



Our mailing address
Greenwood Amateur Radio
Society
P.O. Box 49591
Greenwood, SC, 29649

2024 CLUB

OFFICERS

President

Kevan Nason, N4XL

Vice President

David Collins, N4WDC

Secretary

David Davenport, KY4GM

Treasurer

Mitch Litwer, KJ4JGP

Repeater Trustee

Buddy Willis, W4DEW

Activities Manager

Di Litwer, N4DLL

Editor in Chief

Michael Wills, KA4CSM

Librarian

Jack Witt, KN4SIK

The W4GWD Repeater Network

147.165+ t107.2
443.900 +

W4GWM/R
145.420- DV
W4DEW/R

The Signal Report

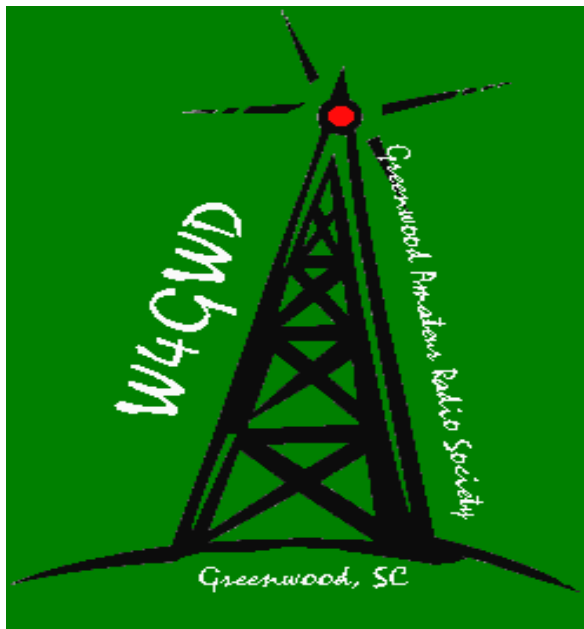
A Publication of the Greenwood Amateur Radio Society (GARS)

VOLUME 22 ISSUE 07

JULY 2024

[HTTP://WWW.W4GWD.ORG](http://www.w4gwd.org)

W4GWD@ARRL.NET



The 2m (147.165) and 440 (443.900) Analog Repeaters are both up.

The GARS D-Star repeater 145.420's the new amplifier was recently installed.

Repeater Linking: our 2m and 440 repeaters are not linked during nets but will be during special occasions

July 2024

The next GARS monthly meeting will be held at the Westminster Presbyterian Church, 2330 Cokesbury Rd, Greenwood on **9 July 2024** beginning at 7:30 pm. The doors will be open at 7:00 pm for members to have a time of fellowship and setup for the meeting. Hope to see you all there.



Greenwood Amateur Society Recurring Events:



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Chat 'N' Chews

Begin gathering at 1115 at different locations each week. Kin KJ4BAK will announce locations on both the Monday and Thursday night nets. Dutch treat.

Weekly Nets

Each Thursday night at 9pm on the 147.165+ machine, the Greenwood Amateur Radio Society holds our weekly 2 meter net.

Our UHF net on 443.900+ is held Mondays at 8pm

Help spread the word for everyone to check-in to our nets. If you would like to become a net controller or a backup or have a question about net controllers please contact [Chris Ahif, KQ4GGG](#).

VE Exam Session

The next VE testing session is on **August 6, 2024**, at 7 p.m.. It will be held in the same room as our regular meetings at the Westminster Presbyterian church, 2330 Cokesbury Rd, Greenwood SC. **Walk-ins are now welcomed**, no preregistering, bring \$15 cash, must have FRN & two forms of ID, contact [Tommy, K4XB](#) with any questions

Congratulations!!

Happy Birthday!

| | | |
|------------------|------------|---------|
| Stephen Lyda | KA4PQA | July 4 |
| Jack Witt | KN4SIK | July 12 |
| Betty J. Powell | family mbr | July 15 |
| Suzanne Richmond | N4IEO | July 22 |
| Mitchell Litwer | KJ4JGP | July 24 |
| Jennifer Lyda | family mbr | July 27 |
| Jeremy Manning | KI4CCZ | July 28 |

Happy Anniversary!

| | |
|---------------------------------------|---------|
| Ken (KQ4RB) & Michele Trapnell | July 1 |
| David (W4MCC) & Brenda McCall | July 7 |
| George (W3RXF) & Betty Crane | July 11 |
| Joe (KK4RVC) & Wendy (KN4DYX) Suddeth | July 12 |
| Stephen (KA4PQA) & Jennifer Lyda | July 16 |



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Congratulations & well done to Russ Myrick, KN4TUI for becoming a registered ARRL instructor. He is looking forward to complementing club resources and continuing to contribute to the club.

No one submitted any responses to last months Mystery Shack question. Due to lack of participation we have stopped the "Ask an Elmer" series.

FT8 DXPedition mode for working Fox and Hound, submitted by Kevan

[FT8 DXPedition mode for working Fox and Hound \(youtube.com\)](https://www.youtube.com/watch?v=FT8DXPeditionmodeforworkingFoxandHound)

We have been invited to take part in the Greenwood Jeep and Duck Jam and Special Olympics on July 13 at the Greenwood Airport. They have asked us to bring our trailer, display some amateur radio Equipment, and answer questions about being a "ham" and how it could enhance the off roading experience. If you would like to participate or pull the trailer over let [Kevan](#) know.

<https://happeningnext.com/event/greenwood-duck-n-jeep-jam-eid3a0bdiu5cg>

Dave KY4GM invited all licensed hams to meet him at the Greenwood State Park on a Saturday earlier this month to learn more about POTA and assist him with testing several antennas. Vernon Clamp, KQ4FBT took him up on the offer.

If you have been curious about the ARRL service disruptions, see below

<http://arrrl.org/news/arrrl-systems-service-disruption>



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Greenwood Amateur Radio Society 2024 Field Day



Pictures by Mitch KJ4JGP

Nineteen GARS members had a great time during Field Day 2024 in the Ninety Six town park. Threatened rain held off and the pavilion offered plenty of shade from the blazing sun. A light breeze augmented by portable fans and very few insects meant people were fairly comfortable throughout the two days and intervening night event. The Mayor of Ninety Six stopped by to greet us and make sure we had access to the bathroom facilities. The town police stopped by twice. Once during the day to ensure we were following park rules. The officer at night told us he was glad we were there practicing emergency communications, said he was keeping an eye out to make sure we were safe, and he told us how to contact him if anything came up. Time spent being concerned about being bothered by anyone overnight was wasted fretting since no one came by except for a wayward armadillo.

The day started early Saturday morning at 8 AM with Chris KQ4GGG and Kevan N4XL unloading equipment and supplies. Chris went above and beyond supplying two generators, awnings, water, an IC7300 and a 2 meter rig, a G5RV and 2m antenna, and too many other items to list here. People trickled in during the hours that followed. The IC7300 was used for SSB and Kevan N4XL set up a TS590 using computer logging as a CW station. Being 1A the antenna was swapped between rigs as needed. Dave KQ4JJE arrived with the club trailer, Mitch KG4JGP brought his camera, Al KB4RA his portable station, Aubrey KO4UGN set up his portable station, Kin KJ4BAK a cooler of iced water, were only some of the people who contributed.

Kevan N4XL gave a short training session demonstrating how to erect a ground mounted vertical. He used surplus military fiberglass poles to raise a premade a 20 meter wire vertical and attached several ground radials showing how easy it is to construct an effective DX antenna. Then it was dismantled and a G5RV was raised. That didn't go very well however. Two of the fiberglass poles cracked while raising the mast and it came tumbling down giving Carlis KG4RIT a cut on his head. Dave K4DWR stepped up to cleanse and cover the wound. We were all relieved Carlis wasn't seriously hurt. The incident was captured in the after Field Day Lessons Learned to prevent future similar issues. (continued next page)



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Greenwood Amateur Radio Society 2024 Field Day

Several people had fun operating. Stephan KA4PQA did very well. He made many contacts during the day and stayed late into Saturday night adding nearly a dozen more. Tommy K4XB and Al KB4RA's knowledge of the IC7300 was extremely helpful to those of us who had never used the rig before. Both made several SSB contacts each. It was Chris KQ4GGG's first time using the microphone on an HF station. You wouldn't have known it by listening to him. Chris worked off and on through the night. Kevan N4XL fired up TS590 on CW during the nighttime hours and found the bands to be very active. He did have to take the headphones off to figure out what that strange droning noise was. It seemed to be coming from behind him. Turned out Chris was zonked out laying on a picnic table snoring so loud Kevan turned the rig's volume up to more clearly hear some of the weaker CW stations. Chris did wake up before sunrise and cook a much appreciated breakfast for himself and Kevan.

Sunday afternoon promised to be very hot, and it was learned a heat advisory was issued. The group decided to break it down early. With everyone helping things went smoothly. Dave KQ4JJE took the trailer back to his home to make some repairs to the tail light wiring harness before it is needed again in July.

W4GWD put 275 contacts into the log. 62 were on SSB and 213 on CW. Stations ranged from Hawaii, California and British Columbia in the west, Texas in the south, North Dakota and Manitoba in the north, Maine to Florida and even the Czech Republic in the east. Most were using 20 and 40 meters with only 2 CW contacts being on 15. All with only 100 watts and no FT4/8. Pretty good coverage for a short antenna at about 25 feet. Although not part of the GARS log, Aubrey KO4UGN was thrilled his portable station managed to snag France on 15 meter SSB using only 10 watts.

We look forward to seeing you come out and joining in the fun next year!

Kevan N4XL



The man in red is the ninety-six Major who stopped in to say Hi.

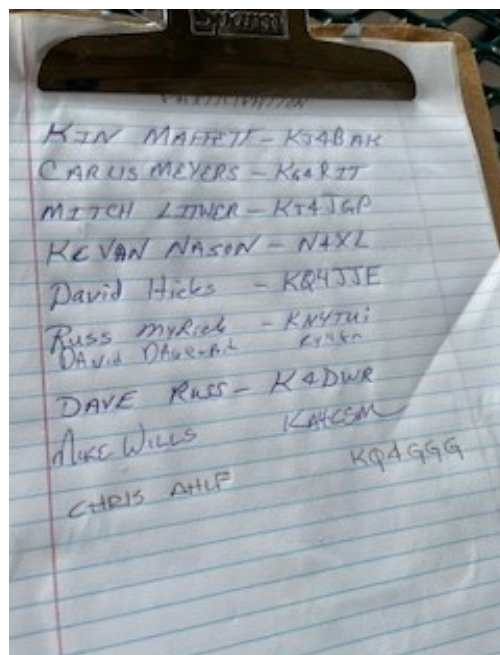


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Found time to work on the club trailer



Sign in roster at 1045 am, many others
dropped in throughout the day



Kevan N4XL & Tommy K4XB getting in some radio time with
Dave K4DWR looking on.. Chris KQ4GGG in background talking
with 2 ARRL reps.



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Kevan N4XL gave a hands on class on erecting a vertical wire antenna. He used 4 radials on it but emphasized that 32 would be the optical number





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Chris KQ4GGG & Stephen KA4PQA getting some
radio time



2 ARRL representatives signing in



Unfortunately Dave K4DWR had to put his SF medical training into use



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ticulating in a Winter Field
Day on Jan 27/28 2024.





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participating in a Winter Field
Day on Jan 27/28 2024.

Ar-

HAM RADIO IS NOT A HOBBY,



IT'S A POST-APOCALYPTIC LIFE SKILL

Please contact [Jack KN4SIK](#) if you have any comments or suggestions for the GARS library. It is there for GARS members use. The Wall locker (located at Westminster Presbyterian Church) is unlocked. If you'd like to checkout a book, find one you like and take it, then [email Jack](#) your name and its title. **Mitch KJ4JGP** has recently donated several books on antennas.



Citizens Radio Callbook, May 1924

[Call-Book-1924-May.pdf \(worldradiohistory.com\)](#)

jk

HAMFESTS & EVENTS

WCARS Hamfest 2024 , July 20, 2024 [hfnotice.pdf \(wcars-club.org\)](http://hfnotice.pdf(wcars-club.org))

Shelby Hamfest August 30—September 1, 2024 <http://shelbyhamfest.org>

CLASSIFIEDS

Nothing submitted

- * The American Radio Relay League protects our rights as Amateur Radio Operators <http://www.arrl.org>
- * Support for SERA supports proper coordination! <http://www.sera.org>
- * Remember your local and regional interest clubs!
- * Southeast DX Club <http://www.sedxc.org>
- * Spread the word GARS weekly nets: 147.165 2m Net Thursdays 9 p.m.
443.900 70cm Net Mondays 8 p.m.
- * Callsign info <http://www.ae7q.com>*
- * Track us on APRS: <http://aprs.fi>,
- * Swamp Fox Contest Group <http://swampfoxcontestgroup.com>

I hope you have enjoyed reading our newsletter. Please contact me at Mike31406@gmail.com to place a classified ad or with any ideas/comments/suggestions etc.

Mike



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Greenwood Amateur Radio Society Silent Key Memorial

Established in Memory of all Greenwood Amateur Radio Society (GARS) Radio Operators who were club members and are now Silent Keys. They were friends, family, & fellow hams and all are missed. Page 1 of 2

| Call | First name last name | Date of Death |
|--------|----------------------|------------------------------|
| KK4RVA | Colie Floyd | Tuesday, April 9, 2024 |
| KK4WJQ | Cynthia Penman | Saturday, February 25, 2023 |
| WB4KXE | Harvey Hill | Friday, October 07, 2022 |
| W8PC | Bob Skutt | Friday, July 22, 2022 |
| N2OEE | Bob Wiener * | Tuesday, April 12, 2022 |
| AJ4PU | David Haynes * | Friday, November 26, 2021 |
| KB4YON | Eldora Keck | Thursday, October 14, 2021 |
| WD4BWK | Franklin Mitchell | Saturday, September 25, 2021 |
| KE4NL | Bill Sargent | Sunday, August 29, 2021 |
| W3COX | Jim Cox * | Friday, July 16, 2021 |
| KC4JUC | John March | Tuesday, June 22, 2021 |
| KI4WJO | Jewell Mimms | Tuesday, July 14, 2020 |
| AK4EK | Jim Gresham * | Tuesday, July 07, 2020 |
| WB4MLU | Homer Banks | Sunday, June 07, 2020 |
| KC4UU | Jo Henry * | Sunday, October 06, 2019 |
| WW4I | Phil Henry * | Tuesday, January 01, 2019 |
| KJ4VJ | Bert Keck * | Tuesday, October 23, 2018 |
| AD4XA | Charles Pruitt | Saturday, October 06, 2018 |
| KG4WRC | Don Finlayson | Monday, March 13, 2017 |
| N4IDL | Jack Wheless | Tuesday, January 17, 2017 |
| KN4D | Max Sisson | Saturday, November 12, 2016 |
| K4GBH | Joe Mimms * | Tuesday, December 29, 2015 |
| KV4IAV | Marion Elledge * | Sunday, December 27, 2015 |
| KC4JWM | Alice Taylor * | Friday, December 11, 2015 |
| K4FPF | Paul Valentino | Saturday, May 23, 2015 |
| KC4KZ | Don Henderson * | Friday, April 03, 2015 |
| W4PY | Warren Wise * | Saturday, February 14, 2015 |
| KD4YPI | Todd Hendrix | Saturday, March 08, 2014 |
| KD4BKV | Margaret Fort | Monday, September 16, 2013 |
| KF4Y | Jim Long | Thursday, November 10, 2011 |
| WA4DLB | Harry Davis | Thursday, November 11, 2010 |
| W4GSW | Gay Willis * | Wednesday, August 11, 2010 |
| K4DOK | Morton Sanders | Tuesday, June 15, 2010 |
| W4LS. | George Miller | Thursday, August 13, 2009 |
| W4JAK | Allen Kennemore | Monday, June 29, 2009 |



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| Call | First name last name | Date of Death |
|--------|----------------------|------------------------------|
| KC4IEL | Brenton Bailey | Friday, May 15, 2009 |
| KE4QQS | Stanley Green | Saturday, September 27, 2008 |
| WA4TNO | George Fort | Tuesday, June 10, 2008 |
| KA4OPC | Paul Savage * | Thursday, January 10, 2008 |
| KD4BBZ | Richard Gillian * | Friday, February 02, 2007 |
| K4HAN | Ancel Ouzts | Wednesday, June 21, 2006 |
| KB4CK | Guy Copland * | Monday, April 17, 2006 |
| K4HIH | Richard Addison | Saturday, April 15, 2006 |
| KG4LEZ | James Shiles * | Sunday, January 01, 2006 |
| KC4GZV | Walter Davis | Sunday, May 16, 2004 |
| KA4PQA | Odel Lyda * | Thursday, September 25, 2003 |
| WA9FWO | Franklin Kolar Jr * | Saturday, August 09, 2003 |
| WD4JOU | Walt Spearman * | Monday, June 30, 2003 |
| W4WQM | Margaret Duchett | Thursday, June 19, 2003 |
| KC4MQA | Elbert Shirley | Sunday, January 12, 2003 |
| KB4BUR | Nell Spearman * | Sunday, November 17, 2002 |
| KC4CMF | Fred McKinney * | Thursday, April 04, 2002 |
| K4QMY | Dan Hammett | Friday, September 28, 2001 |
| KC4ZJP | Cecil Sutton * | Thursday, January 25, 2001 |
| WA4JOS | Robert Buffington | Saturday, August 12, 2000 |
| WV4B | Glen Jennings | Friday, January 14, 2000 |
| K4VIA | Earle Gillian * | Monday, January 12, 1998 |
| KC4JWL | James Taylor * | Monday, January 13, 1997 |
| KC4LSN | JR Labron Jones * | Thursday, March 21, 1996 |
| WA4TME | Brenda Fort | Tuesday, October 25, 1994 |
| KD4EHP | Anne Miller | Thursday, March 24, 1994 |
| W8MID | Jack Mc Guffee | Monday, September 07, 1992 |
| N4LTL | James Wellmaker | Tuesday, February 05, 1991 |