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PNSWSH

Service Change Notice 17-68
National Weather Service Headquarters Silver Spring MD
350 PM EDT Fri Jun 9 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: Upgrade to Global (multi_1) Wave Model Point Data
on NOAAPORT and Web Services: Effective July 19, 2017

Effective on or about Wednesday, July 19, 2017, beginning with the 1200 Coordinated Universal Time (UTC) run, the National Centers for Environmental Prediction (NCEP) will upgrade the Global Wave Model to update existing buoy points and add new ones on both NOAAPORT and NCEP web services.

NOAAPORT/SBN Data Point Additions:
The point output data from the multi_1 model are being expanded to include new points. For the detailed list of the coordinates, station names and corresponding WMO headers view Table 1 in the PDF below:

http://www.nco.ncep.noaa.gov/pmb/changes/docs/Multi_1_table_2017.pdf

The following changes only apply to products available on the NCEP dissemination sites:
http://nomads.ncep.noaa.gov/pub/data/nccf/com/wave/prod/
ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/wave/prod/
http://www.ftp.ncep.noaa.gov/data/nccf/com/wave/prod/

Boundary Data Point Addition:
The point output data for applications, such as downstream boundary conditions, delivered from output of the multi_1 model are being modified to add user-requested points. For the detailed list of the coordinates, station names of the excluded points see Table 2 in the PDF above.

Boundary Data Point Removal:
The point output data for applications, such as downstream boundary conditions, delivered from output of the multi_1 model are being modified to remove redundant or obsolete points. For the detailed list of the coordinates, station names of the excluded points see Table 3 in the PDF above.

These changes apply to file names on the NCEP web services with

the following pattern:
 1. multi_1.YYYYMMDD/bulls.tCCz/*
 2. multi_1.YYYYMMDD/[akw|enp|wna|nww3].tCCz.FILE
Where FILE is: bull_tar; cbull_tar; csbull.tar and spec_tar.gz
Where YYYY is year, MM is month, DD is day, and CC is cycle

Sample data feed is available here:
ftp://polar.ncep.noaa.gov/waves/ftp_m1grib/multi_1.latest_run/

Details about the NCEP Multi-grid Wave Model are online at:
http://polar.ncep.noaa.gov/waves/index2.shtml

Any questions, comments or requests regarding this implementation should be directed to the contacts below. We will review any feedback and decide whether to proceed.

For questions regarding these model changes, please contact:

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

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National Service Change Notices are online at:

http://www.weather.gov/om/notif.htm

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