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Technical Implementation Notice 13-35 Amended
National Weather Service Headquarters Washington DC
830 AM EST Wed Jan 23 2014

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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 February 25, 2014

This notice is amended to reschedule this implementation from January 2014 to February 25, 2014. As previously noted, changes to the NAM Binary Universal Form for the Representation of meteorological data (BUFR) soundings will not be made until the NAM model upgrade later in 2014.

Effective on or about Tuesday, February 25, 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 Technical Implementation Notice (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:

Numerical ID	Station ID	Station Name
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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 Airport, 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 Air Force Base, 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.

If you have any questions concerning these changes, please contact:

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