

NOUS41 KWBC 311750
PNSWSH

SERVICE CHANGE NOTICE 09-43
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
150 PM EDT FRI JUL 31 2009

TO: SUBSCRIBERS:
-FAMILY OF SERVICES
-NOAA WEATHER WIRE SERVICE
-EMERGENCY MANAGERS WEATHER INFORMATION NETWORK
-NOAAPORT
OTHER NWS PARTNERS...AND NWS EMPLOYEES

FROM: ELI JACKS
CHIEF...FIRE AND PUBLIC WEATHER SERVICES BRANCH

SUBJECT: ADJUSTMENT OF CURRENT AND CREATION OF NEW PUBLIC
FORECAST ZONE BOUNDARIES IN MUCH OF WYOMING AND
WESTERN NEBRASKA FOR WFO CHEYENNE WYOMING:
EFFECTIVE OCTOBER 1 2009

EFFECTIVE THURSDAY OCTOBER 1 2009 AT 200 PM MOUNTAIN DAYLIGHT
TIME /MDT/...2000 COORDINATED UNIVERSAL TIME /UTC/... THE NWS
FORECAST OFFICE /WFO/ IN CHEYENNE WYOMING /CYS/ WILL RECONFIGURE
SEVERAL OF ITS PUBLIC FORECAST ZONE BOUNDARIES FOR NUMEROUS
PUBLIC FORECAST ZONES IN SOUTH CENTRAL AND SOUTHEAST WYOMING AS
WELL AS A PORTION OF THE WESTERN NEBRASKA PANHANDLE.

THE PURPOSE OF THESE CHANGES IS TO IMPROVE PUBLIC FORECAST AND
WARNING PRODUCTS AND SERVICES BY BETTER ACCOUNTING FOR
CLIMATOLOGICAL AND TOPOGRAPHIC DIFFERENCES.

WFO RIVERTON WYOMING /RIW/ WILL ALSO MAKE MINOR CHANGES TO SIX
CURRENT PUBLIC FORECAST ZONE BOUNDARIES IN WESTERN AND CENTRAL
WYOMING... PRIMARILY TO ALIGN THOSE ZONES WITH THE NEW WFO CYS
ZONES. A SERVICE CHANGE NOTICE ANNOUNCING THE WFO RIW CHANGES IS
AVAILABLE ONLINE AT /USE LOWER CASE LETTERS:

[HTTP://WWW.WEATHER.GOV/OS/NOTIFICATION/SCN09-42RIW_PUB_ZONES.TXT](http://WWW.WEATHER.GOV/OS/NOTIFICATION/SCN09-42RIW_PUB_ZONES.TXT)

THERE ARE NO CHANGES TO WORLD METEOROLOGICAL ORGANIZATION
HEADINGS OR ADVANCED WEATHER INTERACTIVE PROCESSING SYSTEM
IDENTIFIERS WITH THESE PUBLIC FORECAST ZONE CHANGES. NO ACTION
IS REQUIRED FOR CONTINUED RECEIPT OF PRODUCTS FROM WFO CYS.

AN UPDATED ZONE MAP SHAPEFILE CONTAINING THE REALIGNED ZONES IS
AVAILABLE ONLINE AT /USE LOWERCASE/:

[HTTP://WWW.WEATHER.GOV/GEODATA/CATALOG/WSOM/HTML/PUBZONE.HTM](http://WWW.WEATHER.GOV/GEODATA/CATALOG/WSOM/HTML/PUBZONE.HTM)

NEW ZONE /Z/ FORM OF THE UNIVERSAL GEOGRAPHIC CODE /UGC/ AND
PUBLIC FORECAST ZONE NAMES/NUMBERS FOR WFO CYS USERS:

NEW NEW ZONE NAME	UGC /Z/	OLD OLD ZONE NAME	UGC /Z/
CONVERSE COUNTY			
LOWER ELEVATIONS	WYZ101	CONVERSE	WYZ059
NIOBRARA COUNTY	WYZ102	NIOBRARA	WYZ060
NORTH LARAMIE RANGE	WYZ103	NORTH LARAMIE RANGE	WYZ064
FERRIS/SEMINOE/SHIRLEY MOUNTAINS	WYZ104	NORTH CARBON	WYZ062
SHIRLEY BASIN	WYZ105	N/A	N/A
CENTRAL LARAMIE RANGE AND SOUTHWEST PLATTE COUNTY	WYZ106	N/A	N/A
EAST PLATTE COUNTY	WYZ107	PLATTE	WYZ067
GOSHEN COUNTY	WYZ108	GOSHEN	WYZ068
CENTRAL CARBON COUNTY	WYZ109	SOUTHWEST CARBON	WYZ061
NORTH SNOWY RANGE FOOTHILLS	WYZ110	N/A	N/A
SOUTHWEST CARBON COUNTY	WYZ111	SOUTHWEST CARBON	WYZ061
SIERRA MADRE RANGE	WYZ112	SNOWY RANGE	WYZ063
UPPER NORTH PLATTE RIVER BASIN	WYZ113	N/A	N/A
SNOWY RANGE	WYZ114	SNOWY RANGE	WYZ063
LARAMIE VALLEY	WYZ115	LARAMIE VALLEY	WYZ065
SOUTH LARAMIE RANGE	WYZ116	LARAMIE RANGE	WYZ066
SOUTH LARAMIE RANGE FOOTHILLS	WYZ117	N/A	N/A
CENTRAL LARAMIE COUNTY	WYZ118	CHEYENNE FOOTHILLS	WYZ069
EAST LARAMIE COUNTY	WYZ119	PINE BLUFFS	WYZ070
NORTH SIOUX	NEZ095	SIOUX	NEZ001
SOUTH SIOUX	NEZ096	SIOUX	NEZ001

A DETAILED DESCRIPTION AND GRAPHICAL DEPICTION OF THE NEW WFO
CYS PUBLIC FORECAST ZONES ARE ONLINE AT /USE LOWERCASE/:

[HTTP://WWW.WEATHER.GOV/OS/NOTIFICATION/RESOURCES/ZONE_DES.PDF](http://www.weather.gov/os/notification/resources/zone_des.pdf)
AND

[HTTP://WWW.WEATHER.GOV/OS/NOTIFICATION/RESOURCES/CYS_ZONES.JPG](http://www.weather.gov/os/notification/resources/cys_zones.jpg)

THE FOLLOWING KEY PRODUCTS ARE AFFECTED BY THIS CHANGE FOR WFO
CYS PARTNERS AND USERS:

PRODUCT NAME	WMO HEADING	AWIPS ID
PUBLIC ZONE FORECAST	FPUS55 KCYS	ZFPCYS
NON-PRECIPITATION ADVSY/WATCH/WARNING	WWUS75 KCYS	NPWCYS
WINTER STORM ADVSY/WATCH/WARNING	WWUS45 KCYS	WSWCYS
SPECIAL WEATHER STATEMENT	WWUS85 KCYS	SPSCYS
SEVERE WEATHER STATEMENT	WWUS55 KCYS	SVSCYS
SHORT-TERM FORECAST	FPUS75 KCYS	NOWCYS
FLOOD WARNING	WGUS45 KCYS	FLWCYS
FLOOD WATCH	WGUS65 KCYS	FFACYS

FLOOD STATEMENT

WGUS85 KCYS FLSCYS

WFO CYS PRODUCTS USED FOR TORNADO...SEVERE THUNDERSTORM...FLASH FLOOD WARNINGS AND NON-WEATHER RELATED EMERGENCY MESSAGES REMAIN UNCHANGED SINCE THOSE PRODUCTS USE THE COUNTY /C/ FORM OF THE UGC CODE.

THE EFFECTIVE DATE OF THIS CHANGE IS SOONER THAN SPECIFIED BY NWS POLICY /NWS INSTRUCTION 10-1805/. THE REDUCTION OF THE NORMAL ADVANCE LEAD TIME WAS NECESSARY TO ENSURE THE CHANGE WOULD BE EFFECTIVE AT THE ONSET OF WINTER WEATHER. PARTNERS AND USERS SHOULD NOT HAVE TO MAKE SIGNIFICANT ADJUSTMENTS TO ACCOMMODATE THE CHANGE.

IF YOU HAVE ANY QUESTIONS...PLEASE CONTACT:

JOHN GRIFFITH
WARNING COORDINATION METEOROLOGIST
NWS FORECAST OFFICE
1301 AIRPORT PARKWAY
CHEYENNE WYOMING 82009
307-772-2468 X726

NATIONAL SERVICE CHANGE NOTICES ARE ONLINE AT /USE LOWERCASE/:

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

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