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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 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/](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](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 VERSION TWO /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 /PDDS/ 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](mailto: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](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  
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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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