



Yavapai Signal

The Yavapai Amateur Radio Club – Prescott, Arizona – DM-34 – Volume 38 – No. 4 — April 2023

Upcoming Club Events				
Event	Date	Time	Place	Contact / Info:
General Meeting	April 6, 2023 Thursday	1900 MST 7 p.m.	Freeman Building, Prescott Rodeo Grounds	Club Website
YARC Breakfast	April 20, 2023 Thursday	0800 MST 8 a.m.	Backburner Restaurant, Prescott Valley	Don WB7TPH or Jeff WB7RFY
Transmitter Hunt	April 8, 2023 Saturday	1300 MST 1 p.m.	New Location: 5634 E. SR-69, Prescott Valley — Home Depot & Hobby Lobby parking lot	Pete K6VVR or John WB9VGJ
General Meeting Programs — See page 5.				
Public Service Communications — See page 6.				
Amateur Radio License Testing — See page 8.				

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

Club Website Registration

In order to receive the Signal (the club's official newsletter), you must be a member of the club. Make sure your email is correct by logging into our website (www.w7yrc.org), then clicking on the member tab and viewing your profile.

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

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 18th 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 20th 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

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, K17COM

This month I want to focus on our YARC Elmers. I have used the Elmers on many occasions and they have never let me down. The last time I used them was to help me repair damage to my antenna due to high winds from this month's severe storm. I needed to replace the pole and antenna. I requested assistance from the Elmers by filling out a site survey form.

If you need help from the Elmers, go to the club website (www.w7yrc.org) and on the first page look for [Elmer Group Site Survey Form](#). Click on the link and fill out the PDF form with your request. Then e-mail the form to ask.elmer@w7yrc.org. They will contact you and setup an appointment to meet with you.

The team that came to my house included Jim Zimmerman N6KZ, Arthur Protas KG6AY, John Snedden KT7P and David Erlach N5MB. Jim Zimmerman is the Lead Elmer and his team has the skills and knowledge to handle just about any task involving ham radios. Listen to their advice and you won't go wrong. They are very skilled at developing and troubleshooting your equipment. They are fantastic at doing site surveys. This is one aspect of being a club member that makes paying your dues a great benefit.

The Elmers have just about any tool needed to help you fix your problem. If they don't have what you need, they will recommend the best place to get the item you need. The team can also take a look at your Ham Shack and equipment and make recommendations. They also know the best equipment for you to get the most out of your ham shack. In the photo on the next page, Art is on the roof, John is on the ladder, and Jim is holding the ladder. Dave is not shown, but he was sitting on a chair nearby imparting his wisdom.

I will see you at the next meeting and stay RADIO ACTIVE!

Request for Volunteers by Raymond Kolman, K17COM

The club needs the following positions to be filled:

- Social Secretary
- Youth Radio Coordinator
- Quartermaster

Please contact one of the Board members if you are interested in volunteering to fill any of these positions.

The Saturday Stalwarts — 447.650 MHz YARC Coffee Net — Saturday, 0900 MST (9 a.m.)

Mike K7LMJ serves as the net control station every Saturday morning. **Note:** As of March 18, 2023, the 447.650 MHz and 146.880 MHz club repeaters were linked again, but still with performance problems. Not all stations could access the 70cm repeater, but all could do so on the 2m repeater. There was significant static on the 70cm signal, and the audio levels of some stations on the 2m repeater were low.



The YARC Elmer Crew (Top to Bottom: Art KG6AY, John KT7P, and Jim N6KZ) repairing an antenna after wind damage, February 24, 2023 (Photo courtesy of Raymond Kolman KI7COM).

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 → [Members](#) → [Login](#) → [Reports](#)

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

Upcoming General Meeting Programs, 2023

by Mike Reid, WU7V

Month:

Program:

April

Rick Paquette W7RAP, ARRL Section Manager,
will present an update about what is happening at the ARRL.

May

“Hidden Transmitter Hunting Skills”
Let us know if you want to buy an antenna attenuator.

June

Field Day Preparation

Mentor Buddies — Revised October 27, 2022

by Bill Noe, WG7W

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

2023 Prescott Hamfest Volunteers Needed

The 2023 Prescott Hamfest will be held on May 13, 2023 at the Granville Elementary School in Prescott Valley. For details, go to www.prescotohamfest.com. You can purchase grand prize raffle tickets and reserve tailgating spaces from the website. Don't forget that we will be selling grand prize raffle tickets at the April YARC meeting.

On the day of the hamfest, we are in need of help to set up and take down canopies and tables, help with admissions, vendor tailgating, parking, and helping Hamfest Central with selling hourly and grand prize tickets. If you can volunteer part of the time morning, contact our volunteer coordinator, Bill Kienzle KJ7UHI at wek10@comcats.net. Let Bill know what your interest might be, if you have any physical limitations, and what time that you would be available to help out with our club's major fund raiser of the year.

Upcoming YARC Public Service Events
by Frank Bender, K8FB

April 15, 2023 — Whiskey Basin Trail Runs (WBTR)

The first public service event of 2023 is the Whiskey Basin Trail Runs on April 15. This event has several runs on the Prescott Circle Trail that go for as long as 54 miles. Because of the duration of this event, we need two shifts of operators to staff the WBTR. If you are interested in participating in this event, contact Don Sears N7PLL (donsears@zoho.com).

April 28, 29, and 30, 2023 — Whiskey Off Road (WOR) Bike Event

The three day WOR Bike Event is our premiere public service event. We need 45 to 50 volunteers to support this event. The 15 mile fun ride is on Friday afternoon. The amateur 30 and 50 mile races are on Saturday, and the 50 mile professional races are on Sunday. The organizer for this event is Frank Bender K8FB (fhb47@hotmail.com).

May 20, 2023 — Groom Creek Mountain Mayhem

The Groom Creek Mountain Mayhem Bike Races will be held on Saturday, May 20, 2023. If you can assist, please contact Frank Bender K8FB (fhb47@hotmail.com).

While these enjoyable events support our community, you can also improve your operating skills, test your portable/mobile equipment, and meet different club members – all in beautiful outdoor areas surrounding Prescott. If you are new or inexperienced to these events, Don and Frank will pair you up with someone experienced.

You can find the 2023 calendar of public service events on the YARC web site at

<http://www.w7yrc.org/public-service-events/>.

We look forward to your participation in the club's public service events in 2023.

Other Public Service Events in June and July 2023

Yarnell Memorial Run – June 3, 2023 Contact: Doug Jarmoth NØDAJ (n0daj1950@gmail.com)

Prescott Rodeo Parade – July 1, 2023 Contact: John Snedden KT7P (kt7p19@gmail.com)



March 2023 Foxhunt
by John Broughton, WB9VGJ

The March foxhunt was held Saturday, March 4, 2023. Pete K6VVR, Jerry KF7FPD, Jerry KF7FPD, Debbie KD7COM, and Gary K6JXM were the foxes.

There were two teams for this hunt:

1	Robert WA6FBA, Steve KM7IDV, and John KJ7PJO
2	Jeff WB7RFY, Keith KJ7GTX, and John WB9VGJ
3	Byron KK7BFL and Don KI7IOM
4	John KK6SXH

The results of the hunt were:

Finish	Team	Time
1	2	1 hr. 19 min.
DNF	1	—
DNF	3	—
DNF	4	—

Our warmest welcome to two new hunters, KM6IDV and KJ7PJO.

The foxes hid the transmitters on a new stretch of S. Lakeview Dr. that runs along the south side of Solstice Mesa where Petroglyph Point is located. The new section of the road ties together the west and east ends of the street. Both ends have occupied houses on them. Four houses are under construction at the new west end where the foxes hid the transmitters. The street was barricaded at that point.

We had indications at the starting point that the main transmitter was SSE. We then went to the Pioneers Cemetery for another reading and the indication was it was SE. We then went to the Pioneers' Home and the reading there indicated the transmitter was north. We drove to Granite Creep Park as the bearings from my SigTrax app indicated that as a possible area. We had a very weak signal to no signal there. We headed east and then up Rt. 89 to Rosser and took more readings. We drove around the general area north of Rosser and finally honed in on the location. We got weak to no signals near Solstice Mesa. We decide to drive from the north side of it to the west end and then south to S. Lakeview Dr. We took a reading near the intersection after we turned east on the street. It was not very strong, but we decided to continue on. Then, around a bend the signal got stronger and we saw K6VVR's SUV. We were surprised to be first and more so that we ended up being the only team that found the transmitter.

WA6FBA had reworked his new Doppler setup, but unfortunately, it malfunctioned. Team 3 also had a Doppler setup and he came close to finding the transmitter. However, he was on the east end of Lakeview and there was a barricade there preventing him from driving straight through to the transmitter. The time limit for the hunt was about out so he decided to not continue. Team 4 had problems like we have had recently in that he was unable to hone in on the location.

While we were there a Prescott Fire Department fire engine arrived. We were curious why and were told they were there to check and see if the street went through. K6VVR explained what we were doing and told the driver a video about direction finding was going to be made and send to the police and fire departments.

Here are pictures I took on the hunt. Click on any picture in order to be able to zoom in on it to see more detail:

tinyurl.com/YARCFoxhuntMarch2023

The participants went to the Prescott Junction for after-the-hunt socializing and telling of tall tales.

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.

License Testing

by Don Bauer, WB7TPH

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
04/01/23	Prescott	Jeep Posse Building	9 a.m.	Yavapai ARC	Don Bauer 928.775.4690	Yes

The DX Store

sales@dxstore.com

www.dxstore.com



Breakfast and Lunch Gatherings

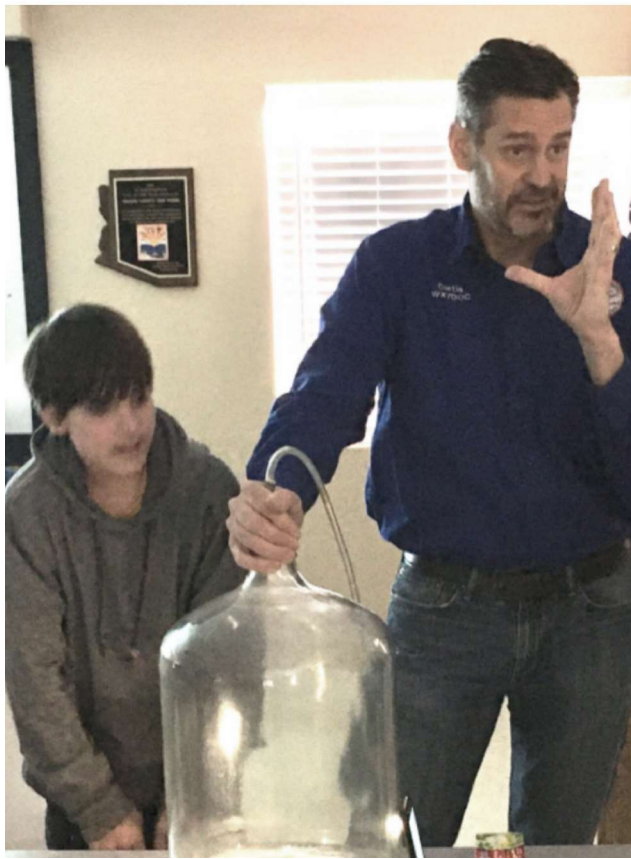
There are a number of breakfast and lunch gatherings in the area that are open to all radio amateurs and interested persons. Please let us know of any updates or corrections at info@w7yrc.org.

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.

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!



Embry-Riddle Aeronautical University Professor Curtis James WX7DOC presented weather spotter training to members of the YARC Youth Group, February 25, 2023 (Photos courtesy of Frank Bender K8FB)
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Club Officers, 2023

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

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 1st) —

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.**

