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PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 05-55  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
1040 AM EDT FRI JUL 15 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  
NWS DIGITAL SERVICES NATIONAL PROGRAM MANAGER  
OFFICE OF CLIMATE WATER AND WEATHER SERVICES

SUBJECT: NATIONAL WEATHER SERVICE NATIONAL DIGITAL FORECAST  
DATABASE /NDFD/ OPERATIONAL READINESS STATUS MESSAGE:  
NEXT IMPLEMENTATION SCHEDULED SEPTEMBER 14 2005

REFER TO: TECHNICAL IMPLEMENTATION NOTICE /TIN/ 05-24 CORRECTED  
SENT MARCH 16 2005...MOST RECENT NDFD OPERATIONAL  
READINESS STATUS MESSAGE

THIS IS THE LATEST QUARTERLY MESSAGES ON THE STATUS OF NDFD  
ELEMENTS PER TIN05-24.

ON SEPTEMBER 14 2005 /SEPTEMBER 15TH... IN GUAM STANDARD  
TIME/...THE FOLLOWING SIX GRIDDED ELEMENTS FOR GUAM WILL BE  
UPGRADED FROM EXPERIMENTAL TO OPERATIONAL STATUS:

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

THESE SIX ELEMENTS ARE ALREADY OPERATIONAL FOR THE LOWER 48  
STATES...PUERTO RICO...AND HAWAII.

MORE SPECIFIC IMPLEMENTATION INFORMATION REGARDING THESE TWO  
CHANGES...SUCH AS FTP FILE SERVER DIRECTORY CHANGES...WILL BE  
ISSUED IN A FUTURE TIN AT LEAST 30 DAYS BEFORE THE EFFECTIVE DATE  
OF THIS IMPLEMENTATION.

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

SKY COVER  
WIND DIRECTION  
WIND SPEED  
QUANTITATIVE PRECIPITATION NOT AVAILABLE FOR HAWAII OR GUAM  
FORECAST /QPF/  
SIGNIFICANT WAVE HEIGHT

SNOW AMOUNT NOT AVAILABLE FOR PUERTO RICO OR GUAM  
APPARENT TEMPERATURE  
RELATIVE HUMIDITY

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

COMMENTS AND FEEDBACK ON THE FOLLOWING ELEMENTS WILL BE ACCEPTED UNTIL SEPTEMBER 15 2005:

QUANTITATIVE PRECIPITATION FORECASTS  
SIGNIFICANT WAVE HEIGHT  
SKY COVER  
SNOW AMOUNT  
WIND DIRECTION AND WIND SPEED

COMMENTS AND FEEDBACK ON THE FOLLOWING ELEMENTS WILL BE ACCPETED UNTIL DECEMBER 15 2005:

APPARENT TEMPERATURE  
RELATIVE HUMIDITY

COMMENTS MAY BE SUBMITTED BY CLICKING ON THE /FEEDBACK SURVEY/ LINK ON THE NDFD WEB PAGE AT /USE LOWER CASE LETTERS/:

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

NWS WILL CONTINUE TO ASSESS THE OPERATIONAL READINESS OF THE REMAINING EXPERIMENTAL ELEMENTS DURING THE NEXT THREE MONTHS. NWS WILL PROVIDE THE NEXT QUARTERLY OPERATIONAL READINESS STATUS MESSAGE IN A TIN NO LATER THAN OCTOBER 15 2005. USERS WILL RECEIVE A MINIMUM OF 30 DAYS NOTICE OF A DECISION TO DECLARE ADDITIONAL NDFD ELEMENTS OPERATIONAL OR TO ADD 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/RESOURCES/OPER\\_STATUS\\_TABLE.PDF](http://www.weather.gov/ndfd/resources/oper_status_table.pdf)

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)  
<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)

FOR GENERAL QUESTIONS REGARDING THE NDFD...PLEASE EMAIL:

[NWS.NDFD@NOAA.GOV](mailto:NWS.NDFD@NOAA.GOV)

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](mailto: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](mailto:DAVID.RUTH@NOAA.GOV)

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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