

NOUS41 KWBC 161930 CCA  
PNSWSH

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)

\$\$  
NNNN