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PNSWSH

Technical Implementation Notice 15-07 Corrected
National Weather Service Headquarters Washington DC
1048 AM EST Tue Feb 24 2015

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

From: Timothy McClung
           Chief, Science Plans Branch
           Office of Science and Technology

Subject: Corrected: Changes to Identifier for GFS Track Guidance in ATCF
Output: Effective April 7, 2015

Corrected to clarify some wording and to mention that users who normally
retrieve Automated Tropical Cyclone Forecast (ATCF) files from servers at
National Hurricane Center (NHC), Central Pacific Hurricane Center (CPHC)
and Joint Typhoon Warning Center (JTWC) will not be affected by this
change.

Effective April 7, 2015, beginning with the 1200 Coordinated Universal
Time (UTC) run, the National Centers for Environmental Prediction (NCEP)
will modify the 4-character identifier used to represent the Global
Forecast System (GFS) within the text tropical cyclone tracker output
files. These files are in the format used by the NHC ATCF system.

This change eliminates the usage of the obsolete naming related to the
Aviation (AVN) model, since that model has been known as the Global
Forecast System (GFS) for the last 10 years. There are no scientific
changes being made to the tracker algorithm that produces these tropical
cyclone text messages for the GFS. This change will modify the 4-
character model identifier from AVNO to GFSO within the ATCF-format text
output file.

Product Changes:
The ATCF-format text output file is available on the NWS servers via the
following URLs (YYYYMMDD is the year, month and day; CC is the cycle):

ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/MT.gfs_CY.CC/RD.YYYYMMDD/PT.t
ext_GP.tratcf/cyclone.trackatcf
http://weather.noaa.gov/pub/SL.us008001/ST.opnl/MT.gfs_CY.CC/RD.YYYYMMDD/P
T.text_GP.tratcf/cyclone.trackatcf

The 4-character model ID will be changed from AVNO to GFSO inside of text
files on the above NWS servers.

There will be no increase in product size.

IMPORTANT: For customers who normally retrieve ATCF files from servers at NHC, CPHC or JTWC, this change will NOT affect the IDs in your files. NHC, CPHC and JTWC will continue to post ATCF files to their servers that retain the current AVNO ID. The related interpolated ATCF guidance that NHC, CPHC and JTWC provide in those ATCF files will retain the current IDs: AVNI and AVN2. There are no plans for NHC, CPHC or JTWC to modify the ID current names: AVNO/AVNI/AVN2.

More details about the Geophysical Fluid Dynamics Laboratory (GFDL) vortex tracker are available at:

http://www.emc.ncep.noaa.gov/gmb/tpm/emchurr/marchok_HFIP_tracker_scientific_doc_july_2014.pdf

For questions regarding this product change, please contact:

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National Technical Implementation Notices are online at:

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