

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:

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National Technical Implementation Notices are online at:

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

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