



Fact Sheet

Clark County Amateur Radio Emergency Service

Revised: June 2024.1

Clark County Amateur Radio Emergency Services (ARES) is a deployable, county-level emergency support and communications team affiliated with Clark Regional Emergency Services Agency (CRESA) and the American Radio Relay League (ARRL), Northwest Division.

ARES has the additional responsibility of providing emergency governmental communications under the federal **Radio Amateur Civil Emergency Service (RACES)** under the provisions of FCC Part 97, Section 407 during national emergencies and disasters.

Key points about ARES:

- Led by appointed Emergency Coordinator and Assistant Emergency Coordinator.
- Can rapidly mobilize over 80 trained personnel as both field units and in fixed facilities (such as hospitals, fire stations, and sheriff's offices).
- Attributes focus on flexibility and adaptability.
- All personnel hold current federal amateur radio licenses, have completed criminal background investigations, and are trained and credentialed to respond effectively.

Capabilities of ARES include:

- Augmenting public safety communications in the field and at key facilities.
- Bridging gaps in existing voice and digital messaging (text, imagery) modes of communication.

- Providing alternative communication from the general public using the General Mobile Radio Service (GMRS).
- Operating in the absence of commercial power using solar and generator power sources.
- Reporting critical infrastructure status (e.g., bridges, utilities, roads) to the county Emergency Operating Center and Department Operating Centers.
- Aiding with evacuations and sheltering.
- Augmenting key logistics and related critical supply pathways.

Response Time: within 4 hours of request.

Endurance: Up to 14 days.



Technology infrastructure includes:

- Network of mountain top repeaters, satellite, and land mobile radio systems capable of VHF/UHF/HF modes of operation (analog and digital).
- Fixed and deployable antenna systems.
- Portable computing systems capable of receiving and transmitting text and imagery

CLARK COUNTY AMATEUR RADIO EMERGENCY SERVICE

Administrative contact ec@ccareswa.org

<https://www.ccareswa.org>

from worldwide radio-based electronic mail (WINLINK).

- Specialized devices such as the Raytheon ACU-M™ capable of integrating various radio networks in the field with non-amateur radio and public safety radio devices and smartphones.

Emergency Contact information:

To request activation of Clark County ARES, contact the **Staff Duty Officer at Clark Regional Emergency Services Agency (CRESA)** by calling **(360) 562-0130**.

