



DEC. 2024 – JAN. 2025 MACON COUNTY ARC NEWSLETTER



**THE MACON COUNTY ARC WILL MEET NEXT THURSDAY JAN, 30,
2025 AT THE 1ST CHRISTIAN CHURCH ON BRIGGS DRIVE**

Website Link www.n0pr.org Macon County ARES Net 7:30 Wednesdays

HAPPY NEW YEAR TO ALL

THE DECEMBER RADIO CLUB MEETING/ CHRISTMAS DINNER



The Radio Club Christmas Dinner at the Apple Basket December 5th was very well attended. There were 25 members, family and guest present and everyone enjoyed a fun evening. Dale Bagley, KØKY presented a PowerPoint program about the Macon County ARC activities for 2024. The program highlighted last year's Christmas Dinner, the election of new officers for both the Radio Club and the Repeater Group. The presentation highlighted the Field Day Exercise, The Fall Picnic, the Lester Dent, WØD special Event and some of the improvements that improved the NØPR operating capabilities. Chris Clark, KFØGUS, gave the blessing of the Meal and MCARC Club president Jesse Jones, expressed his appreciation to the members for making 2024 a very successful year for our club. The Certificates for participating in the WØD Special Event were distributed. There were several other MCARC members that would liked to have attended, but due to other commitments or not feeling up to par and were unable to participate. I hope that all our members will make a New Year's Resolution to Attend and participate in 2025 Radio Club meetings and operating events.



KEØOTA

KDØNTZ

WAØWOF



KFØRBR

STEPHANIE



KEØBCA

SANDY



DELIGHT

KØARS



CATHY

KEØMHI

NØPR WEBSITE & P.O.T.A. UPDATE

Chris Clark, KFØGUS, is the POTA king of the Macon County ARC and in addition to his call, he also makes QSOs with NØPR. Through Chris's efforts, the Macon County ARC has qualified for several levels of POTA Awards. Ira Huff, AI7HC, has added the awards info to the NØPR Website. You can go to the www.n0pr.org and check out the latest on the website. We really appreciate the work of Chris, KFØGUS and Ira, AI7HC for their dedication to keeping the MCARC moving forward.



MIKE MORGAN, KMØMVR'S NEW RADIO SHACK



Many of the Macon County ARC members have had a radio in their vehicle and Ed Brockelmeyer, KØEB, had a complete station in his RV. Mike Morgan, KMØMVR, recently bought himself a Trailer that he plans to use when he goes to Cave exploring and when he is just camping out. Mike will be using his 12 ft. mobile "Home" by mounting a version of his operating station in the unit. I know he'll have a great time and maybe you will get a chance to work him portable soon.

LAST CHANCE TO GET YOUR CLUB POLO SHIRT ORDERED THIS YEAR, JUST REPLY TO dbagley@cvalley.net

RADIO CLUB POLO SHIRTS \$20.00

SIZES S TO XXL CAROLINA BLUE

NAME	CALLSIGN	SIZE	# SHIRTS	PAID
1 Dale Bagley	KØKY	XL	1	example

SOLAR SUNSPOT CYCLE 25 NEWS

The Relationship Between Solar Maximum and the 10-Meter Band

- 1. Long Range Propagation:** During solar maximum, the 10-meter band's propagation capabilities are exceptionally strong, making it ideal for global DX activities. With the improved ionospheric conditions, 10-meter signals can easily span continents, connecting radio operators worldwide.
- 2. Relatively Uncrowded:** While solar activity impacts the 10-meter band, it is often less congested than other HF bands during periods of good propagation. The reduced interference means clearer, more efficient communication.

How to Make the Most of the 10-Meter Band for Efficient DXing

- 1. Set your HF XCVR on 10 meters and take advantage of the current solar cycle's peak activity by searching for activity on 10 meters.** You can scan through the 10 m band and find out when it's the best time of day is to make the most contacts and the best use of your operating time. Right now, we are at or near the peak of the Solar Sun Spot Cycle and the propagation on 10 meters is at it's best.
- 2. Use the Right Equipment:** Make sure your radio equipment supports the 10-meter band and choose an appropriate antenna configuration to optimize signal propagation. Directional antennas, for example, can enhance signal range and quality, helping you achieve better contacts.
- 3. Find the Right Frequency** Different frequencies on the 10-meter band propagate differently. For SSB (Single Sideband) communications, the active range typically falls between 28.3 MHz and 28.5 MHz. To avoid interference, try to operate on a clean frequency with less congestion.

