



FEEDBACK



Web Site k3dn.org

Warminster Amateur Radio Club

June 2018

Next Meeting June 7 - Hamfest Recap/Field Day Prep /Pizza Night

President's Message

WARC has wrapped up perhaps our busiest month yet, with Elections, Hamfest, a Memorial Day weekend Special Event, and the beginning prep for Field Day all happening in May! The amazing thing about this club is that, even with a full schedule such as above, membership steps up to meet the challenges and presents a well-organized, enjoyable event for all participants. Kudos to everyone who played a part in making it happen!

Speaking of Hamfest, this year's event, our second as hosts to the ARRL EPA Section Convention and second at our new location, was an undeniable success. Despite a drop off in outside vendors (due in part to negative weather forecasts that never materialized), all other aspects showed marked improvement. The gate was up, indicating an increase in attendees from last year, as were indoor vendors, partly driven by those same forecasts. Feedback was heard from several sources, all of it positive, which bodes well for the outlook in coming years.

Next up for WARC is Field Day, held this year on the weekend of June 23 & 24. Our activity will again take place at the National Shrine of Our Lady of Czestochowa in Doylestown, PA. We will be active on all HF bands, and the public is welcome. If you have a friend or relative that you've been wanting to introduce to amateur radio, Field Day is the perfect opportunity for it, as there is plenty of on-air activity and you have the chance to show off the camaraderie and abilities of hams in general, and our club specifically.

Our Elections also took place early in the month, and we will be welcoming new faces to the Board in general, and to new positions. Jacek KC3HXF will be our new Vice President, after having served as our Membership Chair for the past two years; and George KC3ESH has been elected as President, having been our VP for the past two years himself. The other incumbents were all re-elected and will continue to serve in their positions as they have for their previous tenures.

Let me take this moment to say that it has been an honor to have served as President of Warminster ARC for the past three years. During my tenure, I have been proud to watch this club grow in size, ability and prestige. The people that I've had the privilege of working with to achieve these milestones have been numerous, but I would especially like to thank every one of the Board members that have served with me. I know that this club is in good hands moving forward, with a Board that is focused on constant improvement, accountability to membership, and mindful of the history and future of WARC.

This month's presentation will be devoted to Field Day prep and ironing out the details that make this event my favorite ham radio activity of the year – by far! Come out, get involved and help continue the tradition of fun and friendship that is WARC Field Day.

de Tony, W3FLH
73
SK

The K7RA Solar Update

Sunspot activity resumed this week, after no sunspots for seven consecutive days. Average daily sunspot number was 7.7, rising from 6.4 in the previous reporting week. Average daily solar flux was 70.1, changed little from 70.2 last week.

According to Spaceweather.com, in 2018 56% of days so far have been spotless.

Currently sunspot group 2710 and 2711 are active (2711 is growing), and 2712 is about to emerge beyond the horizon. On May 23 50 one-millionths of the visible solar surface was covered by sunspots. April 24-25 was the last time this level of activity was seen. On April 21-22 the sunspot area numbers were 120 and 130.

Average daily planetary A index and mid-latitude A index were both 5.3, down from 8.4 and 9 the previous week.

Due to an error at NOAA, the mid-latitude A index for Tuesday was previously reported on Wednesday as 55. This did not make sense to me, as no other magnetometers reported such huge activity. I sent a couple of emails to various contacts at NOAA, and

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AD0IU got it fixed. This changed both the mid-latitude A index and planetary A index for the day.

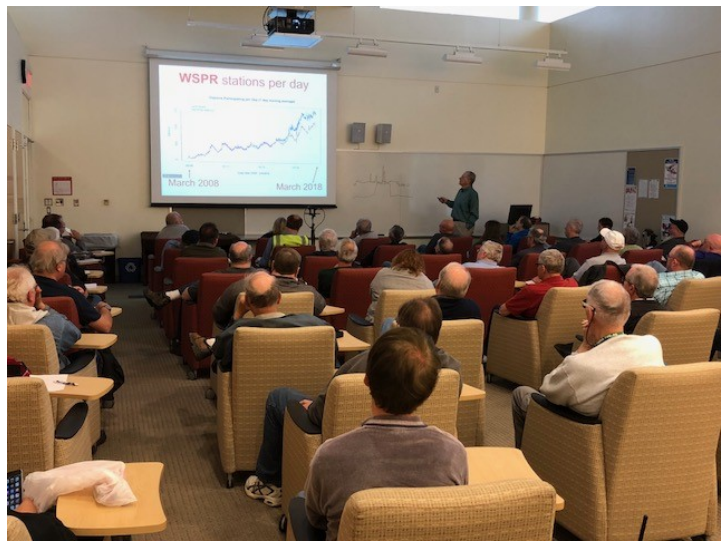
Predicted solar flux is 74 on May 25-27, 73 on May 28, 72 on May 29 to June 1, 70 on June 2-6, 68 on June 7-16, 69 on June 17-20, 70 on June 21 through July 3, and 68 on July 4-8.

Predicted planetary A index is 5 on May 25-27, 8 on May 28, then 5 on May 29 through June 1, then 28, 16, 16, 14, 12 and 8 on June 2-7, 5 on June 8-12, 8 on June 13, 5 on June 14-18, then 16, 12 and 8 on June 19-21, 5 on June 22-27, then 16, 26, 16, 14, 12, 12 and 8 on June 28 through July 4, and 5 on July 5-8.

The above solar flux and planetary A index predictions are updated daily at <http://ftp.swpc.noaa.gov/pub/forecasts/45DF/>

Courtesy of the ARRL Newsletter

HAMFEST PHOTOS



JOE TAYLOR, K1JT, FT8 PRESENTATION



TOM ABERNATHY, W3TOM, ARRL UPDATE



CORY SICKLES, WA3UVV, YASEU FUSION

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2018 MARCH FOR BABIES CREW

AMATEUR RADIO PARITY ACT LANGUAGE INSERTED IN NATIONAL DEFENSE AUTHORIZATION ACT

ARRL has praised the work of US Representatives Joe Courtney (D-CT/2), Vicky Hartzler (R-MO/4), and Mike Rogers (R-AL/3) for their successful efforts in securing language in the FY 2019 National Defense Authorization Act (NDAA) that asks the FCC to grant radio amateurs living in restricted communities the right to install effective outdoor antennas. Text from the proposed Amateur Radio Parity Act <<http://www.arrl.org/amateur-radio-parity-act>> (HR 555) formed the basis for the Courtney-Hartzler-Rogers Amendment to the NDAA.

"The bill does entitle each and every Amateur Radio operator living in a deed-restricted community to erect an effective outdoor antenna. Full stop. That is the principal benefit of this legislation," ARRL General Counsel Chris Imlay, W3KD, stressed. "There are tens of thousands of ham radio licensees who now, absent the legislation, cannot erect any outdoor antenna at all. This enables them in the same way PRB-1 has enabled hams to address unreasonably restrictive zoning ordinances during the past 33 years."

Imlay pointed out, though, that certain conditions apply. Prior to erecting an antenna in a deed-restricted community, an applicant for an outdoor antenna may have to apply to the homeowners association (HOA) for prior approval of the particular antenna system proposed by the ham. The Act would not empower an HOA to deny approval of all outdoor antennas. But neither does it entitle radio amateurs residing in deed-restricted subdivisions to erect whatever antennas they want.

"This legislation is a good, solid balance that favors hams and, as I say, allows tens of thousands of hams to erect effective antennas that they have no right to erect now," Imlay said.

The amendment, offered by the bipartisan trio and accepted by the House Armed Services Committee by voice vote, will ensure that Amateur Radio operators will continue to play a vital role in supporting communications in a disaster or emergency. Amateur Radio has long-standing relationships with the Department of Defense through the Military Auxiliary Radio Service (MARS) and spectrum sharing.

The Armed Services Committee passed the NDAA by a 60-to-1 voice vote after a 14-hour markup that ran well into the night. The

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bill now awaits House floor action. The Senate will begin its markup of the NDAA during the week of May 21.

Representatives Courtney and Adam Kinzinger (R-IL/16) spearheaded the effort to include the Parity Act language in the NDAA. Both are cosponsors of the Parity Act, which has passed the House by voice vote twice in the past 2 years.

Recognizing the long-standing relationship between Amateur Radio and the Department of Defense, Congressman Kinzinger -- who served multiple tours for the USAF as a fighter pilot and is still a Major in the Air National Guard -- and Courtney have been champions of the legislation in Congress.

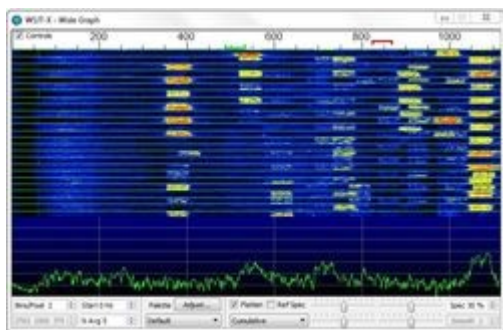
"The steadfast support of the Amateur Radio community continually demonstrated by Congressmen Kinzinger and Courtney has been a godsend," said Hudson Director Mike Lisenco, N2YBB. "The Parity Act wouldn't be anywhere close to this stage without their strong support, and our organization is extremely grateful."

ARRL has pledged to continue pressing for support to enact the Amateur Radio Parity Act throughout the legislative process. Read more <<http://www.arrl.org/news/amateur-radio-parity-act-language-inserted-in-national-defense-authorization-act>>.

Courtesy of the ARRL Newsletter

FT8 ACTIVITY BUMPING UP AT SOME EXPENSE TO OTHER MODES

Despite largely dismal HF conditions, there is no doubt that the recent FT8 digital protocol has hams on the air. The mode has caught on so quickly that co-developer Joe Taylor expressed surprise last fall at the rapid uptake of FT8 for making contacts on HF bands. Judging by Logbook of The World (LoTW) data, more than 2.3 million FT8 contacts were uploaded in 1 month -- a net gain of 1.2 million contacts on all modes over the same month last year, ARRL Radiosport Manager Norm Fusaro, W3IZ, said. Over the same period, activity in some of the other modes has declined.



"Year-to-date DXCC applications are up by 11% over the same period last year," Fusaro said. "So far, we have processed 898 Worked All States (WAS) applications -- a 72% increase over the same period last year. Of those applications, 347 -- or 39% -- were FT8 endorsements. Application for VUCC are also up by 33% over 2017."

Fusaro said that while some feel that FT8 is "taking over the world," subsuming all other modes, that's not the case. "Activity in the traditional modes of SSB and CW has decreased only slightly, by 10%," he said. "The real decrease is in RTTY and PSK activity and in the other WSJT-X modes. I believe poor propagation would have cut into SSB and CW activity, regardless of the new mode." Anecdotal reports support Fusaro's hard numbers, with wall-to-wall signals surrounding the FT8 watering holes.



Denny Berg, WB9MSM

Late last year, Denny Berg, WB9MSM, achieved his goal of completing DXCC using FT8. It took him just 4 months.

"I can tell all of you that this mode is spreading like wildfire throughout all the HF bands," Berg told The Daily DX <<http://www.dailydx.com/>> at the time. He said he was able to work all states on FT8 in about 6 weeks of operating.

Taylor has characterized SSB and CW as "general-purpose modes" that are good for ragchewing, DXing, contesting, disaster communication, and other purposes. On the other hand, he has said, FT8 and the other protocols in the WSJT-X <<https://physics.princeton.edu/pulsar/k1jt/wsjsx.html>> suite are "special-purpose modes," designed for making reliable, error-free contacts

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using signals that may be too weak to work using more traditional modes -- and sometimes even too far down in the noise even to hear.

Courtesy of the ARRL Newsletter

INFORMAL AMATEUR RADIO NETS BEING MAINTAINED IN WAKE OF VOLCANIC ERUPTIONS IN HAWAII

Two informal informational nets remain open on the island of Hawaii ("The Big Island") in the wake of recent and ongoing volcanic eruptions and seismic activity, Pacific Section Emergency Coordinator Clement Jung, KH7HO, reports. No formal traffic has been passed, but frequencies are being monitored.

"All normal communications, such as cell, landline phones, internet, and public safety, are operational," Jung told ARRL. Fissures associated with the Kilauea volcano on The Big Island began erupting on May 3, spewing lava and venting high levels of sulfur dioxide.

An Amateur Radio net is in operation on 7.088 MHz (SSB), and the Voluntary Organizations Active in Disaster (VOAD <<https://www.nvoad.org/>>) 146.720 MHz repeater (100 Hz tone) on Mauna Kea was activated after Hawaii's governor issued an emergency declaration. A federal disaster declaration has been approved.

The Hawaiian Volcano Observatory reports active venting of lava and hazardous fumes continues, with no end in sight. The Hawaii Volcanoes National Park closed after roads and trails were damaged. The Observatory this week increased the Aviation Color Code to RED, due to increased ash emission.

FEMA reports some 360 evacuees are staying in emergency shelters. Some 2,000 residents have been evacuated in all. "Twenty fissure vents have formed in and around the Leilani estates subdivision," the agency said in its May 17 report. "Air quality in the southeast area of Lanipuna Gardens has been rated 'condition red' (immediate danger to health) for high levels of sulfur dioxide. Volcanic-tectonic seismicity continues."

The US Geodetic Survey has warned that new lava outbreaks could happen "at any time," as well as "more energetic ash emissions."

Courtesy of the ARRL Newsletter

Minutes WARC General Meeting May 3, 2018

Call to Order Tony W3FLH - President

Introductions – pass the mic

Minutes from last Board Meeting

Additions/Corrections - Motion made and approved to accept minutes as written.

Committee Reports

Treasurer's Report: *Herb KB3VMN*

As reported at the meeting

Programs: *George KC3ESH*

June – Hamfest Recap/Field Day Prep/Pizza Night

July – Field Day Recap

August – Radio Sport (Contesting) – Irwin KD3TB, Bill K3FMQ, Andy KD3RF

September – Home Brew

October – 'Force of 50' volunteer Phil Weber KH2EI

November – ARRL Night

December – Holiday Party

Membership: *Jacek KC3HXF*

154 members with 126 members paid, 28 members still need to pay

3 new applications

Public Service: *George N3HBT*

Thank you to everyone who helped at the March of Dimes, March for Babies walk at Tyler State Park

Warminster Memorial Day Parade – Monday, May 28th 10:00am start – sign-up at meeting

Warminster Golf Outing, Thursday, June 7th – need 8 hams 8:30am to 2pm – sign-up sheet at meeting

Warminster Days on Saturday, June 9th at the Community Park, we need about 3 to 4 hams to help. We can set up a tent and have a table

Tour de Cure – June 16 – Michael (KB1JEY) need mobile operators and sag wagons

Classes: *George KA3WXV/Ron WB2OOB (not in attendance)*

2 students in Tech class & 3 students in Extra class which have both ended

Fall session will be Tech and General, starting the second Monday in September

VE Testing: *Larry WA3ELQ*

Last testing session was successful, 3 new techs and 1 upgrade to general

Will be testing available at Hamfest

Testing night in May will be Monday, May 21 due to Memorial Day

Repeater: *Brian N3EXA*

Brian everything is working well with all the repeaters

Information card that has all information for the repeaters and nets

Good and Welfare: *Vince KD3TC (not in attendance)*

Other Committees

Old Business

Ockanickon BSA Station (Steve WW3Y) – Waiting for grant money and would like to have shack together by the middle of June.

W3P Memorial Day Special Event (Jacek KC3HXF) – Saturday & Sunday, May 26-27, 11am-5pm, at the Shrine of Our Lady of Czestochowa, during the polish festival. Sign-up sheet available at the meeting for hams to work the special event station.

Field Day (Doc W3GAD) – June 23-24 at the Shrine of Our Lady of Czestochowa. 15, 20, 40 meters are covered, need 10 and 80 meters covered, we can run SSB, CW or digital. More details to be discussed at the June membership meeting.

Hamfest (Michael W3MAS) – This Sunday. Everything is shaping up quite well this year and we have enough volunteers thanks to Bill K3FMQ. Setup begins Saturday at the college at 3:00pm with transport meeting at 2:00pm at the senior center to move equipment to the college. Will need to make sure we have enough people to unload on Sunday afternoon.

Warminster Township is having an electronics recycling event this Saturday at the community park.

New Business

Election Results – With all balloting complete, the results of the election are as follows:

President – George KC3ESH

Vice President – Jacek KC3HFX

Secretary – Kathy KC3FBY

Treasurer – Herb KB3VMN

Director – George N3HBT

Director – Larry WA3ELQ

Thank you everyone who voted.

Motion to Adjourn

Motion made and approved to adjourn at 9:09pm

Presentation: Antennas w/Joe Haranzy AA3JH

FIELD DAY

OOOPS!!! Field Day is just around the corner. JUNE 23rd and 24th I only have one meeting to get all the plans in place. I am counting on all of you to volunteer to help, even if only in a small way. Most importantly, you do NOT have to be a member to be part of the WARC FIELD DAY.

OK - you don't like being outside in the sun and enjoying the fresh breeze on the hill top at the Shrine of Czestochowa, well there are other support activities like procurement of beverages and publicity. Come out to the next meeting on June 7th and see what you may be interested in doing to make this the best field day ever for you and the club. If you like to cook – fresh baked goodies are always welcome.

We will have stations covering all amateur frequencies from 160 meters (1.8 MHz) to 70 centimeters (440 MHz). These stations are capable of many different operating modes such as SSB, CW and the increasingly popular digital modes like the emergency communications strong FLDIGI and the more popular contesting modes like WSJT-X and FT-8. We are hoping to make an effort for a few satellite contacts and contacts using solar power. (Is one of these your interest?).

There is always a chair open for you and an opportunity for you to sit down at a station with a good antenna to make a few contacts. Maybe just sit have some delicious food and visit with other hams or share your interest with the many visitors to the Shrine.

So! Whether you are newly licensed amateur or an experienced ham, FIELD DAY can provide a “One Stop Shopping” experience to satisfy your thirst for an operating experience or an opportunity to explore one of the newer digital operating options.

Once again, I am hoping to see everyone on June 7th at the WARC meeting, reaching out to do your part to support this annual club effort to demonstrate the capabilities of amateur radio to efficiently function in less than optimal conditions.

When all else fails, put your handi-talkie to good use and get talk-in to the WARMINSTR AMATEUR RADIO CLUB FIELD DAY at The SHRINE of OUR LADY of CZESTOCHWA, 654 Ferry Road, high on the ridge, just north of Doylestown, Pennsylvania.

See YOU on the Air

73 de Doc W3GAD and Tony W3FLH.

CLUB INFO**PUBLIC SERVICE**

Greater BucksMont Chamber Golf Outing – Thurs., June 7, 2018 @ 9:00 am

Warminster Day, June 9th

Warminster Parks & Recreation Golf Outing – Monday, October 8, 2018 @ 9:00 am

see George, N3HBT for more info

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 2018

June – Hamfest Recap/Field Day Prep /Pizza Night

July – Field Day Recap

August – Radio Sport (Contesting) – Andy KD3RF, Irwin KD3TB, Bill K3FMQ

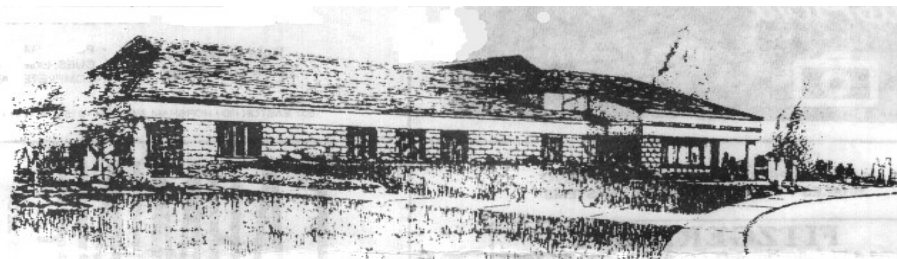
September – Home Brew

October – 'Force of 50' volunteer Phil Weber KH2EI

November – ARRL Night

December – Holiday Party

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.

2018 Contest Calendar

June

9-11 June VHF 1800 UTC Saturday, runs through 0259 UTC Monday

16 Kid's Day 1800 UTC through 2359 UTC

23-24 Field Day

July

14-15 [IARU HF World Championship](#) 1200 UTC Saturday and ending 1159 UTC Sunday

August

4-5 [222 MHz and Up Distance Contest](#) 1800 UTC Saturday and ending at 1800 UTC Sunday

18-19 [10 GHz & Up – Round 1](#) 6:00 AM local Saturday through 12:00 midnight local Sunday

19 [Rookie Roundup – RTTY](#) 1800 UTC through 2359 UTC

QSO Parties

Kentucky QSO Party 1400Z, June 2 to 0200Z, Jun 3

West Virginia QSO Party 1600Z, Jun 16 to 0200Z, Jun 17

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 2018 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@arrl.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@arrl.net
Alt Contact: Jim, 610-287-5630

➤ ATLANTIC DIV. HAMFESTS ➤ 2018

June 9 - 28th Annual Bloomsburg Hamfest

Lime Ridge Community Center 6405 4th Street Lime Ridge, PA
<http://www.qsl.net/cm-arc/hamfest.htm>

June 17 - Father's Day Hamfest

Arcadia Volunteer Fire Company Carnival Grounds
16020 Carnival Avenue Upperco, MD 21155
<http://www.w3ft.com>

June 30 - Harrisburg Radio Amateurs' Club Firecracker Hamfest

Harrisburg Area Community College 3599 Industrial Road Harrisburg, PA 17101
<http://www.w3uu.org>

July 14 - Valley Forge Hamfest

Kimberton Fire Company Fairgrounds
762 Pike Springs Road
Phoenixville, PA 19460
<http://www.marc-radio.org>

July 28 - CVARC HAMFEST 2018

CVEMA Showgrounds
1501 Crider's Church Road
Chambersburg, PA 17201
<http://www.w3ach.org>

SKYWARN INFORMATION

MOUNT HOLLY NWSFO SKYWARN Weekly Information Net: EVERY THURSDAY AT 21:00 HOURS

SKYWARN Net Repeater Listing/ Streaming Audio of scheduled SKYWARN

Net: <http://www.skywarnnet.net>

You do NOT have to be a certified SKYWARN Weather Spotter to check into the Net

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:

<http://www.erh.noaa.gov/phi/skywarn/index.html>

SKYWARN Basic Weather Spotter Educational Programs URL:

<http://www.erh.noaa.gov/phi/skywarn/training.html#sched>

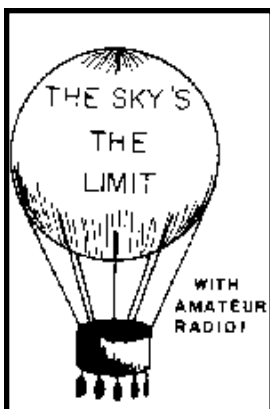
➤ CLUB EQUIPMENT

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, George Acker KC3ESH



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, Morse code, 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.

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.

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

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: \$ 20.00
2nd FamilyMember: \$ 10.00
Student: \$ 10.00
Alumni: \$ 10.00

- Are your dues current ?

2018 Officers

Executive Officers

President	George Acker	KC3ESH	215-815-7783
Vice-President	Jacek Ostrowski	KC3HXF	215-343-1899
Secretary	Kathy Acker	KC3FBY	215-815-7978
Treasurer	Herb Hickmott	KB3VMN	267-718-3601
Director (A)	Michael Shanblatt	W3MAS	267-491-5773
Director (E)	Larry Abbott	WA3ELQ	215-704-3282
Director (A)	Brandon Penglase	N3UO	215-259-7255
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	George Altemus	KA3WXV	215-855-3856
Digital and APRS	Ron Wenig	NY3J	215-638-9257
Feedback Editor	Jim Elmore	WA4YWM	215-538-1889
Field Day 18	Doc Whitticar	W3GAD	215-968-6397
Hamfest 18	Michael Shanblatt	W3MAS	267-491-5773
Hamwear	Kathy Acker	KC3FBY	215-815-7978
Holiday Dinner	George Brechmann	N3HBT	215-443-5656
Membership	Jacek Ostrowski	KC3HXF	215-343-1899
Net Manager	George Brechmann	N3HBT	215-443-5656
Publicity	Bernice Kraut	KB3PCX	215-884-8195
Refreshments	Brandon Penglase	N3UO	215-259-7255
RF Interference	Andy Vavra	KD3RF	610-287-3295
RF Interference	Bill Ballantine	K3FMQ	215-766-0764
Repeater Coordinator	Brian Taylor	N3EXA	215-257-6303
Safety Officer	Mike Malone	W3MJM	
Station Trustee	George Brechmann	N3HBT	215-443-5656
Sunshine Club	Vince Pironti	KD3TC	215-674-0446
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 Konschak	WI3Z	215-491-9941
Youth Programs	Steve Larson	WW3Y	215-822-1511