




## Alerts/Warnings – EM Challenges

2015 Dust Workshop – Casa Grande

Thought provoking – not the answers



## **Objectives:**

**TIMELY ALERT & WARNING TO PUBLIC  
FOR PRESERVATION OF LIFE AND PROPERTY**

**SEVERAL TOOLS TO CONSIDER**

**CAPABILITIES AND LIMITATIONS**

**ACTUAL MESSAGES**

**TOOLS THEMSELVES**

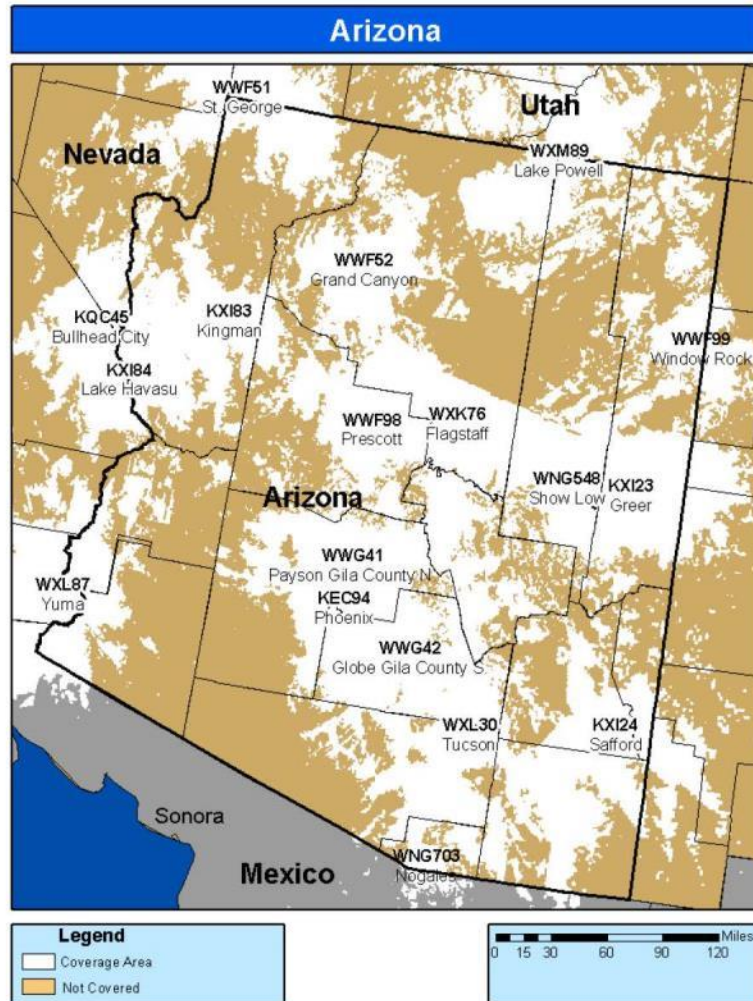
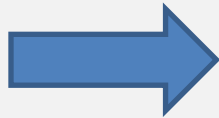
**INTENDED AUDIENCES**

**UNINTENDED CONSEQUENCES**

## NWR Coverage

[Station Listing](#) [County Coverage Listing](#) [Back to US Map](#)

Push Info



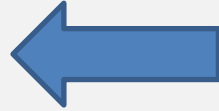


← Push Info

Push Info to Pull Info →



ARE THERE ENOUGH? How long of a message?  
Are they at strategic locations? What Message?  
How quick to activate? How quick to change?

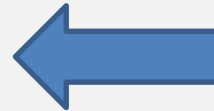


Push Info – kind of.....

StreamCasts & SpotCasts

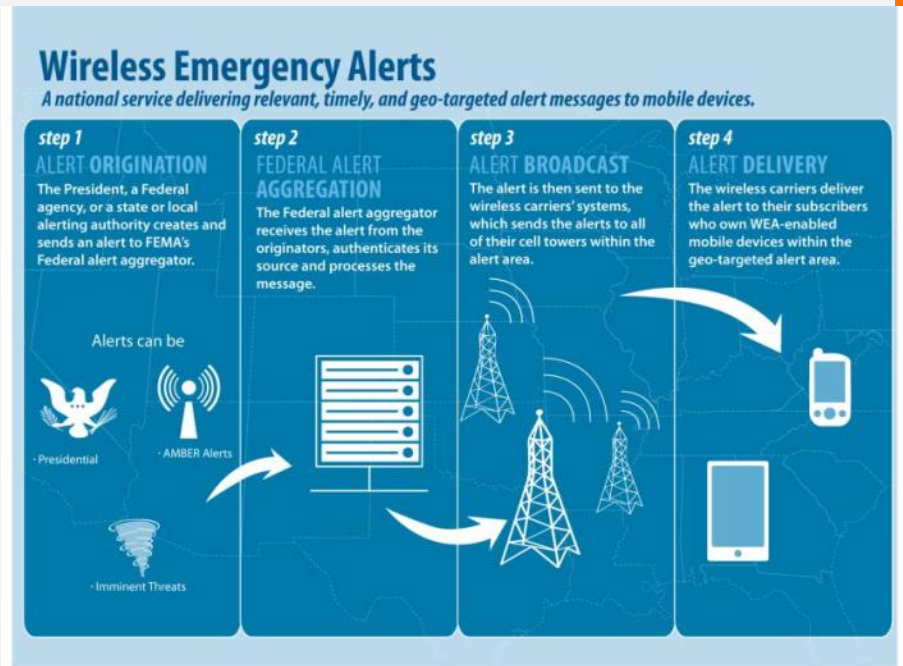


ARE THERE ENOUGH? Are they at strategic locations?  
What Message? How quick to activate? How quick to  
change?



**Push Info-Phone/Fixed Address (CENS/REV911)**

**Push Info –  
to Mobile  
Devices**



FIXED ADDRESS wont work for mobile events. WEA has minimum thresholds – also think about the warning.



Federal Communications Commission



**2007 TV (including Digital TV) Handbook**

**Post at All Operator Stations**

**PUSH**



Federal Communications Commission



**2007 AM & FM  
(including Digital Audio Broadcast)  
Handbook**

**Post at All Operator Stations**

**PUSH**





Federal Communications Commission



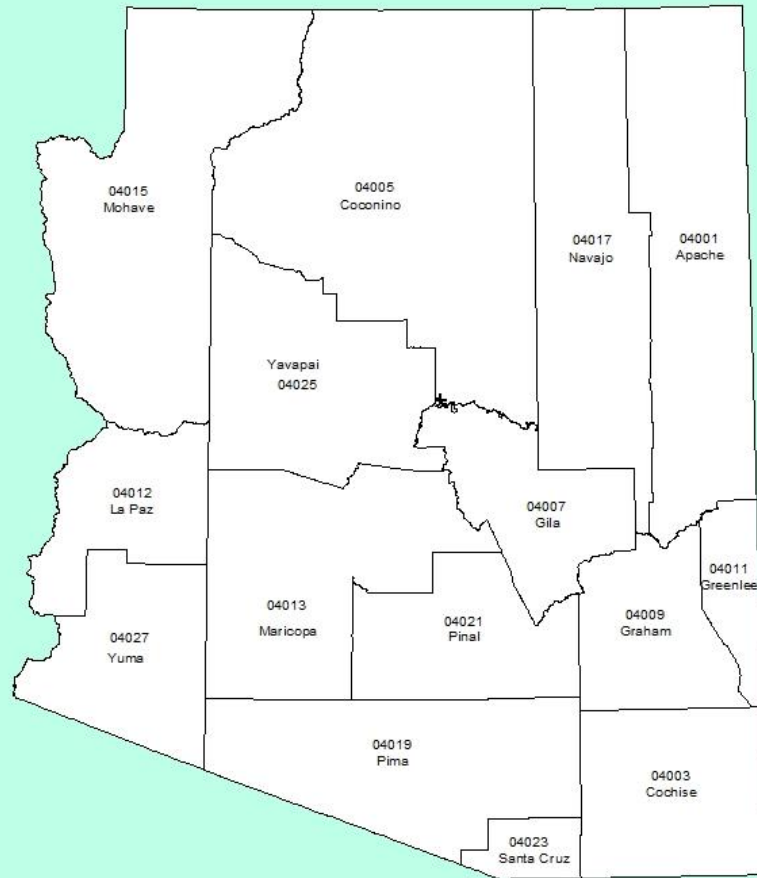
**2007 Satellite Handbook**  
**(including Satellite Digital Audio Radio Service)**

**Post at All Operator Stations**

**PUSH**

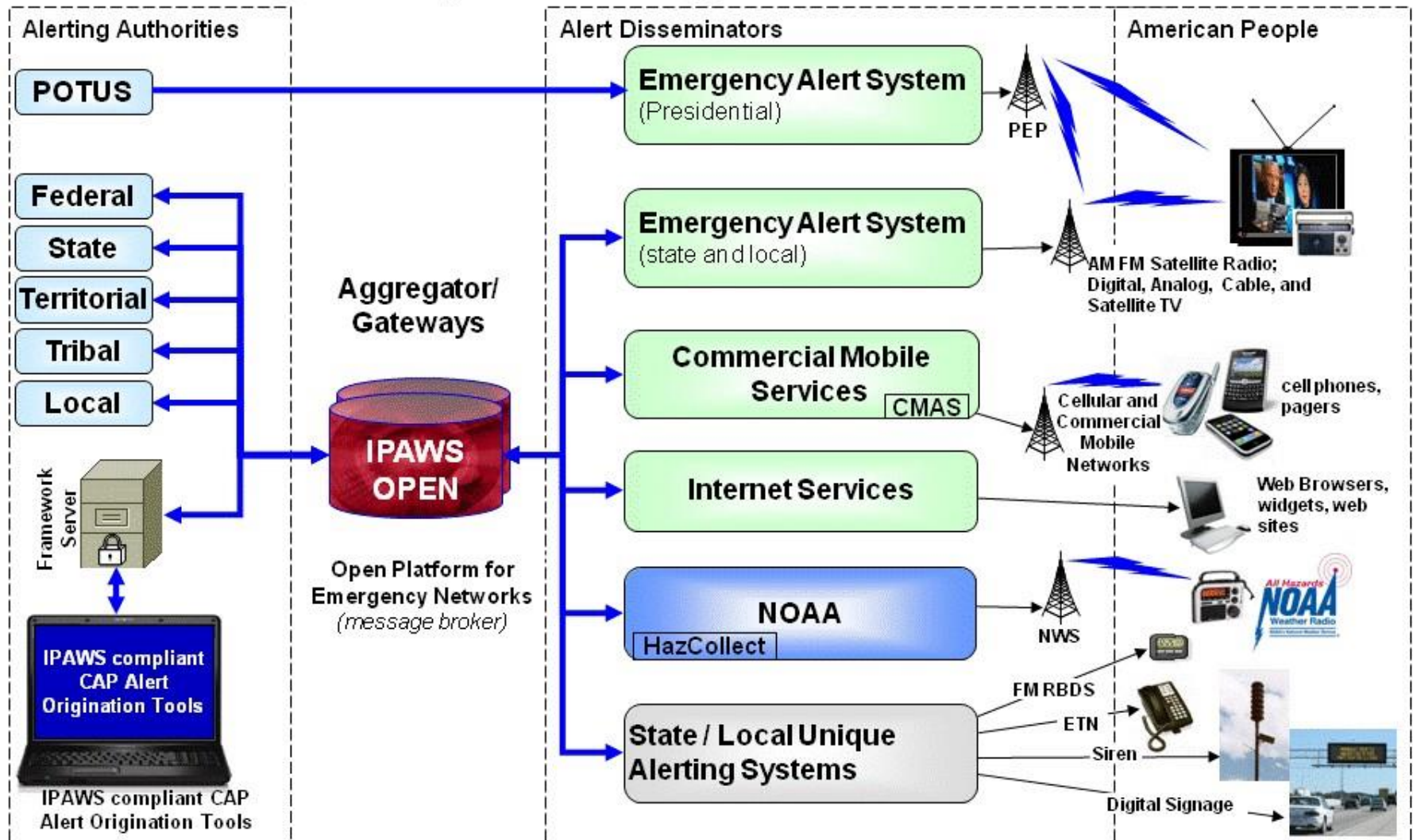
# ARIZONA

## COUNTIES and FIPS CODES



**NATIONAL WEATHER SERVICE**  
**WESTERN REGION**

# IPAWS Long-Term System Strategy



FEMA



**Dizzy Yet?**  
**We sure are!**