23 FEET
LGXT24 KNHC	PROBABILITY OF STORM SURGE GREATER THAN 24 FEET
LGXT25 KNHC	PROBABILITY OF STORM SURGE GREATER THAN 25 FEET

THE OUTPUT PROBABILITIES ARE BASED OFF FEET ABOVE THE NATIONAL GEODETIC VERTICAL DATUM...COMMONLY ANNOTATED AS NGVD.

IF YOU HAVE ANY QUESTIONS...PLEASE CONTACT:

TIMOTHY SCHOTT
NATIONAL WEATHER SERVICE
MARINE AND COASTAL SERVICES BRANCH
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SILVER SPRING MARYLAND 20910
PHONE: 301-713-1677 EXTENSION 122

THIS AND OTHER SERVICE CHANGE NOTICES ARE AVAILABLE ONLINE AT
/USE LOWER CASE LETTERS/:

[HTTP://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM](http://www.nws.noaa.gov/om/notif.htm)

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