

NOUS41 KWBC 241224  
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 09-43  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
725 AM EST THU DEC 24 2009

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS...  
NOAAPORT SUBSCRIBERS...OTHER NATIONAL  
WEATHER SERVICE /NWS/ CUSTOMERS AND  
PARTNERS...NWS EMPLOYEES

FROM: TIMOTHY MCCLUNG  
SCIENCE PLANS BRANCH CHIEF  
OFFICE OF SCIENCE AND TECHNOLOGY

SUBJECT: ADDITIONS/DELETIONS/CHANGES TO NAM AND RUC BUFR  
STATIONS AND ASSOCIATED CHANGES TO NAM BUFR SOUNDING  
COLLECTIVES: EFFECTIVE MARCH 9 2010

EFFECTIVE TUESDAY MARCH 9 2010...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 IS GENERATED FOR  
BOTH THE NORTH AMERICAN MESOSCALE /NAM/ AND RAPID UPDATE CYCLE  
/RUC/ MODELS. THESE LISTS CONTAIN METADATA FOR THE STATIONS  
INCLUDING NUMERICAL AND CHARACTER IDS...LATITUDE AND LONGITUDE.  
THE CHANGES WILL ALSO MODIFY THE STATIONS IN THE NAM MODEL BUFR  
SOUNDING COLLECTIVES DISSEMINATED ON NOAAPORT.

FOR THE NAM AND RUC LISTS...THE NEW STATIONS ARE LISTED IN  
TABLE 1. THE STATIONS BEING REMOVED ARE LISTED IN TABLE 2.

TABLE 1. NEW STATIONS IN THE NAM AND RUC BUFR LISTS. THE  
NUMERICAL AND CHARACTER IDENTIFICATIONS ARE PROVIDED:

000704 TVR VICKSBURG/TALLULAH ARPT MS  
000705 EVR EVERGLADES CITY FL  
000706 INV INVERNESS FL  
000707 MCR MCRAE GA  
000708 GVH GROVE HILL GA  
000709 STV STARKVILLE MS  
000710 BKY BRINKLEY AR  
000711 MCH MANCHESTER TN  
000712 LIN LINDEN TN  
000713 CND CUNDIFF KY  
000714 BDS BLEDSOE TX  
000715 SRK SHAMROCK TX  
000716 OKL OAKLEY KS  
000717 WIN WINONA MO  
000718 CNN CLINTON MO  
000719 MBY MOBERLY MO  
000720 LBT LUMBERTON MUNI AIRPORT NC

000721 KFMH FALMOUTH/OTIS MA  
000722 KOGB ORANGEBURG/MUNI ARPT SC  
000723 KRCX LADYSMITH WI  
000724 KJMR MORA MN  
000725 KRNH NEW RICHMOND WI  
000726 KAQP APPLETON MN  
000727 KDAF NECEDAH WI  
000728 MHS MOUNT SHASTA CA  
000729 RCK ROCK CREEK OR  
000730 FRO FORT ROCK OR  
000731 SMB SOMES BAR CA  
000732 ROU ROUND MOUNTAIN CA  
000733 K4S3 JOSEPH OR  
000734 K5J0 JOHN DAY OR  
000735 KIXA ROANOKE RAPIDS NC  
000736 KRCZ ROCKINGHAM/RICHMOND CO AIRPORT NC  
000737 KPHD NEW PHILADELPHIA OH  
000738 KTT KITTANNING PA  
000739 KIDI INDIANA PA  
000740 K2G4 OAKLAND MD  
000741 KAFJ WASHINGTON PA  
000742 EON ONEONTA NY  
000743 KGUY GUYMON OK  
000744 KEET SHELBY COUNTY AIRPORT AL  
000745 KHBG CHAIN MUNICIPAL AIRPORT MS  
000746 KISM KISSIMMEE MUNICIPAL AIRPORT FL  
000747 KLEE LEESBURG MUNICIPAL AIRPORT FL  
000748 KCXO CONROE AIRPORT TX  
000749 KUTS HUNTSVILLE TX  
000750 D07 FAITH SD  
000751 UVA UVALDE/GARNER FIELD TX  
000752 JWG WATONGA OK  
000753 PNT PONTIAC IL  
000754 WTBY WATERBURY CT  
000755 BON BONNERS FERRY ID  
000756 REP REPUBLIC WA  
000757 PLA PLAIN WA  
000758 WIN WINTHROP WA  
000759 KLG KELLOGG ID  
000760 WEV WEAVERVILLE CA  
000761 WCK WILLOW CREEK CA  
000762 YOB YOLLA BOLLA CA  
000763 COV COVELO CA  
000764 BNS BRANSON AIRPORT MO  
044065 B#X BUOY AMBROSE LIGHT  
046015 B015 BUOY WEST OF CAPE BLANCO  
722016 KMTM MARATHON AIRPORT FL  
722067 KVQQ CECIL FIELD NAS FL  
722079 KHXD HILTON HEAD SC  
722235 KBFM MOBILE /DOWNTOWN/ AL  
722314 KARA NEW IBERIA/ACADIANA LA  
722390 KPOE FORT POLK LA  
722527 KLBX ANGLETON/LAKE JACKS TX  
722576 KGRK FORT HOOD/GRAY AAF TX

722695 KLRU LAS CRUCES INTL AIRPORT NM  
723526 KCSM CLINTON-SHERMAN AIRPORT OK  
724285 KLCK COLUMBUS/RICKENBACHER OH  
724375 BNG BLOOMINGTON/MONROE IN  
724698 AKO AKRON CO  
724835 KMHR MATHER FIELD CA  
725145 KMSV MONTICELLO NY  
725496 SLB STORM LAKE IA  
725524 ODX ORD/SHARP FIELD NE  
726064 KSFM SANFORD ME  
726184 KLEW AUBURN-LEWISTON ME  
726904 KRBG ROSEBURG OR  
746410 KWWR WEST WOODWARD OK

TABLE 2. STATIONS BEING REMOVED FROM THE NAM AND RUC BUFR  
LISTS. THE NUMERICAL AND CHARACTER IDENTIFICATIONS ARE  
PROVIDED:

000153 G002 SEVEN MILE MARSH OR  
000157 G006 STRAWBERRY RESERVOIR OR  
000281 PINN PINNACLES NY  
000293 HLD HEALDSBURG CA  
000624 C24 NEAR ALEXANDRIA MN  
000825 UNV UNIVERSITY PARK PA  
046027 B#I BUOY ST GEORGES PAC  
072783 S06 MULLAN ID  
723010 ILM WILMINGTON NC  
724235 KLOU LOUISVILLE/BOWMAN KY  
724810 MCE MERCED CA  
725940 KEKA EUREKA CA  
726465 KCWA MOSINEE WI  
726584 KSTP ST PAUL /DOWNTOWN/ MN  
727820 EAT WENATCHEE WA  
727840 PSC PASCO WA

THE FOLLOWING CHANGES ARE BEING MADE TO THE STATION LISTS:

- 1 THE CHARACTER IDENTIFER FOR 000262 /FORT STOCKTON TX/  
CHANGES TO FSTK. THE OLD IDENTIFIER USED A LOWERCASE /F/.
- 2 THE SITE FOR 000847 /PLATTSBURGH NY/ IS NOW THE NEW  
AIRPORT LOCATED AT 44.65N 73.49W. THE CHARACTER  
IDENTIFIER CHANGES FROM PLB TO KPBG.
- 3 THE CHARACTER IDENTIFIER FOR 044009 /BUOY EAST OF  
FENWICK ISLAND/ CHANGES FROM B#Q TO B#W.
- 4 THE LATITUDE FOR 722490 /FORT WORTH TX/ IS CORRECTED.  
THE VALUE OF 32.80N IS CHANGED TO 32.83N.
- 5 THE CHARACTER IDENTIFIER FOR 727790 /KALISPELL MT/ IS  
CHANGED FROM KFCA TO KGPI.
- 6 THE LOCATION FOR 726620 /RAPID CITY REGIONAL AIRPT SD/  
IS MOVED FROM 44.05N/103.07W TO 44.06N/103.05W.
- 7 THE LOCATION FOR 000059 /NEAR LUSK WY/ MOVES TO THE  
ACTUAL TOWN. THE SITE MOVES FROM 42.50N/104.40W TO  
42.76N/104.45W.

THE CHANGES TO THE BUFR STATION LISTS WILL RESULT IN NO CHANGES TO THE WMO HEADERS OF THE NOAAPORT SOUNDINGS COLLECTIVES. THE HEADERS LISTED IN TABLE 3...BELOW... WILL CONTINUE TO BE USED. THERE ALSO WILL BE NO CHANGE TO THE BUFR FORMAT OF THE PRODUCTS EXCEPT THAT NEW STATIONS WILL BE INCLUDED IN THE COLLECTIVES. THE NEW STATIONS AS WELL AS THOSE BEING ELIMINATED APPEAR IN TABLE 4 BELOW.

TABLE 3. WMO COMMUNICATION IDENTIFIERS FOR THE NAM BUFR COLLECTIVES

JUSA41 KWNO  
JUSA42 KWNO  
JUSB43 KWNO  
JUSB44 KWNO  
JUSB45 KWNO  
JUSB46 KWNO

TABLE 4. ADDITIONS/DELETIONS TO NAM BUFR SOUNDING COLLECTIVES COLLECTIVE 1 /JUSA41/

ADDED

STATION NUMBER	STATION ID	STATION NAME
000705	EVR	EVERGLADES CITY FL
000706	INV	INVERNESS FL
000707	MCR	MCRAE GA
000708	GRH	GROVE HILL GA
000709	STV	STARKVILLE MS
000711	MCH	MANCHESTER TN
000712	LIN	LINDEN TN
000713	CND	CUNDIFF TN
000720	LBT	LUMBERTON MUNI AIRPORT NC
000722	KOGB	ORANGEBURG/MUNI AIRPORT SC
000735	KIXA	ROANOKE RAPIDS NC
000736	KRCZ	ROCKINGHAM/RICHMOND CO AIRPORT NC
000744	KEET	SHELBY COUNTY AIRPORT AL
000745	KHBG	CHAIN MUNICIPAL AIRPORT MS
000746	KISM	KISSIMMEE MUNICIPAL AIRPORT FL
000747	KLEE	LEESBURG MUNICIPAL AIRPORT FL
722016	KMTH	MARATHON AIRPORT FL
722067	KVQQ	CECIL FIELD NAS FL
722079	KHXD	HILTON HEAD SC

DELETED

723010 ILM WILMINGTON NC

COLLECTIVE 2 /JUSA42/

ADDED

STATION NUMBER	STATION ID	STATION NAME
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000721 KFMH FALMOUTH/OTIS MA  
000737 KPHD NEW PHILADELPHIA OH  
000738 KTT KITTANNING PA  
000739 KIDI INDIANA PA  
000740 K2G4 OAKLAND MD  
000741 KAFJ WASHINGTON PA  
000742 EON ONEONTA NY  
000753 PNT PONTIAC IL  
000754 WTBY WATERBURY CT  
044065 B#X BUOY AMBROSE LIGHT  
724285 KLCK RICKENBACKER ANGB OH  
724375 BNG BLOOMINGTON/MONROE IN  
725145 KMSV MONTICELLO NY  
726064 KSFM SANFORD ME  
726184 KLEW AUBURN-LEWISTON ME

DELETED

000281 PINN PINNACLES NY  
000825 UNV UNIVERSITY PARK PA  
724235 KLOU LOUISVILLE/BOWMAN KY  
726465 KCWA MOSINEE WI

COLLECTIVE 3 /JUSB43/

ADDED

STATION STATION

NUMBER	ID	STATION NAME
000704	TVR	VICKSBURG/TALLULAH ARPT MS
000710	BKY	BRINKLEY AR
000714	BDS	BLEDSON TX
000715	SRK	SHAMROCK TX
000743	KGUY	GUYMON OK
000748	KCXO	CONROE AIRPORT TX
000749	KUTS	HUNTSVILLE TX
000751	UVA	UVALDE/GARNER FIELD TX
000752	JWG	WATONGA OK
000764	BNS	BRANSON AIRPORT MO
722314	KARA	NEW IBERIA/ACADIANA LA
722390	KPOE	FORT POLK LA
722527	KL BX	ANGLETON/LAKE JACKS TX
722576	KGRK	FORT HOOD/GRAY AAF TX
722695	KLRU	LAS CRUCES INTL AIRPORT NM
723526	KCSM	CLINTON-SHERMAN AIRPORT OK
746410	KWWR	WEST WOODWARD OK

DELETED

NONE

COLLECTIVE 4 /JUSB44/

ADDED

STATION STATION

NUMBER	ID	STATION NAME
000716	OKL	OAKLEY KS
000717	WIN	WINONA MO
000718	CNN	CLINTON MO
000719	MBY	MOBERLY MO
000723	KRCX	LADYSMITH WI
000724	KJMR	MORA MN
000725	KRNH	NEW RICHMOND WI
000726	KAQP	APPLETON MN
000727	KDAF	NECEDAH WI
000750	D07	FAITH SD
724698	AKO	AKRON CO
725496	SLB	STORM LAKE IA
725524	ODX	ORD/SHARP FIELD NE

DELETED

000624	C24	NEAR ALEXANDRIA MN
726584	KSTP	ST PAUL /DOWNTOWN/ MN

COLLECTIVE 5 /JUSB45/

ADDED

STATION	STATION
NUMBER	ID STATION NAME
000728	MHS MOUNT SHASTA CA
000731	SSB SOMES BAR CA
000732	ROU ROUND MOUNTAIN CA
000760	WEV WEAVERVILLE CA
000761	WCK WILLOW CREEK CA
000762	YOB YOLLA BOLLA CA
000763	COV COVELO CA
724835	KMHR MATHER FIELD CA

DELETED

000293	HLD	HEALDSBURG CA
046027	B#I	BUOY ST GEORGES PAC
724810	MCE	MERCED CA
725940	KEKA	EUREKA CA

COLLECTIVE 6 /JUSB46/

ADDED

STATION	STATION
NUMBER	ID STATION NAME
000729	RCK ROCK CREEK OR
000730	FRO FORT ROCK OR
000733	K4S3 JOSEPH OR
000734	K5J0 JOHN DAY OR
000755	BON BONNERS FERRY ID
000756	REP REPUBLIC WA
000757	PLA PLAIN WA
000758	WIN WINTHROP WA

000759 KLG KELLOGG ID  
046015 B015 BUOY WEST OF CAPE BLANCO  
726904 KRBG ROSEBURG OR

DELETED

000153 G002 SEVEN MILE MARSH OR  
000157 G006 STRAWBERRY RESERVOIR OR  
072783 S06 MULLAN ID  
727820 EAT WENATCHEE WA  
727840 PSC PASCO WA

FOR QUESTIONS CONCERNING THESE CHANGES...PLEASE CONTACT:

GEOFF MANIKIN  
NCEP...ENVIRONMENTAL MODELING CENTER  
CAMP SPRINGS MARYLAND  
301-763-8000 EXT 7263  
GEOFFREY.MANIKIN@NOAA.GOV

NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT  
/USE LOWERCASE/:

[HTTP://WWW.WEATHER.GOV/OS/NOTIF.HTM](http://www.weather.gov/os/notif.htm)

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