

CQ CHATTER

VOLUME B12 • Issue #9 WOOD COUNTY AMATEUR RADIO CLUB OCTOBER 2011

P.O. BOX 534, Bowling Green, OH

<http://wcarc.bgsu.edu>

President	WB8NQW	Bob Willman
Vice President	K8NEA	Duane Ashbaucher
Secretary	N1RB	Bob Boughton
Treasurer	WD8JWJ	Bill Wilkins

The Fox is Found

Immediately after the Club Breakfast on September 3rd, the annual fox hunt was conducted. Phil, W8PSK, and Bob, WB8NQW, provided the mystery and intrigue we have all come to expect from the fox as they settled into their hiding place sitting in the Foxmobile in Bowling Green City Park.

First on the spot, after about half an hour of searching was Craig, KD8NJZ, and his crew. Next came Bob, N1RB, and Linda, N1LB, who narrowed in on the fox quite a bit later. The others who successfully located the lair were Stan, K8LL; Hoot, WB8VUL; Don, K8OVO; and Jeff, K8JTK.

Congratulations to all of the fox hunters and many thanks to the foxes, who did a great job of conducting the affair. All of the participants indicated that they enjoyed the exercise and are eagerly preparing for the next one. The idea of holding the event after a Club breakfast was successful in getting more people to participate. ■

**WCARC Weekly Net:
Tuesdays at 2130 EDST
(0130 Z year-round)**

147.18 MHz 67 Hz PL

Business Meeting

Monday, October 10th

TIME: 7:30 pm / eyeball at 7:00

**PLACE: Sheriff's Training Room
E. Gypsy Ln. and Dunbridge Rds.**

Bowling Green, OH

Solar Update

from ARRL Letter

Tad Cook, K7RA, reports: Although the average daily sunspot numbers are lower -- down nearly 13 points to 91.7 -- the average daily solar flux is higher by 6.7 points, rising to 122.2. Yes, solar activity is rising rapidly. You could see it coming earlier this week by glancing at the STEREO mission when you looked at the back side of the Sun. There was lots of activity, and you can still see quite a bit more (those white

continued on page 4

Net Check Ins

August 30

N1RB (NC)

W8PSK

KC8EKT

WB8VUL

WB8NQW

WD8JWJ

W8CLM

N8YAE

KD8PCQ (9)

September 6

WB8NQW (NC)

KD8JGQ

W8PSK

WB8VUL

W8CLM

N8YAE (6)

September 13

N8YAE (NC)

KD8NJZ

W8PSK

N8VNT

WB8NQW

WD8JWJ

KC8EKT

N1RB

N8PYA

K8OVO

KC8PCQ (11)

September 20

N1RB (NC)

KD8PCQ

KD8NJZ

WD8JWJ

N8VNT

N8YAE

W8CLM

KC8EKT

WB8NQW

N8PYA (10)

WCARC

2 m Net Control Roster

Net meets every Tuesday at

2130 EDST/2030 EST*/0130 Z

Sep	27	N8QMV
Oct	4	WB8NQW
Oct	11	KD8NJZ
Oct	18	N8YAE
Oct	25	K8OVO
Nov	1	N8QMV
Nov	8*	WB8NQW

Brain Teasers

- In a positive logic circuit, what level is used to represent a logic 1?
 - low level
 - positive transition level
 - negative transition level
 - high level
- In which emission type is capture effect most pronounced?
 - FM
 - SSB
 - AM
 - CW
- What is the appropriate maximum range for signals using transequatorial propagation?
 - 1000 miles
 - 2500 miles
 - 5000 miles
 - 7500 miles

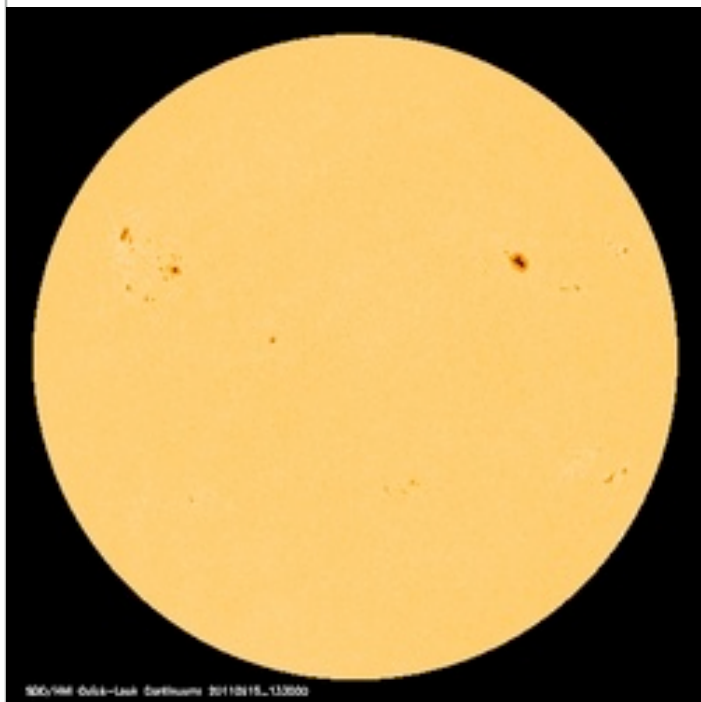
October Contests

The contest lineup for the month of October is given below. Please note that the WARC bands (60, 30, 17 and 12 m) are never open to contesting.

Oct 1-2	<i>0800 to 0800 Z</i>	160 m to 10 m
Oceania DX 'test		SSB
Oct 1-2	<i>1600 to 2200 Z</i>	160m to 10 m
California QSO Party		all modes
Oct 8-9	<i>0800 to 0800 Z</i>	160 m to 10 m
Oceania DX 'test		CW
Oct 8-9	<i>1600 to 0600; 1400 to 2359 Z</i>	80 m to 20 m
Arizona QSO Party		all modes
Oct 8-9	<i>1600 to 0500; 100 to 2200 Z</i>	160 m to 10 m
Pennsylvania QSO Party		all modes
Oct 15-16	<i>0000 to 2400 Z</i>	80 m to 10 m
JARTS WW RTTY 'test		RTTY
Oct 15-16	<i>0001 to 2359 Z</i>	10 m
10-10 Fall CW QSO Party		CW
Oct 15	<i>1400 to 2300 Z</i>	160 m to 10 m
Iowa QSO Party		all modes
Oct 15-16	<i>1400 to 0200 Z</i>	160 m to 10 m
New York QSO Party		all modes
Oct 16-17	<i>1700 to 0100 Z</i>	160 m to 10 m
Illinois QSO Party		all modes
Oct 29-30	<i>0000 to 2359 Z</i>	160 m to 10 m
CQ WW SSB 'test		SSB

solar---from page 1

patches) just over the eastern horizon, which is on the left side of the image beyond -90 degrees. The image of the daily Sun shows a disc peppered with sunspots, a welcome sight after watching the current solar cycle seem to stall. Numerous CME events disturbed the Earth's magnetic field. The planetary A index record shows September 9, 10 and 12 were the most active days, with the index at 36, 33 and 27.



The Sun, as seen on Thursday, September 15, 2011 from [NASA's SOHO Extreme Ultraviolet Imaging Telescope](#).

The autumnal equinox in the northern hemisphere is just a week away: September 23 at 0905 UTC, which is 5:05 AM EDT or 02:05 AM PDT. Luckily, the increased sunspot activity should continue. The predicted solar flux is 115 on September 25-29. Look for more information on

the ARRL website. For more information concerning radio propagation, visit the [ARRL Technical Information Service Propagation page](#). ■

Letter from the President

October 2011

The fox hunt went well. There were 6 mobile stations participating in the hunt. Craig KD8NJZ was first to find the fox. There was some confusion between information in the newsletter concerning the frequency used by the fox and the vehicle he would be using and what actually happened. Please accept my apology for this mix-up.

The Edgewood restaurant will be closing so we need to find another location starting with the November breakfast. After checking with several eating establishments in BG, I believe that the Big Boy at North Main and Poe Rd. would be the best choice. They would seat us at the west end next to the Main St. windows. The breakfast buffet is available on Saturday as well the normal menu options. I have made arrangement with the manager for November.

There have been almost no volunteers for officer candidates for the 2012 election. Prepare for some arm twisting. Next business meeting is October 10 at the Sheriff's office. Next breakfast is November 5 at the Big Boy north in BG.

73

Bob WB8NQQ

October Hamfests

Oct 23 Utica Shelby Emergency Communications Assn. Annual Hamfest. American Polish Century Club, Sterling Heights, MI. Contact Larry, WB8SJD, (586)873-9198.

e-mail: wb8sjd@arrl.net

web: <http://www.usecaarc.com>

Oct 30 Massillon ARC. 51st Annual Hamfest. Massillon Boys and Girls Club, Massillon, OH. Contact Terry, N8ATZ, (330) 837-3091.

e-mail: truss@sssnet.com

web: <http://www.w8np.org>

FCC Fine of \$12000 for Uncertified Transmitter

from AR Newsline

The FCC has issued a \$12,000 Notice of Proposed Liability to Power Ministries' owned low power FM station WRLE (LP), in Dunellon, Florida. This, after a June, 2010, investigation of interference to Federal Aviation Administration operations in the near-by city of Jacksonville revealed that the station's transmitter was the source.

After receiving the complaint from the FAA, an FCC agent used direction finding techniques and traced the interfering signal to the WRLE transmitter. When instructed by the agent to turn off the transmitter the operator on-duty refused to do so. Nor would the station owner authorize it. The agent then spoke to the station owner on the telephone, reiterating the safety of life hazard and requesting that the station turn off its transmitter. The station owner still refused to do so unless his station engineer

was present. Thirty minutes later, the owner himself arrived and allowed a station inspection and then turned off the transmitter.

While waiting for the owner to arrive, the field agent noticed the transmitter wasn't certified. The gear was a CSI exciter, model EX20F and a model FM250E PTEK amplifier. When the transmitter was turned off, the agent said that the spurious emissions and interference to the FAA ceased.

Power Ministries later told the FCC the non-certified transmitter had been used at WRLE from March to June of 2010. It added a certified transmitter was being used as of that July.

Normally low-power FM stations are only fined in the hundreds of dollars for rule infractions. But in making its decision to fine WRLE \$12,000, the Commission found the violations were particularly egregious because of the safety issues posed to flights into and out of the Jacksonville. ■

Brain Teaser answers: 1-d, 2-a, 3-c

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