



# Yavapai Signal

The Yavapai Amateur Radio Club – Prescott, Arizona – DM-34 – Volume 38 – No. 8 — August 2023

Upcoming Club Events				
Event	Date	Time	Place	Contact / Info:
General Meeting	August 3, 2023 Thursday	1900 MST 7 p.m.	Freeman Building, Prescott Rodeo Grounds	Club Website
YARC Breakfast	August 17, 2023 Thursday	0800 MST 8 a.m.	Backburner Restaurant, Prescott Valley	Don WB7TPH or Jeff WB7RFY
Transmitter Hunt	August 5, 2023 Saturday	1300 MST 1 p.m.	5634 E. SR-69, Prescott Valley — Home Depot & Hobby Lobby parking lot	Pete K6VVR or John WB9VGJ
<b>General Meeting Programs — See page 3.</b>				
<b>Public Service Communications — See page 4.</b>				
<b>Amateur Radio License Testing — See page 5.</b>				

YARC:	Badges	Patches	Shirts
<b>Features:</b>	Name & Call	Club Name & Logo	With or Without Name & Call
<b>Contact Person(s):</b>	Jane Lurette K7ZHF	Jane Lurette K7ZHF	Pete Morrison K6VVR
<b>Cost:</b>	\$13.00 each	\$6.00 each	Without Name & Call \$20.00 — With Name & Call \$24.00 each

## Welcome to the Yavapai Amateur Radio Club

The Yavapai Amateur Radio Club (YARC) is an ARRL affiliate Special Service Club. The club participates in many activities in the quad-city (Prescott, Prescott Valley, Chino Valley, and Dewey-Humboldt) area by providing communications for local events, emergency communications, and promotion of the hobby throughout the community.

Membership in YARC is open to any interested amateur or non-amateur alike. Dues are \$20.00 per year (full-time students \$15). YARC general meetings are usually at 1900 MST (7 p.m.) on the first Thursday of every month at the Danny Freeman Building, Prescott Rodeo Grounds, 840 Rodeo Drive in Prescott

[www.w7yrc.org](http://www.w7yrc.org)

YAVAPAI AMATEUR RADIO CLUB – PO BOX 11994 – PRESCOTT AZ 86304-1994

### Club Nets

Band	Mode	Frequency	PL	Day or Night	Time
2M 70cm	FM	146.880 MHz 447.650 MHz	- 100.0 Hz	Mon. through Fri.	1300 MST 1 p.m.
2M 70cm	FM	146.880 MHz 447.650 MHz	- 100.0 Hz	Wednesday	1900 MST 7 p.m.
6M	FM	52.060 MHz / I 52.560 MHz / O	- 100.0 Hz	Friday	1830 MST 6:30 p.m.
10M	SSB (USB)	28.444 MHz +/- QRM	N/A	Thursday	2000 MST 8 p.m.
2M 70cm	FM	146.880 MHz 447.650 MHz	- 100.0 Hz	Saturday	0900 MST 9 a.m.

### Yavapai County ARES/RACES Nets

2M	FM	147.260 MHz	+103.5 Hz	Monday	1830 MST 6:30 p.m.
2M	FM	145.290 MHz	-127.3 Hz	Monday	1900 MST 7 p.m.

### Submission Deadline for the Yavapai Signal

from editor Loren Singh, AE7CG

The usual deadline for submission of articles and photos to appear in the Yavapai Signal is the 18<sup>th</sup> calendar day of each month. That gives me time to edit and format submissions, and to have the newsletter available for distribution to the club membership by the 20<sup>th</sup> calendar day of each month. The aim is to have the newsletter in the hands of club members approximately 10 days or so before the holding of the general meetings on the first Thursday of each month.

[ae7cg@arrl.net](mailto:ae7cg@arrl.net)

### Share Your Surplus Items

Bring any ham related surplus items that you no longer need to the next club meeting. There will be a table at the meeting where your items can be placed. Let your fellow club member take those things that they want. The table will be available at each monthly meeting.

### Canned Food Donations

Bring your non-perishable food items to the monthly club meetings and Terry Pemberton KB7TRE will take them to the local food bank. Give your bagged items to Terry.



**From the President's Desk**  
by Raymond Kolman, KI7COM

On vacation at the North Rim Campground. Trying to make some DX Contacts. See you at the monthly meeting.

**Meeting Minutes**

By decision of the board of directors, minutes of the board and general meeting minutes will no longer appear in the Yavapai Signal. They are posted online at the club's website.

[www.w7yrc.org](http://www.w7yrc.org) → [Members](#) → [Login](#) → [Reports](#)

- |
- [Board Minutes](#)
- [Club Minutes](#)

**Upcoming General Meeting Programs, 2023**

by Mike Reid, WU7V

<u>Month:</u>	<u>Program:</u>
August	Hidden transmitter hunter training. If you bought a Byonics Antenna Attenuator make sure to attend this meeting for instruction on how to use it. We will also have an interesting report from the Youth Amateur Radio Group.
September	The program for the meeting is now being planned.
October	The program for the meeting is now being planned.
November	Elections
December	Memeber Appreciation Dinner

**Mentor Buddies — Revised October 27, 2022**  
by Bill Noe, WG7W

Name	Call Sign	E-mail	Telephone
Don Bauer	WB7TPH	<a href="mailto:dbauer2250@aol.com">dbauer2250@aol.com</a>	928.775.4690
Art Protas	KG6AY	<a href="mailto:kg6ay.dm34@gmail.com">kg6ay.dm34@gmail.com</a>	928.227.2954
Jerry Warzeha	W7FNC	<a href="mailto:jerry.warzeha@hotmail.com">jerry.warzeha@hotmail.com</a>	612.205.3810
Bill Noe	WG7W	<a href="mailto:wg7w@arrl.net">wg7w@arrl.net</a>	928.710.6925
Mike Belanger	W1DGL	<a href="mailto:fix_broke_airplanes@hotmail.com">fix_broke_airplanes@hotmail.com</a>	928.710.2565
Ron Purcell	K17EVK	<a href="mailto:728rwp@gmail.com">728rwp@gmail.com</a>	707.849.7099
Jack Szelka	A11K	<a href="mailto:radioaik@gmail.com">radioaik@gmail.com</a>	401.580.0330
Mike Reid	WU7V	<a href="mailto:mdr126@gmail.com">mdr126@gmail.com</a>	480.250.6093
Sandy Meadowcroft	KF4JHC	<a href="mailto:sandymeado2@yahoo.com">sandymeado2@yahoo.com</a>	928.660.8323

**Morse Code**

Morse Code is still thriving in amateur radio, 24 years after its last commercial use. On July 12, 1999, the original dot/dash system, invented by Samuel F. B. Morse in 1837, gave way to the rapid development of analog and digital communications. The final message sent in Morse code for commercial use was the same one that Morse hammered out on his telegraph key 155 years earlier in 1844, which was, "What hath God wrought?" But this time the message was followed by SK, meaning silent key, or deceased.

The International Maritime Organization replaced Morse code with the Global Maritime Distress and Safety System -- an automated ship-to-shore and ship-to-ship system that use satellites and/or terrestrial radio systems with digital selective calling technology. Morse Code is also still used in aviation. Pilots listen to a Morse code identifier to verify that their navigation receivers are tuned to the correct radio aid, such as a VHF Omni-Directional Range (VOR) or Instrument Landing System (ILS) approach guidance system. Railroads stopped using Morse code in the mid-1970s.

While Morse code is no longer used commercially, it is still an integral part of amateur radio. Amateur radio operators are no longer required to learn Morse code to obtain their license, but many learn the code on their own or by using study guides and taking classes. Every day, amateurs around the world use Morse code to communicate with each other, test their radio equipment, or pass along friendly information. Morse code is essential in helping people communicate during disasters and emergencies because of its signal ability to penetrate adverse weather issues and propagation disturbance. ARRL offers a variety of resources for those interested in learning Morse code. Visit <http://www.arrl.org/learning-morse-code> for more information.

**YARC Autumn Public Service Events**  
by Frank Bender, K8FB

The following is our 2023 fall public service event schedule:

- **Chino Grinder – September 16, 2023 – Contact: Don Sears N7PLL**  
([donsears@zoho.com](mailto:donsears@zoho.com))
- **Groom Creek Classic – September 23, 2023 – Contact: Frank Bender K8FB**  
([fhb47@hotmail.com](mailto:fhb47@hotmail.com))
- **Whiskey Row Marathon – October 14, 2023 – Contact: John Snedden KT7P**  
([kt7p19@gmail.com](mailto:kt7p19@gmail.com))

Public service events are a great way to support your community, test your equipment in the field, improve your operating skills, meet other club members, and enjoy the great outdoors in the local area. If you are new or inexperienced, we will team you up with someone experienced. At minimum, all you need to participate is a VHF handheld transceiver.

## License Testing

by Don Bauer, WB7TPH

Our next scheduled license test is **Saturday August 5, 2023**. The time is 9:00 AM at the Jeep Posse Building. Remember, the FCC Application Fee is now in effect. That means that new licensees will be assessed a \$35 registration fee directly from the FCC. It is delaying the receipt of licenses just a bit, depending on how quickly the candidate responds to the email from FCC.

**A note to all our Technician licensees:** Upgrading to General is not that difficult and it is very rewarding. We have mentors and classes to help. **Try it, you'll like it! And, the fee does not apply to simple upgrades.**

Upcoming License Testing						
Date	City	Location	Time	Sponsor	Contact	Walk-in
08/05/23	Prescott	Jeep Posse Bldg.	9 a.m.	Yavapai Amateur Radio Club	Don Bauer 928.775.4690	Yes
10/07/23	Prescott	Jeep Posse Bldg.	9 a.m.	Yavapai Amateur Radio Club	Don Bauer 928.775.4690	Yes
12/02/23	Prescott	Jeep Posse Bldg.	9 a.m.	Yavapai Amateur Radio Club	Don Bauer 928.775.4690	Yes



Field Day, June 24, 2023 — Youth Radio Group  
 Left: Heather W8GEM and pupils; Right: Learning to send Morse code.  
 (Photos courtesy of Ronald Shimek W7WWB)

**YARC Field Day Report — June 26, 2023**  
by Fred Pierce, K7FWP

WOW! It turned out "Most Excellent" and I am glad to have had the opportunity to see how the club gets together and gets it done for an exceptional Field Day! I would like to thank you ALL for the support and encouragement for the preparation and accomplishment of the 2023 ARRL Field Day. It was amazing to see all the participation from club members, young people, Jeep Posse, and all visitors. THANK YOU!!!!

I would like to give a special acknowledgment to the following folks for their OUTSTANDING work to make it all come together: Heather Anderson W8GEM; Dave Anderson K1AN; the YARC Youth members- Amazing work for many months to showcase your skills, never stop learning; John Snedden KT7P; Mike Reid WU7V; Mike Belanger W1DGL; Tim Norton K7PVY;

Kathy Laing KJ6KMK; the Arizona Near Space Research group <http://www.ANSR.or> for the balloon launch and support; Clayton Jacobs KJ6QJS; Steve Thomas KE7TLS; Yavapai County Jeep Posse; and Jim Zimmerman N6KZ for the use of the "How did you get a hold of that?" tripod and the Comet 250, hooked up to WU7V IC-7300, allowing the kids to get on the air (with over 10 successful QSO's).

The specific data from Field Day 2023 is being collected, and results will be forthcoming soon. I will let you know when this is complete, after the 4th of July. A quick snapshot is = over 200 people for the Youth group, over 60 hams for general check-in.



**Flagstaff Hamfest — July 15, 2023**

Steve Salkin KE6GMD was the winner of the Grand Prize at the Flagstaff Hamfest — an Icom IC-7300 transceiver! He bought five tickets, and one of them proved to be the lucky one. Fifth Prize winner was Tristan Hughes KK7LYR — a regular participant on the Knobby Knee Net (daily 0700 MST / 1400 UTC, 147.220 MHz, PL 162.2+ Hz) — won some ham radio test preparation books. He will be studying hard, and looks forward to upgrading his license from Technician to General. Congratulations to both of our local winners!





Pat Brower KK7PFB and Bob Sitterley K7POF at the Flagstaff Hamfest, July 15, 2023  
(Photo courtesy of Karmela Brower and Robbin McCoy W7POF)



**Mingus Mountain Repeater Group (MMRG, K7MRG/r)  
Ham Radio and Test Equipment Yard Sale**

The Yavapai Amateur Radio Club (YARC) appreciates and supports the Mingus Mountain Repeater Group (MMRG), another active amateur radio group in Yavapai County. Many YARC members are also concurrent MMRG members.

MMRG will hold a ham radio and test equipment yard sale:

**July 29, 2023 — Saturday**

**0730 to 1400 MST (7:30 a.m. to 2 p.m. MST)**

**171 S. Caliche Dr., Chino Valley, Arizona**



**July 2023 Foxhunt**  
by John Broughton, WB9VGJ

The July foxhunt was held Saturday, July 8, 2023. Robert WA6FBA and Bob WB6ODR were the foxes.

There were six teams for this hunt, a very good turnout:

<b>1</b>	Jeff WB7RFY, Keith KJ7GTX, and John WB9VGJ
<b>2</b>	Mike WU7V and Andy N7AAW
<b>3</b>	Richard W7NRM
<b>4</b>	Byron KK7BFL, Don KI7IOM, and Mike NC7X
<b>5</b>	Pete K6VVR, Dave W7BJ, Jerry KF7FPD, and Greg AJ6FN

The results of the hunt were:

Finish	Team	Time
1	4	40 min.
2	1	42 min.
?*	?*	62 min.
?*	?*	64 min.
?*	3	Not recorded

\* Due to errors and an omission in recorded times, the results are not conclusive.

This was the fourth foxhunt held in Prescott Valley. The foxes hid the transmitters Pronghorn Park on Rusty Spur Trail in the Pronghorn Ranch subdivision north of Highway 89A. It was a very successful hunt in that all of the teams found the transmitters. Due to difficulties with the scoring sheet's organization and interpretation, the results area somewhat nebulous.

Our team was somewhat puzzled as the signal of the transmitter did not seem to increase or change much as we drove around town until we got close to Pronghorn Ranch. As you can see in the pictures, this was likely because the foxes used a Yagi antenna pointing north and all the hunters were approaching from the south. It still turned out to be a successful and fun hunt.

Congratulations to Team 4 for winning the hunt!

Here are pictures of the hunt:

<https://tinyurl.com/YARCfoxhuntJuly-2023>

Only for hunters went to the Cracker Barrel restaurant for socializing after the hunt.

We invite anyone interested in foxhunting, especially anyone who has not done it before, to join us. Those new to the hobby can ride with an experienced hunter. We always have a good time, win, lose or draw.

**New Membership Website**  
by Mike Reid, WU7V

Big thanks and congratulations to Robert Riestler WA6FBA for successfully transferring 300 plus membership records to [HamClubOnline.com](http://HamClubOnline.com). Robert spent many hours handling membership data. He created a password system and a mass email application. We are very grateful for Robert's dedication in ensuring our club's success.

When directed to <http://hamclubonline.com/> you may need a new password — just click on "Forgot Password" and enter your call sign. If you don't have a call sign yet, use your appropriate email address. An email with instructions will be sent to you which may be the email address that the FCC has for you.

Send replies to [VicePresident@w7yrc.org](mailto:VicePresident@w7yrc.org) .

## The DX Store

[sales@dxstore.com](mailto:sales@dxstore.com)

[www.dxstore.com](http://www.dxstore.com)



### Breakfast and Lunch Gatherings

There are a number of breakfast and lunch gatherings in the area that are open to all radio amateurs and interested persons. Please let us know of any updates or corrections at [info@w7yrc.org](mailto:info@w7yrc.org) .

**Third Thursday** of the Month – **YARC** holds an informal **breakfast** gathering at the **BackBurner** Restaurant at 0800 MST (8 a.m.). The restaurant is at 8400 Long Mesa Drive in Prescott Valley. Contact Don Bauer WB7TPH or Jeff Hanna WB7RFY.

**Second Tuesday** of the Month – **Quarter Century Wireless Association (QCWA) brunch** gathering, 1030 MST to 1230 MST (10:30 a.m. to 1230 noon) at the **Golden Corral** Restaurant in Frontier Village in Prescott, off SR-69. You do not have to be a QCWA member to attend. **Note:** Because of a fire at the Golden Corral kitchen, the QCWA brunch gathering has been moved to the Panera Bread restaurant at 3065 Gateway Blvd. In Prescott.

**Every Monday** – **Dan Nichols (W6SAK SK) Memorial Lunch**, starting at 1145 at roving locations.  
Contact Bob Rosevear WB7RRQ, 928.910.2273 for more information.

**Every Wednesday – Lunch** – 1045 MST (10:45 a.m.) at **Costco** – "The Umbrella Club," now without the umbrellas!

### Club Officers, 2023

Officer	Name	Call Sign	Email Address
President	Raymond Kolman	KI7COM	<a href="mailto:president@w7yrc.org">president@w7yrc.org</a>
Vice President	Mike Reid	WU7V	<a href="mailto:vicepresident@w7yrc.org">vicepresident@w7yrc.org</a>
Treasurer	Jane Lurette	K7ZHF	<a href="mailto:treasurer@w7yrc.org">treasurer@w7yrc.org</a>
Secretary	Tim Norton	K7PVY	<a href="mailto:secretary@w7yrc.org">secretary@w7yrc.org</a>
Director	Mike Schnell	NC7X	<a href="mailto:nc7x@w7yrc.org">nc7x@w7yrc.org</a>
Director	Debbie Kolman	KD7COM	<a href="mailto:vista9@hotmail.com">vista9@hotmail.com</a>
Director	Ron Levine	—	—
Editor Emeritus	Joseph Oliver	AC6AA	<a href="mailto:ac6aa@arrl.net">ac6aa@arrl.net</a>
Editor	Loren Singh	AE7CG	<a href="mailto:ae7cg@arrl.net">ae7cg@arrl.net</a>
Webmaster	Robert Reister	WA6FBA	<a href="mailto:webmaster@w7yrc.org">webmaster@w7yrc.org</a>

### Yavapai Amateur Radio Club — W7YRC Club Station Access List — Effective January 1, 2023

#### Permanent Station Access (defined by YARC role) —

Name:	Call:	Lic. Class	Notes:	Telephone:
John Snedden	KT7P	E	YARC Ex-President	909.844.5108 – Do not contact for access
Frank Bender	K8FB	E	YCJP Bldg. Mgr.	928.379.5575 – Do not contact for access
Mike Belanger	W1DGL	E	Club Sta. Mgr.	928.710.2565 – OK to contact for access
Pete Morrison	K6VVR	E	W7YRC Trustee	928.899.8555 – Do not contact for access
Bud Semon	N7CW	E	ARES/RACES DEC	928.899.7400– Do not contact for access
Rob Redford	KG7LMI	G	ARES/RACES ED	623.252.3980– Do not contact for access
Jim Zimmerman	N6KZ	E	Elmer Group	928.713.0542 – OK to contact for access
Art Protas	KG6AY	E	Elmer Group	928.227.2954 – OK to contact for access
Doug Freeman	KV8TD	E	N7GMH Trustee	928.759.0958 – Do not contact for access

#### Building Access for Other Reasons (includes station access) —

Donald Bauer	WB7TPH	E	VE Chair	928.775.4690 – Do not contact for access
Kathy Laing	KJ6KMK	E	License Classes	928.778.2526 – Do not contact for access

#### Rotating Access (changes every July 1<sup>st</sup>) —

#### This category is limited and consists of volunteer members —

Jim Custer	WØHJ	E	Rotating Member	507.720.4053 – OK to contact for access
Tony Jackson	K6PSR	G	Rotating Member	562.644.0528 – OK to contact for access

#### Note to YARC Members —

**For station access, first try to contact the Rotating Access members.  
If you are not able to contact the Rotating Access members, then try to contact the other “OK to contact for access” members.**

