

AMATEUR RADIO CLUB OF COLUMBIA COUNTY, INC.



THE ARCCC, INC. WELCOMES YOU!

The meeting will begin at 7 PM

AMATEUR RADIO CLUB OF COLUMBIA COUNTY, INC.



GENERAL MEETING

MEETING #119

Tuesday, February 7, 2023

7 PM



INVOCATION

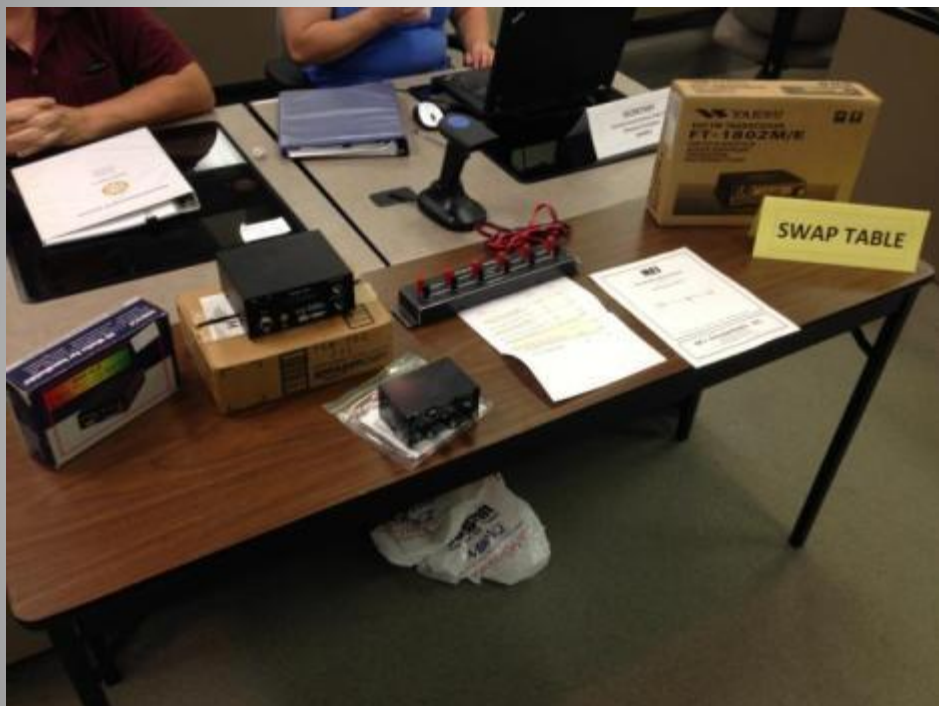


MEETING AGENDA

- Welcome & Introductions
- Presentation: Lou West (K41HNN) – SOTA and POTA
- Membership Applications
- Monthly Reports
- Upcoming Events
- Business Items
- Committee Updates
- Amateur Radio Club of Augusta
- East Central/Columbia County ARES
- AmRRON
- Review Motions and Assignments
- Adjourn

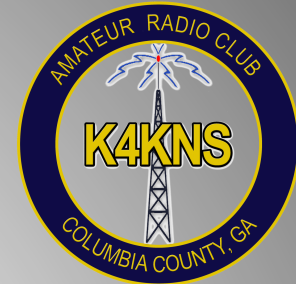


SWAP TABLE



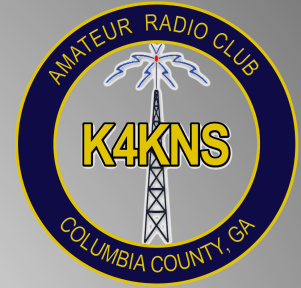
[ARCCC, Inc. Swap, Sell or Trade Page](#)





Welcome and Introductions

- Please Sign In on the Attendance Log
 - Please PRINT Legibly
- Introductions
 - QUICKLY Go Around the Room and Provide Your Name and Call Sign
- Recognize Attendees from Facebook Live



Presentation

Summits on the Air Parks on the Air



Lou West (K4HNNH)

“Every Day is Field Day”



Summits on the Air and Parks on the Air



Lou West – K4HNN

Amateur Radio Club of Columbia County





Summits
on the
Air

Summits on the Air

- Began in 2002 in the United Kingdom
- Amateur Operators attempt to make QSOs from the tops of mountains



Yusef al Rahman – K4KHO (Sassafras Mtn, SC)



K4HNH Yonah Mtn
Activation



Pat Harris – K14SVM (W4C
Manager)

SOTA Speak

- Activator – Person who travels to the summit to work operators not on the summit
- Chaser – Operator who works activators on summits
- Summit to Summit (S2S) – QSO between activators on different summits
- Activation Zone (AZ) – The area around the summit that is within 25m (82ft) vertically
- Association – Area consisting of one or more geographical areas (e.g., states – W4G is Georgia, W4C is North and South Carolina)
- Region – Sub-area of an association
- SOTA Complete – Having worked a summit as both an Activator and Chaser

Courtesy: Richard Dervan – N1RBD

SOTA Basic Info

- Activators must complete four QSOs to activate the summit
- Both Activators and Chasers must submit logs for credit

QSO Exchange

- Activator: Callsign, Signal Report, and Summit Code
- Chaser: Callsign, Signal Report, and QTH

Summit Code (sometimes called the reference or designator)

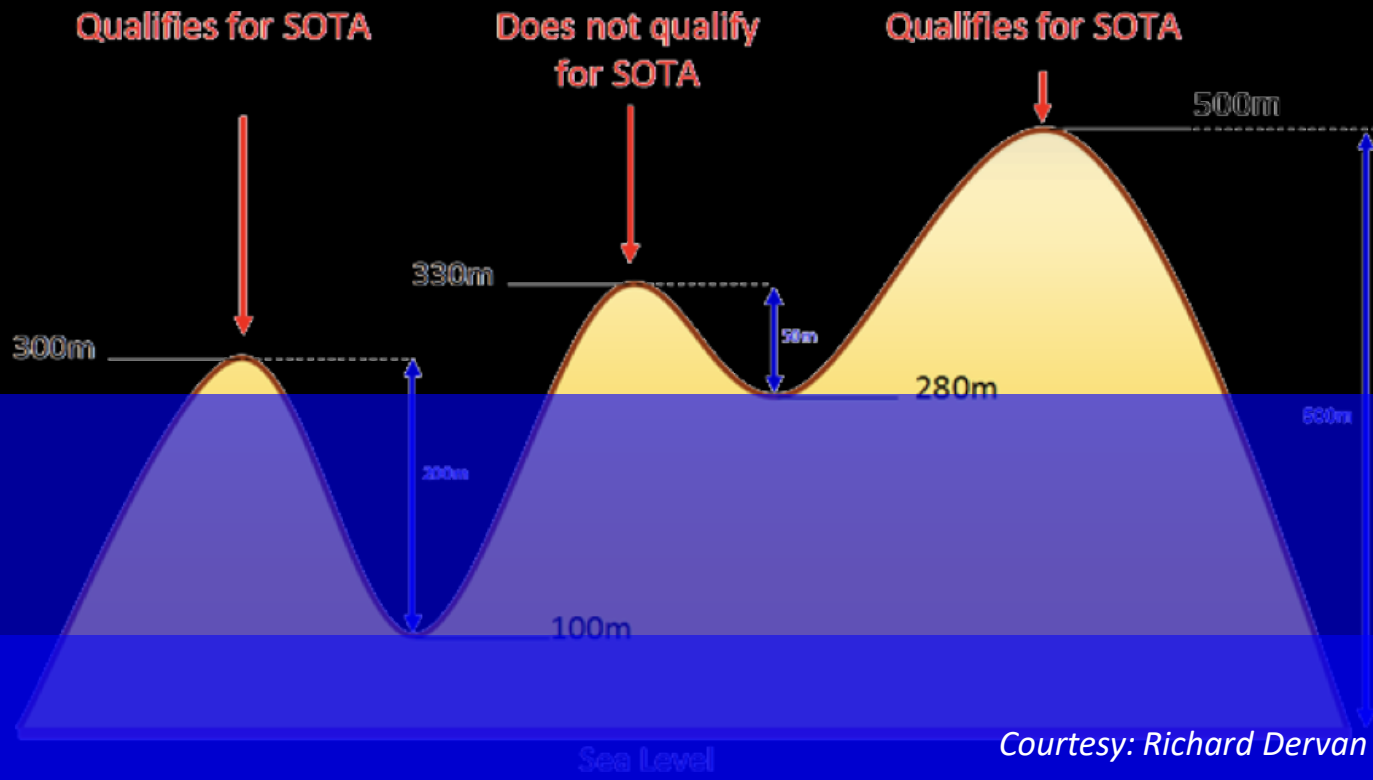
- Has three parts:
 - The SOTA Association (e.g., W4G (Carolinas) or W4G (Georgia))
 - The Region Code (e.g., CE - Central, HC – Historic High Country, NG – North Georgia)
 - The Summit number
 - Summit numbers are based on height of the summit in descending order
 - Example: W4G/NG-001 is Brasstown Bald

RULES

- All modes and amateur radio bands are valid for SOTA
- For Activators
 - Must be within the activation zone
 - You must use legitimate access routes and obtain landowners' permission if necessary
 - Operation from vehicles is not permitted and the method of final access to the Summit must be "person powered", e.g. hiking, mountain biking
 - You must operate from a portable power source (e.g. batteries, solar cells). Fossil fuel based generators are not allowed. All equipment must be carried by you to the summit.
 - At least four QSOs must be made to claim activator points. QSOs through a repeater do not count (satellite is OK). QSOs with others on the same summit do not count.
 - Activator points can only be claimed by the holder of the callsign used on the summit. You need to send in your log to claim your points.
 - You can only claim each summit once in each calendar year.




What is a SOTA Summit?




Courtesy: Richard Dervan – N1RBD

How Do I Find a Summit?

Summits on the Air | Joining In | Online Resources | Associations and Summits | Blog | Contact | About SOTA



GMWS-181 & GMWS-214 - Cam na Nathrach and Slob Mhic Bheathain by GMWS-181




Welcome to Summits on the Air!

SOTA is an award scheme for radio amateurs that encourages portable operation in mountainous areas.

Quick links: [Joining In](#) | [SOTAwatch](#) | [Database](#) | [Summit Listings](#) | [Shop](#) | [Mapping](#) | [Donate to SOTA](#)

New to SOTA?

SOTA has been carefully designed to make participation possible for all Radio Amateurs and Shortwave Listeners - this is not just for mountaineers! There are awards for activators (those who ascend to the summits) and chasers (who either operate from home, a local hilltop or are even Activators on other summits).



Latest SOTA Spots

02:56	JQ3WLQ/3 on JA/HG-012	7,031 CW
02:46	D5SSQS on HL/G8-060	21,210 SSB
02:43	6K5XZE on HL/G8-060	7,171 SSB
02:32	D5SSQS on HL/G8-060	7,171 SSB

SOTA Website: sota.org.uk

SOTLAS 03:05z SR 149 SN 116 K 2 A B

Summit, Callsign, Coords...

Map Summits Spots Alerts More Login

Spots

SOTAwatch RBN

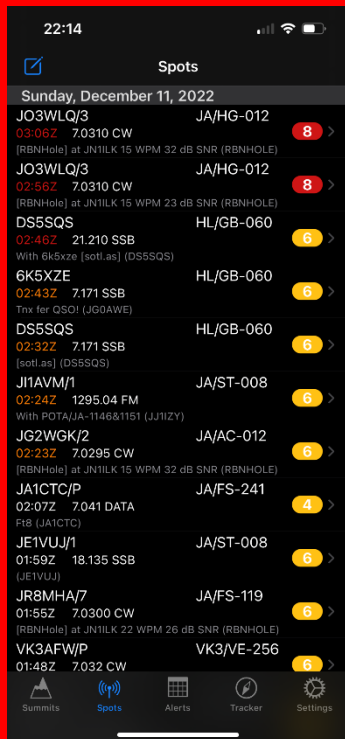
Summit or callsign Bands Modes Continents Clear

Live Feed CONNECTED

Time	Callsign	Frequency	Mode	Summit code	Summit name	Altitude	Points	Act.	Posted by	Comments
02:56z	JQ3WLQ/3	7.031	CW	JA/HG-012	Sankeyanzan	3684 ft	8	4	RBNHOLE	[RBNHole] at JN1ILK 15 WPM 23 dB SNR
02:46z	D5SSQS	21.210	SSB	HL/G8-060	화악산 (Hwaaksan)	3051 ft	6	7	D5SSQS	With 6K5XZE [sotlas]
02:43z	6K5XZE	7.171	SSB	HL/G8-060	화악산 (Hwaaksan)	3051 ft	6	7	JG0AWE	Tnx fer QSO!
02:32z	D5SSQS	7.171	SSB	HL/G8-060	화악산 (Hwaaksan)	3051 ft	6	7	D5SSQS	[sotlas]
02:24z	J11AVM/1	1295.040	FM	JA/ST-008	Takegawadake	3451 ft	6	73	J11ZY	With POTA/JA-1146&1151
02:23z	JG2WGG/2	7.0295	CW	JA/AC-012	Hanareyama	3009 ft	6	3	RBNHOLE	[RBNHole] at JN1ILK 15 WPM 32 dB SNR
02:07z	JA1CTC/P	7.041	DATA	JA/FS-241	Mitsumoriyama	2149 ft	4	1	JA1CTC	FIR
01:59z	JE1VUJ/1	18.135	SSB	JA/ST-008	Takegawadake	3451 ft	6	73	JE1VUJ	
01:55z	JR8MHA/7	7.030	CW	JA/FS-119	Ikusayama	2831 ft	6	1	RBNHOLE	[RBNHole] at JN1ILK 22 WPM 26 dB SNR
01:48z	VK3AFW/P	7.032	CW	VK3/VE-256	VK3/VE-256	3051 ft	6	5	VK3AFW	QRT TU chasers
01:42z	J11AVM/1	1295.040	FM	JA/ST-008	Takegawadake	3451 ft	6	73	J11ZY	With POTA/JA-1146&1151
01:42z	RBNHOLE/2	7.030	CW	JA/FS-119	Ikusayama	2831 ft	6	4	RBNHOLE	[RBNHole] at JN1ILK 22 WPM 20 dB SNR

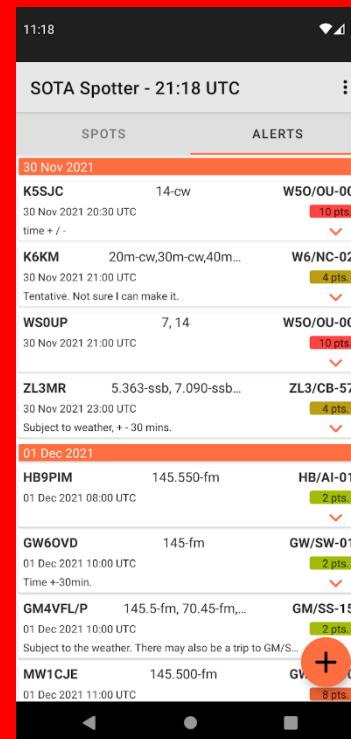
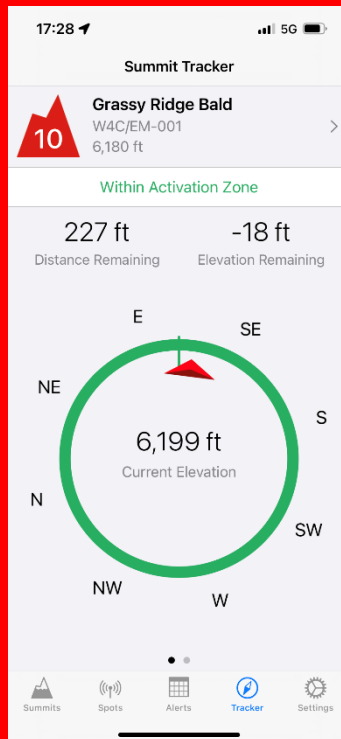
SOTA Atlas: sotl.as

Apps

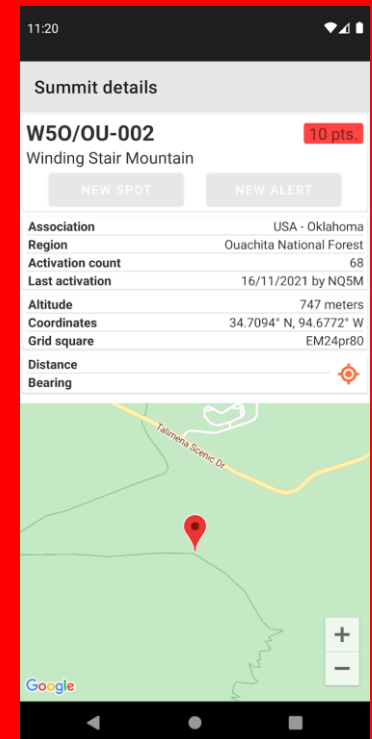


SOTA Goat (iPhone)

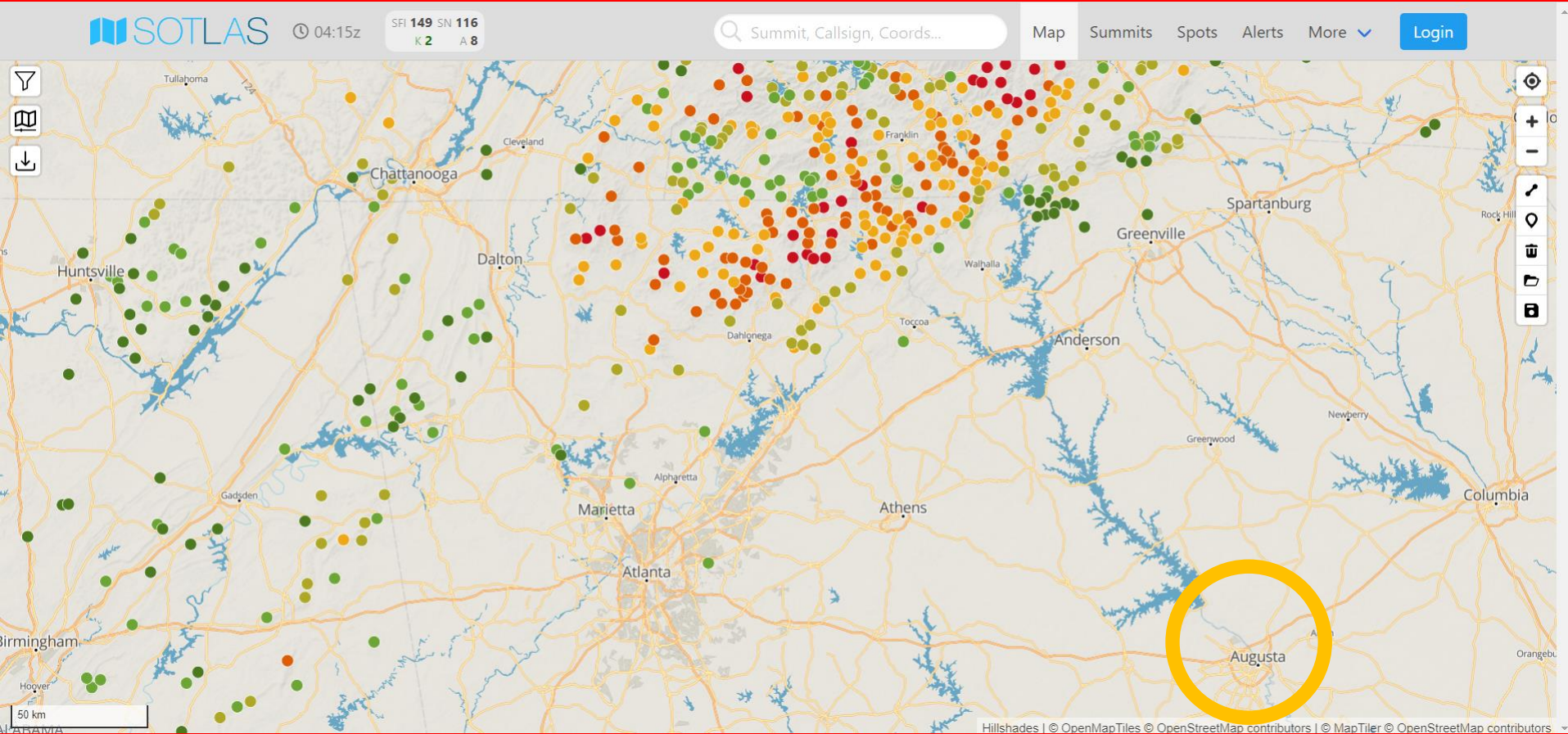
SOTA Goat lets you know if you're in the activation zone



SOTA Spotter (Android)



Summits Near the CSRA



AWARDS

Activator Points

Chaser Points

Uniques (Chaser or Activator)

Mountain Hunter/Explorer

Summit to Summit

SOTA Completes

- *Summit Points are based on relative height*
- *Both Activators and Chasers must submit logs to accumulate points*



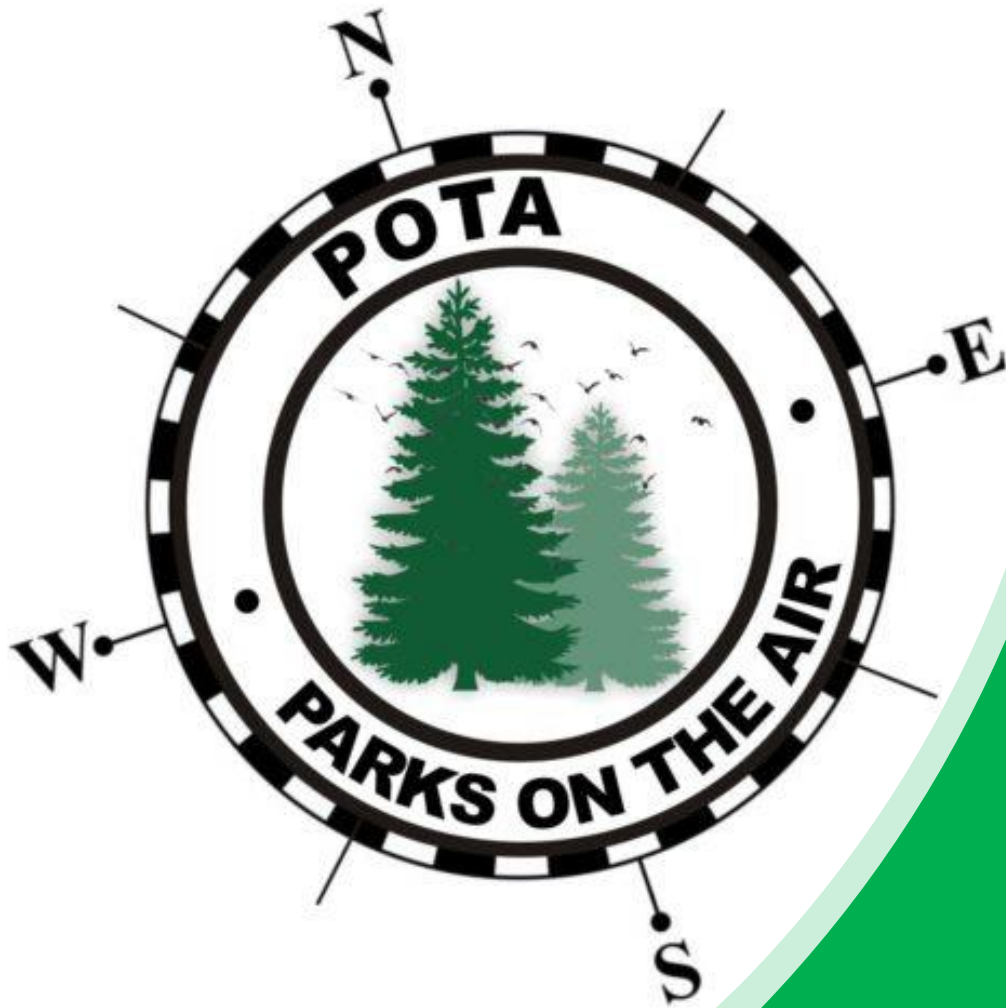
Activators – Mountain Goat



Chasers – Shack Sloth

Equipment Considerations

- Radio: SWAP – Size, Weight, and Power
 - Most SOTA Activators run QRP CW
 - LiFePO4 Batteries
- Antenna: Limitations
 - May be no trees
 - May have limited space
 - EFHW, Dipole, Small Loop (e.g. Chameleon Tactical Delta Loop)
 - Collapsible fiberglass mast
- Logging
 - Paper
 - Electronic



Parks
on the
Air

Parks on the Air

- Origins in 2016 ARRL National Parks on the Air (NPOTA) Event
- POTA Program began in 2017



KN4VKW, KN4VKX, KN4VKY, KE8PZN
K-1964, John Bryan State Park (OH)



K4HNN & KQ4CRY
K-1880, Honeymoon Island State Park
(FL)



KI4ASK
K-0636, Jekyll Island State Park (GA)

POTA Speak

- Activator – Person who travels to a park to get on the air
- Hunter – Operator who works activators in parks
- Park to Park (P2P) –QSO between activators in parks (can be the same park)
- Reference: The alphanumerical code assigned to POTA entities (e.g., K-2191 in the US)

Courtesy: Richard Dervan – N1RBD

SOTA Basic Info

- Activators must complete ten QSOs for to activate the park
- Only Activators submit logs

QSO Exchange

- Activator: Callsign, Signal Report, and Park Reference
- Chaser: Callsign, Signal Report, and QTH

Park Reference

- Has two parts:
 - The POTA Entity (e.g., K (United States) or VE (Canada))
 - The four-digit park number
 - Example: K-7893 is the Augusta Canal National Heritage Area

RULES

- All modes and amateur radio bands are valid for POTA
- For Activators
 - Must be within the park boundaries. For trails, must be within 100'
 - You must use legitimate access routes and comply with park regulations
 - Operation from vehicles is permitted
 - At least ten QSOs in a UTC day must be made to claim a park activation
 - QSOs through a repeater do not count; satellite QSOs are valid
 - QSOs with others in the same park are valid
 - Activations can be claimed by the holder of the callsign used in the park or, if a club call is used, by both the activator and the club
 - You can activate parks for credit as often as you like; no calendar year restriction

How are Parks Determined?

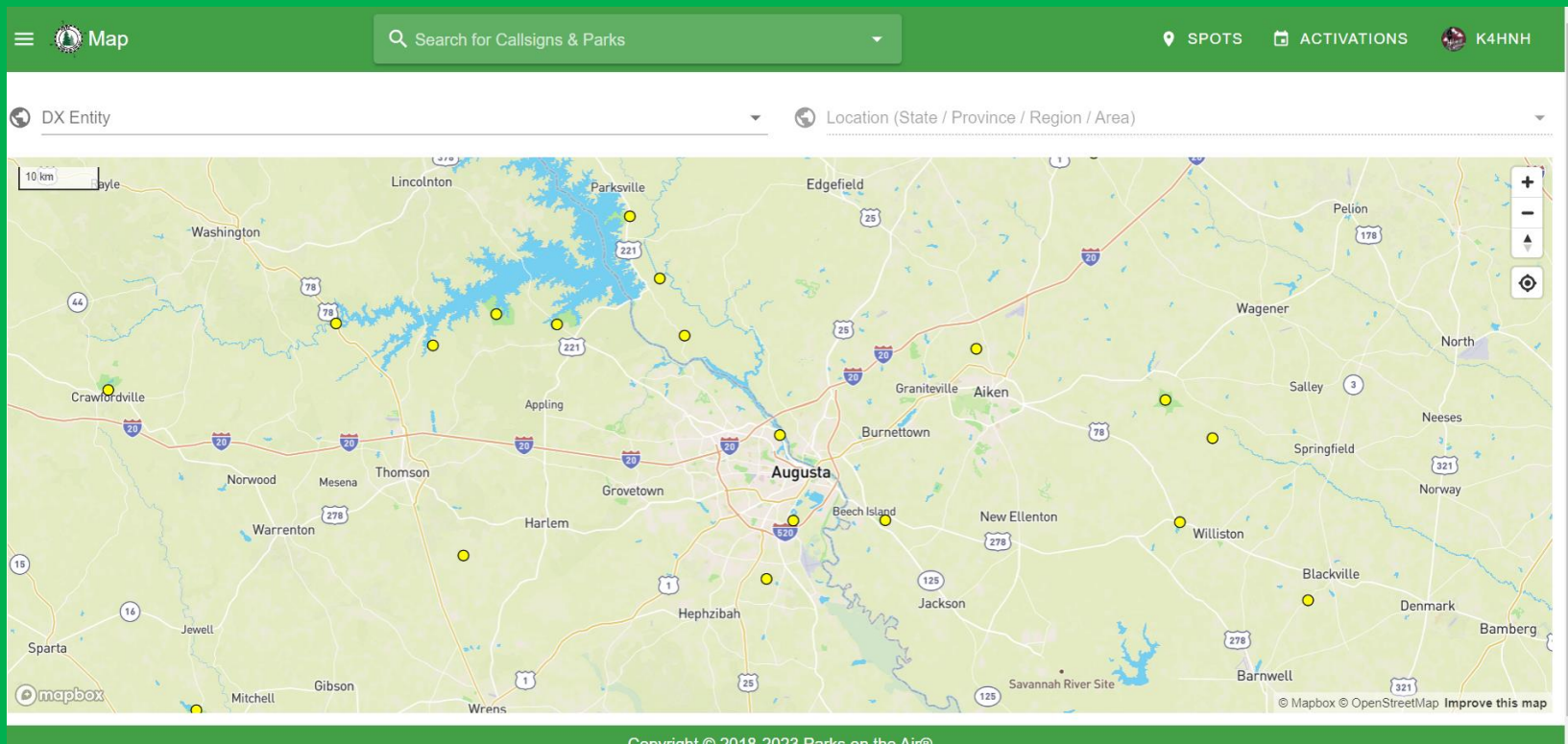
- National Parks, Monuments/Historical Areas, National Battlefields, Forests, State Parks, National Wildlife Refuges, State Wildlife Management Areas, National Trails
- No municipal or “local” parks
- Volunteer map representatives have oversight
 - Georgia – Claude Ray AC4SH
 - South Carolina – John Satterfield KK4JS
- Georgia: 203 POTA entities
- South Carolina: 151 POTA entities

How Do I Find a Park?

POTA Websites

parksontheair.com

pota.app



AWARDS

Too Many to Mention!



Equipment Considerations

- Radio: SWAP – Size, Weight, and Power
 - How much are you willing to carry?
 - Most POTA Activators run QRO
 - LiFePO4 Batteries
- Antenna: Fewer Limitations than SOTA
 - May be no trees
 - May have limited space
 - EFHW, Dipole, Small Loop (e.g. Chameleon Tactical Delta Loop)
 - Collapsible fiberglass mast
 - Portable vertical
- Logging
 - Paper
 - Electronic

Logging

- HAMRS
 - N1MM
 - N3FJP
 - Log4OM
 - POTALog
 - Pencil and Paper!
-
- Submit logs in ADIF online at the applicable website

Georgia Parks on the Air Event

- April 1-2, 2023
- Goal: Activate every Georgia State Park

For more information:

- Georgia Ham Radio Portable group on Facebook
- Website:
<https://georgiastateparksontheair.godaddysites.com/>





Special Thanks
for
Assisting with this Presentation

Richard Dervan N1RBD
SOTA Goat Achieved
North America #170
December 02, 2022

QUESTIONS?





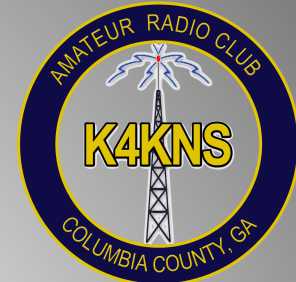
UPCOMING EVENTS

- 02-10/12-2023 Orlando Hamcation!
- 02-18-2023 ARCA Winter Tailgate!
- 02-25-2023 Dalton Hamfest!
- 03-07-2023 ARCCC, Inc. March General Meeting
- 03-10/11-2023 Charlotte Hamfest!
- 03-11-2023 Columbia County VE Test Session
- 03-18-2023 Sevierville Hamfest (TN)!
- 04-01/02-2023 GA POTA Activations
- 04-04-2023 ARCCC, Inc. April General Meeting
- 04-08-2023 Columbia County VE Test Session
- 04-15-2023 W4RRC – Batesburg/Leesville Tailgate (Shealy's BBQ)!
- 04-22-2023 Columbia County Prepare and Aware Day



MEMBERSHIP APPLICATIONS

Are there any ARCCC, Inc. Membership Applications for consideration?



ARCCC, INC. MONTHLY REPORTS

Amateur Radio Club of Columbia County

Printed on 2/7/2023
update 31 January 2023

Treasurer's Report

- Update from Treasurer
- Finance Committee per Bylaws
 - Current Treasurer
 - Recommend at least 2 Members
 - Additional Updates

Secretary's Report for January 3rd, 2023 meeting:

- [01-03-2023 Meeting Minutes](#)

CHECKBOOK SUMMARY

VE ACCOUNT		AMOUNT
9695 - VE Account		\$1,412.09
ARCCC ACCOUNTS		AMOUNT
7513 - Main Account		\$5,465.83
4913 - Pay Pal Account		\$992.00
Pending Transfer from PayPal		\$ 1,967.88
Petty Cash - Treasurer		\$160.00
Petty Cash - Asset Committee		\$0.00
Pending Deposit - Checks		\$0.00
Pending Deposit - Cash		\$0.00
TOTAL AMOUNT		\$8,585.71
Less Commitments		
TOTAL AVAILABLE FUNDING		\$8,585.71



AmazonSmile

Support Amateur Radio Club Of Columbia County Inc.

When you shop at **smile.amazon.com**,
Amazon donates.

Go to smile.amazon.com

amazonsmile

\$34.64 was donated to ARCCC,
Inc. on November 19, 2022

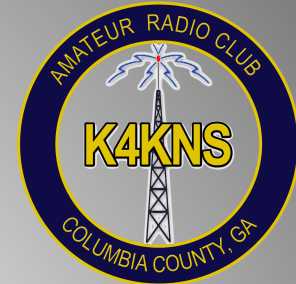
- Log into <https://smile.amazon.com/>
- Select the Amateur Radio Club of Columbia County, Inc as your charity



Your current charity
Amateur Radio Club of Columbia County Inc
has received

\$1,040.85

as of November 2022



Club Callsign Badges

**Amateur Radio Club of
Columbia County, Ga
Name Badge**



ARC of Columbia County, Ga
Badge price \$12.50

The SignMan *of Baton Rouge*

Order at this link:

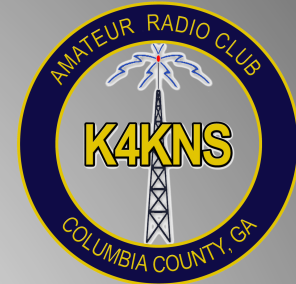
<https://thesignman.com/clubs/columbiacogacart.html>



Business Items

- **Membership Dues are Due in March**

Is there any other business to bring before the club?



COMMITTEE UPDATES

Directors provide QUICK UPDATES on their committees

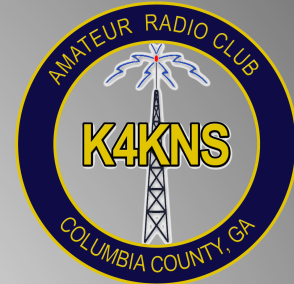
- IT
- Repeater
- Net Control
- Volunteer Examiner
- Constitution and Bylaws
- Field Day
- Asset/Inventory
- Nomination

- Chaplain and Visitation
- Fundraising
- Mentoring
- Outreach

Appointed Positions:

- K4KNS Trustee
- Public Information Officer
- QSL Manager





Winter Field Day

January 28th & 29, 2023

- Shannon Covington (KK4MED) – Co-Director
- Bill Clark (WK4F) – Co - Director
- ARRL Field Day will be June 24-25, 2023

K4KNS's Contest Summary Report for WFD
Created by N3FJP's Winter Field Day Contest Log
Version 2.8.5 www.n3fjp.com

Total Contacts = 441

Total Points = 7,428

Operating Period: 2023/01/28 19:01 - 2023/01/29 15:33

Total op time (breaks > 30 min deducted): 13:46:02

Total op time (breaks > 60 min deducted): 15:54:11

Avg Qs/Hr (breaks > 30 min deducted): 32.0

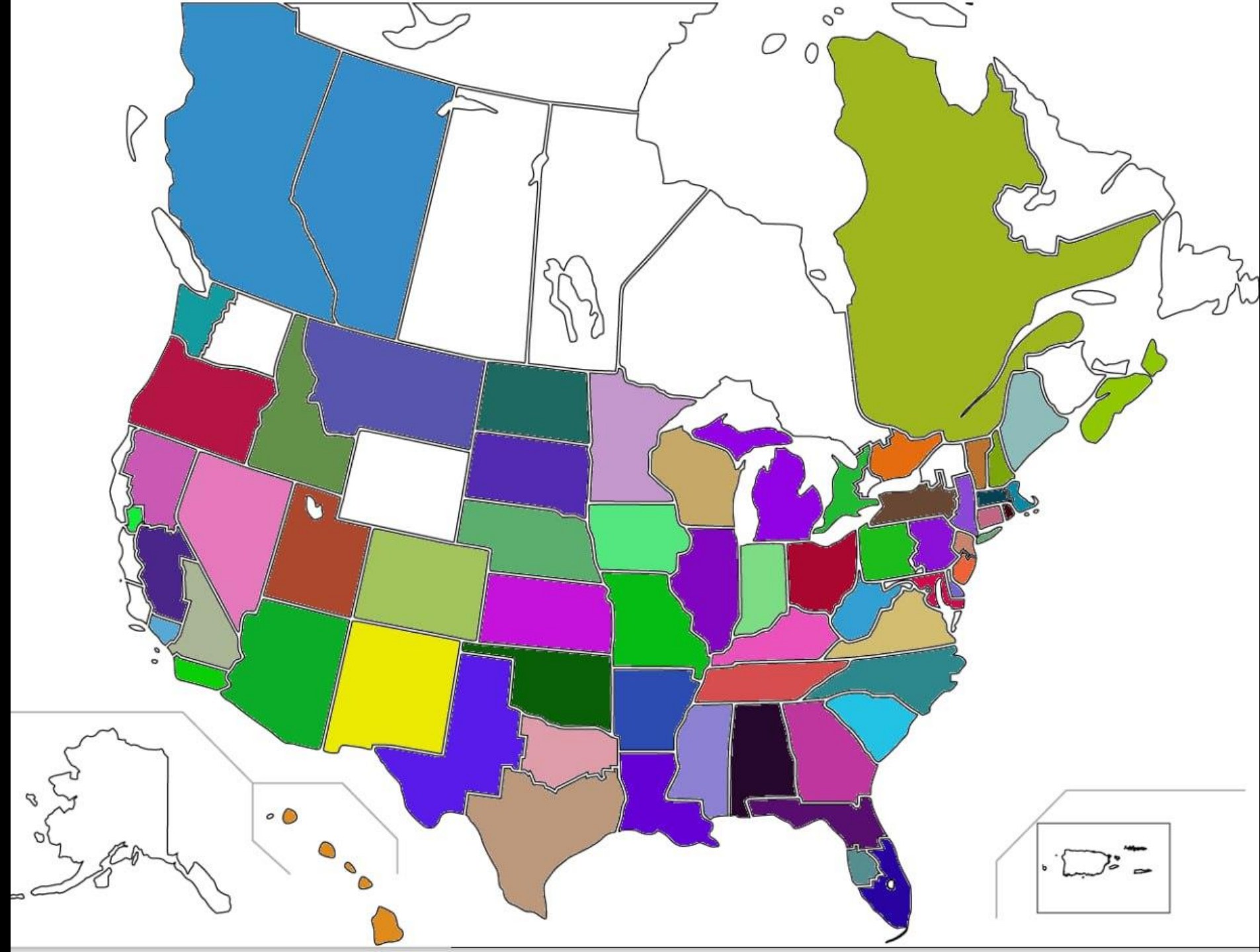
Total Contacts by Band and Mode:

Band	CW	Phone	Dig	Total	%
----	--	-----	---	-----	---
80	8	6	6	20	5
40	77	192	9	278	63
20	48	34	16	98	22
15	14	15	0	29	7
10	0	16	0	16	4
	--	-----	---	-----	---
Total	147	263	31	441	100

Total Contacts by Operator:

Operator	Total	%
-----	-----	---
KO4FFA	142	32
AA5JF	131	30
KK4RFL	35	8
K1OYQ	26	6
WA1EAW	26	6
AE4GX	15	3
KK4MED	13	3
KC4KPN	9	2
KO4UWM	9	2
N4MI	7	2
WK4F	7	2
KO4LDS	6	1
KO4HLC	5	1
NO3K	5	1
N8PPZ	4	1
	1	0

Total = 15



Amateur Radio Club of Augusta



ARCA General Meeting

February 21, 2023 7:00 PM - 9:00 PM
POB-1 (formerly H2U) Building

Dr. Andrew Goss (AA5JF)

w4dv.club

Amateur Radio Club of Augusta

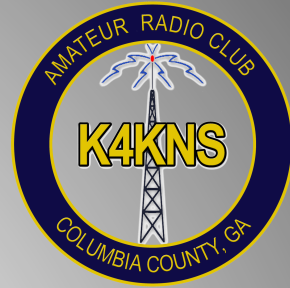


ARCA April General Meeting
April 18, 2023 7:00 PM - 9:00 PM
POB-1 (formerly H2U) Building

Bob Heil (K9EID)

w4dv.club

East Central/Columbia County ARES



Susan Messick, WA0B
Columbia County GA ARES EC



AmRRON

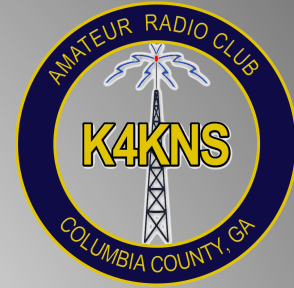


AmRRON



**The American Redoubt Radio Operators Network
and The American Preparedness Radio Network (TAPRN)**

Steven Kitchings, KN4RVU



REVIEW

- Review motions and assignments
- We would welcome your presentations and ideas for presentations.
- Is there a motion to adjourn the meeting?



THANK YOU!!!