



RRRC NEWS

MONTHLY PUBLICATION OF THE ROCK RIVER RADIO CLUB



Volume 45 Number 6

www.rrrc.net

JUNE 2024

JUNE 2024 RRRC

Meeting Minutes



The monthly meeting of the Rock River Radio Club was held on **JUNE 6TH, 2024**, using Zoom meetings. by President Peter Frey, AD9DO. The meeting and called it to order at **7:10** pm CST

SECRETARY REPORT Ray Teschke, KD9QLE,
Secretary presented the minutes of the **MAY** meeting as published in the **MAY** Newsletter.
Newsletter.

Motion to approve by: Len Buchda, KB9GDY,
Second by: Cameron Frey, KD9VGV
Motion Carried

TREASURER REPORT Dave DePover K9MKP
Motion to approve by: Dennis Weigel, KC9ICA
Second by: Ray Teschke, KD9QLE
Motion Carried

COMMITTEE REPORTS

ARES/REPEATER: Dale Marks, WB9ADB
Nothing

TRAILER: Len Buchda, KB9GDY
Nothing

REPEATER: Dale Marks, WB9ADB
Nothing

FIELD DAY: Dale Marks, WB9ADB

Need to discuss Potluck in new Business
Fusion/Wires-X Brad Gehrt, KA9JDE
Works good in digital mode. Still working on getting
bugs out of FM mode.

OLD BUSINESS

Insurance—see May newsletter
Antenna Build—tonight after meeting
Fox Hunt—date TBD

NEW BUSINESS

Trailer—needs to be moved to Dodge county Airport
for EAA Fly In Saturday June 8th. Looking for volunteers
to move trailer. Brad Gehrt, KA9JDE suggested if we
can not find anybody to move trailer that the club setup
a table with operational radios instead. Peter Frey,
AD9DO, truck maybe available.

Field Day—A discussion was held concerning the Club
purchasing food and the burden of cost to the Club.
Suggestions were made to have participates bring all
there own food. Brad Gehrt, KA9JDE thought it would
be a good idea if the club purchase the main menu item
and soda to attract future possible members.
Brad Gehrt, KA9JDE offered to donate \$150 towards
the purchase of food.
Peter Frey, AD9DO, said he would pull the trailer for
Field Day.

Seth Smit KE8SLU (of Randolph) attended the meeting.

President

Peter Frey AD9DO 920-344-1378

Vice President

Ryan Klavekoske KB9OWD 920-356-8757

Secretary

Ray Teschke KD9QLE 920-210-9540

Treasurer

Dave DePover K9MKP 920-210-2209

Club Historian

Gary Pedersen KA9BAE 920-386-4666

2024 Officers



Emergency Coordinator

Dale Marks WB9ADB 920-485-4234

Assistant Emergency Coordinator

Ryan Klavekoske KB9OWD 920-356-8757

Repeater Directors

Dale Marks WB9ADB 920-485-4234 (Trustee)

Dave DePover K9MKP 920-210-2209

Keith Lodahl, WJ9L 920-387-4675

Ray Teschke KD9QLE 920-210-9540

Webmaster Lucky Lasanske K9LUK 920-216-4268

MOTION TO ADJOURNED

President Peter Frey, AD9DO heard no further business and requested the meeting be adjourned.

Motion to adjourn by: Cameron Frey, KD9VGV

Second by: Gary Pedersen, KA9BAE

Motion Carried

MEETING ADJOURNED AT 7:50 pm

Respectfully Submitted

Raymond Teschke, KD9QLE

Secretary, Rock River Radio Club.

Visit Our Website!

Check out our RRRC website by clicking this link:
rrrc.net

You will find our RRRC List of Elmers, A list of specialized club members willing to help you with ham radio, whether you are a newbie or an old timer.

FROM BRAD KA9JDE

OMG — a 20 page newsletter! Yes sir!

Our goal is to get the Rock River Radio Club to be the best it can be! We want to make it FUN to be a member!

What does that mean?

- **Having interesting programs at our monthly meetings.**
- **Making Field Day attractive to none hams by being Radio Active (being on the air and getting non-hams on the air).**
- **See article “If We Make It Fun, They Will Come!” on page 5.**
- **What does that mean to you? Let us know your thoughts. Email Peter AD9DO at alphadelta9deltaoscar@gmail.com or Brad KA9JDE at ka9jde@gmail.com**

THE NEXT MONTHLY MEETING OF THE RRRC WILL BE HELD ONLINE TUESDAY, **AUG 6TH** AT 7:00 PM AT MIKE DEJAGER'S (KB9LXP) QTH IN RANDOLPH. IF YOU ARE UNABLE TO COME IN PERSON, JOIN US VIA ZOOM. A LINK TO JOIN WILL BE EMAILED OUT BEFORE THE MEETING.

NOTICE THERE IS NO MEETING ON JULY 2ND



The monthly RRRC breakfast get-together will be on Saturday, **JULY 6TH**, at the Village Garden Restaurant in Juneau. All are welcome, so join us at around 8:00 AM for a pleasant informal

RRRC **JUNE** 2024 MEETING ATTENDANCE

Ray Teschke, KD9QLE, Horicon
Peter Frey, AD9DO, Beaver Dam
Ralph Hasler, N9WBL, Oconomowoc
Ted Neuburg, W9LUQ, Waupun
David DePover, K9MKP, Juneau
Mike DeJager, KB9LXP, Randolph
Gary Pedersen, KA9BAE, Juneau
Jerry Arndt, NO9U, Watertown
Dennis Weigel, KC9ICA, Horicon
Brad Gehrt, KA9JDE, Rush Lake
Dale Marks, WB9ADB, Burnett
Len Buchda, KB9GDY, Randolph
Cameron Frey, KD9VGV, Beaver Dam
Art Schregardus, N9TSC, Randolph
Brad DeJager, Randolph
Seth Smit, KE8SLU, Randolph



FIELD DAY



Join us at Derge County Park June 22-23

3 RRRC Members Attend the Dayton Hamvention

By Brad KA9JDE

RRRC members Peter AD9DO, Cameron KD9VGV and Brad KA9JDE made their very first trip to the Dayton Hamvention, the largest hamfest in the world. This year had a record-breaking attendance of 35,877. Woohoo! Cameron was one of the featured youth presenters and did an AWESOME job. We had a blast! Here is a link to his 9-minute presentation:

<https://vimeo.com/947785160/e32c95f0bc?share=copy>



Cameron KD9VGV was one of the youth presenters at the Dayton Hamvention. He did GREAT!



Cameron KD9VGV, YouTuber Josh KI6NAZ (Ham Radio Crash Course) and Peter AD9DO at the hospitality get-together.



Cameron KD9VGV with YouTubers Jason KC5HWP (Ham Radio 2.0) and Mike K8MRD (Ham Radio Tube)



Cameron KD9VGV met ham radio legend Gordon West WB6NOA, received a certificate and QSL card.



Brad KA9JDE at Contest University with his SOTA Elmer (and 3X SOTA Goat) Brian W7JET and Eve W7EVE.



Peter AD9DO and Cameron KD9VGV attended youth related forums. Brad KA9JDE learned how to grow our club.



Brad KA9JDE with Gary KB9AIT (co-owner of Wolf River Coils)



Brad KA9JDE with Yaesu National Sales Director John Kruk N9UPC whose forum was on C4FM and WIRES-X

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UPDATE FROM CAMERON AND PETER

By Cameron KD9VGV

Hello everyone! I hope everyone is enjoying the small break in rain we have been getting and the few days of warm weather. My dad and I have been going on a few trips lately and have been to a few different places. No matter where we are going though, we always bring a radio! One of the more memorable trips has been Dayton, Ohio for Hamvention 2024.



On May 17-19 you may have noticed me, KD9VGV, my dad, AD9DO, and Brad, KA9JDE, were not on the repeaters at all. This is because we all took our amazing trip to Ohio for the biggest hamfest in the world! My dad and I would have never thought we would ever go, but an amazing opportunity got the ball rolling.

It started when Ed, KG8CX, suggested me to Carole, WB2MGP, for a presentation at the Youth Forum in Hamvention. Carole invited me to do the presentation and I had to say yes. The next months were full of making the presentation, practicing the presentation and anticipation. The time blew by really fast and before I knew it, it was May and we were just days away from taking our trip.

You may have known I was doing a presentation in Ohio due to me presenting my slideshow to the club. If you compare the video that Brad took of me actually doing the presentation to the video of me doing it at the club meeting, you will notice a lot of progress has been made in the time between the two events. It has also really helped me with talking in front of crowds.

The time went by all too fast, and before I knew it, I was heading down to Ohio. The closer we got to Ohio the more active the 2m and 70cm frequencies would be. We talked to a few people heading down to Ohio while they were driving and once we got to Dayton there was a guaranteed chance that you could get someone on 146.520.

Once it was Friday morning it was time for the biggest part of the weekend, Hamvention. I did not have to do my presentation until Saturday so we could do whatever we wanted all day and trust me, it will take all day. We took a look around at the big companies, the activities, and lots of more fun things. Within a few hours I saw my ticket number on a giveaway screen, and I knew I had won. I claimed my prize, a voltmeter and a FM/AM receiver. The rest of the day included meeting some ham YouTubers, making electronics, buying antennas, doing a scavenger hunt and so much more. I was surprised I could pack all of that fun into one day! But I knew the best part was still to come.

I woke up and I was excited for my presentation and the second day of Hamvention. I started off getting my last practice in and shook off the little bit of nervousness. Within a little bit I was up on a stage talking about satellites. The presentation went very well and Brad has a link to the video of me doing my presentation as well as the slides in the newsletter. The rest of the day was a day-long event called the ARRL Youth Rally. There were a lot of different activities that included, finding a fox, talking to Carlos, K9OL, who jumped out of an airplane, a satellite demonstration, a mini contest, launching a pico balloon and so much more! At the end of the day I went to another booth where they were giving out an electronic kit that came with an Arduino. It was an amazing prize and if you like messing around with electronic and programming projects I recommend it. My dad and I are hoping to turn the Arduino into a fox and we can use it for the upcoming club fox hunt.



Hamvention was a great event, and I met some old friends, made new ones, and met almost all of the biggest ham radio YouTubers. If I talked about the whole Hamvention it would take a whole book! I am still surprised that I could even fit it in 9 paragraphs. If you ever have the time, I recommend you purchase a ticket and get ready to have the time of your life in Dayton Ohio!



Here is a link to Cameron's awesome presentation "Working Outside the Shack". It's 9 minutes long:
<https://vimeo.com/947785160/e32c95f0bc>

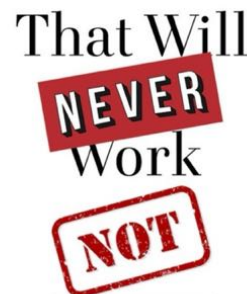
IF WE MAKE IT FUN, THEY WILL COME!

By Brad KA9JDE

The business meeting is a necessary part of any club's monthly meeting. It also can be very boring, especially to any perspective members that attend.

What can we do to "spice up" our monthly meeting and revitalize our club? I've heard many times over the years:

- ☐ "But who are we going to get to do it?"
- ☐ "That will never work."
- ☐ "It takes too much time".
- ☐ "Other clubs have many more members."
- ☐ "We've always done it this way."



Here's a thought: How about if we change our thinking? Maybe we try coming up with new ways to make the club more interesting and attractive?

While at the recent Dayton Hamvention there were many forums that were available to attendees. Out of the many I attended; I chose 2 that were on improving your local ham radio club:

- ☐ **HOW TO GROW AN AMATEUR RADIO CLUB FROM NEARLY DEAD TO AMAZING!** by Brian Perry KY4BDP (Lake Cumberland Amateur Radio Association LCARA). We learned:
 - 10 steps any club can implement to grow their membership and get their members active and involved in club events.
 - Consistently hold activities such as workdays, skills training, field days and social gatherings (don't forget to have lots of great food!). A club this is active together grows together!
- ☐ **TIPS FOR SUCCESSFUL RADIO CLUBS** by Mike Walters W8ZY (ARRL Field Services Manager). We learned:
 - ARRL Affiliated Clubs are the lifeblood of amateur radio at the local level. This forum will include a discussion of ideas and opportunities for radio clubs that are seeking growth and greater member participation. Topics include recruitment, licensing, training, engagement and leadership development.

What were, in my opinion, the best things I learned from these forums?

1. If we make it fun, people will come, as word spreads.
2. Learn from what other successful clubs are doing. I belong to 4 ham radio clubs, the RRRC, the Fond du Lac ARC, the Fox Cities ARC and the Superstition ARC (in Arizona). I follow what these clubs are doing for ideas.
3. Have a program at each monthly meeting to keep people interested and engaged.
4. Ask for specific help. "Hey Bill, can you help with XYZ on July XX at 3 PM?". Make the request by a personal phone call.
5. Encourage folks that have never been Net Control to give it a try. What better way to learn operating skills? Don't just ask for volunteers. Make a personal phone call and ask.
6. Personal "touches" keep folks involved. Examples include reminder emails of club nets and activities, social media and a monthly newsletter with articles at all levels and lots of photos.
7. Have food! People love to eat. At the last RRRC meeting I volunteered to bring brats (15), buns (15), chips (3 bags) and soda (12). It didn't cost me much and folks enjoyed it! Would you be willing to volunteer to take a turn bringing food for one of our upcoming meetings?
8. Hold a "Mobile Drive In" where we meet at a local park or drive in restaurant to show others how we have rigs and antennas installed in our vehicles. Answer questions on how others can do safe and creative installs.
9. You must spend money to increase membership and keep people engaged. Pick a project people of all ages and ham radio knowledge can be involved in.

10. Have a Member Shack Tour. This could be fun for both newer hams and old timers. I went to one of these events with the Fond du Lac ARC at Dave McCumber's (N9WQ) QTH.
11. Add club activities to a club calendar available on our website, with things such as monthly meetings, workdays, nets, special projects and special event stations.
12. Meet current, and certainly new members, WHERE THEY ARE IN HAM RADIO. Help build their confidence and encourage participation in club activities. Have training sessions on how to program radios, how to participate in a net etc. Put together a new HAM packet you can give out when someone passes their first test. Have a kit for new hams to borrow & have a training session, have a 10m net for technicians.

The ARRL forum shared a Radio Club Health Check while I was at one of the forums mentioned above. Check it out ----->

The LCARA forum leaders said "How to grow your amateur radio club? It requires leadership of 2 or more people that want to pursue these opportunities to grow. Without leadership, it will not grow."

I am proud to say that the RRRC has more than 2 great leaders that are passionate about this great hobby of ours. As club members, let's do everything we can to help our club's leadership keep their enthusiastic spark alive. We need more active members and together we can make it happen!

Here's a link to the LCARA presentation:

<https://www.youtube.com/watch?v=2t9lyur-xME&t=208s>

Here's a link to the ARRL presentation:

<https://www.youtube.com/watch?v=LHEe-yNtsJO&t=31s>

Radio Club Health Check

Meetings

- ☐ Regular Meetings
- ☐ Presentations
- ☐ Welcome New Members
- ☐ Building Projects

EmComm

- ☐ ARES Nets
- ☐ ARES® Drills
- ☐ CERT Training
- ☐ AUXCOMM

Classes

- ☐ New License Class
- ☐ Upgrade Class
- ☐ Skills Training
- ☐ VE Sessions

Youth & School Programs

- ☐ School Presentations
- ☐ Demonstrations
- ☐ ARISS
- ☐ Scouts
- ☐ General Youth Outreach

Mentoring

- ☐ New Hams Mentoring
- ☐ Skills Mentoring
- ☐ Net Operation Mentoring
- ☐ Digital Skills Mentoring
- ☐ Radio Operation Skills

Outreach

- ☐ Public Service Events
- ☐ Hamfests
- ☐ Morse Code Training
- ☐ Community Displays & Demos
- ☐ Repeaters

Events

- ☐ ARRL Field Day
- ☐ Public Service Events
- ☐ Special Event Stations
- ☐ Member Recruiting
- ☐ SOTA
- ☐ POTA
- ☐ Fox Hunts

Contesting

- ☐ ARRL Contests
- ☐ DX Contests
- ☐ Inter-club Contests
- ☐ Digital Contests

☒

ARE YOU READY FOR SOME FUN?

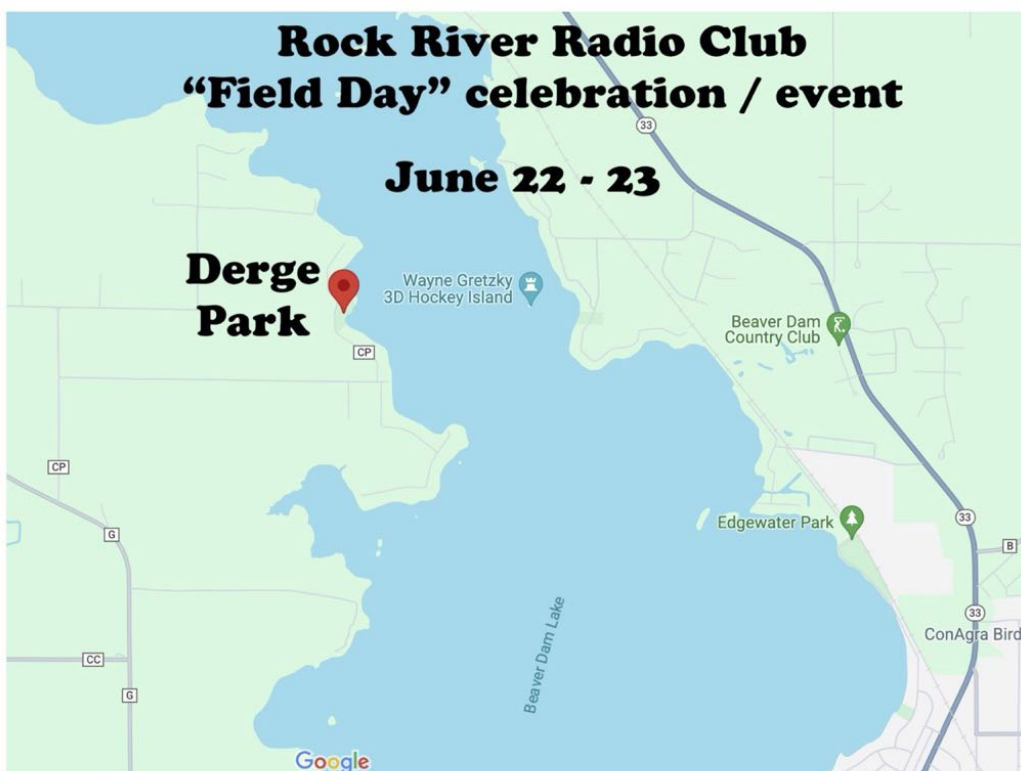
Join us at Derge Park / June 22-23
for our local “FIELD DAY” celebration



Field Day is ham radio's open house. Every June, more than 40,000 hams throughout North America set up temporary transmitting stations in public places to demonstrate ham radio's science, skill and service to our communities and our nation. It combines public service, emergency preparedness, community outreach, and technical skills all in a single event. Field Day has been an annual event since 1933, and remains the most popular event in ham radio.

You are invited to come out to this year's Rock River Radio Club "FIELD DAY" event on Saturday June 22 and Sunday June 23. We will be setup at Dodge County's Derge Park – see map below.

We welcome the public to come learn more about ham radio!



Derge Park on the west side of Beaver Dam Lake

What is ARRL Field Day? You're Invited!

Field Day is a radio communications event that brings together amateur radio operators (also called "hams") within your community. The event is part picnic, campout, practice for emergencies, informal contest, and most of all, fun! ARRL Field Day is the most popular ham radio activity held annually in the US and Canada. On the fourth weekend in June each year, more than 35,000 radio amateurs get together with their clubs, groups, or friends to operate from remote locations.

It is a time when many aspects of amateur radio come together to highlight its many roles. While some will treat it as a contest, other groups use the opportunity to practice their emergency response capabilities. It is an excellent opportunity to demonstrate radio communications to the general public and organizations that amateur radio might serve in an emergency. For many radio clubs, ARRL Field Day is one of the highlights on their annual calendar.

The contest part involves contacting as many other stations as possible while learning to operate radio gear in abnormal situations and less than optimal conditions.

These same skills are utilized to help with large, preplanned, non-emergency events such as marathons and bike-a-thons; fundraisers such as walk-a-thons; celebrations such as parades, and exhibits at fairs, malls, and museums.

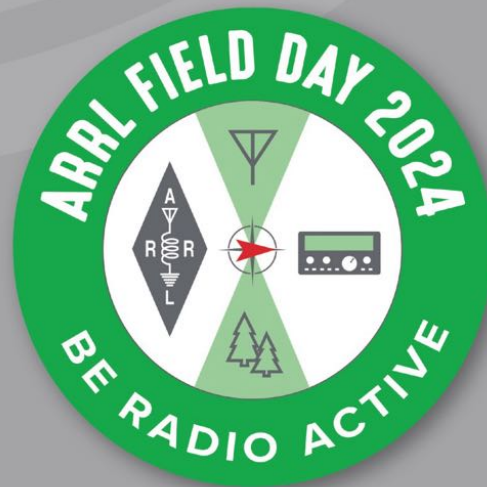
Despite the development of very complex, modern communications systems — or maybe because they *are* so complex — ham radio has been called into action, again and again, to provide communications in crises when it really matters. Hams are well-known for their communications support in real disaster and post-disaster situations.

What is ARRL?

With more than 150,000 members, ARRL is The National Association for Amateur Radio in the US. ARRL is the primary source of information and support for radio amateurs. ARRL provides books, news, information for individuals and clubs, special events, continuing education classes, and other benefits to its members.

What is Amateur Radio?

Often called "ham radio," the Amateur Radio Service is a worldwide community of licensed operators using the airwaves with every conceivable means of communications technology. It is made up of people who enjoy learning and being able to transmit voice, data, and pictures through the airwaves to places near and far without depending on commercial systems. The amateur radio frequencies are the last remaining place in the usable radio spectrum where an individual can develop and experiment with wireless communications. Not only can hams build and modify their equipment, but they can also create new ways to communicate via the airwaves — and do it as a globally connected community. Many people in the hobby form lifelong friendships with people they wouldn't have otherwise met. Many rock stars, Hollywood actors, and heads of state (and even your neighbor down the street) are ham radio operators. You can be, too! Get started at Field Day!



**Bring your
friends
and
family!**



ARRL The National Association for
Amateur Radio®
www.arrl.org/fieldday

**ROCK
RIVER
RADIO
CLUB**



GET ON THE AIR!

Be a part of the most popular on-the-air operating event in amateur radio.

Join your local community and get in on the action!

**PARTICIPATE IN YOUR LOCAL
ARRL FIELD DAY JUNE 22-23, 2024**



www.arrl.org/fieldday

UPCOMING HAMFESTS

HAMFEST/CONVENTION

06/15/2024 - Riverland ARC Swapfest

Location: Stoddard, WI

Type: ARRL Hamfest

Sponsor: Riverland Amateur Radio Club

Website: <http://rarc.qth.com/>

HAMFEST/CONVENTION

06/15/2024 - Sunshine Swapfest

Location: Appleton, WI

Type: ARRL Hamfest

Sponsor: Fox Cities Amateur Radio Club, Inc.

Website: <https://www.fcrc.club/sunshineswap.php>

HAMFEST/CONVENTION

07/06/2024 - South Milwaukee ARC Swapfest

Location: Oak Creek, WI

Type: ARRL Hamfest

Sponsor: South Milwaukee ARC WI9SM

Website: <http://wi9sm.org/>

HAMFEST/CONVENTION

08/10/2024 - CVARC 2024 Hamfest

Location: Chippewa Falls, WI

Type: ARRL Hamfest

Sponsor: Chippewa Valley Amateur Radio Club

Website: <https://w9cva.org/hamfest>

HAMFEST/CONVENTION

08/24/2024 - Circus City Swapfest

Location: Baraboo, WI

Type: ARRL Hamfest

Sponsor: Yellow Thunder Amateur Radio Club

Website: <http://yellowthunder.org>

HAMFEST/CONVENTION

09/07/2024 - ORC Annual Regional Fall Swapfest

Location: Cedarburg, WI

Type: ARRL Hamfest

Sponsor: Ozaukee Radio Club (ORC)

Website: <http://www.OzaukeeRadioClub.org>

HAMFEST/CONVENTION

09/20/2024 - 09/21/2024 - HRO Superfest

Location: Milwaukee, WI

Type: ARRL Hamfest

Sponsor: Ham Radio Outlet



RE-INTRODUCING THE RRRC SWAPSHEET

Years ago, our newsletter offered a free listing to club members to buy, sell or trade ham radio related gear.

Send your listing to ka9jde@gmail.com to have your Buy / Sell / Trade item listed in our RRRC Swapsheet.

JOIN US FOR "FIELD DAY" 2024

Derge County Park
on the west side of Beaver Dam Lake

The contest starts at
1 PM on Saturday June 22
and runs through
Sunday June 23
whenever we close down

SUPPORT YOUR LOCAL CLUB!



EAA CHAPTER 897 FLY-IN PHOTOS

By Brad KA9JDE

Dale WB9ADB, Dennis KC9ICA, Donna, Carston, Dave K9MKP and Brad KA9JDE helped spread ham radio excitement at the Dodge County airport Fly-In Breakfast on Sunday, June 9th. We had fun, made some contacts on 20 meters as a special events station, saw some old friends and made some new ones!



Brad, Carston, Donna, Dennis and Dale



A T-6 Texan warbird parked near us



Dennis KC9ICA standing by our setup



Brad KA9JDE, one of the pilots and Dale WB9ADB

CONGRATS TO CAMERON KD9VGV FOR 3RD PLACE IN THE WISCONSIN QSO PARTY ROOKIE CATEGORY TOP 10 ROOKIE CATEGORY

Wisconsin QSO Party Rookie Category

All Rookies Receive Certificate

Callsign	Name	State	Home City	Score	CW Q's	PH Q's	RY Q's	Q's	Ctys Wkd	S&P	Mult	Pwr	Club
In Wisconsin													
KD9RKG	Bob Worden	WI	POR	54598.0	293	0	0	293	17	45	62	L	
KB3KYH	Bill Duveneck	WI	BRO	50774.0	0	342	0	342	52	46	98	L	Green Bay Mike & Key Club
KD9VGV	Cameron Frey	WI	DOD	47659.5	0	357	0	357	45	44	89	L	
KD9QHJ	Mike Miller	WI	CAL	23664.0	0	232	0	232	46	22	68	L	Fox Cities ARC
KB9TYC	Paul Brooten	WI	BAR	23625.0	0	210	0	210	46	29	75	L	Barron Co Amateur Radio Assn
KE9TT	Walt Beattie	WI	KEW	23283.0	0	199	0	199	40	38	78	L	Green Bay Mike & Key Club
WD6BNY	Jonathan Rutschky	WI	WAU	21321.0	0	206	0	206	47	22	69	L	
W9USO	Mark S. Draeger	WI	MIL	16182.0	0	174	0	174	44	18	62	L	
WA0IQM	Brian L. Hackman	WI	DAN	12150.0	0	135	0	135	33	27	60	L	Four Lakes ARC
W9NUE	Mike Esche	WI	CAL	8620.0	0	102	0	102	33	7	40	L	Fox Cities ARC

THUNDERSTORMS

WATCH VS. WARNING

Severe Thunderstorm Watch: Be Prepared!

Severe thunderstorms are possible in and near the watch area. Stay informed and be ready to act if a severe thunderstorm warning is issued. Watches are issued by the Storm Prediction Center (www.spc.noaa.gov) for counties where severe thunderstorms may occur. The watch area is typically large, covering numerous counties or even states.

Severe Thunderstorm Warning: Take Action!

A severe thunderstorm has been indicated by radar or reported by a spotter producing hail one inch or larger in diameter and/or winds exceeding 58 mph. Warnings indicate imminent danger to life and property. Take shelter in a substantial building. Get out of mobile homes that could be blown over by high winds. Severe thunderstorms can produce tornadoes with little or no advance warning.

LEARN MORE

ABOUT THUNDERSTORMS SAFETY AT:
www.weather.gov/thunderstorm

Severe Thunderstorm Risk Categories

Developed by the Storm Prediction Center (SPC)

1	MARGINAL (MARG.)	<ul style="list-style-type: none"> No Severe Thunderstorms Expected. Lightning/Flooding threats exist with all thunderstorms. Winds to 40 mph. Small hail. Isolated severe thunderstorms possible. Limited in duration and / or intensity. Winds 40 - 60 mph. Low tornado risk.
2	SLIGHT (SLGT)	<ul style="list-style-type: none"> Scattered severe thunderstorms possible. Short-lived and / or not widespread, isolated intense storms possible. One or two tornadoes. Reports of strong wind damage Hail - 1", isolated - 2"
3	ENHANCED (ENH)	<ul style="list-style-type: none"> Numerous severe thunderstorms possible More persistent and / or widespread. A few tornadoes. Several reports of strong wind damage. Damaging hail - 1 - 2"
4	MODERATE (MDT)	<ul style="list-style-type: none"> Widespread severe thunderstorms likely Long-lived, widespread and intense. Strong tornadoes. Widespread wind damage Destructive hail - 2"+
5	HIGH (HIGH)	<ul style="list-style-type: none"> Widespread severe thunderstorms expected. Long-lived, very widespread and particularly intense. Tornado Outbreak. Derecho

NATIONAL
WEATHER
SERVICE



THUNDERSTORM
SAFETY

FOR YOU AND
YOUR FAMILY



BEFORE A THUNDERSTORM

- **Be Weather Ready:** Check the forecast often to find out what you can do before severe weather strikes. Preparation is key to staying safe and minimizing impacts.
- **Be Weather Ready:** Check the forecast regularly to see if you're at risk for severe thunderstorm. Listen to local news or a NOAA Weather Radio to stay informed about watches and warnings.
- **Sign Up for Notifications:** Know how your community sends warnings. Check media severe thunderstorm alerts available in your area.
- **Create a Communications Plan:** Have a family plan that includes an emergency meeting place. Pick a safe room in your home such as a basement, storm cellar or an interior room on the lowest floor with no windows. Get more details at <https://www.weather.gov/make-a-plan>
- **Practice Your Plan:** Conduct a family severe thunderstorm drill regularly so everyone knows what to do if a damaging wind or large hail is approaching. Don't forget pets.
- **Prepare Your Home:** Keep trees trimmed near your house. If you have time before severe weather hits, put away loose objects, close windows and doors, and move valuable objects inside or under a sturdy structure.
- **Help Your Neighbor:** Take CPR training so you can help if someone is hurt during severe weather. Conduct a drill with elderly or disabled neighbors.



Sit down with your family or friends and develop a communications plan. Photo NOAA

DURING A THUNDERSTORM

- **Stay Weather Ready:** Continue to listen to local news or a NOAA Weather Radio to stay updated about watches and warnings.
- **At Your House:** Go to your secure location if you hear a severe thunderstorm warning and damaging wind or large hail is approaching. Take your pets if time allows.
- **At Your Workplace or School:** Stay away from windows if you are in a severe thunderstorm warning. Damaging wind or large hail could blow heavy object at windows. Do not go to large open rooms such as cafeterias, gymnasiums or auditoriums.
- **Outside:** Go inside a sturdy building immediately if severe thunderstorms are approaching. Sheds and storage facilities are not safe. Taking shelter under a tree can be deadly. The tree may fall on you and you are at risk of getting struck by lightning.
- **In a vehicle:** Being in a vehicle is safer than being outside; however, if you have time, drive to closest secure shelter.

AFTER A THUNDERSTORM

- **Stay Informed:** Keep your NOAA Weather Radio or portable radio with you in your safe place/shelter, so you can listen for updates on tornado watches and warning and know whether the threat has passed.
- **Contact Your Family and Loved Ones:** Let your family and close friends know that you're okay so they can help spread the word. Power may be out and phone lines may be down.
- **Assess the Damage:** After you are sure the severe weather threat has ended, check your property for damage. When walking through storm damage, wear long pants, a long-sleeved shirt and sturdy shoes. Contact local authorities if you see power lines down. Stay out of damaged buildings. Be aware of insurance scammers if your property has been damaged.
- **Help Your Neighbor:** If you see someone injured, call 911 then, if you are trained, provide first aid until emergency responders arrive.



After a tornado, watch out for dangerous debris, such as sharp metal, glass, or downed power lines.. Photo: NOAA



For more information, visit

www.weather.gov/thunderstorm

HAM RADIO LICENSE TESTING DATES

If you are looking to get your ham radio license or upgrade your current license, here is the info you need. Tests can be taken In Person or Virtually via Zoom in the comfort of your home. The choice is yours!

Upcoming nearby In Person exams:

06/22/2024 | Portage WI

Sponsor: Un-sponsored
Date: Jun 22 2024
Time: 9:30 AM (Walk-ins allowed)
Contact: Ed Wagner (608) 235-8545
Email: ab9fn@hushmail.com
VEC: ARRL/VEC
Location: Portage Public Library
253 W Edgewater St
Bidwell Room
Portage WI 53901-2117

07/06/2024 | Madison WI 53715

Sponsor: Four Lakes ARC
Date: Jul 06 2024
Time: 8:00 AM (Walk-ins allowed)
Contact: Frederick Baguhn (608) 437-8937
Email: w9goc@arrl.net
VEC: ARRL/VEC
Location: Univ of WI Space Place
2300 S Park Street
Villager Mall Lower Level
Must have FRN at time of exam.
Madison WI 53715-2143
Website: www.w9jz.org/exam/

07/13/2024 | Eau Claire WI 54702

Sponsor: Eau Claire/Chippewa Falls/Menomonie Area Hams
Date: Jul 13 2024
Time: 9:00 AM (Walk-ins allowed)
Contact: Jeffrey A. Wait (715) 222-4630
Email: kb9mmt@gmail.com
VEC: ARRL/VEC
Location: Lake Street United Methodist Church
337 Lake Street
Eau Claire WI 54702

07/13/2024 | Janesville WI 53545

Sponsor: Wisconsin Area VEs (WAVE)
Date: Jul 13 2024
Time: 1:00 PM (Walk-ins allowed)
Contact: Scott A. Fry (608) 751-3996
Email: n9fry@arrl.net
VEC: ARRL/VEC
Location: Saint John Lutheran Church
Basement - Lower Entrance
302 N Parker Dr
Janesville WI 53545-3024

07/16/2024 | Plymouth WI 53073

Sponsor: Sheboygan Cty WI VE Team
Date: Jul 16 2024
Time: 7:00 PM (No Walk-ins / Register or Call ahead)
Contact: Art Pahr (920) 892-8887
Email: k9xj@arrl.net
VEC: ARRL/VEC
Location: Salem United Church of Christ (Enter from East parking lot, off Kensington Ave)
217 Salem Dr (Handicap Accessible)
Please put "VE Exam" in the email subject line
Plymouth WI 53073-2032

07/20/2024 | Menasha WI 54952

Sponsor: Fox Cities ARC
Date: Jul 20 2024
Time: 8:00 AM (Walk-ins allowed)
Contact: Richard R. Kosiorek (920) 809-1010
Email: wj9k.mail@gmail.com
VEC: ARRL/VEC
Location: Maplewood Middle School
Door 17 Community Rm
1600 Midway Rd
Menasha WI 54952-1228
Website: <https://fcarc.club/node/2>

UPCOMING VIRTUAL EXAMS:

Brad, KA9JDE, is a member of the AA7HW Volunteer Examiner Team under the W5YI VEC. With over 40 Volunteer Examiners on the team, we offer virtual testing via Zoom. The cost of the exam is \$14. For more info or to schedule an exam, go to aa7hw.org.

Testing is done virtually via Zoom usually Monday-Thursday at 4pm and Friday at 8:30pm. To schedule your exam session, go to: aa7hw.org

Also feel free to contact Brad KA9JDE with any questions at ka9jde@gmail.com.





AA7HW^{VE}Team

Yes, you CAN take your License Exam Online using Zoom

from the comfort of your own home or office

Our team of Volunteer Examiners has administered nearly 2000 friendly, efficient online amateur radio license exams since May 2020

- We offer online exams most weekdays.
- We can often schedule exams at other times if our existing schedule does not meet your needs.
- New license or upgrades.
- Take multiple exams for the same low price.
- Friendly and efficient.
- You can generally have your license two days after passing your exam.
- Our Portland-based team is a 501(c)(3) non-profit organization.



<https://www.aa7hw.org>

Herb Weiner, AA7HW
herbw@wiskit.com
(503) 771-1400

Local contact:
Brad Gehrt, KA9JDE
W5YI Volunteer Examiner
ka9jde@gmail.com
(920) 210-1620

RRRC Weekly Nets

Monday A.R.E.S. Net 7:30 PM

RRRC 2-Meter Repeater 146.64 MHz

Net Control Stations

**June 10, 2024 Peter -KD9UVX /
Cameron KD9VGV**

June 17, 2024 Ted -W9LUQ

June 24, 2024 Ryan - KB9OWD

July 1, 2024 Gary - KA9BAE

July 8, 2024 Jeff - KB9UNY

Repeater Backup 147.585 MHz Simplex

160-Meter HF Net Wednesday 7:00 PM

1.908 MHz Lower Side Band

(1.920 MHz backup frequency)

**70-Centimeter Net RRRC Knowles
Repeater 442.975**

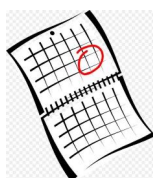
Thursdays at 7:30 PM

75-Meter HF Net Saturday 10:00 AM

7.278 MHz Lower Side Band

NEW Calendar

**See our NEW./ RRRC Calendar
on the following page. This is an
experiment. Email Brad
whether you
like it or not
at ka9jde@gmail.com**



RRRC Repeaters

2-Meter Located in Juneau, WI

146.640 MHz Output

146.040 MHz Input

(Duplex, Standard Negative Offset)

123.0 Hz PL Tone

70-Centimeter Located in Knowles, WI

442.975 MHz Output

447.975 MHz Input

(Duplex, Standard Positive Offset)

123.0 Hz PL Tone

Standard FM and

Yaesu System Fusion (C4FM) Capable

Rock River Radio Club Mailing Addresses

Club Dues / Bills / Club Business

R.R.R.C.

P.O. Box 26

Juneau, WI 53039-0026

Newsletter Related Items:

Raymond Teschke

617 Mohawk Cir.

Horicon, WI 53032

rkteschke@att.net

Website: www.rrrc.net

Webmaster: Ray (Lucky) Lasanske K9LUK

k9luk@sbcglobal.net

RRRC Calendar

June 15 - July 13 2024

SUN	MON	TUE	WED	THU	FRI	SAT
						15 75-Meter HF Net Saturday 10:00 AM 7.278 MHz LSB Alt Freq 3.947 MHz
16	17 Monday A.R.E.S. Net 7:30 PM RRRC 2-Meter Repeater 146.64 MHz	18	19 160-Meter HF Net Wednesday 7:00 PM 1.908 MHz Lower Side Band (1.920 MHz backup frequency)	20 70-Centimeter Net RRRC Knowles Repeater 442.975 Thursday at 7:30 PM	21	22 RRRC FIELD DAY at Derge County Park on the west side of Beaver Dam Lake. Starts at about noon
23 RRRC FIELD DAY at Derge County Park on the west side of Beaver Dam Lake. Probably until 11 am	24 Monday A.R.E.S. Net 7:30 PM RRRC 2-Meter Repeater 146.64 MHz	25	26 160-Meter HF Net Wednesday 7:00 PM 1.908 MHz Lower Side Band (1.920 MHz backup frequency)	27 70-Centimeter Net RRRC Knowles Repeater 442.975 Thursday at 7:30 PM	28	29 75-Meter HF Net Saturday 10:00 AM 7.278 MHz LSB Alt Freq 3.947 MHz
30	1 Monday A.R.E.S. Net 7:30 PM RRRC 2-Meter Repeater 146.64 MHz	2 No July RRRC meeting	3 160-Meter HF Net Wednesday 7:00 PM 1.908 MHz Lower Side Band (1.920 MHz backup frequency)	4 70-Centimeter Net RRRC Knowles Repeater 442.975 Thursday at 7:30 PM	5	6 RRRC Breakfast at Village Garden in Juneau 8:00 AM 75-Meter HF Net Saturday 10:00 AM 7.278 MHz LSB Alt Freq 3.947 MHz
7	8 Monday A.R.E.S. Net 7:30 PM RRRC 2-Meter Repeater 146.64 MHz	9	10 160-Meter HF Net Wednesday 7:00 PM 1.908 MHz Lower Side Band (1.920 MHz backup frequency)	11 70-Centimeter Net RRRC Knowles Repeater 442.975 Thursday at 7:30 PM	12	13 75-Meter HF Net Saturday 10:00 AM 7.278 MHz Lower Side Band Alternate Frequency 3.947 MHZ

I made this RRRC calendar as an experiment to see if it is of value to our members. If you like it, let Brad KA9JDE know. If you don't, let Brad KA9JDE know as well. Your comments will determine whether we continue to publish it in our newsletter or not.





HOLY SMOKES IS IT HOT IN ARIZONA!

BY Brad KA9JDE



As most of you know, I spend time in Arizona activating Summits On The Air (SOTA) peaks year round. It is very normal for it to be scorching hot during the summer months. Of course, that doesn't stop me from hiking / climbing SOTA summits, but I must carry much more water and be extremely careful. If you don't know what SOTA is, go to: <https://www.sota.org.uk/>

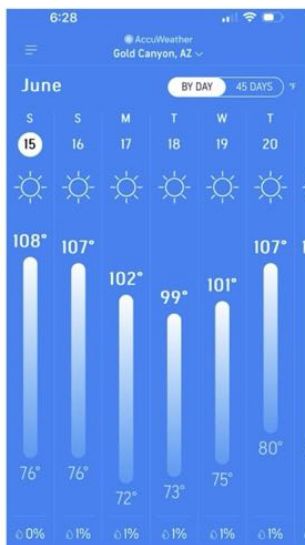
Today, Saturday June 15th was my first full day here. Excessive heat warnings are almost every day, and I take those warnings seriously. My options are 1. To get up early (I am a night owl) or 2. Get to altitude where it is cooler.

This morning, I decided to "man up" and get up early. I thought (wisely) that a SOTA 2-pointer would be a good choice to re-acclimate my body to the heat. The SOTA organization realizes that it takes extra effort in the heat of summer (and in the cold of winter in WI). That means from June 1st to September 1st I get a 3-point summer bonus on most Arizona summits. A 2-pointer becomes a 5-pointer. Woohoo! It was in the low 100's when I finished the activation but rose to 108 F later in the afternoon. 12% humidity – a dry heat – yada yada – still smoking hot!!!!

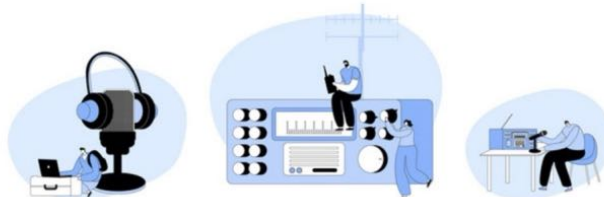
Side note: the goal of many SOTA activators is to earn Mountain Goat status. That's 1,000 points. Summits range from 1 point to 10 points. The highest SOTA summit ever activated (a 10-pointer) was Aconcagua, in Argentina, at 22,841' ASL. It takes a lot of 2-point summits to get to 1,000! Although I have activated many 10-point summits, some 2-point summits are quite difficult. For example, Turks Cap, which is near our home, is a 5-mile hike (with 25-30 lbs. in my backpack), involves scrambling (crawling on all fours over boulders) and climbing. It takes about 4+ hours to complete. I've activated it in 106 F and it was nasty!

In short, today's activation of Shaw Butte was a success. And since I was just north of Phoenix, after the activation I stopped at HRO (which is only 10 minutes from the summit). Pretty hard to make for a better day!

Here are a couple photos from today...



ROCK RIVER RADIO CLUB W9TCH



When all else fails, amateur radio is there



WHY JOIN THE ROCK RIVER RADIO CLUB???

(you don't need a ham radio license to join)

- ☐ **IS HAM RADIO STILL A THING?** Because of the nature of a ham radio station, it can be set up anywhere, requires no commercial power, is relatively inexpensive, and if one station fails, the rest of the system continues without any interruption. So, the answer is: Yes, ham radio is still a thing.
- ☐ **CHALLENGE YOURSELF TO LEARN SOMETHING NEW!** Most of our members are licensed Ham Radio operators (also called Amateur Radio). We are experimenters. We call it "homebrewing". Learn how to build radios, antennas, computers, etc.
- ☐ **LEARN ABOUT HI-TECH LOCAL AND WORLDWIDE COMMUNICATIONS.** Communicate with other ham radio operators worldwide. A 12-year-old club member has spoken directly with one of the astronauts on the International Space Station via ham radio! How cool is that?
- ☐ **WHEN THERE IS NO ELECTRICITY, CELL PHONE SERVICE OR INTERNET, HAM RADIOS ARE LIKELY TO STILL WORK.** During disasters, cellphones and internet connections are not reliable.



- ☐ **LEARN HOW TO HELP WITH SEVERE WEATHER SPOTTING.**
- ☐ **JOIN IN ON FUN ACTIVITIES!** Fox hunts (finding a hidden transmitter via direction finding equipment), operating portable "off grid", participating in worldwide contests, and "Field Day" (we're at Derge Park on Beaver Dam Lake) the third weekend in June and be part of antenna raising party!
- ☐ **THIS IS NOT YOUR GRANDPA'S HAM RADIO HOBBY!** Wow has this hobby evolved over the years. Ham radio is the original "social network"! We text via ham radio. We can bounce radio signals off the surface of the moon. We do Amateur TV via radio. We send email via ham radio. We do ham radio via satellites.
- ☐ **MORSE CODE IS NO LONGER A LICENSING REQUIREMENT.** You still have to pass an exam to earn your Technician class license and the privilege to use ham radio. Exams can be taken virtually via Zoom or in person. There are 35 multiple choice questions.



***Our Individual Regular membership is only \$20/year
The application is on the back***

Annual Membership Dues
Rock River Radio Club of Wisconsin
PO Box 26, Juneau WI 53039-0026



Last Name: _____

First Name(s): _____

Call(s): _____

Phone: _____

Address: _____

City: _____

Email: _____

ARRL: YES NO

State: _____ Zip: _____

Description	\$ Each	Quantity	Total
RRRC 2024 Membership - Family	\$25.00		
RRRC 2024 Membership - Individual Regular	\$20.00		
RRRC 2024 Membership - Individual Associate	\$10.00		
RRRC Badge	\$10.00		
A.R.E.S. Communication Trailer Fund Contribution			
GRAND TOTAL:			

Send to: Dave DePover
 Attn: RRRC treasurer
 W7657 Stone Rd.
 Juneau, WI 53039