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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 NWS CUSTOMERS...PARTNERS AND 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 EXTENSIBLE
MARKUP LANGUAGE /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
[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 FILE TRANSFER PROTOCOL /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 /CONUS/...PUERTO RICO...HAWAII AND GUAM INCLUDE:

SKY COVER
WIND DIRECTION
QUANTITATIVE PRECIPITATION /QPF/
WIND SPEED
FORECAST 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 TIN 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 WEBSITES /USE LOWER CASE 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 /USE LOWER CASE/:

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

[HTTP://WWW.WEATHER.GOV/XML/](http://www.weather.gov/xml/)

NDFD GRAPHICS /USE LOWER CASE/:

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

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

[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/:

[HTTP://WWW.WEATHER.GOV/SURVEY/NWS-SURVEY.PHP?CODE=NDFD-GRIDS](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 WEBPAGE AT /USE LOWER CASE/:

[HTTP://WWW.NWS.NOAA.GOV/DATAMGMT/NOTICES.SHTML](http://www.nws.noaa.gov/datamgmt/notices.shtml)

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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