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Service Change Notice 18-04
National Weather Service Headquarters Silver Spring MD
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From: Dave Myrick
 NWS Office of Science and Technology Integration

Subject: Correction to Global Forecast System (GFS) Model Station Time Series in the Binary Universal Form for Representation of Meteorological Data (BUFR) Output: Effective January 10, 2018

Effective on January 10, 2018, beginning with the 1200 Coordinated Universal Time (UTC) run, the National Centers for Environmental Prediction (NCEP) will correct an error in the post-processing component of the hourly GFS station time series precipitation amount of BUFR data.

It was found that hourly total and convective precipitation amounts in the current operational GFS station time series BUFR output are higher than what the model is actually generating at stations. An error was found in the code, and the correction is being implemented. Evaluations were carried out by NWS field offices, and comparisons between the revised BUFR output and model two-dimensional (2-D) precipitation maps show that the error is corrected in the new version. The only changes are corrections to the total and convective precipitation amounts, so no user actions are required.

Any questions, comments, or requests regarding this implementation should be directed to the contacts below.

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