



FEEDBACK



Warminster
Amateur Radio Club


Web Site k3dn.org

Warminster Amateur Radio Club

July 2024

Next Meeting **There is no July Meeting**

President's Message

Hello Everyone,

I hope everyone is well and has a safe July 4th holiday. I want to thank Ray for his service to the club as president for the last 2 years.

Remember we do not have a club meeting on Thursday July 4th, our next meeting will be Thursday August 2nd.

We have two good presentations coming in August & September. August will be FAT Dipole by Jack Sullivan W2INF and September "An Introduction to Antenna Modeling" by Dan Clementi K3GMQ. If you have any ideas for a club presentations or would like to share your knowledge please contact our new vice-president Rich Parker KC3WNX.

I also want to welcome the incoming WARC Board:

Vice President: Rich Parker KC3WNX

Secretary: Tony Simek N3YNH

Treasurer: Tom Newman K3PLA

Elected Directors:

George Brechmann N3HBT

Herb Hickmott KB3VMN

Appointed Directors

Bruce Farrington WA3ZPC

Doug Becker KC3MNQ

Past President: Ray Oechslin KA3TRU

Tony Cuttone W3FLH - Membership Chair

Thank you to all that participated in this year's Field Day.

The success of our club depends on your participation, if you have any ideas to make our club better, please let one of the board members know.

Thanks Dave – K3FTD

Warminster ARC General Meeting Minutes June 6, 2024

Call to Order: 7:35 pm by Dave K3FTD

Introductions and Attendance: 30

Minutes from last Meeting: The May meeting minutes were approved as submitted.

Committee Reports:

Treasurer's Report: Tom (K3PLA) As given. Copies were available for members to review.

Net profit from the Hamfest is \$1,018. The 2024-25 Budget that was approved by the Board will go out on Constant Contact the general membership to vote on.

Programs: Dave (KC3RAT)

July – meeting canceled since it falls on the Fourth of July holiday

August – Fat Dipole

September - Intro to Antenna Modeling

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Membership: Tony (W3FLH)

124 Members on roll, 105 in good standing; 98 Regular, 7 Alumni/Assoc.

Public Service: George (N3HBT)

George thanked everyone who came out for the Memorial Day Parade which was successful. The rain held off until after the parade was over.

June – Hole in One Golf Outing was scheduled with the club for June 5th, but was actually June 6th

October – Golf Outing Part 2. More information closer to the date.

Anyone interested in helping contact George at N3HBT@ARRL.NET

Classes: Dave (K3RAT)

Classes are finished for now. More planned later in the year.

VEC Testing: Larry (WA3ELQ)

Session 05/20/2024 with one candidate (Technician) who passed. Next session 6/24/2024.

Repeater: George (N3HBT)

All is presently good and working as expected.

Good and Welfare: Regina KC3RLF is recovering from a broken ankle. No additional report.

Radio sport: Irwin (KD3TB)

The 15 Meter band is wide open. Checkout ContestCalendar.com for upcoming contests, etc.

Refreshments: Arlene (KA3PLA)

Members were thanked for upping their donations for refreshments.

Other Committees:

No additional reports.

Old Business:

Club Station: The members presented voted to approve the expenditure for carpet cleaning. Ray to follow-up.

Field Day: Field Day is scheduled for the last Saturday (6/22) and Sunday (6/23) in June. A tent, tables and chairs has been secured. Help will be needed at the BWSC to load stuff from storage on Saturday morning at around 10:30 AM. Help will be needed at the Shrine to unload and set up at around 2 PM on Saturday afternoon. A family picnic is being planned for Saturday. Help will be needed Sunday afternoon to tear down and load stuff to be taken back to the BWSC. Anyone with ideas or able to help, please let one of the club officers know.

New Business:

Motor Vehicle Code - UPDATE

Licensed ham radio operators have been exempted from the requirements in the final bill.

Business meeting adjourned at 7:55 PM.

Presentation:

Dan McPhillips from the recorder of Deeds reported on services available from his office. Notably there is a Fraud Alert reporting system available at no charge to property owners in Bucks County.

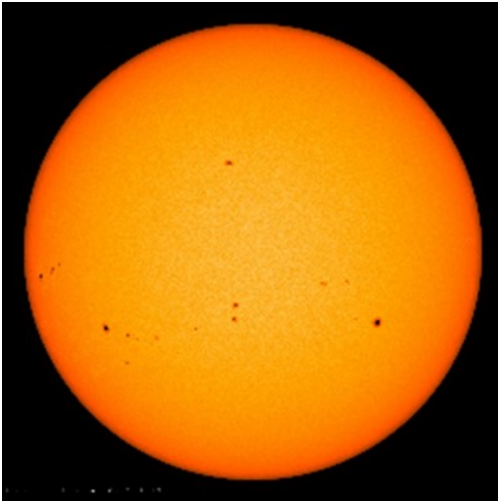
Pizza Night:

Pizza was provided by Emiliano's Pizza of Warminster.

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The K7RA Solar Update



This image was taken on June 27, 2024.
[Photo courtesy of NASA SDO/HMI]

Nine new sunspot groups emerged over this reporting week, June 20 - 26.

Two appeared on June 21, four on June 23, two more on June 25 and one on June 26.

Average daily sunspot number declined from 149.6 to 141.6, but average daily solar flux increased from 178 to 195.1.

Average planetary A index declined from 10.3 to 7.

Predicted solar flux over the next few weeks is 180 on June 27 through July 3, 185 and 190 on July 4 - 5, 180 on July 6 - 7, then 165, 165 and 180 on July 8 - 10, 170 on July 11 - 13, then 180, 190 and 195 on July 14 - 16, and 200 on July 17 - 18.

Predicted planetary A index is 5, 12 and 15 on June 27 - 29, 5 on June 30 through July 13, then 10, 10 and 8 on July 14 - 16, and 5 on July 17 - 19.

NASA images: <https://bit.ly/3LmluV7>

Solar max and climate: <https://tinyurl.com/mu6wv455>

Active sunspot returns Independent U.S. Edition, United Kingdom: <https://tinyurl.com/nhcpcu46h>

The Washington Post: <https://tinyurl.com/fjea8zf8>

Sunspot numbers for June 20 through 26 2024 were 138, 133, 139, 176, 141, 129, and 135, with a mean of 149.6. The 10.7 -centimeter flux was 203.3, 196.9, 195.7, 195.8, 198.7, 193.7, and 181.4, with a mean of 178. Estimated planetary A indices were 7, 5, 4, 10, 5, 9, and 9, with a mean of 10.3. Middle latitude A index was 8, 4, 6, 12, 7, 9, and 8, with a mean of 10.1.

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 ARRL Newsletter

FIELD DAY PHOTOS





Elmer's Corner

Welcome to Elmer's Corner. This will be a section where hams can request help with ham related issues. Our goal is to match someone with experience with the issue you are having in order to resolve your problem. This is intended to cover all aspects of ham radio:

Equipment Software Antennas Operations

Send the editor an email detailing the issue: wa4ywm@comcast.net.



2024 Contest Calendar

July

13-14 [IARU HF World Championship](#)

1200 UTC Saturday and runs through 1159 UTC Sunday

20-21 [North American QSO Party, RTTY](#)

1800Z, Jul 20 to 0559Z, Jul 21

August

3-4 [North American QSO Party, CW](#)

1800Z, Aug 3 to 0600Z, Aug 4

3-4 [222 MHz and Up Distance Contest](#)

1800 UTC Saturday and ending at 1759 UTC Sunday

17-18 [North American QSO Party, SSB](#)

1800Z, Aug 17 to 0559Z, Aug 18

17-18 [10 GHz & Up – Round 1](#)

0900 UTC Saturday and runs through 0759 UTC Monday

18 [Rookie Roundup – RTTY](#)

1800 UTC through 2359 UTC

24-25 [EME - 2.3 GHz & Up](#)

0000 UTC on Saturday through 2359 UTC Sunday

QSO Parties

Alabama QSO Party 1500Z, Jul 27 to 0300Z, Jul 28

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 2024 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, 1st Wednesday at 6:30. Levittown Library - 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@arrl.net.

Philadelphia, PA, Testing is done on the 3rd, non holiday Monday of the month at the Giant Supermarket, 315 York Rd., Willow Grove, 19090 at 6:30 PM in the Community Room. For further information contact James McCloskey at jmcloskey@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@arrl.net
Alt Contact: Jim, 610-287-5630

➤ ATLANTIC DIV. HAMFESTS

➤ 2024



July 6 - [Firecracker Hamfest](#)

Harrisburg Postal Employees Picnic Grounds 1500 Roberts Valley Rd.

Harrisburg, PA 17101

<http://www.w3uu.org>

July 27 - [CVARC Annual Hamfest](#)

Chambersburg Steam and Engine show grounds 1500 Criders Church Road

Chambersburg, PA 17201

<http://w3ach.com>

August 3 - [Reading Radio Club Hamfest](#)

Heritage Park 992 Clematis St. Sinking Spring, PA

<http://www.qsl.net/w3bn/>

August 9-11 - [2024 EME Conference - Trenton, NJ](#)

The College of New Jersey PO Box 7718

Ewing, NJ

<https://eme2024trenton.org/>

August 11 - [Valley Forge Hamfest](#)

Kimberton Fire Company Fairgrounds 762 Pike Springs Rd.

Phoenixville, PA 19460

<http://marc-radio.org/hamfest2.htm>

CLUB INFO

PUBLIC SERVICE

October – Golf Outing Part 2. Anyone interested in helping contact George at N3HBT@ARRL.NET

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 \$12.50 annually and are approved by the Board. Please contact the Membership Committee for more information if interested."

ATTENTION MEMBERS

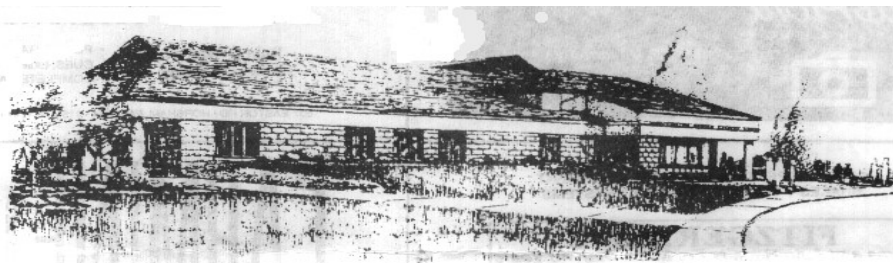
The Membership Committee can provide Club badges. Two types are available: an engraved plastic callsign and name badge for \$8 or a free, laminated plastic, photo ID badge/card. The photo id badge is included with your membership. Pictures for the club badge will be taken before club meetings on even 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 2024

- **July - No Meeting**
- **August - Fat Dipole**
- **September - Intro to Antenna Modeling**

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, Dave McGowan KC3RAT

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 Buegers
- 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

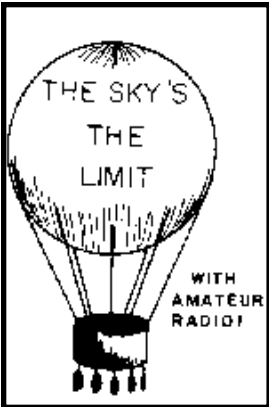
D-STAR

- 146.61000 K3PDR DV
- 445.18125 K3PDR DV
- 445.01875 AA3E Montco RACES

6 Mtr

- 53.030 WA3BXW
- 53.230 N3DQZ
- 53.320 K3MFI

*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.

New Classes (Tech and General) to start Sept 13 from 7 pm to 9 pm.

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

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:

WARMrinfo@gmail.com

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 ?

2024 Officers

Executive Officers

President	Dave McGowan	K3FTD	215-850-5846
Vice-President	Rich Parker	KC3WNX	
Secretary	Tony Simek	N3YNH	215-796-0336
Treasurer	Tom Newman	K3PLA	215-630-5965
Director (A)	Doug Becker	KC3MNQ	215-932-1370
Director (E)	Herb Hickmott	KB3VMN	
Director (A)	Bruce Farrington	WA3ZPC	215-262-4215
Director (E)	George Brechmann	N3HBT	215-443-5656
Past President	Ray Oechslin	KA3TRU	267-269-3198

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	267-337-0392
Digital and APRS	Ron Wenig	NY3J	215-638-9257
Feedback Editor	Jim Elmore	WA4YWM	215-538-1889
Field Day 24	Herb Hickmott	KB3VMN	267-718-3601
Hamfest 24	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	Arlene Newman	KA3PLA	215-345-4539
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
Good and Welfare	Regina Litman	KC3LRF	
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	Kathy Acker	KC3FBY	215-815-7978
Youth Programs			