

NOUS41 KWBC 101920
PNSWSH

Service Change Notice 21-21
National Weather Service Headquarters Silver Spring MD
320 PM EST Wed Feb 10 2020

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: Notification of dissemination changes of models
 downstream of GFS due to GFSv16 upgrade effective
 March 17, 2021

Effective on or about March 17, 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 SCN21-20:

https://www.weather.gov/media/notification/pdf2/scn21-20gfs_v16.0.pdf

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/>

Please direct questions, comments, or requests regarding this implementation 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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