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TECHNICAL IMPLEMENTATION NOTICE 05-72
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
100 PM EST TUE NOV 1 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: NWS NATIONAL DIGITAL FORECAST DATABASE /NDFD/
OPERATIONAL READINESS STATUS MESSAGE:
NEXT IMPLEMENTATION SCHEDULED DECEMBER 8 2005
/DECEMBER 9 2005 LOCAL GUAM TIME/

REFER TO: TECHNICAL IMPLEMENTATION NOTICE /TIN/ 05-55 SENT
JULY 15 2005...MOST RECENT NDFD OPERATIONAL
READINESS STATUS MESSAGE

THIS IS THE LATEST QUARTERLY MESSAGE ON THE STATUS OF NDFD
WEATHER ELEMENTS...AS PROMISED IN TIN 05-55.

ON DECEMBER 8 2005 AT 1400 UNIVERSAL COORDINATED TIME /UTC/...
DECEMBER 9 AT MIDNIGHT LOCAL GUAM TIME...TWO ADDITIONAL FORECAST
ELEMENTS IN THE NATIONAL DIGITAL FORECAST DATABASE /NDFD/ WILL BE
UPGRADED FROM EXPERIMENTAL TO OPERATIONAL STATUS. IF THE
IMPLEMENTATION DAY IS A CRITICAL WEATHER DAY...THIS
IMPLEMENTATION MAY BE POSTPONED AND USERS WILL BE NOTIFIED AS FAR
IN ADVANCE AS POSSIBLE.

THE NDFD FORECAST ELEMENTS BEING UPGRADED TO OPERATIONAL STATUS
ON DECEMBER 8 2005 ARE:

WIND DIRECTION AND WIND SPEED FOR THE LOWER 48
STATES...INCLUDING ALL 16 REGIONAL SUBSECTORS...
PUERTO RICO/VIRGIN ISLANDS...HAWAII...AND GUAM.

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

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

SKY COVER
SIGNIFICANT WAVE HEIGHT
APPARENT TEMPERATURE
RELATIVE HUMIDITY
QUANTITATIVE PRECIPITATION FORECAST /QPF/
SNOW AMOUNT

THE COMMENT PERIOD FOR THE SIGNIFICANT WAVE HEIGHT AND SKY COVER FORECAST ELEMENTS CLOSED SEPTEMBER 15 2005. COMMENTS AND FEEDBACK ON THE APPARENT TEMPERATURE AND RELATIVE HUMIDITY FORECAST ELEMENTS WILL BE ACCEPTED UNTIL DECEMBER 15 2005. 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/)

THESE FORECAST ELEMENTS WILL REMAIN IN EXPERIMENTAL STATUS UNTIL FEEDBACK IS ASSESSED...SOFTWARE UPGRADES CAN BE MADE AND/OR ADDITIONAL IMPROVEMENTS ARE COMPLETE.

NWS WILL PROVIDE THE NEXT QUARTERLY OPERATIONAL READINESS STATUS MESSAGE IN A TECHNICAL IMPLEMENTATION NOTICE NO LATER THAN JANUARY 15 2006. 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 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 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://WEATHER.GOV/XML/](http://weather.gov/xml/)

NDFD GRAPHICS:

[HTTP://WEATHER.GOV/FORECASTS/GRAPHICAL/SECTORS/INDEX.PHP](http://weather.gov/forecasts/graphical/sectors/index.php)

PRODUCT DESCRIPTION DOCUMENTS /PDD/ FOR THE NDFD FORECAST ELEMENT DATA FILES 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

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

JANNIE FERRELL
DIGITAL SERVICES
NATIONAL WEATHER SERVICE
OFFICE OF CLIMATE...WATER...AND WEATHER SERVICES
1325 EAST WEST HIGHWAY
SILVER SPRING MARYLAND 20910
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
1325 EAST WEST HIGHWAY
SILVER SPRING MARYLAND 20910
EMAIL: 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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