

STATE OF ARIZONA

EMERGENCY ALERT SYSTEM OPERATIONAL PLAN

Revised: February 10, 1998

This plan was prepared by the Arizona State Emergency Communications Committee in cooperation with the Arizona Division of Emergency Management; the National Weather Service - Phoenix; the Arizona Broadcasters Association; the Arizona Cable Association; State and local officials; and the broadcasters and cable systems of Arizona.

NOTE: Internal EAS Local Area operating procedures of the broadcasters, cable systems, State officials or the National Weather Service, relating to the State EAS Operational Plan are attached as an Annex to this plan.

EMERGENCY ALERT SYSTEM (EAS) CHECKLIST  
FOR BROADCAST STATIONS AND CABLE SYSTEMS

\_\_\_\_\_/\_\_\_\_\_  
Your EAS Local Area                      Your EAS Monitoring Assignments

\_\_\_\_\_ 1. All personnel trained in EAS procedures and in the use of EAS equipment.

\_\_\_\_\_ 2. EAS encoders and decoders installed and operating.

\_\_\_\_\_ 3. Correct assignments monitored, according to EAS State or Local Area plans.

\_\_\_\_\_ 4. Weekly and monthly EAS tests received and logged.

\_\_\_\_\_ 5. Weekly and monthly EAS test transmissions made and logged.

\_\_\_\_\_ 6. EAS Operating Handbook immediately available.

\_\_\_\_\_ 7. Red Authenticator envelope immediately available (broadcasters only).

\_\_\_\_\_ 8. Copies of EAS State and Local Area plans immediately available.

\_\_\_\_\_ 9. Copy of FCC EAS Rules and Regulations (Part 11) and, if appropriate, AM station emergency operation (Section 73.1250) available.

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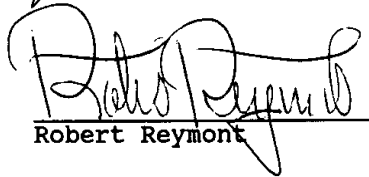
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APPROVALS AND CONCURRENCES

  
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12-10-97  
(date)

Governor, State of  
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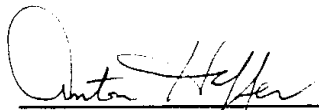
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Communication  
Committee

  
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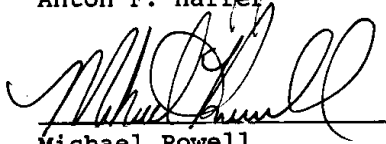
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State Emergency  
Communications  
Committee

  
Anton F. Haffer

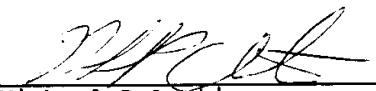
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## **PURPOSE**

The purpose of this document is to explain and provide procedures for the broadcast and cable services and designated government officials of Arizona to disseminate emergency information and instructions in threatened or actual emergencies.

## **AUTHORITY**

Title 47 U.S.C. 151, 154(i) and (o), 303(r), 524(g) and 606; and 47 C.F.R. Part 11, FCC Rules and Regulations, Emergency Alert System (EAS) as pertains to day-to-day emergency operations.

## **INTRODUCTION**

These procedures were prepared by the Arizona State Emergency Communications Committee; the Arizona Division of Emergency Management; the Federal Communications Commission; the National Weather Service; State and local officials; and the broadcasters and cable operators of Arizona. It provides background data and prescribes specific procedures for the broadcast and cable media to issue emergency information and warning to the general public in Arizona or any portion thereof within the broadcast coverage and cable system service area, at the request of designated State and Federal government officials.

Acceptance of, or participation in this plan shall not be deemed to prohibit a licensee or cable operator from exercising his independent discretion and responsibility in any given situation. The concept of management of each broadcast station or cable system to exercise discretion regarding the transmission of emergency messages and instructions to the general public is provided by the FCC Rules and Regulations, Part 11. Broadcast stations and cable systems originating emergency communications shall be deemed to have conferred rebroadcast authority as specified in Section § 11.54(d).

Detailed procedures, agreed upon by the broadcast and cable industries and the local area governments, which will permit designated government officials to issue local emergency messages and instructions, via the EAS in threatened or actual emergencies, are attached to this plan as individual appendices for each EAS local Area.

## **GENERAL CONSIDERATIONS**

The listening and viewing habits of the public are inherent factors of consideration and are conducive to the positive effectiveness of the Arizona EAS. The instinctive reaction of the average person is to turn on his radio or television set in time of emergency. Continuing public education is required to increase public awareness of the Arizona EAS as an established medium for the receipt and distribution of emergency information to the general public at the local, State, and National levels.

## **DEFINITIONS**

**EMERGENCY:** A situation posing an extraordinary threat to the safety of life and property. Examples are, but not limited to natural situations such as: tornadoes, flash floods, icing conditions, heavy snows, widespread fires; and man-made situations such as: discharge of toxic gases, widespread power failures, industrial explosions, civil disorders and nuclear incidents.

**SEVERE WEATHER WATCH:** A severe weather WATCH indicates that the probability of a particular severe weather storm is high. It is an alert to the public of such severe weather conditions.

**SEVERE WEATHER WARNING:** A severe weather WARNING indicates that a particular severe weather event has actually been sighted or is imminent in an area. It serves notice to the public that severe weather conditions are almost certain to occur.

**DESIGNATED GOVERNMENT OFFICIALS:** The person or persons designated by governments signatory to this procedure to request activation of the EAS and to make emergency announcements (see Annex A).

## **ACTIVATION**

The Arizona EAS is activated by a request from authorized officials to the State's EAS State Primary (SP) sources. The SP sources, KTAR and KKLTV are in Phoenix and are key with respect to activation of the EAS at the State level. All Local Primary (LP) sources in each EAS Local Area and State Relay (SR) sources should monitor the above SP sources, or according to the Arizona EAS State Relay Network (see Annex F) for further dissemination of State level emergency information to all other stations and cable systems and the public.

**GENERAL PROCEDURES FOR USE OF BROADCAST STATION AND CABLE SYSTEMS**

A. When a severe weather WATCH and/or WARNING is issued by the National Weather Service (NWS) for areas within Arizona, Local Primary (LP) source stations and cable systems can receive this information using any of these available communications means: NOAA Weather Radio (NWR), Associated Press (AP), United Press International (UPI), or NOAA Weather Radio Service (NWWS). Only select WARNINGS will be designated for EAS activation. Commercial telephone notification will be the backup for any of the preceding communications systems. (See ANNEX G for specifics)

B. When a statewide emergency exists, the Governor or a designated official from the list provided to broadcasters and cable operators will determine whether or not to request activation of the Arizona EAS through the SP sources.

C. For unique emergency situations not involving the entire state, authorities may request EAS activation through the Local Primary (LP) source serving the affected EAS Local Area.

D. The Arizona State Emergency Communications Committee and the Arizona Division of Emergency Management will issue a list of authorized officials and authentication procedures for requesting activation of the Arizona EAS (see Annexes A and B). These are published on a need to know basis.

**COMMUNICATIONS BETWEEN THE ARIZONA DIVISION OF EMERGENCY MANAGEMENT, THE NATIONAL WEATHER SERVICE, AND THE BROADCAST AND CABLE FACILITIES OF ARIZONA**

1. Commercial telephone exists between the Arizona Division of Emergency Management, the NWS, and the broadcast and cable facilities of the state.

	(telephone numbers)
State Primary (SP) sources: KTAR/KKLT	263-5556
Governor's Office:	542-1374
After hours (DPS Duty Officer)	223-2212
Division of Emergency Management:	244-0504
National Weather Service:	
Phoenix	(602) 379-4611 (Unlisted/Restricted)
Tucson	(520) 670-5160 (Unlisted/Restricted)
Flagstaff	(520) 774-4164 (Unlisted/Restricted)
Las Vegas	(702) 263-9750 (Unlisted/Restricted)

2. Remote pickup units (two way radios) are available between the Arizona Emergency Operating Center and the SP sources at KTAR/KKLT. The operating frequency is 450.150 MHz.

**IMPLEMENTATION**

A. Procedures for Arizona Activating Officials.

1. Request activation of the EAS facilities through KTAR/KKLT, (State Primary sources), using prearranged authentication procedures (see Annex B) as soon as possible.

2. Work out program details (i.e., live or recorded, immediate or delayed) with broadcast and cable personnel.

3. It is recommended that government officials use the following format when delivering the emergency announcement. The format is deliberately general in nature to allow for the uniqueness of each emergency situation, yet broad enough to insure completeness.

a. "This is \_\_\_\_\_ of \_\_\_\_\_  
(name/title) (jurisdiction)  
with a request to activate the Arizona Emergency  
Alert System. I authenticate as follows:  
\_\_\_\_\_."

b. Situation summary (describe the nature of the emergency).

c. Instructions or message to the public.

d. Actions being taken by state and/or local government(s).

4. Keep line open if necessary.

5. Issue Arizona EAS Termination.

B. Procedures for Broadcast stations and Cable systems.

1. Upon receipt of a request to activate EAS at the state level, the operator at KTAR/KKLT (State Primary source) will authenticate (see Annex B) and if possible begin recording all emergency messages and proceed as follows:

a. Transmit the following announcement:

"WE INTERRUPT THIS PROGRAM BECAUSE OF A STATE  
EMERGENCY. IMPORTANT INFORMATION WILL FOLLOW."

b. Transmit the Emergency Alert System header codes and

Attention Signal: (FCC Regulations, Section § 11.51)

c. Transmit the following announcement:

"WE INTERRUPT THIS PROGRAM TO ACTIVATE THE \_\_\_\_\_  
EMERGENCY ALERT SYSTEM AT THE REQUEST OF \_\_\_\_\_  
\_\_\_\_\_ AT \_\_\_\_\_."  
(authority) (time)

d. Make the emergency announcement. Repeat as necessary and include the source of information and time received. Message must be less than two minutes.

e. If EAS operations are now concluded, transmit the EAS End of Message (EOM) code (see FCC Regulations, Section § 11.31). Otherwise keep program open and transmit the EOM code after the program is over.

Important Note: Broadcasters and cable operators have the option of transmitting only the EAS header and EOM codes without the Attention Signal and emergency announcement. This is acceptable so that EAS coded messages can be quickly relayed through areas unaffected by the emergency.

2. Each broadcast station and cable system, upon receipt of a State level emergency action notification will, at the discretion of management, perform the same procedures as outlined in B.1. above, including recording all emergency messages.

3. To avoid unnecessary escalation of public confusion, all broadcast stations and cable systems must be cautious in providing information and news pertaining to the emergency. All messages must be based on definite and confirmed facts. The public must not be left to decide what is or is not factual.

4. Upon completion of the above transmission procedures, resume normal programming. Appropriate notations should be made in station and cable records and logs of all significant events. These records should be carefully preserved in the event they are required at some later date (FCC Regulations, Section § 11.55). Stations and cable systems may send a very brief summary to the FCC for information purposes.

5. If operations were not concluded as specified in B.1.e. above, upon receipt of the termination notice from the activating official, make the following announcement and transmit the EOM code. The termination announcement must be preceded by the EAS header codes, two-tone and followed by an EOM.

"THIS CONCLUDES OPERATIONS UNDER THE ARIZONA  
EMERGENCY ALERT SYSTEM. ALL BROADCAST STATIONS AND  
CABLE SYSTEMS MAY NOW RESUME NORMAL OPERATIONS."  
(Repeat announcement).

### **TESTS**

Statewide tests of the Arizona Emergency Alert System will be conducted at a frequency adequate to assure the successful operation of the system. Tests will be initiated by the broadcast and cable chairs of the State Emergency Communications Committee in coordination with the Arizona Division of Emergency Management.

ANNEX A

LIST OF OFFICIALS DESIGNATED TO ACTIVATE THE ARIZONA EAS

The Honorable Jane D. Hull, Governor, State of Arizona,

Michael P. Austin, Director, Arizona Division of Emergency  
Management

Anton Haffer, MIC, National Weather Service, Phoenix

## ANNEX B

### AUTHENTICATION PROCEDURES TO BE USED TO ACTIVATE THE ARIZONA EAS

The authentication to be used for activation will be determined by the management of the State Primary source, KTAR/KKLT and concerned officials. One method is to call back the appropriate number below with authentication codes if they are used as part of the authentication process. Authorization passwords will be issued.

Note: National Weather Service (NWS) WATCHES and/or WARNINGS received via NOAA Weather Radio (NWR), NOAA Weather Wire Service (NWWS) or Associated Press (AP), and United Press International (UPI) wire services do not need additional authentication.

1. Arizona State EOC - (602) 244-0504
2. National Weather Service:

Phoenix	(602) 379-4611 (Unlisted/Restricted)
Tucson	(520) 670-5160 (Unlisted/Restricted)
Flagstaff	(520) 774-4164 (Unlisted/Restricted)
Las Vegas	(702) 263-9750 (Unlisted/Restricted)

### AUTHORIZED SOURCES FOR ACTIVATING THE EAS

The following agencies are the only sources authorized to declare and/or originate any EAS Alert containing the title "WARNING" or "ACTIVATION". Arizona broadcasters and cable operators shall not originate a "WARNING" or "ACTIVATION", unless they are doing so at the direction of an authorized agency which does not have its own EAS Encoder to originate the EAS Alert itself. This restriction applies to all Event Codes containing the title "WARNING" or "ACTIVATION", including the "TORNADO WARNING" Code "TOR".

### WEATHER EAS ACTIVATIONS

All Weather EAS Activations are to be originated by the National Weather Service (NWS), via NOAA Weather Radio (NWR), or in a backup mode by telephone. EAS Activations are also disseminated via the Contel Weather Teletype, NOAA Weather Wire Service (NWWS), and the Associated Press (AP), and United Press International (UPI). An EAS Weather Alert received via one of these teletypes shall constitute valid authorization for a broadcaster or cable operator to transmit an EAS Weather Alert.

### CIVIL-EMERGENCY EAS ALERTS

All local emergencies other than weather alerts, shall be

declared only by the Local County Sheriff Department, or County Emergency Government agency. If another agency is to be used in declaring local emergencies, it shall be listed in the appropriate Local Area EAS Plan.

NUCLEAR PLANT / INDUSTRIAL PLANT EAS ALERTS

Nuclear plant codes have not yet been adopted by the FCC. When they are, they will be nationally standardized.

Industrial Plants with authority to originate these codes: None, at this time.

**Annex C**  
**EAS Broadcast Station Information**

EAS Lookup Table

<b>City of License</b>		<b>County</b>	<b>FIPS Code</b>	<b>Local Area</b>
APACHE JUNCTION	AZ	PINAL	04021	PHOENIX
ARIZONA CITY	AZ	PIMA	04019	TUCSON
BENSON	AZ	COCHISE	04003	COCHISE
BISBEE	AZ	COCHISE	04003	COCHISE
BLACK CANYON CITY	AZ	YAVAPAI	04025	PRESCOTT
BUCKEYE	AZ	MARICOPA	04013	PHOENIX
BULLHEAD CITY	AZ	MOHAVE	04015	MOHAVE
CASA GRANDE	AZ	PINAL	04021	PHOENIX
CHANDLER	AZ	MARICOPA	04013	PHOENIX
CHINLE	AZ	APACHE	04001	HOLBROOK
CLAYPOOL	AZ	GILA	04007	GILA
CLIFTON	AZ	GREENLEE	04011	SAFFORD
COLORADO CITY	AZ	MOHAVE	04015	MOHAVE
COOLIDGE	AZ	PINAL	04021	PHOENIX
COTTONWOOD	AZ	YAVAPAI	04025	PRESCOTT
DOUGLAS	AZ	COCHISE	04003	COCHISE
EAGER	AZ	APACHE	04001	HOLBROOK
FLAGSTAFF	AZ	COCONINO	04005	FLAGSTAFF
GLENDALE	AZ	MARICOPA	04013	PHOENIX
GLOBE	AZ	GILA	04007	GILA
GREEN VALLEY	AZ	PIMA	04019	TUCSON
HOLBROOK	AZ	NAVAJO	04017	HOLBROOK
KACHINA VILLAGE	AZ	COCONINO	04005	FLAGSTAFF
KEARNY	AZ	PINAL	04021	TUCSON
KINGMAN	AZ	MOHAVE	04015	MOHAVE
LAKE HAVASU CITY	AZ	MOHAVE	04015	MOHAVE
MARANA	AZ	PIMA	04019	TUCSON
MESA	AZ	MARICOPA	04013	PHOENIX
MIAMI	AZ	GILA	04007	GILA
NOGALES	AZ	SANTA CRUZ	04023	TUCSON
ORACLE	AZ	PINAL	04021	TUCSON
PAGE	AZ	COCONINO	04005	FLAGSTAFF
PARADISE VALLEY	AZ	MARICOPA	04013	PHOENIX
PARKER	AZ	YUMA	04027	YUMA
PAYSON	AZ	GILA	04007	GILA
PHOENIX	AZ	MARICOPA	04013	PHOENIX
PRESCOTT	AZ	YAVAPAI	04025	PRESCOTT
PRESCOTT VALLEY	AZ	YAVAPAI	04025	PRESCOTT
QUARTZSITE	AZ	LA PAZ	04012	YUMA
QUARTZSITE	AZ	YUMA	04027	YUMA
SAFFORD	AZ	GRAHAM	04009	SAFFORD
SAHUARITA	AZ	PIMA	04019	TUCSON
SCOTTSDALE	AZ	MARICOPA	04013	PHOENIX
SEDONA	AZ	COCONINO	04005	FLAGSTAFF
SELIGMAN	AZ	YAVAPAI	04025	PRESCOTT
SHOWLOW	AZ	NAVAJO	04017	HOLBROOK

<b>City of License</b>		<b>County</b>	<b>FIPS Code</b>	<b>Local Area</b>
SIERRA VISTA	AZ	COCHISE	04003	COCHISE
SOUTH TUCSON	AZ	PIMA	04019	TUCSON
SPRINGERVILLE	AZ	APACHE	04001	HOLBROOK
SUN CITY	AZ	MARICOPA	04013	PHOENIX
TEMPE	AZ	MARICOPA	04013	PHOENIX
THATCHER	AZ	GRAHAM	04009	SAFFORD
TOLLESON	AZ	PINAL	04021	PHOENIX
TSAILE	AZ	APACHE	04001	HOLBROOK
TUBA CITY	AZ	COCONINO	04005	FLAGSTAFF
TUCSON	AZ	PIMA	04019	TUCSON
TUSAYAN	AZ	COCONINO	04005	FLAGSTAFF
WHITERIVER	AZ	NAVAJO	04017	HOLBROOK
WICKENBURG	AZ	MARICOPA	04013	PHOENIX
WILLCOX	AZ	COCHISE	04003	COCHISE
WILLIAMS	AZ	COCONINO	04005	FLAGSTAFF
WINDOW ROCK	AZ	NAVAJO	04017	HOLBROOK
WINSLOW	AZ	NAVAJO	04017	HOLBROOK
YUMA	AZ	YUMA	04027	YUMA

## Counties Within Local Areas

State of License: AZ

Local Area: COCHISE	
COCHISE	04003
Local Area: FLAGSTAFF	
COCONINO	04005
Local Area: GILA	
GILA	04007
Local Area: HOLBROOK	
APACHE	04001
NAVAJO	04017
Local Area: MOHAVE	
MOHAVE	04015
Local Area: PHOENIX	
MARICOPA	04013
PINAL	04021
Local Area: PRESCOTT	
YAVAPAI	04025
Local Area: SAFFORD	
GRAHAM	04009
GREENLEE	04011
Local Area: TUCSON	
PIMA	04019
PINAL	04019
SANTA CRUZ	04023
Local Area: YUMA	
LA PAZ	04012
YUMA	04027

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**BROADCAST STATIONS - HOLBROOK EAS LOCAL AREA**

**CALL SIGN  
FIPS CODE  
CITY OF LICENSE  
FREQUENCY  
FACILITIES  
EAS DESIGNATION**

KFXR  
04001  
CHINLE  
107.3  
3.6 KW 497 Meters  
PN

KTHQ  
04001  
EAGAR  
92.5  
60. KW 365 Meters  
PN

KDJI  
04017  
HOLBROOK  
1270  
0.13/5. KW ND-1 U  
PN

KZUA  
04017  
HOLBROOK  
92.1  
100. KW 81 Meters  
LP-Z

KRFM  
04017  
SHOW LOW  
96.5  
100. Kw 303 Meters  
LP-1\BSPP

KVSL  
04017  
SHOW LOW  
1450  
1. KW ND-1 U  
PN

KVWM  
04017  
SHOW LOW  
970  
0.114/5. KW ND-1 U  
PN

KVWM-FM  
04017  
SHOW LOW  
93.5  
25.0 KW 45Meters  
SR

KQAZ  
04001  
SPRINGERVILLE  
101.7  
1.10 KW 28 Meters  
PN

KRVZ  
04001  
SPRINGERVILLE  
1400  
1. KW ND-1 U  
PN

KNNB  
04017  
WHITERIVER  
88.1  
0.63 KW 183 Meters  
PN

\*KTNN  
04017  
WINDOW ROCK  
660  
50./50. KW DA-N U  
LP-2

KWIM  
04017  
WINDOW ROCK  
102.7  
13. KW 91 Meters  
PN

KINO  
04017  
WINSLOW  
1230  
1. KW ND-1 U  
PN

\*KTNN Window Rock has been added to the New Mexico plan

**BROADCAST STATIONS - COCHISE EAS LOCAL AREA**

**CALL SIGN  
FIPS CODE  
CITY OF LICENSE  
FREQUENCY  
FACILITIES  
EAS DESIGNATION**

---

KAVV  
04003  
BENSON  
97.7  
0.63 KW 180 Meters  
PN

KAPR  
04003  
DOUGLAS  
930  
0.071/2.5 KW ND-1 U  
NN

KEAL  
04003  
DOUGLAS  
95.3  
3.00 KW 15 Meters  
PN

KNXN  
04003  
SIERRA VISTA  
1470  
0.039/2.5 KW ND-1 U  
PN

KWCX  
04003  
WILLCOX  
98.3  
3.00 KW 17 Meters  
PN

KBZB  
04003  
BISBEE  
1230  
1. KW ND-1 U  
PN

KDAP  
04003  
DOUGLAS  
1450  
1. KW ND-1 U  
LP-1/BSPP

KKYZ  
04003  
SIERRA VISTA  
101.7  
3.00 KW 100 Meters  
PN

KZMK  
04003  
SIERRA VISTA  
100.9  
3.00 KW 14 Meters  
SR\LP-3

KWCD  
04003  
BISBEE  
92.3  
.05 KW 676 Meters  
LP-1

KDAP-FM  
04003  
DOUGLAS  
96.5  
3.00 KW 9 Meters  
PN

KLTW  
04003  
SIERRA VISTA  
1420  
0.5/1.5 KW DA-N U  
LP-2/BSPP

KHIL  
04003  
WILLCOX  
1250  
0.196/5. Kw nd-1 u  
LP-3

**BROADCAST STATIONS - FLAGSTAFF EAS LOCAL AREA**

**CALL SIGN  
FIPS CODE  
CITY OF LICENSE  
FREQUENCY  
FACILITIES  
EAS DESIGNATION**

KAFF  
04005  
FLAGSTAFF  
930  
0.031/5. KW ND-1 U  
LP-2

KAFF-FM  
04005  
FLAGSTAFF  
92.9  
100. KW 461 Meters  
PN

KYET  
04005  
WILLIAMS  
1180  
.25/10. KW  
PN

KKTM  
04005  
FLAGSTAFF  
CH 13  
316 KW 474 Meters  
PN

KMGN  
04005  
FLAGSTAFF  
93.9  
100. KW 460 Meters  
PN

KNAU  
04005  
FLAGSTAFF  
88.7  
100. KW 441 Meters  
LP-1/SR

KNAZ-TV  
04005  
FLAGSTAFF  
CH 02  
100 KW 488 Meters  
PN

KVNA  
04005  
FLAGSTAFF  
600  
0.048/1. KW ND-1 U  
PN

KVNA-FM  
04005  
FLAGSTAFF  
97.5  
100. KW 460 Meters  
PN

KFLX  
04005  
KACHINA VILLAGE  
105.1  
1.0 KW 600 Meters  
PN

KPGE  
04005  
PAGE  
1340  
1. KW ND-1 U  
PN

KXAZ  
04005  
PAGE  
93.5  
12. KW 140 Meters  
LP-2

KAZM  
04005  
SEDONA  
780  
0.25/5. KW DA-N U  
PN

KQST  
04005  
SEDONA  
100.1  
0.50 KW 229 Meters  
PN

KSED  
04005  
SEDONA  
107.5  
100. KW 446 Meters  
PN

KGHR  
04005  
TUBA CITY  
91.5  
.100 KW 8 Meters  
LP-2

KTBA  
04005  
TUBA CITY  
1050  
0.006/5. KW ND-1 U  
PN

KSGC  
04005  
TUSAYAN  
92.1  
1.6 KW 102 Meters  
PN

KWMX  
04005  
WILLIAMS  
96.7  
10.5 KW 343 Meters  
PN

**BROADCAST STATIONS - GILA EAS LOCAL AREA**

**CALL SIGN  
FIPS CODE  
CITY OF LICENSE  
FREQUENCY  
FACILITIES  
EAS DESIGNATION**

---

KIKO-FM  
04007  
CLAYPOOL  
106.1  
6.0 KW 85 Meters  
PN

KHOT-FM  
04007  
GLOBE  
100.3  
90. KW 624 Meters  
SR

KJAA  
04007  
GLOBE  
1240  
1. KW ND-2 U  
PN

KIKO  
04007  
MIAMI  
1340  
1. KW ND-1 U  
LP-1

KQSS  
04007  
MIAMI  
98.3  
3.00 KW 92 Meters  
PN

KMOG  
04007  
PAYSON  
1420  
0.5/2.5 KW DA-N U  
PN

KRIM  
04007  
PAYSON  
104.3  
100. KW 312 Meters  
PN

KRXS-FM  
04007  
GLOBE  
97.3  
.16 1039 Meters  
PN

**BROADCAST STATIONS - MOHAVE EAS LOCAL AREA**

**CALL SIGN  
FIPS CODE  
CITY OF LICENSE  
FREQUENCY  
FACILITIES  
EAS DESIGNATION**

---

KBAS  
04015  
BULLHEAD CITY  
1490  
1. KW ND-1 U  
PN

KFLG  
04015  
BULLHEAD CITY  
1000  
1. KW ND-D D  
PN

KFLG-FM  
04015  
BULLHEAD CITY  
102.7  
53.0 KW 734 Meters  
LP-2

KCCA  
04015  
COLORADO CITY  
107.1  
6.1 KW 100 Meters  
PN

KAAA  
04015  
KINGMAN  
1230  
1. KW ND-1 U  
LP-1\BSPP

KGMN  
04015  
KINGMAN  
99.9  
.910 KW 883 Meters  
PN

KMOH-TV  
04015  
KINGMAN  
CH 06  
100 KW 585 Meters  
PN

KRCY  
04015  
KINGMAN  
105.9  
17. Kw 576 Meters  
PN

KZZZ  
04015  
KINGMAN  
94.7  
46. KW 760 Meters  
LP-1

KBBC  
04015  
LAKE HAVASU CITY  
95.9  
3.00 KW 87 Meters  
PN

KFWJ  
04015  
LAKE HAVASU CITY  
980  
0.052/1. KW ND-1 U  
PN

KJCC  
04015  
LAKE HAVASU CITY  
92.7  
0.72 KW 814 Meters  
PN

KNLB  
04015  
LAKE HAVASU CITY  
91.1  
1.15 KW 138 Meters  
PN

KZUL-FM  
04015  
LAKE HAVASU CITY  
104.5  
1.05 KW 814 Meters  
PN

**BROADCAST STATIONS - PHOENIX EAS LOCAL AREA**

**CALL SIGN  
FIPS CODE  
CITY OF LICENSE  
FREQUENCY  
FACILITIES  
EAS DESIGNATION**

-----  
KVVA-FM  
04021  
APACHE JUNCTION  
107.1  
2.50 KW 98 Meters  
NN

KMJK  
04013  
BUCKEYE  
106.9  
6.0 KW 93 Meters  
PN

KFAS  
04021  
CASA GRANDE  
1260  
1. KW ND-D D  
PN

KLVA  
04021  
CASA GRANDE  
105.5  
50.0 KW 150 Meters  
PN

KMLE  
04013  
CHANDLER  
107.9  
100. KW 529 Meters  
PN

KBZR  
04021  
COOLIDGE  
103.9  
1.4 KW 410 Meters  
PN

KCKY  
04021  
COOLIDGE  
1150  
1./5. KW DA-2 U  
PN

KGME  
04013  
GLENDALE  
1360  
1./5. KW DA-N U  
PN

KKFR  
04013  
GLENDALE  
92.3  
100. KW 502 Meters  
PN

KOAZ  
04013  
GLENDALE  
103.5  
62. KW 740 Meters  
PN

KDKB  
04013  
MESA  
93.3  
100. KW 469 Meters  
PN

KAET  
04013  
PHOENIX  
316 KW, 536 METERS  
LP-2/SR

KFNN  
04013  
MESA  
1510  
10. KW ND-D D  
PN

KPNX  
04013  
MESA  
CH 12  
316 KW 543 Meters  
PN

KXAM  
04013  
MESA  
1310  
0.5/5. KW DA-N U  
LP-2

KZZP  
04013  
MESA  
104.7  
100. KW 472 Meters  
PN

KASA  
04013  
PHOENIX  
1540  
0.019/10. KW DA-2 U  
NN

KBAQ  
04013  
PHOENIX  
89.5  
.091 KW 446 Meters  
PN

KESZ  
04013  
PHOENIX  
99.9  
100. KW 509 Meters  
PN

**BROADCAST STATIONS - PHOENIX EAS LOCAL AREA**

**CALL SIGN  
FIPS CODE  
CITY OF LICENSE  
FREQUENCY  
FACILITIES  
EAS DESIGNATION**

-----  
KFLR-FM  
04013  
PHOENIX  
90.3  
2.80 KW 487 Meters  
PN

KFYI  
04013  
PHOENIX  
910  
5./5. KW DA-N U  
LP-3

KHEP  
04013  
PHOENIX  
1280  
0.049/2.5 KW ND-1 U  
PN

KHTC  
04013  
PHOENIX  
96.9  
100. KW 475 Meters  
PN

KIDR  
04013  
PHOENIX  
740  
0.292-1. KW DA-2 U  
PN

KISO  
04013  
PHOENIX  
1230  
1. KW ND-1 U  
PN

KJZZ  
04013  
PHOENIX  
91.5  
100. KW 490 Meters  
PN

KKLT  
04013  
PHOENIX  
98.7  
100. KW 545 Meters  
SP\LP-2

KNAI  
04013  
PHOENIX  
88.3  
22.5 KW 304 Meters  
PN

KNIX-FM  
04013  
PHOENIX  
102.5  
100. KW 494 Meters  
PN

KNXV-TV  
04013  
PHOENIX  
CH 15  
537 KW 521 Meters  
PN

KOOL  
04013  
PHOENIX  
960  
5./5. KW DA-N U  
PN

KOOL-FM  
04013  
PHOENIX  
94.5  
100. KW 539 Meters  
PN

KOY  
04013  
PHOENIX  
550  
1./5. KKW ND-1 U  
PN

KPAZ-TV  
04013  
PHOENIX  
CH 21  
1290 KW 489 Meters  
PN

KPHO-TV  
04013  
PHOENIX  
CH 05  
100 KW 539 Meters  
PN

KPHX  
04013  
PHOENIX  
1480  
0.5/1. KW DA-2 U  
PN

KSAZ-TV  
04013  
PHOENIX  
CH 10  
316 KW 558 Meters  
PN

KSUN  
04013  
PHOENIX  
1400  
1. KW ND-1 U  
PN

KTAR  
04013  
PHOENIX  
620  
5./5. KW DA-N U  
LP-1\BSPP

KTVK  
04013  
PHOENIX  
CH 03  
100 KW 542 Meters  
PN

**BROADCAST STATIONS - PHOENIX EAS LOCAL AREA**

**CALL SIGN  
FIPS CODE  
CITY OF LICENSE  
FREQUENCY  
FACILITIES  
EAS DESIGNATION**

-----

KTVW-TV  
04013  
PHOENIX  
CH 33  
2290 KW 521 Meters  
NN

KUTP-TV  
04013  
PHOENIX  
CH 45  
2750 KW 545 Meters  
PN

KVVA  
04013  
PHOENIX  
860  
1./1. KW DA-N U  
PN

KYOT-FM  
04013  
PHOENIX  
95.5  
100. KW 479 Meters  
PN

KZON  
04013  
PHOENIX  
101.5  
100. KW 530 Meters  
PN

KSLX  
04013  
PHOENIX  
1440  
0.052/5. KW ND-1 U  
PN

KSLX-FM  
04013  
SCOTTSDALE  
100.7  
100. KW 561 Meters  
PN

KEDJ  
04013  
SUN CITY  
106.3  
2.50 KW 99 Meters  
PN

KCWW  
04013  
TEMPE  
1580  
50./50. KW DA-N U  
PN

KUKQ  
04013  
TEMPE  
1060  
0.5/5. KW DA-N U  
PN

KUPD  
04013  
TEMPE  
97.9  
100. KW 494 Meters  
PN

KRDS  
04021  
TOLLESON  
1190  
0.25/5. KW DA-2 U  
PN

KXEG  
04021  
TELLESON  
1010  
0.25/7.5 WK DA-D U  
PN

KBSZ  
04013  
WICKENBURG  
1250  
0.1/0.35 KW ND-1 U  
PN

KBSZ-FM  
04013  
WICKENBURG  
93.7  
1.5 KW 201 Meters  
PN

KRDS-FM  
04013  
WICKENBURG  
105.3  
4.0 KW 416 Meters  
PN

**BROADCAST STATIONS - PRESCOTT EAS LOCAL AREA**

**CALL SIGN  
FIPS CODE  
CITY OF LICENSE  
FREQUENCY  
FACILITIES  
EAS DESIGNATION**

-----  
KUET  
04025  
BLACK CANYON CITY  
710  
0.5 KW DA-D D  
PN

KVRD-FM  
04025  
COTTONWOOD  
105.7  
.038 KW 779 Meters  
PN

KYBC  
04025  
COTTONWOOD  
1600  
1. KW ND-D D  
PN

KZGL  
04025  
COTTONWOOD  
95.9  
9.0 KW 760 Meters  
PN

KAHM  
04025  
PRESCOTT  
102.1  
58. KW 770 Meters  
LP-1

KGCB  
04025  
PRESCOTT  
90.9  
58. KW 772 Meters  
PN

KNOT  
04025  
PRESCOTT  
1450  
1. KW ND-1 U  
NN

KNOT-FM  
04025  
PRESCOTT  
99.1  
6.0 KW 61 Meters  
NN

KQNA  
04025  
PRESCOTT  
1130  
1. KW ND-D D  
PN

KUSK  
04025  
PRESCOTT  
CH 07  
8.71 KW 856 Meters  
PN

KYCA  
04025  
PRESCOTT  
1490  
1. KW ND-1 U  
LP-1\BSPP

KPPV  
04025  
PRESCOTT VALLEY  
106.7  
3.7 KW 493 Meters  
PN

KJJJ  
04025  
SELIGMAN  
103.3  
1.75 KW 129 Meters  
PN

KKLD  
04025  
PRESCOTT VALLEY  
98.3  
.88/ 776 Meters  
LP-2

**BROADCAST STATIONS - SAFFORD EAS LOCAL AREA**

**CALL SIGN  
FIPS CODE  
CITY OF LICENSE  
FREQUENCY  
FACILITY  
EAS DESIGNATION**

---

KCUZ  
04011  
CLIFTON  
1490  
1. KW ND-1 H  
PN

KWRQ  
04011  
CLIFTON  
102.1  
2.8 KW 677 Meters  
PN

KATO  
04009  
SAFFORD  
1230  
1. KW ND-1 U  
LP-1\BSPP

KXKQ  
04009  
SAFFORD  
94.1  
100. KW 98 Meters  
LP-1

KFMM  
04009  
THATCHER  
99.1  
50. KW 695 Meters  
PN

**BROADCAST STATIONS - TUCSON EAS LOCAL AREA**

**CALL SIGN  
FIPS CODE  
CITY OF LICENSE  
FREQUENCY  
FACILITIES  
EAS DESIGNATION**

KONZ  
04019  
ARIZONA CITY  
106.3  
3.4 KW 134 Meters  
PN

KFMA  
04019  
GREEN VALLEY  
92.1  
50. KW 150 Meters  
PN

KGMS  
04019  
GREEN VALLEY  
97.1  
1.65 KW 118 Meters  
PN

KGYY  
04019  
GREEN VALLEY  
1080  
1. KW ND-D D  
PN

KOHT  
04019  
MARANA  
98.3  
3.00 KW 62 Meters  
PN

KSAZ  
04019  
MARANA  
580  
0.32/5. KW DA-N U  
PN

KFBR  
04023  
NOGALES  
1340  
0.25 KW ND-1 U  
PN

KMSB-TV  
04023  
NOGALES  
CH 11  
316 KW 507 Meters  
PN

KZNO  
04023  
NOGALES  
98.3  
.215 KW 70 Meters  
PN

KQTL  
04019  
SAHUARITA  
1210  
1./10. KW DA-N U  
PN

KMRR  
04019  
SOUTH TUCSON  
1330  
5./2. KW DA-N U  
PN

KXEW  
04019  
SOUTH TUCSON  
1600  
1./1. KW DA-N U  
NN

KCEE  
04019  
TUCSON  
940  
0.25/1. KW DA-2 U  
PN\BSPP

KCUB  
04019  
TUCSON  
1290  
1. KW ND-1 U  
NN

KFFN  
04019  
TUCSON  
1490  
1. KW ND-1 U  
PN

KFLT  
04019  
TUCSON  
830  
1./50. KW DA-N U  
NP

KGUN  
04019  
TUCSON  
CH 09  
110 KW 1134 Meters  
PN

KHRR  
04019  
TUCSON  
CH 40  
1550 KW 619 Meters  
PN

KHYT  
04019  
TUCSON  
107.5  
92.0 KW 620 Meters  
PN\PN

KIIM-FM  
04019  
TUCSON  
99.5  
93. KW 621 Meters  
PN

KKHG  
04019  
TUCSON  
104.1  
3.00 KW 31 Meters  
PN

**BROADCAST STATIONS - TUCSON EAS LOCAL AREA**

**CALL SIGN  
FIPS CODE  
CITY OF LICENSE  
FREQUENCY  
FACILITIES  
EAS DESIGNATION**

-----  
KLPX  
04019  
TUCSON  
96.1  
100. KW 595 Meters  
PN

KMXZ-FM  
04019  
TUCSON  
94.9  
100. KW 595 Meters  
LP-3\SR

KNST  
04019  
TUCSON  
790  
0.5/5. KW DA-1 U  
LP-2

KOLD-TV  
04019  
TUCSON  
CH 13  
302 KW 622 Meters  
PN

KRQQ  
04019  
TUCSON  
93.7  
94. KW 619 Meters  
PN

KTKT  
04019  
TUCSON  
990  
1./10. KW DA-2 U  
LP-1

KTTU-TV  
04019  
TUCSON  
CH 18  
2510 KW 600 Meters  
PN

KTUC  
04019  
Tucson  
1400  
1. KW ND-1 U  
PN

KTZR  
04019  
TUCSON  
1450  
1. KW ND-1 U  
PN

KUAS-TV  
04019  
TUCSON  
CH 27  
30.2 KW 175 Meters  
PN

KUAT  
04019  
TUCSON  
1550  
50. KW ND-D D  
PN

KUAT-FM  
04019  
TUCSON  
90.5  
12.5 KW 1091 Meters  
PN

KUAT-TV  
04019  
TUCSON  
CH 06  
35.5 KW 1106 Meters  
PN

KUAZ  
04019  
TUCSON  
89.1  
3.0 KW 3 Meters  
PN

KVOA  
04019  
TUCSON  
CH 04  
34.7 KW 1100 Meters  
PN

KVOI  
04019  
TUCSON  
690  
0.25 KW ND-D D  
PN

KWFM-FM  
04019  
TUCSON  
92.9  
93. KW 621 Meters  
PN

KXCI  
04019  
TUCSON  
91.3  
0.34 KW 1110 Meters  
PN

KZLZ  
04019  
KEARNY  
50 KW, 150 Meters  
PN

KLQB  
04019  
ORACLE  
.9 KW 2807 METERS  
PN

**BROADCAST STATIONS - YUMA EAS LOCAL AREA**

**CALL SIGN  
FIPS CODE  
CITY OF LICENSE  
FREQUENCY  
FACILITIES  
EAS DESIGNATION**

KLPZ  
04027  
PARKER  
1380  
0.058/2.5 KW ND-1 U  
PN

KVEZ  
04027  
PARKER  
99.3  
.180 KW 308 Meters  
PN

KWFH  
04027  
PARKER  
90.1  
0.46 KW 56 Meters  
PN

KBUX  
04027  
QUARTZSITE  
94.3  
.205 KW 49 Meters  
PN

KAWC  
04027  
YUMA  
1320  
0.147/1. KW ND-1 U  
PN

KAEC-FM  
04027  
YUMA  
88.9  
3.00 KW 23 Meters  
PN

KBLU  
04027  
YUMA  
560  
1./1. KW DA-N U  
LP-1\BSPP

KCFY  
04027  
YUMA  
88.1  
10 KW 73 Meters  
PN

KEZC  
04027  
YUMA  
1400  
1. Kw nd-1 u  
PN

KJOK  
04027  
YUMA  
93.1  
100. KW 24 Meters  
LP-2

KSWT  
04027  
YUMA  
CH 13  
316 KW 475 Meters  
LP-2

KTTI  
04027  
YUMA  
95.1  
25.0 KW 23 Meters  
NN

KYJT  
04027  
YUMA  
100.9  
3.00 KW 80 Meters  
PN

KYMA  
04027  
YUMA  
CH 11  
316 KW 493 Meters  
LP-1

ANNEX D  
ARIZONA EAS CABLE SYSTEM INFORMATION

City	Cable System	Phone	EAS Codes
Ajo	Saquaro	(520) 387-7309	SAQRCATV
Alpine	Alpine Cablevision	(913) 625-9420	ALPNCAVS
Amado	Saquaro Cable TV	(520) 287-3123	SAQRCATV
Apache Junction	Triax Cablevision	(800) 332-0245	TRAXCAVS
Arivaca	Saquaro Cable TV	(520) 387-7309	SAQRCATV
Bagdad	Arizona CableComm	(800) 480-7020	AZCACOMM
Black Canyon City	Arizona CableComm	(800) 480-7020	AZCACOMM
Bisbee	Post-Newsweek Cable	(520) 432-4807	PSTNWSCA
Buckeye	Cox Communications	(602) 863-0072	COXCABLE
Bullhead City	Cablevision of Bullhead	(520) 758-4844	CBLVBLCY
Bylas	Apache Cablevision	(602) 391-1904	APACHECA
Camp Verde	Arizona CableComm	(602) 480-7020	AZCACOMM
Carefree	Cox Communications	(602) 863-0072	COXCABLE
Casa Grande	Cox Communications	(602) 863-0072	COXCABLE
Cave Creek	Phoenix Westcom Cable	(800) 800-7023	PXWSCOCA
Chandler	Cox Communications	(602) 863-0072	COXCABLE
Christopher Creek	Arizona CableComm	(602) 474-3327	AZCACOMM
Clifton	Post Newsweek Cable	(520) 865-4031	PSTNWSCA
Concho Valley	Arizona CableComm	(520) 337-2251	AZCACOMM
Coolidge	CableAmerica	(520) 723-7874	CBLAMRCA
Cornville	Verde Valley Cable TV	(520) 634-4737	VRVLCATV
Cottonwood	Arizona CableComm	(800) 480-7020	AZCACOMM
Cottonwood/Clarkdale	Post Newsweek Cable	(520) 634-9677	PSTNWSCA
Dewey/Humboldt	Arizona CableComm	(800) 480-7020	AZCACOMM
Douglas	Desert Cablevision	(520) 364-2119	DSRTCAYS
Eager	Arizona CableComm	(520) 337-2251	AZCACOMM
El Mirage	Insight Communications	(602) 582-8282	INSTCOMM

Eloy	Cablevision	(520) 363-5525	CABLVISN
Flagstaff	Flagstaff Cablevision	(520) 774-7141	FLAGCBVS
Florence	Arizona CableComm	(800) 480-7020	AZCACOMM
Fort Mohave	Fort Mohave Television	(520) 330-2000	FTMOHVTV
Fountain Hills	Cox Communications	(602) 866-0072	COXCABLE
Fredonia	TCI Cablevision of Arizo	(801) 637-6813	TCICAVSA
Gila Bend	CableAmerica	(520) 723-7874	CBLAMRCA
Gilbert	Insight Communications	(602) 582-8282	INSTCOMM
Glendale	Cox Communications	(602) 866-0072	COXCABLE
Globe/Miami	Post Newsweek Cable	(520) 425-3161	PSTNWSCA
Goodyear	Cox Communications	(602) 866-0072	COXCABLE
Grand Canyon	Indevideo Company	(602) 248-8333	INDEVIDC
Heber	Cablevision	(602) 363-5525	CABLVISN
Holbrook	Post Newsweek Cable	(520) 524-3831	PSTNWSCA
Joseph City	Post Newsweek Cable	(520) 524-3831	PSTNWSCA
Kachina/Mountaineire	Arizona CableComm	(800) 480-7020	AZCACOMM
Keams Canyon	Indevideo Company	(602) 248-8333	INDEVIDC
Kearny	Cablevision	(520) 363-5525	CABLVISN
Kingman	Kingman Cablevision	(520) 757-8079	KINGCAVS
Lake Havasu City	London Bridge Cable	(520) 855-7815	LONBRDCA
Lake Montezuma	Arizona CableComm	(800) 480-7020	AZCACOMM
Lakeview	Arizona Cablevision	(602) 944-9821	AZCABLVS
Leupp	Indevideo Company	(602) 248-8333	INDEVIDC
Litchfield Park	Cox Communications	(602) 866-0072	COXCABLE
Luke AFB	Insight Communications	(602) 582-8282	INSTCOMM
Mammoth	Cablevision	(520) 363-5525	CABLVISN
Mayer	Arizona CableComm	(800) 480-7080	AZCACOMM
Mesa	Cox Communications	(602) 866-0072	COXCABLE
Nogales	Saquaro Cable TV	(520) 287-2123	SAQRCATV
Oak Creek	Arizona CableComm	(800) 480-7080	AZCACOMM

Page	Post Newsweek Cable	(520) 524-3831	PSTNWSCA
Page Springs	Verde Valley Cable TV	(520) 634-4737	VRVLCATV
Paradise Valley	Cox Communications	(602) 866-0072	COXCABLE
Parker	Colorado River Cablevisi	(520) 669-2191	COLRVCBL
Patagonia	Green Valley CableVision	(520) 394-2413	GNVLCAVS
Payson	Arizona CableComm	(800) 480-7020	AZCACOMM
Peach Springs	Phoenix Westcom Cable	(800) 800-7023	PXWSCOCA
Peoria	Cox Communications	(602) 866-0072	COXCABLE
Perryville	Phoenix Westcom Cable	(800) 800-7023	PXWSCOCA
Phoenix	Cox Communications	(602) 866-0072	COXCABLE
Phoenix	Insight Communications	(602) 582-8282	INSTCOMM
Pine/Strawberry	Arizona CableComm	(520) 474-3327	AZCACOMM
Pinewood	Arizona CableComm	(800) 480-7020	AZCACOMM
Pinto	Arizona Cablevision	(602) 944-2265	AZCABLVS
Prescott	Paragon Cable	(520) 445-4511	PARAGCBL
Queen Creek	CableAmerica	(602) 461-0715	CBLAMRCA
Rio Rico	Saquaro Cable TV	(520) 287-3125	SAQRCATV
Rio Verde	Cox Communications	(602) 866-0072	COXCABLE
Saddle Mountain	Arizona CableComm	(520) 474-3327	AZCACOMM
Safford	Post Newsweek Cable	(520) 428-1850	PSTNWSCA
San Carlos	Apache Cablevision	(602) 391-1904	APACHECA
San Manuel	Cablevision	(520) 363-5525	CABLVISN
Scottsdale	Cox Communications	(602) 866-0072	COXCABLE
Sedona	Sedona Cablevision	(520) 282-7711	SEDNCAVS
Sells	Papago Oasis Cablevision	(520) 578-0382	PPGOCAVS
Show Low	Post Newsweek Cable	(520) 537-2279	PSTNWSCA
Sierra Vista	Desert Cablevision	(520) 458-4705	DSRTCAYS
Springerville	Arizona CableComm	(520) 337-2251	AZCACOMM
St. Johns	Arizona CableComm	(520) 337-2251	AZCACOMM
Sun Lakes	Cox Communications	(602) 866-0072	COXCABLE

Sun Lakes	Sun Lakes Cable	(602) 895-8010	SUNLACBL
Superior	Cablevision	(520) 363-5525	CABLVISN
Surprise	Cox Communications	(602) 866-0072	COXCABLE
Tempe	Cox Communications	(602) 866-0072	COXCABLE
Toltec	Cablevision	(520) 363-5525	CABLVISN
Tolleson	Insight Communications	(602) 582-8282	INSTCOMM
Tuba City	Indevideo Company	(602) 248-8333	INDEVIDC
Tucson	TCI of Tucson	(520) 629-8470	TCITUCSN
Tucson Estates	Western Cablevision	(520) 578-0382	WSTNCAVS
Tusayan	Indevideo Company	(602) 248-8333	INDEVIDC
Verde Valley	Arizona CableComm	(800) 480-7020	AZCACOMM
Wellton	Western Cablevision	(520) 578-0382	WSTNCAVS
Whiteriver	Rainbow Cablevision	(520) 387-7033	RNBWCAVS
Wickenburg	CableAmerica	(520) 684-2838	CABLVISN
Williams	Arizona CableComm	(520) 635-4331	AZCACOMM
Winslow	Post Newsweek Cable	(520) 289-2652	PSTNWSCA
Yarnell	Arizona CableComm	(800) 480-7020	AZCACOMM
Yuma	Century Cable	(520) 782-9853	CENTCABL

## ANNEX E

### EAS CODES TRANSMITTED BY KEY EAS SOURCES

#### EAS Header Code Information

##### A.) EAS Header Code Analysis

An EAS Header Code contains the following elements, sent in the following sequence:

- [Preamble] ZCZC-ORG-EEE-PSSCCC+TTTT-JJHHMM-LLLLLLLL-
- Attention Signal
- Aural, Visual, or Text Message
- [Preamble] NNNN

[Preamble] = (Clears the system) - Sent automatically by your Encoder.

ZCZC = (Start of ASCII Code) - Sent automatically by your Encoder.

ORG = (Originator Code) - Preset once by user, then sent automatically by your Encoder. See following Section (B.) for code you must use.

EEE = (Event Code) - Determined by user, each time an alert is sent. See following Section (C.) for the only codes to be used in Arizona.

PSSCCC = (County-Location Code) - Determined by user, each time an alert is sent. See following Section (D.) for the assigned codes of all Arizona counties.

TTTT = (Duration of Alert) - Determined by user, each time an alert is sent.

JJHHMM = (Date/Time-of-Day) - Sent automatically by your Encoder.

LLLLLLLL = (8-Character ID, Identifying the Broadcaster, Cable TV, Weather Service Office, Nuclear/Industrial Plant, or Civil Authority operating that Encoder.) Preset once by user, then sent automatically by your Encoder. See following Section (E.) for format to be followed by all users in constructing their "L-Code".

Attention Signal - Must be sent if aural, visual, or text message is sent.

[Preamble] = (Re-clears the system) - Sent automatically by your Encoder when you initiate the End-of-Message sequence.

NNNN = (End-of-Message Code) - Must be initiated manually at the end of every EAS Alert originated by all sources. A failure of the system will occur if this code is not sent to reset the Decoders of all stations/operators that carried that alert.

##### B.) Arizona Originator Codes

Following are the only Originator Codes to be used by sources in Arizona:

WXR - To be used by National Weather Service Offices.

CIV - To be used by Emergency Government, Sheriffs, and all other Civil Authorities.

EAS - To be used by all Broadcasters and Cable TV Operators.

C.) Arizona Event Codes

Whether used under the authority of the State EAS Plan, or any of the County/Local Area EAS Plans, the following are the only Event Codes to be used in the State of Arizona by anyone for any purpose. No codes can be added without FCC approval. County/Local Area EAS Plans which desire to use a code not on this list, should submit that code request to the SECC for FCC approval and subsequent addition to this list. This list will be maintained as a "Master List" for all Event Codes used in the State of Arizona.

MANDATED FCC EVENT CODES

Emergency Action Notification	EAN	Emergency Action Termination..	EAT
National Information Center ....	NIC	National Periodic Test .....	NPT
Required Monthly Test .....	RMT	Required Weekly Test .....	RWT
Tornado Watch .....	TOA	Tornado Warning .....	TOR
Severe Thunderstorm Watch ...	SVA	Severe Thunderstorm Warning	SVR
Severe Weather Statement .....	SVS	Special Weather Statement .....	SPS
Flash Flood Watch .....	FFA	Flash Flood Warning .....	FFW
Flash Flood Statement .....	FFS	Flood Watch .....	FLA
Flood Warning .....	FLW	Flood Statement .....	FLS
Winter Storm Watch .....	WSA	Winter Storm Warning .....	WSW
Blizzard Warning .....	BZW	High Wind Watch .....	HWA
High Wind Warning .....	HWW	Evacuation Immediate .....	EVI
Civil Emergency Message .....	CEM	Practice/Demo Warning .....	DMO
Administrative Message .....	ADR		

ARIZONA-ADOPTED SBE EVENT CODES (pending FCC approval)

Self Test .....	TST	Civil Emergency Warning .....	CEW
Civil Emergency Statement .....	CES	Civil Emergency Text Message	CEX
Traffic Emergency .....	TRE	Traffic Announcement .....	TRA
Traffic Authority Test .....	TRT	Traffic Text Message .....	TRX
Earth Quake Statement .....	EQS	Earth Quake Text Message .....	EQX
Environmental Warning .....	ENW	Environmental Statement .....	ENS
Environmental Text Message ...	ENX	Evacuation Warning .....	EVW
Evacuation Statement .....	EVS	Evacuation Text Message .....	EVX
Fire Warning .....	FRW	Fire Statement .....	FRS
Fire Test .....	FRT	Fire Text Message .....	FRX
State Priority Activation .....	STA	State EAS Statement .....	STS
State Test .....	STT	State Text Message .....	STX
Local Area Priority Activation .	LAA	Local Area EAS Statement .....	LAS
Local Area Test .....	LAT	Local Area Text Messag .....	LAX
Police Priority Activation .....	PLA	Police EAS Statement .....	PLS
Police Test .....	PLT	Police Text Message .....	PLX
Sheriff Priority Activation .....	SHA	Sheriff EAS Statement .....	SHS
Sheriff Test .....	SHT	Sheriff Text Message .....	SHX
Military Priority Activation .....	MLA	Military EAS Statement .....	MLS

Military Test .....	MLT	Military Text Message .....	MLX
Nuclear Plant Warning .....	NUW	Nuclear Plant Statement .....	NUS
Nuclear Plant Test .....	NUT	Nuclear Plant Text Message ....	NUX
Industrial Plant Warning .....	IPW	Industrial Plant Statement.....	IPS
Industrial Plant Test ..	IPT	Industrial Plant Text Message	IPT

C.)Arizona Event Codes(continued)

SPECIAL ARIZONA EVENT CODES (Non-FCC, Non-SBE)

There are no FCC-Approved Special Arizona Event Codes at this time.

D.) Arizona County-Location Codes (“PSSCCC”)

The first digit (“P”) can be used to indicate one-ninth of the county code it precedes, in the following pattern:

0 = Entire County

1 = NW	2 = NC	3 = NE
4 = WC	5 = C	6 = EC
7 = SW	8 = SC	9 = SE

The remaining 5 digits (“SSCCC”) indicate the county, as listed below:

<u>County</u>	<u>Code</u>	<u>County</u>	<u>Code</u>	<u>County</u>	<u>Code</u>
Apache.....	04001	Cochise.....	04003	Coconino.....	04005
Gila.....	04007	Graham.....	04009	Greenlee.....	04011
La Paz.....	04012	Maricopa.....	04013	Mohave.....	04015
Navajo .....	04017	Pima .....	04019	Pinal .....	04021
Santa Cruz.	04023	Yavapai.....	04025	Yuma.....	04027

E.) Arizona “L-Code” Formats

This 8-character code is affixed to every EAS message originated or re-transmitted by every EAS Encoder. The code identifies the particular broadcaster, cable operator, Weather Service Office, nuclear/industrial plant, or civil authority operating that Encoder. “L-Code” ID’s must adhere to the following formats. No deviation from these formats is allowed, since using certain other characters would cause an error in the system.

Broadcasters:

Single Station: “KXXX(FM)

Two Stations: “KXXXWYYY”

Three or more Stations: The call letters of one of the stations is sufficient. All other stations sending the alert should keep a log of alerts sent, as should the ID’d station. (Per FCC)

Cable TV:

See Annex D -

Weather Service Offices: See Annex G for other information

Use the letters “NWS”, followed by the call sign of the respective NWS office issuing the EAS activation.

Examples: NWS Phoenix - “NWS/KPSR”, NWS Flagstaff - “NWS/KFGZ”, NWS Tucson -

“NWS/KTWC”, NWS Las Vegas - “NWS/KVEF”.

Civil Authorities:

This code uses three components in constructing its 8-character code:

- | <u>Portion of “L-Code”</u> | <u>Source of Characters</u>  |
|----------------------------|--|
| • First four characters    | = First four letters of name of jurisdiction (Name of County, City, etc.)  |
| • Next two characters      | = Abbreviation for type of jurisdiction: For County use “CO”<br>For City use “CY”<br>For Town use “TN”<br>For Village use “VL”<br>For Township use “TP”<br>For Municipality use “MY”   |
| • Last two Characters      | = Abbreviation for type of agency: For Sheriff use “SH”<br>For Fire Dept. use “FD”<br>For Police Dept. use “PD”<br>For Traffic Authority use “TA”<br>For Emergency Services use “ES”<br>For Emergency Government use “EG”<br>For Emergency Management use “EM” |

Examples: Maricopa County Sheriff = “MARICOSH”, City of Phoenix Police = “PHOECYPD

Note: Military groups use: “U.S.ARMY”, “U.S.NAVY”, “AIRFORCE”, “U.S.M.C., U.S.C.G.”

Private Industry:

Nuclear Plants: Palo Verde use “PALONUCPT” **THIS CODE HAS NOT BEEN AUTHORIZED BY THE FCC AND OTHER FEDERAL AGENCIES. DO NOT USE IT!**

Industrial Plants: Submit a logical code to the SECC for approval and inclusion in this Plan.

## ANNEX F

### **Arizona State Relay Network (State of Arizona FIPS Code - 04000)**

CONCEPT AND IMPLEMENTATION: Should an event which would have impact on all or the majority of the State of Arizona occur or be eminent, activation of the state-wide Emergency Alert System could be ordered. Activation will be initiated from the State Warning Point (Department of Public Safety) or from the State Emergency Operating Center using the state FIPS code in the header. The activation can occur only when designated by one of the officials listed in Annex "A"

To assure better coverage in remote areas of the state, activation of the state-wide EAS will be done using the Arizona National Guard Broadway Consumer VHF network (See page 43) and relayed by the SP-1, SP-2 and SR stations that are in range of the various Broadway Consumer repeaters. LP-1 and LP-2 stations that are not able to hear a State Relay station, but can hear a Broadway Consumer Repeater, should monitor that repeater.

All stations that are able to hear a National Weather Radio Station should monitor the NWR frequency for their area. When activation occurs or is relayed through the LP-1 or LP-2, the message will automatically be broadcast through the NWR.

All EAS decoders in Arizona must be programmed to recognize the State FIPS Code.

TESTS: The State Warning Point and the State Emergency Operating Center will participate in state-wide EAS tests often enough to assure proper function. Tests to be initiated by the State will be coordinated with the LP-1 station at least 30 days prior to conducting the test to coordinate with local officials. Publication and scheduling of the test should be coordinated as part of the RMT.

The FAS decoders at the State Warning Point and the State Emergency Operating Center will monitor the SP-1 and SP-2 stations. Any state-wide tests initiated by either the SPE1 or the SP-2 will be forwarded on to the Broadway Consumer network.

## ARIZONA STATE RELAY NETWORK

### STATE PRIMARY SOURCE(S)

KKLT	PHOENIX	98.7
KAET	PHOENIX	CH 08

### STATE RELAY SOURCE(S)

KNAU(FM)	FLAGSTAFF	88.7
KHOT(FM)	GLOBE	100.3
KVWM(FM)	SHOW LOW	93.5
KZMK	SIERRA VISTA	100.9
KKLD	TUCSON	94.9
KAHM(FM)	PRESCOTT	102.1

### LOCAL PRIMARY SOURCES (LP-1)

KRFM(FM)	SHOW LOW	96.5
KDAP	DOUGLAS	1450
KAAA	KINGMAN	1230
KZZZ	KINGMAN	94.7
KIKO	MIAMI	1340
KTAR	PHOENIX	620
KAHM	PRESCOTT	102.1
KATO	SAFFORD	1230
KXKQ	SAFFORD	94.1
KWFM(FM)	TUCSON	92.9
KBLU	YUMA	560

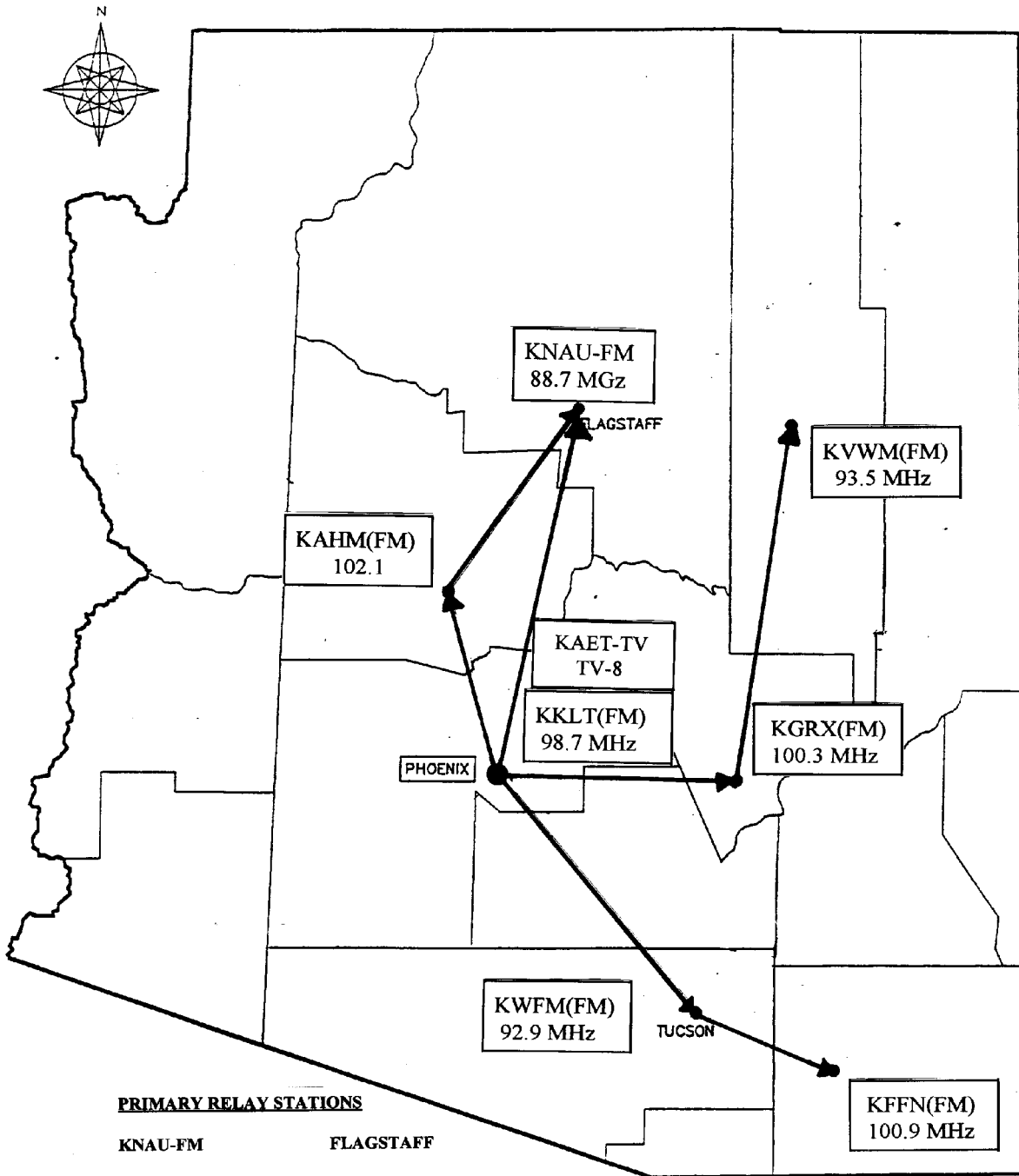
### LOCAL PRIMARY SOURCES (LP-2)

KKLD	COTTONWOOD	98.3
KAFF	FLAGSTAFF	930
KOOL	PHOENIX	960
KNST	TUCSON	790
KINO	WINSLOW	1230
KJOK(FM)	YUMA	93.1
KAET	TEMPE/PHOENIX	TV-8
KKLD(FM)	PRESCOTT	98.3

### LOCAL PRIMARY SOURCES (LP-3)

KFYI	PHOENIX	910
KMXZ-FM	TUCSON	94.9
KHIL	WILCOX	1250

# ARIZONA STATE RELAY NETWORK



**PRIMARY RELAY STATIONS**

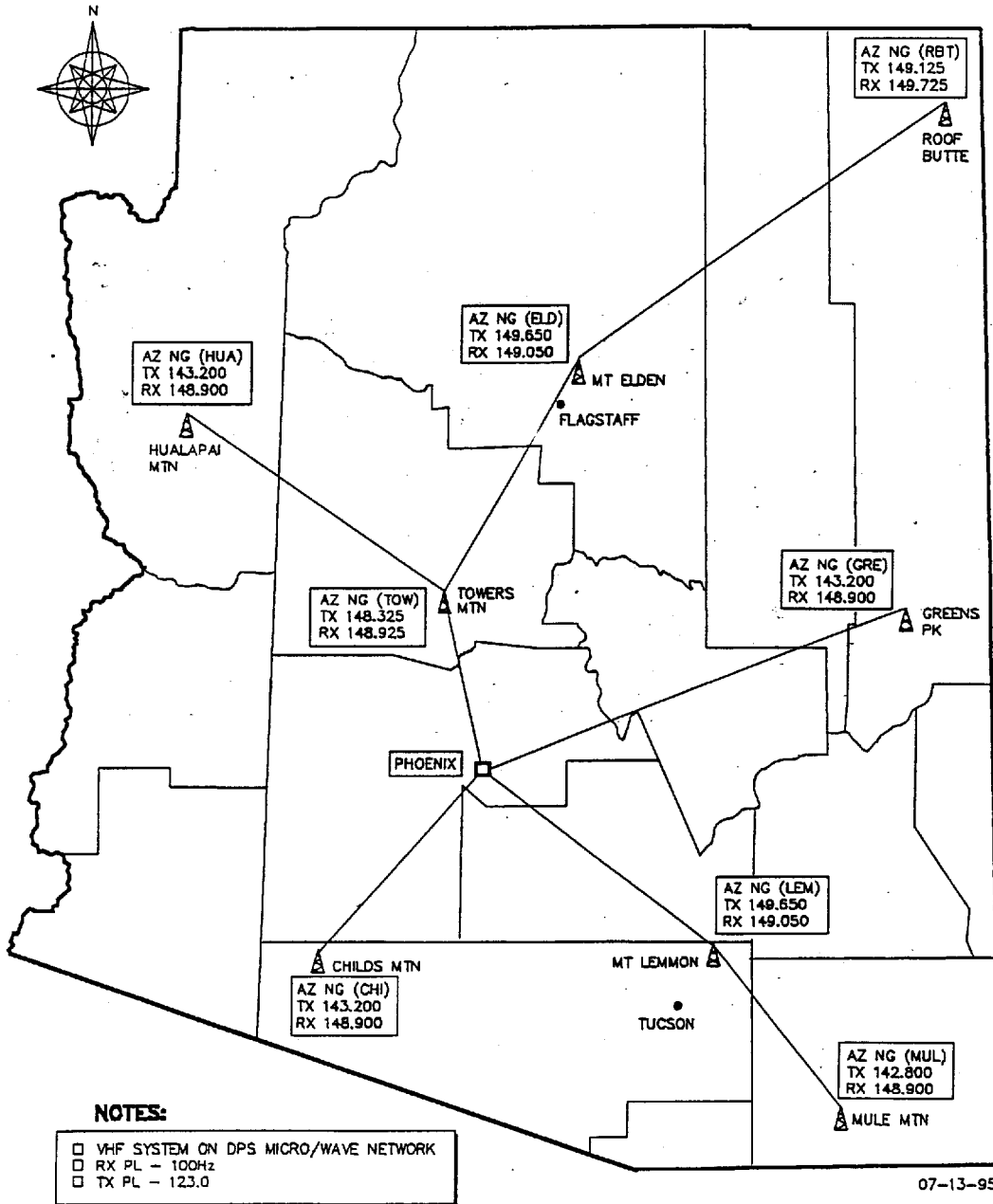
- |          |              |
|----------|--------------|
| KNAU-FM  | FLAGSTAFF    |
| KHOT(FM) | GLOBE        |
| KVWM(FM) | SHOW LOW     |
| KFFN(FM) | SIERRA VISTA |
| KWFM(FM) | TUCSON       |
| KAHM     | PRESCOTT     |

**ORIGINATING PRIMARY RELAY STATION**

- |           |         |
|-----------|---------|
| KKLT(FM)  | PHOENIX |
| KAET TV-8 | PHOENIX |



# ARIZONA ARMY NATIONAL GUARD VHF SYSTEM



## ANNEX G

### National Weather Service (NWS)

#### DEFINITIONS

**Emergency:**

A situation posing an extraordinary threat to the safety of life and property. Examples are, but not limited to natural situations such as: tornadoes, flash floods, icing conditions, heavy snows, fires and man-made situations such as: discharge of hazardous materials, power failures, industrial explosions, civil disorders and nuclear accidents.

**Severe Weather WATCH:**

A severe weather WATCH indicates that the probabilities of a particular severe weather storm are high, and is an alert to the public of such severe weather conditions.

**Severe Weather WARNING:**

A severe weather WARNING indicates that a particular severe weather storm has actually been sighted in an area or indicated by radar, and serves notice to the public that severe weather conditions are almost certain to occur.

#### PROCEDURES/BACKUP

Whenever a severe weather WATCH or WARNING is issued by the National Weather Service (NWS), Local Primary (LP) source stations and cable systems can receive the WATCH and/or WARNING through any of the following communications means: NOAA Weather Radio (NWR), Associated Press (AP), United Press International (UPI), or NOAA Weather Wire Service (NWWS). Only select WARNINGS will be designated for EAS activation. Commercial telephone notification will be the backup for any of the preceding communications systems.

Note: NWS WATCHES and WARNINGS received via NWR, NWWS, or AP and UPI wire services do not need additional authentication.

## **SYSTEM TESTS**

NWS Offices will conduct routine weekly tests (RWT), normally Wednesday mornings, in conjunction with each office's weekly tone alert test. Upon request of the SECC, NWS Offices can participate in routine monthly tests (RMT).

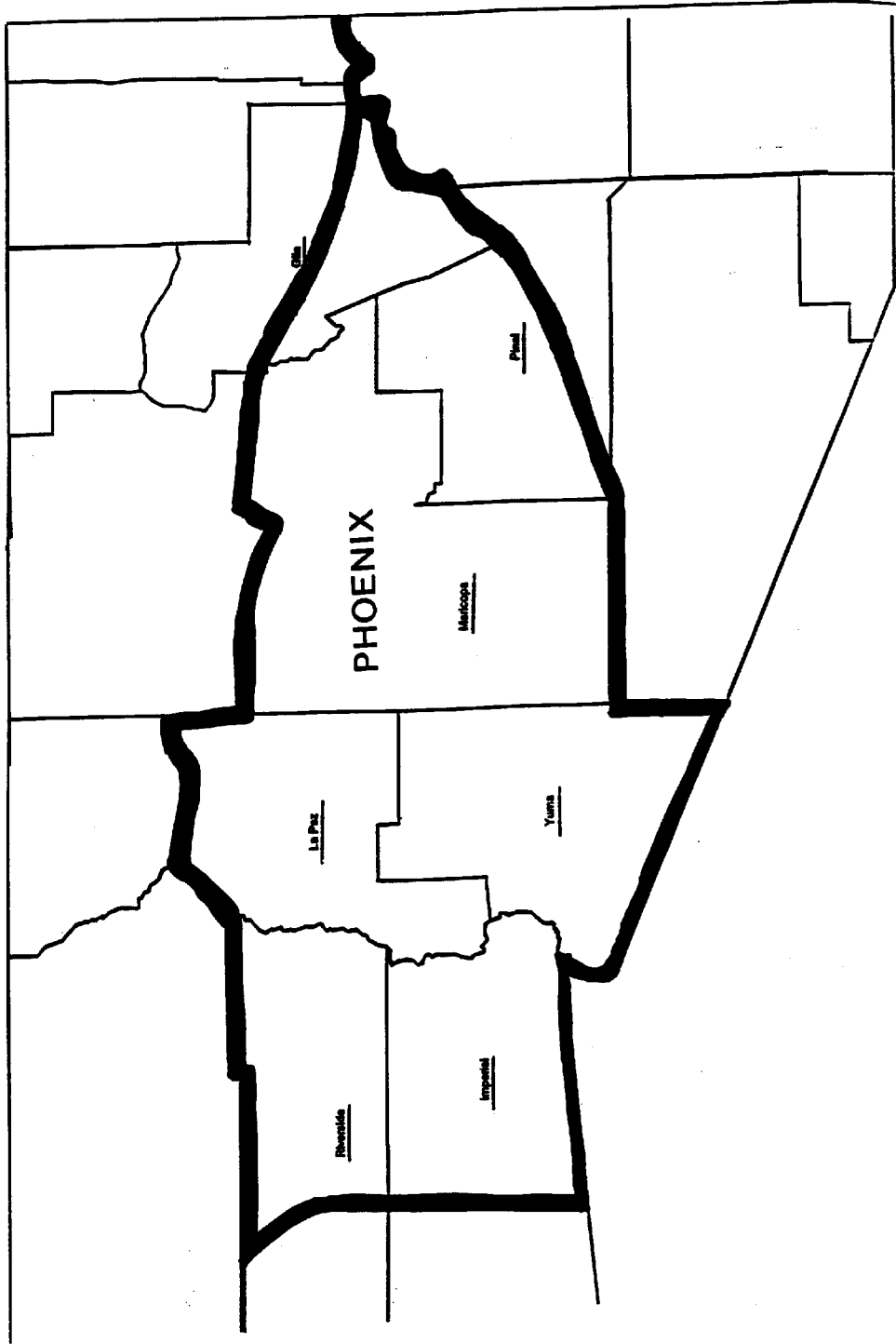
## **NWS STAFF-PROFICIENCY**

NWS Offices may conduct a daily staff proficiency drill using the DMO code and practice county.

**Note: All NWS telephone numbers referred to within this ANNEX are unlisted and restricted to official use only.**

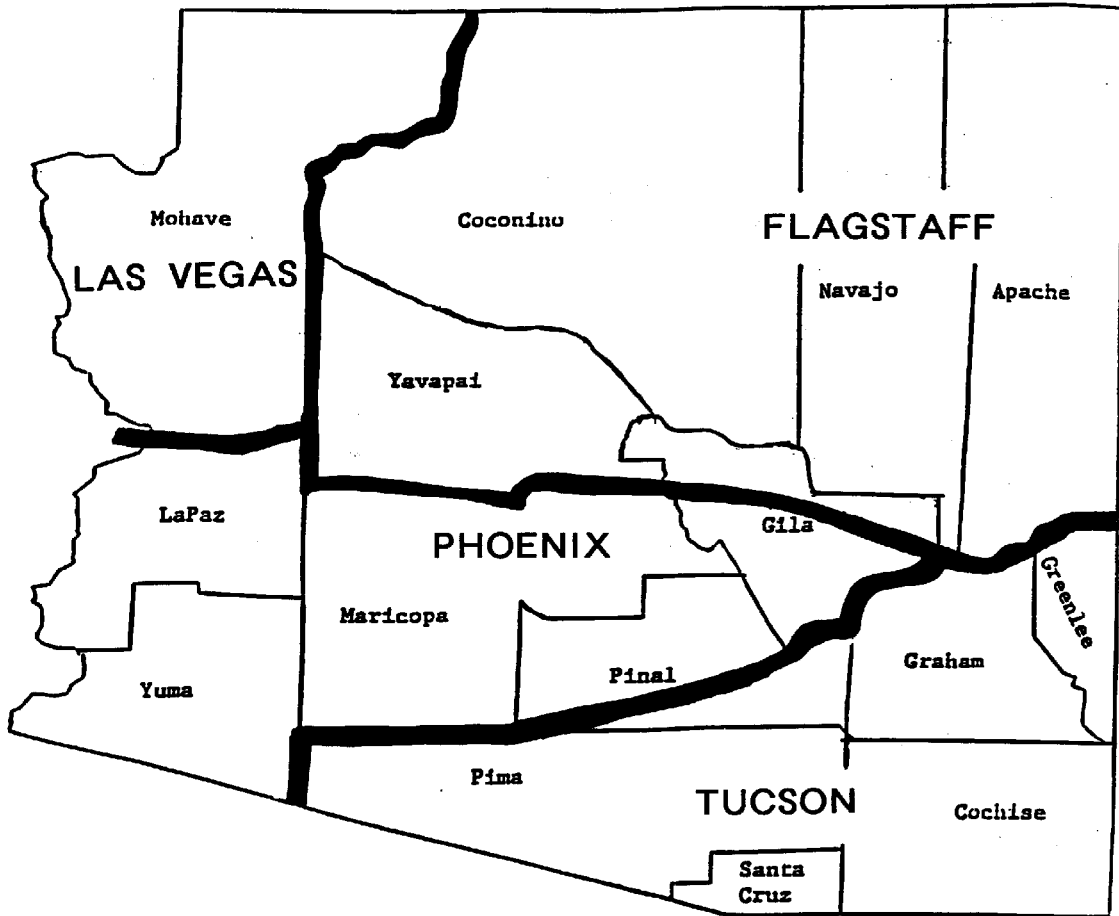
# PHOENIX, AZ (PSR)

COUNTY WARNING AREA (AZ/CA CWA)



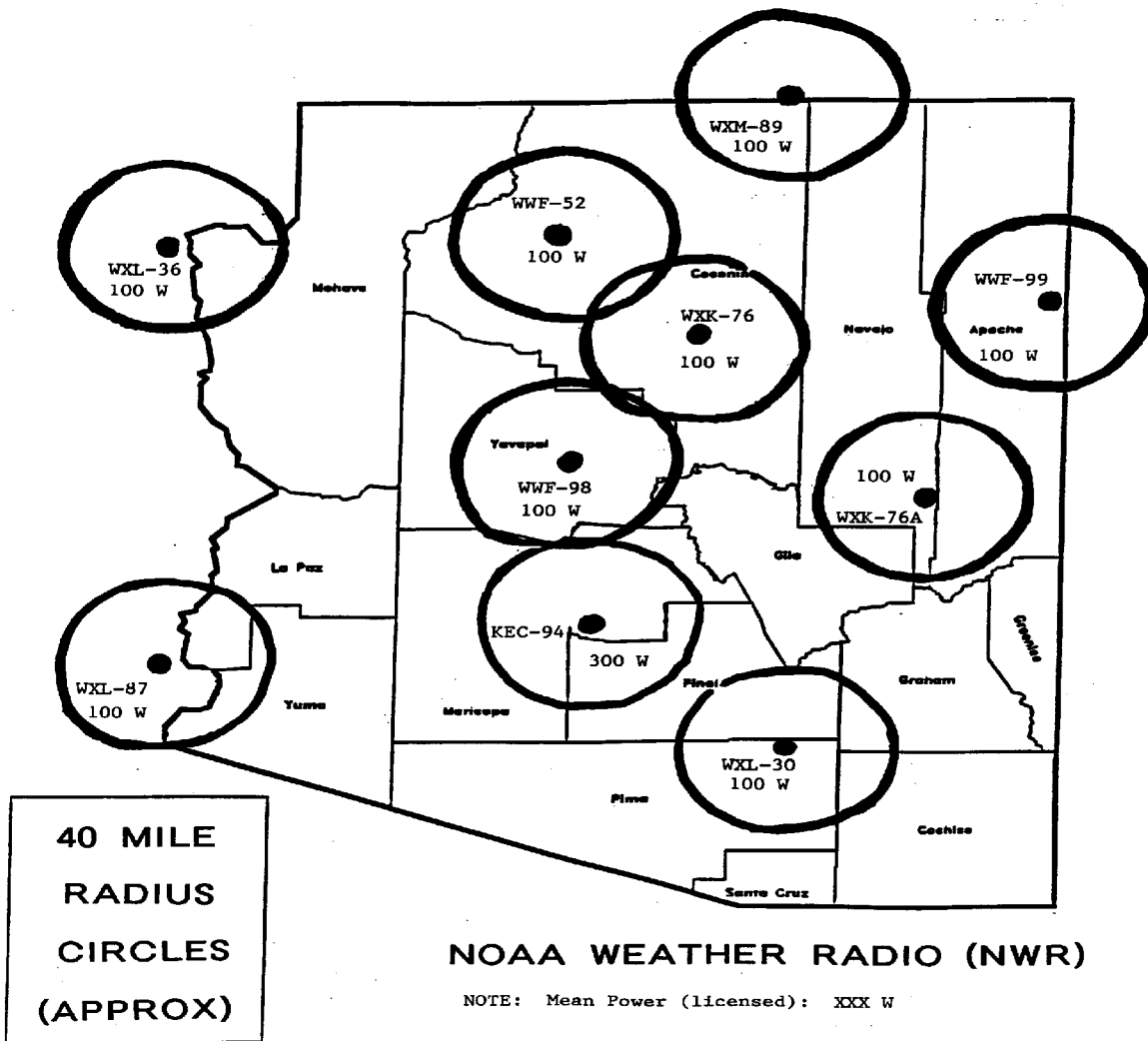
# ARIZONA

## NWS COUNTY WARNING AREAS (CWA)



ZONA NWR LOCATIONS

ARI



**INDIVIDUAL NWS OFFICE SPECIFICS**

**Phoenix:**

**ADDRESS/FAX/EAS TELEPHONE**

National Weather Service Office  
PAB 500  
P.O. Box 52025  
Phoenix, AZ 85072-2025

FAX: (602) 267-8051  
EAS: (602) 379-4611

**MANAGEMENT STAFF**

Haffer, Anton F.  
Meteorologist In Charge  
(602) 379-4607 (x222) Office

Franjevic, Michael W.  
Warning Coordination Meteorologist  
(602) 379-4607 (x223) Office

Green, G. Douglas  
Science and Operations Officer  
(602) 379-4607 (x224) Office

Bruce, Michael A.  
Data Acquisition Program Manager  
(602) 379-4607 (x225) Office

**NWS PHOENIX - COUNTY WARNING AREA (CWA) RESPONSIBILITY**

Arizona: Maricopa, Yuma, La Paz, Northwest Pinal, Southern Gila

California: Imperial, Eastern Riverside

**NWS PHOENIX - NOAA WEATHER RADIO SPECIFICS**

Site: **NWR (Phoenix)**  
Call Sign: KEC-94  
Mean Power: 300 Watts (licensed)  
Frequency: VHF (162.55 MHZ) from South Mountain  
Uplink: Telephone line from NWS Phoenix to South Mountain  
Coverage: Maricopa County, Pinal County, and southern Gila County

Tone/SAME: Tornado Warning, Flash Flood Warning, Urban and/or (Mandatory) Small Stream Flood Warning, Civil Emergency Message, Evacuation Immediate  
FCC Event Codes: TOR, FFW, CEM, EVI

Tone/SAME: Severe Thunderstorm Warning, High Wind (Dust/Sand (Discretion) Storm) Warning  
FCC Event Codes: SVR, HWW

Site: **NWR (Yuma)**  
Call Sign: WXL-87  
Mean Power: 100 Watts (licensed)  
Frequency: VHF(162.55 MHZ)from Black Mountain (CA)  
Uplink: Telephone line from NWS Phoenix to Yuma Radar Site (just northwest of State Prison). UHF (416.375 MHZ) from Yuma Radar Site to Black Mountain (CA)  
Coverage: Yuma County, LaPaz County, Imperial County(CA), eastern Riverside County(CA)

Tone/SAME: Tornado Warning, Flash Flood Warning, Urban and/or (Mandatory) Small Stream Flood Warning, Civil Emergency Message, Evacuation Immediate  
FCC Event Codes: TOR, FFW, CEM, EVI

Tone/SAME: Severe Thunderstorm Warning, High Wind (Dust/Sand (Discretion) Storm) Warning  
FCC Event Codes: SVR, HWW

**INDIVIDUAL NWS OFFICE SPECIFICS**

**Tucson:**

**ADDRESS/FAX/EAS TELEPHONE**

National Weather Service  
520 North Park Avenue, Suite 304  
Tucson, AZ 85719

FAX: (520) 670-5167

EAS: (520) 670-5160

**MANAGEMENT STAFF**

Shogren, Marvin V.  
Meteorologist In Charge  
(520) 670-5156 (x222) Office

Flatt, Paul R.  
Warning Coordination Meteorologist  
(520) 670-5156 (x223) Office

Bright, David R.  
Science and Operations Officer  
(520) 670-5156 (x224) Office

Crimmins, Paul W.  
Data Acquisition Program manager  
(520) 670-5156 (x225) Office

**NWS TUCSON - COUNTY WARNING AREA (CWA) RESPONSIBILITY**

Arizona: Pima, Cochise, Santa Cruz, Graham, Greenlee,  
Southeast Pinal

**NWS TUCSON - NOAA WEATHER RADIO SPECIFICS**

Site: **NWR(Tucson)**  
Call Sign: WXL-30  
Mean Power: 100 Watts (licensed)  
Frequency: VHF(162.400 MHZ)from Mt. Lemmon  
Uplink: UHF(410.100 MHZ)from NWS Tucson to Mt. Lemmon  
Coverage: Pima County, Pinal County, western Cochise County,  
portions of Graham County

Tone/SAME: Tornado Warning, Flash Flood Warning, Civil  
(Mandatory) Emergency Message, Severe Thunderstorm, Evacuation  
Immediate  
FCC Event Codes: TOR, FFW, CEM, SVR, EVI

Tone/SAME: High Wind (Dust/Sand Storm) Warning, Winter Storm  
(Discretion) Warning (Heavy Snow/Freezing Rain)  
FCC Event Codes: HWW, WSW

**INDIVIDUAL NWS OFFICE SPECIFICS**

**Flagstaff:**

**ADDRESS/FAX/EAS TELEPHONE**

National Weather Service  
P.O. Box 16057  
Bellemont, AZ 86015-6057

FAX: (520) 774-3914  
EAS: (520) 774-4164

**MANAGEMENT STAFF**

Campbell, Michael E.  
Meteorologist In Charge  
(520) 556-9161 (x222) Office

Cuoco, Christopher J.  
Warning Coordination Meteorologist  
(520) 556-9161 (x223) Office

Keighton, Stephen J.  
Science and Operations officer  
(520) 556-9161 (x224) Office

Peterson, Byron C.  
Data Acquisition Program Manager  
(520) 556-9161 (x225) Office

**NWS FLAGSTAFF - COUNTY WARNING AREA (CWA) RESPONSIBILITY**

Arizona: Coconino, Navajo, Apache, Yavapai, Northern Gila

**NWS FLAGSTAFF - NOAA WEATHER RADIO SPECIFICS**

Site: **NWR (Flagstaff)**  
Call sign: WXX-76  
Mean Power: 100 Watts (licensed)  
Frequency: VHF (162.400 MHz) from Mt. Elden  
Uplink: UHF (410.975 MHz) from NWS Flagstaff to Mt. Elden  
Coverage: Southern two-thirds of Coconino County, southern half of Navajo County, northeast Yavapai County, extreme northwest Gila County

Tone/SAME: Tornado Warning, Flash Flood Warning, Civil  
(Mandatory) Emergency Message, Evacuation Immediate, Blizzard Warning  
FCC Event Codes: TOR, FFW, CEM, EVI, BZW

Tone/SAME: Severe Thunderstorm Warning, High Wind (Dust Storm)  
(Discretion) Warning, Flood Warning, Winter Storm Warning  
FCC Event Codes: SVR, HWW, FLW, WSW

Site: **NWR (Show Low)**  
Call sign: WXX-76A  
Mean Power: 100 Watts (licensed)  
Frequency: VHF (162.40 MHz) from Porter Mountain  
Uplink: UHF (415.900 MHz) from NWS Flagstaff to Mt. Elden then UHF (410.100 MHz) from Mt. Elden to Porter Mtn  
Coverage: Southern Navajo County, southern Apache County, northeast Gila County

Tone/SAME: Tornado Warning, Flash Flood Warning, Civil  
(Mandatory) Emergency Message, Evacuation Immediate, Blizzard Warning  
FCC Event Codes: TOR, FFW, CEM, EVI, BZW

Tone/SAME: Severe Thunderstorm Warning, High Wind (Dust Storm)  
(Discretion) Warning, Flood Warning, Winter Storm Warning  
FCC Event Codes: SVR, HWW, FLW, WSW

**NWS FLAGSTAFF - NOAA WEATHER RADIO SPECIFICS**

Site: **NWR (Grand Canyon)**  
Call sign: WWF-52  
Mean Power: 100 Watts (licensed)  
Frequency: VHF(162.475 MHZ)from Hopi Point  
Uplink: Dedicated telephone line- NWS Flagstaff to Hopi Pt.  
Coverage: Northern Coconino County

Tone/SAME: Tornado Warning, Flash Flood Warning, Civil  
(Mandatory) Emergency Message, Evacuation Immediate, Blizzard  
Warning  
FCC Event Codes: TOR, FFW, CEM, EVI, BZW

Tone/SAME: Severe Thunderstorm Warning, High Wind (Dust Storm)  
(Discretion) Warning, Flood Warning, Winter Storm Warning  
FCC Event Codes: SVR, HWW, FLW, WSW

Site: **NWR (Prescott/Sedona)**  
Call Sign: WWF-98  
Mean Power: 100 Watts (licensed)  
Frequency: VHF(162.525 MHZ)from Mingus Mountain  
Uplink: UHF(410.575 MHZ)from NWS Flagstaff to Mt. Elden,  
then UHF(416.375 MHZ)from Mt. Elden to Mingus Mtn  
Coverage: Eastern three-quarters of Yavapai County, extreme  
southern Coconino County, extreme western Gila  
County, northeast Maricopa County (outside CWA)

Tone/SAME: Tornado Warning, Flash Flood Warning, Civil  
(Mandatory) Emergency Message, Evacuation Immediate, Blizzard  
Warning  
FCC Event Codes: TOR, FFW, CEM, EVI, BZW

Tone/SAME: Severe Thunderstorm Warning, High Wind (Dust Storm)  
(Discretion) Warning, Flood Warning, Winter Storm Warning  
FCC Event Codes: SVR, HWW, FLW, WSW

**NWS FLAGSTAFF - NOAA WEATHER RADIO SPECIFICS**

Site: **NWR(Window Rock)**  
Call Sign: WWF-99  
Mean Power: 100 Watts (licensed)  
Frequency: VHF(162.550 MHZ)from Piney Hill  
Uplink: UHF(413.900 MHZ)from NWS Flagstaff to Mt. Elden,  
then Bureau of Indian Affairs microwave link from  
Mt. Elden to Piney Hill

Coverage: Central Apache County, southwest San Juan County  
N.M.(Outside CWA), western McKinley County N.M.  
(Outside CWA)

Tone/SAME: Tornado Warning, Flash Flood Warning, Civil  
(Mandatory) Emergency Message, Evacuation Immediate, Blizzard  
Warning  
FCC Event Codes: TOR, FFW, CEM, EVI, BZW

Tone/SAME: Severe Thunderstorm Warning, High Wind (Dust Storm)  
(Discretion) Warning, Flood Warning, Winter Storm Warning  
FCC Event Codes: SVR, HWW, FLW, WSW

**INDIVIDUAL NWS OFFICE SPECIFICS**

**Las Vegas:**

**ADDRESS/FAX/EAS TELEPHONE**

National Weather Service  
7851 Industrial Road  
Las Vegas, NV 89139

FAX: (702) 263-9759  
EAS: (702) 263-9750

**MANAGEMENT STAFF**

Jensen, Larry J.  
Meteorologist In Charge  
(702) 263-9744 (x222) Office

McQueen, Ronald B.  
Warning Coordination Meteorologist  
(702) 263-9744 (x223) Office

Runk, Kim J.  
Science and Operations Officer  
(702) 263-9744 (x224) Office

Palmer, Phillip H.  
Data Acquisition Program Manager  
(702) 263-9744 (x225) Office

**NWS LAS VEGAS - COUNTY WARNING AREA (CWA) RESPONSIBILITY**

Arizona: Mohave

**NWS LAS VEGAS - NOAA WEATHER RADIO SPECIFICS**

Site: **NWR (Las Vegas)**  
Call Sign: WXL-36  
Mean Power: 100 Watts (licensed)  
Frequency: VHF(162.55 MHZ)from Red Mountain (Boulder City, NV)  
Uplink: UHF(410.100 MHZ)from NWS Las Vegas to Red Mountain  
Coverage: Central and eastern Clark County, NV, including the  
Lake Mead/Mohave National Recreation Area (both  
Nevada and Arizona portions/CWA)

Tone/SAME: Tornado Warning, Flash Flood Warning, Civil  
(Mandatory) Emergency Message, Evacuation Immediate.  
FCC Event Codes: TOR, FFW, CEM, EVI

Tone/Same: Severe Thunderstorm Warning, Blizzard Warning,  
(Discretion) Winter Storm Warning(Sleet, Freezing Drizzle/Rain,  
Heavy Snow), High Wind (Dust/Sand Storm) Warning,  
Severe Weather Statement, Flood Warning, Flash Flood  
Statement  
FCC Event Codes: SVR, BZW, WSW, HWW, SVS, FLW, FFS

**INDIVIDUAL NWS OFFICE SPECIFICS**

**Salt Lake City:**

**ADDRESS/FAX/EAS TELEPHONE**

National Weather Service Office  
2242 West North Temple  
Salt Lake City, UT 84116-2919

FAX: (801) 524-4030

EAS: (801) 524-5154

**MANAGEMENT STAFF**

Alder, William J.  
Meteorologist In Charge  
(801) 524-5154 Office

Toronto, David S.  
Warning Coordination Meteorologist  
(801) 524-5113 Office

Dunn, Lawrence B.  
Science and Operations Officer  
(801) 524-5141 Office

Summy, Steve K.  
Data Acquisition Program Manager  
(801) 524-5112 Office

**NWS SALT LAKE CITY - NOAA WEATHER RADIO SPECIFICS**

The following NWR broadcast site information is entered by NWSFO Salt Lake City, UT.

Site: **NWR(Page)**  
Call Sign: WXM-89  
Mean Power: 100 Watts (licensed)  
Frequency: VHF(162.550 MHZ)from Navajo Mountain, UT  
Uplink: State of Utah microwave link from NWS Salt Lake City, UT to Navajo Mountain.

Coverage: Northeast Coconino County, northwest Navajo County, extreme northwest Apache County, San Juan County (UT), Garfield County (UT), Kane County (UT).

Tone/SAME: Tornado Warning, Flash Flood Warning, Severe (Mandatory) Thunderstorm Warning, Civil Emergency Message, Evacuation Immediate, Blizzard Warning  
FCC Event Codes: TOR, FFW, SVR, CEM, EVI, BZW

Tone/SAME: High Wind Warning, Flood Warning, Winter Storm (Discretion) Warning  
FCC Event Codes: HWW, FLW, WSW