



FEEDBACK



Web Site k3dn.org

Warminster Amateur Radio Club

November 2022

Next Meeting November 3rd - ARRL Night George W3GWM

President's Message

Hello fellow members,

November is here, the leaves are turning, and contest season is upon us. If you are a contester please see this month's QST magazine. They have an insert of all of the upcoming contests. The holiday season is fast approaching. Thanksgiving will be here in a few weeks, with the Christmas season fast on its heels. This month we will hear from the ARRL and every presentation Mr. George Miller gives is very informative. The ham bands have been wide open. The 10 meter band has been bouncing all over the world. I enjoy working the 10 meter band because that is where you will find new hams exercising their Technician privileges. It is always so satisfying to me hearing their excitement when they make a contact. I never forgot where I started and how I felt when I was able to make a contact and of course a DX contact. This is what Amateur Radio is all about and we should do what we can to keep this great hobby going well into the future. As I said, all of the bands are open and I have made some great contacts in Africa, Asia, and other places. If you can make the time to operate your radio, you will be rewarded.

Starting with this month's meeting we are resuming refreshments. Please come out and enjoy the comradery with our fellow club members. Always great to talk to old friends, new friends, and meet our new hams.

Hope everyone has a very Happy Thanksgiving and please be safe in your travels.

Ray – KA3TRU

Warminster ARC General Meeting October 6, 2022

Called to Order 7:40pm

Attendance:

Introductions: Hybrid meeting with 14 on ZOOM and 16 In-person attendees.

Minutes from last Meeting:

Motion made and seconded to approve as submitted.

Committee Reports:

Treasurer's Report: Tom (K3PLA) *As given*

Programs: Dave (KC3RAT)

October- *Nothing Planned*

November- *ARRL Zoom Meeting*

December- *No holiday dinner. Working on getting Mr. Eric Fleisher from Craven Hall to speak on Bucks County History.*

Membership: Tony (W3FLH) *140 total members with 117 in good-standing.*

Public Service: George (N3HBT) *Monday Oct 10, Five Ponds Golf Outing, 8:30am to 2:00pm. Enough radio operators have been secured for the event.*

Classes: Dan (K3GMQ) & Dave (KC3RAT) *Pending (Fall 2022): Starting November 14, every Monday for eight weeks. Planning on having the students ready for VE testing (Tech) in January 2023.*

VEC Testing: Larry (WA3ELQ) *Next session: October*

General Class: *A free, weekly, live, Amateur Radio General Class Licensing course on Zoom will begin on Thursday, Oct 27 and will run through Thursday, January 5. There will be nine sessions, with*

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two breaks for holidays. These three-hour sessions will start at 6:30 PM ET Sessions will be recorded. These are the classes that we have been holding for years sponsored by the National Electronics Museum. Those wishing to sign up should email:

roland.anders@comcast.net

Repeater: Brian (N3EXA) *Everything is functioning well. ECHO Link is working.*

Still looking for center city Phila. RX location.

Good and Welfare: Ken (K9KJL) *Condolence card sent to Tony Simek (N3YNH) for the passing of his wife.*

Other Committees:

Radiosport: Irwin (KD3TB) *Next to last weekend of October- Boy Scout Jamboree*

Third week of October, entire week is school round-up.

This weekend is the PA QSO party.

Last weekend of October is worldwide CW contest.

Hamfest: Tony (W3FLH) *No Report*

Field Day: **NEW CHAIRPERSON NEED !!**

Old Business:

ARRL: Tony (W3FLH) *Endeavoring to making sure WARC is listed as an ARRL Special Services Club.*

Club Auction: Scott (KB3ALX) *In person auction to held in April or May, 2023.*

Future on-line auctions (fall 2023) will be held on "Better World" web site.

Club Station: Interest/Activity *Up and working*

Elmer Program: *Ongoing*

Initiative to attract younger members; Public Information strategy: (Herb (KB3VMN) *Herb sent letters to the Assistant Superintendents of Secondary Education at Central Bucks, Centennial, Council Rock, Hatboro-Horsham and North Penn School Districts introducing WARC and offering our classes to interested parties. Nothing yet heard back from any of the schools.*

WARC Club Upstairs Area: *Waiting for decision from Warminster Twp.*

OHOTY - *Nominations needed. Please submit to any board member. The OHOTY will be awarded at December meeting. Submissions will be voted on by board in November.*

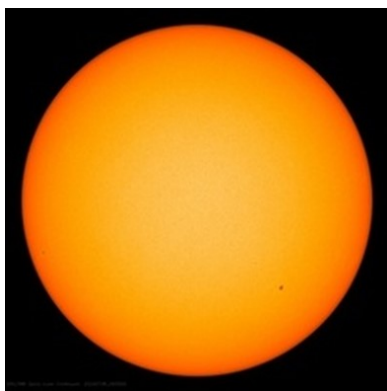
WARC Website: *Needs to be update. The president spoke with Al (W13Z) to continue on as the site's web master.*

New Business:

Getting back to normal for club meetings: Ray (KA3TRU) - *The president emphasized, in his opinion, an important part of club meetings is socializin among members. The president wants to again start serving refreshments at the club meetings in order to allow for this socializing. A lively discussion ensued about having club meetings going purely live or continue as hybrid. The consensus seemed to be, the members want to continue as hybrid. Hybrid meetings would allow those with physical or health concerns to remain on Zoom and still participate in the meetings. The president said he welcomes everyone's input. In the meantime, he will contact Brandon (KC3DYT) to see if he can return to being in charge of serving refreshments. Carl (KC3BRO) and Arlene (KA3PLA) have also volunteered to help with refreshments.*

Motion Adjourned: 8:45pm

The K7RA Solar Update



Tad Cook, K7RA, of Seattle, Washington, reports for this week's ARRL Propagation Bulletin:

Sunspot activity seems listless. Average daily sunspot numbers went from 57.3 to 58.4 (see note at the end of the bulletin concerning last week's averages) while solar flux went from 119.6 to 113.2.

The middle latitude geomagnetic numbers this week seem wrong. [See what I mean.](#)

The middle latitude numbers presented here are my own estimates, trying to correlate with the high latitude and planetary numbers.

Average daily planetary A index went from 18.6 to 10.4, and middle latitude numbers from 8.1 to 9.1.

Predicted solar flux is 120 on October 27; 118 on October 28 - 30; 114 from October 31 through

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November 2; 112 on November 3 - 5; 118 on November 6 - 9; 115 on November 10 - 12; 112 on November 13 - 14; 110 on November 15; 108 on November 16 - 18; 104 on November 19; 100 on November 20 - 23; 98 on November 24 - 25; 100 on November 26, and 105 on November 27 - 28.

So, the rise in solar flux to 160 in the first week of November presented in the previous two bulletins seems to be gone from the current prediction.

Predicted planetary A index is 10, 14, 18, 22, and 16 on October 27 - 31; 12, 12, and 8 on November 1 - 3; 5 on November 4 - 9; 18, 18, and 15 on November 10 - 12; 5 on November 13 - 17; 25, 18, 17, and 12 on November 18 - 21; 5 on November 22 - 23, and 8, 15, and 20 on November 24 - 26.

[Forbes on doomsday flares.](#)

[Tabloid news on flares.](#)

In last week's bulletin, ARLP042, the averages were wrong.

The correct averages for the numbers at the end of the bulletin in ARLP042 were 57.3, 119.6, 10.6, and 8.1 for sunspot number, solar flux, planetary A index, and middle latitude A index, respectively. The wrong numbers were actually from the previous week.

Sunspot numbers for October 20 through 26, 2022, were 33, 60, 55, 65, 46, 72, and 78, with a mean of 58.4. The 10.7-centimeter flux was 115.8, 109.4, 105, 108.4, 114.8, 116.3, and 122.4, with a mean of 113.2. Estimated planetary A indices were 7, 5, 27, 16, 8, 5, and 5, with a mean of 10.4. Middle latitude A index was 5, 4, 24, 15, 7, 5, and 4, with a mean of 9.1.

Send your tips, questions, or comments to k7ra@arrl.net.

A comprehensive K7RA Solar Update is posted Fridays on the ARRL website. For more information concerning radio propagation, [visit](#) the ARRL Technical Information Service, [read](#) "What the Numbers Mean..." and [check out](#) the propagation page of Carl Luetzelschwab, K9LA.

A propagation bulletin [archive](#) is available. For customizable propagation charts, visit the [VOACAP Online for Ham Radio](#) website.

[Share](#) your reports and observations.

A weekly, full report is posted on [ARRL News](#).

Courtesy of the ARRL Newsletter

Technician License Class

- The class is for Technician License
- The class is free, but we are asking the students to purchase the Ham Radio License Manual (5th Edition) from the ARRL
- The class will be in person in the library at the Ben Wilson Sr Center on the following Monday nights
- The class starts a 7:30 PM and run for about 1 1/2 - 2 hours
- The class dates are Monday 11/14; 11/21; 12/5; 12/12; 12/19; 1/9; 1/16; 1/23

The January VE session 1/30

The Andrew Johnson Amateur Radio Club Receives Two Grants

The [Andrew Johnson Amateur Radio Club](#) (AJARC) in Greeneville, Tennessee, recently received two grants to help promote growth and understanding of amateur radio.

AJARC Secretary/Treasurer Larry Whiteside, KN4MVH, said the club received a \$500 grant from their local Walmart Distribution Center. Dennis Holt, N4DWH, works for the center and is involved with Walmart's Volunteerism Always Pays (VAP) program. Walmart provides grants to eligible organizations where their employees volunteer.

The grant was used to purchase amateur radio books for the Greeneville/Greene County Public Library.

"We were able update the library with current and used books about amateur radio, including licensing and equipment," said Whiteside.

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The second AJARC grant of \$5,570 was from the [ARRL Foundation Club Grant Program](#), funded by Amateur Radio Digital Communications (ARDC).

"That grant," said Whiteside, "will help create a science, technology, engineering, mathematics (STEM) class for Greene County youth from 8 to 18 years old." The "Youth STEM through Amateur Radio Project" is designed to help students expand their knowledge of amateur radio and get their Technician-class licenses.

The program will be administered with the Greene County Makers and Free Wildlings Homeschool Playgroup. The AJARC will furnish all materials and equipment, including a radio, which will be installed at the Greene County Makers location.

"We actually had a trial program before writing the submission for the grant," said Whiteside. "Not only did the youth participate, but so did many of the parents!"

The AJARC is an ARRL Affiliated Club.

Courtesy of the ARRL Newsletter

Amateur Radio Club Members Assist Law Enforcement

The [Wayne Amateur Radio Club](#) (WARC) manned a 30-foot-tall mobile observational Infrastructure Protection Unit, or SkyWatch tower, at Ohio's Wayne County Fair in September again this year.



Captain Doug Hunter, KE8JNH, Wayne County Sheriff's Office, stands next to the SkyWatch tower at the Wayne County fair.

Staffed by specially trained amateur radio volunteers, the tower provided 24-hour surveillance, monitoring, and a record of activity on the fairgrounds, including medical emergencies, lost children, and other situations where help may have been needed.

Captain Doug Hunter, KE8JNH, of the Wayne County Sheriff's Office, was impressed with its performance. "Last year, I put in a request for the tower from the Ohio Department of Homeland Security," Hunter said. "After seeing the benefit of having it, I immediately requested the unit for this year's fair."

Positioned near the grandstand, the tower gave volunteers a bird's-eye view of the midway that allows one person to see from the air what four or five people can see from the ground. The observation deck is equipped with state-of-the-art video equipment that provides situational awareness in places where there are large crowds in attendance.

With an array of pan, tilt, and zoom cameras, the unit provides a 360-degree view of the fair's most vulnerable areas. It is climate controlled and is capable of being self-powered to ensure continuous operation.

Eric Mast, W8ELM, a member of WARC, said that club members who have additional training, apart from their amateur radio licensing exams, take shifts monitoring the crowd.

"Through our training, we understand how to communicate with law enforcement," said Mast. "We know what they need to hear. If we see a situation that needs their attention, our radio is connected directly to dispatch inside their command center on the fairgrounds. Once we report it, we are out of the loop and law enforcement manages everything from that point."

Captain Hunter added, "As long as this is available to us, we will take advantage of it. If we can utilize something that increases the safety of fairgoers, we will take advantage of that. WARC members donated more than 60 hours of their time, and we are very thankful for them."

-- Thanks to Dan Starcher, Public Communications Specialist for the Wayne County Commissioners Office in Wooster, Ohio, for information contained in this story.

Courtesy of the ARRL Newsletter

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Amateur Radio Active During 2 Weeks Of Hurricanes

The VoIP Hurricane Net, the Hurricane Watch Net (HWN), and the Amateur Radio station at the National Hurricane Center, WX4NHC, contributed hundreds of hours tracking and taking reports for hurricanes Fiona and Ian.

Amateur radio operators from Puerto Rico, Florida, and the US east coast worked for almost 2 weeks, making sure damage reports and requests for assistance were dispatched in a timely manner.

HWN Manager Bobby Graves, KB5HAV, reported that their activation for Hurricane Fiona lasted 39.5 hours. There were 109.5 hours on-air manpower and 246.5 total man-hours. "The HWN was activated four times for Fiona: twice on its approach to Puerto Rico, and twice on its landfall," said Graves. "We collected and forwarded 23 surface reports to the National Hurricane Center in Miami by way of WX4NHC."

For Hurricane Ian, HWN Assistant Manager Stan Broadway, N8BHL, added, "Our activation for Ian lasted for nearly 5 full days, with a total of 83 hours. There [were] a total of 383.5 hours of on-air manpower and 1,014.5 total man-hours. We collected and forwarded 164 surface reports to the National Hurricane Center."

The VoIP Hurricane Net reported that, over the entire course of Ian, from its tropical storm force effects in Grand Cayman, major landfall in Cuba and southwest Florida, and landfall in South Carolina into North Carolina, they sent approximately 150 reports.

"An approximate volunteer man-hour count for this hurricane is estimated to be over 150 hours, including the planning, execution, and release of activation information, also accounting for those stations in the affected areas or stations that were relays into the affected area reporting storm damage," said Graves.

ARRL Director of Emergency Management Josh Johnston, KE5MHV, had previously reported that many ARRL [Amateur Radio Emergency Service](#)® (ARES®) volunteers and their groups were involved across Florida, Georgia, and South Carolina. Johnston said that there were ARES members, at the request of the Florida Division of Emergency Management, serving in the state Emergency Operations Center. Many ARES groups were also operating in several shelter locations.

The NHC continues to monitor activity in the North Atlantic, Caribbean Sea, and the Gulf of Mexico.

Courtesy of the ARRL Newsletter

Florida Amateur Radio Operators Activate for Hurricane Ian

As Hurricane Ian was making its way to Tampa, Florida, in late September, the Sheriff's Tactical Amateur Radio Communications (STARC), W4HSO, was preparing for activation. ARRL member Tony DeAngelo, N2MFT, said STARC was activated on Monday, September 26, and continued operations through Thursday, September 29, 2022.

STARC has amateur radio equipment in five of the Hillsborough County Sheriff's Office (HCSO) locations,



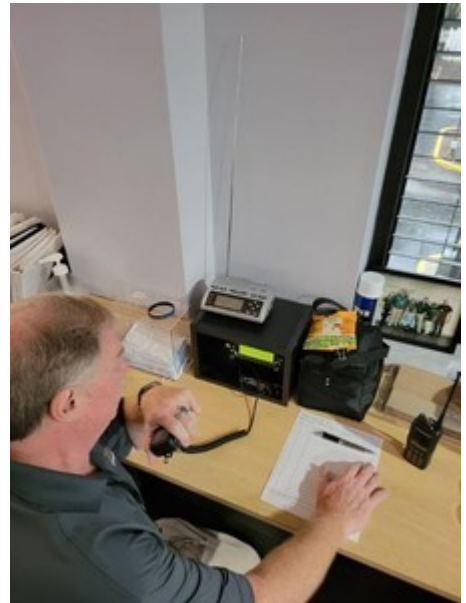
as well as a Homeland Security office. "It's a great working arrangement with all of the equipment provided for us," said DeAngelo. "Our volunteers staffed those locations and the remainder worked from their homes."

Over the course of the 4-day activation, 16 STARC volunteers worked 24 hours a day passing information for aid and assistance through the sheriff's office using WebEOC, a web-based emergency management information system.

DeAngelo emphasized that STARC is not a club, but a service organization. STARC volunteers are required to undergo an extensive background investigation, including fingerprinting by the HCSO. STARC volunteers are civilians and employees of various Hillsborough County government agencies, Verizon, Tampa Electric, St. Joseph's Hospital, Tampa Police Department, and other public and private agencies. In the event of a disaster, radio operators provide communications between participating agencies if normal means of communications are lost.

DeAngelo is a retired police officer, and has been a licensed amateur radio operator for 30 years. He will continue to monitor weather information in case another activation is needed.

Courtesy of the ARRL Newsletter



Tony DeAngelo, N2MFT, President of the Sheriff's Tactical Amateur Radio Communications (STARC) in Hillsborough County, Florida.

The Radio Society of Great Britain (RSGB) To Host The Transatlantic Centenary Tests

The Radio Society of Great Britain (RSGB) will host The Transatlantic Centenary Tests during December 2022. The international event celebrates the centenary of the transatlantic success of the RSGB in December 1922.

On December 24, 1922, the very first verified amateur radio signal from Europe was received in North America. The signal originated from the RSGB station (G)5WS at Wandsworth in South London, as part of the Third Transatlantic Tests.

Unlike the tests of the 1920s, which consisted of one-way communication, the December 2022 tests will encourage worldwide two-way communication with the United Kingdom and Crown Dependencies. There will be a series of awards available for making contacts with those who are activating special call signs.

For this centenary celebration, the RSGB has renewed five call signs, which they held in the 1920s:

- G5WS, from the 1922 tests -- "the first to get across"
 - G5AT, from the 1923 tests
 - G6XX, from the 1923 tests
 - G6ZZ, used for the first amateur tests on a moving railway train in 1924
- G3DR, Scottish Highlands Call -- GM3DR

These historic call signs will be activated by RSGB members and clubs, using G5WS, G5AT, G6XX, G6ZZ, G3DR (England), GM5WS (Scotland), GW5WS (Wales), GU5WS (Guernsey), GD5WS (Isle of Man), GJ5WS (Jersey), and GI5WS (Northern Ireland).

Full details of how to participate are available on the RSGB website at <https://rsgb.org/transatlantic-tests>.

Courtesy of the ARRL Newsletter

2022 - 2023 Contest Calendar**November**5-7 [Nov. Sweepstakes – CW](#)

2100 UTC Saturday and runs through 0259 UTC Monday.

19-21 [Nov. Sweepstakes – Phone](#)

2100 UTC Saturday and runs through 0259 UTC Monday.

26-27 **CQ Worldwide DX Contest, CW**

0000Z, Nov 26 to 2400Z, Nov 27

December2-4 [160 Meter](#)

2200 UTC Friday, ends 1559 UTC Sunday

10-11 [10 Meter](#)

0000 UTC Saturday; runs through 2359 UTC Sunday

18 [Rookie Roundup–CW](#)

1800 to 2359 UTC

January

1 Straight Key Night

0000 UTC through 2359 UTC

1 Kids Day

1800 UTC through 2359 UTC

7-8 RTTY Roundup

1800 UTC Saturday, ends 2359 UTC Sunday

21-23 January VHF

1900 UTC Saturday, ends 0359 UTC Monday

V.E. TEST LOCATIONS

Confirm all information, in advance, with the contact person. Licensed applicants must bring the original, and one photocopy of their license. All applicants, including children, must bring two forms of positive ID. Also bring the original, and a copy, of any Certificate of Successful Completion needed to prove current status. The ARRL VEC'S 2022 test fee is **\$15.00**.

Warminster Amateur Radio Club, Monthly, Last Mon. 7:00 pm at the Wilson Senior Community Center 580 Delmont Avenue Warminster, PA 18974 George Brechmann (215) 443-5656.

Atco, NJ, The fourth (4th) Tuesday of each month, at 7 p.m. Winslow Township Senior Center, 33 Cooper Folly Road, 08004-2603.
Mark (K2AX) jtra@comcast.net

Levittown, PA, Monthly, 3rd Monday at 6:30. Falls Township Building - Ben Johns, K3JQH, 215-657-5994

Telford, PA, RF Hill ARC. Indian Valley Library. Held the third Monday of odd months (January, March, May, July, September, November)
Contact: Jim Soete 215-723-7294
wa3ylq@arrrl.net.

Philadelphia, PA, Testing is done on the 4th, non holiday Thursday of the month at the, Community Ambulance Association of Ambler, 1414 E Butler Pike, Ambler PA 19002 at 7:00 PM We also are testing on Saturdays at least once per quarter at 9:00 AM. For further information contact James McCloskey at jmccloskey@msn.com and by phone 215-275-2979.

Lansdale, PA Testing on the fourth non-holiday Thursday of the month starting at 7:00 PM. The Lansdale Library Community Room Vine St. and Susquehanna Ave. Lansdale, Pa. Registration is required 48 hrs. or more before the scheduled exam date. If there are no registrations the scheduled exam date will be canceled. NO WALK-INS. You can register by contacting:
Olaf N. Markert - Phone (610) 517-5074, E-mail w3pa@arrrl.net
Alt Contact: Jim, 610-287-5630

➤ **ATLANTIC DIV. HAMFESTS**
➤ **2023**

January14 [Harrisburg WinterFest](#)

Vietnam Veterans of America

8000 Derry St.

Harrisburg, PA 17101

<http://www.w3uu.org>**April**15 [Sussex Amateur Radio and Electronics Expo](#)

Cheer Community Center

20520 Sand Hill Rd.

Georgetown, DE 19947

<http://www.radioelectronicsexpo.com/>29 [York Hamfest](#)

Elicker's Grove Park

511 Roth Church Road

Spring Grove, PA 17362

<http://yorkhamfest.org>

CLUB INFO

PUBLIC SERVICE

CLUB STATION

The WARC club station is open to anyone with an interest, on the first Thursday of the month (meeting night) between the hours of 6:30 and 7:30 pm. with the exception of the December dinner meeting For further information, call George Brechmann N3HBT at 215-443-5656.

WARC ALUMNI MEMBERSHIP

An Alumni membership category is available for WARC members who are unable to attend meetings and club activities on a regular basis because of health considerations, travel impediments, or other hardships. Dues for the Alumni membership are \$10.00 annually and are approved by the Board. Please contact the Membership Committee for more information if interested."

ATTENTION MEMBERS

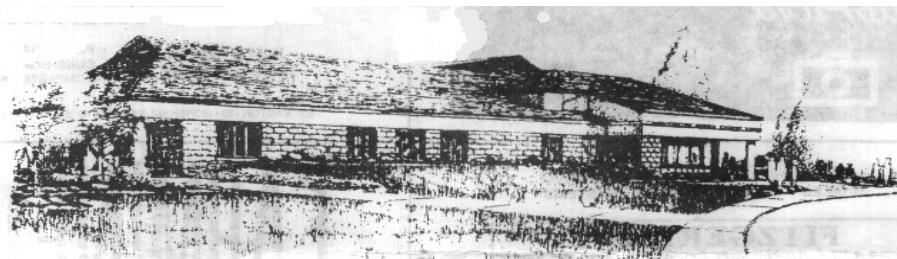
The Membership Committee can provide Club badges. Two types are available: an engraved plastic callsign and name badge for \$8 or a free, laminated plastic, photo ID badge/card. The photo id badge is included with your membership. Pictures for the club badge will be taken before club meetings on even numbered months. If you do not have at least a Warminster Amateur Radio Club badge with your picture on it, please contact your Membership Chairs at the WARC monthly meetings. Otherwise, please contact Membership by email at: membership@k3dn.org.

If you want to have your picture taken to be placed on the 'Members' Photos' section of the www.k3dn.org website, please contact Membership with your interest. When we get enough people who are interested we will post a notice in Feedback and have a camera ready at the following club meeting.

PROGRAMS 2022

November - ARRL Night George W3GWM

The Club Station - K3DN - is located at the Benjamin Wilson Senior Center, Delmont Avenue, Warminster, PA. The station is open for club members and the interested general public on the first Thursday of the month (meeting night) between the hours of 6:30 and 7:30 pm. with the exception of the December dinner meeting . The station is fully operational on HF (80 meters through 10 meters) both phone and CW. There is an assortment of amateur radio shareware which may be copied under the shareware licensing agreement.



For additional information on the Club Station please call the Station Manager N3HBT - George at 215-443-5656.

➤ WARC Meetings are held the first Thursday of each month at 7:30 pm at the Benjamin Wilson Senior Center, Delmont Avenue, Warminster, PA. Talk in is available on the 147.09 & 443.950 repeaters.

SKYWARN INFORMATION**Bucks County SKYWARN Weather Spotter PRIMARY FREQUENCY: 147.300MHZ (+ 131.8)**

Fairless Hills, PA (many remote access locations throughout Bucks County)

Mount Holly NWSFO SKYWARN Homepage:

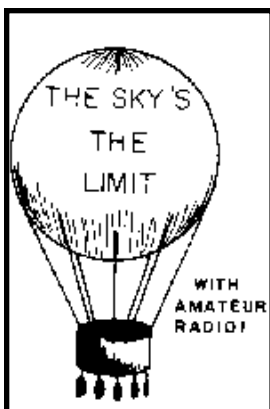
<https://www.weather.gov/phi/Info>

SKYWARN Basic Weather Spotter Educational Programs URL:

<https://www.weather.gov/phi/classes>

➤ CLUB EQUIPMENT

WARC has 2 Baofeng UV-5R dual band HT's and a Yaesu FT-2900 2M mobile that are available for use by members of the club. The radios are available on a month-by-month basis and have been purchased primarily to help new hams get on the air. However, they may also be used by any club member who is in need of a temporary 2-meter radio. They are also available for use by participants in WARC's public service activities. DE, Tony Simek N3YNH



*The Warminster Amateur Radio Club
Announces Free Ham Radio Instructional Classes*

If you're interested in Ham Radio, or think you might be, this is your opportunity. Perhaps you'd like to learn about digital communications, VHF, UHF, satellite, or perhaps you'd rather sit down and chat with someone in South Africa, Russia, Great Britain or in the space station.

For further information contact George Brechmann, N3HBT at 215-443-5656.

Area Repeaters**VHF**

145.310 R.F. Hill
145.350 Doylestown R.C.
146.790 Penn Wireless
145.330 Hilltown
146.670 DVRA
146.685 Holmesburg
146.925 Willingboro
147.000 Ham Buergers
147.030 Phil-Mont
147.090 Warminster
147.270 Frankford
147.300 BEARS
147.390 CBRA

220

224.580 PackRats
223.76 K3NAL

UHF

442.650 DVRA
443.250 TAG
443.050 Metro-Comm
443.950 Warminster
444.200 BEARS
447.475 WR3B
448.225 Penn Wireless
444.759 RF Hill Analog/
Fusion

D-STAR

146.61000 K3PDR DV
445.18125 K3PDR DV
445.01875 AA3E Montco
RACES

6 Mtr

53.030 WA3BXW
53.230 N3DQZ
53.320 K3MFI

Bucks County Amateur Radio Emergency Service (BCARES)

www.bucksares.org

Bucks County ARES will be on the air Wednesdays, at 9:00 PM . We will be using Warminster Amateur Radio Club's repeater on 147.090, pl 131.8. This net is linked as shown in the Net Schedule box for the Wednesday night net. It may also be linked to 147.300.

Winlink Gateway Stations:

Lower Bucks NY3J-10

145.530 Bensalem

Net Schedules

Sunday	2000	10 Meter Net	28.445 MHz
Wednesday	2000	2 Meter Net	147.09 Rptr.
Wednesday	2000	Linked w/ 2 Meter Net	443.95
Rptr.Wednesday	2000	Linked w/ 2 Meter Net	53.230 Rptr.
Sunday	2030	Informal Net	223.5 Simplex
Thursday	1900	Mont. Cnty RACES Net	146.835 Rptr.

Are you submitting an article for the Feedback ?

Contributions of articles to be published are always accepted for consideration. Please follow these guidelines:

- E-Mail to:
wa4ywm@comcast.net
Or via snail mail to:
FEEDBACK EDITOR
Warminster Amateur Radio Club
Box 113
Warminster, Pa 18974
- Use both upper and lower case letters.
- Use your program's spell check.
- If you don't have a computer, then typewritten sheets are o.k. but please use both upper and lower case.
- Put your name and call at the beginning or end of the article, and show credits if you are using material from another source.
- Deadline for articles is the Saturday before the regular meeting.

For general club correspondence:
k3dn@k3dn.org

Visit our Home Page at:
<http://www.k3dn.org>

The annual dues rate structure is as follows:

Full Member: \$25.00
Student: \$ 7.50
Alumni: \$12.50

- **Are your dues current ?**

2022 Officers

Executive Officers

President	Ray Oechslin	KA3TRU	267-269-3198
Vice-President	Dave McGowan	KC3RAT	215-850-5846
Secretary	Dan Myers	K3NXX	215-957-2343
Treasurer	Tom Newman	K3PLA	215-630-5965
Director (A)	Doug Becker	KC3MNQ	215-932-1370
Director (E)	Larry Abbott	WA3ELQ	215-704-3282
Director (A)	Bruce Farrington	WA3ZPC	215-262-4215
Director (E)	George Brechmann	N3HBT	215-443-5656
Past President	Tony Cuttone	W3FLH	267-679-9297

Committee Chairpersons

ARES/RACES Liason	Karl Harris	K3KH	215-264-1855
ARRL Liason	Irwin Darack	KD3TB	215-343-8170
Awards Manager	Vince Pironti	KD3TC	215-674-0446
Classes	Dave McGowan	KC3RAT	215-850-5846
	Dan Clementi	K3GMQ	
Digital and APRS	Ron Wenig	NY3J	215-638-9257
Feedback Editor	Jim Elmore	WA4YWM	215-538-1889
Field Day 23			
Hamfest 23	Tony Cuttone	W3FLH	267-679-9297
Hamwear	Kathy Acker	KC3FBY	215-815-7978
Holiday Dinner	George Brechmann	N3HBT	215-443-5656
Membership	Tony Cuttone	W3FLH	267-679-9297
Net Manager	George Brechmann	N3HBT	215-443-5656
PA QSO Party	Mark Kempisty	AA3K	
Publicity	Herb Hickmott	KB3VMN	267-718-3601
Refreshments			
RF Interference	Bill Ballantine	K3FMQ	215-766-0764
Repeater Coordinator	Brian Taylor	N3EXA	215-257-6303
Safety Officer	Mike Malone	W3MJM	215-639-2175
Station Trustee	George Brechmann	N3HBT	215-443-5656
Sunshine Club	Ken Lichtenstein	K9KJL	847-697-1188
Township Liason	George Brechmann	N3HBT	215-443-5656
VE License Testing	Larry Abbott	WA3ELQ	215-704-3282
VHF/UHF/MW	George Altemus	KA3WXV	215-855-3856
Website Coordinator	Al Kanschak	WI3Z	215-491-9941
Youth Programs			