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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](mailto: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](mailto: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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