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PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 05-24  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
245 PM EST TUE MAR 15 2005

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...AND NWS  
EMPLOYEES

FROM: GLENN AUSTIN  
ACTING CHIEF...DIGITAL SERVICES  
OFFICE OF CLIMATE WATER AND WEATHER SERVICES

SUBJECT: NWS NATIONAL DIGITAL FORECAST DATABASE /NDFD/  
OPERATIONAL READINESS STATUS MESSAGE:  
NEXT IMPLEMENTATION SCHEDULED FOR JUNE 15 2005

REFER TO: TECHNICAL IMPLEMENTATION NOTICE /TIN/ 05-12 SENT  
FEBRUARY 15 2005...MOST RECENT TIN RELATED TO NDFD  
AND TIN 04-65 SENT DECEMBER 15 2004

THIS IS THE LATEST IN A SERIES OF MESSAGES TO UPDATE YOU ON THE  
STATUS OF NDFD ELEMENTS...AS PROMISED IN TIN 04-65.

AS OF THIS MORNING...SIX GRIDDED ELEMENTS ARE OPERATIONAL FOR THE  
LOWER 48 STATES:

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

THESE SAME SIX FORECAST ELEMENTS WILL BECOME OPERATIONAL FOR  
HAWAII AND PUERTO RICO EFFECTIVE JUNE 15 2005.

ALSO EFFECTIVE JUNE 15 2005...IN RESPONSE TO CUSTOMER INPUT...NWS  
WILL ADD TWO NEW EXPERIMENTAL GRIDDED FORECAST ELEMENTS FOR THE  
LOWER 48 STATES...PUERTO RICO...HAWAII...AND GUAM:

RELATIVE HUMIDITY  
APPARENT TEMPERATURE

THESE NEW EXPERIMENTAL ELEMENTS WILL BE DERIVED FROM THE  
EXPERIMENTAL TEMPERATURE... DEWPOINT AND WIND GRIDDED FORECASTS.

MORE SPECIFIC IMPLEMENTATION INFORMATION REGARDING THESE TWO

CHANGES...SUCH AS FTP FILE SERVER DIRECTORY CHANGES...WILL BE ISSUED IN A TIN A MINIMUM OF 30 DAYS BEFORE THE EFFECTIVE DATE /JUNE 15 2005/.

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

SKY COVER  
WIND DIRECTION  
QUANTITATIVE PRECIPITATION FORECAST (QPF)  
WIND SPEED  
SIGNIFICANT WAVE HEIGHT  
SNOW AMOUNT

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

WE WILL CONTINUE TO ASSESS THE OPERATIONAL READINESS OF THE REMAINING EXPERIMENTAL ELEMENTS OVER THE NEXT THREE MONTHS. WE WILL PROVIDE THE NEXT OPERATIONAL READINESS STATUS MESSAGE AS A TECHNICAL IMPLEMENTATION NOTICE NO LATER THAN JUNE 15 2005. USERS WILL BE GIVEN A MINIMUM OF 30 DAYS ADVANCE NOTICE OF OUR DECISION TO DECLARE ANY ADDITIONAL NDFD ELEMENTS OPERATIONAL OR TO ADD ANY MORE EXPERIMENTAL ELEMENTS.

RELATED NDFD WEB SITES /USE LOWER CASE LETTERS FOR THESE URLS/:

STATUS /EXPERIMENTAL OR OPERATIONAL/ OF NDFD ELEMENTS:

[HTTP://WWW.WEATHER.GOV/NDFD/DEVELOPMENT.HTM](http://www.weather.gov/ndfd/development.htm)

NDFD VERIFICATION INFORMATION:

[HTTP://WWW.NWS.NOAA.GOV/NDFD/VERIFICATION/](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.nws.noaa.gov/ndfd/technical.htm)

NDFD GRAPHICS:

[http://www.weather.gov/FORECASTS/GRAPHICAL/SECTORS/INDEX.PHP](http://www.weather.gov/forecasts/graphical/sectors/index.php)

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

[HTTP://PRODUCTS.WEATHER.GOV/VIEWLISTE.PHP](http://products.weather.gov/viewliste.php)

GO TO PAGE 5 FOR ONE PDD DESCRIBING THE EXPERIMENTAL NDFD GRIDDED DATA AND A SECOND PDD DESCRIBING THE EXPERIMENTAL NDFD GRAPHICS DATA

USERS OF THE EXPERIMENTAL GRID PRODUCTS ARE ASKED TO PROVIDE FEEDBACK ON WHICH ELEMENTS ARE MOST NEEDED AND WHICH APPEAR READY TO BE DESIGNATED OPERATIONAL. A BRIEF SURVEY AND COMMENT FORM IS AVAILABLE AT /USE LOWER CASE LETTERS/:

<http://www.weather.gov/SURVEY/NWS-SURVEY.PHP?CODE=NDFD-GRIDS>

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

CHRIS ALEX  
DIGITAL SERVICES  
OFFICE OF CLIMATE WATER AND WEATHER SERVICES  
NWS HEADQUARTERS  
EMAIL: CHRISTINE.ALEX@NOAA.GOV

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

DAVID RUTH  
CHIEF...MESOSCALE PREDICTION BRANCH  
OFFICE OF SCIENCE AND TECHNOLOGY  
NWS HEADQUARTERS  
EMAIL: DAVID.RUTH@NOAA.GOV

THIS INFORMATION WILL ALSO BE POSTED ON THE NWS DATA MANAGEMENT CHANGE NOTICES WEB PAGE AT /USE LOWER CASE LETTERS/:

<HTTP://WWW.NWS.NOAA.GOV/DATAMGMT/NOTICES.SHTML>

THIS AND ALL OTHER NWS TECHNICAL IMPLEMENTATION NOTICES ARE POSTED AT /USE LOWER CASE LETTERS/:

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

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