

September 30, 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:

None

The following will be implemented the week of October 3, 2016:

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. To be implemented on October 6 at 1300Z.

The following RFCs are in progress:

None

The following NCO RFCs to be implemented the week of October 3, 2016 may affect CPC:

None

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

None

Ocean Prediction Center

The following accelerated items were implemented this past week:

None

The following will be implemented the week of October 3, 2016:

RFC #739 - A new web page, "get_to_know_DFigurskey.php", will be added to the external website (opcrzdm). A link will be added to it on the current "get_to_know_OPC.php" page. To be implemented on October 3 at 1200Z.

RFC #740 - send_to_AWIPS.csh v2016.10.03 - OPC is terminating legacy Redbook Graphics (see SCN16-34 at http://www.nws.noaa.gov/os/notification/scn16-34redbook_terminate.htm). This change will only disable the transmission of the products. Another RFC will follow to actually remove the production and also retire the send utility. To be implemented on October 3 at 1230Z.

RFC #741 - OPC is changing the frequency of the regional sea state analyses from every 3 hours to every 6 hours (see SCN16-33 at http://www.nws.noaa.gov/os/notification/scn16-33sea_state_change.htm). The discontinued analyses are only distributed to the internet. This RFC will remove the internal infrastructure associated with those issuances like web links and late product notifications. To be implemented on October 3 at 1230Z.

RFC #742 - Update 3 webpages to fix a bug where the "file last updated" information is missing. To be implemented on October 3 at 1230Z.

RFC #743 - NMAP2 restore files are being updated to show NAM EMSL fields with colored Lows and Highs. A new 10-meter wind field for the GFS model is being added. To be implemented on October 3 at 1230Z.

RFC #744 - oisst_grib2.csh v2016.10.03 - The date stamp in the OI SST GEMPAK files need to be modified to show the previous day's date for Nmap viewing. To be implemented on October 3 at 1430Z.

The following RFCs are in progress:

None

The following NCO RFCs to be implemented the week of October 3, 2016 may affect OPC:

RFC #2393 – rap v3.0.2, hrrr v2.0.3 – For the RAP, make a change to source code 'rap_subflds_g2.fd' to fix 3-hr accumulations of total precipitation. For the HRRR, update subhourly util/parm datacards to correct errors in subhourly output files in /pcom2. To be implemented on October 4 at 1415Z.

RFC #2398 – In order to verify that all preparations are made to ensure a successful shutdown of the Silver Spring Telecommunications Gateway (SSTG) prior to moving it to Boulder, NCO will shut down the network to the SSTG for 1 hour. NCO's Data Management Team and others will keep a close eye on any issues discovered during the shutdown and take action accordingly. To be implemented on October 5 at 1400Z. An admin message will be sent prior to the network being shut down.

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 3, 2016:

RFC #745 - Add a tool to the operational NMAP that displays spaghetti plots of numerous CAMs (Convection Allowing Models) at various thresholds and time periods. This tool allows forecasters to quickly compare a lot of information. To be implemented on October 3 at 1300Z.

The following RFCs are in progress:

None

The following NCO RFCs to be implemented the week of October 3, 2016 may affect WPC:

RFC #2393 – rap v3.0.2, hrrr v2.0.3 – For the RAP, make a change to source code 'rap_subflds_g2.fd' to fix 3-hr accumulations of total precipitation. For the HRRR, update subhourly util/parm datacards to correct errors in subhourly output files in /pcom2. To be implemented on October 4 at 1415Z.

RFC #2398 – In order to verify that all preparations are made to ensure a successful shutdown of the Silver Spring Telecommunications Gateway (SSTG) prior to moving it to Boulder, NCO will shut down the network to the SSTG for 1 hour. NCO's Data Management Team and others will keep a close eye on any issues discovered during the shutdown and take action accordingly. To be implemented on October 5 at 1400Z. An admin message will be sent prior to the network being shut down.

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.