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PNSWSH

Technical Implementation Notice 13-35, Amended
National Weather Service Headquarters Washington DC
725 AM EST Mon Dec 16 2013

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

Subject: Amended: Additions and Changes to the NAM and RAP BUFR
Soundings: Effective January 29, 2014

This notice was amended to reschedule this implementation from December 17, 2013 to January 29, 2014. Also, changes to the NAM BUFR soundings will be postponed until the NAM model upgrade later in 2014.

Effective on or about Wednesday, January 29, 2014, beginning with the 1200 Coordinated Universal Time (UTC) model distribution, the National Centers for Environmental Prediction (NCEP) will modify the list of stations for which BUFR data are generated for the Rapid Refresh (RAP) model.

The new stations are listed in Table 1, and the stations being changed are listed in Table 2. No stations are being removed. This set of changes will correspond with the implementation of Version 2 of the RAP, currently scheduled for the same time.

The previously advertised plans to make the same station additions to the North American Mesoscale system (NAM) will be postponed until the planned NAM upgrade in the spring of 2014. The changes to that list (and to the NAM BUFR station collectives) will be detailed in the TIN on the forthcoming NAM implementation.

The Short-Range Ensemble Forecast system (SREF) station list will be updated in early 2014. The changes to that list will be detailed in an upcoming SREF TIN.

Table 1. New stations in the RAP BUFR list. The numerical and character identifications are provided:

000345 KPNA Pinedale WY
000346 WLM William CA
000347 BNY Burney CA

000348 SON Sonora CA
 000349 YSV Yosemite Valley CA
 000350 LSY Lindsay CA
 000351 JHN Johnsondale CA
 000352 FZP Frazier Park CA
 000353 COA Coalinga CA
 000354 TBM Table Mountain CA
 000355 KPSF Pittsfield MA
 000356 KUNI Athens/Albany OH
 000357 K36U Heber Valley Municipal Apt UT
 000358 B40 Yuma AZ
 000359 B41 Ft Huachuca AZ
 000360 B42 Deming NM
 000361 B43 Marfa TX
 000362 B44 Eagle Pass TX
 000363 B45 Rio Grande City TX
 000364 B46 Matagorda TX
 000365 B47 Morgan City LA
 000366 B48 Cudjoe Key FL
 000367 B49 Lajas PR
 723066 KGSB Seymour-Johnson AFB NC
 724397 KBMI Bloomington/Normal IL
 725490 KFOD Fort Dodge IA
 725635 KAIA Alliance NE
 726710 KBPI Big Piney WY

Table 2. Changes to existing sites being made to the RAP BUFR list. The numerical and character identifications are provided:

- Station 000037 (near Carroll, IA) is moved from 42.00 N, 95.00 W to 42.04 N, 94.79 W and will now be known as Carroll, IA. This puts the BUFR point at the local airport instead of the current rural location.
- Station 000050 (near Albia, IA) is moved from 40.90 N, 92.8 W to 42.11 N, 92.92 W and will now be known as Marshalltown, IA. The character identifier is changed from AIA to MAR
- Station 000080 (Redding, IA) is moved from 40.69 N, 94.47 W to 41.02 N, 94.36 W and will now be known as Creston, IA. The Character identifier is changed from RDD to CSQ
- Station 724754 (Saint George AWOS, UT) is moved from 37.08 N, 113.6 W to 37.04N, 113.5W to match the new location of the airport

For questions concerning these changes, please contact:

Geoff Manikin
 NCEP/Environmental Modeling Center
 College Park, Maryland 20746
 301-683-3695
 geoffrey.manikin@noaa.gov

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<http://www.nws.noaa.gov/os/notif.htm>

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