



Radio Quick-Reference Card

Listen for alerts

NOAA Weather Radio transmitters near you (NWS Phoenix)

Area	Frequency	Weather channel
Phoenix (KEC94, South Mountain)	162.550 MHz	WX1
Payson (Mt. Ord)	162.425 MHz	WX4
Flagstaff	162.400 MHz	WX2
Globe (Signal Peak)	162.500 MHz	WX6
Prescott	162.525 MHz	WX7
Tucson	162.400 MHz	WX2

Maricopa SAME code 004013. **Emergency radio (EAS stations named by Maricopa County):** KTAR 620 AM, KTAR News 92.3 FM, KMVP 98.7 FM, plus NOAA Weather Radio. Local news: KFYI 550 AM (local news; not an EAS station).

Two-way at a glance

- **CB:** 40 ch, no license. **Ch 9 = emergency**, Ch 19 = highway. 4 W AM / 12 W SSB.
- **FRS:** 22 ch, no license. 2 W on ch 1–7 & 15–22, 0.5 W on 8–14. Privacy codes are NOT private.
- **GMRS:** FCC license, \$35, 10 yrs, no exam, covers family. Repeaters for range.
- **MURS:** 151.820 · 151.880 · 151.940 · 154.570 · 154.600 MHz, 2 W, no license.
- **Ham:** calling 146.520 MHz & 446.000 MHz. License required, except a genuine life/property emergency (47 CFR 97.403).
- **Check in:** top of each hour for 5 minutes. Radios off between.

Calling for help

"MAYDAY, MAYDAY, MAYDAY (or "Emergency, emergency" on CB ch 9 / FRS) — this is [name / call sign]."

1. **WHERE:** "I am at [address / cross streets / mile marker / GPS lat-long]."
2. **WHO:** "[number] people. [ages / conditions]."
3. **WHAT:** "[injuries / medical problem / danger, e.g., heat stroke, car broken down, no water]."
4. **NEED:** "We need [ambulance / water / ride / relay to 911]."
5. "Please relay to 911. Over." Then **listen**. Repeat every few minutes. Save battery between calls.

Phonetic alphabet

A Alfa · B Bravo · C Charlie · D Delta · E Echo · F Foxtrot · G Golf · H Hotel · I India · J Juliett · K Kilo · L Lima · M Mike · N November · O Oscar · P Papa · Q Quebec · R Romeo · S Sierra · T Tango · U Uniform · V Victor · W Whiskey · X X-ray · Y Yankee · Z Zulu

Our channel plan (fill in)

Radio	Main channel / freq	Backup	Code/tone
FRS / GMRS			
CB	Ch 9 (emergency)	Ch 19	n/a
Ham (if licensed)	146.520		
NOAA	162.550 (Phoenix)	162.425 (Payson)	SAME 004013

Check-in times:

Call signs / GMRS license #:

Out-of-area contact:

Meeting points:

Sources: FCC 47 CFR Parts 95 & 97; FCC fee schedule; National Weather Service Phoenix NOAA Weather Radio; ARRL; Ready.gov. Generated October 11, 2026.