

CQ CHATTER

VOLUME B9 • Issue #7 WOOD COUNTY AMATEUR RADIO CLUB

AUGUST 2008

P.O. BOX 534, Bowling Green, OH

<http://wcarc.bgsu.edu>

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Secretary
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K8OVO/K8NEA
N1RB
WD8JWJ

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Still No New Solar Cycle

excerpted from ARRL Letter

Report from Tad Cook, K7RA, week of July 21:

For several days over the past week, we saw a couple of sunspots -- but just like other recent dying Solar Cycle 23 spots, they faded quickly. This group, lasting from July 18-20, was number 1000. No sign of Solar Cycle 24 in recent memory, just a couple of false starts. There have been some interesting openings on 10 and 6 meters, but it will be quite awhile before things are booming again.

There are no predictions indicating more sunspots for the upcoming week. Predicted planetary A index for the near future is 5, with a slight increase to 8 on August 1 and a large increase to 20 on August 8. Geophysical Institute Prague predicts quiet geomagnetic conditions through the end of the month, except July 27, which is quiet to unsettled.

Sunspot numbers for July 17-23 were 0, 11, 12, 11, 0, 0 and 0 with a mean of

WCARC Weekly Net:

Tuesdays at 2130

147.18 & 444.475 MHz

Next Meeting

Business

MONDAY, AUGUST 11th

TIME: 7:30 PM

**PLACE: Sheriff's Training
Room, Dunbridge and Gypsy
Lane, Bowling Green**

4.9. The 10.7 cm flux was 65, 65.3, 66.4, 65.9, 66.2, 65.8 and 65.5 with a mean of 65.7. Estimated planetary A indices were 5, 5, 3, 3, 6, 11 and 16 with a mean of 7. Estimated mid-latitude A indices were 3, 5, 1, 2, 5, 9 and 12 with a mean of 5.3. For more information concerning radio propagation, visit the ARRL Technical Information Service Propagation page:

<http://www.arrl.org/tis/info/propagation.html>. To read this week's Solar Report in its entirety, check out the W1AW Propagation Bulletin page:

<http://www.arrl.org/w1aw/prop/> ■

Net Check Ins

July 1 WB8NQW (NC)

K3ITG/M

N8QMV

K8BBK

W8PSK

KG8FH

WD8ICP

WD8JWJ

K8NEA

N1RB

WB8VUL

KC8OUJ

KD8EGV

K8YLL (14)

July 8 K8OVO (NC)

N8QMV

WD8JWJ

K8NEA

WB8NQW

WB8VUL

K8BBK,

W8NYY

W8PSK

WD8PIC (10)

July 15 N1RB (NC)

N8QMV

K8OVO

K8NEA

WD8JWJ

WB8VUL

KG8FH

WB8NQW

N8WAC Tony

KD8AAK Joseph

K3RC (11)

WCARC

2 m/ 70 cm Net Control Roster

Net meets every Tuesday at 2130

Jul	29	N8QMV
Aug	5	WB8NQW
Aug	12	N1RB
Aug	19	K8OVO
Aug	26	WD8ICP
Sep	2	N8QMV
Sep	9	WB8NQW
Sep	16	N1RB

Brain Teasers

1. Starting at a positive peak, how many times does a sine wave cross the zero axis in one complete cycle?

- a.) 180 times
- b.) 4 times
- c.) 2 times
- d.) 360 times

2. What is meant by compandoring?

- a.) compressing speech at the transmitter and expanding it at the receiver
- b.) using an audio frequency signal to produce pulse-length modulation
- c.) combining AM and FM to produce a SSB signal
- d.) detecting and demodulating a SSB signal by converting it to a pulse-modulated signal

3. Which test instrument is used to display intermodulation distortion products from an SSB transmitter?

- a.) wattmeter
- b.) spectrum analyzer
- c.) logic analyzer
- d.) time domain reflectometer

August Contests

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

Aug 2-3	<i>0001 to 2359 Z</i>	10 m
Ten-Ten Int'l Summer Test		Phone
Aug 2-3	<i>1800 to 0600 Z</i>	80 m to 10 m
North American QSO Party		CW
Aug 2-3	<i>1800 to 1800 Z</i>	220 MHz on up
ARRL UHF 'test		all modes
Aug 9-10	<i>10000 to 2359 Z</i>	160 m to 10 m
WAE(urope) DX 'test		CW
Aug 11-13	<i>1600 to 2359 Z</i>	160 m on up
Maryland-DC QSO Party		all modes
Aug 16-17	<i>0600 to 1200 local</i>	10 GHz on up
ARRL 10 GHz and up 'test		all modes
Aug 16-17	<i>1800 to 0600 Z</i>	80 m to 10 m
North American QSO Party		SSB
Aug 16-18	<i>2000 to 0200 Z</i>	160 m on up
New Jersey QSO Party		all modes
Aug 23-24	<i>0700 to 2200 Z</i>	160 m to 10 m
Hawaii QSO Party		all modes
Aug 23-24	<i>1600 to 0400 Z</i>	80 m to 10 m
Ohio QSO Party		all modes
Aug 30-31	<i>1200 to 1200 Z</i>	80 m to 10 m
YO (Romania) DX 'test		all modes

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

The Portage County Amateur Radio Service, Inc. (PCARS)
announces the *first*

Ohio State Parks On The Air

Type to enter text
*Thanks to Rex, KC8PFP, for
his generous contribution*

2008

Ohio State Parks On The Air contest

Saturday, September 6, 2008, from 1600 UTC to 2400 UTC

There are **73** Ohio State Parks

Make a day of it and join us in the **FUN!**

*A special entry allows clubs compete to see which club activated the
greatest number of Ohio State Parks*



Visit a beautiful Ohio State Park and have
some Amateur Radio Fun at the same time!



Rules? Entry Forms? Log Sheets? Ohio State Park Information?

Check out all the details at: <http://parks.portcars.org>

While you're at it, check out the PCARS web site at: www.portcars.org

DON'T FORGET!

10 meter informal net meets

each Sunday at 2030

on 28.335 MHz

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