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PUBLIC INFORMATION STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 99-17  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
315 PM EDT THU OCT 21 1999

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS  
NOAA WEATHER WIRE SERVICE /NWS/ CUSTOMERS  
OTHER NWS CUSTOMERS...PARTNERS AND EMPLOYEES

FROM: THERESE PIERCE  
CHIEF...HYDROMETEOROLOGICAL SERVICES

SUBJECT: ENHANCED HPC QPF PRODUCTS...EFFECTIVE DECEMBER 6 1999

THE HYDROMETEOROLOGICAL PREDICTION CENTER /HPC/...PART OF THE NATIONAL WEATHER SERVICE /NWS/ NATIONAL CENTERS FOR ENVIRONMENTAL PREDICTION /NCEP/...WILL EXPAND AND ENHANCE ITS QUANTITATIVE PRECIPITATION FORECAST /QPF/ PRODUCT SUITE EFFECTIVE WITH THE 1200 COORDINATED UNIVERSAL TIME /UTC/ CYCLE ON DECEMBER 6 1999. THE HPC WILL ISSUE TWICE DAILY 6- AND 24-HOUR QPF PRODUCTS. THESE ENHANCEMENTS ARE DRIVEN BY REQUIREMENTS FROM OUR DIVERSE USER COMMUNITY.

THE ENHANCED AND EXPANDED 24-HOUR QPF PRODUCT SUITE WILL INCLUDE...FOR THE 1200-1200 UTC FORECAST CYCLE...A PRELIMINARY DAY ONE QPF /94Q/ ISSUED AT 0615 UTC...A PRELIMINARY DAY TWO QPF /98Q/ ISSUED AT 0700 UTC AND A FINAL DAY ONE /94Q/...DAY TWO /98Q/ AND DAY THREE /99Q/ QPFS. A DATA REVIEW GROUP /DRG/ REQUEST FOR THIS NEW PRODUCT HAS BEEN SUBMITTED...TO BE ISSUED AT 1015 UTC. FOR THE 0000-0000 UTC FORECAST CYCLE...HPC WILL ADDITIONALLY ISSUE A PRELIMINARY DAY ONE QPF /94Q/ ISSUED AT 1815 UTC...A PRELIMINARY DAY TWO ISSUED AT 1900 UTC AND A FINAL DAY ONE...DAY TWO AND DAY THREE QPFS ISSUED AT 2215 UTC USING THE SAME PRODUCT IDENTIFIERS.

FOR THE 1200-1200 UTC FORECAST CYCLE, 6-HOUR QPFS /92E...93E...9EE AND 9FE/ WILL BE ISSUED AT 1015 UTC. FOR THE 0000-0000 UTC FORECAST CYCLE...THESE 6-HOUR QPFS WILL ALSO BE ISSUED AT 2215 UTC. AN INTERMEDIATE 0-6 HOUR /91E/ QPF WILL BE ISSUED AT 0600 AND 1800 UTC. THE TABLE BELOW SHOWS THE SPECIFIC TIME PERIODS COVERED BY EACH OF THESE 6-HOUR PRODUCTS:

PRODUCT	1200 UTC CYCLE	0000 UTC CYCLE
92E	1200 - 1800 UTC	0000 - 0600 UTC
93E	1800 - 0000 UTC	0600 - 1200 UTC
9EE	0000 - 0600 UTC	1200 - 1800 UTC
9FE	0600 - 1200 UTC	1800 - 0000 UTC

IN ADDITION TO THESE CHANGES...THE GRAPHICAL PRODUCT FORMAT WILL BE ENHANCED. ISOHYETAL ANALYSES WILL NOW START AT ONE ONE-HUNDREDTH INCHES /MEASURABLE PRECIPITATION/ INSTEAD OF ONE-QUARTER INCH. THIS ADDITIONAL INFORMATION WILL ALSO APPEAR IN THE CODED MESSAGE APPENDED TO THE NMCQFPFD DISCUSSION. THOSE USING THIS MESSAGE IN AN AUTOMATED FASHION MUST BE AWARE OF THIS CHANGE.

QUESTIONS CONCERNING THESE MODIFICATIONS SHOULD BE ADDRESSED TO:

MR. DAVID REYNOLDS  
CHIEF...HPC FORECAST OPERATIONS BRANCH  
301-763-8000 EXTENSION 7317  
E-MAIL: [DREYNOLDS@NCEP.NOAA.GOV](mailto:DREYNOLDS@NCEP.NOAA.GOV)

OR

MR. KEVIN MCCARTHY  
HPC DEPUTY DIRECTOR  
301-763-8000 EXTENSION 7304  
E-MAIL: [KMCCARTHY@NCEP.NOAA.GOV](mailto:KMCCARTHY@NCEP.NOAA.GOV)

ADDITIONAL INFORMATION...INCLUDING A DETAILED PRODUCT SCHEDULE AND  
EXAMPLES OF PRODUCT FORMATS CAN BE FOUND AT /USE LOWER CASE/:

[HTTP://WWW.HPC.NCEP.NOAA.GOV/QPF.HTML](http://WWW.HPC.NCEP.NOAA.GOV/QPF.HTML)

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

[HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE](https://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE)

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