

NOUS41 KWBC 152035
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 05-12
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
335 PM EST TUE FEB 15 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
ACTING CHIEF...DIGITAL SERVICES

SUBJECT: THREE NATIONAL DIGITAL FORECAST DATABASE /NDFD/ ELEMENTS FOR THE
CONTIGUOUS U.S. BECOME OPERATIONAL ON MARCH 15 2005 AT 1400 UTC

REFER TO: [TECHNICAL IMPLEMENTATION NOTICE /TIN/ 04-65](#)...SENT 12/15/04
[TIN 04-61](#)...SENT 9/16/04
[TIN 04-49](#)...SENT 9/16/04
[TIN 04-34](#)...SENT 6/30/04

THREE ADDITIONAL ELEMENTS FOR THE CONTIGUOUS U.S. /CONUS/ IN THE NATIONAL
DIGITAL FORECAST DATABASE /NDFD/ WILL BE DECLARED OPERATIONAL ON MARCH 15
2005 AT 1400 COORDINATED UNIVERSAL TIME /UTC/. THESE THREE ELEMENTS FOR
THE CONUS ARE:

TEMPERATURE
DEW POINT
WEATHER

THIS CHANGE IMPACTS USERS WHO PULL THESE ELEMENTS IN GRID 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 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 LANGAUAGE /XML/ VIA WEB SERVICE:

[HTTP://WWW.WEATHER.GOV/XML/](http://WWW.WEATHER.GOV/XML/)

AS OF MARCH 15 2005...THE STATUS OF THE 12 INITIAL ELEMENTS IN NDFD FOR THE CONUS IS:

ELEMENT /CONUS ONLY/ -----	STATUS: -----
TEMPERATURE	OPERATIONAL AS OF 3/15/05
DEW POINT	OPERATIONAL AS OF 3/15/05
WEATHER	OPERATIONAL AS OF 3/15/05
MAXIMUM TEMPERATURE	OPERATIONAL AS OF 12/1/04
MINIMUM TEMPERATURE	OPERATIONAL AS OF 12/1/04
PROBABILITY OF PRECIPITATION /POP12/	OPERATIONAL AS OF 12/1/04
SKY COVER	EXPERIMENTAL
QUANTITATIVE PRECIPITATION FORECAST /QPF/	EXPERIMENTAL
WIND DIRECTION	EXPERIMENTAL
WIND SPEED	EXPERIMENTAL
SNOW AMOUNT	EXPERIMENTAL
SIGNIFICANT WAVE HEIGHT	EXPERIMENTAL

STATUS OF OTHER AREAS /OUTSIDE OF CONUS/:

ALL 11 ELEMENTS FOR PUERTO RICO /SNOW AMOUNT NOT AVAILABLE/: EXPERIMENTAL

ALL 11 ELEMENTS FOR HAWAII /QPF NOT AVAILABLE/: EXPERIMENTAL

ALL 10 ELEMENTS FOR GUAM /QPF AND SNOW AMOUNT NOT AVAILABLE/: EXPERIMENTAL

ALL ELEMENTS FOR ALASKA: NOT YET AVAILABLE

ELEMENTS REMAINING IN EXPERIMENTAL STATUS WILL BE EVALUATED AND IMPROVED...AND WILL CONTINUE TO BE AVAILABLE ON EXPERIMENTAL NDFD DIRECTORIES. NDFD ELEMENTS FOR ALASKA ARE NOT YET AVAILABLE IN EXPERIMENTAL OR OPERATIONAL STATUS.

NWS IS ASKING USERS OF EXPERIMENTAL NDFD ELEMENTS FOR FEEDBACK ON WHICH OF THE REMAINING SIX EXPERIMENTAL ELEMENTS ARE MOST NEEDED AND WHICH APPEAR READY TO BE DESIGNATED OPERATIONAL. A BRIEF SURVEY AND COMMENT FORM IS 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:

CHRIS ALEX
DIGITAL SERVICES
OFFICE OF CLIMATE...WATER AND WEATHER SERVICES
NWS HEADQUARTERS
SILVER SPRING MARYLAND
EMAIL: CHRISTINE.ALEX@NOAA.GOV

IF YOU HAVE TECHNICAL QUESTIONS REGARDING NDFD DATA...CONTACT:

DAVID RUTH
CHIEF...MESOSCALE PREDICTION BRANCH
OFFICE OF SCIENCE AND TECHNOLOGY
NWS HEADQUARTERS
SILVER SPRING MARYLAND
EMAIL: DAVID.RUTH@NOAA.GOV

THIS INFORMATION WILL ALSO BE POSTED ON THE NWS DATA MANAGEMENT CHANGE
NOTICES WEBPAGE AT /USE LOWER CASE/:

[HTTP://WWW.NWS.NOAA.GOV/DATAMGMT/NOTICES.SHTML](http://www.nws.noaa.gov/datamgmt/notices.shtml)

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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