

NOUS41 KWBC 201515  
PNSWSH

PUBLIC INFORMATION STATEMENT  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
1015 AM EST WED JAN 20 2010

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: SOLICITING COMMENTS FOR EXPERIMENTAL TROPICAL CYCLONE  
PROBABILISTIC STORM SURGE EXCEEDANCE PRODUCTS THROUGH NOVEMBER 30 2010

EFFECTIVE JUNE 1 2010 AND CONTINUING THROUGH NOVEMBER 30 2010...THE NWS IS  
SEEKING USER FEEDBACK ON EXPERIMENTAL TROPICAL CYCLONE PROBABILISTIC STORM  
SURGE EXCEEDANCE PRODUCTS. THE EXPERIMENTAL PRODUCTS WILL BE GENERATED  
WHEN A HURRICANE WATCH OR WARNING IS IN EFFECT FOR ANY PORTION OF THE GULF  
OR ATLANTIC COASTS OF THE CONTINENTAL UNITED STATES.

THE 10 THROUGH 90 PERCENT EXCEEDANCE PRODUCT SUITE WAS PROVIDED AT 10  
PERCENT INCREMENTS ON AN EXPERIMENTAL BASIS DURING 2009. IT WILL REMAIN  
EXPERIMENTAL FOR 2010.

THE EXCEEDANCE HEIGHT IS THE STORM SURGE HEIGHT IN FEET...ABOVE NORMAL  
TIDE LEVELS...SUCH THAT THERE IS AN N...WHERE N EQUALS 10 THROUGH  
90...PERCENT CHANCE OF EXCEEDING IT.

THE PRODUCTS WILL BE POSTED ONLINE AT /USE LOWER CASE/:

[HTTP://WWW.WEATHER.GOV/MDL/PSURGE](http://www.weather.gov/mdl/psurge)

A COMPREHENSIVE DESCRIPTION AND STATIC EXAMPLES OF THE EXPERIMENTAL  
EXCEEDANCE PRODUCTS ARE POSTED AT THE ABOVE WEBSITE. GRIDDED BINARY  
VERSION TWO /GRIB2/ AND ESRI SHAPEFILES WILL ALSO BE AVAILABLE AT THIS  
WEBSITE BY CLICKING ON THE DOWNLOAD TAB.

GRIB2 FILES WILL BE TRANSMITTED 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

THE PRODUCTS WILL ALSO BE AVAILABLE IN GRIDDED BINARY VERSION TWO /GRIB2/  
ON THE NATIONAL DIGITAL GUIDANCE DATABASE /NDGD/ AT /USE LOWER CASE EXCEPT  
SL...ST...DF...DC...GT...AR/:

[HTTP://WEATHER.NOAA.GOV/PUB/SL.US008001/ST.EXPR/DF.GR2/DC.NDGD/GT.SLOSH/AR  
.CONUS](http://weather.noaa.gov/pub/sl.us008001/st.expr/df.gr2/dc.ndgd/gt.slosh/ar.conus)

WITH FILENAMES OF DS.SURGEEXCDNN.BIN WHERE NN IS THE EXCEEDANCE  
PROBABILITY 10 THROUGH 90 PERCENT IN INCREMENTS OF 10.

USERS ARE ENCOURAGED TO PROVIDE FEEDBACK ON THESE EXPERIMENTAL PRODUCTS BY  
USING THE BRIEF SURVEY AND COMMENT FORM AVAILABLE ONLINE AT /USE LOWER  
CASE/:

[HTTP://WWW.WEATHER.GOV/SURVEY/NWS-SURVEY.PHP?CODE=PHSS](http://www.weather.gov/survey/nws-survey.php?code=phss)

IF YOU HAVE TECHNICAL COMMENTS OR QUESTIONS...PLEASE CONTACT:

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[HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE](https://www.weather.gov/notification/archive)

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