



Cherokee County Amateur Radio Emergency Service

Oct. 2002

C.C.A.R.E.S.



Emergency Coordinator: Steve Hammond K4SAH email: k4sah@arrl.net

Weekly Net: Monday Nights 8:45pm – 145.370 (- offset and 100hz Tone) KB4IZF Repeater
Third Monday of Month is a Simplex Net on 147.420 Website: <http://www.cherokee-ares.org>

Monthly Meetings: First Saturday of each month 10:00AM - Locations Announced on NET

WELCOME

to the Cherokee County Amateur Radio Emergency Service (CCARES) Newsletter! This Newsletter is provided to enhance the services of CCARES to Cherokee County, utilizing Amateur Radio, and it's membership.

November 2nd, 10:00am, ARES Meeting @ Lawrenceville Hamfest.

Our next monthly meeting will be held at the Alford Memorial ARC Hamfest in Lawrenceville, Ga. on November 2nd, 2002, at 10:00am. The hamfest will be held at the Gwinnett County Fairgrounds, located on Sugarloaf Parkway in Lawrenceville, Ga. Mark your calendars now for a great time and informative meeting! Check in to the Net on Monday evening for more details. See all of you there!

Next month's edition will include swap shop items for trade or sell. Email items to Jim-N4ZFU

Volunteers are needed to serve as C.C.A.R.E.S. Net Control Station Operators

If you are interested in conducting the Monday night NET, please contact Steve Hammond.

Leadership Team

Emergency Coordinator: Steve Hammond - K4SAH

Assistant Emergency Coordinators

Liaison: Steve Cook - KE4WLQ

Operations: Bobby Dranzek - KG4QGK

Early Warning Station: Markus Powell - AF4VS

Early Warning Station: Jodi Powell - AG4BK

Official Emergency Station: Richard Byrd - KA4PRN

Chaplain: Mike Hill - K4JKM

Newsletter: Jim Millsap - N4ZFU@bellsouth.net

C.C.A.R.E.S. ID CARDS

All members new and old, of the Cherokee County ARES group, will require new ID and Access Cards for the new EOC on Chattin Drive in Canton.

Steve will advise the time and place, members will need to schedule to obtain the cards.

We would like to take this opportunity to personally thank **Mr. Hugh Pearson, KB4IZF**, for the most gracious use of his repeater, 145.370mhz, located at 3,300 ft. on Mt. Oglethorpe, east of Jasper, Ga.

Cherokee County ARES held it's October monthly meeting on Saturday, 10-5-2002, after the Georgia ARES SET 2002, at the new Cherokee County EOC. Members met afterwards at Williamson Brothers BBQ in Canton, to discuss the SET and chow down on some great BBQ. Darragh McClure, WA6IKS and Steve Hammond, K4SAH, met at 6:30am, at the new EOC, to set up field stations, consisting of VHF and HF radios and antennas. Fourteen (14) ARES members showed up and were given their assignments for the Simulated Emergency Test. Six teams were dispatched to county shelters and formal message traffic was passed. Simplex tests were done on 2m & 75m. Thanks to all who helped make this a successful SET.



Bobby-KG4QGK @ 2m station during 2002 SET

Cherokee County Fire-EMA News West Nile in Georgia

West Nile (WNV) is usually a disease of birds that is spread by mosquitoes according to the Georgia Department of Public Health. At times WNV may infect humans or other types of animals. Symptoms of WNV in humans are usually mild and may include fever, headache, swollen glands, and/or a rash. WNV is most serious in people who are over 50 years old.

According to the Georgia Department of Public Health the West Nile virus has been reported in the following Georgia Counties during 2002:

Baldwin: 1 Red-tailed Hawk
Cobb: 1 Blue Jay
Dade: 1 Blue Jay
DeKalb: 5 American Crows, 1 Blue Jay, 1 Mocking Bird
Early: 1 Blue Jay
Fulton: 1 Crow, 4 Blue Jays, 4 Mosquito pools
Gwinnett: 1 Brown-headed Cowbird
Henry: 1 American Crow
Morgan: 1 American Crow
Pike: 1 Horse
Putnam: 2 American Crows, 1 Horse

Don't get mosquito bites

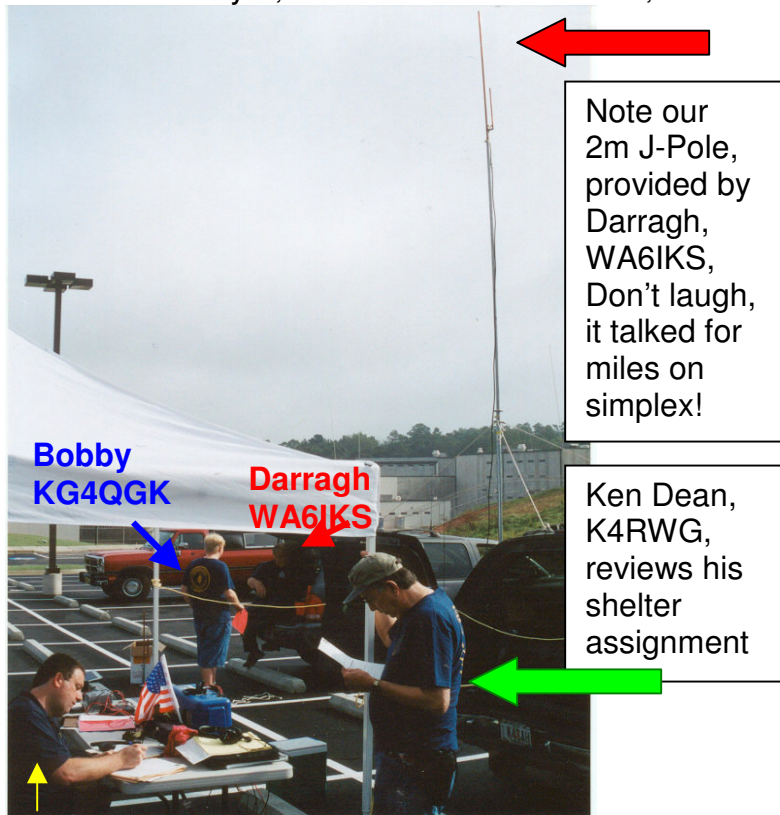
- v Reduce your time spent outdoors when mosquitoes are most active
- v Wear pants, long sleeves, shoes and socks when you are outdoors while mosquitoes are active
- v Consider using a mosquito repellent that contains deet on exposed skin. Follow directions carefully and DO NOT USE on infants or pregnant women.
- v Make sure your home and porch have tight-fitting screens that keep mosquitoes out.
- v Don't allow mosquitoes to breed near your home
- v Properly throw away or destroy old tires
- v Dispose of tins cans, jars, plant pots, and any other containers that can hold water
- v Make sure roof gutters drain properly. Clean clogged gutters in the spring and fall
- v Store wheelbarrows, tubs, buckets, barrels,& boats upside down so that water cannot accumulate in them
- v Screen or cover rain barrels
- v Change the water in bird baths, small wading pools and pet dishes at least once a week
- v Properly chlorinate backyard swimming pools. Cover any pool that is not in use so rainwater and leaves do not accumulate in it. Be sure the cover does not hold pockets of water.

If you have any questions concerning the West Nile Virus or dead birds found near your home contact the Cherokee County Public Health Department at 770-479-0444 or the Cherokee County Emergency Management Agency at 770-479-2090 or visit one of the following web sites:

www.agr.state.ga.us/ <http://health.state.ga.us/epi/vbd.shtml> www.cdc.gov/ncidod/dvdb/westnile.

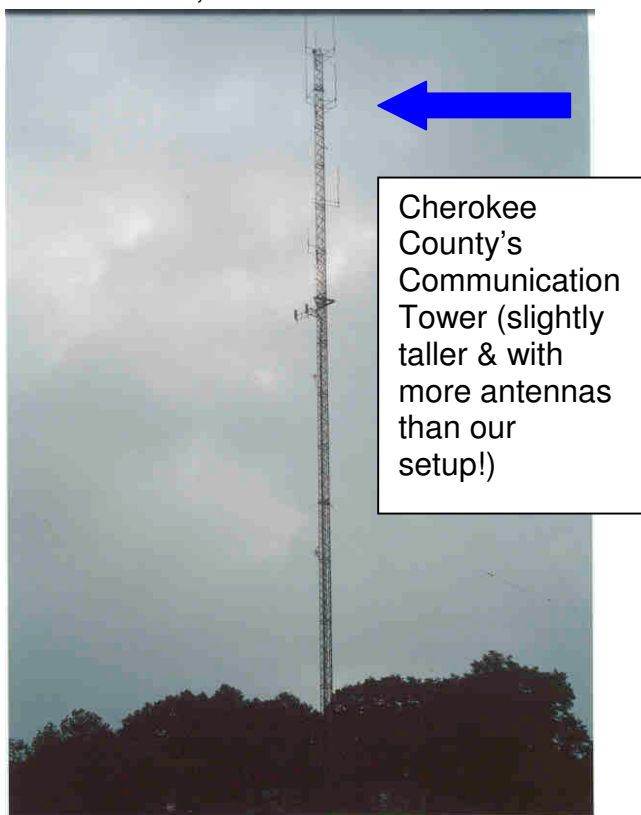
Georgia ARES S.E.T. - October 5th

The Cherokee County ARES Group participated in the annual Georgia ARES Simulated Emergency Test, held on Saturday, October 5th. Under the direction of our Georgia SEC, **Mike Boatright, KO4WX**, & DEC, **Steve Reynolds, W4CNG**, the 2002 Georgia ARES SET was initiated at 0800 hours on 10-05-2002. The specific goal of the SET was to test statewide and district wide (HF & VHF phone) communication procedures. A secondary goal was to provide effective statewide portable and field communications. 14 Cherokee County ARES members were activated and passed HF & VHF traffic. ARES members participating in the Georgia 2002 SET were: KA4PRN-Richard Byrd, K4JKM-Mike Hill, NA4O-Mark Hopkins, N4ZFU-Jim Millsap, N4ZFT-Kenny Cannon, KG4QGK-Bobby Dranzek, KG4UFQ-Wesley Millsap, WA6IKS-Darragh McClure, K4SAH-Steve Hammond, K4RWG-Ken Dean, K4EA-Neal Sullmeyer, W4SKB-Steve Bramham, AF4VS-Markus Powell, and N4RYB-Bill Coffee.



Note our 2m J-Pole, provided by Darragh, WA6IKS, Don't laugh, it talked for miles on simplex!

Ken Dean, K4RWG, reviews his shelter assignment



Cherokee County's Communication Tower (slightly taller & with more antennas than our setup!)

Steve, K4SAH (seated) activates CCARES



Steve's new toy, Yaesu FT- 897 worked great! (Thanks, HRO and "Smitty", W4MMS, for getting them!)

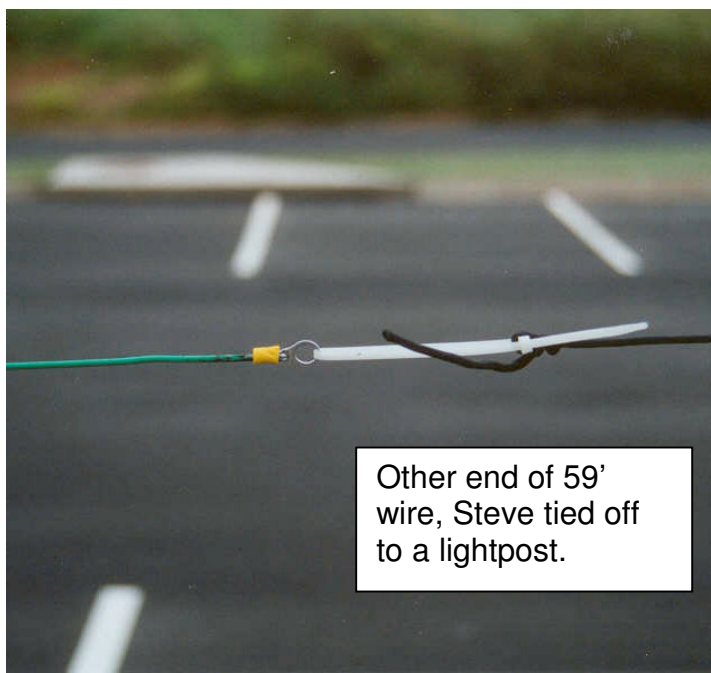
Cherokee Fire, EMS, & Sheriff Dept Comm's



FT- 897 connected to 59' NVIS 75m antenna Suburban is used as counterpoise (huge ground)

NVIS (Near Vertical Incident Skywave) Antenna usually works best in the 30-200 mile range (from article by D.W. Thorne, K6SOJ, SEC SV Section-N. California) (Steve modified slightly just for 75m)

3/8 x 24 stud mounted on ladder rack clamp, approx. 59 feet of #12 stranded wire (green). Note blue wire grounded to vehicle body.

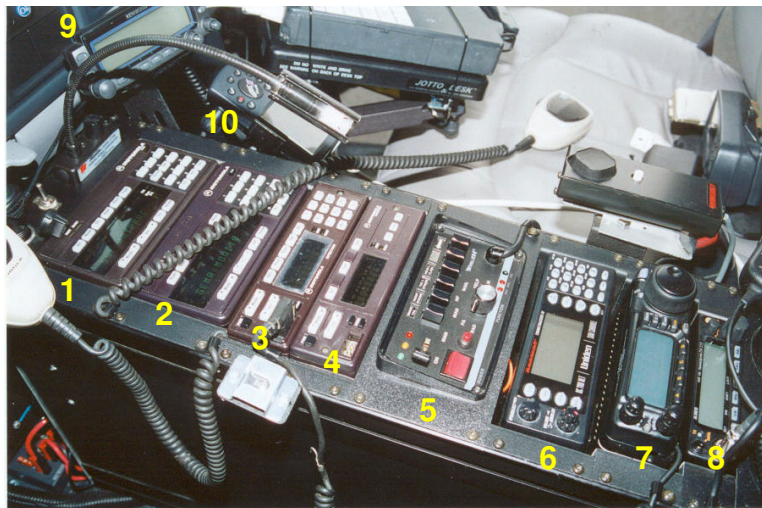


Other end of 59' wire, Steve tied off to a lightpost.

Close-up view of NVIS antenna on luggage rack 59' of #12 wire with car as ground, produced great HF

We have been trying to "Spotlight" our EC, Steve's mobile command center for a while.

This month I sneaked a few pictures inside his Suburban at the 2002 SET.



Pictured left is laptop used to send ARES pages to our pagers and "The Console".

The close-up at right reveals: Top left- Motorola Dual Head, VHF & UHF, 100 watts. 2nd is a Motorola Low-band for GEMA. 3rd unit is Motorola 900mhz. 4th unit is Motorola 800mhz. 5th is control head for lights, loudspeaker, etc. 6th is Uniden BC780XLT Trunk Tracker Scanner. 7th unit is a Yaesu FT-100D (HF, 6m, 2m, 70cm), 8th unit is an Alinco 220mhz. The upper left (9) control head is a Kenwood TM-D700A Dual Band (2m, 70cm) used for APRS. Just below that is a GPS unit (10, under flexible light). The top of Steve's Suburban resembles an antenna farm but is the ultimate communication vehicle! The rear compartment area is stocked with spare DC, telescoping mast, gas generator, tent, and all the usual items needed for emergency set-up. Thanks (ahead of time) Steve, for allowing us to publish and view your set-up. The FT- 897 compliments this collection, just one question though, *where will you be able to install it?*