

July 2, 2015

MEMORANDUM FOR: Distribution Email

FROM: Chris Caruso Magee  
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SUBJECT: Scheduled Operational Changes and Upgrades for  
CPC, OPC, and WPC

The following accelerated items were implemented this past week:

RFC #358 – Made emergency changes to the Long Range Forecast revision production process, including additional log reporting, in response to problems observed during test runs and the final run on June 30. These problems stemmed primarily from filename discrepancies and typos, and all of the ‘echo’ statements were removed. Also encountered a possible gempak bug which appeared from redirecting standard error output from gptext to a logfile. A work-around is in place for this latter issue. Implemented on June 30 at 1200Z.

RFC #359 – Modified Long Range Forecast transmission script ‘ccp\_2c\_gif.csh’ to correct the file names and destination on the web server. Implemented on July 2 at 1200Z.

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The following will be implemented the week of July 6, 2015:

RFC #360 - Rewrite the script ‘make\_satellite.csh’ into perl (renaming it ‘make\_satellite.pl’), and include new satellite sectors and improve overall performance. Update the IDP crontabs file ‘crontab.utc’ to turn off entries to the old script and add new entries for the new script. To be implemented on July 6 at 1200Z. (OPC)

RFC #361 - Add a cleanup of 09Z excessive rainfall forecasts posted on the web server to maintain only the 10 most recent versions. To be implemented on July 6 at 1200Z. (WPC)

RFC #362 - Update script ‘split\_up\_vgf.pl’ to correct the names of vgf layer files being sent to AWIPS2. The names of these files didn’t match a previously agreed upon naming convention. This script is run from operational launches and from a crontabs on IDP. To be implemented on July 6 at 1200Z. (OPC)

RFC #363 - Change the color palette used to display WPC's tropical QPF gifs, at the request of FEMA. To be implemented on July 6 at 1200Z. (WPC)

RFC #364 - Modify logic within the auto-forecast process to ensure the delivery time of the main graphics products before 11 am ET daily. To be implemented on July 7 at 1200Z.

RFC #365 - Add the 0.25 degree GFS and ECMWF models to the 'downscale\_maxmin\_2p5.csh' script. This is being done because the 0.25 deg data will eventually replace the 1 deg data. The downscaled 0.25 deg data is needed to build up the bias correction grids before any changes are made to the blender. To be implemented on July 7 at 1500Z. (WPC)

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The following NCO RFCs to be implemented the week of July 6, 2015 may affect CPC, OPC, and/or WPC:

RFC #1060 - Provide access to the R&D wiki from EMC, CPC, and WPC. To be implemented on July 6 at 1400Z.

RFC #1061 - radar3monitor – Add the receipt date of data for each radar level 3 site on the monitor web page <http://weather.noaa.gov/monitor/radar3> and add color keys to explain the meanings of the alert colors. To be implemented on July 6 at 1400Z.

RFC #1062 - radar2monitor – Fix a bug with the radar level 2 monitor in which the radar site codes are not updated on <http://weather.noaa.gov/monitor/radar2> when the radar sites send new codes. To be implemented on July 6 at 1400Z.

RFC #1063 - Allow the CPC Africa desk to access a EUMETSAT site, in order to disseminate the NCEP model forecast data via EUMETSAT to the African National Meteorological Centers on a daily basis. To be implemented on July 6 at 1400Z.

RFC #1065 - IBM will modify the access configuration files to allow for IP changes for WPC's and CPHC's' ATCF that can currently access WCOSS via ssh. To be implemented on July 6 at 1400Z

RFC #1070 - Install the WWW::Mechanize perl module on OPC's operational servers, to automate monitoring websites for data upon which OPC depends. To be implemented on July 7 at 1200Z.

RFC #1071 - RTMA v2.3.3 – Update airport temperature output produced by RTMA/URMA to include Dallas/Ft. Worth (DFW) and alphabetize the output by airport (requested by the FAA). To be implemented on July 7 at 1200Z.

RFC #1075 - ICS v15.0.3 – Install Intel Compiler Suite (ICS) v15.0.3 on WCOSS. This new version will not be the default compiler but will be available for developer use. To be implemented on July 8 at 1400Z.

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The following NCO RFC(s) are in progress and may affect the local Centers:

None

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Please note that security-related RFCs are never listed in the RFC memo.

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---- OPERATIONAL ANNOUNCEMENTS ----

1. The CPC/OPC/WPC Configuration Management documents are available at <https://sites.google.com/a/noaa.gov/nws-ncep-nco-cm/>.

Please review these documents if you have questions prior to submitting changes for CPC/OPC/WPC configurable items.