# ARES INFORMATION

## Wade Graves
### KF5AUD

# Emergency Communications in Grayson County

Wade Graves, KF5AUD

Emergency Coordinator (EC)

Amateur Radio Emergency Service

# Amateur Radio Relay League

- ARRL coordinates ARES Nationally
- Do not have to be an ARRL member to join ARES
- ARES leadership must be ARRL members
- ARES participation is open to all FCC licensed Amateur Radio Operators with a current registration
- Mission:

  Amateur radio operators use their training, skills, and equipment to provide communications during emergencies When All Else Fails®.

**ARES**

- Why do we use ARES?
- Who can join?
- How to Join and Participate
- Training sessions (nets & face to face)
- Online training – NIMS Training
  - IS-700
  - IS-100
  - IS-800
  - IS-200

FEMA | Emergency Management Institute

National Incident Management System (NIMS)

https://training.fema.gov/nims/

# ARES & the Skywarn® Integrated Warning Team

- Integrated Warning Team (IWT)
  - National Weather Service
  - Local Emergency Management
  - Local broadcast media
  - Volunteer Spotters & coordinators

## Coordination of Emergency Communications

- Liaison functions
  - CERT
  - Hospitals
  - Other NGO
  - RACES/ARES
- Skywarn® & non-Skywarn®
- Activation Process
  - Green
  - Yellow
  - Orange
  - Red

# Skywarn® Nets

- Safety!
- Types of Nets
  - Resource Net
  - Command Net
  - Tactical Net

# Frequencies

- W5RVT (VHF primary): 147.000(+) MHz, 100.0 PL
- W5COP (VHF secondary): 147.280(+) MHz, 107.2 PL
- W5RVT (UHF command): 444.750(+) MHz, 100.0 PL
- WC5GC (UHF linked): 442.875(+) MHz, 100.0 PL
- Simplex (in order of precedence):
  - 146.520 – National Calling Frequency
  - 146.420 & 146.480 – ARES Tactical
  - 146.460 & 442.400 – ARES Command
  - 146.700 & 441.925 – RACES Command
  - 147.500 – as needed
  - 144.390 – APRS only

# CERT

- Samantha Allison, Grayson County Assistant Emergency Coordinator, is the Government Representative/Coordinator/Trainer
- ARES will provide communication support to CERT when activated.
- Many ARES members are CERT graduates.

# ARES & GCARC

- GCARC provides:
  - VE testing
  - Fun & Fellowship
  - Classes for enrichment
  - Support for ARES