

March 12, 2015

MEMORANDUM FOR: Distribution Email

FROM: Chris Caruso Magee
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SUBJECT: Scheduled Operational Changes and Upgrades

The following accelerated items were implemented the past week:

RFC #724 – Seaice_concentration v4.1.4 – Change the sea ice concentration source code to filter out false sea ice off Long Island from an input file, in order to prevent problems with the wave models which use the sea ice as input. Implemented on Mar. 10 around 2030Z.

RFC #725 – Dashboard v1.9.1 - Modify the dashboard targets file to correct the path of several UKMet Redbook graphics files which were moved as part of a recent UKMet post-processing upgrade. Implemented on March 11 at 1550Z.

RFC #726 – WCOSS Dataflow – Modify the DBNet software on WCOSS to only send FNMOC ensemble data from the primary WCOSS system instead of from both primary and backup WCOSS machines. Implemented on March 12 at 1500Z.

The following will be implemented the week of March 16, 2015:

RFC #727 – GFS v12.0.5 – The 35/40 km Pacific, Atlantic, and CONUS GFS gempak grids are being switched to use 0.25 deg pgrb as input instead of the current 1.0 deg pgrb. To be implemented on March 17 at 1200Z.

RFC #729 – NCOSRV v2.5.5, WCOSS v1.59.1 – Modify the DBNet tables on WCOSS and NCOSRV to send operational data to NHC, WPC, and OPC, in support of the 2nd round data sweep to provide operational data to the Centers. To be implemented on March 17 at 1200Z.

RFC #730 – ECMWF v1.1.0 – Move the job which produces 0.25 deg gempak files with ECMWF data from the WPC Compute Farm to WCOSS. To be implemented on March 17 at 1200Z.

RFC #731 – HYSPLIT v7.3.2 – Make a fix to correct wet deposition errors in the RSMC application that were introduced in September 2014. Also restore the

parvar.f source code file and add rsync timeout and retry to one post script. To be implemented on March 17 at 1230Z.

RFC #732 – HRRR v1.1.0 – Update the hrrr_prep_cloud job trigger to add a trigger off the completion of the rap_dump job, to ensure the input RAP data is created before the hrrr_prep_cloud job begins. To be implemented on March 17 at 1400Z.

RFC #733 – Dashboard v1.10.0 – Update the NCO dashboard for the GFS, NAM, SREF, and Wave models. To be implemented on March 18 at 1200Z.

RFC #734 – WCOSS Dataflow v1.59.2 – Modify the DBNet Mirror software to pull additional data in support of the WCOSS NHC production suite, including Pacific OHC, Microwave blended total PW, and several Global Precip Measurement Microwave Imager parameters. To be implemented on March 19 at 1200Z.

RFCs that are security-related are not included in the RFC Memo.

---- 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.modevalinfo>

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>

4. The 30-day evaluation of the upcoming ExtraTropical Storm Surge (ETSS) upgrade is expected to begin the week of March 16. Implementation is expected to occur in late April 2015 or early May 2015.