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TECHNICAL IMPLEMENTATION NOTICE 06-46
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1258 PM EDT FRI JUN 30 2006

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

FROM: THOMAS GRAZIANO
ACTING CHIEF...HYDROLOGIC SERVICES DIVISION
OFFICE OF CLIMATE WATER AND WEATHER SERVICES

SUBJECT: ADDITION OF THE HYDROMETEOROLOGICAL PREDICTION CENTER
QUANTITATIVE PRECIPITATION FORECAST 5 KM PRODUCT:
EFFECTIVE OCTOBER 31 2006

EFFECTIVE TUESDAY OCTOBER 31 2006 AT 1500 UNIVERSAL COORDINATED
TIME /UTC/...THE NATIONAL CENTERS FOR ENVIRONMENTAL PREDICTION
/NCEP/ HYDROMETEOROLOGICAL PREDICTION CENTER /HPC/ WILL BEGIN
DISSEMINATING GRIDDED QUANTITATIVE PRECIPITATION FORECAST /QPF/
AT A 5 KILOMETER /KM/ SPATIAL RESOLUTION THROUGH 5 DAYS.

HPC WILL GENERATE A TOTAL OF 15 QPF PRODUCTS...MOST OF WHICH
WILL BE DISSEMINATED FOUR TIMES A DAY: 13 OF THE 15 PRODUCTS
REPRESENT 6 HOURLY PRECIPITATION AMOUNTS OUT TO 3 DAYS. HPC WILL
CONTINUE TO ISSUE THE 48-HOUR CUMULATIVE /DAYS 4-5/ QPF AND A
5-DAY TOTAL QPF TWICE DAILY.

THE ISSUANCE TIMES FOR ALL SCHEDULED HPC GRIDDED QPF PRODUCTS
ARE AS FOLLOWS:

1015 UTC AND 2215 UTC /DAYS 1 THROUGH 3/
0600 UTC AND 1800 UTC /PRELIMINARY ISSUANCES - DAYS 1 THROUGH 3/
BETWEEN 11-12 UTC AND 17-18 UTC /DAYS 4 AND 5/
BETWEEN 11-12 UTC AND 23-00 UTC /5-DAY TOTAL/

THE HPC UPGRADE TO 5 KM RESOLUTION FOR QPF WILL ONLY AFFECT THE
COTERMINOUS U.S. /CONUS/. THIS CHANGE ALSO AFFECTS USERS WHO
WILL PULL THIS PRODUCT IN GRIDDED BINARY /GRIB2/ FORMAT FROM THE
AWIPS NOAAPORT SYSTEM.

THE HPC HAS DELIVERED GRIDDED QPF IN GRIB1 FORMAT /OUT TO 72
HOURS/. THIS IS EXPECTED TO CONTINUE UNTIL THE GRIB2 QPF
PRODUCTS ARE FULLY IMPLEMENTED. ONCE THIS OCCURS THE GRIB1
FORMAT WILL BE PHASED OUT.

USERS CAN STILL RETRIEVE QPF PRODUCTS IN GRAPHICAL AND TEXT
FORMAT VIA THE HPC WEBSITE. THE URL IS /USE LOWER CASE LETTERS/:

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

IF YOU HAVE QUESTIONS REGARDING THIS NOTICE...PLEASE CONTACT:

KEVIN LYNOTT
NWS OFFICE OF CLIMATE WATER AND WEATHER SERVICES
HYDROLOGIC SERVICES DIVISION
SILVER SPRING MARYLAND
PHONE: 301-713-0006 EXT. 151
E-MAIL: KEVIN.LYNOTT@NOAA.GOV

IF YOU HAVE TECHNICAL QPF QUESTIONS ...PLEASE CONTACT:

ED DANAHER
NCEP/HPC FORECAST OPERATIONS BRANCH
CAMP SPRINGS MARYLAND
PHONE: 301-763-8000 EXT. 7354
E-MAIL: EDWIN.DANAHER@NOAA.GOV

ADDITIONAL INFORMATION ON THIS CHANGE WILL BE POSTED BY OCTOBER 31
2006.

THIS AND ALL OTHER NWS TECHNICAL IMPLEMENTATION NOTICES ARE POSTED
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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