

NOUS41 KWBC 101955  
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 08-04  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
255 PM EST THU JAN 10 2008

TO: SUBSCRIBERS:  
-FAMILY OF SERVICES  
-NOAA WEATHER WIRE SERVICE  
-EMERGENCY MANAGERS WEATHER INFORMATION NETWORK  
OTHER NWS PARTNERS, USERS AND NWS EMPLOYEES

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

SUBJECT: NOAA WAVE WATCH III MODEL GLOBAL GRIB OUTPUT  
MODIFICATION: EFFECTIVE FEBRUARY 19 2008

EFFECTIVE TUESDAY FEBRUARY 19 2008...WITH THE 1200 COORDINATED  
UNIVERSAL TIME /UTC/ RUN...THE NATIONAL CENTERS FOR ENVIRONMENTAL  
PREDICTION /NCEP/ WILL MODIFY THE GLOBAL OUTPUT GRIB2 FILE FROM  
THE NOAA WAVE WATCH III /NWW3/ MODEL.

SCIENTIFIC/TECHNICAL CHANGES:

THE DOMAIN OF THE GRID IS BEING EXTENDED FROM 78 N TO 90 N. FOR  
NOW THE DATA IN THE ADDITIONAL GRID POINTS WILL BE MARKED AS  
UNDEFINED. THE GRID POINTS WILL BE POPULATED WITH DATA AT A LATER  
NWW3 UPGRADE.

DATAFLOW CHANGES:

THE GRIB2 FILE WHICH WILL BE DIRECTLY IMPACTED RESIDES ON THE  
NCEP FTP SERVER AT THE LINK BELOW /USE ALL LOWER CASE LETTERS/.

FTP://FTPPRD.NCEP.NOAA.GOV/PUB/DATA/NCCF/COM/WAVE/PROD/  
WAVE.YYYMMDD/MULTI\_1.GLO\_30M.TCCZ.GRIB2

NOAAPORT CUSTOMERS DO NOT CURRENTLY RECEIVE THIS DATA SET HENCE  
NO IMPACT IS EXPECTED TO DATA RECEIVED BY NOAAPORT CUSTOMERS.

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 ALSO 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.

PARALLEL DATA SETS ARE AVAILABLE ON THE NCEP FTP SERVER AT THE

LINK BELOW. NCEP ENCOURAGES ALL USERS TO EVALUATE THESE DATA SETS TO ENSURE THAT THEIR SYSTEMS ARE PREPARED FOR THE UPCOMING CHANGE. /PLEASE USE LOWERCASE LETTERS/

[FTP://FTPPRD.NCEP.NOAA.GOV/PUB/DATA/NCCF/COM/WAVE/PARA](ftp://ftpprd.ncep.noaa.gov/pub/data/nccf/com/wave/para)

THE ENVIRONMENTAL MODELING CENTER /EMC/ HAS A PUBLICLY AVAILABLE WEB SITE WHICH CAN PROVIDE USERS MORE INFORMATION CONCERNING ALL NCEP MODELING SYSTEMS. /PLEASE USE LOWERCASE LETTERS/

[HTTP://WWW.EMC.NCEP.NOAA.GOV](http://www.emc.ncep.noaa.gov)

SPECIFIC INFORMATION REGARDING THE NEW WAVE MODEL IMPLEMENTATION CAN BE FOUND AT THE LINK BELOW: /PLEASE USE LOWERCASE LETTERS/

[HTTP://POLAR.NCEP.NOAA.GOV/WAVES/](http://polar.ncep.noaa.gov/waves/)

FOR QUESTIONS CONCERNING THE SCIENTIFIC CHANGES WITHIN THE MODELING SYSTEM...PLEASE CONTACT:

HENDRIK TOLMAN  
NCEP/EMC...CHIEF MARINE MODELING BRANCH  
CAMP SPRINGS MARYLAND  
PHONE: 301 763 8000 X7253  
EMAIL: HENDRIK.TOLMAN@NOAA.GOV

IF YOU HAVE ANY QUESTIONS CONCERNING THE DATAFLOW ASPECTS OF THIS IMPLEMENTATION...EMAIL THE NCEP/NCO/PMB DATAFLOW HELPDESK:

[NCEP.PMB.DATAFLOW@NOAA.GOV](mailto:NCEP.PMB.DATAFLOW@NOAA.GOV)

NWS 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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