

NOUS41 KWBC 151403  
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 05-60  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
1010 AM EDT MON AUG 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  
NATIONAL DIGITAL SERVICES PROGRAM MANAGER  
OFFICE OF CLIMATE WATER AND WEATHER SERVICES

SUBJECT: NATIONAL DIGITAL FORECAST DATABASE  
IMPROVEMENTS FOR GUAM: SIX ELEMENTS BECOME  
OPERATIONAL ON SEPTEMBER 14 2005 AT 1400 UTC  
/SEPTEMBER 15 AT MIDNIGHT LOCAL GUAM TIME/

REFER TO: TECHNICAL IMPLEMENTATION NOTICE /TIN/ 05-55  
SENT JULY 15 2005

THIS IS THE LATEST IN A SERIES OF MESSAGES TO UPDATE  
CUSTOMERS ON THE STATUS OF THE NATIONAL DIGITAL FORECAST  
DATABASE /NDFD/ ELEMENTS...AS PROMISED IN TIN05-55.

SIX ELEMENTS IN THE NDFD FOR GUAM WILL BE UPGRADED FROM  
EXPERIMENTAL TO OPERATIONAL STATUS ON SEPTEMBER 14 2005 AT  
1400 COORDINATED UNIVERSAL TIME /UTC/...SEPTEMBER 15TH  
AT MIDNIGHT LOCAL GUAM TIME. THE SIX ELEMENTS ARE:

TEMPERATURE    MAXIMUM TEMPERATURE  
DEW POINT      MINIMUM TEMPERATURE  
WEATHER       12-HOUR PROBABILITY OF PRECIPITATION

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

THIS CHANGE AFFECTS USERS WHO PULL THESE ELEMENTS FOR  
GUAM IN GRIDDED BINARY /GRIB2/ FORMAT FROM THE NWS FILE  
TRANSFER PROTOCOL /FTP/ SERVER. SPECIFIC INFORMATION FOR  
FTP USERS REGARDING THIS CHANGE IS AVAILABLE ONLINE AT  
/USE LOWER CASE LETTERS/:

[HTTP://WWW.WEATHER.GOV/NDFD/OPER\\_IMPLM.HTM](http://www.weather.gov/ndfd/oper_implem.htm)

THIS CHANGE WILL BE TRANSPARENT TO USERS OF THE NDFD  
NATIONAL GRAPHICAL FORECASTS FOR GUAM AVAILABLE ONLINE AT  
/USE LOWER CASE LETTERS/:

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

AND USERS OF THE NDFD EXTENSIBLE MARKUP LANGUAGE /XML/  
VIA WEB SERVICE:

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

THE NWS WILL CONTINUE TO ASSESS THE OPERATIONAL READINESS OF THE REMAINING EXPERIMENTAL ELEMENTS OVER THE NEXT THREE MONTHS. WE WILL PROVIDE THE NEXT NDFD OPERATIONAL READINESS STATUS MESSAGE AS A TIN NO LATER THAN OCTOBER 17 2005. USERS WILL BE GIVEN A MINIMUM OF 30 DAYS NOTICE OF OUR DECISION TO DECLARE ANY ADDITIONAL NDFD ELEMENTS OPERATIONAL OR TO ADD MORE EXPERIMENTAL ELEMENTS.

RELATED NDFD WEB SITES /USE LOWER CASE LETTERS FOR ALL  
URLS SHOWN BELOW/:

CONTENT OF THE NDFD GRIDDED DATA FILES AND INSTRUCTIONS FOR ACCESSING THE OPERATIONAL AND EXPERIMENTAL GRID ELEMENTS IN EITHER GRIB2 FORMAT OR EXTENSIBLE MARKUP LANGUAGE /XML/:

<http://www.weather.gov/NDFD/TECHNICAL.HTM>

<http://www.weather.gov/XML/>

NDFD GRAPHICS:

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

THE CURRENT STATUS OF EACH OF THE 14 NDFD ELEMENTS FOR  
EACH DOMAIN:

<http://www.weather.gov/NDFD/DEVELOPMENT.HTM>

PRODUCT DESCRIPTION DOCUMENT FOR THE EXPERIMENTAL NDFD  
GRIDDED DATA:

[HTTP://PRODUCTS.WEATHER.GOV/PDD/NDFDGRIDS061505.PDF](http://products.weather.gov/pdd/NDFDGRIDS061505.PDF)

PRODUCT DESCRIPTION DOCUMENT FOR THE NDFD GRAPHICS:

[HTTP://PRODUCTS.WEATHER.GOV/PDD/NDFDGRAPHICS061505.PDF](http://products.weather.gov/pdd/NDFDGRAPHICS061505.PDF)

SERVICE DESCRIPTION DOCUMENT FOR ACCESSING THE NDFD IN XML:

[HTTP://PRODUCTS.WEATHER.GOV/PDD/EXTENSIBLE\\_MARKUP\\_LANGUAGE.PDF](http://products.weather.gov/pdd/EXTENSIBLE_MARKUP_LANGUAGE.PDF)

NDFD VERIFICATION INFORMATION:

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

USERS OF THE EXPERIMENTAL GRID PRODUCTS MAY PROVIDE

FEEDBACK ON WHICH ELEMENTS ARE MOST NEEDED AND WHICH APPEAR READY TO BE DESIGNATED OPERATIONAL. A BRIEF SURVEY AND COMMENT FORM IS AVAILABLE ONLINE AT:

[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  
NATIONAL WEATHER SERVICE  
OCWWS...DIGITAL 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  
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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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