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PNSWSH

Service Change Notice 20-112
National Weather Service Headquarters Silver Spring MD
1115 AM EDT Mon Nov 12 2020

To: Subscribers:
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            -Emergency Managers Weather Information Network
            -NOAAPort
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From: Jason Levit
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            NCEP/Environmental Modeling Center

Subject: Termination of gaugeQC Products Effective January 5, 2020

Effective on or about January 5, 2020, at 1200 Coordinated Universal Time (UTC), the National Centers for Environmental Prediction (NCEP) will terminate the guageQC products from real-time distribution.

NWS will remove the following products 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://www.nco.ncep.noaa.gov/pmb/changes/gaugeqc_collander_readme.pdf

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, implemented in late June 2020, pcpRTMA began using MRMS QPE as its source, and the Stage II analysis was 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 its function has been subsumed by the MADIS and MRMS' gaugeQC function, we will discontinue this gaugeQC program.

If you have questions regarding this change please contact:

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If you have questions regarding the data flow aspects please contact:

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

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