August 28, 2014

MEMORANDUM FOR: Distribution Email

FROM: Chris Caruso Magee
Configuration Manager, NCEP Central Operations

SUBJECT: Scheduled Operational Changes and Upgrades

The following accelerated items were implemented this past week:

RFC #333: OFS_ATL.v2.4.4 - An emergency fix was put in to prevent the RTOFS Atlantic analysis job from hanging due to very large amounts of fresh water runoff. Completed at 1310Z on August 23, 2014.

The following will be implemented on September 2, 2014:

RFC #334: OFS_ATL.v2.4.5 – Around 1230Z, a permanent fix will be implemented to prevent the RTOFS Atlantic analysis and forecast jobs from hanging due to very large amounts of fresh water runoff. The GISS vertical diffusivity/viscosity parameterization was changed to enforce that the range of values of some parameters is acceptable, and to keep the values of some indices local to each processor/thread.

RFC #335: GFS.v11.1.11 - Around 12Z, stop alerting GFS 0.5 degree sgrb2 products.

RFC #336: AMSU_estimation.v1.1.1 - Around 12Z, correct a bug in the AMSU estimation script which is preventing the job from created output needed by NHC.

RFC #337: GLW.v3.2.4 - Around 12Z, modify commands used by one of the Great Lakes Wave model scripts that sort a file used to transmit information about the wind type used and the available wind files. This change will ensure the file is consistently sorted across environments.

RFC #338: Around 12Z, consolidate ingest suites in ecFlow and have them use an ecFlow cron trigger instead of a time trigger, to ensure the ingest jobs requeue correctly.

RFC #339: Around 14Z, allow new RSA appliances to log to the NCO syslog1 server.

RFC #340: Around 12Z, send a parallel feed of all models from the Boulder Diskserver to the new Netapp disk space on the Boulder NOAA Operational Model Archive and Distribution System (NOMADS).

RFC #342: PSURGE.v2.3.2 – Around 12Z, the priority order of dissemination of some products produced by the Probabilistic Storm Surge (PSURGE) model is being changed at users' request.

RFC #343: Around 13Z, change the RHEL 6 workstation baseline to allow users to reboot their workstation remotely and manage NoMachine users.

The following will be implemented on September 3, 2014:

RFC #344: Around 13Z, create a new vlan on the NHC routers for their AWIPS2 traffic.

RFC #345: wsr88d_level2.v3.0.0 - Around 1230Z, update the radar level 2 decoder to begin decoding Supplemental Adaptive Intra-Volume Low-Level Scan (SAILS) data and store this data in the NCEP BUFR observational database.

RFC #346: Around 12Z, modify the NOMADS control files for bias-corrected GFS ensembles (GEFS) to fix a bug that incorrectly calls the date function due to a spelling error. Also modify the NOMADS control files for the North American Ensemble Forecast System (NAEFS) that incorrectly calls the file name due to a spelling error.

RFC #347: Around 12Z, modify the DBNet cron to add a call to a new script to begin pulling Great Lakes ice concentration files. EMC requires these files for a future Great Lakes Wave model upgrade.

---- OPERATIONAL ANNOUNCEMENTS ----

1. The WCOSS Implementation Standards are available at http://www.nco.ncep.noaa.gov/pmb/docs/. Please adhere to these standards when submitting changes for the WCOSS.

2. Upcoming major changes to NCEP's production suite and details on any product or timing changes associated with upcoming implementations can be viewed at the following website:

    http://www.nco.ncep.noaa.gov/pmb/changes/

Test data for major changes should be available six weeks prior to implementation. Anyone wishing to receive formal notice of the final pre-implementation testing and the opportunity to provide feedback on the proposed changes can subscribe to the Model Evaluation mailing list via:

https://lstsrv.ncep.noaa.gov/mailman/listinfo/ncep.list.modelevalinfo

3. Maintenance of subscriptions to the Scheduled Operational Changes and Upgrades mailing list can be performed via the following website:

https://lstsrv.ncep.noaa.gov/mailman/listinfo/ncep.list.rfcmemo