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PNSWSH

Service Change Notice 18-57  
National Weather Service Headquarters Silver Spring MD  
120 PM EDT Thu May 31 2018

To:           Subscribers:  
              -NOAA Weather Wire Service  
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From:         Dave Myrick  
              NWS Office of Science and Technology Integration

Subject:      Additions and Changes to the BUFR station lists  
              for the NAM, GFS, RAP, HRRR, SREF and Hi-ResW  
              Effective July 11, 2018

Effective on or about Wednesday, July 11, 2018, 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 station time series BUFR data are generated for the North American Mesoscale (NAM) model, the Global Forecast System (GFS), Short-Range Ensemble Forecast System (SREF), and the High-Resolution Window (Hi-ResW) system.

The changes will also be made to the Rapid Refresh (RAP) and High-Resolution Rapid Refresh (HRRR) models as part of their scheduled larger updates on the same day. The Service Change Notice for the RAPv4, HRRRv3 can be found here:

[http://www.nws.noaa.gov/os/notification/scn18-58rap\\_hrrr.htm](http://www.nws.noaa.gov/os/notification/scn18-58rap_hrrr.htm)

- The new stations being added to all of the models mentioned above are listed in Table 1 below.
- A short set of international stations being added to only the GFS is listed in Table 2 below.
- Stations being changed are listed in Table 3 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.

Table 1: New stations added to the station time series BUFR output lists for all of the models listed above. The numerical and character identifications are provided:

000503 MTSL MANTI SKYLINE,UT  
000504 RTN RATON/CREWS\_FLD, NM  
000505 KAKQ WAKEFIELD, VA  
000506 KXSA TAPPAHANNOCK, VA  
000507 KCGE CAMBRIDGE, MD  
000508 KLVL LAWRENCEVILLE, VA  
000509 MSM1 MATINICUS ROCK, ATL OCEAN  
000510 SNWS SNOWSHOE, WV  
000960 RPL2 RAPPAHANNOCK LIGHT, VA  
000961 KSHA SPACEPORT AMERICA, NM  
000962 WLCX WILLCOX PLAYA, AZ  
000963 KOZW HOWELL, MI  
000964 KRNP OWOSSO, MI  
000965 KONZ GROSSE ISLE, MI  
000966 KADG ADRIAN, MI  
000967 GSL GRAVELLY SHOAL LGT, LK HURON  
000968 KCFS CARO, MI  
000969 KTTF MONROE, MI  
000970 KSTK STERLING, CO  
000971 KFMM FORT MORGAN, CO  
000972 KTRX TRENTON. MO  
000973 KUV1 UNIONVILLE, MO  
000974 KAY1 ALBANY, MO  
000975 KTVK CENTERVILLE, IA  
000976 KGGI GRINNELL, IA  
000977 KIFA IOWA FALLS, IA  
000978 KFOA FLORA, IL  
000979 KRSV CRAWFORD CTY APT, IL  
000980 KTAZ TAYLORVILLE, IL  
000981 CWH CROWHEART, WY  
000982 WAM WAMSUTTER, WY  
000983 TTP TETON PASS, WY  
000984 K61 BELOIT, KS  
000985 KNVD NEVADA, MO  
000986 KDKB DEKALB, IL  
000987 KU96 HALLS CROSSING, UT  
000988 K3MW MOUNT WERNER, CO  
000989 KEGT WELLINGTON, KS  
000990 KCPW WOLF CREEK PASS, CO  
000991 TNS TEN SLEEP, WY  
000992 CKV COKEVILLE, WY  
000993 KAJZ DELTA, CO  
000994 KC07 WALTON PEAK, CO  
000995 KMIS MP\_140B\_OIL\_PLATFORM, GULF MEXICO  
044007 B#PM BUOY NR PORTLAND ME, ATL OCEAN  
044089 B#I BUOY WALLOPS ISLAND, ATL OCEAN  
722119 KLAL LAKELAND, FL  
722293 7R5 CAMERON\_HELIPORT, LA  
722308 9F2 FOURCHON, LA  
722320 BVE BOOTHVILLE, LA  
723600 CAO CLAYTON, NM  
724033 KEZF FREDERICKSBURG/SHANNON, VA  
724115 HSP HOT\_SPRINGS/INGALLS, VA  
724265 KHNB HUNTINGBURG, IN

724459 KAIZ OSAGE BEACH, MO  
724509 KEWK NEWTON, KS  
726585 KMKT MANKATO, MN

Table 2: New stations added to the station time series BUFR output list for only the GFS:

133001 SOF SOFIA, BULGARIA  
133002 BOJ BURGAS, BULGARIA  
133003 VAR VARNA, BULGARIA  
133004 PDV PLOVDIV, BULGARIA  
488100 HA GIANG, VIETNAM (no character ID is required for this site)

Table 3: Changes to existing sites being made to the BUFR lists. The numerical and character identifications are provided:

- The location of station 362 (B44, Eagle Pass, TX) is corrected from 28.39N, 110.29W to 28.39N, 100.29W.
- The location of station 366 (B48, Cudjoe Key, FL) is corrected from 24.70N, 80.51W to 24.70N, 81.51W.
- The character identifier for station 862 (Morris, IL) is changed from C09 to KC09 to avoid a conflict.
- Station 726685 (Mobridge, SD) is moved from 45.53N, 100.43W to 45.55N, 100.41W and the character identifier is changed from KY26 to KMBG.

NCEP will evaluate all comments to determine whether to proceed with this upgrade.

Questions or comments concerning this implementation should be directed to the contact below.

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NWS National Service Change Notices are online at:

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

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