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TECHNICAL IMPLEMENTATION NOTICE 05-73
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
230 PM EST FRI NOV 7 2005

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS
NOAA WEATHER WIRE SERVICE /NWS/ SUBSCRIBERS
EMERGENCY MANAGERS WEATHER INFORMATION NETWORK /EMWIN/
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OTHER NWS CUSTOMERS...PARTNERS AND EMPLOYEES

FROM: GLENN AUSTIN
NWS 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 NOVEMBER 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 [TIN 05-72](#).

TWO ELEMENTS IN THE NDFD FOR THE LOWER 48 STATES /CONUS/...INCLUDING ALL
16 REGIONAL SUBSECTORS...PUERTO RICO/U.S. 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 9 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
VERSION TWO /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/:

[HTTP://WWW.WEATHER.GOV/NDFD/OPER_IMPLM.HTM](http://WWW.WEATHER.GOV/NDFD/OPER_IMPLM.HTM)

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

[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
/USE LOWER CASE/:

[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 TIN 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 WEBSITES /USE LOWER CASE 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 /USE LOWER CASE/:

[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
SILVER SPRING MARYLAND
EMAIL: 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
SILVER SPRING MARYLAND
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NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:

[HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE](https://www.weather.gov/notification/archive)

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