

November 4, 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 November 7, 2016:

None

The following RFCs are in progress:

None

The following NCO RFCs to be implemented the week of November 7, 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:

RFC #778 – OPC's opcps6 server started having processing errors and very slow performance, which were not mitigated by a reboot. The patch flags were swapped with opcps3 so the processing could be moved to a fully functioning VM. A malfunctioning blade server was identified by NCO. The patch flags were swapped back early Thursday morning, November 3. Implemented on November 2 at 1700Z.

The following will be implemented the week of November 7, 2016:

None

The following will be implemented the week of November 21, 2016:

RFC #779 - The majority of OPC scripts use a table to lookup the OPC URL. The table will be expanded to include ftp and intranet addresses. Modify any scripts not using the table to do so. The URLs will not be changing in this RFC. To be implemented on November 21 at 1300Z.

The following RFCs are in progress:

None

The following NCO RFCs to be implemented the week of November 7, 2016 may affect OPC:

RFC #2525 - Modify the existing data pull of Arctic NetCDF files to also pull corresponding gif images. This data is hosted on the DDS and will be pulled onto NCOSRV for OPC's use. To be implemented on November 8 at 1400Z.

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

None

Weather Prediction Center

The following accelerated items were implemented this past week:

RFC #780 – Upgraded the script ‘wwdprob’ to launch the wwdpgen48 jobs in parallel to the Compute Farm. This was needed to speed up the product generation as requested by the WFOs. Implemented on November 2 at 1400Z.

The following will be implemented the week of November 7, 2016:

RFC #781 - Add Google Analytics to the WPC homepage. Monitoring and analyzing website traffic will allow WPC to gain insight on who their customers are, what the customers are looking at, what they’re not looking at, and what they might want to look at. To be implemented on November 7 at 0830Z.

RFC #782 - Modify the shapefile creation for winter weather probabilistic products to: 1.) ensure there are no zero-length/empty files. The zero-length files result in some unintended impacts to GIS software; and 2.) add new date/time fields for improved ingest into GIS programs. To be implemented on November 7 at 1100Z.

The following RFCs are in progress:

None

The following NCO RFCs to be implemented the week of November 7, 2016 may affect WPC:

None

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

RFC #2496 – MRMS v11.0.3 – Update MRMS to include the following: for RIDGE2, increase geoTiff resolution for single radar products; update severe weather algorithms; and implement Hydromet (previously HMRG) updates.

Implementation began on November 1 at 1200Z and should be completed by 2100Z on November 23.

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.