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PNSWSH

PUBLIC INFORMATION STATEMENT...COMMENT REQUEST...CORRECTED
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
133 PM EDT TUE JUN 5 2007

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS
NOAA WEATHER WIRE SERVICE /NWS/ SUBSCRIBERS
EMERGENCY MANAGERS WEATHER INFORMATION NETWORK /EMWIN/
SUBSCRIBERS
NOAAPORT SUBSCRIBERS
OTHER NWS CUSTOMERS...PARTNERS AND EMPLOYEES

FROM: THOMAS GRAZIANO
ACTING CHIEF...HYDROLOGIC SERVICES DIVISION

SUBJECT: CORRECTED: EXPERIMENTAL ENHANCEMENT OF GRIDDED EXCESSIVE
PRECIPITATION FORECAST PRODUCT TO INCLUDE GRIDDED DAY 2 AND DAY 3
FORECASTS: COMMENTS SOLICITED BY NOVEMBER 15 2007

CORRECTED WORLD METEOROLOGICAL ORGANIZATION HEADER FOR DAY 1 GRIDDED
EXCESSIVE PRECIPITATION FORECAST TO: MENC98 KWNH.

BEGINNING ON JUNE 5 2007 AT 1200 COORDINATED UNIVERSAL TIME /UTC/...ON AN
EXPERIMENTAL BASIS...THE NWS HYDROMETEOROLOGICAL PREDICTION CENTER /HPC/
WILL BEGIN INCLUDING DAY 2 AND DAY 3 FORECASTS WITH THE CURRENT DAY 1
GRIDDED EXCESSIVE PRECIPITATION FORECAST PRODUCT AND WILL PROVIDE DRILL
DOWN CAPABILITIES ON THE INTERNET GRAPHICS.

THE CURRENT DAY 1 GRIDDED EXCESSIVE PRECIPITATION FORECAST USES WORLD
METEOROLOGICAL ORGANIZATION /WMO/ HEADER...MENC98 KWNH AND ADVANCED
WEATHER INTERACTIVE PROCESSING SYSTEM /AWIPS/ IDENTIFIER RBG94E AND IS
PROVIDED ONLINE AT /USE LOWER CASE/:

[HTTP://WWW.HPC.NCEP.NOAA.GOV/QPF/EXCESS_RAIN.SHTML](http://www.hpc.ncep.noaa.gov/qpf/excess_rain.shtml)

THE EXCESSIVE PRECIPITATION FORECAST GRAPHIC FOR DAY 1 DISPLAYS AREAS
WHERE THE PROBABILITY OF PRECIPITATION EXCEEDING FLASH FLOOD GUIDANCE
ISSUED BY THE RIVER FORECAST CENTERS /RFCS/ IS:

-SLIGHT /SLGT/: DEFINED AS THREAT IN THE RANGE FIVE PERCENT TO LESS THAN
10 PERCENT.
-MODERATE /MDT/: DEFINED AS THREAT FROM 10 PERCENT TO LESS THAN 15
PERCENT.
-HIGH: DEFINED AS THREAT 15 PERCENT OR GREATER. AREAS WHERE THE
PRECIPITATION IS EXPECTED TO EXCEED FIVE INCHES ARE ALSO INDICATED.

THE HPC ROUTINELY DISSEMINATES A DAY 1 GRIDDED EXCESSIVE PRECIPITATION
FORECAST PRODUCT FOUR TIMES DAILY. THE VALID TIME PERIOD IS 30 HOURS FOR
THE PRIMARY ISSUANCES AT 0600 UTC AND 1800 UTC AND FOR THE REMAINDER OF
THE INITIAL PERIOD ON THE UPDATE CYCLES AT 1500 UTC AND 0300 UTC. THE
PRODUCT IS ISSUED ON AWIPS GRID 227 IN GRIDDED BINARY VERSION TWO /GRIB2/
FORMAT AT 5 KILOMETER RESOLUTION.

THE EXCESSIVE PRECIPITATION FORECAST GRAPHIC FOR DAYS 2 AND 3 DISPLAYS AREAS WHERE THE PROBABILITY OF PRECIPITATION AMOUNTS EXCEEDING THE FLASH FLOOD GUIDANCE AVAILABLE AT TIME OF PRODUCT ISSUANCE IS SLIGHT...MODERATE AND HIGH AS DEFINED ABOVE. RFCS DO NOT CURRENTLY ISSUE FLASH FLOOD GUIDANCE FOR DAYS 2 AND 3...SO AT THIS TIME...THE PRODUCT WILL BE BASED ON THE DAY 1 FLASH FLOOD GUIDANCE.

THE DAY 2 AND DAY 3 FORECASTS OF EXCESSIVE PRECIPITATION WILL BE DISSEMINATED TWO TIMES A DAY. THE VALID TIME PERIOD FOR THE DAY 2 AND DAY 3 PRODUCTS WILL BE 1200 UTC TO 1200 UTC FOR THE 0600 UTC ISSUANCE AND 00 UTC TO 00 UTC FOR THE 1800 UTC ISSUANCE. FOR THE DAY 2 PRODUCT...THE WMO HEADER WILL BE MENS98 KWNH. FOR THE DAY 3 PRODUCT...THE WMO HEADER IS MENU98 KWNH.

THE DAY 2 AND DAY 3 EXCESSIVE PRECIPITATION FORECAST GRAPHICS WILL BE AVAILABLE ONLINE AT /USE LOWER CASE/:

[HTTP://WWW.HPC.NCEP.NOAA.GOV/QPF/EXCESS_RAIN.SHTML](http://www.hpc.ncep.noaa.gov/qpf/excess_rain.shtml)

THE INTERNET GRAPHICS WILL PROVIDE DRILL DOWN CAPABILITIES AND LINKS TO LOCAL WATCHES AND WARNINGS.

USERS ARE ENCOURAGED TO PROVIDE FEEDBACK ON THESE EXPERIMENTAL PRODUCTS BY NOVEMBER 15 2007 USING THE BRIEF SURVEY AND COMMENT FORM AVAILABLE ONLINE AT THE HPC EXCESSIVE PRECIPITATION WEB PAGE OR AT /USE LOWER CASE/:

[HTTP://WWW.WEATHER.GOV/SURVEY/NWS-SURVEY.PHP?CODE=D2D3EPF](http://www.weather.gov/survey/nws-survey.php?code=D2D3EPF)

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

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NATIONAL PUBLIC INFORMATION STATEMENTS ARE ONLINE AT /USE LOWER CASE/:

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

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