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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
[Service Change Notice \(SCN\) 21-20](#), the following downstream models will
have timing changes across all dissemination channels including the
Advanced Weather Interactive Processing System (AWIPS), Satellite
Broadcast Network (SBN)/NOAAPort, and NCEP and NWS web services (NOAA
Operational Model Archive and Distribution System (NOMADS), NOMADS GDS,
NOMADS grib filter, FTPPRD and TGFTP):

Ensemble Tracker: up to 16 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/

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

Hurricane Weather Research and Forecasting model (HWRF): up to 10 minutes 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 minutes 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 minutes 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 minutes 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 minutes later; some up to 55 minutes 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 minutes 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 minutes later:

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

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