

NOUS41 KWBC 241225  
PNSWSH

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

TO: SUBSCRIBERS:  
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FROM: TIM MCCLUNG  
CHIEF...SCIENCE PLANS BRANCH  
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 BINARY  
UNIVERSAL FORM FOR THE REPRESENTATION OF METEOROLOGICAL DATA /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 AIRPORT 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	BLEDSON TX
000715	SRK	SHAMROCK TX
000716	OKL	OAKLEY KS
000717	WIN	WINONA MO
000718	CNN	CLINTON MO
000719	MBY	MOBERLY MO

000720	LBT	LUMBERTON MUNICIPAL AIRPORT NC
000721	KFMH	FALMOUTH/OTIS AIR FORCE BASE MA
000722	KOGB	ORANGEBURG/MUNICIPAL AIRPORT 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 COUNTY 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	KLK	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 NY
046015	B015	BUOY WEST OF CAPE BLANCO CA
722016	KMTH	MARATHON AIRPORT FL
722067	KVQQ	CECIL FIELD NAVAL AIR STATION 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 INTERNATIONAL 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 PACIFIC
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:

- THE CHARACTER IDENTIFIER FOR 000262 /FORT STOCKTON TX/ CHANGES TO FSTK. THE OLD IDENTIFIER USED A LOWERCASE /F/.
- 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.
- THE CHARACTER IDENTIFIER FOR 044009 /BUOY EAST OF FENWICK ISLAND/ CHANGES FROM B#Q TO B#W.
- THE LATITUDE FOR 722490 /FORT WORTH TX/ IS CORRECTED. THE VALUE OF 32.80N IS CHANGED TO 32.83N.
- THE CHARACTER IDENTIFIER FOR 727790 /KALISPELL MT/ IS CHANGED FROM KFCA TO KGPI.
- THE LOCATION FOR 726620 /RAPID CITY REGIONAL AIRPT SD/ IS MOVED FROM 44.05N/103.07W TO 44.06N/103.05W.
- 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 WORLD METEOROLOGICAL ORGANIZATION /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
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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 MUNICIPAL AIRPORT NC
000722	KOGB	ORANGEBURG/MUNICIPAL AIRPORT SC
000735	KIXA	ROANOKE RAPIDS NC
000736	KRCZ	ROCKINGHAM/RICHMOND COUNTY 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 NAVAL AIR STATION 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 AIR FORCE BASE MA
000737	KPHD	NEW PHILADELPHIA OH
000738	KTT	KITTANNING PA

STATION NUMBER -----	STATION ID -----	STATION NAME -----
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 NY
724285	KLCK	RICKENBACKER AIR NATIONAL GUARD BASE 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 NUMBER -----	STATION ID -----	STATION NAME -----
000704	TVR	VICKSBURG/TALLULAH AIRPORT MS
000710	BKY	BRINKLEY AR
000714	BDS	BLED SOE 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	KLBX	ANGLETON/LAKE JACKS TX
722576	KGRK	FORT HOOD/GRAY AAF TX
722695	KLRU	LAS CRUCES INTERNATIONAL AIRPORT NM
723526	KCSM	CLINTON-SHERMAN AIRPORT OK
746410	KWWR	WEST WOODWARD OK

DELETED: NONE

COLLECTIVE 4 /JUSB44/:  
ADDED:

STATION NUMBER -----	STATION 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 NUMBER -----	STATION 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 PACIFIC
724810	MCE	MERCED CA
725940	KEKA	EUREKA CA

COLLECTIVE 6 /JUSB46/:  
ADDED:

STATION NUMBER -----	STATION ID -----	STATION NAME -----
000729	RCK	ROCK CREEK OR
000730	FRO	FORT ROCK OR
000733	K4S3	JOSEPH OR

STATION NUMBER -----	STATION ID -----	STATION NAME -----
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 CA
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  
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NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:

[HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE](https://www.weather.gov/notification/archive)

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