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TECHNICAL IMPLEMENTATION NOTICE 06-04
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
950 AM EST MON FEB 6 2006

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

FROM: GLENN AUSTIN
DIGITAL SERVICES TRANSITION MANAGER
OFFICE OF CLIMATE...WATER AND WEATHER SERVICES

SUBJECT: NWS NATIONAL DIGITAL FORECAST DATABASE /NDFD/ OPERATIONAL
READINESS STATUS MESSAGE: TWO EXPERIMENTAL ELEMENTS TO BECOME OPERATIONAL
ON MARCH 15 2006 /MARCH 16 2006 LOCAL GUAM TIME/

REFER TO: [TECHNICAL IMPLEMENTATION NOTICE /TIN/ 05-72](#)...SENT NOVEMBER 1
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 05-72](#).

ON MARCH 15 2006 AT 1400 COORDINATED UNIVERSAL TIME /UTC/.../MARCH 16 2006
AT MIDNIGHT LOCAL GUAM TIME/...THE APPARENT TEMPERATURE AND RELATIVE
HUMIDITY EXPERIMENTAL FORECAST ELEMENTS IN THE NATIONAL DIGITAL FORECAST
DATABASE /NDFD/ WILL BE UPGRADED TO OPERATIONAL STATUS. IF THE
IMPLEMENTATION DAY IS A CRITICAL WEATHER DAY...THE IMPLEMENTATION MAY BE
POSTPONED. IN THAT CASE...USERS WILL BE NOTIFIED OF THAT DECISION AS FAR
IN ADVANCE AS POSSIBLE.

THE NDFD FORECAST ELEMENTS BEING UPGRADED COVER 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
FILE TRANSFER PROTOCOL /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 CONUS...PUERTO
RICO/U.S. VIRGIN ISLANDS...HAWAII AND GUAM ARE:

SKY COVER
SIGNIFICANT WAVE HEIGHT
QUANTITATIVE PRECIPITATION FORECAST
SNOW AMOUNT

WE HAVE RECENTLY COMPLETED A REVIEW OF MORE THAN 2000 RESPONSES NWS RECEIVED FROM NDFD USERS VIA OUR ONLINE SURVEYS. WE APPRECIATE ALL THE COMMENTS AND ARE USING THEM TO PLAN SUGGESTED IMPROVEMENTS IN BOTH THE REMAINING EXPERIMENTAL ELEMENTS AS WELL AS THE OPERATIONAL ELEMENTS. MEANWHILE...TECHNICAL REVIEWS OF EACH OF THE EXPERIMENTAL ELEMENTS CONTINUE. ALTHOUGH SPECIFIC DATES FOR UPGRADING THESE ELEMENTS FROM EXPERIMENTAL TO OPERATIONAL STATUS HAVE NOT BEEN SET...IT WILL LIKELY BE SOMETIME THIS YEAR. USERS WILL RECEIVE A MINIMUM OF 30 DAYS NOTICE OF A DECISION TO DECLARE ADDITIONAL NDFD ELEMENTS OPERATIONAL OR TO ADD MORE EXPERIMENTAL ELEMENTS TO NDFD.

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.

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

CHRIS ALEX
DIGITAL SERVICES
NATIONAL WEATHER SERVICE
OFFICE OF CLIMATE...WATER AND WEATHER SERVICES
SILVER SPRING MARYLAND
EMAIL: CHRISTINE.ALEX@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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