

NOUS41 KWBC 301658
PNSWSH

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 /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
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 COORDINATED UNIVERSAL TIME
/UTC/...THE NATIONAL CENTERS FOR ENVIRONMENTAL PREDICTION /NCEP/
HYDROMETEOROLOGICAL PREDICTION CENTER /HPC/ WILL BEGIN DISSEMINATING
GRIDDED QUANTITATIVE PRECIPITATION FORECAST /QPF/ AT A FIVE KILOMETER /KM/
SPATIAL RESOLUTION THROUGH FIVE 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 THREE 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 FIVE 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 ADVANCED WEATHER
INTERACTIVE PROCESSING SYSTEM /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/:

[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
EMAIL: 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
EMAIL: EDWIN.DANAHER@NOAA.GOV

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

NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:

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

\$\$
NNNN