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PNSWSH

Public Information Statement 20-17
National Weather Service Headquarters Silver Spring MD
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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 Forecast System (GFS)
 through April 30, 2020

The National Centers for Environmental Prediction (NCEP) is soliciting comments on the removal of certain products from the Global Forecast System (GFS) through April 30, 2020.

These changes are proposed to occur when the next version of the GFS, version 16, is implemented into operations, tentatively scheduled for February 2021.

The following products will be removed from NCEP Web Services, including NOMADS "grib filter," OpenDAP, FTP, TGFTP and SBN/NOAAPORT:

For FTP, NOMADS and OpenDAP, the following will be changed:

ftp://ftp.ncep.noaa.gov/data/nccf/com/gfs/prod
https://nomads.ncep.noaa.gov/pub/data/nccf/com/gfs/prod

Parameters 5 wave height(5WAVH) and filtered Shuell SLP (PRMSL) will be removed from:

- gdas.YYYYMMDD/CC/gdas.tCCz.pgrb2.0p25.f*
- gdas.YYYYMMDD/CC/gdas.tCCz.pgrb2.1p00.f*
- gfs.YYYYMMDD/CC/gfs.tCCz.pgrb2.0p25.f*
- gfs.YYYYMMDD/CC/gfs.tCCz.pgrb2.0p50.f*
- gfs.YYYYMMDD/CC/gfs.tCCz.pgrb2.1p00.f*

Lifted Index (LFTX) parameter will be removed from:

- gdas.YYYYMMDD/CC/gdas.tCCz.sfluxgrbf*
- gfs.YYYYMMDD/CC/gfs.tCCz.sfluxgrbf*

Where YYYYMMDD is the initialization year, month, and day, and CC is the model cycle (00, 06, 12, and 18 UTC)

The gfs.tCCz.goessimpgrb2.1p00.f* files and simulated GOES 12

and 13 products in gfs.tCCz.goessimpgrb2f* will be replaced by new simulated GOES 16 and 17 products to be implemented with GFS version 16. The 5 wave height and filtered Shuell Sea Level Pressure products are legacy products that were heavily filtered to smooth out terrain noise but have caused confusion due to their inconsistency with corresponding wind fields. Therefore, EMC will remove 5 wave height products while replacing filtered Shuell Sea Level Pressure with the unfiltered one with the same variable name (PRMSL). The Lifted Index product can be found in commonly used corresponding gdas and gfs pressure Grib files.

- U and V winds and temperature in legacy bulletin format will be removed for select levels based on an existing agreement with the NOAA Aviation Weather Center (see link below for headers).
- The 5 wave height (5WAVH) legacy variable will be removed from AWIPS products 20km grids (CONUS, Alaska, Puerto Rico, Pacific region) and LAT/LON 1.0 degree grid (see link below for headers).

All WMO headers proposed for removal are listed here:
https://www.nco.ncep.noaa.gov/pmb/changes/gfsv16_removal_grids.shtml

Send comments on this proposal to:

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For questions on the data flow aspects please contact:

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

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