

NOUS41 KWBC 211854  
PNSWSH

Technical Implementation Notice 10-64  
National Weather Service Headquarters Washington DC  
154 PM EST Tue 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

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 webpages

The World Meteorological Organization (WMO) headings for the gridded  
product are:

WMO Heading	Region
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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.YYYYMMDDZZ/grib2.mdlsurgegrid.ZZala>

<ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/gfs/prod/gfs.YYYYMMDDZZ/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 headings and Advanced Weather Interactive Processing System (AWIPS) identifiers (IDs) for the text products are:

WMO Heading	AWIPS ID	Region
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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:

Arthur Taylor  
MDL/Silver Spring, MD  
301-713-1613, x 163  
[arthur.taylor@noaa.gov](mailto:arthur.taylor@noaa.gov)

National Technical Implementation Notices are online at:

<https://www.weather.gov/notification/archive>

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