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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 NWS CUSTOMERS...PARTNERS AND 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 SEVEN 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 /USE LOWER CASE/:

[HTTPS://WWW.WEATHER.GOV/MEDIA/NOTIFICATION/TINS/TIN06-51NDFD.PDF](https://www.weather.gov/media/notification/tins/tin06-51ndfd.pdf)

UPDATES TO NDFD GRIDDED BINARY VERSION TWO /GRIB2/ FILES FOR DAYS FOUR
THROUGH SEVEN 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 ONE THROUGH THREE NDFD ELEMENT GRIB2 FILES WILL CONTINUE
TO BE UPDATED HOURLY. FOR EXAMPLE...THE 1800 UTC NDFD ELEMENT FILES FOR
DAYS FOUR THROUGH SEVEN ARE POSTED TO THE FTP SERVER ABOUT 1745 UTC. THE
DAYS ONE THROUGH THREE 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 SEVEN 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 SEVEN 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 TWO FORECASTS IN THE WMO HEADING WILL NOT CHANGE TO A DAY ONE 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/:

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

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/NOTIFICATIONS/ARCHIVE](https://www.weather.gov/notifications/archive)

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