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TECHNICAL IMPLEMENTATION NOTICE 05-24...CORRECTED
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
230 PM EST WED MAR 16 2005

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS...NOAA
WEATHER WIRE SERVICE /NWS/ 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: CORRECTED: NATIONAL WEATHER SERVICE 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

CORRECTED WORDING IN 6TH PARAGRAPH REGARDING DERIVATION OF
RELATIVE HUMIDITY AND APPARENT TEMPERATURE...AND ONE MORE LINK
ADDED FOR XML ACCESS /4TH LINK UNDER "RELATED NDFD WEB SITES"/.

THIS IS THE LATEST IN A SERIES OF MESSAGES TO UPDATE YOU ON THE
STATUS OF THE NATIONAL DIGITAL FORECAST DATABASE /NDFD/
ELEMENTS...AS PROMISED IN TECHNICAL IMPLEMENTATION NOTICE /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

NOAA'S NATIONAL WEATHER SERVICE IS PLEASED TO ANNOUNCE 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...WE
WILL ADD TWO NEW EXPERIMENTAL GRIDDED FORECAST ELEMENTS FOR THE
LOWER 48 STATES...PUERTO RICO...HAWAII...AND GUAM:

RELATIVE HUMIDITY

APPARENT TEMPERATURE

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

MORE SPECIFIC IMPLEMENTATION INFORMATION WITH REGARD TO THESE TWO CHANGES...SUCH AS FTP FILE SERVER DIRECTORY CHANGES...WILL BE ISSUED IN A FUTURE 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 WIND SPEED
FORECAST (QPF) SIGNIFICANT WAVE HEIGHT
SNOW AMOUNT

THESE ELEMENTS WILL REMAIN IN EXPERIMENTAL STATUS 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/:

NOTE: SECOND LINK BELOW IS NEW IN THIS CORRECTED VERSION OF TIN 05-24

[HTTP://WWW.NWS.NOAA.GOV/NDFD/TECHNICAL.HTM](http://www.nws.noaa.gov/ndfd/technical.htm)
<http://www.weather.gov/XML/>

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](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](http://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM)

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