



# The Hilltopper

HAZARD, KY.

## March 2005

### Kentucky Mountains Amateur Radio Club

Tom Osborne, K4TDO, Pres.

Morris Caudill, WB4NZS,  
V.Pres.

John Farler, K4AVX, Sec.-  
Treasurer, Editor

<http://www.qsl.net/k4avx/kmarc.html>

#### February Meeting:

The February meeting of the Kentucky Mountains Amateur Radio Club was held on February 19th., at the Mother of Good Counsel Catholic Church, in Hazard. Ten members were present and Wayne Hensley led the winter project day with a project for warm weather use, the construction of an active attenuator for Fox Hunting.

Wayne had the parts and enclosures for the project, and Bob, WB4IEA, helped supply coax connectors and tools for building the attenuators. Five or six were successfully completed.

Fox Hunting is an activity in which hams or teams hunt one hidden transmitter, whose location is unknown. Wayne has already built the automatic annunciator, which, when used with a 2 meter or UHF radio, will key the transmitter every few minutes as set on the annunciator, and provide tones to help in the location of the signal.

Directional antennas are used to determine the location of the hidden transmitter, or Fox. The attenuator which we built is used between the antenna and the receiver to lower the received signal strength so that the directional antenna may be turned to peak the signal. If the signal is too strong, there will be no null or peak. The signal has to be lowered or attenuated as you get closer to the Fox, so that a peak or null can be observed. Practical applications for Fox Hunting equipment include locating interfering signals and illegal transmitters. Perhaps a hidden Fox Hunt is next, after the proper antennas are made.

To help plan future project days, which are some of the best club meetings, President Tim Osborne appointed a committee consisting of Wayne, AF4YJ, Bob, WB4IEA, and Morris, WB4NZS, to come up with ideas for at least two project days per year.

#### HAMFEST CALENDAR:

Cave City, KY.....Mar.12  
Charlotte, NC.....Mar. 12-13  
Charleston, WV.....Mar. 19  
Elizabethtown, KY.....April 2  
Morgantown, NC.....April 16  
Louisa, KY .....May ??

#### Major Contest Dates:

ARRL DX (Phone).....Mar. 5-6  
CQ WW WPX SSB.....Mar. 26-27  
ARRL Field Day.....JUNE 25-26

#### March Meeting - March 5th.

The next meeting of the KY Mountains ARC will be on Saturday, March 5th., at the Mother of Good Counsel



Church, on Cedar St., in Hazard, at 2 PM. The Jackson NWS, with Dave Stamper, KF4ERK, will have a SKYWARN Training Session, just in time for the Spring Severe weather season. We hope everyone will turn out for this important training, so that we may better serve in this role when dangerous weather strikes.

The Jackson Office has several Amateur Operators, including the following who participated in Skywarn Appreciation Day.

KF4NIH - Shawn Harley  
KF4ERK - Dave Stamper  
KG4KJO - Mike McLane

It is important that they be able to obtain on-the-ground information during severe weather to supplement what their radar and other instruments are showing.

#### Links:

Jackson NWS: <http://www.crh.noaa.gov/jkl/>

URL for active attenuator, Fox Hunt antennas:

<http://home.att.net/%7Ejleggio/projects/rdf/rdf.htm>

Club Web page: <http://www.qsl.net/k4avx>

On the back page is an incomplete listing of local hams. I'm putting it here mostly for NCS's and general info. Send me any updates and changes...see you Mar. 5, 73, K4AVX.

Part of the tower crew at Zach's QTH works on getting his 2 meter "Boomer" together during a tower and antenna raising session this fall.



KE4AER	BOB BURTON	HAZARD, KY.
KA4AOU	JIM OSBORNE	HAZARD, KY.
KG7AT	MORRIS AMBURGEY	MALLIE, KY.
K4AVX	JOHN FARLER	HAZARD, KY.
KE4BHY	JOHN OWEN	HAZARD, KY.
KE4BHZ	ZACH HALE	VIPER, KY
KE4BNV	CHARLES HENSLEY	HARLAN, KY.
KA4BYW	CHARLES DAVIS	HAPPY, KY.
NQ4C	BURL ESTEP	CUMBERLAND, KY
KG4CLL	CECIL LOCKABY	CUMBERLAND, KY
KG4DAQ	EDDIE SPARKS	EVARTS, KY
AD4DX	WILLIS ASHER	ASHER, KY.
KB4EKJ	CHARLEY JONES	
KF4ERK	DAVE STAMPER-NWS	NOCTOR, KY.
KE4FAC	ASBEL JOHNSON	HAZARD, KY.
KI4FGF	MITCHELL MEADE	
KG4FZZ	MARK ROUSE	MARY ALICE, KY.
KI4GEW	STEVE FOX	LOYALL, KY
WA4GNP	CLAYTON SPARKS	EVARTS, KY.
KF4GQP	JOHN CHANEY	HAZARD, KY.
KF4GQQ	GREG GAMBILL	HAZARD, KY.
KI4HAR	TIM SLONE	BULAN, KY
KB4HLY	CALVIN EASH	BUCKHORN, KY.
WB4IEA	BOB SPURLOCK	VIPER, KY
KG4IFB	LARRY LYKINS	WEST LIBERTY, KY.
KG4IRR	HENRY BROCK	HELTON, KY.
K4ITF	MIKE MCCOWN	DAVID, KY
WA4JDJ	LARRY PRATT	HAZARD, KY.
KY4JLB	JOHNNY BRASHEAR	VIPER, KY.
K8LHR	BEN CREECH	PLYMOUTH, MI.
KG4KJO	MIKE MCLANE - NWS	NOCTOR, KY.
KF4LZG	CRAIG MELTON	WENDOVER, KY.
WI4M	SID ADAMS	RICHMOND, KY
KY4MB	MARVIN BROCK	HELTON, KY.
KG4MTF	JACK RATLIFF	GARNER, KY.
KF4NIH	SHAWN HARLEY - NWS	NOCTOR, KY.
WB4NZS	MORRIS CAUDILL	VIPER, KY.
KF4OAT	LAWRENCE SHELL	JEFF, KY.
WB4OEF	PAUL & VICKIE TURNER	SADIEVILLE, KY.
WB4ONM	PHIL HAYES	VIPER, KY.
KC4OPE	PHILLIP SLONE	CORNETTSTVILLE,
KB4OXS	RICKY CAUDILL	JACKSON, KY
KE4OZS	DAVID PIERCE	HAZARD, KY
KE4OZU	NAMON CAMPBELL	YERKES, KY.
KE4PBZ	DEAN DAVIDSON	FISTY, KY.
KG4RGR	DEREK NEACE	KRYPTON, KY
K4SJA	STEVE ADDISON	BOONEVILLE, KY.
K4TDO	TIM OSBORNE	HAZARD, KY.

KE4TOO	TRAVIS BOWLING	SALDEE, KY.
KG4TRY	DENNIS HUDSON	HAZARD, KY.
N8TTR	FR. MIKE CHOWNING	HAZARD, KY.
AK4U	PAUL COMBS	LANGLEY, KY
WA4UZC	YANCEY BOWLING	COMBS, KY.
WB4VFN	RICHARD MCKINNEY	HYDEN, KY.
K4VHF	HARRY CORNETT	HAZARD, KY.
KG4VHO	DONNA HUDSON	HAZARD, KY
KR4WI	MATTHEW HOLLINS	JACKSON, KY.
KE4WWY	JOE GOEBEL	HAZARD, KY.
KE4WXC	RAYMOND BROWN	BLACKKEY, KY.
K4XYZ	JOHN D. SMITH	GAY'S CREEK,
AF4YJ	WAYNE HENSLEY	BAXTER, KY.
KR4YP	RICK ERVIN	MOZELLE, KY.
KG4YXE	CAROLYN HENSLEY	BAXTER, KY
KU4YY	TIM CALHOUN	HAZARD, KY.
WA4ZFL	ROGER CORNETT	HAZARD, KY.
KB4ZHK	BERT HURT	ISOM, KY.

Please send any additions or corrections so we can have a more complete listing of anyone who checks into the Sunday night emergency net. Send to [jfarler@peoplepc.com](mailto:jfarler@peoplepc.com).

#### MAKE THE MOST OF YOUR HAM LICENSE!

##### JOIN THE KENTUCKY MOUNTAINS ARC

Enjoy membership and fellowship in one of Kentucky's oldest Amateur Radio Clubs, starting its 32nd year. Benefits include repeater usage, club operating activities, educational activities, local net sponsorship, VE sessions, a hamfest, and many other activities throughout the year.

Membership dues for the 2005 year are payable as follows:

**Full Membership**.....\$12.00

Full membership includes the privilege of running for office, voting, and receiving club awards for licensed hams.

**Family Membership**.....\$18.00

Family membership gives full membership to two or more members of the same family living in the same household.

**Student Membership**.....\$6.00

Student Membership is available for full time students at any level of education and includes full membership privileges.

**Associate Membership**.....\$5.00

Associate Membership (non-voting) is available only for those who are members of other "local" clubs to encourage dual membership or for non-licensed members.

Pay at the Club Meetings or mail to John Farler, K4AVX, 109 Hall St., Hazard, Ky. 41701.....  
(email [jfarler@peoplepc.com](mailto:jfarler@peoplepc.com), make checks to KMARC)