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PNSWSH

Service Change Notice 20-11
National Weather Service Headquarters Silver Spring MD
100 PM EST Fri Jan 24 2020

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From: Dave Myrick
 NWS Office of Science and Technology Integration

Subject: Additions and changes to the station time series BUFR station lists for the NAM, GFS, RAP, HRRR, SREF and HIRSW: Effective February 25, 2020

Effective on or about Tuesday, February 25, 2020, beginning with the 1200 Coordinated Universal Time (UTC) model cycle, the National Centers for Environmental Prediction (NCEP) will modify the list of stations for which station time series Binary Universal Form for the Representation of meteorological data (BUFR) data are generated for the North American Mesoscale (NAM) model, the Global Forecast System (GFS), the Short-Range Ensemble Forecast System (SREF), the Rapid Refresh (RAP) model, the High-Resolution Rapid Refresh (HRRR) model, and the High-Resolution Window (HIRSW) models.

Summary:

- The new stations are listed in Table 1 below.
- Stations for which information is being changed are listed below.
- No stations are being removed.
- There will be no accompanying NOAAPort changes to the lists of stations in the NAM or GFS model BUFR sounding collectives.

The high-resolution NAM nests use the same station list as the parent 12 km NAM, so any changes to the list involving locations within a particular nest impact that nest's BUFR output as well. All of the new and modified sites are in the CONUS nest; no other nests have any changes. Similarly, there are no changes to the HRRR-Alaska output.

Table 1: New Sites in the Station Lists. The numerical and character identifications are provided:

Number	ID	Station Location	
000511	KEYX	Boron (NEXRAD)	CA
000512	KHSR	Hot Springs Airport	SD
000513	FTMS	Fort Meade	SD
000514	3CK	Lake in the Hills Airport	IL
000515	PAXT	Paxton	IL
000516	CHTS	Cooper River CHS	SC

000517	FBIS	Folly Island	SC
000518	FPKG	Fort Pulaski	GA
000519	KDEW	Deer Park Airport	WA
000520	KUKF	Wilkes County Airport	NC
000521	LSC	Lake St. Clair	MI
000522	SBL	Inner Saginaw Bay	MI
000523	KP58	Port Hope	MI
000524	BRHR	Burns Harbor	IN
000525	KLOT	Lewis University Airport	IL
000526	KMWK	Mt. Airy Surry County Airport	NC
000527	ZION	Zion National Park	UT
000528	CPRF	Capital Reef National Park	UT
000529	KRIF	Richfield Municipal	UT
041008	B#10	Buoy SE Savannah	Atlantic (ATL)
041029	B#11	Buoy Capers Nearshore	ATL
041033	FRP2	Buoy Fripp Nearshore	ATL
045174	LM3	Buoy Wilmette Buoy	Lake Michigan
727686	KOLF	Wolf Point International_(ASOS)	MT
745966	KWWD	Wildwood	NJ

Changes being made to the station lists that involve existing sites. The numerical and character identifications are provided:

- Location of station 238 (EMF, El Mirage, CA) is corrected from 34.37N, 117.36W to 34.63N, 117.61W.
- Character identifier for station 357 (Heber Valley Municipal Airport, UT) is changed from K36U to KHCR.
- Location of station 506 (KXSA, Tappahannock, VA) is corrected from 37.86N, 78.89W to 37.86N, 76.89W.

Questions or comments concerning this implementation should be directed to:

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

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<https://www.weather.gov/notification/>

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