

# CQ CHATTER

MAY 2025

VOLUME B25 • ISSUE 3

## WOOD COUNTY AMATEUR RADIO CLUB

President	KG8FH	<u>Jeff Halsey</u>
Vice President	KD8VWU	Doug Perez
Secretary	N1RB	<u>Bob Boughton</u>
Treasurer	KD8NJW	<u>Jim Barnhouse</u>
Board Members	WB8NQW/WE8TOM	Bob Willman/Tom Leingang

### Minutes WCARC Meeting April 14, 2025

Jeff-KG8FH presiding

**Present:** Bob-N1RB, Jeff-KG8FH, Jim-KD8NJW, Doug-KD8VWU, Harold Nelson, Terry-KE8CVA, Tom-WE8TOM, Rick-KF8DXB, Bob-WB8NQW, Gary-KF8AQX, Roger-KE8QGV, Norm-KE8WTG, Wil-KC8IFW, Tim-KF8BGP

**Call to order:** by KG8FH at 7:30 with Pledge of Allegiance.

**Minutes:** Motion to approve minutes of the the February meeting as published in

the March issue of CQ Chatter (NJW/NQW) was approved unanimously.

**Treasurer's Report:** Motion to approve (NQW/RB) was passed unanimously.

#### Old Business:

- Tom (TOM) remarked that the Hancock County ARES had requested use of the Wood County ARES repeater for some of their operations. The consensus was to approve.
- Bob (NQW) said that at the TMRA hamfest he noted that the WCARC brochures were out of date and needed to be thoroughly revised. Rex (PFP) was the original author and will be contacted.

*continued on p. 6*

## Net Check Ins-I

**Apr 8**

**KD8VWU  
KD8RNO  
KE8CVA  
WD8ICP  
KC8EKT  
KG8FH  
KD8NJW  
WB8NQW  
KA8VNG  
N1RB  
WE8TOM  
KE8WTG  
KF8DJQ**

**Traffic: 0  
(NCS)**

**(13)**

**Apr 15**

**KG8FH  
N1LB  
KD8RNO  
KE8CVA  
KC8EKT  
KD8NJW  
WB8NQW  
KE8WTG  
N1RB  
WE8TOM  
KD8VWU**

**Traffic: 0  
(NCS)**

**(11)**

## Brain Teasers

1. Which of the following one-way transmissions are permitted?
  - a.) unidentified test transmissions of less than 10 seconds in duration
  - b.) transmissions to assist with learning the International Morse Code
  - c.) regular transmissions offering equipment for sale, if intended for amateur radio use
  - d.) all these choices are correct
2. Which of the following describes an azimuthal projection map?
  - a.) a map that shows accurate land masses
  - b.) a map that shows true bearings and distances from a specific location
  - c.) a map that shows the angle at which an amateur satellite crosses the equator
  - d.) a map that shows the number of degrees longitude that an amateur satellite appears to move westward at the equator with each orbit
3. Approximately how long does it take the increased ultraviolet and X-ray radiation from a solar flare to affect radio propagation on Earth?
  - a.) 28 days
  - b.) 1 to 2 hours
  - c.) 8 minutes
  - d.) 20 to 40 hours

# May Contests

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

<b>May 3-4</b>	<i>0001 to 2359 Z</i>	10 m
<b>10-10 Int'l Spring 'test-CW</b>		<b>CW</b>
<b>May 3-4</b>	<i>1200 to 1159 Z</i>	80 m to 10 m
<b>ARI (Italy) Int'l DX 'test</b>		<b>all modes</b>
<b>May 3-4</b>	<i>1300 to 0700 Z</i>	160 m to 10 m
<b>7th Call Area QSO Party</b>		<b>all modes</b>
<b>May 3-4</b>	<i>1500 to 0300 Z</i>	160 m to 10 m
<b>Indiana QSO Party</b>		<b>all modes</b>
<b>May 3-4</b>	<i>1700 to 2359 Z</i>	160 m to 10 m
<b>Delaware QSO Party</b>		<b>all modes</b>
<b>May 3-4</b>	<i>2000 to 2359 Z</i>	80 m to 10 m
<b>New England QSO Party</b>		<b>all modes</b>
<b>May 10-11</b>	<i>1700 to 0300 Z</i>	40 m to 10 m
<b>Canadian Prairies QSO Party</b>		<b>all modes</b>
<b>May 17-18</b>	<i>1200 to 1200 Z</i>	160 m to 10 m
<b>King of Spain 'test-CW</b>		<b>CW</b>
<b>May 17-18</b>	<i>1400 to 0200 Z</i>	160 m to 10 m
<b>Arkansas QSO Party</b>		<b>all modes</b>
<b>May 24-25</b>	<i>0000 to 2359 Z</i>	160 m to 10 m
<b>CQ WW WPX 'test-CW</b>		<b>CW</b>
<b>May 31-Jun 1</b>	<i>1200 to 1159 Z</i>	160 m to 10 m
<b>Russian WW Multimode 'test</b>		<b>all modes</b>

## Net Check Ins-II

**Apr 22** **Traffic: 0**  
(NCS)

**KD8NJW**  
**KE8CVA**  
**KC8EKT**  
**KG8FH**  
**WB8NQW**  
**KE8WTG**  
**N8VNT**  
**KA8VNG**  
**N1RB**  
**KD8VWU**  
**KF8DXB**  
**KE8QGV**  
**KD8RNO**  
**WE8TOM**

(14)

**Apr 29** **Traffic: 0**  
(NCS)

**WB8NQW**  
**KE8QGV**  
**KE8CVA**  
**KF8DJQ**  
**KG8FH**  
**KC8EKT**  
**KD8NJW**  
**KD8RNO**  
**W8PSK**  
**N1RB**  
**KE8WTG**  
**WE8TOM**  
**KF8DXB**  
**KD8VWU**

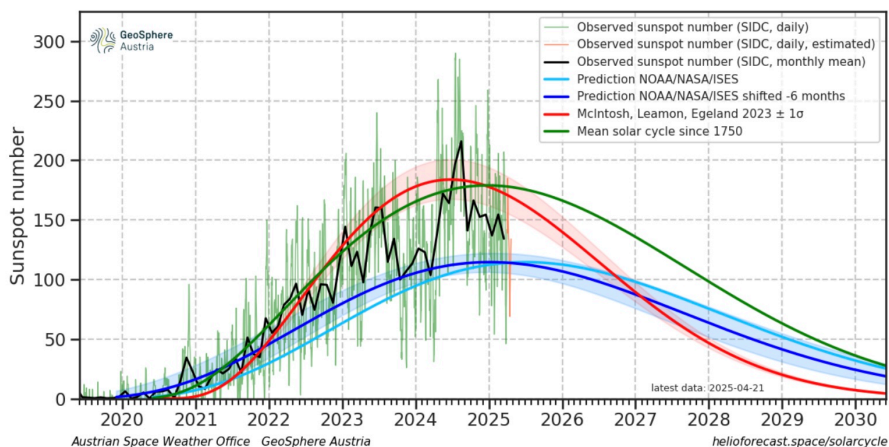
(14)

Brain Teaser answers: (G) 1-b, 2-b, 3-c

## Solar Cycle Maxing Out in July

from NASA

We plot here, daily updated, the predictions for the sunspot numbers for solar cycle 25, by the [NOAA/NASA/ISES panel \(from 2019\)](#) and from a prediction based on the timing of the so-called terminator event ([McIntosh et al \(2020\)](#)). In early 2023, this prediction was revised ([McIntosh, Leamon, Egeland 2023](#)) to a maximum of  $184 \pm 17$  SSN, peaking already in 2024, indicated in the plots above as the McIntosh, Leamon, Egeland 2023 forecast (red curve). This is still quite close to an average solar cycle (green curve).



Solar cycle 25 behaves clearly stronger than cycle 24, but its intensity is still mostly below an average cycle since 1750. For example, [Feynman and Ruzmaikin \(2014\)](#) show that the weak solar cycle 24 is consistent with a minimum of a 90-100 year cycle on top of the usual 11 year cycle (the Centennial Gleissberg Cycle, CGC). This could mean that future solar cycles in the upcoming decades may be stronger than cycles 24 and 25, if the CGC approaches another maximum. The current best estimate peaks in July, 2025 (light/dark blue curves), at a SSN value between 110 and 180. Get the HF rig out for some good DX in 3 months! ■

## WCARC Weekly Net

Tuesdays at 2100 all year  
147.18 MHz 67 Hz PL

### Net Control Roster

May	6	N1RB
May	13	KD8VWU
May	20	KG8FH
May	27	KD8NJW
Jun	3	WB8NQW
Jun	10	N1RB

## NEXT MEETING

### *Breakfast Meeting*

Saturday, May 3

TIME: 9:00 AM

PLACE:

Frisch's Big Boy  
E. Poe Rd. &  
N. Main St.  
Bowling Green, OH

## *10 meter Nets*

*Informal SSB group meets  
Sunday @ 20:30 local on  
28.335 MHz*

*Informal CW group meets  
Tuesday @ 20:00 local on  
28.050 MHz*

## *Fusion Net*

*Thursday*

*@ 19:30 local*

*on 442.125 MHz*

*Wires-X Operators  
welcome*

*Informal net*

*minutes p. 1*

**New Business:**

- Jeff related an offer from the Findlay Club of a Club Table for advertisement purposes only at the Findlay Hamfest on September 7. He will send in the form, and requested volunteers to man it.
- GOBA (Great Ohio Bicycle Adventure) will be in town at the Fairgrounds for two weekends. The current information is that they (over a thousand participants) will be here on the weekend of June 13, 14, 15, after which they leave for Port Clinton and parts beyond. They return on Saturday, June 22, from Fremont for one more night at the Fairgrounds.
- Jeff is in contact with a GOBA official, and will get the details fleshed out as soon as he hears. Volunteers with HTs will be needed to man busy intersections for the short tours that the riders will take on these weekends. He will likely recommend that GOBA uses the ARES repeater as it has a wider coverage.
- A sign up list was circulated, and anyone else who wishes to volunteer is encouraged to contact Jeff.
- Field Day this year is to be held on June 28-29. As usual, set up will begin at noon on Saturday. More specific assignments will be made at the June

Business Meeting. One suggestion is to hold the evening meal as a potluck this year in order to make it a more family-oriented experience.

- Roger reported on the VE session that preceded the meeting. There were three candidates with two passing.

**Adjournment:** at 8:18 by unanimous consent. ■

**It's Time to Renew  
Dues Payable to:  
WCARC, P. O. Box 534  
Bowling Green, OH  
43402**

**Regular: \$15  
Family: \$20  
Senior/Student: \$10**

**Second Saturday of  
Each Month  
Join Mike-W8CJJ and  
Mike-KC8MM for breakfast**

***Frisch's Big Boy—9 AM  
N. Main St. and E. Poe Rd.  
Bowling Green***

# May Hamfests

**May 10 Hamfest. General Motors ARC.** Packard Proving Grounds, Shelby Township, MI. **web:** [www.gmarc.org](http://www.gmarc.org)

**May 16-18 Hamvention. Dayton ARA.** Greene County Expo Center, Xenia, OH. **web:** [www.hamvention.org](http://www.hamvention.org)

## 73rd Hamvention Coming

The World's largest ham radio get-together is being held this year on the weekend of May 16-18, at the Greene County Exposition Center in Xenia. The event had its origins in 1952, when the Dayton ARA first held the event in the downtown Biltmore Hotel.

In 1964, due to space limitations, Hamvention was moved to the Hara Arena on the north side of Dayton. Although the old hockey arena served well for many decades, with the advent of the new millennium, it was evident that Hara was not going to last very much longer. The old girl was showing her age, and by the mid-2010's was scheduled for demolition.

As a result the Hamvention was moved in 2017, to the Greene County Exposition Center in Xenia, where it has thrived ever since. In 2024, a new attendance record of 35,877 was set, so it appears that the transition to the new location has been successful.

If you are new to the hobby, living in NW Ohio gives you a special opportunity to visit the nearby ham show. All of the major communications vendors will be there,

showing off their latest products. There is also a full slate of technical and operating forums held throughout each day of the event. The ARRL will be there in full force to help you learn more about whatever aspect of the hobby might interest you. A big attraction is the flea market, where individuals hawk their wares. For more information and ticket purchasing, go to: [hamvention.org](http://hamvention.org). There are also many food stands available for meals on the grounds. ■

## April Breakfast Report

*by Mike Stacklin-W8CJJ*

Those attending the monthly breakfast at the Big Boy were: Mike-KC8MM, Mike-W8CJJ, Terry-KE8CVA, Bob-WB8NQW, Bob-N1RB, Kevin-KF8DJQ, Bruce Siders ( studying for license ) Jim-KD8NJW and Rick Leuck ( studying for his license ). I asked a question about the possibility of Technician Class operators getting to operate 75/80 m SSB. I called ARRL Headquarters and talked to them about the idea. I was told something was in the works, so stay tuned! ■

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**WOOD COUNTY ARC  
P.O. BOX 534  
BOWLING GREEN, OH  
43402**

