

Henderson County ARES



ARES Leadership

- Charles Wells, Emergency Coordinator
- Bob Doss, Assistant EC
- Ken Schofield, Assistant EC
- Mart Nolin, Assistant EC
- Bryan Aho, NTS Traffic Handler

Emergency Communications Plan

- Repeaters VHF/UHF
- Simplex VHF/UHF/HF
- Digital/Winlink/APRS

REPEATERS

- VHF: Primary 145.33 PL 136.5 (Athens) linked 146.90 PL 136.5 (GBC)
- AARC (VHF): 147.22 PL 136.5 backup
- UHF: 444.050 +5.0 MHz PL 136.5 (GBC)

SIMPLEX

- VHF: 147.52
- UHF: 432.50
- HF: 3.873 NIGHT TIME
- HF: 7.272 DAY TIME

WINLINK/APRS

- VHF- RMS located in Gun Barrel City 147.58
SIMPLEX this is setup using VARA FM
- Backup RMS-VHF KG5EUX-11 147.480
SIMPLEX
- APRS: K5CCL-2 144.390 **SIMPLEX** GBC
- APRS igate: K5HCA-10 144.390 **SIMPLEX**

PACKET 1200 baud

- Frequency: 145.01 MHz **SIMPLEX**
- Locations: GBC (CCLER) & Athens (ATH)
- Location: Tyler (W5ETX-10)

WATCH vs WARNING

- WATCH- atmospheric conditions are favorable for certain types of hazardous weather to occur
- WARNING- hazardous weather is currently taking place

HAZARDOUS WEATHER

- HAIL
- STRONG WINDS
- FLASH FLOODING (areas that do not normally flood during heavy rains)
- SEVERE LIGHTNING
- TORNADOES

WHEN DOES ARES ACTIVATE

- When NWS issues a **Watch**, all ARES members should begin to pay close attention to weather conditions, NOAA radio, prepare to shelter and verify their radios/antennas/power is ready for a weather net.
- When NWS issues a **Warning**, a WEATHER NET is started.

OTHER ARES ACTIVATIONS

- Snowmageddon as in 2021
- Health and Welfare following a disaster event
- Emergency Communications assistance
- Other community events

WEATHER NET PROCEDURES

- Activate APRS on your phone/computer/radio
- Check-in to the Net on 145.33 or 146.90
- Whoever is the Net Control Operator, they will be using the **K5HCA** call sign
- ONLY report **what you see** and the conditions requested by NWS
- Hail/winds over 50mph/flash flooding/rotating wall clouds/funnel clouds/tornadoes

LOSS OF REPEATERS

- 1) If 146.90 OR 145.33 is unavailable > go to 444.050
- 2) If 444.050 is unavailable > SIMPLEX 147.52
- 3) In a SIMPLEX only situation, HF nets will be activated on 3.873 night time & 7.272 daytime
- 4) All other stations on SIMPLEX will be expected to act as a RELAY station for any other station who can not contact the Net Control Operator on 147.52
- 5) All stations with WINLINK capability should prepare equipment and begin to monitor WINLINK for messages

OTHER WAYS TO REPORT

- Use the mPING phone app
- Email NWS Fort Worth:
sr-fwd.webmaster@noaa.gov
- Call NWS Fort Worth: 817-429-2631

BEST PRACTICES

- NEVER go out into a hail storm to collect hail
- NEVER go outside during a lightning storm
- NEVER go outside to take a picture of a tornado that is in your **immediate area**
- If you are inside a vehicle, do not roll down a window and put your hand on the door or door knob/latch
- When taking a picture of hail, place a known sized object beside it: golf ball/quarter...
- Plan for the worst, hope for the best

VAN ZANDT COUNTY ARES

- ARES EC- Colton Yeldell, KI5LDJ
- 147.200 PL 156.7 +600 offset

WINLINK

- Email using RF to transmit the message
- Requirements: working radio system (VHF or HF), computer with software, sound card (either internal or external) of your radio
- World wide delivery
- Will work using an Internet connection
- BE PREPARED

VOLUNTEERS

In case of a major disaster, are you willing to help your neighbors to contact friends or relatives outside of the disaster area using ham radio?

QUESTIONS

Charles Wells, N5SER

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