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Technical Implementation Notice 10-48, Amended
National Weather Service Headquarters Washington DC
110 PM EST Mon Dec 13 2010

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From: Timothy McClung
Chief, Science Plans Branch
Office of Science and Technology

Subject: Amended: Changes to NCEP BUFR Products:
Effective Date Postponed Indefinitely

Amended to postpone this implementation until further notice. Some issues arose during testing that must be corrected. We anticipate implementation in January or February and will issue a new Technical Implementation Notice (TIN) when a new implementation date has been determined.

The National Centers for Environmental Prediction (NCEP) will upgrade the software used to create model output products in BUFR format. This upgrade will result in the following two changes to the format of all NCEP BUFR products:

1. The identification section of each BUFR message will indicate the use of version 13 of the WMO Master Table. NCEP BUFR products currently use version 12.
2. An additional empty (zero subset) BUFR message will now be included within all files that contain BUFR table messages. These empty messages are recognizable as having a data category value of 11 within the identification section of the message.

Note that this change does not affect Model Output Statistics (MOS) and Localized Aviation MOS Product (LAMP) products.

Sample NCEP BUFR products are available at:

<ftp://ftp.ncep.noaa.gov/pub/data1/nccf/com/bufrlib>

The “current” directory contains the BUFR products created with the current operational BUFR software. The “new” directory contains the same products generated with the new BUFR software.

For questions regarding these changes, please contact:

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NWS National Technical Implementation Notices are online at:

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