



YAVAPAI SIGNAL



The Yavapai Amateur Radio Club • Prescott, Arizona • DM-34 • Volume 25 – No. 8 • August 2010

From the President's Desk...



Hello again:

It's hard to believe it is almost August, it seems like it was New Years last week. Yes, time flies when you're having fun, like at the Williams Hamfest. We met and

made some new friends, and met with a lot of existing friends we had not seen in a long time. We talk to them on the air from time to time, but it is very nice talking to them face to face. Like many others, I came away with many treasures I couldn't live without.

August, is the starting of our club's very busy season. We have something scheduled for almost every weekend. So get your batteries charged, and gather your other equipment to help one or all of the scheduled functions. With the help of Amateur Radio, these events run smoothly, and it is very gratifying to know you were a vital part of making them successful.

The YARC Net meets every Wednesday evening at 1900 hrs (7:00 pm) all are welcome, so please plan to join in on the festivities. If you have never had the opportunity to be net control, and feel the exuberance of total power, you should try it. There are several members both able and willing to assist you by setting with you while you run the net.

This hands on training is very beneficial, if the need arises, to act as coordinator during a real emergency -- think about it.

T-Hunts normally are on the Sunday following our meeting, at 1:00 pm in the parking lot of the Arizona Credit Union, next to Walgreens, at Gail Gardner Way, and Willow Creek Rd. The momentum and enthusiasm is growing; come and join in on the fun. Bring any equip-

ment you have for T-Hunting and we can not only check it out, but we can show you how it works. You can ride with other hunters as an observer, until you have enough confidence to try it yourself. When the T-Hunt is over, we get together for some refreshments at a local café. This is one of the best phases of Ham Radio.

Respectfully:

Pete K6VVR

August Program

John Markham, Vice President Engineering Services, at Wulfsberg Electronic Division - Cobham, Prescott, AZ, has developed a unique Morse Code application that he will present to our club. He feels there are some areas of improvement that our group can help with.



John may also discuss some of the products and the expansion at Cobham (a.k.a. Wulfsberg) and the radios they are designing.

Inside This Issue ...

- Meeting Minutes.....Page 2 & 3*
- Upcoming Events.....Page 3*
- Treasurer's Report.....Page 4*
- Special Event Communications.....Page 5*
- Field Day/Picnic at Willow Lake.....Page 6*
- Field Day/Picnic Pictures.....Page 6 & 7*
- N6KZ Antenna Work.....Page 8*
- Williams Hamfest.....Page 8*
- July 2010 T-Hunt.....Page 9*
- Membership Count.....Page 9*
- Adventures of Fredleebud Field Day....Page 10 & 11*

Welcome to the Yavapai Amateur Radio Club

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

Membership in the YARC is open to any interested amateur or non-amateur alike. Dues are \$20.00/year (Full-time students \$15). The YARC meets at 7:00 p.m. local time on the first Thursday of every month in the Technology Room 404, at the Granite Mountain Middle School, 1800 Williamson Valley Road in Prescott. It is about ½ mile north of Iron Springs road, and all amateurs and non-amateurs as well are invited. Programs of interest are included as part of the meeting.

The weekly Net is held every Wednesday at 7:00 p.m. local time on 146.880- repeater. All amateurs are invited to participate, and visitors are always welcome.

The Yavapai County ARES/RACES Net is held on Monday nights approximately at 7:00 p.m. local time on the 145.290- repeater on Mingus Mountain. A PL of 127.3 is required.

Club Repeater

The YARC 146.880- repeater is located on the hill above Willow Creek road and requires a PL of 100.0 Hz. Our deepest gratitude to Bill Kafka, W2YAV for allowing us to acquire the original club repeater.

Minutes of July 1, 2010 Board Meeting



Meeting was called to order at 1821 hrs. by the President, K6VVR. Also in attendance:

AB7NK, KB7TRE, KF6SPS, KE7DTR, WB7UZV, AD7RL and AD7WW.

Discussed Field Day, "Tremendous success." Many members, family and visitors attended, including the mayors of Prescott and Prescott Valley, and the county Emergency Coordinator.

Special thanks to KA7JAS, K7POF and Bob Bodine for equipment, and AB7NK for providing fresh eggs for breakfast.

Board to recommend that Ken West's membership will be extended, and his 1 year membership will start after his convalescence.

Dan Nichols is now in RM 302 at YRMC-W.

Arrangements are being made for YARC to set up a station to celebrate AZ Centennial

New net pre-amble will be posted on website.

A suggestion box was discussed.

On motion of WB7UZV, second by KB7TRE & no dissenting, meeting was adjourned at 1850 hrs.

Respectfully submitted,

George Imburgia, AD7RL

YARC Secretary

Minutes of July 1, 2010 General Meeting

Meeting was called to order at 1900 hrs. Following the Pledge of Allegiance, introductions were made.

Attendance: 74 of whom 53 signed in.

New members KD7CCU, KF7CYF AND KF7KPB welcomed unanimously.

Minutes of the June meeting were approved as published, on motion of KB7TRE, second of KD7VBG, & no dissenting.

Treasurer's report offered by AB7NK.

COMMITTEE REPORTS:

Patches & Decals: AB7NK reports patches and decals available.

AZWAC: Certificates are available from AB7NK for anyone who works all 15 counties in AZ.

ARES/RACES: WA6ZZJ reports: Officially requested by the Tour de PV to provide communications for the event on Sept. 25th.

Field Day: WA6ZZJ reported 130 CW, 162 SSB, and 6 Digital contacts contributed to a very successful field day.

Newsletter: AC6AA invites members to submit articles for the Yavapai Signal.

Classes/IRLP: W7JLC reports the Glassford Hill repeater has been down; future status TBD. May move IRLP to YARC repeater. Classes will resume in the fall. An Extra class may be held, and changes are being made to reflect the new question pools.

Shirts: W6CCD has supply of club shirts available at \$19.00. w6ccd@arrl.net

Badges: WB6ODR is accepting orders at \$ 6.75 for the custom engraved YARC badges. lrsmith@cableone.net

Repeater: WB6ODR renewed license for W7YRC.

Refreshments: K6UWV reports coffee, soft drinks, bottled water and cookies are available.

Elmer: WB7UZV invites new hams to contact him or KA7JAS or AD7WW with any questions. K7POF rebuilt HF beam used for field day.

School Clubs: WB7TRE reports school clubs are recessed for the summer. Michael Martinez is doing well, in good spirits, and receiving remarkable treatment at Walter Reed, including 18 surgeries and prosthetics.

BMMS returns Aug. 9; antennas currently down for monsoon season.

Nets: KI6AHH reports that the Young Hams net is doing well on Sunday nights on the 147.220 repeater.

Slow Code 146.88- 100 Hz PI, Sunday about 7:30pm, WB7UZV thanked YARC for the user of the repeater. Training materials are available from Jim.

Club Net 146.88- 100 Hz PI Wed. 7 pm is accepting net control positions. Experienced control operators will provide assistance and a station for first time operators. Contact WB7UZV or AD7RL.

Fox-Hunt: July's hunt will be on the 11th, start time 1:00 pm, Arizona Credit Union parking lot adjacent to Walgreen's at Willow Creek and Gail Gardner intersection. In August, the hunt returns to the Sunday following the club meeting.

Food Bank: KB7TRE is accepting donations for the Yavapai Food Bank. Please keep bringing in food.

OLD BUSINESS

No old business.

NEW BUSINESS

A secure suggestion box will be present at future meetings.

KB7TRE moved to adjourn, seconded by KE7DTR, approved 1938hrs.

50/50 winnings of \$56 claimed by K7CJW.

Respectfully submitted,
George Imburgia, AD7RL
YARC Secretary

Upcoming Events

- **September 11, 2010** - March of Dimes for Babies.
- **September 17, 18 & 19, 2010** - ARRL Southwestern Division Amateur Radio Convention.
- **September 19, 2010** - Skull Valley Loop Challenge.
- **September 19, 2010** - Groom Creek 1/2 Marathon, 1K and 2 Mile.
- **September 25, 2010** - Tour de Pee Vee 1/2 Marathon.
- **October 1 & 2, 2010** - Prescott Road Rally.
- **October 16, 2010** - America's Walk for Diabetes.

TECHNOLOGY QUOTES.....

Not everything that can be counted counts, and not everything that counts can be counted.

-Albert Einstein

"I am enough of an artist to draw freely upon my imagination. Imagination is more important than knowledge. Knowledge is limited. Imagination encircles the world." **-Albert Einstein**

Things should be made as simple as possible, but not any simpler.

-Albert Einstein

Put your hand on a hot stove for a minute, and it seems like an hour. Sit with a pretty girl for an hour, and it seems like a minute. That's Relativity.
- Albert Einstein

Man is the lowest-cost, 150-pound, nonlinear, all-purpose computer system which can be mass-produced by unskilled labor.

-NASA in 1965

Yavapai Amateur Radio Club July 2010 Treasurer's Summary

By Mary Vince, AB7NK

INCOME

6-3-10 thru 7-9-10 renewals *on file & available upon request*					520.00
7/1/10	KF7CYF	Ryan Lowry	N/F	1181	00.00
7/1/10	KF7KPB	Dan Simpson	N	1091	20.00
7/1/10	KD7CCU	Allan Samaels	N	cash	20.00
7/6/10	K7NGK	Donald Broadston	N	cash	20.00
7/1/10	KF7GGS	Shirt		cash	19.00
7/1/10	KF7GGS	repeater fund		cash	1.00
7/1/10	K6UWV	patches		cash	6.00
7/1/10		Fifty-fifty			111.00
7/1/10	KE7JEQ	repeater fund		4018	20.00
7/1/10	KE7JEQ & KE7JGM	ARRL	R/F	4018	<u>47.00</u>
Total					784.00

EXPENSES

7/1/10	WB6ODR	Bob Smith	W7YRC renewal	1147	13.40
7/1/10	K6UWV	David Passell	Refreshments	1148	30.57
7/1/10	AC6AA	Joe Oliver	Stamps	1149	44.00
7/1/10		Allegra	Newsletters	1150	33.79
7/1/10	K7CJW	Bob Tillman	50/50	cash	56.00
7/5/10		ARRL	KE7JEQ & KE7JGM	1151	45.00
7/8/10	K7VVR	Pete Morrison	Field Day Refreshments	1001	<u>477.40</u>
Total					700.16

Beginning Balance	\$4,419.37	Beginning Repeater Fund	\$ 979.92
Income	784.00	July 2010 Repeater Fund	<u>79.00</u>
Expenses	<u><700.16></u>	Repeater Fund balance	\$1,058.92
Ending General Fund Balance	\$4,503.21		

2010 ARRL Southwestern Division Amateur Radio Convention

September 17, 18, & 19 ...2010

Four Points by Sheraton Hotel, San Diego, CA

<http://www.sandarc.net/>

Convention2010.html

Register Early!

Need Cards Checked for ARRL Operating Awards?



Jim Zimmerman, N6KZ can check your QSL cards for DXCC, WAS, VUCC, WAC, etc.

For information contact Jim at:
(928) 713-0542.

Jim's QTH is at: 778 Grapevine Lane,
Prescott, AZ 86305.



By Lloyd, WA6ZZJ

SPECIAL EVENT COMMUNICATIONS.....

The Special Event Communications fall season is just around the corner. The events will be as follows:

Saturday, September 11, 2010 March of Dimes March for Babies. This event normally uses only about 8 to 10 operators. One with a portable transceiver and mag mount antenna to operate from the March of Dimes van. Operators are in position from 0700 to approximately 1045. The walk starts at 0800. Lunch is usually served at the start/finish line for volunteers and participants at the end of the walk.

Sunday, September 19, 2010 The Skull Valley Loop Challenge. This year the Loop Challenge route will be just one 54 mile loop from Prescott out Iron Springs Road through Skull Valley, Kirkland, Wilhoit and back to Prescott. On this event 10 operators will be sufficient for the operation. There will be two rest stops and net control along with possibly one or two mobile units. At this time the start is scheduled for 0730 so units should be in place starting at that time. This is first time for just the 54 mile loop so the finish time is an unknown.

Sunday, September 19, 2010 The Groom Creek 1/2 Marathon, 10K and 2 mile Last year was the first time the 1/2 Marathon was added to this event. Eleven operators staffing 6 locations and two quad mobile units were used to cover the route. Operators are in place by 0700 with the first race starting at 0730. This event usually wraps up around 0930 to 1000. Patti, KD7VBG, will be in charge of this operation again this year.

With the two Sunday, September 19, 2010 events on the same day it will mean 20 +/- operators will be needed.

Saturday, September 25, 2010 The Tour de Pee Vee 1/2 Marathon If this event follows the same pattern as last year there will be at least 12 operators needed to staff 8 different locations. Stations will need to be in place starting at 0630 with the 1/2 Marathon starting at 0700. The operation wrapped up at 1030 last year so the time frame should be about the same this year.

There will be sign up sheets for the September events at the August and September YARC meetings. Check your calendars and plan to participate in these events.

Other upcoming events are:

- Friday, October 1, 2010 The Prescott Road Rally
- Saturday, October 2, 2010 The Prescott Road Rally.
- Saturday, October 16, 2010 The America's Walk for Diabetes

Participation in public service events provides an opportunity to practice communications skills that would be used during an emergency and to test equipment and techniques. Remember, your job is communications. We help the event personnel only if it will not interfere with our ability to provide the communication. You may miss an important call if you're out directing traffic or handing out water cups. The only directing of traffic we may do is to point runners/walkers/bicyclists in the right direction on the route. Vehicle traffic directing is best left to law enforcement....

A Few Good Operating Practices...

- o Aim to project a professional image with proper operating practices, whether you're a net control or a field unit.
- o Keep traffic to a minimum. Say what you have to say then release the frequency. *Silence is Golden* -- it allows someone else to use the channel when he or she needs it.
- o **Think before you speak.** Know what you're going to say before you call Net Control. Always wait a second after you push the mike button before you talk. This will avoid clipping the first word or syllable of your message.
- o **Remember your ABCs:**
Accuracy Brevity Clarity
- o If you must move off your assigned frequency for some reason, advise Net Control when you leave and again when you return.
- o When your assignment is completed and you are ready to leave your position, "check out" with Net Control. This insures we can account for all our people. ■

YARC Field Day/Picnic at Heritage Park (Willow Lake) Ramada - June 2010

By Lloyd Halgunseth, WA6ZZJ

Field Day 2010 was a success. We might not have run up a huge score, but I look at it as having a good time and exercising emergency communications. The ARRL touts this as not being a contest, but most of the participants are out to run up as high a score as possible.

There was a great group that came out on Saturday morning to help with set up. There were around 15 members that arrived at 8:30 in the morning. The first to go up was the tower, anchored by Terry's (KB7TRE) motor home, with the beam antenna for 10, 15, 20 and 40 meters. Watching the beam and tower go up is watching teamwork in action. The operation then turned to the long wire antenna used for the 40 and 80 meter station set up in the Ramada which was used mainly to operate CW. Everything was set up and operational to start operating at 11:00 a.m. or 1800 UTC.

While the set up crew was installing antennas and equipment, the picnic cooking crew came in to get things ready for the annual club picnic. The attendees filled the Ramada picnic tables between 11:00 and 1:00 o'clock.

Mayor Harvey Skoog from Prescott Valley and Mayor Marlin Kuykendall from Prescott visited the site on Saturday and enjoyed lunch with the group. They both thanked us for inviting them and said they appreciate the work that amateurs do in their communities. They were both given information packets filling them in on Amateur Radio and emergency communications.

Yavapai County Emergency Management Coordinator, Nick Angiolillo, visited the site Sunday morning due to being out of town on Saturday.

We ended up with 130 CW QSO's thanks to Jim & Jim... N6KZ and WB7UZV who worked into the wee hours of Sunday morning tapping out the CW on 40 meters making most of the contacts there. I know there were others operating on CW, but I was not at that location at all times. Even though there were only about a dozen operators that took turns on SSB on 20, 15 and 40 meters we managed many contacts and also operated some digital on PSK31 and RTTY.

Propagation on the bands seemed to be good. 20 and 15 meters held up good in the afternoon into evening when 15 meters just 'disappeared'... 20 meters stayed good for a long time and 40 meter phone was good through the night. The digital communications operation was split between 20 and 40 meters.

The teardown crew started arriving early Sunday morning to be there in time for KB7TRE's annual breakfast. As usual it was a very good hearty meal with lots of eggs, sausage and tortillas to be enjoyed by all. Well worth getting up early for.....

At 11:00 a.m. the transmitters were silenced, the generator shut down and the teardown crew began disassembling all they had put together Saturday morning. Everything was wrapped up shortly after noon.

Thanks to all who helped set up and teardown as well as the people who setup the picnic lunch to feed us all. The operation would not go as smooth without all of your help. Thanks also to all who operated during the event. I hope you enjoyed it as much as I did. A special thanks to Neil, KA7JAS, for furnishing the tower, beam antenna, long wire antenna and bringing the 40/80 meter equipment setup. Special thanks also to Patti, KD7VBG, for her help as Field Day co-chairperson in putting together all that goes into planning an event like this.

Lloyd WA6ZZJ



Beam Antenna for 10, 15, 20 and 40 Meters

For additional pictures go to John Broughton's Webshots site at <http://tinyurl.com/28hsfsa>



Tower Raising Crew



Station No. 1 in MARC Van



Ken, W7MHW and Caitlin, AE7AT in the MARC



Station No. 2 - Loren, AE7CG and Creighton, AD7YR



Grill Masters - Terry, KB7TRE and Will, AD7WW



Plenty of Food for Everyone

N6KZ Antenna Work

By Jim Zimmerman, N6KZ



This Prescott antenna party took down my Cushcraft Model D3W WARC band rotatable dipole (originally put up last year by KA7JAS) and replaced it with a Cushcraft Model A-505, 5-element, 6 meter yagi on my 55-ft tall, Telex LM-354HD crank-up tower. The Cushcraft WARC rotatable dipole was made unnecessary by my recently completed 43-ft tall, ground-mounted 10-40 meter freestanding vertical (with its associated 2100-ft of buried ground radials). The Cushcraft 6 meter beam was donated by Rich, W7RCS, who replaced it with a larger 6-meter yagi. On the air results on 6 meters have been quite satisfying with no performance loss from the lower Hy-Gain TH-7 yagi on 10/15/20 meters.

The first picture shows Bud, N7CW, on the lowered crank-up tower, using a removeable step fixture, to reach my WARC rotatable dipole for removal. In that same picture, at the bottom

of the tower, Rich, W7RCS, waits with the replacement antenna, a 5-element, 6 meter yagi.

The second picture shows Rich, W7RCS, standing next to the Cushcraft Model A-505, 5-element, 6 meter yagi. This yagi has a 12-ft long boom and sports a 10.5 dBd forward gain."



73,
Jim Zimmerman, N6KZ

Williams Hamfest July 17, 2010



Apparently, there was a lot of rain on Friday, still a lot of vendors and visitors attended the Hamfest on Saturday. Everyone seemed to be enjoying the event. There were several talks given on various subjects inside the main building.

The ANSR-57 High Altitude Balloon was launched in the AM on Saturday at the Hamfest Grounds. ■

Picture taken by Ken Severance , WA6AQK, with Bob Tilman, K7CJW, in Foreground at Williams Hamfest , Saturday , 17th.

July 2010 T-Hunt



Winner of the July T-Hunt was the team of Jack, W7JLC, Dave, WN7L, and Jerry, KF7PFD. They traveled 4.1 miles and it took them 61 minutes to locate the hidden transmitter. WN7L will hide the transmitter for the August T-Hunt.

The picture on the left is one of several you can view on John Broughton's Webshot site at: <http://tinyurl.com/2cwkrar>

Shown left to right is Jim, WB7UZV, Jeff, WB7RFY, Pete, K6VVR, Jack, W7JLC, Dave, WN7L, and Jerry, KF7PFD. ■

Membership Count:

1st Thurs. in June.....194*
Gain/Loss.....-10
1st Thurs. in July184 **

* Includes 7, 3-Month Memberships
** Membership Roster updated.



Need a Hand?



If you need assistance, we want to help you. If you are just starting out in ham radio, or simply have run across something that you could use a hand with... technical assistance or answers to questions about the Yavapai Amateur Radio Club, are available from knowledgeable club members.

Don't Hesitate to Ask for Help!!

Call: **Neil Vince**, KA7JAS at: (928) 775-2158

Jim Ball , WB7UZV (928) 445-2997

Will Taylor, AD7WW (928) 445-1717

YARC Officers for 2010

President

Pete Morrison, K6VVR
pm_service@earthlink.net

Vice President

Jim Ball, WB7UZV

Secretary

George Imburgia
ad7rl@netsecs.us

Treasurer

Mary Vince, AB7NK
ab7nk@ARRL.net

Board of Directors (includes Club Officers)

Terry Pemberton -- KB7TRE

Will Taylor -- AD7WW

Richard Bozeat -- KE7DTR

Walter Schumann -- KF6SPS

Newsletter Editor: Joe Oliver, AC6AA

joliver@cableone.net

Arizona Worked All Counties

Have you checked your logs lately?

If you've worked all fifteen Arizona

counties, email az-wac@w7yrc.org

for an application and rules.



The Adventures of Fredleebud Field Day 2010

By Lee Cunningham, K7CBK

In the Iliad and the Odyssey, Homer always opens the day with the Greek idiom “rosy fingered dawn”. June 26th opened with the Sun’s light reflecting off the string of clouds over Mingus Mountain just like Homer described. We met at the East end of the Wal-Mart Shopping Center about seven o’clock to discuss what roads to take to our destination, Hutch Mountain. That done, we headed East toward the rising Sun. After making several changes in direction and several hours of travel we arrived at the dirt road that would take us to our destination. The road took us past several camp sites loaded with people and motorized vehicles. Around the last bend, past the microwave tower we found ourselves in a clearing ringed with tall pine trees.

The first order of business was to erect the antenna, a 135 foot Dipole. A slingshot equipped with a reel and monofilament line will do the trick. A few test shots or misses, depending on your point of view, followed before the first line found its way over a limb. We hastily tied the filament to the support line and pulled the end through the tree. Off to the other direction to find a tree to support the other end of the antenna. One shot sent the fishing weight over the limb but well short of the ground. After pulling more line from the reel the weight slowly fell to the ground. We again attached the monofilament line to support line and slowly pulled the rope over the branch. But wait; before the end reached the ground the monofilament broke, leaving the rope hanging in the wind. Fortunately a long pole was available. After several swipes, the line was caught and pulled to the ground. The Dipole was rolled out on the ground. The support lines attached and the antenna hoisted into the air.



Our Campsite with our Operating Room.



The Lookout Tower on Hutch Mountain

Once the Dipole was in the air, the location of the operating room was established. The Easy-Up canopy is not so easy to set up. With the carrying bag off, we pulled the corners to elevate the canopy. The slides on the corners move slowly upward and require some effort to stretch the material. The final snap confirms the canopy is secure. A pull on each leg extends the leg to its correct height. We place the table, chairs and radio equipment under the canopy. Now we can put up the side curtains. Believe me this was the hard part. If you’ve ever worked with Velcro you know it will sick to where it shouldn’t. After a struggle all four sides were up.

The radio equipment, an Elecraft K3 HF radio, an MFJ roller inductor tuner and an Absorbed Glass Mat deep cycle battery, were connected and tested. The Dipole tuned up very nicely. A 6M beam was assembled and mounted on a twenty foot mast. The base of the mast was supported by using an under-tire mast support. A Samsung netbook with N1MM logging software was used to log the contacts. We

first started with CW on the 6 M band. The N1MM software had pre-recorded CW CQ and exchange information. So all that was necessary was to listen and push a button to identify our station at the appropriate time, log the call, push a button to send

the exchange and push a button again to sign off. All pre-recorded exchanges.

While that was going on, the Packet station was being set up and tested. A Packet message was sent via Winlink to identify our position with a green balloon on the User Position Map and identify it as an Arizona Field Day participant. We didn't see very many stations identified as operating for Field Day. We then turned to the digital software program, Air Mail, to send some messages to collect more points. Problem! We could connect to W7LUX-10's station but could not get the program to transfer the messages. We tried several different things including making some changes in the software but no dice. After we got home we found that the short piece of coax cable between the antenna and the transceiver had an intermittent short.

Back to the 20 meter band. We tried to record the same information for phone as we did with CW, CQ and exchange information. No joy. So we had to make our contacts the old fashion way, by speaking. A trick to getting more points is not to go looking for the contacts by tuning the dial but let the contacts come to you. Find a quiet spot on the dial and call "CQ Field Day". You'll have more contacts than you know what to do with. The catch is that you'll have a pileup and that's where you have to listen and hear the call signs. With this technique you can pick up three of four contacts per minute. The contacts were coming from the East coast, West coast and in between. California, Wisconsin, Washington state, Virginia, Minnesota, Texas, and that's just a small sample of the contacts we made.

We all took turns making contacts until near sun down. Then the pots, pans and the spirits came out. We couldn't have a camp fire due the forest restriction that went into effect the Wednesday before. But with our one burner stove we each made our own dinners and enjoyed the bottle of spirits being passed around. This is the best time of the day when we sit around and tell stories about ourselves. Good and bad!

The wind was still blowing that night so we all retreated to our tents and vehicles to pass the night in slumber. Well



Microwave Tower -- taken from the Lookout Tower Steps looking North toward our camp site just in front of the microwave tower.

some of us did sleep well but others snore and kept the animals awake all night. There was a full moon that night and light shone through the canopy like day light.

Up at dawn to make a few more contacts. We tried to make a few contacts on 2 meters but it seems no one was working the 146.52 MHz frequency. We could hear the NM5ML mega-link repeater system in New Mexico, but we were unable to determine the correct PL frequency to make the connection on 147.220 MHz frequency. 40 meters was open for a while but we only got three contacts. We could hear, but not many could hear us. 20 meters was where the action was. 164 contacts on CW and 173 on phone. 21 CW contacts on 15 meters and 10 on phone. With a sprinkle of phone contacts on 6 meters (15). A total of 386 contacts for the twenty-four hour period.

Before collapsing the canopy and collecting all the gear, we went for a walk to the lookout tower that is on Hutch Mountain. While the tower is closed to the public, the other facilities, bathroom and water, are available. The view of the valley from the stairs made the trip worthwhile. We collected the gear. Removed the curtains. Collapsed the canopy. Loaded all the gear in our vehicles and headed for home. The best suggestion for next year is test all your gear, radio equipment, camping gear and check if you have enough fuel for the stove. ■

Weekly Breakfasts



Tues. Morning Breakfast:

7:00 a.m. at
Back Burner Cafe
 8400 E. Long Mesa Drive
 & N. Robert Road
Informal – all are invited.

Wed. Morning Breakfasts:

7:00 a.m. at
Iron Horse Restaurant
 (Hwy 89 in Chino Valley)
 (N 34°43'56.5" W112°27'15.4")*
informal – all are invited

8:00 a.m.
Masonic Lodge
 (1280 Willow Creek Road,
 2nd Floor; above Bank of America)
informal – all are invited

* Location data (per WGS84) provided
 by Fred Zimmermann, N7PJN

Area Repeaters

Fre- quency	PL	Location	Owner/Club	Auto- Patch	Rem. BaseOr Linked	Vo IP	Notes:
52.560-	100.0	Mt. Union	N7NGM			IRLP	Node 3301
145.290-	127.3	Mingus Mtn.	ARES/RACES				
146.780-	91.5	Williams Mtn.	BWARC			IRLP	
146.880-	100.0	Prescott	YARC				
146.980-	162.2	Flagstaff	CARC				
147.000+	162.2	Mingus Mtn	MMRG				
147.140+	162.2	Flagstaff/-Mt. Elden	ARA		Linked to Mt. Ord -		Mt. Ord=147.36
147.220+	162.2	Mingus Mtn	VVARA				
147.260+	103.5	Mt. Union	ARES/RACES				
224.080-	156.7	Mt. Union	WA7JC				
442.150+	100.0	Mingus Mtn	W1OQ/Northlink				
442.350+	100.0	Glassford Hill	N7KPU			IRLP	
448.475-	100.0	Flagstaff-Elden	ARA	Yes			
448.875-	100.0	Flagstaff-Elden	Northlink		Linked		
449.175-	100.0	Towers Mountain	Northlink		Linked		
449.675-	88.50	Prescott Airport	WB7BYV		Linked to P Mtn.		P mtn=927.3875
449.725	110.9	Mingus Mtn	WA7JC				
449.750	91.5	Williams	K7NAZ		Linked to Win-Sys		
927.0875-	151.4	Mingus Mtn	WB7BYV				
927.3875-	151.4	Prescott	WB7BYV	Yes	Yes	Echo	Be Nice

Y.A.R.C. IRLP NODE
Node Number 3182
442.350+ MHz with a
PL Tone of 100.0 Hz

For more Repeater Information & Listings refer to:

- www.w7ara.org/Web/
- www.azrepeaters.net
- www.azfreqcoord.org/listings.htm

YAVAPAI AMATEUR RADIO CLUB

P.O. BOX 11994

PRESCOTT, AZ 86304

Visit us on the web at <http://www.w7yrc.org>

Many thanks to Pete Morrison, K6VVR, our Webmaster

