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PNSWSH

Technical Implementation Notice 15-07  
National Weather Service Headquarters Washington DC  
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From: Timothy McClung  
Science Plans Branch Chief  
Office of Science and Technology

Subject: Changes to identifier for GFS track guidance in ATCF  
output: Effective April 7, 2015

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 Automated Tropical Cyclone Forecast (ATCF) text output file.

The purpose of this change is to eliminate the usage of the obsolete naming related to the Aviation (AVN) model. The AVN has been known as the Global Forecast System (GFS) for the last 10 years. There are no scientific changes being made at this time to the tracker algorithm which produces these tropical cyclone text messages for the GFS. The substance of this change will be to modify the 4-character model identifier from AVNO to GFSO within the ATCF output file.

#### Product Changes:

The ATCF 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.text\\_GP.tratcf/cyclone.trackatcf](ftp://tgftp.nws.noaa.gov/SL.us008001/ST.opnl/MT.gfs_CY.CC/RD.YYYYMMDD/PT.text_GP.tratcf/cyclone.trackatcf)

[http://weather.noaa.gov/pub/SL.us008001/ST.opnl/MT.gfs\\_CY.CC/RD.YYYYMMDD/PT.text\\_GP.tratcf/cyclone.trackatcf](http://weather.noaa.gov/pub/SL.us008001/ST.opnl/MT.gfs_CY.CC/RD.YYYYMMDD/PT.text_GP.tratcf/cyclone.trackatcf)

The 4-character model ID inside of text files will be changed from AVNO to GFSO. There will be no increase in product size. More details about the Geophysical Fluid Dynamics Laboratory vortex tracker are available at:

[http://www.emc.ncep.noaa.gov/gmb/tpm/emchurr/marchok\\_HFIP\\_tracker](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:

Timothy Marchok  
GFDL/NOAA  
Princeton, NJ  
Phone: 609-452-6534  
timothy.marchok@noaa.gov

For questions regarding the data flow aspects, please contact:

Carissa Klemmer  
NCEP/NCO Dataflow Team  
College Park, MD  
301-683-0567  
ncep.list.pmb-dataflow@noaa.gov

NWS National Technical Implementation Notices are online at:

<http://www.nws.noaa.gov/os/notif.htm>

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