

NOUS41 KWBC 021840
PNSWSH

SERVICE CHANGE NOTICE 04-35
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
240 PM EDT THU JUN 2 2004

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: GLENN AUSTIN
CHIEF...HYDROLOGIC SERVICES DIVISION

SUBJECT: CHANGE TO FORMAT OF EXCESSIVE PRECIPITATION GRAPHIC...EFFECTIVE
OCTOBER 5 2004

ON TUESDAY...OCTOBER 5 2004...AT 1500 COORDINATED UNIVERSAL TIME
/UTC/...THE NATIONAL WEATHER SERVICE WILL CHANGE THE FORMAT OF THE
EXCESSIVE PRECIPITATION FORECAST ISSUED BY THE HYDROMETEOROLOGICAL
PREDICTION CENTER /HPC/.

THIS PRODUCT USES WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADER...PE1745
KWBC...AND ADVANCED WEATHER INTERACTIVE PROCESSING SYSTEM /AWIPS/
IDENTIFIER RBG94E.

THE EXCESSIVE PRECIPITATION FORECAST WILL BE PROBABILISTIC IN
NATURE...SIMILAR TO THE CURRENT SEVERE CONVECTIVE STORM FORECASTS ISSUED
BY THE STORM PREDICTION CENTER /SPC/.

THE NEW GRAPHIC WILL DISPLAY AREAS WHERE THE PROBABILITY OF PRECIPITATION
EXCEEDING FLASH FLOOD GUIDANCE IS SLIGHT /SLGT/...DEFINED AS THREAT IN THE
RANGE 20 PERCENT TO LESS THAN 40 PERCENT...MODERATE /MDT/...DEFINED AS
THREAT FROM 40 PERCENT TO LESS THAN 70 PERCENT...AND HIGH...DEFINED AS
THREAT 70 PERCENT OR GREATER. THE AREAS OF THREAT WILL BE DELINEATED BY
CLOSED CONTOURS OR TO THE RIGHT OF A LINE. THE DIRECTION OF THE LINE WILL
BE INDICATED BY AN ARROWHEAD AT THE END OF THE LINE.

AREAS WHERE THE PRECIPITATION IS EXPECTED TO EXCEED 5 INCHES WILL ALSO BE
INDICATED.

THE DEFINITION OF EXCEEDING FLASH FLOOD GUIDANCE IS BROAD. FLASH FLOOD
GUIDANCE IS ISSUED BY SEVERAL RIVER FORECAST CENTERS WITH VALUES
ASSOCIATED WITH 1-HOUR...3-HOUR...6-HOUR AND IN SOME CASES...12- AND 24-
HOURS. THE HPC FORECASTER IS TASKED WITH MAKING A DETERMINATION OF THE
THREAT PRECIPITATION WILL EXCEED ANY OF THE PREDETERMINED FLASH FLOOD
GUIDANCE VALUES ASSOCIATED WITH THE SPECIFIC TIME INTERVAL IN THE VALID
TIME PERIOD OF THE FORECAST. IT IS NOT INTENDED AS A SPECIFIC FORECAST OF
FLASH FLOODING BUT RATHER AS A PROBABILISTIC INDICATOR OF RAINFALL AMOUNTS
EXCEEDING FLASH FLOOD GUIDANCE OVER AN AREA.

THE EXCESSIVE PRECIPITATION FORECAST IS ISSUED FOUR TIMES DAILY. THE VALID TIME PERIOD IS 24 HOURS FOR THE PRIMARY ISSUANCES AT 0615 UTC AND 1815 UTC...AND FOR THE REMAINDER OF THE INITIAL PERIOD ON THE UPDATE CYCLES AT 1415 UTC AND 0215 UTC.

THE ASSOCIATED TEXT PRODUCT WILL BE WRITTEN IN A MANNER CONSISTENT WITH THE GRAPHIC. THE TEXT PRODUCT IS LABELED EXCESSIVE RAINFALL DISCUSSION...WMO HEADER FOUS30 KWBC...AWIPS ID QPFERD.

THE EXCESSIVE PRECIPITATION FORECAST IS PREPARED BY THE HYDROMETEOROLOGICAL PREDICTION CENTER /HPC/ IN CAMP SPRINGS MARYLAND. THE DOMAIN OF THE PRODUCT ENCOMPASSES THE 48 CONTIGUOUS STATES /CONUS/. IN ADDITION...THE HPC DISSEMINATES THIS PRODUCT AND RELATED INFORMATION ON THE INTERNET. THE URL ADDRESS AVAILABLE OCTOBER 5 IS AS FOLLOWS /USE LOWER CASE LETTERS/:

[HTTP://WWW.HPC.NCEP.NOAA.GOV/WW.SHTML](http://www.hpc.ncep.noaa.gov/ww.shtml)

IF YOU HAVE ANY QUESTIONS ABOUT THE HPC EXCESSIVE PRECIPITATION PRODUCT SUITE...PLEASE CONTACT:

KEVIN MCCARTHY
DEPUTY DIRECTOR...NCEP/HPC
CAMP SPRINGS MARYLAND
PHONE: 301-763-8000 X 7304
EMAIL: KEVIN.MCCARTHY@NOAA.GOV

-OR-

ROBERT KELLY
CHIEF NCEP/HPC FORECAST OPERATIONS BRANCH
CAMP SPRINGS MARYLAND
PHONE: 301-763-8000 X 7306
EMAIL: ROBERT.KELLY@NOAA.GOV

NATIONAL SERVICE CHANGE NOTICES ARE ONLINE AT /USE LOWER CASE/:

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

\$\$
NNNN