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Public Information Statement 22-46
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From: Jason Levit
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Subject: Soliciting Public Comments on Changes to Products Produced from
the Global Forecast System (GFS) through August 17, 2022

The National Centers for Environmental Prediction (NCEP) is seeking
comments on changes to products produced from the Global Forecast System
(GFS) through August 17, 2022.

The first change involves renaming and removing various World Aviation
Forecast System (WAFS) products currently on the NOAA Operational Model
Archive and Distribution System (NOMADS) as follows:

Rename 0.25 degree WAFS hazard data files on NOMADS from:
https://nomads.ncep.noaa.gov/pub/data/nccf/com/gfs/prod/gfs.YYYYMMDD/CC/atmos/gfs.tCCz.wafs_0p25.fFFF.grib2

to:

https://nomads.ncep.noaa.gov/pub/data/nccf/com/gfs/prod/gfs.YYYYMMDD/CC/atmos/gfs.tCCz.awf_0p25.fFFF.grib2

Remove the following WAFS files from NOMADS:

- 0.25 degree WAFS U.S. unblended hazard data:

https://nomads.ncep.noaa.gov/pub/data/nccf/com/gfs/prod/gfs.YYYYMMDD/CC/atmos/gfs.tCCz.wafs_0p25_unblended.fFF.grib2

- GFS 1.25 degree files with U/V/T/RH/H on several vertical coordinates:

https://nomads.ncep.noaa.gov/pub/data/nccf/com/gfs/prod/gfs.YYYYMMDD/CC/atmos/gfs.tCCz.wafs_grb45fFF.grib2

The 0.25 degree WAFS U.S. unblended hazard data will be removed from
NOMADS and disseminated to the UK Met Office via a restricted access ftp
due to an agreement with the UK Met office. The GFS 1.25 degree files
with U/V/T/RH/H on several vertical coordinates are removed from NOMADS
following the International Civil Aviation Organization (ICAO) schedule to
retire 1.25 degree WAFS files soon after the 0.25 degree WAFS files became
available.

The second change involves moving, renaming, and removing several GFS precipitation forecast products on NOMADS as follows:

Move and rename the 0.25 degree Working Group on Numerical Experimentation ("wgne") GFS accumulated precipitation forecast files on NOMADS:

<https://nomads.ncep.noaa.gov/pub/data/nccf/com/verf/prod/precip.YYYYMMDD/wgnegfs.YYYYMMDDHH.000.FFF.grb2>

to:

<https://nomads.ncep.noaa.gov/pub/data/nccf/com/gfs/prod/gfs.YYYYMMDD/HH/atmos/gfs.tHHz.wgne.fFFF>

No changes will be made to the content of the 0.25 degree "wgne" GFS accumulated precipitation forecast files. 0.25 degree "wgne" GFS accumulated precipitation forecast files from each GFS cycle (00, 06, 12 and 18 UTC) will continue to be available every three hours (F003 to F180).

Remove 3-hour precipitation forecast skill score VSDB files from NOMADS:

<https://nomads.ncep.noaa.gov/pub/data/nccf/com/verf/prod/precip.YYYYMMDD/vsdb3.YYYYMMDD.tar>

Remove 24-hour precipitation forecast skill score verification statistics database (VSDB) files from NOMADS:

<https://nomads.ncep.noaa.gov/pub/data/nccf/com/verf/prod/precip.YYYYMMDD/vsdb24.YYYYMMDD.tar>

The two VSDB files are being removed since the user of these files indicated that the data they produce are no longer needed.

If these product changes are approved, a Service Change Notice (SCN) will be issued giving 30 days of notice of the termination date. The SCN notice will contain information on the binary data that will be removed from NOMADS/NCEP Web Services, tgftp, and the Satellite Broadcast Network (SBN)/NOAAPort.

If you have comments regarding changes to model products, please contact:

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If you have comments regarding 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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