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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 /NWWS/ SUBSCRIBERS
           EMERGENCY MANAGERS WEATHER INFORMATION NETWORK /EMWIN/
           SUBSCRIBERS
           NOAAPORT SUBSCRIBERS
           OTHER NWS CUSTOMERS...PARTNERS AND 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 COORDINATED UNIVERSAL TIME /UTC/...DECEMBER 9
2005 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 /CONUS/...INCLUDING
ALL 16 REGIONAL SUBSECTORS... PUERTO RICO/U.S. 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 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/U.S. 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 WEBPAGE AT /USE LOWER CASE/:

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 TIN 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 WEBSITES /USE LOWER CASE FOR THESE URLS/:

STATUS OF NDFD ELEMENTS:
HTTP://WWW.WEATHER.GOV/NDFD/RESOURCES/OPER_STATUS_TABLE.PDF

NDFD VERIFICATION INFORMATION:
HTTP://WWW.NWS.NOAA.GOV/NDFD/VERIFICATION/

CONTENT OF AND INSTRUCTIONS FOR ACCESSING THE OPERATIONAL AND EXPERIMENTAL
GRID ELEMENTS IN EITHER GRIDDED BINARY VERSION TWO /GRIB2/ FORMAT OR
EXTENSIBLE MARKUP LANGUAGE /XML/:
HTTP://WWW.NWS.NOAA.GOV/NDFD/TECHNICAL.HTM HTTP://WEATHER.GOV/XML/

NDFD GRAPHICS:
HTTP://WEATHER.GOV/FORECASTS/GRAPHICAL/SECTORS/INDEX.PHP

PRODUCT DESCRIPTION DOCUMENTS /PDDS/ FOR THE NDFD FORECAST ELEMENT DATA
FILES AND GRAPHICS:
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
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
EMAIL: DAVID.RUTH@NOAA.GOV

NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:

HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE

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