

NOUS41 KWBC 082015  
PNSWSH

Public Information Statement 20-42  
National Weather Service Headquarters Silver Spring MD  
315 PM EDT Mon Jun 8 2020

To:           Subscribers:  
              -NOAA Weather Wire Service  
              -Emergency Managers Weather Information Network  
              -NOAAPORT  
              Other NWS Partners, Users and Employees

From:         Jason Levit  
              Chief, Verification, Post-Processing, Product  
              Generation Branch  
              NCEP/Environmental Modeling Center

Subject: Soliciting Public Comments on the Removal of Certain  
          gaugeQC Products through July 8, 2020

The National Centers for Environmental Prediction (NCEP) is soliciting comments on the removal of certain gauge QC products.

The following products will be removed from NCEP Web Services, including NOMADS and FTP:

For FTP and NOMADS, the following 'gaugeqc' directories and their contents will be removed:

<ftp://ftp.ncep.noaa.gov/pub/data1/nccf/com/hourly/prod/gaugeqc/>  
<https://nomads.ncep.noaa.gov/pub/data1/nccf/com/hourly/prod/gaugeqc/>

The 'gaugeqc' directory in the above ftp and nomads sites contain four files, created each day around 04:06UTC:

current.eval: gauges flagged as questionable  
current.evalH: hourly gauges flagged as questionable  
(a subset of current.eval, with lat/lon info added)  
current.good: gauges passed quality control check  
current.goodH: hourly gauges passed quality control check (a subset of  
current.good, with lat/lon info added)

Explanations above the QC flags in the above good/eval[H] gauge listings:  
<https://drive.google.com/file/d/12U4R08S7B6icgeXiU00sVion2EXToHKC/view?usp=sharing>

The gaugeQC program was developed by ESRL with EMC (<https://ams.confex.com/ams/pdfpapers/95173.pdf>) in the mid 2000's and used by the NCEP Stage II QPE analysis (at the time the sole source for pcpRTMA) to screen out questionable hourly gauges. With RTMA/URMA v2.8, scheduled to be implemented in late June 2020, pcpRTMA begins using MRMS QPE as its source, and the Stage II analysis is discontinued (MRMS QPE has fully matured and can replace the Stage II). With the decommission of the Stage II, the gaugeQC program is no longer needed, and since by

now its function is subsumed by the MADIS and MRMS' gaugeQC function, we propose to discontinue this gaugeQC program.

NWS will collect comments on this proposed product removal for 30 days. If approved, a Service Change Notice will be issued giving 30 days of notice of the termination date.

Send comments on this proposal to:

Jason Levit  
NWS/NCEP Environmental Modeling Center, College Park, MD  
[Jason.Levit@noaa.gov](mailto:Jason.Levit@noaa.gov)

For questions on the data flow aspects please contact:

Anne Myckow  
NWS/NCEP Central Operations, College Park, MD  
[anne.myckow@noaa.gov](mailto:anne.myckow@noaa.gov)

National Public Information Statements are online at:  
<https://www.weather.gov/notification/>

NNNN