

NOUS41 KWBC 211900  
PNSWSH

SERVICE CHANGE NOTICE 10-34  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
300 PM EDT MON JUN 21 2010

TO: SUBSCRIBERS:  
-FAMILY OF SERVICES  
-NOAA WEATHER WIRE SERVICE  
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OTHER NWS PARTNERS...AND NWS EMPLOYEES

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

SUBJECT: RECONFIGURATION OF PUBLIC FORECAST ZONES IN  
SOUTHEAST ARIZONA EFFECTIVE OCTOBER 15 2010

EFFECTIVE FRIDAY OCTOBER 15 2010 AT 12 NOON MOUNTAIN STANDARD  
TIME /MST/ OR 1900 COORDINATED UNIVERSAL TIME /UTC/...THE NWS  
WEATHER FORECAST OFFICE /WFO/ IN TUCSON AZ /TWC/ WILL  
RECONFIGURE ITS PUBLIC FORECAST ZONES FOR AREAS IN SOUTHEAST  
ARIZONA.

THESE CHANGES WILL RECONFIGURE AND RENAME ALL EIGHT CURRENT  
PUBLIC FORECAST ZONES IN SOUTHEAST ARIZONA...REPLACING THEM WITH  
15 NEW PUBLIC FORECAST ZONES. THESE CHANGES WILL IMPROVE PUBLIC  
FORECAST AND WARNING PRODUCTS AND SERVICES BY BETTER ACCOUNTING  
FOR CLIMATOLOGICAL AND TOPOGRAPHIC DIFFERENCES.

CURRENT WFO TWC PUBLIC FORECAST ZONES AZZ019 AND AZZ029 THROUGH  
AZZ035 WILL BE REPLACED BY NEW ZONES AZZ501 THROUGH AZZ515. A  
DESCRIPTION OF THE NEW ZONES FOLLOWS IN TABLE 1. NOTE THIS  
CHANGE DOES NOT AFFECT CURRENT WFO TWC FIRE WEATHER ZONES.

TABLE 1. NEW WFO TWC AZ PUBLIC FORECAST ZONES:

ZONE NUMBER - AZZ501. ZONE NAME - WESTERN PIMA COUNTY.  
ZONE DESCRIPTION - THIS ZONE INCLUDES AJO AND ORGAN PIPE CACTUS  
NATIONAL MONUMENT AND IS SIMILAR TO CURRENT AZZ030.

ZONE NUMBER - AZZ502. ZONE NAME - TOHONO O ODHAM NATION.  
ZONE DESCRIPTION - THIS ZONE IS SIMILAR TO CURRENT AZZ031 BUT  
ENCOMPASSES THE ENTIRE TOHONO O ODHAM NATION WITHIN PIMA AND  
PINAL COUNTIES BELOW 4000 FEET AND INCLUDES THE CITY OF SELLS.

ZONE NUMBER - AZZ503. ZONE NAME - UPPER SANTA CRUZ RIVER AND  
ALTAR VALLEYS.  
ZONE DESCRIPTION - THIS ZONE INCLUDES MUCH OF SANTA CRUZ  
COUNTY...CURRENT AZZ032...BUT ALSO INCLUDES SMALL PORTIONS OF  
PIMA AND COCHISE COUNTIES. THIS ZONE INCLUDES THE CITY OF

NOGALES AND OTHER ELEVATIONS BELOW 5000 FEET SOUTH OF THE TUCSON METRO AREA. A NUMBER OF SMALL SKY ISLANDS JUST ABOVE 5000 FEET...REPRESENTING PEAKS OF THE SIERRITA AND ATASCOSA MOUNTAINS...ARE ALSO INCLUDED.

ZONE NUMBER - AZZ504. ZONE NAME - TUCSON METRO AREA.  
ZONE DESCRIPTION - THIS ZONE IS SIMILAR TO CURRENT AZZ033 BUT ONLY INCLUDES ELEVATIONS BELOW 5000 FEET. THIS ZONE INCLUDES TUCSON...GREEN VALLEY...MARANA AND VAIL.

ZONE NUMBER - AZZ505. ZONE NAME - SOUTH CENTRAL PINAL COUNTY.  
ZONE DESCRIPTION - THIS ZONE INCLUDES THE LOWLANDS BELOW 2500 FEET WHICH GENERALLY BORDER INTERSTATE 10 IN SOUTHERN PINAL COUNTY AND INCLUDES ELOY AND PICACHO PEAK STATE PARK.

ZONE NUMBER - AZZ506. ZONE NAME - SOUTHEAST PINAL COUNTY.  
ZONE DESCRIPTION - THIS ZONE CONSISTS OF THE EASTERN HALF OF CURRENT AZZ029. IT INCLUDES ELEVATIONS BETWEEN 2500 AND 5000 FEET AS WELL AS LOWER ELEVATIONS SUCH AS THE LOWER SAN PEDRO RIVER VALLEY IN SOUTHEAST PINAL COUNTY. THIS ZONE INCLUDES KEARNY...MAMMOTH AND ORACLE.

ZONE NUMBER - AZZ507. ZONE NAME - UPPER SAN PEDRO RIVER VALLEY.  
ZONE DESCRIPTION - THIS ZONE PRIMARILY CONTAINS THE WESTERN THIRD OF COCHISE COUNTY BELOW 5000 FEET BUT CONTAINS SMALL ADJACENT SECTIONS OF GRAHAM...PIMA AND SANTA CRUZ COUNTIES. THIS ZONE INCLUDES THE CITIES OF SIERRA VISTA...BENSON AND TOMBSTONE...AS WELL AS KARTCHNER CAVERNS STATE PARK.

ZONE NUMBER - AZZ508. ZONE NAME - EASTERN COCHISE COUNTY BELOW 5000 FEET.  
ZONE DESCRIPTION - THIS ZONE CONTAINS THE EASTERN TWO THIRDS OF COCHISE COUNTY BELOW 5000 FEET...INCLUDING THE SULPHUR SPRINGS VALLEY...THE SAN SIMON VALLEY AND THE SAN BERNARDINO VALLEY. THE INTERSTATE 10 CORRIDOR THROUGH TEXAS CANYON IS ALSO INCLUDED. SMALL SKY ISLANDS JUST ABOVE 5000 FEET...REPRESENTING PEAKS OF THE PELONCILLO MOUNTAINS OF NORTHEAST COCHISE COUNTY...ARE ALSO INCLUDED IN THIS ZONE. THIS ZONE CONTAINS THE CITIES OF DOUGLAS AND WILLCOX.

ZONE NUMBER - AZZ509. ZONE NAME - UPPER GILA RIVER AND ARAVAIPA VALLEYS.  
ZONE DESCRIPTION - THIS ZONE CONSISTS OF NEARLY ALL OF GRAHAM AND GREENLEE COUNTIES BELOW 5000 FEET...EXCEPT FOR THOSE AREAS OF EXTREME SOUTHWEST GRAHAM COUNTY SOUTHWEST OF THE GALIURO MOUNTAINS. A NUMBER OF SMALL SKY ISLANDS JUST ABOVE 5000 FEET...REPRESENTING PEAKS OF THE PELONCILLO AND WHITLOCK MOUNTAINS OF SOUTHEAST GRAHAM AND SOUTHERN GREENLEE COUNTIES... ARE ALSO INCLUDED IN THIS ZONE. THIS ZONE CONTAINS THE CITIES OF CLIFTON AND SAFFORD.

ZONE NUMBER - AZZ510. ZONE NAME - WHITE MOUNTAINS OF GRAHAM AND GREENLEE COUNTIES.  
ZONE DESCRIPTION - THIS ZONE CONTAINS THE CONTIGUOUS AREAS OF

NORTHEAST GRAHAM AND NORTHERN GREENLEE COUNTIES ABOVE 5000 FEET.  
THIS ZONE INCLUDES HANNAGAN MEADOW.

ZONE NUMBER - AZZ511. ZONE NAME - GALIURO AND PINALENO MOUNTAINS.

ZONE DESCRIPTION - THIS ZONE CONSISTS OF NONCONTIGUOUS AREAS ABOVE 5000 FEET INCLUDING THE GALIURO...PINALENO...SANTA TERESA AND WINCHESTER MOUNTAINS OF SOUTHWEST GRAHAM AND EXTREME NORTHWEST COCHISE COUNTIES. THIS ZONE INCLUDES MOUNT GRAHAM.

ZONE NUMBER - AZZ512. ZONE NAME - CHIRICAHUA MOUNTAINS.

ZONE DESCRIPTION - THIS ZONE CONTAINS NONCONTIGUOUS AREAS ABOVE 5000 FEET IN SOUTHEAST COCHISE COUNTY. IT PRIMARILY CONSISTS OF THE CHIRICAHUA MOUNTAINS BUT ALSO INCLUDES SMALLER MOUNTAIN RANGES SUCH AS THE DOS CABEZAS...PEDRAGOSAS...SWISSHELMS AND THE SECTION OF THE PELONCILLOS NEAR THE INTERNATIONAL BORDER. THIS ZONE INCLUDES THE CHIRICAHUA NATIONAL MONUMENT.

ZONE NUMBER - AZZ513. ZONE NAME - DRAGOON/MULE/HUACHUCA AND SANTA RITA MOUNTAINS.

ZONE DESCRIPTION - THIS ZONE CONSISTS OF NONCONTIGUOUS AREAS ABOVE 5000 FEET... INCLUDING THE DRAGOON...LITTLE DRAGOON... MULE...HUACHUCA...PATAGONIA...SANTA RITA AND WHETSTONE MOUNTAINS OF WESTERN COCHISE COUNTY AND ADJACENT SECTIONS OF SOUTHEAST PIMA AND SOUTHEAST SANTA CRUZ COUNTIES. THIS ZONE INCLUDES THE CITY OF BISBEE ALONG WITH CANELO HILLS AND MADERA CANYON.

ZONE NUMBER - AZZ514. ZONE NAME - SANTA CATALINA AND RINCON MOUNTAINS.

ZONE DESCRIPTION - THIS ZONE CONSISTS OF NONCONTIGUOUS AREAS ABOVE 5000 FEET INCLUDING THE SANTA CATALINA AND RINCON MOUNTAINS OF NORTHEAST PIMA AND EXTREME SOUTHEAST PINAL COUNTIES. THIS ZONE INCLUDES MOUNT LEMMON AND SUMMERHAVEN.

ZONE NUMBER - AZZ515. ZONE NAME - BABOQUIVARI MOUNTAINS.

ZONE DESCRIPTION - THIS ZONE CONSISTS OF CONTIGUOUS AREAS OF THE TOHONO O ODHAM NATION ABOVE 4000 FEET INCLUDING THE BABOQUIVARI MOUNTAINS. THIS ZONE INCLUDES KITT PEAK.

A MAP DEPICTING THE RECONFIGURED PUBLIC ZONES IS ONLINE AT  
/USE LOWER CASE/:

[HTTP://WWW.WEATHER.GOV/OS/NOTIFICATION/RESOURCES/TWC\\_ZONES.PDF](http://www.weather.gov/os/notification/resources/twc_zones.pdf)

TABLE 2. WFO TWC PUBLIC WEATHER PRODUCTS AFFECTED BY THIS RECONFIGURATION OF PUBLIC FORECAST ZONES:

PRODUCT NAME	WMO HEADING	AWIPS ID
SPECIAL WEATHER STATEMENT	WWUS85 KTWC	SPSTWC
ZONE FORECAST	FPUS55 KTWC	ZFPTWC
SHORT TERM FORECAST	FPUS75 KTWC	NOWTWC
HAZARDOUS WEATHER OUTLOOK	FLUS45 KTWC	HWOTWC
WINTER WEATHER PRODUCTS	WWUS45 KTWC	WSWTWC
NON PRECIPITATION PRODUCTS	WWUS75 KTWC	NPWTWC

PUBLIC INFORMATION STATEMENT NOUS45 KTWC PNSTWC  
FLOOD WATCH WGUS65 KTWC FFATWC  
TABULAR STATE FORECAST FPUS65 KTWC SFTTWC

PARTNERS AND USERS MUST REPROGRAM AFFECTED HARDWARE AND SOFTWARE TO CONTINUE CORRECTLY PROCESSING PRODUCTS AFFECTED BY THIS RECONFIGURATION. THESE CHANGES ONLY AFFECT PRODUCTS THAT USE THE ZONE FORM OF THE UNIVERSAL GEOGRAPHIC CODE /UGC/ AND DO NOT AFFECT PRODUCTS THAT USE THE COUNTY FORM OF UGC.

UPDATED PUBLIC ZONE SHAPEFILES ARE ONLINE AT /USE LOWERCASE/:

[HTTP://WWW.WEATHER.GOV/GEODATA/CATALOG/WSOM/HTML/PUBZONE.HTM](http://www.weather.gov/geodata/catalog/wsom/html/pubzone.htm)

IF YOU HAVE ANY QUESTIONS...PLEASE CONTACT:

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

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

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