

NOUS41 KWBC 181905 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 NWS PARTNERS...USERS AND EMPLOYEES

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

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

AMENDED TO REFLECT A DELAY IN THE IMPLEMENTATION OF THE CLIMATE FORECAST
SYSTEM /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 TWO MEMBERS TO THE CURRENT TWO MEMBERS FOR A TOTAL OF FOUR MEMBERS.
THE TWO 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 LOWER CASE/:

[FTP://FTPPRD.NCEP.NOAA.GOV/PUB/DATA1/NCCF/COM/CFS/PARA/FORECAST.YYYMMDD](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 /USE LOWER
CASE/:

[HTTP://CFS.NCEP.NOAA.GOV](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 LOWER CASE EXCEPT FOR THE SL...ST...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.FCST)
[FTP://TGFTP.NWS.NOAA.GOV/SL.US008001/ST.OPNL/MT.CFS.MR.CLIM](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 PRODUCT DEFINITION SECTION /PDS/ CONTENT IS EXPECTED.
- NEW MEMBERS WILL BECOME AVAILABLE ON THE DAY OF IMPLEMENTATION.

NCEP FILE TRANSFER PROTOCOL /FTP/ SERVER: /USE LOWER CASE/:

[FTP://FTPFRD.NCEP.NOAA.GOV/PUB/DATA1/NCCF/COM/CFS/PROD](ftp://FTPFRD.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 PRODUCT DEFINITION SECTION /PDS/ OF THE GRIDDED BINARY /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 MARYLAND
PHONE: 301-763-8000 X 7236
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 LOWER CASE FOR THE FOLLOWING PORTION OF THE EMAIL ADDRESS BELOW: /ATAFLOW/:

EMAIL: NCEP.PMB.DATAFLOW@NOAA.GOV

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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