

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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