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PNSWSH

Service Change Notice 21-21 Updated
National Weather Service Headquarters Silver Spring MD
200 PM EDT Thu Mar 18 2021

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

FROM: Mike Farrar
 Director
 National Centers for Environmental Prediction

SUBJECT: Updated: Notification of dissemination changes of
 models downstream of the GFS due to the GFSv16 upgrade
 Effective March 22, 2021

Updated to reflect delay in implementation date to Monday, March
22 due to Critical Weather Day.

Effective on or about March 22, 2021, beginning with the 1200
Coordinated Universal Time (UTC) cycle of the Global Forecast
System (GFS), models that use GFS products for initialization
will experience delays associated with the upgrade to GFS V16.

Due to timing changes with the GFSv16 upgrade, which are laid
out in its own SCN, the following downstream models will have
timing changes across all dissemination channels including
AWIPS, Satellite Broadcast Network(SBN)/NOAAPort, and NCEP and
NWS web services (NOMADS, NOMADS GDS, NOMADS grib filter, FTPPRD
and TGFTP).

Ensemble Tracker: up to 16 min 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/

Extra-Tropical Storm Surge (ETSS): up to 10 min later

<https://nomads.ncep.noaa.gov/pub/data/nccf/com/etss/prod/>
<ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/etss/prod/>
<https://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndgd/GT.etss/>

Probabilistic Extra-Tropical Storm Surge (P-ETSS) model: up to 8 min later

<https://nomads.ncep.noaa.gov/pub/data/nccf/com/petss/prod/>
<ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/petss/prod/>
<https://tgftp.nws.noaa.gov/SL.us008001/ST.expr/DF.gr2/DC.ndgd/GT.petss/>

Global Ensemble Forecast System (GEFS): up to 8 min later

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

Global Forecast System-Model Output Statistics (GFS MOS): up to 15 min later

<https://tgftp.nws.noaa.gov/SL.us008001/DF.gr1/DC.mos/>
<ftp://tgftp.nws.noaa.gov/SL.us008001/DF.gr1/DC.mos/>

Hurricanes in a Multi-scale Ocean-coupled Non-hydrostatic model (HMON): up to 8 min later

Hurricane Weather Research and Forecasting model (HWRF): up to 10 min later

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

Hybrid Single-Particle Lagrangian Integrated Trajectory model (HySPLIT): up to 21 min later

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

North American Ensemble Forecast System (NAEFS): up to 8 min later

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

National Blend of Models (NBM): GFS MOS input for the 0600 UTC and 1800 UTC NBM runs will now contain 12 hour older GMOS runs; they will update the next hour with 0700 UTC and 1900 UTC NBM. Available on the SBN/NOAAPort and NOMADS/ftpprd -

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

National Water Model (NWM): up to 11 min later

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

Global Real-Time Ocean Forecast System (Global RTOFS): Some datasets are 15 min later, some up to 55 min earlier

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

Short Range Ensemble Forecast (SREF): up to 8 min later

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

Imagery on the Model Analysis and Guidance (MAG) site: up to 12 min later

<https://mag.ncep.noaa.gov/>

Some international products on the Climate Prediction Center (CPC) web site: up to 20 min later

<https://www.cpc.ncep.noaa.gov/products/international/>

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 Weather Service Change Notices are online at:

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

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