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PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 05-37...AMENDED
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
310 PM EDT WED JUN 22 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
NATIONAL DIGITAL SERVICES PROGRAM MANAGER
OFFICE OF CLIMATE WATER AND WEATHER SERVICES

SUBJECT: AMENDED: NATIONAL DIGITAL FORECAST DATABASE /NDFD/
IMPROVEMENTS FOR THE CONTIGUOUS UNITED STATES...
PUERTO RICO AND THE VIRGIN ISLANDS... AND HAWAII:
EFFECTIVE JUNE 15 2005 AT 1400 UTC

REFER TO: TECHNICAL IMPLEMENTATION NOTICE /TIN/ 05-24 CORRECTED
SENT MARCH 16 2005...MOST RECENT TIN RELATED TO NDFD
AND THE ORIGINAL TIN 05-37 SENT MAY 13 2005

AMENDED TO PROVIDE AN UPDATE ON THIS IMPLEMENTATION

THE FOLLOWING TWO CHANGES TO THE NATIONAL DIGITAL FORECAST DATABASE
/NDFD/ WERE SCHEDULED TO BE IMPLEMENTED ON JUNE 15 2005 AT 1400 UTC:

1/ THE SIX EXPERIMENTAL NDFD ELEMENTS LISTED BELOW WERE
SCHEDULED TO BE UPGRADED TO OPERATIONAL STATUS FOR PUERTO
RICO/THE VIRGIN ISLANDS AND HAWAII:

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

2/ TWO NEW EXPERIMENTAL NDFD ELEMENTS /APPARENT TEMPERATURE
AND RELATIVE HUMIDITY/ WERE SCHEDULED TO BE ADDED FOR THE LOWER
48 STATES...PUERTO RICO/THE VIRGIN ISLANDS...HAWAII...AND GUAM

THE NWS EXPERIENCED PROBLEMS IMPLEMENTING THESE CHANGES ON THE
SCHEDULED IMPLEMENTATION DATE. WE APOLOGIZE FOR THE INCONVENIENCE
CAUSED BY THE DELAY.

STATUS OF THE IMPLEMENTATION AT THE TIME OF THIS MESSAGE:

CHANGE NUMBER 1 ABOVE HAS BEEN SUCCESSFULLY IMPLEMENTED. THE SIX
NDFD ELEMENTS LISTED IN CHANGE NUMBER 1 ARE OPERATIONAL FOR PUERTO

RICO/THE VIRGIN ISLANDS AND HAWAII VIA FILE TRANSFER PROTOCOL /FTP/...
AS GRAPHICS...AND EXTENSIBLE MARKUP LANGUAGE /XML/ VIA WEB SERVICE.
DETAILS ON EACH OF THESE SERVICES ARE SHOWN NEAR THE END OF THIS
MESSAGE.

CHANGE NUMBER 2 ABOVE HAS BEEN PARTIALLY IMPLEMENTED. APPARENT
TEMPERATURE AND RELATIVE HUMIDITY HAVE BEEN ADDED AS EXPERIMENTAL
NDFD ELEMENTS FOR THE LOWER 48 STATES ONLY...VIA FTP...AS GRAPHICS...
AND XML VIA WEB SERVICE. THERE IS ONE EXCEPTION IN THE CONTINENTAL
UNITED STATES /CONUS/: APPARENT TEMPERATURE IS NOT CURRENTLY
AVAILABLE FOR THE NORTHERN PLAINS SUBSECTOR OF THE CONUS. THE
NWS CONTINUES TO INVESTIGATE THAT PROBLEM. WE WILL ISSUE A
FOLLOW-UP TECHNICAL IMPLEMENTATION NOTICE /TIN/ ONCE THAT ISSUE
HAS BEEN RESOLVED.

EXPERIMENTAL APPARENT TEMPERATURE AND RELATIVE HUMIDITY NDFD
FORECASTS HAVE NOT YET BEEN IMPLEMENTED FOR PUERTO RICO/THE
VIRGIN ISLANDS...HAWAII...AND GUAM. THE NWS CONTINUES TO INVESTIGATE
THAT PROBLEM AND WILL ISSUE A FOLLOW-UP TIN ONCE THAT ISSUE HAS
BEEN RESOLVED.

FOR INFORMATION ON THE 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/...REFER TO /USE LOWER CASE LETTERS/:

[HTTP://WWW.WEATHER.GOV/NDFD/TECHNICAL.HTM](http://www.weather.gov/ndfd/technical.htm)
[HTTP://WWW.WEATHER.GOV/XML/](http://www.weather.gov/xml/)

NDFD GRAPHICS ARE AVAILABLE ONLINE AT /USE LOWER CASE LETTERS/:

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

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

CHRIS ALEX
DIGITAL SERVICES
NATIONAL WEATHER SERVICE
OFFICE OF CLIMATE...WATER...AND WEATHER SERVICES
1325 EAST WEST HIGHWAY
SILVER SPRING MARYLAND 20910
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
1325 EAST WEST HIGHWAY
SILVER SPRING MARYLAND 20910
EMAIL: DAVID.RUTH@NOAA.GOV

THIS INFORMATION WILL ALSO BE POSTED ON THE NWS DATA MANAGEMENT CHANGE

NOTICES WEB PAGE ONLINE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.WEATHER.GOV/DATAMGMT/NOTICES.SHTML](http://www.weather.gov/datamgmt/notices.shtml)

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

[HTTP://WWW.WEATHER.GOV/OM/NOTIF.HTM](http://www.weather.gov/om/notif.htm)

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