Coachella Valley A.R.E.S.
Information Sheet for Emergency Managers

The Amateur Radio Emergency Service is a 90 year-old national organization that provides licensed volunteer radio operators to support short term, back-up emergency communications for our neighbors and our communities in the event of a disaster. Members are trained and certified in a number of areas including CERT, emergency communications and the Incident Command System (ICS). Locally, the group is called Coachella Valley ARES.

Our capabilities include:

- Over 50 local members with home-based communication stations that are scattered throughout the Coachella Valley. Each station can immediately provide local situational awareness as well as local, regional, and nationwide communications, reliably and without any power or other infrastructure.
- These members and their equipment can be deployed locally to support organizations or neighborhoods that may have had their infrastructure damaged. We do not deploy to an affected area unless requested.
- We have 14 analog and digital vhf/uhf repeaters in 9 different locations available to us, all with battery back-up. Local, regional, and state-wide point-to-point communication is virtually guaranteed in any situation.
- In addition to radio communication, many of our members maintain WINLINK stations enabling them to send and receive email even if internet and power are down. This software includes a full suite of ICS forms as well. This capability is portable and can be very easily deployed anywhere.
- We are able to quickly deploy our own STARLINK system to provide internet, VoIP, and WiFI calling to up to 120 individual users. We also maintain ZOLEO satellite texting capability. STARLINK can also provide us with local and worldwide digital voice communications using C4FM and DMR systems.
- We train regularly and stand ready to assist any organization that requests our assistance.

Club Sponsor:

Desert RATS Radio Amateur Transmitting Society

P.O. Box 1167, Palm Springs, California 92263

Example Use Cases for Coachella Valley ARES

Damaged infrastructure may cause temporary loss of communication. CV ARES can quickly restore point-to-point communication under almost any circumstances and for multiple locations.

A neighborhood or HOA loses power, cell, and internet. CV ARES sets up STARLINK and a telephone charging station at the local library or HOA clubhouse so that residents can charge their phones and use the internet (including WiFi Calling) to tell their relatives that they are OK.

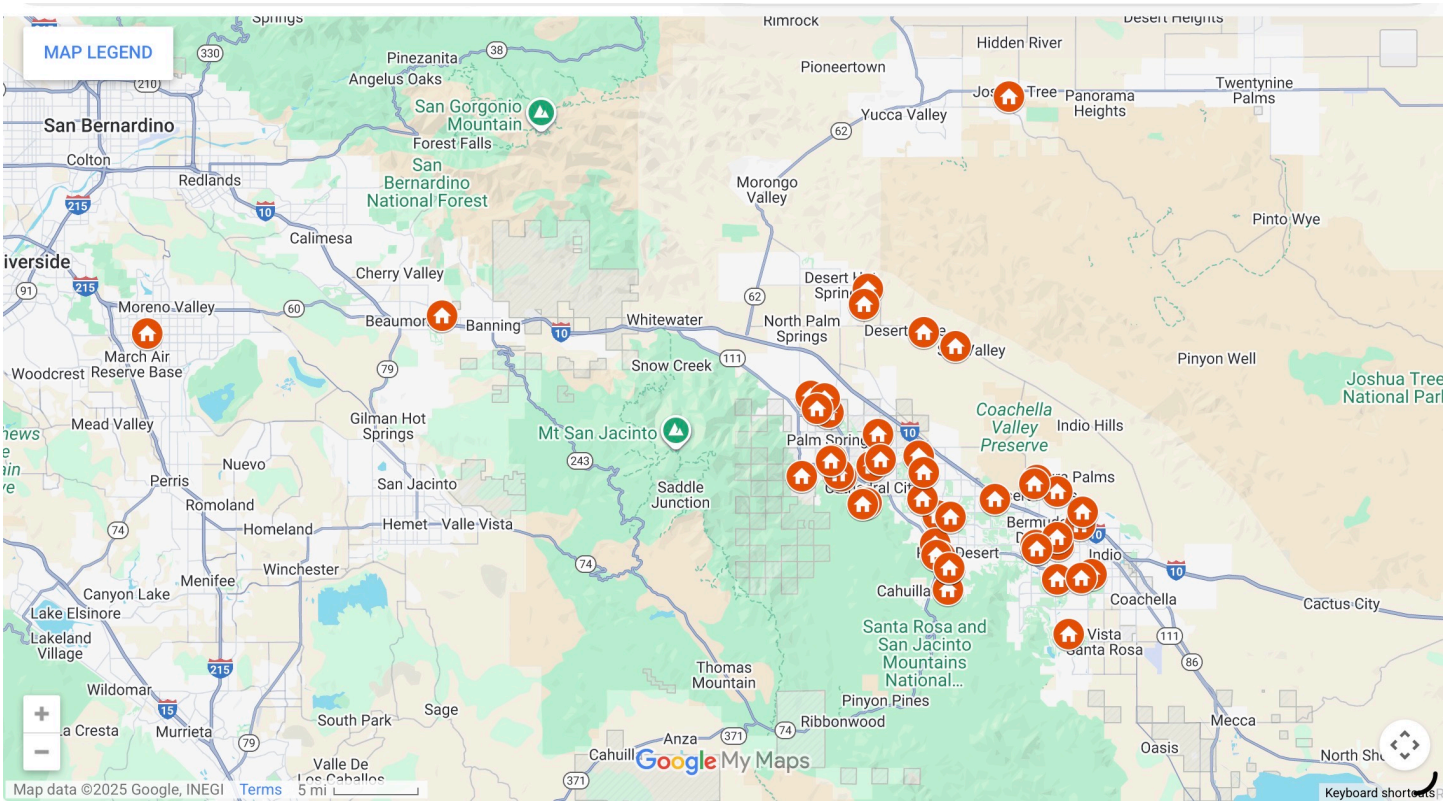
CV ARES members are experts in interoperability and portable operations. Be it a non-profit organization trying to function with damaged communications equipment or a utility company official looking for damage assessment information from a specific neighborhood, our members can immediately assist while waiting for more long-term disaster relief resources to arrive in the valley.

Organizations, such as local HOA's with Disaster Committees and CERT Teams, can use CV ARES to help them structure their communications plans to maximize interoperability prior to a disaster. We can help integrate GMRS and FRS radios (often used by nonprofits and HOA's) into the larger communications grid when needed.

For questions, demonstrations, or to request our services please call or text Emergency Coordinator, Don Stouder, at 619-602-5151 (Zoleo Satellite Text # 231-307-1670) or Assistant Emergency Coordinator Rick Lee at 760-774-1804.

If cell service is unavailable, you can use the attached ICS Communications Plan (ICS 205) to reach us using one of the listed frequencies. We also monitor the Coachella Valley Disaster Network at 155.145 (PL 167.9).

Coachella Valley ARES Member Stations



INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

1. Incident Name:	2. Date/Time Prepared:	3. Operational Period:
Coachella Valley ARES Communications Plan (P.A.C.E.)	Date: May 4 2025 Time:	Date From: Date To: Time From: Time To:

4. Basic Radio Channel Use:

Zone Grp.	Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone/NAC	TX Freq N or W	TX Tone/NAC	Mode (A, D, or M)	Remarks
		PRIMARY	RATS Edom Hill Repeater	NET CONTROL					Analog	146.940. -107.2
		ALTERNATE	WB6RLC Indio Hills Repeater	TBD					Analog	445.640. -131.8 (Indio) or 107.2 (Edom Hill)
		CONTINGENCY	CAP/SAN J Repeater	TBD					Analog	146.760 -107.2
		EMERGENCY	SIMPLEX	TBD	146.52	None	146.52	None	Analog	
		Command Tac	DigiRATS C4FM Repeater	TBD					A + D	449.240 No PL (01 or 02). Can also use analog PL -131.8
		Operations Tac	WB6RLC Edom Hill + Indio Hills	TBD					Analog	445.640. -131.8 (Indio) or 107.2 (Edom Hill)
		Logistics Tac	RATS Edom Hill 220 Repeater	TBD					Analog	224.480 -110.9
		Winlink Node	Edom Hill	Health and Welfare					Analog	145.630 No PL

5. Special Instructions:

NOTE: A proper PACE Plan must provide at least four (4) different methods to communicate in four (4) different locations. For example, if Edom Hill is undamaged and operating after an incident, then all of our resources there would be available to us.
ADDITIONAL RESOURCES: 1. On Edom Hill, all repeaters have solar or battery back up. We have three (3) repeaters there; 2 are Yaesu analog/digital machines and 1 is a 220 machine. 2. Portable repeater identical to those on Edom Hill. (146.940 -131.8) 3. Deployable STARLINK MINI. 4. Agreements with PAPA System and DARN Network to take their local repeaters off network for our use in an emergency. 5. Zoleo Satellite Texting and Emergency Alert. 6. Multiple digital modes including Winlink, AREDN, FLDIGI, etc.

6. Prepared by (Communications Unit Leader) Name: Don Stouder N1GAY Signature: _____

ICS 205	IAP Page _____	Date/Time: _____