

NOUS41 KWBC 302001  
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 04-61  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
300 PM EST TUE NOV 30 2004

TO: FAMILY SERVICE /FOS/ SUBSCRIBERS...NOAA WEATHER  
WIRE SERVICE /NWWS/ SUBSCRIBERS...EMERGENCY  
MANAGERS WEATHER INFORMATION NETWORK /EMWIN/  
SUBSCRIBERS...NOAAPORT SUBSCRIBERS...OTHER NATIONAL  
WEATHER SERVICE /NWS/ CUSTOMERS AND PARTNERS...AND  
NWS EMPLOYEES

FROM: GLENN AUSTIN  
ACTING CHIEF...DIGITAL SERVICES

SUBJECT: REMINDER...THREE NATIONAL DIGITAL FORECAST DATABASE /NDFD/  
ELEMENTS FOR THE CONTIGUOUS U.S. BECOME OFFICIAL ON  
DECEMBER 1 2004 AT 1400 UTC

REFER TO: TECHNICAL IMPLEMENTATION NOTICE 04-49 SENT  
SEPTEMBER 16 2004

THIS IS A REMINDER THAT THREE OF THE INITIAL 12 EXPERIMENTAL ELEMENTS FOR  
THE CONTIGUOUS U.S. /CONUS/ IN THE NATIONAL DIGITAL FORECAST DATABASE  
/NDFD/ WILL BE DECLARED OFFICIAL ON DECEMBER 1 2004 AT 1400 COORDINATED  
UNIVERSAL TIME /UTC/. THE THREE OFFICIAL ELEMENTS FOR THE CONUS WILL BE:

MAXIMUM TEMPERATURE  
MINIMUM TEMPERATURE  
PROBABILITY OF PRECIPITATION /POP12/

AT 1400 UTC ON DECEMBER 1 2004...THESE ELEMENTS WILL BE MOVED FROM THE  
CURRENT EXPERIMENTAL ELEMENT DIRECTORIES TO THE OFFICIAL ELEMENT  
DIRECTORIES... FOR THE NATIONAL MOSAICKED CONUS GRID AS WELL AS THE  
16 CONUS SUBSECTOR GRIDS...AS DESCRIBED BELOW AND IN TABLE 1.

THERE WILL BE NO OVERLAP OF DATA BETWEEN THE OFFICIAL DIRECTORIES AND THE  
EXPERIMENTAL DIRECTORIES. ONCE AN ELEMENT BECOMES OFFICIAL AND MOVES TO  
THE OFFICIAL GRID DIRECTORY...IT WILL NO LONGER BE ACCESSIBLE IN THE  
EXPERIMENTAL DIRECTORY. SEE TABLE 1 FOR A LIST OF THE CURRENT AND NEW  
DIRECTORIES TO ACCESS MAXIMUM TEMPERATURE...MINIMUM TEMPERATURE...AND  
PROBABILITY OF PRECIPITATION /POP12/ FOR THE CONUS.

PARTNERS AND CUSTOMERS MUST UPDATE THEIR PROCEDURES AND SCRIPTS TO ENSURE  
ACCESS TO THE THREE NEW OFFICIAL GRID ELEMENTS WHICH ARE BEING MOVED TO  
THE OFFICIAL ELEMENT DIRECTORIES. THE LOCATIONS FOR RETRIEVING THE  
REMAINING EXPERIMENTAL NDFD ELEMENTS /SEE TABLE 2/ REMAIN UNCHANGED.

TABLE 1: MAX TEMPERATURE...MIN TEMPERATURE...AND POP12 FOR THE CONUS  
WILL BE ADDED TO THE FOLLOWING OFFICIAL DIRECTORIES AND DELETED FROM THE  
CORRESPONDING EXPERIMENTAL DIRECTORIES /NOTE THE URLS ARE MIXED CASE AND

CASE-SENSITIVE/:

THE NATIONAL CONUS MOSAIC:

MAX TEMP...MIN TEMP...AND POP12 WILL BE ADDED TO:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndfd/AR.conus/>

AND DELETED FROM:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.conus/>

AND MAXIMUM TEMPERATURE...MINIMUM TEMPERATURE...AND POP12 FOR THE  
16 CONUS SUBSECTOR GRIDS WILL BE ADDED TO AND DELETED FROM THE FOLLOWING  
DIRECTORIES:

PACIFIC NORTHWEST SUBSECTOR:

MAX TEMP...MIN TEMP...AND POP12 WILL BE ADDED TO:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndfd/AR.pacnwest/>

AND DELETED FROM:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.pacnwest/>

PACIFIC SOUTHWEST SUBSECTOR:

MAX TEMP...MIN TEMP...AND POP12 WILL BE ADDED TO:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndfd/AR.pacswest/>

AND DELETED FROM:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.pacswest/>

NORTHERN ROCKIES SUBSECTOR:

MAX TEMP...MIN TEMP...AND POP12 WILL BE ADDED TO:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndfd/AR.nrockies/>

AND DELETED FROM:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.nrockies/>

CENTRAL ROCKIES SUBSECTOR:

MAX TEMP...MIN TEMP...AND POP12 WILL BE ADDED TO:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndfd/AR.crrocks/>

AND DELETED FROM:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.crrocks/>

SOUTHERN ROCKIES SUBSECTOR:

MAX TEMP...MIN TEMP...AND POP12 WILL BE ADDED TO:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndfd/AR.srockies/>

AND DELETED FROM:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.srockies/>

**NORTHERN PLAINS SUBSECTOR:**

**MAX TEMP...MIN TEMP...AND POP12 WILL BE ADDED TO:**

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndfd/AR.nplains/>

**AND DELETED FROM:**

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.nplains/>

**CENTRAL PLAINS SUBSECTOR:**

**MAX TEMP...MIN TEMP...AND POP12 WILL BE ADDED TO:**

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndfd/AR.crplains/>

**AND DELETED FROM:**

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.crplains/>

**SOUTHERN PLAINS SUBSECTOR:**

**MAX TEMP...MIN TEMP...AND POP12 WILL BE ADDED TO:**

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndfd/AR.splains/>

**AND DELETED FROM:**

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.splains/>

**UPPER MISSISSIPPI VALLEY SUBSECTOR:**

**MAX TEMP...MIN TEMP...AND POP12 ADDED TO:**

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndfd/AR.umissvly/>

**AND DELETED FROM:**

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.umissvly/>

**CENTRAL MISSISSIPPI VALLEY SUBSECTOR:**

**MAX TEMP...MIN TEMP...AND POP12 WILL BE ADDED TO:**

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndfd/AR.crmissvy/>

**AND DELETED FROM:**

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.crmissvy/>

**SOUTHERN MISSISSIPPI VALLEY SUBSECTOR:**

**MAX TEMP...MIN TEMP...AND POP12 ADDED TO:**

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndfd/AR.smissvly/>

**AND DELETED FROM:**

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.smissvly/>

**CENTRAL GREAT LAKES SUBSECTOR:**

**MAX TEMP...MIN TEMP...AND POP12 ADDED TO:**

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndfd/AR.crglake/>

**AND DELETED FROM:**

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.crglake/>

EASTERN GREAT LAKES SUBSECTOR:

MAX TEMP...MIN TEMP...AND POP12 ADDED TO:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndfd/AR.erglake/>

AND DELETED FROM:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.erglake/>

NORTH EAST SUBSECTOR:

MAX TEMP...MIN TEMP...AND POP12 ADDED TO:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndfd/AR.neast/>

AND DELETED FROM:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.neast/>

SOUTH EAST SUBSECTOR:

MAX TEMP...MIN TEMP...AND POP12 ADDED TO:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndfd/AR.seast/>

AND DELETED FROM:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.seast/>

MID ATLANTIC SUBSECTOR:

MAX TEMP...MIN TEMP...AND POP12 ADDED TO:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/DF.gr2/DC.ndfd/AR.midatlan/>

AND DELETED FROM:

<ftp://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndfd/AR.midatlan/>

/END OF TABLE 1/

THE NINE REMAINING EXPERIMENTAL NDFD ELEMENTS FROM THE ORIGINAL SET /SEE TABLE 2 BELOW/ WILL RETAIN THEIR EXPERIMENTAL STATUS WHILE THEY ARE IMPROVED AND EVALUATED...AND WILL CONTINUE TO BE AVAILABLE ON THE NATIONAL MOSAICKED AND 16 SUBSECTOR EXPERIMENTAL NDFD DIRECTORIES.

TABLE 2: THE REMAINING NINE EXPERIMENTAL NDFD ELEMENTS ARE:

SKY COVER  
QUANTITATIVE PRECIPITATION FORECAST /QPF/  
SNOW AMOUNT  
WEATHER  
WIND DIRECTION  
WIND SPEED  
TEMPERATURE  
DEW POINT  
SIGNIFICANT WAVE HEIGHT

THESE ELEMENTS...ALONG WITH ALL OTHER CONUS EXPERIMENTAL NDFD

ELEMENTS...AND ALL NDFD ELEMENTS FOR PUERTO RICO...HAWAII...AND  
GUAM...WILL CONTINUE TO BE AVAILABLE FROM THE APPROPRIATE EXPERIMENTAL  
NDFD DIRECTORIES.

FOR MORE SPECIFIC INFORMATION ON THE CONTENT AND FORMAT OF THE NDFD  
FILES...AS WELL AS FTP INSTRUCTIONS...REFER TO THE FOLLOWING WEB SITE  
/USE LOWER CASE LETTERS/:

[HTTP://WWW.NWS.NOAA.GOV/NDFD/TECHNICAL.HTM](http://www.nws.noaa.gov/ndfd/technical.htm)

USERS OF THE EXPERIMENTAL GRID PRODUCTS ARE ASKED TO PROVIDE  
FEEDBACK ON WHICH OF THE REMAINING NINE EXPERIMENTAL ELEMENTS ARE MOST  
NEEDED...AND WHICH APPEAR READY TO BE DESIGNATED OFFICIAL. A BRIEF  
SURVEY AND COMMENT FORM IS AVAILABLE AT THE FOLLOWING URL /USE LOWER CASE  
LETTERS/:

<http://www.weather.gov/SURVEY/NWS-SURVEY.PHP?CODE=NDFD-GRIDS>

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

DOUG YOUNG  
PUBLIC AND DIGITAL SERVICES  
OFFICE OF CLIMATE WATER AND WEATHER SERVICES  
NWS HEADQUARTERS  
E-MAIL: DOUGLAS.YOUNG@NOAA.GOV

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

DAVID RUTH  
CHIEF...MESOSCALE PREDICTION BRANCH  
OFFICE OF SCIENCE AND TECHNOLOGY  
NWS HEADQUARTERS  
E-MAIL: DAVID.RUTH@NOAA.GOV

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

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

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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