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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/

Extra-Tropical Storm Surge (ETSS): up to 10 min later
Probabilistic Extra-Tropical Storm Surge (P-ETSS) model: up to 8 min later
https://nomads.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/

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/

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

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 -
National Water Model (NWM): up to 11 min later
https://nomads.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/

Short Range Ensemble Forecast (SREF): up to 8 min later
https://nomads.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/

NNNN