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PNSWSH

Public Information Statement 20-33
National Weather Service Headquarters Silver Spring MD
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To: Subscribers:
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 -Emergency Managers Weather Information Network
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From: Jason Levit
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 NCEP/Environmental Modeling Center

Subject: Soliciting Public Comments on the Removal of
 Products from the Global Wave Deterministic
 Forecast System (Multi_1) through June 13, 2020

The National Centers for Environmental Prediction (NCEP) is soliciting comments on removing certain products from the Global Wave Deterministic Forecast System (Multi_1) through June 13, 2020. The products listed below are forecast data produced by the Multi_1 wave model. These changes will occur when the next version of Multi_1 becomes part of the coupled global atmosphere-wave forecast system GFS, Version 16, and is implemented into operations, tentatively scheduled for January 2021.

Products will be removed from NCEP Web Services, including NOMADS grib filter, OpenDAP, FTP, TGFTP and SBN/NOAAPORT.

A. Changes to FTP, NOMADS, and OpenDAP

Affected data is found at:

ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/wave/prod/multi_1.YYYYMMDD/

https://nomads.ncep.noaa.gov/pub/data/nccf/com/wave/prod/multi_1.YYYYMMDD/

Data and files from the following list will be removed. Note that CC refers to all cycles and fHHH to all forecast hours.

1) All products from legacy grids awk, enp, wna, nww3, wam:

akw.tCCz.bull_tar
akw.tCCz.cbull_tar
akw.tCCz.csbull_tar
akw.tCCz.grib
akw.tCCz.grib.grib2
akw.tCCz.spec_tar.gz
enp.tCCz.bull_tar
enp.tCCz.cbull_tar
enp.tCCz.csbull_tar
enp.tCCz.grib
enp.tCCz.grib.grib2
enp.tCCz.outgrd
enp.tCCz.spec_tar.gz
multi_1.akw.tCCz.grib2
multi_1.enp.tCCz.grib2
multi_1.nww3.tCCz.grib2
multi_1.wna.tCCz.grib2
nww3.tCCz.bull_tar
nww3.tCCz.cbull_tar
nww3.tCCz.csbull_tar
nww3.tCCz.grib
nww3.tCCz.grib.grib2
nww3.tCCz.spec_tar.gz
wam.tCCz.grib
wna.tCCz.bull_tar
wna.tCCz.cbull_tar
wna.tCCz.csbull_tar
wna.tCCz.grib
wna.tCCz.grib.grib2
wna.tCCz.spec_tar.gz

2) Wave steepness files will be removed because this parameter can be reconstructed directly from wave heights and periods available in grib2 data:

```
multi_1.wstp.ak_10m.tCCz.fHHH.grib2
multi_1.wstp.ak_4m.tCCz.fHHH.grib2
multi_1.wstp.at_10m.tCCz.fHHH.grib2
multi_1.wstp.at_4m.tCCz.fHHH.grib2
multi_1.wstp.ep_10m.tCCz.fHHH.grib2
multi_1.wstp.glo_30mext.tCCz.fHHH.grib2
multi_1.wstp.glo_30m.tCCz.fHHH.grib2
multi_1.wstp.wc_10m.tCCz.fHHH.grib2
multi_1.wstp.wc_4m.tCCz.fHHH.grib2
multi_1.wstp.akw.tCCz.grib2
multi_1.wstp.enp.tCCz.grib2
multi_1.wstp.nww3.tCCz.grib2
multi_1.wstp.wna.tCCz.grib2
```

3) All 4-arcmin gridded data will be removed:

```
multi_1.ak_4m.tCCz.fHHH.grib2
multi_1.at_4m.tCCz.fHHH.grib2
multi_1.wc_4m.tCCz.fHHH.grib2
```

NOTE: These coastal grids are replaced by data provided by NCEP's coastal wave models.

4) The Alaska 10-arcmin data will be removed, replaced by a full Arctic 9km dataset:

```
multi_1.ak_10m.tCCz.fHHH.grib2
```

5) Binary forcing files will be removed as these will be deprecated by virtue of wave model inputs being provided without files via coupled system:

```
multi_1.icean_5m.tCCz.ice
multi_1.gfs_30m.tCCz.wind
```

6) CSV bulletins will be removed (regular and compressed bulletins remain available)

multi_1.tCCz.csbull_tar

B. SBN/NOAAPORT

The following files will be removed from NOAA's SBN/NOAAPORT service:

Header	File Info
E#F#88 KWBJ	Alaskan Waters Forecast zone - 4m
AG##4# KWBJ	Alaskan Waters Region
O#N#88 KWBJ	Alaskan Waters Region
E#H#88 KWBJ	Atlantic Ocean Forecast zone - 4m
AG##4# KWBJ	Eastern North Pacific Region
O#Q#88 KWBJ	Eastern North Pacific Region
AG##4# KWBJ	Global NOAA WAVEWATCH III
O#J#88 KWBJ	Global NOAA WAVEWATCH III
E#G#88 KWBJ	West Coast Forecast Zone - 4m
AG##4# KWBJ	Western North Atlantic Region
O#M#88 KWBJ	Western North Atlantic Region
EWE#88 KWBJ	Wave Steepness Alaskan Waters Forecast zone - 10m
EFW#88 KWBJ	Wave Steepness Alaskan Waters Forecast zone - 4m
EWB#88 KWBJ	Wave Steepness Atlantic Ocean Forecast zone - 10m
EWH#88 KWBJ	Wave Steepness Atlantic Ocean Forecast zone - 4m
EWD#88 KWBJ	Wave Steepness Eastern Pacific Forecast zone - 10m
EWA#88 KWBJ	Wave Steepness Global Forecast Zone - 30m
EWC#88 KWBJ	Wave Steepness West Coast Forecast Zone - 10m
EWG#88 KWBJ	Wave Steepness West Coast Forecast Zone - 4m
H[HKLUV][ABCD][CEIK]9[38] KWBC	OPC FOS Global Wave
QJAA88 KWBC	Gulf Wave
O#N#88 KWBJ	Alaskan Waters Legacy
O#Q#88 KWBJ	Eastern Pacific Legacy
O#J#88 KWBJ	Global NWW3 Legacy
O#M#99 KWBJ	Western North Atlantic Legacy

If product removal is approved, a Service Change Notice will be issued giving 30 days of notice of the termination date.

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.

Send comments on this proposal to:

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For questions on the data flow aspects, contact:

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National Public Information Statements are online at:
<https://www.weather.gov/notification/>

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