

Atlanta Ham

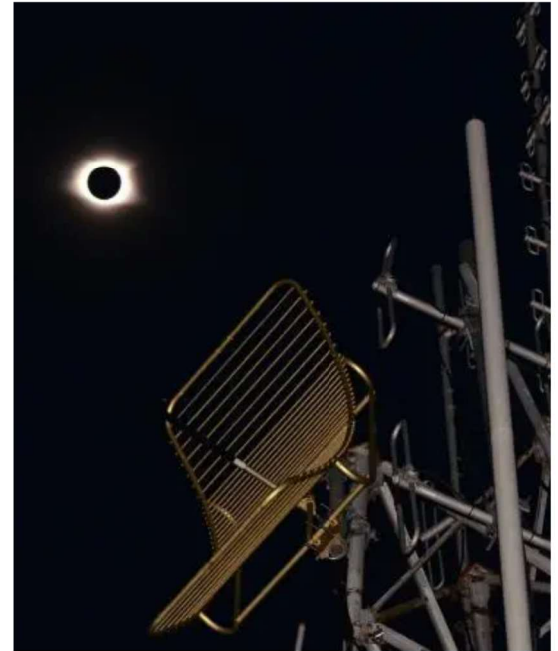
THE OFFICIAL BULLETIN OF THE ATLANTA RADIO CLUB W4DOC

OCTOBER 2023

October eclipse practice run for 2024

Every year or two, the solar system lines up just right, with the moon casting a shadow over part of Earth's surface and blocking out the sun—a solar eclipse. In 2017, people across the United States flocked to see the "Great American Total Eclipse", which was the first one visible in the continental states since 1979. Now, eclipse chasers and citizen scientists across North America are getting ready for the next big events: an annular eclipse on October 14, 2023 and a total eclipse on April 8, 2024. This will be the last eclipse visible in the continental US until August 2045, more than two decades away.

People love eclipses for the novelty—how cool it is to see the sun disappear in the day. But these phenomena are both showstoppers and opportunities: a groups of radio astronomers and citizen scientists like Radio JOVE and HamSci are aiming to capitalize on the upcoming eclipses for science, part of NASA's "Helio Big. *continued page 3 ...*



Upcoming October Club Activities

Laurel VE Testing 10/8/2023

ARC, through The Laurel VEC, provides free license testing.
Where: PDK Airport Chamblee
Angel Flight Room
When: 12 Noon
www.atlantave.team

2nd Sunday Outing 10/8/2023

The ARC is back at it again out at Brook Run Park, playin' radio.
Where: Brook Run Park
When: 2P-dark
What Three Words App
[///steamed.guides.team](http:////steamed.guides.team)

POTA Outing 10/28/2023

Georgia POTA Fall Sprint
W4DOC Club Activation
Chattahoochee River K-0662
Where:Abbotts Bridge Park
When: TBA (Event:10A-2P)
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For more info on these activities...www.atlantaradioclub.org or check our Facebook page

**Join us for Lunch every Friday 12:30P Mellow Mushroom
Brookhaven**

&

Breakfast @ Goldbergs Toco Hill Shopping Center 730AM

Saturday 10/14

ARC 2023 ARRL Scholarship Announced

This award is sponsored by Atlanta Radio Club

Congratulations to Jordon Posey KN4SKY of Newnan! Jordon was the winner of the ARRL scholarship funded by ARC. Jordon was introduced to amateur radio through Boy Scouts, after earning his Radio Merit Badge. After graduating high school, he became a 911 dispatcher for Fayette County, GA. Lynn Bianco, a member of the Fayette County ARC, volunteered his time helping answer calls and work the radio during busy times.



Working at a 911 center also helped develop his interest in meteorology. They used GRLevelX to monitor severe storms, and he learned about an upcoming Skywarn class being offered at another agency. Jordon soon had his Skywarn certification.

"Lynn helped mentor me when it came to radio, and I decided to take the Technician exam in 2017" Jordon said. He began joining

the weekly Echolink net, and soon bought his own gear. As he continued to learn he eventually earned his Amateur Extra license in 2019. "FT8 has revolutionized the hobby, but I also enjoy operating on less popular modes such as RTTY and SSTV. I've been learning some CW, but my speed still leaves a lot to be desired" Jordon joked.

Currently working towards a Bachelor's Degree in Information Technology at Georgia Southern University. In between classes, Jordon is working on obtaining industry certifications. Amateur radio concepts have come up during his studies. For example, the concepts of half and full duplex were already familiar to me when we covered them in my CCNA course.

Jordon has an IT internship planned for Summer 2024 and his ultimate goal is to become a network engineer. "I'm excited to see where the hobby and my new skillset will take me" Jordon commented.

Once again, congratulations and best wishes in school.

The Atlanta Radio Club

227 Sandy Springs Place Suite D-306

Atlanta, GA 30328

www.atlantaradioclub.org

www.w4doc.org

Officers / Directors

President Bill Perkins KB4KFT

Vice Pres John Talipisky Jr N3ACK

Secretary Ed Beville KO4SRJ

Treasurer Ed Beville KO4SRJ

MAL Rob Osattin KI4UTY

MAL Val Bruce WD4EX

FM Repeaters

146.820 (-)

(IRLP Node 4550)

224.340 (-)

444.825 (+)

All three repeaters require a tone of 146.2 Hz.

D-Star Repeaters

(Bank of America Tower)

145.350 (-0.6 MHz) W4DOC C

440.600 (+5.0 MHz) W4DOC B

1282.60 (-12 MHz) W4DOC A

1297.625 (Data) W4DOC D

D-Star on Stone Mountain

(Joint ARC/GA ARES)

144.960 (+2.5 MHz) WX4GPB C

440.700 (+5.0 MHz) WX4GPB B

1282.700 (-12 MHz) WX4GPB A

1297.125 (Data) WX4GPB D

DMR

440 MHz

444.825

(+5.00 MHz)

Color Code 10

Repeater Managers W4DOC

Stephen Slider, KG4PTO WX4GPB

Robin Cutshaw, AA4RC

Continued from page 1...

The October 14th annular eclipse will be used as a training, learning, and testing experience in an effort to achieve the highest quality data for the 2024 total eclipse. Right now, participants are prepping for a full day of observing, gathering data to have a baseline of the sun's influence on a normal day, which they'll compare to the upcoming eclipse data.

Radio JOVE "initially started as an education and outreach project to help students, teachers, and the general public get involved in science," explains project co-founder Chuck Higgins, inspires the average citizen to learn and get involved. Radio Jove has made a \$200 kit available to those who wish to participate. For Hams there is HamSci (Ham Radio Science Citizen Investigation) The aim of the HamSci event: How does the ionosphere couple with the neutral atmosphere and with space? How do solar eclipses impact ionospheric structure and dynamics? It's a little late to order the JOVE kits for this October, but if interested you can check them out at <https://radiojove.net/kit>. Fortunately for Hams, we already have much of what we need in our own shacks.

Check out the HamSci page to see details on their contests for the upcoming event which include SSB, CW, FT4, FT8, WSPR, and other modes...<https://hamsci.org/contest-info> Citizen science projects such as HamSci and Radio JOVE not only collect valuable data, but they also involve a new crowd in NASA's scientific community.

Don't forget to order your
Club badge through Signman of BatonRouge
2 great options available



www.thesignman.com/clubs/atlanta.html
www.thesignman.com/clubs/atlantaold.html

ARC Supporting/Vendor for 40+ Years!

October 2nd Sunday outing

The subject says it all... mostly. Like always we want to get out on a Sunday afternoon and play radio, practice portable operations, test antennas, and, in general, play radio while we can. Soon it will be winter and often too cold/cool to get out much in the afternoon. That's not to say we won't do Winter Field Day in 2024... but that is a posting for another time.

So, let's get together Sunday, October 8th, for some outdoor radio fun. Seems Brook Run Park in Dunwoody is a good location for a lot of folks, so we'll do it there. If you have a radio you want to try bring it out and we'll get it on the air. Same for antennas (within reason), we can get most any simple dipole or vertical up if it does not require extensive construction. There is not AC power on site so everything is battery, good news is we have lots of batteries and can adapt to all sorts of power connectors.

There will also be radios there, in use, so if you want come and just hang out for a bit come on and hang out for a while. *continued page 4...*

Tech-tip: If you'd like to jump into an ongoing conversation, avoid using the word break; instead, say your call sign between their transmissions. Usually they will acknowledge you and allow you to join in.

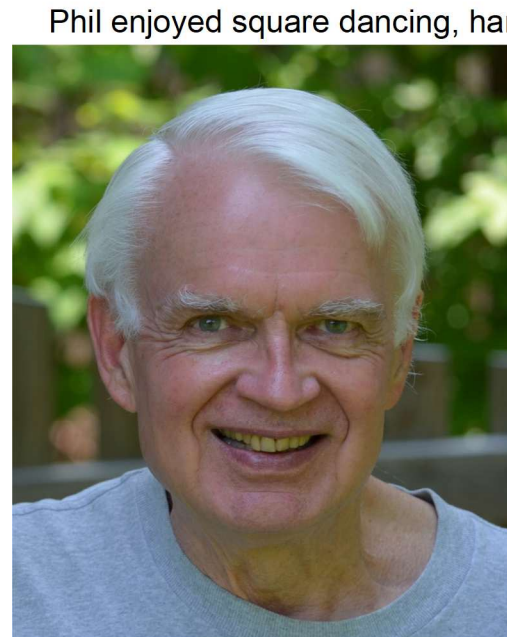
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Silent Key: Phil Pflueger W9TEY

Phillip "Phil" George Pflueger W9TEY, of Marietta, Georgia passed away on Sunday, September 10, 2023. He was born on December 12, 1941 in Elgin, Illinois, survived by his sister Judith M. Collins (William E. Collins) and his significant other Patricia Rau. He was preceded in death by his parents, Charles Pflueger and Mary (Siirila) Pflueger.



Phil enjoyed square dancing, ham radio, tinkering with electronics and refurbishing old computers. He was also a member of various local Amateur Radio clubs. He was an electrical engineer working for Sylvania, Calspan, Georgia Tech and other corporations. He was a graduate of University of Illinois, Urbana-Champaign and received his Masters degree in Electrical Engineering from University of New York, Buffalo.

Phil will be loved and missed by all that knew him.

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Snacks, soft drinks and bottled water will be available.

Here are the details

Brook Run Park
4770 North Peachtree Road
Dunwoody, GA
2pm till dark

What Three Words:
///steamed.guides.teams

We usually meet at the little pavilion just uphill from the "T" intersection at the center of the park at "Georgia Way S" and "Georgia Way N"

BTW, if you have not looked at the mapping app "What Three Words" you should check it out.

The club is also planning a day out for the POTA statewide event planned for October 28th. More details on that later.

A visitation for Phil was held Monday, September 18, 2023 from 11:00 AM to 1:00 PM at Winkenhofer Pine Ridge Funeral Home. A graveside service followed the visitation at 1:00 PM at Pine Ridge Memorial Park, 2950 Cobb Parkway North, Kennesaw, Georgia 30152.

Fond memories and expressions of sympathy may be shared at www.winkenhoferpineridgefuneralhome.com for the Pflueger family.



stonemountainhamfest.com

November 4&5 2023

ARES Volunteer Opportunity - 2023 Invesco QQQ Thanksgiving Day Half Marathon, 5K, Mile & Dash

Thank you to everyone for any past ARES service with Atlanta Track Club events. We have another upcoming opportunity to practice our emergency communication skills. The Atlanta Track Club's QQQ Invesco Thanksgiving Day Half Marathon is in need of about a dozen amateur radio operators to assist with communications for the event. Sign up links are provided below. Note that you must enter the password "ham2023" at the top of the page to see the positions! Most importantly these events are a great experience to practice using your radio and communication skills more than your local NETs can provide so please consider helping!

This event needs the following positions:

- SAGs will ride in an Atlanta Track Club van. You must provide a magmount, window, or any type of external antenna along with a mobile radio. Digital is preferred but not required. A driver will be provided. (Some SAG volunteers may be assigned to Cone Trucks -- the trucks that deploy and retrieve the cones on the course. Same requirement of mobile radio with external antenna applies.)
- Hydration Stations (aka Aid Stations) will be stationed at the water stops along the course. An HT with ear piece is strongly encouraged.
- Shadows must be able to follow an assigned Atlanta Track Club official the entire event. This requires lots of standing and light jogging is required.

Shifts will be on Thanksgiving Day (Thursday, November 23) starting between 0500 and 0700 and end by 1200 so you have plenty of time to go enjoy your family's feast!

Course is in the Georgia State Centre Parc Stadium area (site of the former Atlanta Braves stadium and Turner Field)

Sign up at: <https://atlantatrackclub.volunteerlocal.com/volunteer/?id=78317>

(remember to enter the password "ham2023" to see the Ham Radio position)

The first draft of the assignments and frequencies will be distributed about 10~14 days before the event. But rest assured -- if you sign up, you'll get an assignment.

Thank you, again, for your service, and we look forward to hopefully working with you.

Additionally, we are still in need of about 6 more volunteers for the PNC 10 miler in October and are about a month out! If you have not signed up the link is here with the same password (ham2023) and shifts are slightly shorter since it is a 10 miler and not a half marathon. <https://atlantatrackclub.volunteerlocal.com/volunteer/?id=77583>

Elliot Dennis KK4LUK

HAM RADIO OUTLET

COMMUNICATIONS CATALOG

SPRING/SUMMER 2023

BE ADVENTUROUS!

WORLDWIDE DISTRIBUTION

YAESU



FT5DR
Dual Band
FM + C4FM
Touchscreen
Page 22

FTM-500DR

Dual Band
Front Speaker
FM + C4FM
Page 18



FT-710
100W HF/50MHz
AES Speaker System
Multi Function Touchscreen
Page 16

GUIDE: www.hamradio.com | **DESTINATIONS:**



ANN ARBOR, MI 800-854-6088 | ATLANTA, GA 800-444-7127 | DALLAS, TX 800-444-3476 | MIAMI, FL 800-338-0411

NEW CASTLE, DE 800-444-4476 | PHOENIX, AZ 800-858-7388 | PLAZA, TX 877-493-9750 | PORTLAND, OR 800-785-3267

SACRAMENTO, CA 877-893-1766 | SALT LAKE, UT 800-444-0047 | WINTER SPRING, MO 800-327-1917 | WINDSOR, CO 800-444-8799



VOLUNTEERS ON THE AIR 2023

As announced in the January 2023 issue of QST, ARRL is celebrating a year-long operating event honoring all ARRL volunteers: Volunteers On the Air.

In similar fashion to the 2014 ARRL Centennial Celebration, and the 2018 International Grid Chase, this event will be exclusively driven only by QSOs uploaded to Logbook of The World (LoTW).

Highlights of the event include:

*Earning Points for contacting W1AW Portable Stations: There will be week-long activations of portable W1AW/# stations in all 50 states, and in several US Possessions/Territories, that will generate on-air activity to earn points.

*Contacting ARRL Volunteers or Members on the air: ARRL Officers, Directors, Section Managers (and their appointees), Staff, and even Members domestically (and DX) can be contacted for points. See the POINTS TABLE for the full list of points.

*Using Logbook of the World (LoTW – see <http://www.arrl.org/logbook-of-the-world>) as the QSOs data source, the 2023 Volunteers On The Air event features W1AW activations from all 50 states (twice) and several territories during 2023. Weeks will begin on a Wednesday and end on a Tuesday. Some weeks will be shown as off weeks to avoid other major operating events.

*Participants will work W1AW portable stations and ARRL volunteers (see links in dashboard at top of this page) to earn QSO points.

*Participants do not need to upload to, or participate in LoTW. Uploads to LoTW by W1AW portable stations and by the volunteers will feed the points scoring system.

[Participants are not required to be ARRL Members.]

A Leader Board will be activated after the event ramps up, and Certificates will be available during and after the event concludes. Once the year is completed, a final summary will be released.

Georgia on schedule for the upcoming week

**The ARRL W1AW/4 -
Volunteers on the Air - Special Event
11-17 October From 0000 Zulu to 2359 Zulu
(Last update - 10/05/2023 @ 1500 Zulu)**

In a nutshell, the ARRL's theme for 2023 is "Year of the Volunteers". To celebrate that Georgia has one, 1-week period, left to get on the air to make contacts using the ARRL call of W1AW/4.

You or your club can sign up and use the call of W1AW/4 to make as many contacts as you can giving others 5 points per band per mode. OR you can operate using your own call to contact as many ARRL staff, elected, and appointed officials all the way down to just ARRL members to collect points

Here is a Google Document with info about how hams in Georgia can get on the air and operate using the call sign, W1AW/4

https://docs.google.com/document/d/1oeH7fhQ2_G7W4JR3kpL4gACFuXC5mJ9jGnQ9aC2k1Ak/edit?usp=sharing

How to request time slots, and Setup/Demo that help explain the event, how to request time slots, and what a filled-out page would look like...

<https://docs.google.com/spreadsheets/d/1Q9UFWp4eoNpXc0NDQm6d9OWVytPY3SekI8esYoKEDI/edit?usp=sharing>