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PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 05-55
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1040 AM EDT FRI JUL 15 2005

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

FROM: GLENN AUSTIN
           NWS DIGITAL SERVICES NATIONAL PROGRAM MANAGER
           OFFICE OF CLIMATE...WATER AND WEATHER SERVICES

SUBJECT: NATIONAL WEATHER SERVICE NATIONAL DIGITAL FORECAST DATABASE
/NDFD/ OPERATIONAL READINESS STATUS MESSAGE: NEXT IMPLEMENTATION SCHEDULED
SEPTEMBER 14 2005

REFER TO: TECHNICAL IMPLEMENTATION NOTICE /TIN/ 05-24 CORRECTED SENT MARCH
16 2005...MOST RECENT NDFD OPERATIONAL READINESS STATUS MESSAGE.

THIS IS THE LATEST QUARTERLY MESSAGES ON THE STATUS OF NDFD ELEMENTS PER
TIN05-24.

ON SEPTEMBER 14 2005 /SEPTEMBER 15 IN GUAM STANDARD TIME/...THE FOLLOWING
SIX GRIDDED ELEMENTS FOR GUAM WILL BE UPGRADED FROM EXPERIMENTAL TO
OPERATIONAL STATUS:

MAXIMUM TEMPERATURE
TEMPERATURE
MINIMUM TEMPERATURE
DEWPOINT
12-HOUR PROBABILITY OF PRECIPITATION
WEATHER

THESE SIX ELEMENTS ARE ALREADY OPERATIONAL FOR THE LOWER 48 STATES
/CONUS/...PUERTO RICO AND HAWAII.

MORE SPECIFIC IMPLEMENTATION INFORMATION REGARDING THESE TWO
CHANGES...SUCH AS FILE TRANSFER PROTOCOL /FTP/ FILE SERVER DIRECTORY
CHANGES...WILL BE ISSUED IN A FUTURE TIN AT LEAST 30 DAYS BEFORE THE
EFFECTIVE DATE OF THIS IMPLEMENTATION.

FORECAST ELEMENTS REMAINING IN EXPERIMENTAL STATUS FOR THE LOWER 48
STATES...PUERTO RICO...HAWAII AND GUAM INCLUDE:

SKY COVER
WIND DIRECTION
WIND SPEED
QUANTITATIVE PRECIPITATION FORECAST /QPF/ /NOT AVAILABLE FOR HAWAII OR

GUAM/
SIGNIFICANT WAVE HEIGHT
SNOW AMOUNT /NOT AVAILABLE FOR PUERTO RICO OR GUAM/
APPARENT TEMPERATURE
RELATIVE HUMIDITY

THESE ELEMENTS WILL REMAIN IN EXPERIMENTAL STATUS UNTIL SOFTWARE UPGRADES
AND ADDITIONAL QUALITY IMPROVEMENTS ARE COMPLETE.

COMMENTS AND FEEDBACK ON THE FOLLOWING ELEMENTS WILL BE ACCEPTED UNTIL
SEPTEMBER 15 2005:

QUANTITATIVE PRECIPITATION FORECASTS
SIGNIFICANT WAVE HEIGHT
SKY COVER
SNOW AMOUNT
WIND DIRECTION
WIND SPEED

COMMENTS AND FEEDBACK ON THE FOLLOWING ELEMENTS WILL BE ACCPETED UNTIL
DECEMBER 15 2005:

APPARENT TEMPERATURE
RELATIVE HUMIDITY

COMMENTS MAY BE SUBMITTED BY CLICKING ON THE /FEEDBACK SURVEY/ LINK ON THE
NDFD WEBPAGE AT /USE LOWER CASE LETTERS/:

HTTP://WWW.WEATHER.GOV/NDFD

NWS WILL CONTINUE TO ASSESS THE OPERATIONAL READINESS OF THE REMAINING
EXPERIMENTAL ELEMENTS DURING THE NEXT THREE MONTHS. NWS WILL PROVIDE THE
NEXT QUARTERLY OPERATIONAL READINESS STATUS MESSAGE IN A TIN NO LATER THAN
OCTOBER 15 2005. USERS WILL RECEIVE A MINIMUM OF 30 DAYS' NOTICE OF A
DECISION TO DECLARE ADDITIONAL NDFD ELEMENTS OPERATIONAL OR TO ADD MORE
EXPERIMENTAL ELEMENTS.

RELATED NDFD WEBSITES /USE LOWER CASE FOR THESE URLS/:

STATUS /EXPERIMENTAL OR OPERATIONAL/ OF NDFD ELEMENTS:
HTTP://WWW.WEATHER.GOV/NDFD/RESOURCES/OPER_STATUS_TABLE.PDF

NDFD VERIFICATION INFORMATION:
HTTP://WWW.NWS.NOAA.GOV/NDFD/VERIFICATION/

CONTENT OF THE NDFD GRIDDED DATA FILES AND INSTRUCTIONS FOR ACCESSING THE
OPERATIONAL AND EXPERIMENTAL GRID ELEMENTS IN EITHER GRIDDED BINARY
/GRIB2/ FORMAT OR EXTENSIBLE MARKUP LANGUAGE /XML/:

HTTP://WWW.NWS.NOAA.GOV/NDFD/TECHNICAL.HTM
HTTP://WWW.WEATHER.GOV/XML/

NDFD GRAPHICS:
HTTP://WWW.WEATHER.GOV/FORECASTS/GRAPHICAL/SECTORS/INDEX.PHP

PRODUCT DESCRIPTION DOCUMENTS /PDDS/ FOR THE NDFD GRIDDED DATA AND
GRAPHICS:

HTTP://PRODUCTS.WEATHER.GOV/VIEWLISTE.PHP

FOR GENERAL QUESTIONS REGARDING THE NDFD...PLEASE EMAIL:

NWS.NDFD@NOAA.GOV

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

CHRIS ALEX
DIGITAL SERVICES
NATIONAL WEATHER SERVICE
OFFICE OF CLIMATE...WATER AND WEATHER SERVICES
SILVER SPRING MARYLAND
EMAIL: CHRISTINE.ALEX@NOAA.GOV

IF YOU HAVE TECHNICAL QUESTIONS REGARDING THE NDFD DATA...PLEASE CONTACT:

DAVID RUTH
CHIEF...MESOSCALE PREDICTION BRANCH
NATIONAL WEATHER SERVICE
OFFICE OF SCIENCE AND TECHNOLOGY
SILVER SPRING MARYLAND
EMAIL: DAVID.RUTH@NOAA.GOV

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

HTTPS://WWW.WEATHER.GOV/NOTIFICATIONS/ARCHIVE

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