

NOUS41 KWBC 211855  
PNSWSH

Technical Implementation Notice 10-64  
National Weather Service Headquarters Washington Dc  
154 PM EST Dec 21 2010

To: Subscribers:  
-Family of Services  
-NOAA Weather Wire Service  
-Emergency Managers Weather Information Network  
-NOAAPORT  
Other NWS Partners, Users and Employees

From: Tim McClung  
Chief, Science Plans Branch  
Office of Science and Technology (OST)

Subject: Upgrade Gulf Of Mexico Basin for the Extratropical  
Storm Surge Model: Effective February 1, 2011

Note: The following changes have no impact on NOAA Weather  
Wire Subscribers.

Effective Tuesday February 1 2011, beginning with the 1200  
Coordinated Universal Time (UTC) run, the NWS Meteorological  
Development Laboratory (MDL) will replace the Gulf of Mexico  
computational domain used by the extratropical storm surge model  
with a higher resolution version. The larger dimensions will  
cause an increase in production time by approximately 8 minutes.  
This will delay the dissemination of both the gridded and the  
text products for all the extratropical domains.

The products are available from:

- NWS telecommunications gateway
- NWS file transfer protocol (FTP) server (TGFTP)
- Ocean Prediction Center web pages
- National Digital Guidance Database (NDGD)
- MDL web pages

The WMO headings for the gridded product are:

WMO HEADING	REGION
LHU####KNHC	NDFD CONUS GRID
LHR####KNHC	NDFD ALASKA GRID

The #### in the WMO heading will be replaced by DHH where D is  
the day of the forecast (B = day 1...F=day 5. HH is the hour of  
day when the forecast is valid).

Links to the gridded products are as follows:

ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/gfs/prod/gfs.YYYYMMDDZ  
Z/grib2.mdlsurgegrid.ZZala

ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/gfs/prod/gfs.YYYYMMDDZ  
Z/grib2.mdlsurgegrid.ZZcon

Where YYYY is the four digit year, MM is the two digit month, ZZ  
is the two digit synoptic time; 00, 06, 12, or 18.

The NDGD location is:

<http://weather.noaa.gov/pub/SL.us008001/ST.expr/DF.gr2/DC.ndgd/GT.slosh/>

The WMO and AWIPS headings for the text products are:

WMO HEADING	AWIPS	REGION
FQUS23 KWNO	MRPSSE	EAST COAST
FQGX23 KWNO	MRPSSG	GULF OF MEXICO
FQPZ23 KWNO	MRPSSP	WEST COAST
FQAK23 KWNO	MRPSSB	BERING SEA
FQAC23 KWNO	MRPSSA	ARCTIC ALASKA
FQGA23 KWNO	MRPSSC	GULF OF ALASKA

The text products and additional information can be found at:

<http://www.weather.gov/mdl/etsurge/>

If you have any questions about these changes to the  
extratropical storm surge guidance...please contact:

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National Technical Implementation Notices are online at:

<http://www.weather.gov/os/notif.htm>

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