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PNSWSH

Service Change Notice 17-71
National Weather Service Headquarters Silver Spring MD
1130 AM EDT Tue Jun 13 2017

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

From: Dave Myrick
 NWS Office of Science and Technology Integration

Subject: Discontinue Hurricane Wave (multi_2) Model: Effective July 11,
2017

Effective on or about July 11, 2017, beginning with the 1200 Coordinated Universal Time (UTC) run, the National Centers for Environmental Prediction (NCEP) will discontinue the Hurricane Wave (Multi_2) Model and all output. This includes NOAAPort and NCEP Web services.

NCEP solicited comments on the proposed discontinuation of the Hurricane Wave modeling system under Public Information Statement (PNS) 17-06. The proposal was to replace these products with higher-quality data generated by the next coupled Hurricane Weather Research and Forecasting (HWRF) system. NCEP received no negative feedback so we will proceed with this change.

https://www.weather.gov/media/notification/pdfs/pns17-06hurricane_wave.pdf

The difference between the two global wave guidance systems (Multi_1 and Multi_2) are that Multi_1 runs using just the Global Forecast System (GFS) forcings, while Multi_2 runs using a blend of HWRF and GFS forcings. The hurricane winds are interpolated from the atmospheric domains to the wave domains. When there is not an active tropical system, the Multi_2 is forced by the GFS winds and therefore the Multi_2 output is identical to the Multi_1 output.

All output under the following NCEP web service directories will be discontinued:

http://nomads.ncep.noaa.gov/pub/data/nccf/com/wave/prod/multi_2.YYYYMMDD/
http://www.ftp.ncep.noaa.gov/data/nccf/com/wave/prod/multi_2.YYYYMMDD/
ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/wave/prod/multi_2.YYYYMMDD/

Where YYYYMMDD is year, month, and day.

All output on NOAAPort/SBN with the following World Meteorological Organization (WMO) header string matches will be discontinued:

E***88 KWBU for gridded GRIB2 products

AG**4* KWBC for text bulletins

For an entire list of WMO headers, please use the respective links below:

http://www.nco.ncep.noaa.gov/pmb/changes/docs/multi_2_grib2.txt
http://www.nco.ncep.noaa.gov/pmb/changes/docs/multi_2_bulls.txt

For questions regarding these model changes, please contact:

Arun Chawla
Acting Chief, Engineering and Implementation Branch
College Park, MD
301-683-3740
arun.chawla@noaa.gov

For questions regarding the data flow aspects of these data sets, please contact:

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

National Service Change Notices are online at:

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

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