

October 21, 2016

MEMORANDUM FOR: Distribution Email

FROM: Chris Caruso Magee
Configuration Manager, NCEP Central Operations

SUBJECT: Scheduled Operational Changes and Upgrades for
CPC, OPC, and WPC

Climate Prediction Center

The following accelerated items were implemented this past week:

RFC #761 – Made an emergency change to bring about a return to service for a customer. The customer required a POE file which hadn't been sent out. Implemented on October 20 at 1200Z.

The following will be implemented the week of October 24, 2016:

RFC #762 – model-data-retrieval v2.4.4 - Update the model-data-retrieval to remove the lead interval from the data path since inclusion of this in the path is not useful. The model data path will change from
/cpc/model_realtime/<model>/06h/<year>/... to
/cpc/model_realtime/<model>/<year>/... To be implemented on October 24 at 1400Z.

The following RFCs are in progress:

None

The following RFCs have been delayed:

RFC #738 – GlobalPrecipitationSummary v1.0.1 - A 14-day accumulation climatology was requested for a CPC project. This change adds scripts to the GlobalPrecipitationSummary application that can create the climatology, copies the climatology to the central data storage, and updates the GrADS ctl files available in the application to include the new climatologies. Was to be

implemented on October 6 at 1300Z; postponed to October 13 at 1300Z due to CWD; postponed to October 20 at 1300Z due to CWD and personnel availability; postponed to November 1 at 1300Z due to personnel availability.

The following NCO RFCs to be implemented the week of October 24, 2016 may affect CPC:

RFC #2472 – WCOSS - Create alias names such that any version of Subversion can be loaded using the name "svn" or "subversion" on any system. Currently on Tide and Gyre, the module name Subversion is "svn" while on Luna and Surge the name is "subversion". This RFC will create alias "subversion" on Tide and Gyre, and alias "svn" on Luna and Surge. When implemented, scripts that load Subversion will be portable. In addition, no change is required to any existing scripts. To be implemented on October 25 at 1700Z.

RFC #2475 – CMake v3.6.2 - Per developer request, install CMake 3.6.2 under /usrx/local/dev on all WCOSS systems for evaluation. CMake is an open-source, cross-platform family of tools designed to build, test, and package software. Software will be installed in /usrx/local/dev. To be implemented on October 27 at 1800Z.

The following NCO RFCs are in progress and may affect CPC:

None

Ocean Prediction Center

The following accelerated items were implemented this past week:

RFC #763 – The source data for the 00Z run of the probabilistic wave images (GWES) has been arriving later. The crontab entry was adjusted by 45 minutes to account for the later arrival. Implemented on October 17 at 1845Z.

The following will be implemented the week of October 24, 2016:

RFC #764 – 'check_launch_status.pl' v2016.10.14 - A new rule to check for FTP transmission failures is being added. The error is "connection reset by peer". Also,

error strings will be matched by ignoring case. To be implemented on October 24 at 1230Z.

RFC #765 – NOAA/NMFS has requested that support for their Antarctic Ecosystem Research Group 2016-2017 field season start on October 24, 2016. Script 'auto_antarctica.pl' is being modified for the 2016-2017 winter requirements (one F48 graphic with surface pressure, winds, previous 12-hour precip). Script 'Email_Antarctica.tbl' is being modified with the appropriate send addresses. The IDP cron job will be activated. To be implemented on October 24 at 1230Z.

RFC #766 - An NMAP2 restore file is being added to display 80-meter winds. The new option is invoked via the "bndlayer_winds" category. To be implemented on October 24 at 1230Z.

RFC #767 – 'Vpara_DoublingTimes_MA.csh' v2016.10.25 - Move Vibrio Massachusetts web images creation to the operational Compute Farm from the test Compute Farm. To be implemented on October 25 at 1330Z.

The following RFCs are in progress:

None

The following NCO RFCs to be implemented the week of October 24, 2016 may affect OPC:

RFC #2472 – WCOSS - Create alias names such that any version of Subversion can be loaded using the name "svn" or "subversion" on any system. Currently on Tide and Gyre, the module name Subversion is "svn" while on Luna and Surge the name is "subversion". This RFC will create alias "subversion" on Tide and Gyre, and alias "svn" on Luna and Surge. When implemented, scripts that load Subversion will be portable. In addition, no change is required to any existing scripts. To be implemented on October 25 at 1700Z.

RFC #2475 – CMake v3.6.2 - Per developer request, install CMake 3.6.2 under /usrx/local/dev on all WCOSS systems for evaluation. CMake is an open-source, cross-platform family of tools designed to build, test, and package software. Software will be installed in /usrx/local/dev. To be implemented on October 27 at 1800Z.

The following NCO RFCs are in progress and may affect OPC:

None

Weather Prediction Center

The following accelerated items were implemented this past week:

None

The following will be implemented the week of October 24, 2016:

None

The following RFCs are in progress:

None

The following NCO RFCs to be implemented the week of October 24, 2016 may affect WPC:

RFC #2467 – gefs v11.0.7 - WPC reported corruption in some of the GEFS meta files since the last major GEFS upgrade. This update fixes the corruption so the data may be viewed in NTRANS. To be implemented on October 25 at 1200Z.

The following NCO RFCs are in progress and may affect WPC:

None

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

---- OPERATIONAL ANNOUNCEMENTS ----

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.

Users who wish to view their network utilization via the Scrutinizer appliance may request access from NCO/IWSB. Please send an account request to the NCWCP Helpdesk at NCWCP.helpdesk@noaa.gov.