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PNSWSH

Service Change Notice 20-74
National Weather Service Headquarters Silver Spring MD
1005 AM EDT Thu Aug 20 2020

To: Subscribers:
 -NOAA Weather Wire Service
 -Emergency Managers Weather Information Network
 -NOAAPort
 Other NWS Partners, Users and Employees

From: Brian Gross
 Acting Director
 National Centers for Environmental Prediction

Subject: Notification of Timing Changes of All Model Data onto NCEP Web
Services: Effective September 23, 2020

Effective on or about Wednesday, September 23, 2020, beginning with the 1200 Coordinated Universal Time (UTC) cycle of the Global Ensemble Forecast System (GEFS), NCEP will implement changes that will impact model data output arrival times on the NOAA Operational Model Archive and Distribution System (NOMADS)/ftpprd Web Services. As well, the GEFSv12 upgrade will cause models that use GEFS products for initialization to experience delays.

A. Quality of Service (QoS) changes

With the GEFSv12 upgrade, NCEP will implement changes that affect the timing of when all model data is made available to the NOMADS and NCEP's File Transfer Protocol (FTP) data dissemination websites. Due to the large increase in data volumes related to the GEFS, we are forced to implement these service changes. This change is an enterprise solution to manage our infrastructure and provide the best level of customer service to our users.

Websites affected are:
<https://nomads.ncep.noaa.gov/>
<https://ftp.ncep.noaa.gov/>
<ftp://ftp.ncep.noaa.gov/>

These changes will primarily affect models arriving on NCEP web services in these approximate timeframes:

03Z - 06Z
09Z - 12Z
15Z - 18Z
21Z - 00Z

Additional effects may be noticed outside of these time windows as well.

Data going to other dissemination sources, such as the Advanced Weather Interactive Processing System (AWIPS), the Satellite Broadcast Network (SBN/NOAAPort), and the NWS FTP servers (TGFTP) will not be affected.

B. Timing changes to models directly related to the GEFSv12 upgrade

Due to timing changes with the GEFSv12 upgrade, as laid out in its own SCN, the following downstream models will have timing changes across all dissemination channels including SBN/NOAAPort, AWIPS, and NCEP and NWS web services (NOMADS/FTPFRD and TGFTP).

Ensemble Tracker: up to 73 minutes later:

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

North American Ensemble Forecast System (NAEFS): up to 71 minutes later:

<https://nomads.ncep.noaa.gov/pub/data/nccf/com/naefs/prod/>
<ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/naefs/prod/>

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

For questions on this change, contact:

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National Service Change Notices are online at:

<https://www.weather.gov/notification/>

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