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PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 06-24...AMENDED
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
955 AM EST MON FEB 5 2007

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:   PAUL HIRSCHBERG
        CHIEF...SCIENCE PLANS BRANCH
        OFFICE OF SCIENCE AND TECHNOLOGY /OST/

SUBJECT:  AMENDED: ADDITION OF REAL TIME MESOSCALE ANALYSIS
        GRIDS: EFFECTIVE FEBRUARY 20 2007

REFER TO: TECHNICAL IMPLEMENTATION NOTICE /TIN/ 06-24
        TRANSMITTED ON MAY 2 2006 AND AMENDED TIN 06-24
        TRANSMITTED ON AUGUST 21 2006

AMENDED TO CHANGE EFFECTIVE DATE FROM OCTOBER 17 2006 TO FEBRUARY
20 2007 FOR THE GOES EFFECTIVE CLOUD AMOUNT /ECA/ PRODUCT.

TEXT OF THE PREVIOUS AMENDED NOTICE /CONCERNING ONLY THE RTMA
GOES EFFECTIVE CLOUD AMOUNT PRODUCT/...WITH REVISED DATES...IS
GIVEN BELOW:

EFFECTIVE ON TUESDAY FEBRUARY 20 2007...BEGINNING AT 1500
COORDINATED UNIVERSAL TIME /UTC/...NESDIS-PRODUCED RTMA GOES
EFFECTIVE CLOUD AMOUNT PRODUCTS WILL BEGIN DISSEMINATION VIA
NOAAPORT AND THE NATIONAL DIGITAL GUIDANCE DATABASE /NDGD/.
UNCERTAINTY GRIDS WILL NOT BE PROVIDED FOR THIS RTMA PRODUCT.

AS THE NAME SUGGESTS THE RTMA GRIDS ARE INTENDED FOR DISTRIBUTION
IN NEAR REAL TIME. THUS NCEP AND NESDIS EXPLOIT ALL READILY
AVAILABLE SATELLITE...RADAR...RAIN GAGE...ASOS... MESONET...AND
OTHER SENSOR DATA IN THE GENERATION OF THESE GRIDS. THE SENSOR
DATA ARE INTERPOLATED TO A 5 KM RESOLUTION CONUS GRID AND ENCODED
IN GRIB2.

NESDIS WILL GENERATE THE ECA PRODUCT EACH HOUR.  EACH HOURLY GRID
SET WILL HAVE A VALID TIME CORRESPONDING TO AN EVEN HOUR /I.E.
0000...0100...0200...THRU 2300/.  ALL RTMA GRIDS WILL BE
DISSEMINATED VIA NOAAPORT AND AVAILABLE ON NDGD AT APPROXIMATELY
45 MINUTES AFTER THE VALID TIME HOUR.

THE HOURLY DATA VOLUME FOR THIS PRODUCT WILL BE APPROXIMATELY 5
MEGABYTES /MB/.

THE GRID LISTED IN TABLE 1 WILL BE CARRIED ON NOAAPORT AND NDGD.

TABLE 1: NOAAPORT AND NDGD RTMA GRIDS

WMO HEADING     RTMA PARAMETERS

LAMA98 KNES     GOES EFFECTIVE CLOUD AMOUNT /NO UNCERTAINTY GRID/

ADDITIONAL ECA INFORMATION IS AVAILABLE ONLINE AT /USE LOWER CASE
LETTERS EXCEPT FOR /PDD/RTMAPDD1/:

HTTP://PRODUCTS.WEATHER.GOV/PDD/RTMAPDD1.PDF

NCEP AND NESDIS WILL CONTINUE TO DEVELOP AND REFINE THE RTMA
PRODUCTS.  USERS ARE ENCOURAGED TO PROVIDE FEEDBACK ON THE
EXPERIMENTAL RTMA PRODUCTS USING THE BRIEF SURVEY AND COMMENT
FORM AVAILABLE ONLINE AT /USE LOWER CASE LETTERS/:

HTTP://WWW.WEATHER.GOV/SURVEY/NWS-SURVEY.PHP?CODE=RTMA

THE NDGD GRIDS WILL BE AVAILABLE IN NDGD ON THE NWS FTP SERVER
IN SUBDIRECTORIES OF /USE LOWER CASE LETTERS EXCEPT FOR
SL...ST...DF... DC...GT...AND AR/:

FTP://TGFTP.NWS.NOAA.GOV/SL.US008001/ST.EXPR/DF.GR2/DC.NDGD/GT.RT
MA/AR.CONUS

THE EFFECTIVE DATE OF THIS CHANGE IS SOONER THAN SPECIFIED BY NWS
POLICY. THE SHORTER ADVANCE LEAD TIME WAS CAUSED BY THE NECESSITY
TO CONDUCT DEVELOPMENT TESTING AND EVALUATION FOR PRODUCT
IMPROVEMENTS TO BETTER SERVE THE USERS. THE SHORTER LEAD TIME WAS
APPROVED BECAUSE IT IS EXPECTED THAT USERS WILL NOT HAVE TO MAKE
MAJOR ADJUSTMENTS TO ACCOMMODATE THESE CHANGES.

IF YOU HAVE ANY QUESTIONS CONCERNING THE ECA PRODUCT OR OTHER
RTMA PRODUCTS...THEN PLEASE CONTACT:

FOR THE ECA PRODUCT:

    JOHN PAQUETTE
    NESDIS
    CAMP SPRINGS MD
    PHONE:  301-763-8051 EXT. 110
    EMAIL: JOHN.PAQUETTE@NOAA.GOV

      OR

    CURTIS HOLLAND
    NESDIS
    CAMP SPRINGS MD
    PHONE:  301-763-8142 EXT. 133
    EMAIL: CURTIS.HOLLAND@NOAA.GOV

FOR THE OTHER RTMA PRODUCTS:

GEOFFREY MANIKEN
NCEP
CAMP SPRINGS MD
PHONE:  301-763-8000 EXT. 7263
EMAIL: GEOFFREY.MANIKEN@NOAA.GOV

   OR

MANUEL PONDECA
NCEP
CAMP SPRINGS MD
PHONE:  301-763-8000 EXT. 7734
EMAIL: MANUEL.PONDECA@NOAA.GOV

THIS AND OTHER NWS TECHNICAL IMPLEMENTATION NOTICES ARE AVAILABLE
ONLINE AT /USE LOWER CASE LETTERS/:

   HTTP://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM

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