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PNSWSH

Technical Implementation Notice 16-35
National Weather Service Headquarters Washington DC
1020 AM EDT Thu Sep 15 2016

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From: Timothy McClung, Portfolio Manager
 Office of Science and Technology Integration

Subject: GPS-PW Changes on NCEP Servers: Effective Sept 27, 2016

This notification is a follow up to Service Change Notice (SCN) 16-19. Earth System Research Laboratory (ESRL)/Global Systems Division (GSD) currently produces Global Positioning System (GPS) Precipitable Water (PW) output that is publicly available.

Starting September 30, 2016, GSD will no longer create these files. Thus, beginning on Tuesday, September 27, 2016, NOAA will instead begin obtaining the newly restricted data from a private vender for continued model assimilation. Included within the NCEP models are the GSD GPW-PW Binary Universal Form for the Representation (BUFR) dump files:

Global Forecast System (GFS)
Global Data Assimilation System (GDAS)

Beginning with the 12z cycle on September 27, the following changes to the GFS and GDAS can be expected:

- The following files will no longer be available from
nomads.ncep.noaa.gov
ftp.ncep.noaa.gov ftpprd.ncep.noaa.gov
/com/gfs/prod/gfs.YYYYMMDDCC/gfs.tCCz.gpsipw.tm00.bufr_d
/com/gfs/prod/gdas.YYYYMMDD/gdas1.tCCz.gpsipw.tm00.bufr_d Where
YYYYMMDD is Year, Month, Day and CC is cycle

- A new file will be available and only contain international reports of GPS-PW with name:
/com/gfs/prod/gfs.YYYYMMDDCC/gfs.tCCz.gpsipw.tm00.bufr_d.nr
/com/gfs/prod/gdas.YYYYMMDDCC/gdas1.tCCz.gpsipw.tm00.bufr_d.nr

If you have any further questions about these changes, please reference the original SCN 16-19:

[https://www.weather.gov/media/notification/pdfs/scn16-19gps met.pdf](https://www.weather.gov/media/notification/pdfs/scn16-19gps_met.pdf)

If you have any NCEP data questions, contact:

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National NWS Technical Implementation Notices are available at:

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

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