



RF CARRIER

A Publication of the Dayton Amateur Radio Association

January 2025

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RF Carrier Articles are due:

Issue	Due Date
May	4/21/2025
June	6/20/2025
Sept	8/22/2025

Submit articles in Word format.
Send pictures in separate graphic files

The RF Carrier is published by the Dayton Amateur Radio Association. Permission is granted for reprinting articles provided that credit is given to the original author and the RF Carrier.

DX Marathon expert Mark WC3W Speaks at April Dara Meeting

The program will be, "DX Marathon Program," by Mark Wohlschlegel, WC3W. When the CQ Magazine went away, a lot of Hams thought the associated contests would also go away. That's not the case. A lot of contests are still going on. The DX Marathon Program is one of them. Mark will be giving us an update on the current state of the DX Marathon Program. You can also find additional information at <https://dxmarathon.com/>. Come join us in person or on Zoom.

Address Change & Membership

Dues are payable July 1st of each year. Regular membership dues are \$10 per year, with \$3 additional per family member living in the same household. Contact the Membership Chair Jeff DeVoe K8JTD at PO Box 44, Dayton, OH 45401 to pay dues, change your address or to update any personal information appearing in the DARA Directory.

If you have any questions about your membership or key fobs, you can contact Jeff at membership@w8bi.org

DARA Membership Renewal

Member ID:	Dues Amount: \$	Check No:
Name:		Call Sign:
Address:		
City:	State:	Zip Code:
Phone Number:		
License Class:		License Expires:
ARRL Member:		
Email Address:		

Form: DMR0817



It's April and that means that we may see some severe weather ahead. Are you prepared? Are you a trained spotter? Most of the NWS spotter classed have already passed. A few are still up coming. Here's a list of the dates and their locations:

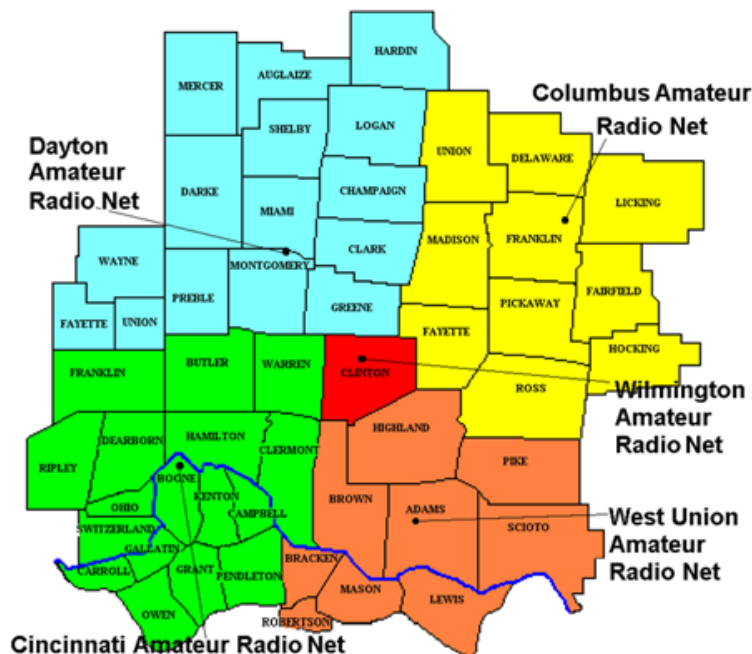
Wednesday April 9th – Cincinnati
 Monday April 14th – Middletown
 Tuesday April 15th – Hocking County
 Thursday April 17th – Delaware (registration is CLOSED)
 Tuesday April 22nd – Alexandria, Ky
 Monday April 28th - Pickerington

SKYWARN

For more information on the spotter training schedule go to the following web site:

<https://www.weather.gov/iln/spottertrainingschedule>

Don't know what frequencies to turn to?



This chart comes directly from the Wilmington NWS site. These are the main frequencies to tune to during a severe weather event. Don't forget your local county emergency frequencies. They will most likely be active as well.

Remember, when you tune in, LISTEN carefully for what the NCS is asking for.

The NWS Skywarn page has a TON of info about what to report during a severe weather event. Take the time to check out that info:

<https://www.weather.gov/skywarn/>

Frequencies and Links		
Dayton (W8OK)	146.640 MHz - Southern Miami Valley 146.835 MHz - Northern Miami Valley	Website
Cincinnati (W8NWS)	146.880 MHz - Tri-State Region	Website
Columbus (N8WX)	146.760 MHz - Central Ohio	Website
West Union (K8GE)	147.000 MHz - South-Central OH / Northeast KY	Website
Wilmington (WX8WIL)	147.120 MHz - Clinton County	
What To Report		

Some interesting Winter stats. Thanks to Mike W8CI for providing these charts:



2024-2025 REGIONAL TEMPERATURE STATS

NATIONAL WEATHER SERVICE – WILMINGTON, OHIO



Winter Season Observed Temperature Trends

Daily Average Temperature/Month (Departure From Normal)	CINCINNATI (KCVG)	COLUMBUS (KCMH)	DAYTON (KDAY)
December	38.2°F (+ 2.6°)	37.0°F (+ 2.5°)	36.7°F (+ 2.4°)
January	25.1°F (- 6.3°)	23.7°F (- 5.9°)	23.8°F (- 5.6°)
February	38.3°F (+ 5.4°)	34.2°F (+ 3.5°)	34.4°F (+ 3.5°)

Statistics From December 1, 2024 – February 14, 2025

- Cincinnati (KCVG), Columbus (KCMH) and Dayton (DAY) all observed their coldest January since 2014.
- Through the first 3 weeks (21 days) of January, the average daily temperature was 22.9°F at Cincinnati (CVG) and 21.9°F at Columbus (CMH), the coldest first 3 weeks of January at the each respective site since 1994.
- The two consecutive days (20th and 21st) at Dayton (DAY) when the temperature did not reach 10°F was the first instance of back-to-back days without reaching 10°F at the site since 2018.
- The 7 days of low temperatures dipping below 10°F at Cincinnati (CVG) and six (6) days at Columbus (CMH) was the most in a single calendar month at each respective site since January of 2018 (10).

 weather.gov/iln

 [/NWSWilmingtonOH](https://www.facebook.com/NWSWilmingtonOH)

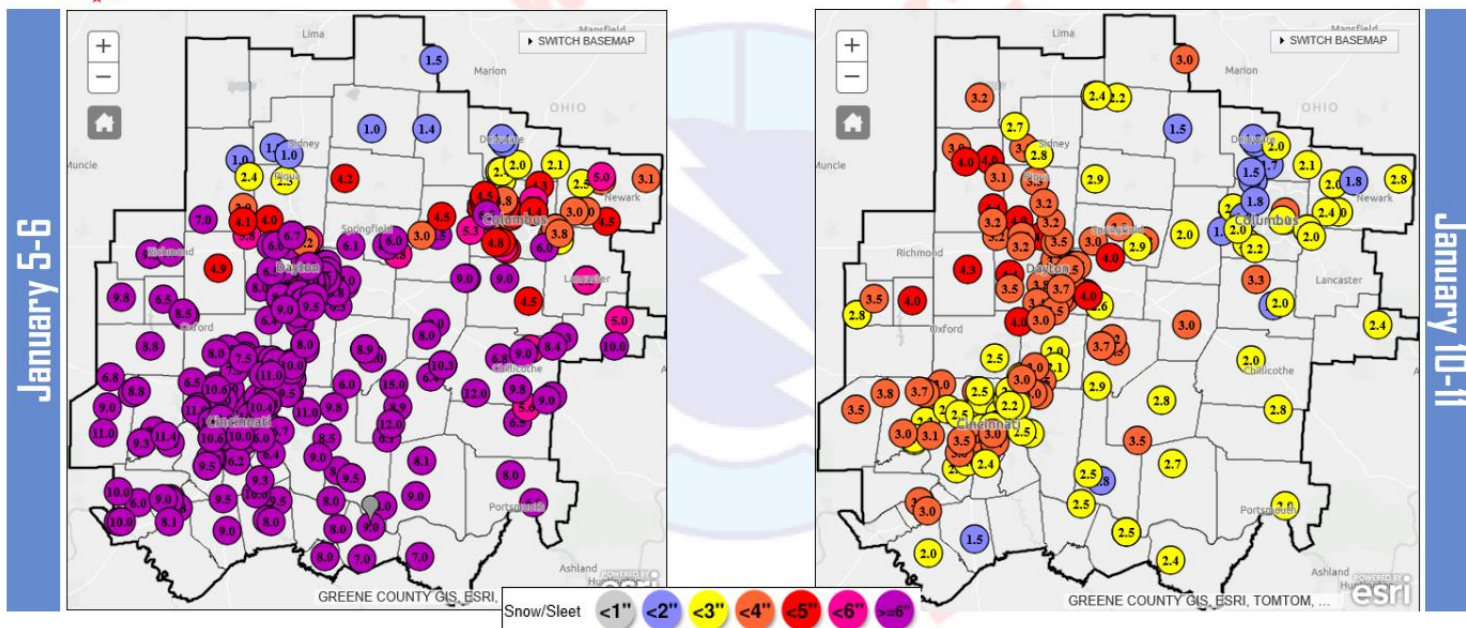
 [@NWSILN](https://twitter.com/NWSILN)



A VERY WINTRY & SNOWY JANUARY

NATIONAL WEATHER SERVICE – WILMINGTON, OHIO





 weather.gov/iln

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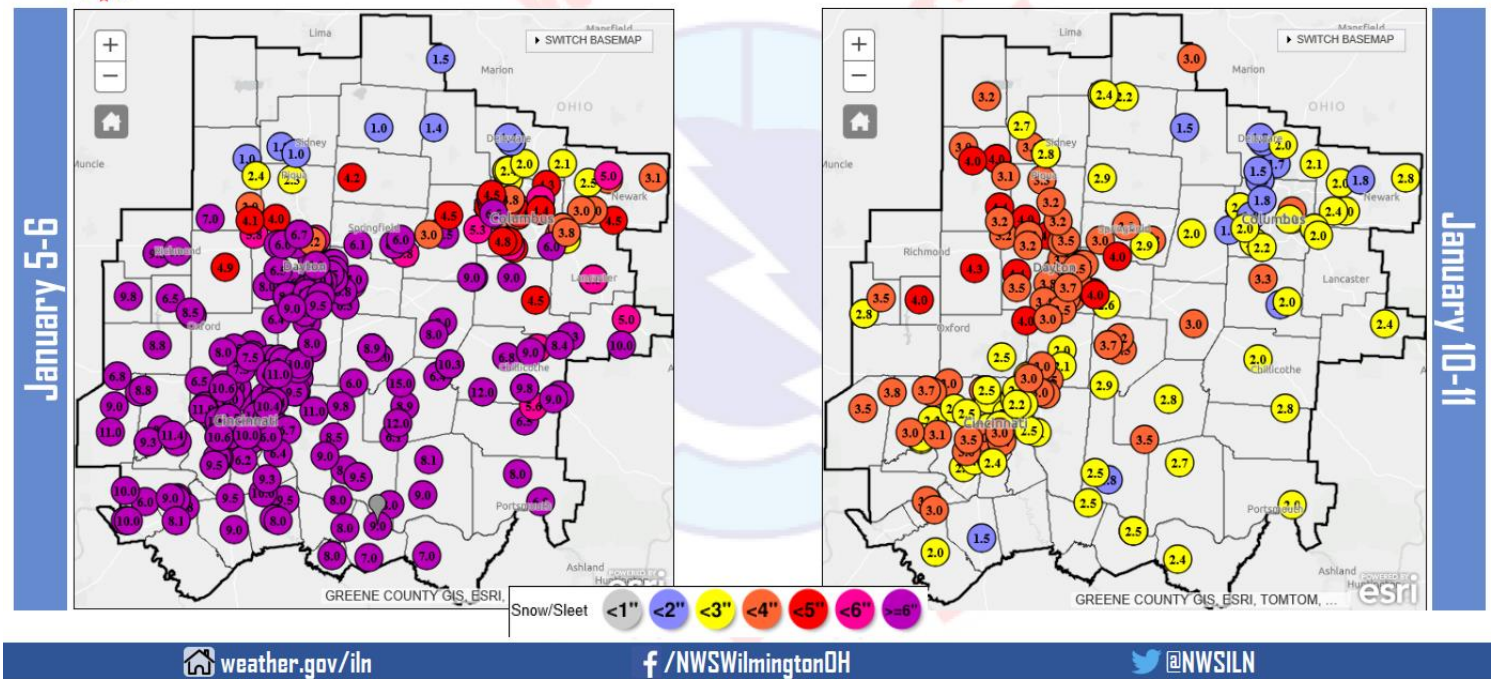
 [@NWSILN](https://twitter.com/NWSILN)



A VERY WINTRY & SNOWY JANUARY

NATIONAL WEATHER SERVICE – WILMINGTON, OHIO

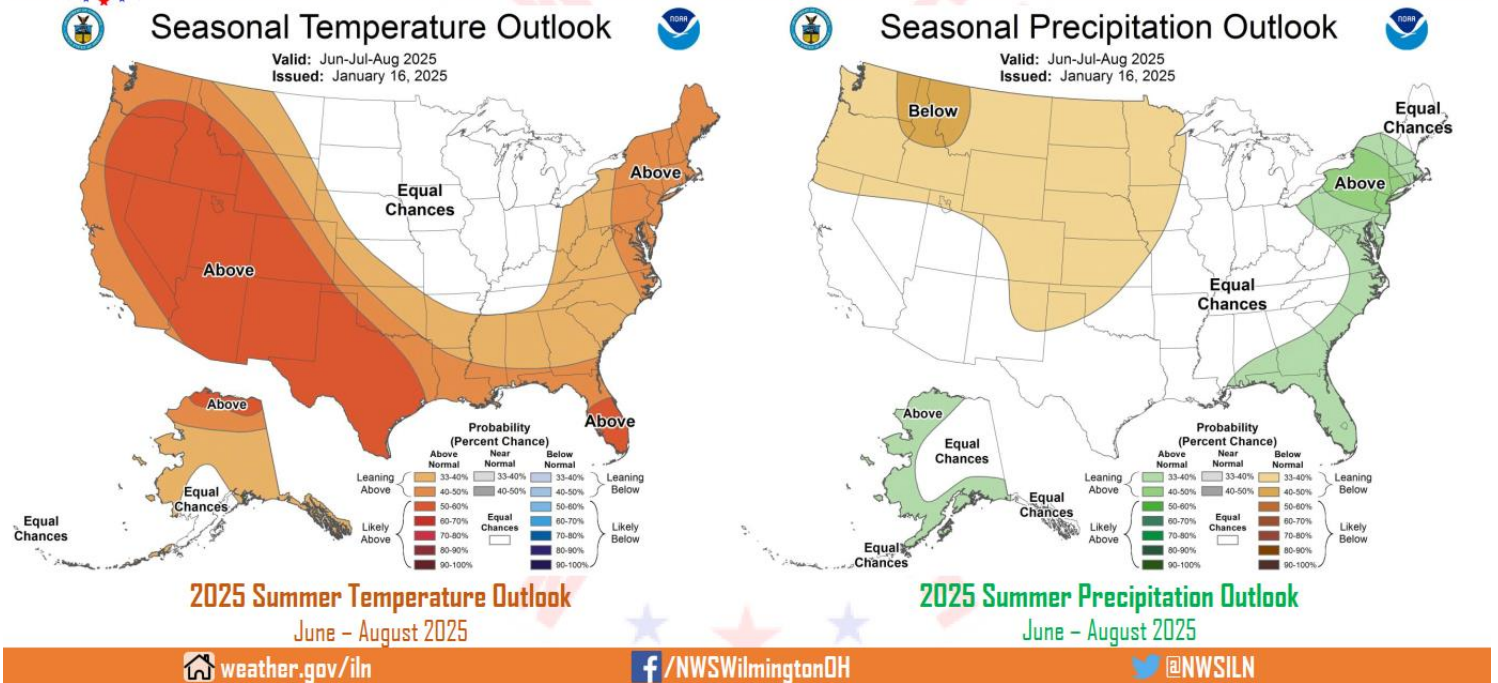






SUMMER 2025 OUTLOOK

NATIONAL WEATHER SERVICE – WILMINGTON, OHIO



The 2025 Hamvention Award Winners

We are delighted to announce the recipients of the 2025 Hamvention Awards. The selection process was highly competitive, given the outstanding quality of nominations submitted this year. We extend our heartfelt congratulations to the winners for 2025.

Sincerely,

Michael Kalter W8CI Awards Chair

Technical Achievement Award Dr. Kristina Collins KD8OXT

Dr. Kristina Collins KD8OXT serves as the Chief Operations Scientist for the HamSCI Personal Space Weather Station Network. In this role, she collaborates with citizen scientists to pinpoint significant events, organize campaigns, and ensure PSWS data is validated and curated for scientific purposes. As of now, listeners can hear her voice on WWV at 8 minutes past the hour and WWVH at 48 minutes past the hour, where she introduces the test signal for the WWV/H Scientific Modulation Working Group.

Dr. Collins has been instrumental in organizing numerous workshops through HamSCI and has guided many undergraduate and graduate students in radio science projects, including instrument deployments, eclipse campaigns, and data analysis. She is a dedicated member of the Case Amateur Radio Club, W8EDU, working alongside her colleagues to integrate amateur radio into university teaching and research.

At the Space Science Institute, Dr. Collins employs virtual reality and sonification in her research to explore Geospace and other interdisciplinary scientific questions. Her primary research interests lie in using open-source hardware and software to enhance participation and accelerate progress in science and engineering.



Special Achievement Julio Ripoll WD4R

Julio Ripoll, WD4R, received his first amateur radio license in 1977. His fascination with hurricanes began in childhood, sparked when Hurricane Betsy in 1965 damaged his family's home in Miami, Florida, causing water to pour into his bedroom. In 1980, Dr. Neal Frank, then Director of the National Hurricane Center (NHC), requested an Amateur Radio station within the NHC to facilitate communication with the Caribbean during hurricanes. Julio was chosen for this important task. WX4NHC handled its first hurricane that year, and Julio's initial two-year assignment with the NHC has since extended to 45 years, covering over 100 hurricanes.

In 2010, shortly after the Haiti Earthquake, Julio was tasked with setting up and managing operations between the University of Miami (UM) Hospital in Florida and the UM field hospital in Haiti. He swiftly coordinated with US and Haitian officials, organizing a team of amateur radio operators from across the US to run HH2/WX4NHC in Haiti. Beyond the field hospital, the team provided vital communication links to the US Navy hospital ship Comfort, facilitating helicopter and speed-boat patient transfers that saved many lives. Julio and his team's use of Amateur Radio in public service demonstrated significant merit, earning high regard for Amateur Radio capabilities.



Club of the Year RV Radio Network (RVRN)

The RVRN roots date back over 40 years to a chapter of the Texas Good Sam Club, which included a few Ham Radio Operators. These hams started a net that drew in other Good Sam RVers from neighboring states, leading to gatherings at campgrounds where their fellow net members lived. The net quickly outgrew the Texas chapter, gaining members nationwide, and thus, the RV Radio Network (RVRN) was born. Today, RVRN boasts over 450 members.

From the very beginning, our club aimed to organize activities that not only expand knowledge of ham radio and related technology but also allow us to enjoy RV travel and meet fellow hams and RVers across the country.

They keep in touch virtually through various ham radio nets and meet in person whenever possible. They have 10 different HF nets each week, along with a weekly international EchoLink multi-mode net and a video net over the internet.

They hold two major rallies a year featuring educational forums and seminars, tours of RV radio equipment, and antenna configurations. If there's an interesting industry nearby, they might invite a guest speaker to share insights about their operations. And, of course, they enjoy the social events and entertainment common to typical RV rallies.



Amateur of the Year Neil Rapp WB9VPG

Neil Rapp, WB9VPG, from Union, Kentucky, earned his Novice ticket in 1976 at the remarkable age of 5, making him one of the youngest licensed amateur radio operators ever.

Currently a visiting professor of chemistry at Xavier University, Neil has a rich history in education. He previously taught high school chemistry and sponsored the amateur radio club for 28 years at Evansville (IN) Harrison and Bloomington (IN) High School South. During his tenure, he introduced over 3,600 students to amateur radio in STEM classrooms, and Bloomington South consistently excelled in the high school division of School Club Roundup.

In 2019, Neil co-founded and became the camp director of Youth On The Air (YOTA) Americas, which connects young amateurs with peers through activities that encourage their continued involvement in amateur radio. YOTA groups organize peer-led activities, such as summer camps, contesting opportunities, and special events, for licensed amateur radio operators under the age of 26.

Neil's contributions to the amateur radio community extend further. He is a contributing editor of the Next-Gen Contesters column in the National Contest Journal, a member of the ARISS USA Education Committee, a reporter and anchor for Amateur Radio Newsline, and the founder and former host of the Ham Talk Live! webcast.



Here's a new puzzle for y'all to work on. Thanks to our Prez – Ron Doyle N8VAR

Low Power or QRP

O T N B K E I L T O O G S E E
A I J F G S A O R N L I F D S
P O D O B R Y E A E G C O L J
S O D A T O U P R N T C E G G
W I R J R M D J A W N V N Q N
E G D P H E F L S Z E W O R Q
A R L G A B W P U L R O P V A
K D I Y Z G X O Q N E L Z Y Z
H H U M G J A R P N H B H U X
Q L J L X N P T M V O I C E M
A N T E N N A F I O C X L P I
J X P Y G Z Q V I O D O C G S
T N E I C I F F E V N E P O G
M I L L I W A T T S E Q O Y E
D U V L Z L C U J J O U Q E Z

antenna

code

coherent

efficient

five

high

level

low

milliwatts

mode

morse

one

propagation

power

qrp

qrp

radio

signal

voice

weak

*From the Oval Office of the Prez....*

Ron Doyle N8VAR



Our trip to HamCation in Orlando, FL was a good time for all. Most of the board members went down to represent Hamvention at Florida's largest hamfest. We were in a new place by the HamCation Prize Booth. While we were concerned that the new location might lower the traffic by the booth, we think it might have increased our traffic. At least we think so, because we sold more tickets to Hamvention than we did last year. The weather was great, and we think there was good attendance. We were able to meet up with a lot of hams that had attended Hamvention, and we also introduced a lot of hams to Hamvention. I personally think we had a great time, and it was a productive trip for Hamvention. I would like to remind the club that club members that traveled to Orlando did so at their own expense, and we also purchased our own tickets to the show.

Hazel Everett, our Hamvention Assistant Chair, is going to attend the RARSfest (Raleigh Amateur Radio Society Hamfest) April 5th. We have been working with their organizers, just like we work with the organizers of Hamcation and the Huntsville Hamfest, to help promote and to collaborate to make all of our hamfests better. Also attending and helping Hazel and Jeff Everett will be Janese and Rick Brooks, and Barb and Jack Gerbs.

Zoom access to meetings: Yes! You have access to DARA meetings live on Zoom! We send out notices before the meeting with the access credentials. I encourage everyone that can't make the meeting, because you can't make it to Xenia, for whatever reason, please join us on Zoom! It's the best way to see the meeting presentations. We do record the meetings but due to copyright permissions we can't always put the recordings on the web site. My goal is for those meetings, I can post if they would be available for the next month, until we have a new meeting program that would replace it.



DARA Booth at
Orlando Hamcation

April is the start of the process to elect our Board members. At the April, meeting I will announce the Chair for the Nominations' Committee. The Club will elect two people to join that Committee. Through the month of April, the Committee will recruit candidates for the different Board offices. In May, the club will nominate any addition candidates, at which time nominations will be closed. The June meeting will host the elections. You will need to be a current member to vote. If you have lost your membership card or are unsure of your membership status, check with Jeff DeVoe. He will be at the meetings, usually in the back, with a table set up to renew memberships and answer questions.

I hope you are working on your home brew projects. The May meeting will be Home Brew night. There are more details later in the newsletter. We all love to see what you are working on, so please bring your project and show it off.



The Dave Kalter Youth DX Adventure team is excited to announce two different events for 2025.

The first event team is for W3Y on June 13-15 and is being assembled. We are recruiting up to six youth operators for the event. Applicants must hold an Extra Class License. They will be operating from the K3LR Super Contest Station.

K3LR Station representatives are Amy Leggieri N8AMY, Teri Grizer K8MNJ and Tim Duffy K3LR.

Again, we thank Amy N8AMY, Teri K8MNJ, Tim K3LR and the K3LR Contest Group for hosting the W3Y team again for this year's event. Additional thanks to DXEngineering and Dayton Amateur Radio Association (DARA) for their financial and other support for this effort.

The second event team is for PJ2Y (call pending) on July 17-22 at the PJ2T Curacao location. We prefer applicants hold an Extra Class License but can accept General Class Licensees. Since this is an international trip a current valid (not to expire prior to 6 months following the trip end date) is required and supplied to the team for consideration.

We thank Uli DL8OBQ, the Caribbean Contesting Consortium and Dayton Amateur Radio Association (DARA) for their financial and other support for the PJ2Y effort.

See the Dave Kalter Youth DX Adventure website at youthdxa.org for an application and more information. Both trips require a parent or guardian attending the event with the youth.

Many corporations, clubs and individuals support our efforts on each trip with contributions and they will be listed on our QSL card. See us at the Dayton Hamvention® YDXA Booth in Building 4.

Dave Kalter was a big supporter of youth in amateur radio as is his brother Mike W8CI and DARA. Please consider a generous donation to the YDXA at either their web site or at the Hamvention booth. Your donation directly supports these kids. The youth that are chosen are some of the most active young hams in their communities and inspire other kids and classmates to earn their licenses and thus insure a bright future for Amateur Radio. Remember... Inspire, Mentor and Donate. These kids can't thank you enough for YOUR support.

Words from the Vice President

Jim Storms AB8YK



Our next General Membership Meeting is April 4th at 7 p.m. We will be at the Greene County Fairgrounds and Expo Center in the Dining Hall, also known as Forum 3. The program is on the DX Marathon Program, and our speaker, Mark Wohlschlegel, WC3W, will join us via Zoom. He will cover the program's history and explain its emphasis. This is also the meeting where the election committee is introduced and information on the positions available, plus procedures for our annual officer election. The voting occurs at our June meeting.

I want to remind you that next month is HOMEBREW. Get your soldering iron out and ready. Build something and show it off at the May meeting. Maybe you will win a prize. Currently, I am verifying the Extension Building (Forum 4) Buckeye Meeting Room. This meeting corresponds to the World Affair, so watch the RF Carrier email list for instructions. Also at this meeting, the final slate of officer candidates is locked in.

I didn't submit a formal article for the carrier for March but I do have a thank you letter from the Greene County 4H Club thanking Dara for their support. Rather than type in their letter, I decided to include their letter here. Let's hope they all get their Amateur Radio license soon.



Dara & Members

Thank you for your continued support of our 4H club. We so appreciate clubs & members like you; they are the backbone of growth. Our goal is to promote the hobby to our youth but our primary goal is to get them license, which isn't always easy when it comes to kids but with your help & support we will continue to try.

Thank you all!

Elias Christopher

Lepton
Thank You
William

Thanks,
James
KD8DGB

Matthew
WILLIAMS

Abby
Malcom

Lilly
Cedar

Brian Williams

Gail
KD8DQR

4H Ham Radio Club



The Secretary's Corner

Jack Gerbs WB8SCT



DARA Board Meeting Minutes

November 19, 2024

Approved

Board Members Present:

President Ron Doyle, N8VAR

Vice President, Jim Storms, AB8YK (via Zoom)

Treasurer, Michael Kalter, W8CI

Secretary, Jack Gerbs, WB8SCT

Sr. Trustee, Rob Lunsford, KB8UEY

Jr. Trustee, Dan Puckett, W8AAU

Hamvention General Chairman, Brian Markland, N8UDQ

*Denotes member absent

Attendees:

Jeff Everetts, N8IBW

Hazel Everetts, N8PTL

The meeting began at 19:00 with the Pledge of Allegiance.

Secretary Report & IT Committee Report, Jack Gerbs:

Minutes were presented, Rob Lunsford moved to accept the minutes and Dan Puckett seconded. Motion passed unanimously.

Treasurer Report was presented by Michael Kalter:

- Our taxes for the year have been filed.
- Our 501C3 has been filed and has been accepted.
- Hamvention contract has been completed. Michael Kalter and Brian Markland are meeting with the Green County Agricultural Society tomorrow, December 18, to present the proposal.
- All 1099s will be mailed out in early January 2025.

Trustee Report:

Rob – continues to work on the budget.

Dan – Nothing new on the van. – Check by-laws on if we can sell the van.

- Dan will write the proposal on possible disposition of the van.

Hamvention Report, Brian Markland:

- All committees are reporting on task.
- Tickets and flea market sales has been a little slow
- Inside sales is on track
- Initial design specification for Booth Tracker replacement has been completed, next vender vetting will take place.
- Booth tracker is open, and there will be an outreach to all vendors.
- The parking and signs committees are working on making improvements for 2025. The two committees are building new plans.

Vice President, Jim Storms:

- Holiday party went well!
- January 3rd – Presenter will be Ward Silver. He will be discussing end fed half wave antennas (EFHW).
- February 7th – The general membership meeting has been moved from February 7th to February 14th (Valentines Day) because of a conflict with HamCation. Topic, “You have to hear them to work them”, presented by Jay Slough.

President Report, Ron Doyle:

Continuing to work on the following

- DARA committee chair positions for 2024-2025.
- Sam Anderson will be taking over as newsletter editor.
- Website - Ron Doyle will follow up with Susan Jebens on status.

Other Business:

- Website needs to be updated with current board members and an overall review.
- Field Day plans – Nancy Krodel and Sam Anderson will be chairing DARA’s Field Day.
- Asset management software Red Beam needs to be replaced, Ron Doyle will work with Steve Keller.
- Jim Simpson – Property acquisition – no update.

Meeting adjourned at 7:48

DARA Board Meeting Minutes

January 21, 2025

Board Members Present:

President Ron Doyle, N8VAR

Vice President, Jim Storms, AB8YK

Treasurer, Michael Kalter, W8CI

Secretary, Jack Gerbs, WB8SCT

Sr. Trustee, Rob Lunsford, KB8UEY

Jr. Trustee, Dan Puckett, W8AAU*

Hamvention General Chairman, Brian Markland, N8UDQ*

*Denotes member absent

Attendees:

Jeff Everetts, N8IBW

Hazel Everetts, N8PTL

Keith Yarger, AD8SC

The meeting began at 19:00 with the Pledge of Allegiance.

Secretary Report & IT Committee Report, Jack Gerbs:

Minutes were presented; Jim Storms moved to accept the minutes, Michael Kalter seconded. Motion passed unanimously.

IT:

- D-Star and P25 needs to be moved to the new Metronet circuit.
- The firewall needs updates to resolve the performance issues on the wireless network.
- A user account at Fortinet needs to be set up for administration of our FortiGate's.
- Metronet bill needs to be setup on autopay.

Treasurer Report was presented by Michael Kalter:

- The budget has been completed and needs to be approved.
- All end of year taxes has been filed.
- All 1099s have been mailed.
- The Hamvention contract has been signed and countersigned.
- Mission and Vision statement was presented and reviewed.

Trustee Report by Rob Lunsford:

- Planning council meeting was canceled last week due to weather conditions.
- Brief discussion on the DARA van and use of van.

Hamvention Report, Hazel Everetts:

- All committees are reporting on task.
- Tickets and flea market sales continue.
- Booth Tracker replacement, vender vetting has begun.

Vice President, Jim Storms:

- February 14 – The general membership meeting has been moved from February 7th to February 14th (Valentines Day) because of a conflict with HamCation. Topic for February's meeting is, "You have to hear them to work them", presented by Jay Slough, K4ZLE.
- May is homebrew.
- June elections.

President Report, Ron Doyle:

Continuing to work on the following

- DARA committee chair positions for 2024-2025.
- Website - Ron Doyle, the website is being worked on. The board section on the website has been updated to reflect the current board members. Emails need to be setup with forwarders to prevent the use of private email addresses being posted on the site.
- Discussion continued on website design and content.
- Field Day – Nancy Krodell requested a budget of \$500 for the event.
 - Nancy will provide a plan and present it to the board at our next meeting.
 - Park at Wright State with bathroom facilities and shelter.
- Asset management software – Data from the existing program has been extracted and Steve Keller is working on a replacement solution.

Other Business:

Meeting adjourned at 8:18

DARA Board Meeting Minutes

February 18, 2025

Board Members Present:

President Ron Doyle, N8VAR

Vice President, Jim Storms, AB8YK

Treasurer, Michael Kalter, W8CI

Secretary, Jack Gerbs, WB8SCT

Sr. Trustee, Rob Lunsford, KB8UEY

Jr. Trustee, Dan Puckett, W8AAU

Hamvention General Chairman, Brian Markland, N8UDQ

*Denotes member absent

Attendees:

Jeff Everetts, N8IBW

Hazel Everetts, N8PTL

Keith Yarger, AD8SC

Nancy Krodel, KC8RMT

The meeting began at 19:00 with the Pledge of Allegiance.

Secretary Report & IT Committee Report, Jack Gerbs:**Minutes Approval:**

Minutes were presented, Rob Lunsford made a motion to pass the minutes, Michael Kalter seconded the motion. Motion passed unanimously.

IT:

- D-Star and P25 needs to be moved to the new Metronet circuit.
- Fortinet was updated with new contact information so we can update our firewalls.
- Firewalls and access points have all been updated.
- The issue continues with poor wireless performance, a ticket will be opened with Fortinet to assist with the troubleshooting this issue.

Treasurer Report was presented by Michael Kalter:

- The budget has been completed and needs final approval.
- All end of year taxes and tax forms have been filed.

Trustee Report by Rob Lunsford:

- Nothing new since last meeting
- Dan – DARA Van mission statement was created. Before any more work is done on the van, Dan will work with the membership to determine:
 - The overall sentiment on the van
 - The commitment of members to support continued operation of a DARA van.

Hamvention Report, Hazel Everetts:

- All committees are reporting on task.
- Most contracts are in place.
- Tickets and flea market sales continue.
- Booth-Tracker replacement, vender vetting continues.

Vice President, Jim Storms:

- March – The general membership meetings topic for the March meeting is, “Air Force MARS”, presented by Ken Klann, AA8CI.
- May is homebrew.
- June elections.

President Report, Ron Doyle:

Continuing to work on the following

- DARA committee chair positions are still being filled for 2024-2025.
- Website - Ron Doyle, the website is being worked on. The board section on the website has been updated to reflect the current board members. Emails need to be setup with forwarders to prevent the use of private email addresses being posted on the site.
- Discussion continued on website design and content.
- Ron presented the overall open action items list he is working on.

Other Business:

Nancy Krodel, reported on field day status.

Meeting adjourned at 8:03

Editor's Notes

Sam Anderson N8VES

Not everything has gone well in the last two months. So.... This month we are ON TIME.

Unfortunately, I did not make it to the February meeting. It was more important to take my wife out to dinner on Valentines Day. Hopefully someone took pics of the meeting and the door prize winners. I didn't make the March meeting because of other obligations



RF CARRIER

Fox Hunt!

No hunt this month. We only received eight entries in the January Fox Hunt. Of those eight, three found them all (18). Looks like they were harder to find than I thought. The three winners are Shawna Collins N2TUI (who sent me a copy of the RF Carrier back with all the snowflakes circled), Sharon Brown N8CZD and Liz Kline KE8FMJ. I know the contest said that two cards would be awarded but.... Since there were only three correct answers, I bought an extra gift card and all three will be awarded their prize.

2025 Field Day

Nancy Krodel KC8RMT and Sam Anderson N8VES are looking for a few volunteers to help plan Field Day this year. Preliminary plans are to be at the Wright State University field shelter on Zink Road in Fairborn. Reservations are underway and we will have access to the restrooms directly behind the shelter. The shelter also has electric power and "may" have lighting. My YL (not X... she's younger than me...) works there. So getting the reservation should not pose a problem. We need volunteers for food prep, antenna setup and tear down as well as other duties. The "team" would like to have at least three more for planning with the first meeting set for Monday March 7th at the clubhouse. Wanna do Field Day with us? Contact Nancy KC8RMT at KC8RMT@gmail.com or Sam N8VES at n8ves@yahoo.com.

January Meeting Highlights



Welcome our new member, Elissa Jordan KF8BQR



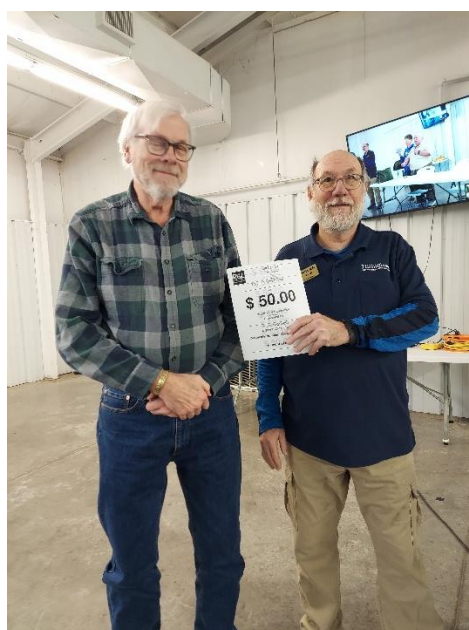
January Door Prize Winners



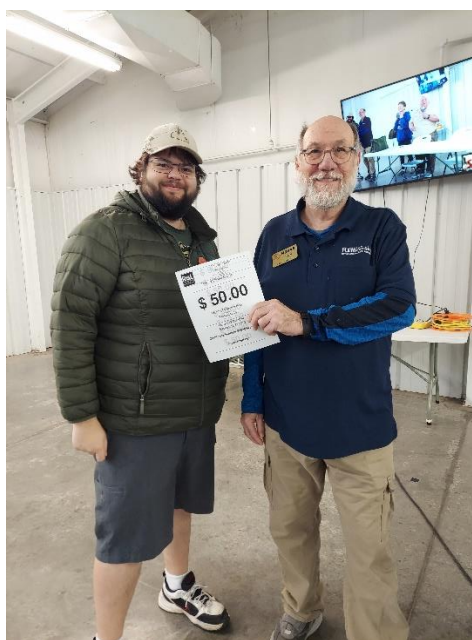
Ralph Beach KD8GZJ



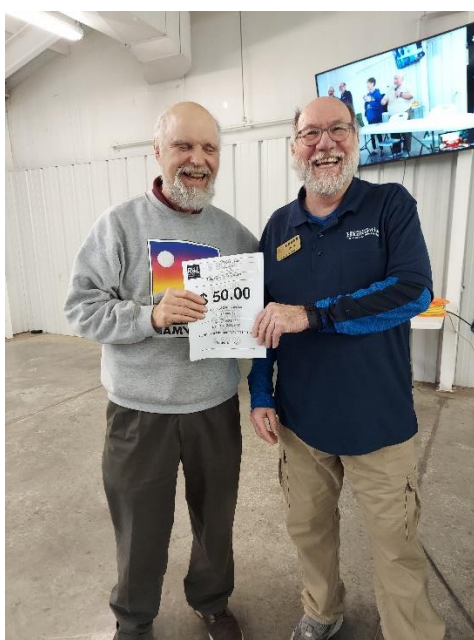
Joe Stork KD8GIC



Mike Bene AC8PZ



Logan Rickert W8XEN



Steve Coy K8UD



Mike Kalter W8CI

No pics for the March Prize winners were submitted. February prize winners are below



Ann Yarger



Jay K4ZLE



Nancy KC8RMT



Eric KE8LPK



Dian KE8ZED



Logan Rickert W8XEN

In Memoriam

The following DARA members have recently passed away. Please remember them and their families in your prayers.

Aubrey Flock N8QNP and Jack Schaeffer, KD8BJS

Both were long time members of DARA and loyal volunteers of Hamvention.

Sample Exam Questions

T2B01

How is a VHF/UHF transceiver's "reverse" function used?

- A. To reduce power output
- B. To increase power output
- C. To listen on a repeater's input frequency
- D. To listen on a repeater's output frequency

G3B01

What is a characteristic of skywave signals arriving at your location by both short-path and long-path propagation?

- A. Periodic fading approximately every 10 seconds
- B. Signal strength increased by 3 dB
- C. The signal might be canceled causing severe attenuation
- D. A slightly delayed echo might be heard

E2B01

In digital television, what does a coding rate of 3/4 mean?

- A. 25% of the data sent is forward error correction data
- B. Data compression reduces data rate by 3/4
- C. 1/4 of the time interval is used as a guard interval
- D. Three, four-bit words are used to transmit each pixel

DARA Repeaters

W8BI 146.94 (-600 KHz) CTCSS 123 Hz

W8BI 223.94 (-600 KHz) CTCSS 123 Hz

W8BI 442.10 (+5.0 MHz) CTCSS 123 Hz

W8BI ATV 421.25 (439.25) 144.34 Common Audio

DSTAR

147.105 (+600 KHz) W8RTL^^C (^ Denotes a space)

443.050 (-5.0 MHz) W8RTL^^B

1283.50 (-12 MHz) W8RTL^^A DV

1249.00 Simplex W8RTL^^A DD

Test Answers:

T2B01 C. To listen on a repeater's input frequency

G3B01 D. A slightly delayed echo might be heard

E2B01 A. 25% of the data sent is forward error correction data