

NOUS41 KWBC 181906 AAA
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 07-88...AMENDED
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
205 PM EST TUE DEC 18 2007

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/ PARTNERS AND OTHER USERS...NWS EMPLOYEES

FROM: PAUL HIRSCHBERG
CHIEF...SCIENCE PLANS BRANCH
OFFICE OF SCIENCE AND TECHNOLOGY /OST/

SUBJECT: AMENDED: UPGRADE TO CLIMATE FORECAST SYSTEM: EFFECTIVE
JANUARY 22 2008

REFER TO: TECHNICAL IMPLEMENTATION NOTICE /TIN/ 07-88
TRANSMITTED ON AUG 2 2007

THIS TIN HAS BEEN AMENDED TO REFLECT A DELAY IN THE
IMPLEMENTATION OF THE CFS. THIS IMPLEMENTATION HAS BEEN
RESCHEDULED FOR TUESDAY JANUARY 22 2008.

EFFECTIVE TUESDAY JANUARY 22 2008...AT 1200 COORDINATED UNIVERSAL
TIME /UTC/...THE NATIONAL CENTERS FOR ENVIRONMENTAL PREDICTION
/NCEP/ WILL UPGRADE THE CFS.

MODELING SYSTEM CHANGES:

- UPGRADE THE LAG TIME OF THE CFS FORECAST MODEL FROM THE
CURRENT 8-DAY LAG TO A 1-DAY LAG.
- ADD 2 MEMBERS TO THE CURRENT 2 MEMBERS FOR A TOTAL OF
4 MEMBERS. THE 2 NEW MEMBERS WILL BE RUN AT THE SAME RESOLUTION
AND SAME FORECAST LENGTH.
- INCREASE THE DEPTH OF THE GLOBAL OCEAN DATA ASSIMILATION SYSTEM
/GODAS/ FROM THE CURRENT 750 METERS TO 2175 METERS.

PARALLEL DATA SETS ARE AVAILABLE ON THE NCEP FTP SERVER AT THE
LINK BELOW. NCEP ENCOURAGES ALL USERS TO EVALUATE THE DATA SETS
TO ENSURE THEIR SYSTEMS ARE PREPARED FOR THE UPCOMING CHANGE.
/USE LOWERCASE LETTERS/

FTP://FTPPRD.NCEP.NOAA.GOV/PUB/DATA1/NCCF/COM/CFS/PARA/
FORECAST.YYYYMMDD

THE ENVIRONMENTAL MODELING CENTER /EMC/ HAS A PUBLICLY AVAILABLE
WEBSITE WHICH CAN PROVIDE USERS MORE INFORMATION CONCERNING THE
CFS /PLEASE USE LOWERCASE LETTERS/

HTTP://CFS.NCEP.NOAA.GOV

DATA DELIVERY TIMING/VOLUME/CONTENT CHANGES:

NOAAPORT DATA:

THESE DATA SETS ARE NOT AVAILABLE ON NOAAPORT.

NWS FTP SERVER: /USE LOWERCASE LETTERS EXCEPT FOR THE SL...S...MT
AND MR/

FTP://TGFTP.NWS.NOAA.GOV/SL.US008001/ST.OPNL/MT.CFS_MR.FCST
FTP://TGFTP.NWS.NOAA.GOV/SL.US008001/ST.OPNL/MT.CFS_MR.CLIM

- NO CHANGE IS EXPECTED IN THE CONTENT DELIVERY TIME.
- NO SIGNIFICANT CHANGE IN DATA VOLUMES ARE EXPECTED.
- NO CHANGE IN PDS CONTENT IS EXPECTED.
- NEW MEMBERS WILL BECOME AVAILABLE ON THE DAY OF IMPLEMENTATION.

NCEP FTP SERVER: /USE LOWERCASE LETTERS/

FTP://FTPPRD.NCEP.NOAA.GOV/PUB/DATA1/NCCF/COM/CFS/PROD

- NO CHANGE IS EXPECTED IN THE CONTENT DELIVERY TIME.
- NO SIGNIFICANT CHANGE IN DATA VOLUMES ARE EXPECTED.
- NO CHANGE IN PDS CONTENT IS EXPECTED.
- NEW MEMBERS WILL BECOME AVAILABLE ON THE DAY OF IMPLEMENTATION.

NCEP ENCOURAGES ALL USERS TO ENSURE THEIR DECODERS ARE FLEXIBLE
AND ARE ABLE TO ADEQUATELY HANDLE CHANGES IN CONTENT
ORDER...PARAMETER FIELDS CHANGING ORDER...CHANGES IN THE SCALING
FACTOR COMPONENT WITHIN THE PDS OF THE GRIB FILES AND ANY VOLUME
CHANGES WHICH MAY BE FORTHCOMING. THESE ELEMENTS MAY CHANGE WITH
FUTURE NCEP MODEL IMPLEMENTATIONS. NCEP WILL MAKE EVERY ATTEMPT
TO ALERT USERS TO THESE CHANGES BEFORE IMPLEMENTATION.

FOR QUESTIONS REGARDING THE SCIENTIFIC CONTENT OF THE MODELING
SYSTEM...PLEASE CONTACT:

SURANJANA SAHA
NCEP/EMC
CAMP SPRINGS MD 20746
PHONE: 301-763-8000X7236
EMAIL: SURANJANA.SAHA@NOAA.GOV

FOR QUESTIONS REGARDING THE DATAFLOW ASPECTS OF THESE DATA
SETS...PLEASE CONTACT THE NCEP/NCO/PMB DATAFLOW HELP DESK EMAIL
ADDRESS BELOW.

/USE LOWERCASE LETTERS FOR THE FOLLOWING PORTION OF THE EMAIL
ADDRESS BELOW/: /ATAFLOW/

EMAIL: NCEP.PMB.DATAFLOW@NOAA.GOV

THIS NOTICE AND OTHER TECHNICAL IMPLEMENTATION NOTICES ARE
AVAILABLE ONLINE 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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