

NOUS41 KWBC 231215  
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 06-72  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
810 AM EDT MON OCT 23 2006

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

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

SUBJECT: REMINDER: CHANGE IN TIME THE NWS NATIONAL DIGITAL  
FORECAST DATABASE /NDFD/ IS EXTENDED BY 24 HOURS:  
EFFECTIVE NOVEMBER 28 2006

REFER TO: TECHNICAL IMPLEMENTATION NOTICE /TIN/ 06-51  
SENT JULY 19 2006

THIS IS A REMINDER THAT ON NOVEMBER 28 2006...THE TIME THE NDFD  
IS EXTENDED BY 24 HOURS /ADDING A NEW DAY 7 FORECAST TO THE  
DATABASE...FOR EXAMPLE/ WILL CHANGE FROM 1800 COORDINATED  
UNIVERSAL TIME /UTC/ TO 2200 UTC. SHIFTING THE UPDATE TIME TO  
2200 UTC WILL ALLOW NWS FORECASTERS TO ASSIMILATE THE MOST  
RECENT FORECAST MODELS AND NATIONAL CENTERS GUIDANCE INTO THEIR  
FORECAST AND COLLABORATE MORE WITH NEIGHBORING NWS OFFICES. THE  
RESULT WILL BE MORE ACCURATE AND COHERENT FORECASTS ACROSS THE  
COUNTRY AND IN NDFD. THIS WAS ORIGINALLY ANNOUNCED IN TIN 06-51:

[HTTP://WWW.WEATHER.GOV/OS/NOTIFICATION/TIN06-51NDFD.TXT.](http://www.weather.gov/os/notification/tin06-51ndfd.txt)

UPDATES TO NDFD GRIDDED BINARY /GRIB2/ FILES FOR DAYS 4 THROUGH  
7 ARE AVAILABLE ON THE ANONYMOUS FILE TRANSFER PROTOCOL /FTP/  
SERVER AT 0000...0600...1200...AND 1800 UTC AT ABOUT H-15  
MINUTES. STARTING ON NOVEMBER 28 2006 THESE FILES WILL ALSO BE  
UPDATED A FIFTH TIME AT 2200 UTC. DAYS 1 THROUGH 3 NDFD ELEMENT  
GRIB2 FILES WILL CONTINUE TO BE UPDATED HOURLY. FOR EXAMPLE THE  
1800 UTC NDFD ELEMENT FILES FOR DAYS 4 THROUGH 7 ARE POSTED TO  
THE FTP SERVER ABOUT 1745 UTC. THE DAYS 1 THROUGH 3 FILES ARE  
POSTED TO THE FTP SERVER NEAR 1800 UTC.

THIS CHANGE AFFECTS USERS WHO PULL NDFD ELEMENT FILES FROM THE  
FTP SERVER AND USERS WHO ACCESS NDFD IN EXTENSIBLE MARKUP  
LANGUAGE /XML/ VIA THE XML WEB SERVICE. BEGINNING NOVEMBER 28  
2006 THE NEW DAY 7 FORECAST FILES WILL BE ADDED TO THE NDFD AT  
2200 UTC RATHER THAN AT 1800 UTC AS THEY ARE CURRENTLY. FTP AND  
XML USERS MAY WANT TO PULL DATA FROM NDFD AT 2200 UTC STARTING

ON OR AFTER NOVEMBER 28TH TO ENSURE THEY ARE GETTING THE NEW DAY 7 FORECAST DATA AS SOON AS IT IS AVAILABLE.

THERE ARE NO NEW WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADINGS ASSOCIATED WITH THIS CHANGE. HOWEVER USERS WHO KEY ON WMO HEADINGS WITHIN THE GRIDDED BINARY /GRIB2/ ELEMENT FILES MUST PROPERLY IDENTIFY HEADINGS ACCORDING TO FORECAST DAY. FOR EXAMPLE GRIDS DESIGNATED AS DAY 2 FORECASTS IN THE WMO HEADING WILL NOT CHANGE TO A DAY 1 DESIGNATION UNTIL 2200 UTC EACH DAY...STARTING ON NOVEMBER 28 2006.

NOTE: THIS CHANGE DOES NOT AFFECT USERS OF NDFD WEB GRAPHICS.

IF NOVEMBER 28 2006 IS A CRITICAL WEATHER DAY...THIS IMPLEMENTATION MAY BE POSTPONED. USERS WILL BE NOTIFIED AS FAR IN ADVANCE AS POSSIBLE OF ANY DECISION TO DELAY IMPLEMENTATION.

USERS ARE ENCOURAGED TO PROVIDE FEEDBACK BY USING ONE OF THE BRIEF SURVEYS AVAILABLE ONLINE AT /USE LOWER CASE LETTERS/:

FOR GRIB2 USERS:

[HTTP://WWW.WEATHER.GOV/SURVEY/NWS-SURVEY.PHP?CODE=NDFD-GRIDS](http://www.weather.gov/survey/nws-survey.php?code=ndfd-grids)

FOR USERS OF XML SOAP SERVICE:

[HTTP://WWW.WEATHER.GOV/SURVEY/NWS-SURVEY.PHP?CODE=XMLSOAP](http://www.weather.gov/survey/nws-survey.php?code=xmlsoap)

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:

CHRIS ALEX  
DIGITAL SERVICES  
NATIONAL WEATHER SERVICE  
OFFICE OF CLIMATE WATER AND WEATHER SERVICES  
1325 EAST WEST HIGHWAY  
SILVER SPRING MARYLAND 20910  
EMAIL: [CHRISTINE.ALEX@NOAA.GOV](mailto:CHRISTINE.ALEX@NOAA.GOV)

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

DAVID RUTH  
MESOSCALE PREDICTION BRANCH CHIEF  
NATIONAL WEATHER SERVICE  
OFFICE OF SCIENCE AND TECHNOLOGY  
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EMAIL: [DAVID.RUTH@NOAA.GOV](mailto:DAVID.RUTH@NOAA.GOV)

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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