



Yavapai Signal

The Yavapai Amateur Radio Club – Prescott, Arizona – DM-34 – Volume 36 – No. 5 – May 2021

Upcoming Club Events				
Event	Date	Time	Place	Contact / Info:
General Meeting	May 6, 2021 Thursday	1900 MST 7 p.m.	Virtual via Zoom	Prior notification by email
YARC Breakfast	May 20, 2021 Thursday	0800 MST 8 a.m.	BackBurner Restaurant, Prescott Valley	Don WB7TPH or Jeff WB7RFY
Transmitter Hunt	May 9, 2020 Sunday	1300 MST 1 p.m.	OneAZ Credit Union parking lot, Gail Gardner Way & Willow Creek Rd., Prescott	Pete K6VVR or John WB9VGJ
General Meeting Program — See page 3.				
Public Service Communications — See pages 4, 8, and 9.				
Amateur Radio License Testing — See page 5.				

YARC:	Badges	Patches	Shirts
Features:	Name & Call	Club Name & Logo	With or Without Name & Call
Contact Person(s):	Sam Prather K7SCP	Sam Prather K7SCP	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 members 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 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
2M 70cm	FM	146.880 MHz 447.650 MHz	- 100.0 Hz	Wednesday	1900 MST
2M	SSB (USB)	144.250 MHz	N/A	Wednesday	2000 MST
6M	FM	52.560 MHz	- 100.0 Hz	Friday	1900 MST
10M	SSB (USB)	28.444 MHz +/- QRM	N/A	Thursday	2000 MST
70cm	FM	447.650 MHz	-100.0 Hz	Saturday	0900 MST

Yavapai County ARES/RACES Nets					
2M	FM	147.260 MHz	+103.5 Hz	Monday	1830 MST
2M	FM	145.290 MHz	-127.3 Hz	Monday	1900 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.



**CORONAVIRUS
COVID-19**



From the President's Desk
by John Snedden, KT7P

Thank you to Carolyn KA7LKW for arranging an outdoor adventure at the Highland Center on Friday April 16. It was good to see such a big turnout and lots of new faces and call signs. The presentation by Eric from Jay's Bird Barn was both entertaining and informative. Our 1300 Net was done from the parking lot by Richard K5RTL from his mobile station and hopefully we will have more such operation in the future.

Providing radio communication for public events continues to be a core mission of our club. We are blessed with both flexibility and resourcefulness. On Saturday April 17, performed that mission in the face of unforeseen difficulty. A day and a half before the event we were advised that the MARC would not be available to use as the command post for the Whiskey Basin Trail Run. Don N7PLL had been planning this event basically since last year when it was canceled due to the pandemic. Bob KC8BOB offered his trailer. A game plan was devised and needed equipment was gathered. The command post operated for the 18 hour event that ran around the entire Prescott Circle Trail of 56 miles from 0500 to 2100 MST. No one got lost; no one was left behind; there were no major injuries; event staff was kept informed of requests from the aid stations; and the 28 volunteers from YARC, VVARA, and Yavapai County ARES/RACES did an outstanding job in the dark, the light, the wind, and the rain.

Thanks to all 28 amateur radio operator volunteers. And a special thanks to Don N7PLL, Rob KG7LMI, and Frank K8FB who used all of their experience, skill, and ingenuity to ensure successful completion of our mission.

More events are coming. Field Day 2021 is just around the corner. In person meetings and radio classes are just around the corner. Indeed, the May Flowers are also coming. Please take the time to enjoy them.

Stay safe and healthy, and be "Radio Active"!

General Meeting Program — May 6, 2021, 1900 MST / 7 p.m.
by Mike Reid, WU7V

"What do you know about Software Defined Radios (SDRs)?"

Software Defined Radios are everywhere. What do you know about them? Some cost \$20, and others cost \$6,000. The military spent millions of dollars on SDR technology. Join the Zoom meeting, and find out about the radios and the technology.

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

Mentor Buddies (Revised: April 7, 2021)

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 Warzeha	KØFC	jerry.warzeha@hotmail.com	612.205.3810
Bill Noe	WG7W	wg7w@arrl.net	928.710.6925
Mike Belanger	W1DGL	fix_broke_airplanes@hotmail.com	928.420.0498
Ron Purcell	KI7EVK	728rwp@gmail.com	707.849.7099
Jack Szelka	A1K	radioaik@gmail.com	401.580.0330
Mike Reid	WU7V	mdr126@gmail.com	480.250.6093
Sandy Meadowcroft	KF4JHC	sandymeado2@yahoo.com	928.660.8323

Supporting ARES/RACES

by John Snedden, KT7P

With the pandemic and fires this year, ARES/RACES put in numerous hours assisting the Yavapai County EOC. Although our community events were eliminated this year, ARES/RACES continued with monthly training sessions and the upgrading of the gateways and digipeaters to a faster and exceptionally reliable system.

YARC members can assist ARES/RACES by donating to the non-profit organization, FOYCAR (Friends of Yavapai County ARES/RACES). The easiest and least painful way is via the Amazon Smile Program:

When you shop at Amazon, instead of going to amazon.com, go to <https://smile.amazon.com/>. On your first visit to smile.amazon.com, you will be asked to select a charity – search on a key words like “ARES RACES” or “Yavapai” and select the “Friends of Yavapai County ARES RACES, Inc.” Amazon will donate 0.5% of all your eligible purchases to FOYCAR without changing the price you pay. You can find out all the details at https://smile.amazon.com/gp/chpf/about/ref=smi_se_rspo_laas_aas.

2021 YARC Public Service Events

Our next public service event is the Yarnell Memorial Run on June 5. Contact Doug Jarmuth NØDAJ at n0daj1950@gmail.com if interested in participating.

The Prescott Rodeo is June 28 through July 4. We will also be providing communications for the Prescott Rodeo Parade on July 3. Contact Frank Bender K8FB at fhb47@hotmail.com to sign up for the rodeo parade or go to the “Club Events” menu on the club website to see how you can volunteer to assist with rodeo events or with the rodeo parade.

Public service events are a great way to improve your operating skills and work the kinks out of your mobile or portable rig. This is a great opportunity for new and inexperienced hams as we will team you up with an experienced operator. You can participate even if you only have a VHF hand held transceiver. Come out and enjoy the beautiful outdoor venues that are offered with these events and give back to your community. Go to <https://www.w7yrc.org/public-service-events/> or more details.

Volunteer Examiner Amateur Radio License Testing
by Don Bauer, WB7TPH

On April 3, 2021, your Volunteer Examiner team was back in our home base, the Jeep Posse building. We continue to test in phases so as to limit the number of people in the room at any time and have sufficient room between candidates to be safe and comfortable.

This time we tested a total of 19 candidates and, happily, everyone passed the tests taken. Final results were: 9 new Technicians, 6 Generals (including 2 who had no prior license), and 4 Extras.

Congratulations to all our new and upgraded licensees. Our next test is scheduled for June 5, 2021.

Here is the schedule of test sessions for the next several months:

Date:	Location:	Contact:	Walk-ins:
June 5, 9 a.m.	Jeep Posse* Bldg., 1200 Commerce Dr.	Don 928.775.4690	No
Note: * Location and date may change due to COVID-19 conditions.			





April 2021 Foxhunt
by John Brough1on, WB9VGJ

The April foxhunt was held Sunday April 11, 2021. It was a week after the first Sunday after the club meeting, due to the first Sunday being Easter. Pete K6VVR, Gary K6JXM, and Jerry KF7FPD were the foxes.

- There were two teams for this hunt:
 1) Jeff WB7RFY, Keith KJ7GFX, John WB9VGJ, and Levi KJ7WRS; and
 2) Robert WA6FBA, Jim WØHJ, and Hank W6HTW.

The results of the hunt were:

Finish	Team	Time
1	2	19 min.
2	1	50 min.

Even though there were only two teams for the hunt, there were three first-time hunters who participated: KJ7WRS, WØHJ, and W6HTW. KJ7WRS is a new ham. All three had a good time and plan on participating in future hunts.

The foxes hid the transmitters at the end of Rocking Horse, a short street branching off of the intersection of Kingsbury and Windy Walk Lane south of Iron Springs Road. The location was not far from N7CW's house and we had a great view of his tower and antennas from the site.

WA6FBA's Doppler setup did its job on this hunt, enabling his team to quickly locate the transmitter. That being said, we had been close to it, but instead of heading down the road that led to it, we spent some time searching farther west on Iron Springs Road. It was a beautiful day to be on a foxhunt and it was great to welcome the three new hunters. Everyone enjoyed themselves.

You can see pictures I took. Copy this link and paste it into your browser:

tinyurl.com/YARCfoxhuntApril2021

Due to coronavirus concerns, we did not go anywhere 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.

Transmitter Hunt Schedule, 2021

The T-Hunt meets at 1300 MST (1 p.m.) at parking lot of the OneAZ Credit Union, Gail Gardner Way and Willow Creek Road in Prescott, Arizona.

Month	Date	Day of the Week
May	9	Sunday
June	5	Saturday
July	11	Sunday
August	8	Sunday
September	4	Saturday
October	10	Sunday
November	7	Sunday
December	4	Saturday





Loss of ARES/RACES MARC Use

by Frank Bender, K8FB

Bud Semon N7CW, ARES District Emergency Coordinator for Yavapai County, was recently informed by the Yavapai County Office of Emergency Management (OEM) that use of the Mobile Amateur Radio Communications (MARC) vehicle to support public service events would no longer be permitted, effectively immediately. The MARC vehicle had been used for a number of years as the platform for net control operations for most YARC public service events. The MARC has great HF, VHF, and UHF communications and APRS tracking capabilities. YARC will be evaluating how to best support public service event net control operations going forward. In addition, ARES/RACES will investigate the possibility of regaining the use of the MARC for public service events. Our club greatly appreciates the past generosity of the OEM and ARES/RACES in providing us with use of the MARC, as well as providing trained net control operators for our public service events.

To replace the MARC for the Whiskey Basin Trail Runs on April 17, YARC member Bob Thompson KC8BOB loaned YARC the use of his travel trailer to support this event. YARC greatly appreciates and thanks Bob for his generosity.





Whiskey Basin Trail Runs — April 17, 2021
by Don Sears, N7PLL — WBTR Radio Volunteer Coordinator

The Whiskey Basin Trail Runs are a group of foot races using Prescott area trails. Hams from YARC, VVARA, and Yavapai County ARES/RACES provided radio communication for the 92K and 60K races. This was our first public service event in over a year because of the COVID-19 pandemic. We had 28 volunteers working 8 locations from 0300 until 2000 MST. We had no major incidents and good outdoor weather.

Thanks to Bob KC8BOB for use of his trailer; Rob KG7LMI for gathering gear; John KT7P for assembling the Net Control Station command center; the 28 ham volunteers; and Gary K9SG, Chris K7GTZ, and Bill KE7IXS in the lower photo.

Elmers Install an Antenna — March 20, 2021

Art Protas KG6AY (wearing white face mask) and his Elmer crew of helpers installed an antenna at the home of Matt Hinton KD1DOC on March 20, 2021. (Photos courtesy of Dan Cox W7NWO)





Antenna Installation Activity by Elmers, March-April 2021

by Frank Bender, K8FB

- 1) The Elmer Group installed a VHF/UHF vertical on the home of Rob Anderson KJ7UHC in Groom Creek. John Snedden KT7P and Rob assembled the antenna. Also assisting with the installation were Jim Zimmerman N6KZ and Frank Bender K8FB.
- 2) The above photo shows John Snedden KT7P, Jim Zimmerman N6KZ, and Art Protas KG6AY installing a 20 through 6 Meter hex beam antenna on the home of Ron Ross K6CWB. The antenna was assembled by Pete Morrison K6VVR. The Elmer Group also installed a VHF/UHF vertical for Ron. Also assisting with the installations were Pete Morrison K6VVR, Dave Erlach N5MB, Dan Cox W7NWO, and Frank Bender K8FB.



Breakfast and Lunch Gatherings

There are a number of lunch and breakfast 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. 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 at the **Golden Corral** Restaurant in Frontier Village in Prescott, off Highway 69. You do not have to be a QCWA member to attend.

Every Wednesday – **Breakfast** at 0700 MST at the **Manzanita Grill** at the Antelope Hills Golf Course, near the Prescott airport.

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Club Officers, 2021

Officer	Name	Call Sign	Email Address
President	John Snedden	KT7P	president@w7yrc.org
Vice President	Mike Reid	WU7V	wu7v@arrl.net
Treasurer	Sam Prather	K7SCP	treasurer@w7yrc.org
Secretary	Tim Norton	K7PVY	secretary@w7yrc.org
Director	John Laing	K7PRS	k7prsextra@cmail.com
Director	Dave Erlach	N5MB	n5mb@w7yrc.org
Director	Ray Kolman	KI7COM	spudzman@gmail.com
Director	Mike Schnell	NC7X	nc7x@w7yrc.org
Editor Emeritus	Joseph Oliver	AC6AA	joliver@cablone.net
Editor	Loren Singh	AE7CG	ae7cg@arrl.net
Webmaster	Randy Dashiell	W6TYV	webmaster@w7yrc.org

Yavapai Amateur Radio Club — W7YRC Club Station Access List — Effective January 1, 2021

Permanent Station Access (defined by YARC role) —

Name:	Call:	Lic. Class	Notes:	Telephone:
John Snedden	KT7P	E	YARC President	909.844.5108 – Do not contact for access
Frank Bender	K8FB	E	Station Manager	928.379.5575 – 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 EC	623.252.3980 - Do not contact for access
Jo Schultheiss	KF7WOT	G	ARES/RACES EC	928.925.0956 - 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 —

Mike Belanger	W1DGL	E	Rotating Member	928.771.2565 - OK to contact for access
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.