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TECHNICAL IMPLEMENTATION NOTICE 05-73  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
230 PM EST FRI NOV 07 2005

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS...NOAA  
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  
DIGITAL SERVICES TRANSITION MANAGER  
OFFICE OF CLIMATE WATER AND WEATHER SERVICES

SUBJECT: TWO NATIONAL DIGITAL FORECAST DATABASE /NDFD/  
ELEMENTS TO BECOME OPERATIONAL ON DECEMBER 8 2005  
/DECEMBER 9 2005 IN GUAM/

REFER TO: TECHNICAL IMPLEMENTATION NOTICE /TIN/ 05-72  
SENT NOV 1 2005: MOST RECENT NDFD TIN

THIS IS THE LATEST IN A SERIES OF MESSAGES TO PROVIDE MORE  
SPECIFIC INFORMATION ON THE DECEMBER 8 2005 IMPLEMENTATION OF  
THE NATIONAL DIGITAL FORECAST DATABASE /NDFD/ ELEMENTS...AS  
PROMISED IN TECHNICAL IMPLEMENTATION NOTICE /TIN/ 05-72.

TWO ELEMENTS IN THE NDFD FOR THE LOWER 48 STATES...INCLUDING  
ALL 16 REGIONAL SUBSECTORS...PUERTO RICO/VIRGIN ISLANDS...  
HAWAII...AND GUAM WILL BE UPGRADED FROM EXPERIMENTAL TO  
OPERATIONAL STATUS ON DECEMBER 8 2005 AT 1400 COORDINATED  
UNIVERSAL TIME /UTC/...WHICH IS DECEMBER 9TH AT MIDNIGHT IN  
LOCAL GUAM TIME. THE TWO ELEMENTS ARE:

WIND DIRECTION  
WIND SPEED

THIS CHANGE AFFECTS USERS WHO PULL THESE ELEMENTS 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 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. WE WILL PROVIDE THE NEXT NDFD OPERATIONAL READINESS STATUS MESSAGE AS A TECHNICAL IMPLEMENTATION NOTICE NO LATER THAN JANUARY 15 2006. 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 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/ndfd/technical.htm)  
[HTTP://WWW.WEATHER.GOV/XML/](http://www.weather.gov/xml/)

NDFD GRAPHICS:

[HTTP://WWW.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](http://www.weather.gov/ndfd/development.htm)

NDFD VERIFICATION INFORMATION:

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

USERS OF THE EXPERIMENTAL GRID PRODUCTS MAY PROVIDE FEEDBACK BY RESPONDING TO A BRIEF SURVEY AND COMMENT FORM AVAILABLE 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:

JANNIE G. FERRELL  
NATIONAL WEATHER SERVICE  
OCWWS...DIGITAL SERVICES  
1325 EAST WEST HIGHWAY  
SILVER SPRING MARYLAND 20910  
EMAIL: [JANNIE.G.FERRELL@NOAA.GOV](mailto:JANNIE.G.FERRELL@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 AND ALL OTHER NWS TECHNICAL IMPLEMENTATION NOTICES ARE  
AVAILABLE AT /USE LOWER CASE LETTERS/:

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

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