

# The Ham Arundel News



Providing Fellowship and Community Service through Amateur Radio Since 1951

August 2015

37<sup>th</sup> Year of Publication

## Prez Sez...



Hello, and welcome to the dog days of summer. On looking that up, I guess I'm almost a month late! The dog days of summer run from July 3<sup>rd</sup> to August 11<sup>th</sup>, so we're in the home stretch! Personally I think August is hotter and more humid than July usually, and I typically think more about indoor projects than outdoor ones at this time of year.

For those that may not have heard about the Great Website Disaster of '15, our hosted server crashed and took the entire website with it. If you're receiving this newsletter that probably means that you've signed up again (all accounts were lost), so you probably heard about it... Please try and get the word out, if someone asks you where the latest issue of the newsletter is, please tell them to go to the website and sign up with a new account. Doing so will insure that you get an email when the newsletter comes out and a link so you can view it. Note that with the new website arrangement, you need to be logged in to see the Navigation menu on the left side. This takes you to the newsletter, calendar, and other areas we're restricting to club members.

Thanks go out to Steve Kelley, K3BAY, our webmaster, for getting the site back up and running and giving it a needed makeover in the process! Yes, we lost everything, but it's not like

the forums were a hotbed of activity... One of the board topics for the August meeting will be a discussion of how to keep the site backed up (my preference would be automatically and frequently). We may discuss whether to stay with our current hosting company, but really if we keep everything backed up better it shouldn't be much of an issue.

MD QSO Party! Yes, this weekend, August 8-9<sup>th</sup> is the MD QSO party and AARC is the sponsor. Please check out the link on the website or click here (maybe) <http://mdcqsoparty.w3vpr.org/> to get all the info. We would really like to keep W3VPR on the air throughout the contest, which runs from 1600 on 8 August to 0400 on 9 August, a short 12 hour sprint to try and get as many Maryland stations as possible. I know a few folks will be activating the less populous counties, but we could sure use help keeping the host station on the air! Folks get bonus points for contacting us, so we need to be there throughout the contest period. Please help out if you can, especially through the night hours. Mike Watterson, K3MAW, is our coordinator, so please contact him directly or through [mdqsop@w3vpr.org](mailto:mdqsop@w3vpr.org) to volunteer for a time slot.

I notice that our intrepid editor occasionally has to cut me short, so I'll leave it here for this month. Please take part in the QSO party, whether at the club station or by putting your own station on the air for all to contact. Let's make sure that anyone who can reach Maryland this weekend has someone to talk to!

73

Brian, K3HMX





Number Range  
**JOINT 440 REPEATER GROUP**

of the  
Anne Arundel Radio Club, Inc.  
and the  
Maryland Mobileers Amateur Radio Club

**Extract from Minutes of 16 July 2015:**

At a regularly called meeting of the Joint 440 Repeater Group of the Anne Arundel Radio Club, Inc. and the Maryland Mobileers Amateur Radio Club held on 16 July 2015 at 7:00 p.m. in the club house of Anne Arundel Radio Club, Inc., a quorum being present, the following actions were taken:

1. The Constitution of the Joint 440 Repeater Group, having been amended to show the correct name of the organization as appears on the club amateur radio station license KB3CMA, bearing the signatures of the presidents of the two Founding Clubs, was presented to the Group.

2. The Group elected the following officers:  
Chairman: Gordon A. Davids, WJ3K  
Vice Chairman: Tim Nagel, KB3YQK  
Secretary/Treasurer: Jonathan Graefe, KB3ZVO

3. The President of the Anne Arundel Radio Club, Inc., Brian Mary, K3HMX, advised the Group that he has the concurrence of the President of the Maryland Mobileers Amateur Radio Club, William Daniels, K3WD, to appoint Gordon A. Davids, WJ3K, as the Trustee of the club amateur radio station license KB3CMA.

4. Upon a motion regularly seconded, the Group voted to:

a. Authorize the Secretary/Treasurer to sign as the Club Officer the ARRL Form 605-C requesting assignment of Gordon A. Davids, WJ3K, as the Trustee of the club amateur radio station license KB3CMA and amending the mailing address of the Group.

b. Mail the completed ARRL Form 605-C, a copy of the current Constitution, and an extract from the minutes of this meeting to the American Radio Relay League as the designated Club Station License Coordinator.

The above is an accurate extract of Minutes of the Proceedings of The Joint 440 Repeater Group of 16 July, 2015.

(s) Jonathan Graefe, KB3ZVO, Secretary/Treasurer  
Attest: (s) Tim Nagel, KB3YQK, Vice Chairman

Number Range  
CHAPTER Maryland Mobileers Amateur Radio Club  
and  
Anne Arundel Radio Club  
**JOINT 440 REPEATER GROUP**

CONSTITUTION

PREAMBLE:

The members of the Anne Arundel Radio Club and the Maryland Mobileers Amateur Radio Club, in order to serve their mutual County and State communities, as well as to promote the pleasures and benefits of

Amateur Radio by:

- ◆ furthering cooperation among and between the members of each club,
- ◆ developing individual members' radio knowledge and proficiency,
- ◆ promoting Amateur Radio in the general community, and
- ◆ facilitating emergency and public-service communications,

do hereby enact this Constitution as the governing law for the Joint 440 Repeater Group which oversees the principles and operation of the jointly owned and controlled 440 MHZ Repeater. Each Club is a co-equal owner of said repeater and Founder of this Joint 440 Repeater Group, hereafter also known as the "Joint Repeater Group" or "JRG".

ARTICLE I MEMBERSHIP:

Section 1 - Membership on the Joint Repeater Group shall consist of seven persons, each appropriately licensed by the FCC to operate an amateur radio station in the UHF and VHF spectrums. Three each shall be appointed by the Presidents of the Maryland Mobileers Amateur Radio Club and the Anne Arundel Radio Club. The seventh shall be the Trustee of the jointly owned and operated 440 MHZ repeater and who shall be so named by agreement of the two Club Presidents.

Section 2 - Appointments to the Joint Repeater Group shall be made annually by each Founding Club President effective March 1.

Section 3 - The position of Trustee of the 440 Joint Repeater is permanent and not limited to a fixed term, subject to the continuing concurrence of the two Club Presidents.

Section 4 - There shall be no dues required for membership on the Joint Repeater Group, but members so designated to serve on this Group shall also be members in good standing of one of the Founding Amateur Radio Clubs. The Trustee shall be a voting member of both clubs in accordance with each club's Constitution and By-Laws.

Section 5 - An Alternate, temporarily representing a member of the Joint Repeater Group, must

be a Board Member of the appropriate Club. Alternates serve on a case by case basis, covering absences of JRG members for their Club.

Section 6 - Each member or alternate as defined in this Article shall have the right to cast a single vote on matters before this Group.

Section 7 - Except as provided in Sections 3 and 8 of this Article, the term of all members of the Group including its Officers shall be one year.

Section 8 - Replacement of a Member whose position is vacated for any reason during his/her term will be named by the appropriate Founding Club President as soon as practicable after the vacancy occurs. The term for an individual named to fill such a vacancy shall be the unexpired term of the position vacated.

Section 9 - Any Member who fails to attend three consecutive meetings without good cause, as determined by a majority of the remaining members, shall be considered to have resigned from the Joint Group and the appropriate Club President so notified of a vacancy. However, if an alternate, named in accordance with Article I, Section 5, attends a meeting on behalf of an absent Member, this shall not be counted as an absence.

Section 10 - A majority of the Joint Repeater Group may recommend removing from membership any Member for misconduct, violation of his or her trust, or other just cause. However, actual removal is the prerogative of the appointing Founding Club

#### ARTICLE II OFFICERS:

Section 1 - The Officers of the Joint Repeater Group shall be Chairman, Vice-Chairman, and Secretary/Treasurer.

Section 2 - Only members as defined in ARTICLE I, Section 1, shall be eligible to hold office.

Section 3 - Election of Group Officers shall take place at the first regular meeting of the Group after March 1 each year.

#### ARTICLE III MEETINGS:

Section 1 - Meetings of the Joint Repeater Group shall be held in accordance with scheduled times and places as published in the newsletters of the respective Founding Clubs.

Section 2 - If considered necessary for the good of the Repeater operation or the members of the Group, the Chairman may call Emergency Meetings of the Group. A quorum, consisting of four or more Members, shall be required in order to conduct formal business during such an Emergency Meeting. Any action(s) recommended as a result of such an

Emergency Meeting must be agreed to unanimously by the Members present.  
Section 3 - Unless otherwise provided for by this Constitution or its By-Laws, the most current version of "Robert's Rules of Order" shall govern all proceedings of the JRG.

#### ARTICLE IV ACCOUNTABILITY:

Section 1 - The Joint Repeater Group is responsible to the two Founding Clubs and shall keep both Clubs informed of all actions, pending matters, and future plans by way of timely written minutes of meetings as well as oral reports to the Boards and/or members of the Clubs when appropriate.

Section 2 - The minutes of the meetings of the JRG, or an informative summary of them, as approved by the Chairman of the Group will be submitted on a timely basis to the editors of the newsletters of the two Founding Clubs.

Section 3 - The Presidents of the two Founding Clubs and the Chairman of the JRG will review before dissemination any other written material regarding the operation and use of the 440 Repeater.

Section 4 - Nothing in Sections 2 and 3 of this Article shall be construed to limit the expression of individual written opinion by members of either Founding Club nor to prohibit editorial comment on 440 repeater matters in the newsletters of the Founding Clubs.

#### ARTICLE V JOINT REPEATER GROUP POWERS AND OBLIGATIONS:

Section 1 - The Joint Repeater Group shall recommend policies and operating procedures for the jointly owned and controlled 440 MHZ Repeater to the respective Founding Clubs for their approval. Disagreements on policies and procedures between the two Clubs are to be resolved by the Presidents of the Clubs with input from the JRG.

Section 2 - Policies or procedures deemed by the JRG to require emergency implementation may be put in force on a temporary basis by the Group provided each Club President is notified as soon as possible. Subsequent actions by the Clubs may ratify or negate and rescind any such emergency policy or procedure.

Section 3 - The Joint Repeater Group is authorized to establish a Technical subcommittee and/or other subcommittees to assist in carrying out its functions. Members of subcommittees need not be members of the Joint Repeater Group but must be members in good standing of either of the Founding Clubs.

Section 4 - Aside from any annually renewable petty



cash fund provided to the JRG by the Founding Clubs, the JRG has no authority to commit or spend funds without the prior approval of the respective Clubs. The size of the annual petty cash fund shall be agreed in advance by the two Founding Clubs. If the petty cash fund becomes depleted before its annual renewal time, the JRG may furnish an accounting of its petty cash expenditures and request supplemental funds from the Clubs.

Section 5 - The JRG may consider itself as a "club" in its own right for purposes of applying to the FCC for a Club call sign for the 440 MHZ repeater, but such action may not negate or come in conflict with any provision of this Constitution.

ARTICLE VI AMENDMENTS AND INTERPRETATION:

Section 1 - Amendments to this Constitution and By-Laws (if any) must be approved by both Founding Clubs in accordance with each respective club's operating procedures.

Section 2 - Proposals for amendments to this Constitution or its By-Laws may be made by any member of either Founding Club, provided such proposals are submitted in writing to the Chairman of the Joint Repeater Group. Proposals submitted for any amendment(s) must be specific and complete and must state the Section(s) of the Constitution or By-Laws affected.

Section 3 - The Chairman of the JRG shall provide timely notification to the Presidents of both Founding Clubs of properly prepared and submitted amendment proposals. Each President shall ensure that the appropriate amendment process is initiated in the Founding Clubs on a timely basis.

Section 4 - Any disagreements regarding the interpretation of any Section of this Constitution or any By-Laws, if any, will be resolved, if at all possible, by the JRG. Failing that, the Chairman of the JRG will present the issue to the two Club Presidents who, together, shall be responsible for a provisional interpretation; however, such interpretation does not become part of the Constitution or By-Laws, which must be amended to include any revised wording or clarifying comments.

ARTICLE VII RATIFICATION OF THIS CONSTITUTION:

Section 1 - Ratification of this Constitution must take place in both Founding Clubs in accordance with each respective club's operating procedures.

Section 2 - The effective date of this Constitution shall be the day following the day of approval in the latter of the two Founding Clubs granting such approval.

Approved by the MMARC:

by (s) William Daniels K3WD  
President  
July 10, 2015  
Signature Title  
Date

Approved by the AARC:

by (s) Brian Mary K3HMX  
President  
July 16, 2015  
Signature Title  
Date

The original of the above document was signed by Bill Ziegler, KA6TYY for MMARC and Dave Evartt, N6TAU for AARC on 11 December 1997.

Amended to revise name of organization from "440 Joint Repeater Committee" to "Joint 440 Repeater Group" in order to conform with the name on the FCC Club License of KB3CMA, and Constitution reaffirmed by AARC and MMARC on July 16, 2015.

AA

**AARC Recognition Program**

Has someone in the club helped you out or given you a good idea, we'd like to know. There are lots of members who share their time and experience who don't get any or a lot of recognition. It doesn't have to be anything earth shattering. Simple things are good. In other words, don't delay recognizing someone because it doesn't match the level of what Barb and Terry Nixon do for the public service awards. Here are a few examples (and it's by no means a complete list): someone helped you build a simple antenna, someone helped you put up a new antenna, someone helped you configure some software, someone helped you decide what radio to get, someone downloaded a bunch of preset frequencies to your radio or someone helped you install your radio in your vehicle. There are hundreds of other reasons, too. Be imaginative!

Why? Everyone likes to be appreciated, but more importantly, it helps our new members get an idea of what others are doing in the club and who can answer their questions. It's a good conversation starter: "That was great that you helped so-and-so with XYZ. Would you be able to give me a little help with that, too?"

What do I do? Send a quick e-mail, text or snail mail note to anyone on the board and let them know who it was and what they did. Keep it short and sweet - one or two sentences is perfect. When we get them, we'll do a quick announcement at the meeting and put them in the news. That means Milford gets more content, too!

Questions? Ask any of us on the board. Don't be bashful!"

We're trying to get the word out and wanted to get this into the newsletter. Please feel free to edit for clarity. Please let me know if you have any questions.  
73, Giff / K1GAH

## Service Hours

### needed for the following projects

If you have been involved, or have service hours to report for the following projects you need to turn them in **ASAP**

- **Worked the Zooma Race with the Calvert ham club**
- **Any and all repeater repairs along with the testing of the new repeaters. All installation hours of the new repeaters.**
- **Field Day 2015 – Set up / Tear down hours, food service, taking of photos, working the information tent**
- **Preparation of presentations to the club**

The deadline for submitting hours is **Monday, August 31 to**

**Terry, KB3CWQ and Barb, KB3LDM Nixon**

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## Net News

Near the end of the AARC weekly Two Meter Net on July 15, Tim, KB3YQK, acting as Net Control, called for additional check-ins. The squelch broke and there was a call which was right at the noise floor. Tim determined that the call was WP4I and that the caller's name was Tony. Several attempts were made but the signal-noise ratio made communication very difficult.

Towards the end of the net, Tony's signal came up to a readable level. As the net closed, Tim and I continued a QSO for about 10 minutes.

Tony, his wife, mother, and baby were at the close of an eight day vacation. They were at Reagan Airport in Washington DC, on their way to Newark, NJ., with onward flight to their home in Puerto Rico.

Tony and family had turned his car in because they

were to get the flight Wednesday evening to Newark. The problem was that the flight was canceled and they had to wait in the airport until early Thursday morning. He was telling us that he was using a handi talki. Then he remembered that he had purchased a mobile antenna while here and plugged the radio into it. This improved the communication quality to the level that it was a lot easier to hold a conversation.

At this point Mike Watterson, K3MAW broke in and asked if Tony was active on HF. "Yes", he said. Mike then remarked that he may have worked him at some point. At this point Tony apologized as the baby was tired and was swinging on the antenna cable so he would have to go QRT. We wished him a good trip home and closed the QSO.

This is one of those opportunities where going back to someone on the repeater may bring an interesting story. I looked him up in QRZ.com and it said that WP4I is Tony Rodriguez. Tony was very pleased with our QSO. So keep listening and when someone comes on the repeater do not hesitate to go back to them.

Tony did email us back saying that they got home safely although a little tired.

Milford Craig, N3WYG

AA



**Welcome to the  
Maryland-DC QSO Party!  
The next party will be held  
8-9 August 2015**

We're looking forward to hearing all of you on the air next August 8th and 9th and hopefully you'll invite a bunch of your friends to join you in the "fun" contest.

If you have any comments, questions or recommendations about the MDC QSO Party, please send them to:

[mdqsop@w3vpr.org](mailto:mdqsop@w3vpr.org)

**The Chairman for the 2015 MDC QSO Party is Mike Watterson/K3MAW**





## Emergency Communicator's Notebook - 7

- **Accuracy is crucial**

Richard Palm, K1CE, is the editor of the ARES E-Letter. He once wrote: "A few weeks ago, I handled a radiogram on one of the local VHF nets routed via a major HF net in the Northern Florida section. The message had a simple preamble, address, text, and signature, and yet it was garbled significantly from the original. If there is one thing that we must do right (as) ARES operators, it is to send a message accurately. It is more important than timeliness, or any other feature of message-handling. Take the time to send it right. We hang our hats on that." *From Richard Palm, K1CE*

- **Organization is vital**

Picture a random group of volunteers trying to handle a communications emergency. They don't know each other, have different ideas about what should be done, and half of them want to be in charge. The result is chaos. This is why training alone is not enough. There has to be an organized structure from which to work. That is the purpose of ARES. *From ARECC Level I course book*

- **Respond to the question asked**

The Net Controller asks, "Do you need a break?". The operator at the other end replies, "We've got two other guys here, but one of them is running a message over to Post Five and the other one doesn't really know how to run this rig, and it's my own equipment and it's really expensive. And besides, the Captain told me to let him know the minute someone answers his request and I'm not sure I trust this other guy to handle that." You'll notice that the operator did everything except answer the question. Focus on the question asked, or the statement made, and respond to it directly. *From Gary Ross Hoffman, KB0H*

- **Learn the proper way to send numbers**

Read each numeral individually. For example, say two three four rather than two hundred thirty four. Enunciate each numeral. Always say zero and never say oh. Pronounce nine as niner. *From ARECC Level I course book*

- **Mobile over hand held**

A hand held transceiver is certainly a lot easier to transport, but ultimately a mobile transceiver is better for field operation. It has more power and can handle continuous usage a lot better than a hand held radio can. *From ARECC Level I course book*

- **There is no privacy on the air**

We are not allowed to use codes or encrypt data on the amateur bands. Make sure that your served agency understands that if they ask you to send patient information or other information of a personal nature. *From ARECC Level I course book*

- **What if it rains?**

The weather will never cooperate with you. Make sure that your equipment is sufficiently protected from the elements. Just covering it with a bit of plastic while you run from your car to the communications post may not be enough. If you trip and drop your bundle in the mud, will your equipment still work? It will have a much better

chance of surviving if it's in a waterproof carry-all. *From Gary Ross Hoffman, KB0H*

- **Try running a net**

You may be the first amateur radio operator available during an emergency. This would make you the Net Control operator, even if only for a short period of time. To help prepare yourself for this possibility you should try running a local net at least once. St. Louis County ARES will be happy to give you that opportunity, and will give you all the assistance you need. *From ARECC Level I course book*

- **It may be a dirty assignment but don't show up looking like a slob**

You can be the smartest amateur radio operator in the world, but if you show up at a served agency dressed in a slovenly fashion, you will leave them with a very poor impression of yourself and of ham radio in general. *From ARECC Level I course book*

- **Are those batteries REALLY charged?**

Before you head off to handle an emergency, be sure that those batteries that you THINK are charged really are. *From Eric Bueneman, N0UIH*

- **Wilderness Protocol**

The Wilderness Protocol was developed to facilitate communications between hams while hiking or backpacking, but has since become useful anywhere that repeater coverage is sparse. From 7 AM local time to 10 PM, amateur radio operators in such areas are asked to monitor the simplex calling channel 146.52 MHz for five minutes every hour. Monitoring times would be from 7:00 to 7:05, 8:00 to 8:05, and so forth until 10:05 PM. Using this protocol, hams wishing or needing to make contact know which times they are most likely to receive a response. In addition to the primary frequency of 146.52 MHz, the secondary frequencies of 52.525 MHz, 223.5 MHz, 446.0 MHz, and 1294.5 MHz may be monitored. *From Gary Ross Hoffman, KB0H*

- **Long Tone Zero**

Long Tone Zero, sometimes called LiTZ, is a method of notifying anyone listening that you have an emergency or priority situation. If you have an urgent need to make contact and no one has responded to your voice calls, try the following procedure. While pressing your transmit key, also press and hold the zero button on your transceiver for a minimum of three seconds. This will send a unique DTMF signal over the air. It's exactly the same tone you hear on your telephone when you press its zero button. Alert ham radio operators will know what it means, and even some repeaters have been programmed to respond to it. *From Gary Ross Hoffman, KB0H*

- **How well do you understand radio?**

You diminish your effectiveness as an emergency communicator if you don't really understand how radio works. If you are unable to reach anyone from your assigned post it would help to know why. Raising your antenna a few more feet will likely work better than trying to increase your power. We encourage you to continue to educate yourself about radio.

*From Gary Ross Hoffman, KB0H*

## Marty Pittinger, KB3MXM, New Section Manager for Maryland/DC Section

Hello. I am Marty Pittinger, KB3MXM, your newly elected ARRL Maryland-DC Section Manager. My term began on July 1, 2015.

First, I would like to thank Jim Cross, WI3N, and Al Brown, KZ3AB for the tireless work they did during the past nine and a half years on behalf of the Maryland-DC Section radio amateurs as your Section Manager and Assistant Section Manager.

I am already working hard in order to continue to serve you as Jim and Al has for so many years. Jim used, "I am always at your service," as part of his sign off on the MDC Section News and I want you to know "I am here and ready to help you."

So, if there are any opportunities to help or questions about the ARRL and amateur radio or comments that I may address, whether you are an ARRL member or not, please do not hesitate to contact me.

My e-mail address is: [KB3MXM@ARRL.net](mailto:KB3MXM@ARRL.net) and my phone number is 443-326-1783.

My recent trip around most of the MDC Section during Field Day shows me that we have communities full of Hams and radio enthusiasts. The pride you have shown and the dedication to Amateur Radio is alive and well. I will do my very best to support and encourage your goals while continuing to improve our commitment to Amateur Radio.

*Thanks and 73.*

*Used with Permission MDC Section News, Vol. 10 No. 7, July 15, 2015*  
AA

### UPCOMING HAMFESTS

65th Annual Berryville Hamfest  
Sunday, August 2, 2015  
Location: Clarke County Ruritan Fairgrounds  
890 West Main Street  
Berryville, VA 22611  
Website: [www.shenvalarc.org/hamfest](http://www.shenvalarc.org/hamfest)  
Sponsor: Shenandoah Valley Amateur Radio Club  
Type: ARRL Hamfest  
Talk-In: 146.820 -  
Public Contact: Thomas Brownlee, AF2D  
744 Gafia Lodge Road  
Middletown, VA 22645  
Phone: 540-869-7065  
E-mail: [af2d@arrl.net](mailto:af2d@arrl.net)

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AA

### Greetings from Prescott Valley!

It's hard to believe that it's been almost 3 months since we left Maryland. The time seems to be flying by and the weather is absolutely wonderful.

Prescott enjoys what is probably among the finest four-season climates experienced in the U.S. We're a mile above the oppressive desert heat of summer (as in Phoenix), yet warm enough to melt a snowfall off within a

day or two in winter. Low humidity year-round benefits respiratory patients, yet there is enough moisture to support many square miles of Ponderosa Pine in the nearby National Forest. And there's plenty of Arizona sun, too!

Here's a description of the typical weather experienced each season:

**Spring** - Wintery storms can still have an effect in early Spring, it's not unusual to see at least a few snowfalls and cold nights through April. We don't get a lot of snow although February appears to be the month for snow – Maybe 2 inches total. The "windy" season starts in April and continues through May. By May, daytime temperatures are warming noticeably, although evenings still require a sweater. The frequency of precipitation drops off dramatically. June ushers in the first hot days of the year; upper 90's is common as summer approaches. Humidity can be as low as the single digits. June is also the driest month of the year.

**Summer** - Early summer brings a continuation of very warm, dry weather. But gradually, clouds begin to build in the afternoons. The official start of the "monsoon" season is June 15 but it doesn't really start in earnest until mid-July. The official end of the "monsoon" season is 30 September but is usually over by mid-September or earlier. The rainy season includes brief rainstorms, soaking rainstorms and sometimes torrential downpours during afternoon thunderstorms. Temperatures that have soared to the 90s at noon can plummet to the 70s by late afternoon after a storm. Even on the hottest days, temperatures will be comfortable by evening; you may even need a light sweater!

**Autumn** - The rainy season has ended by early Fall around mid-September, ushering in pleasantly warm days and crisp nights. A few winter-like storms may brush the area by mid-October, bringing a little rain and jacket weather. Gardeners are wrapping things up, the first frost can be expected before October ends. Snow is a distinct possibility by late November.

**Winter** - Sunny cool days with deep blue skies and freezing nights are sandwiched between occasional storms bringing cold rain or snow. But will it be a white Christmas? Only about a 10% chance, unfortunately.

So while we're officially in the "monsoon" season that does not mean daily torrential rainstorms. Generally speaking, each day starts out with clear or partly cloudy skies. Dark clouds may come and go and we may get a short, intense shower or two during the day. When it does rain the outside humidity spikes of course. Earlier this month we had rain, high winds, lightning and pea-sized hail all within a 15 minute period.

Last week we had a visit from Hurricane Dolores who is not related to Monsoon Season. Although Dolores never touched shore she had an impact on our weather with lots of rain almost all day long – some gentle and other not so gentle..

A few locations in northern Arizona are well above their rainfall average for the monsoon this season including Prescott which usually gets 1.76-inches. So far we've received 2.86-inches of rain so. Most of it is attributed to Dolores.

Here's what July-September normally looks like:



this month;

13 Colonies special event contest,  
15dbi 2.4GHz antenna,  
5GHz bullet,  
6 & 10 meter bands,  
APRS,  
Abigail Grace Clegg (July 1 2015-July 19th 2015),  
Annapolis 10 Mile Run,  
Antenna input noise,  
Antenna repair,  
Boat Painting,  
Classes for CW (Morse code) ,  
Camping,  
Charge your portable gear,  
Club picnic,  
Coast Guard Auxiliary,  
Computer repair,  
Contact Keith ae3d@arrl.net for class info or

interest.

Discone Antennas,  
EchoLink Net on Friday,  
EchoLink,  
Ed has a new call AA3EB formally KA3ZPE,  
Field Day experiences,  
Field Day,  
Classes for General licensing ,  
HF Antenna,  
Heat & Humidity,  
Holly in the morning,  
Holly-NET,  
IP Phones (VoIP),  
The Internet,  
Joint 440 Repeater Group,  
Lead-Lined copper pipes,  
Levitt homes in Bowie,  
Liquid-cooling a computer,  
Low-cost Cube computer running at 5GHz,  
MD. QSO Party (Hosted by AARC)  
MESH Networking,  
MESH nodes on the tower,  
Maryland QSO Party,  
National Night Out at Allen Pond in Bowie,  
Newsletter articles,  
Omni-directional 2.4GHz 8dbi,  
PG-ARES / RACES,  
Pictures & data loss,  
Pluto,  
Potato chips,  
Power supplies from server class PCs,  
Presentations,  
Pressure Washers  
Projects to do,  
Public service events,  
RadioShack store,  
Remake your w3vpr.org web account  
Squirrels,  
Classes for Technician licensing ,  
The Adirondacks,  
Tower Maintenance,  
Untouched radio projects,  
Update on Mrs Holly,  
Vacation travel,

Vanity call-signs,  
WP4I at National Airport,  
Waiting for an HF rig to arrive.  
The Weather,  
Web forum for 2-meter net reports,  
Website,  
Putting antennas in trees,  
\*House Bill \* HR1301 \*  
\*Senate Bill\* S1685 \*

\*Please contact your representative in support.

Please accept my apologies if I have missed anyone or overlooked any topics.

The Anne Arundel Radio Club  
<http://www.w3vpr.org> hosts a weekly 2 meter net every Wednesday evening at 8:00 pm local eastern time.

Please join us each Wednesday at 8 PM on the air, or face-to-face on the first & third Thursdays in Davidsonville for our regular club meetings. Meetings start at 19:30 with an informal eye-ball QSO time thirty minutes prior.

- All Are Welcome - Please Join us -  
147.105 (Davidsonville)  
147.075 (Curtis Bay)  
444.400 (Annapolis)

The AARC Clubhouse is located at the Davidsonville Family Recreation Center 3789 Queen Anne Bridge Road, Davidsonville, MD 21035

<http://www.w3vpr.org>

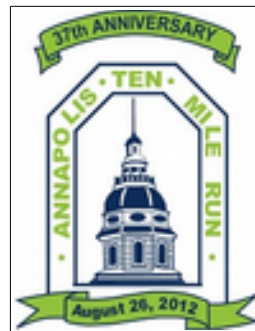
-73

-Respectfully submitted

-Tim • KB3YQK • PG-149

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### Annapolis Ten Miler



This is the first call for radio operators for the Annapolis 10 Miler to be held on Sunday, 30 August. We need operators! If you've worked the race in the past and would like the same assignment please let me know when you sign up. This is an intense but short race. The starting time is 07:00 and Operators will need to be on station at various times beginning at 05:00 for Net Control but no later than 06:45 depending on the station.

BTW, when you sign up please give me your shirt size. I DO NOT KNOW IF THERE WILL BE SHIRTS however, I like to be prepared.

Thanks in advance. Paul, W4ATN

Date/Place/Time:

- Sunday August 26, 2012
- Navy-Marine Corps Memorial Stadium, Annapolis, Maryland
- 05:00 a.m. SHARP! Sunday, August 26, 2012. All entrants should be at the stadium by 7:00 a.m.

# Anne Arundel Radio Club, Inc.

Anne Arundel Radio Club, Inc.  
P.O. Box 308  
Davidsonville, MD 21035

First Class Mail

