

NOUS41 KWBC 181150  
PNSWSH

Service Change Notice 17-94  
National Weather Service Headquarters Silver Spring MD  
750 AM EDT Fri Aug 18 2017

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

From:         Dave Myrick  
              NWS Office of Science and Technology Integration

Subject: Update NWM Processing of Streamflow Observations: Effective  
August 22, 2017

Effective on or about August 22, 2017, beginning with the 1300 Coordinated Universal Time (UTC) cycle, the National Centers for Environmental Prediction (NCEP) will update the National Water Model (NWM) data pre-processing scripts to address an issue impacting the model's use of U.S. Geological Survey (USGS) streamflow observations.

Currently, the NWM system only searches in the current day's directory for streamflow observations to assimilate. With this change, the model will now ingest observations up to three hours into the previous day (as originally intended). The change will increase the accuracy of NWM analysis cycle streamflow near observation locations, especially within the 00 UTC cycle.

Users will see the output changes in the following files on the NCEP Web services:

<http://nomads.ncep.noaa.gov/pub/data/nccf/com/nwm/prod/nwm.YYYYYM MDD/>  
<ftp://ftp.ncep.noaa.gov/pub/data/nccf/com/nwm/prod/nwm.YYYYYMMDD>  
[www.ftp.ncep.noaa.gov/data/nccf/com/nwm/prod/nwm.YYYYYMMDD](http://www.ftp.ncep.noaa.gov/data/nccf/com/nwm/prod/nwm.YYYYYMMDD)

Where YYYYYMMDD is year, month and day.

The change only impacts the following channel-type output files (other file types remaining unchanged):

analysis\_assim/\*channel\_rt\*conus.nc  
short\_range/\*channel\_rt\*conus.nc  
medium\_range/\*channel\_rt\*conus.nc  
long\_range\_mem/\*channel\_rt\*conus.nc

Questions, comments or requests regarding this change should be directed to the contacts below. We will review any feedback and decide whether to proceed.

For questions regarding these changes, please contact:

Brian Cosgrove  
OWP/Analysis and Prediction Division  
Silver Spring, MD  
[brian.cosgrove@noaa.gov](mailto:brian.cosgrove@noaa.gov)

or

Carissa Klemmer  
NWS/NCEP Central Operations Dataflow Team Lead  
College Park, MD  
[ncep.list.pmb-dataflow@noaa.gov](mailto:ncep.list.pmb-dataflow@noaa.gov)

National Service Change Notices are online at:

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

NNNN