



# PEAKS & NULLS



**MORRIS RADIO CLUB**

Volume X, Issue IX  
September 17, 2020

## WELCOME NEW MEMBERS

We gained two new members last month. Mark Fltecher K2MJF in Ringwood and Matt Lembo W2MHL in Hackettstown. Welcome to both of you.

## WHAT'S YOUR GUESS ?

Carl Luetzelschwab K9LA is well know in the Amateur community for his articles on Propagation. He has compiled a list of the 27 Sunspot predictions for cycle 25 that he is aware of. They range from a low of 50 +/- 7 to a high of 229 +/-25. Most of them are predicting a maximum in the 2023-2024 time frame although one of them is predicting the peak in 2027. What all this means is that nobody knows for sure. There was also a wide range of predictions for Cycle 24. The NOAA/NASA panel was split down the middle so they issued two predictions. One low and one high. The low one turned out to be the most accurate. Nine of the twenty seven predictions (33%) are for a maximum smoothed sunspot number in the 100-124 range. Nineteen of the twenty seven predictions (70%) are for a maximum smoothed sunspot number between 75 and 149. And twenty six of the twenty seven (96%) predict that Cycle 25 will be equal to or smaller than an average cycle, which is 179 for all twenty four cycles. One bright point may be that the group making the 229 prediction says that they have a 69% confidence in their number. Cycle 24 peaked at 81.9 in April 2014. Cycle 23 peaked at 120.8 in April of 2000. I got DXCC on 10 Meters that year. It seemed that if I could hear them on 10 I could work them. My DXCC awards on 40, 20 and 15 also happened on Cycle 23 so if Cycle 25 goes higher than 120.8 we should be in good shape. By the way that 10 Meter DXCC was done with a dipole in my attic running 100 watts. The others with a Windom bent up to fit my lot so, with decent sunspots it doesn't take much to work the world. It should be interesting to see what stations do with FT8 during the next peak.

## VIRUTAL MEETINGS FOR THE FORESEEABLE FUTURE

The Morris School District has implemented the following procedure:

- Building use by outside organizations/agencies will not be permitted without extenuating circumstance approval by the MSD Business Administrator and Superintendent.

So it will be virtual meetings until further notice.

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Craig WR2G came in 1st in the 2020 CQ WW WPX SSB Contest Tri Bander 2nd call area assisted division. He was also 8th in North America, 7th in the US and 30th in the World.



## UPCOMING MEETINGS

September 21, 2020 Virtual business meeting  
 October 19, 2020 Virtual business meeting  
 November 16, 2020 Virtual business meeting  
 December 21, 2020 Holiday Get-Together ?

## SELECTED UPCOMING CONTESTS

ARRL 10 GHz and Up Contest	0600 local, Sep 19 to 2400 local, Sep 20
Scandinavian Activity Contest, CW	1200Z, Sep 19 to 1200Z, Sep 20
New Hampshire QSO Party	1600Z, Sep 19 to 2200Z, Sep 20
Washington State Salmon Run	1600Z, Sep 19 to 2400Z, Sep 20
New Jersey QSO Party	1600Z, Sep 19 to 0359Z, Sep 20
North American Sprint, RTTY	0000Z-0400Z, Sep 20
144 MHz Fall Sprint	1900 local-2300 local, Sep 21
CQ Worldwide DX Contest, RTTY	0000Z, Sep 26 to 2400Z, Sep 27
Maine QSO Party	1200Z, Sep 26 to 1200Z, Sep 27
10-10 Int. 10-10 Day Sprint	0001Z-2359Z, Oct 1
German Telegraphy Contest	0700Z-0959Z, Oct 1
SARL 80m QSO Party	1700Z-2000Z, Oct 1
Oceania DX Contest, Phone	0800Z, Oct 3 to 0800Z, Oct 4
California QSO Party	1600Z, Oct 3 to 2159Z, Oct 4
Makrothen RTTY Contest	0000Z, Oct 10 to 1559Z, Oct 11
Nevada QSO Party	0300Z, Oct 10 to 2100Z, Oct 11
Oceania DX Contest, CW	0800Z, Oct 10 to 0800Z, Oct 11
Scandinavian Activity Contest, SSB	1200Z, Oct 10 to 1200Z, Oct 11
Arizona QSO Party	1600Z, Oct 10 to 2359Z, Oct 11
Pennsylvania QSO Party	1600Z, Oct 10 to 2200Z, Oct 11



## PREDICTED SUNSPOT NUMBER AND RADIO FLUX FOR OCTOBER 2020

### \*\*\*SUNSPOT NUMBER\*\*\*

#### PREDICTED HIGH LOW

1.9 11.9 0.0

### \*\*\*10.7 RADIO FLUX\*\*\*

#### PREDICTED HIGH LOW

60.6 69.6 60.0

## AUGUST MEETING MINUTES

Morris Radio Club – Meeting Minutes

August 17, 2020

The meeting was held by video teleconferencing

Attendees (11) K2EMJ, KC2RDX, K72D, N1NMD, NO2EL, W2GM, WA2VQF, WA2YCI, WR2G, WS2Q, ndd three visitors K2GG, W2MHL and K2MJF

A quorum was present.

Opening of Meeting

President Ed opened the meeting at 8:03 PM

Reports:

Secretary – Bill WA2VQF reported that July minutes were issued in the August Peaks and Nulls Newsletter. There were no corrections received.

Craig WR2G moved that the Secretary report be accepted. Rob KC2RDX Seconded. The Secretary report was accepted.

Noel NO2EL presented the treasurers report for August. The actual numbers are available from Noel.

Joe N1mid moved that the Treasurers report be accepted. Carl WA2YCI Seconded. The Treasurers report was accepted.

Noel reminded the members to pick the club when shopping on Amazon.

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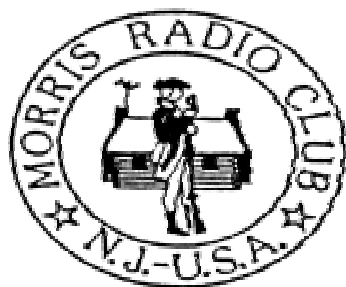


## MORRIS RADIO CLUB

K2EMJ	ED PETERS	PRESIDENT
W2GM	MARK SUGARMAN	VP
WA2VQF	BILL LOFTUS	SECRETARY
NO2EL	NOEL SCHEFFEN	TREASURER

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**THE MORRIS RADIO CLUB IS AN ORGANIZATION OF AMATEUR RADIO OPERATORS WHICH HAS BEEN IN EXISTENCE FOR OVER 70 YEARS. AS A HOBBY, AMATEUR RADIO SERVES AS A PUBLIC RESOURCE FOR COMMUNICATIONS AS WELL AS AN EDUCATIONAL EXPERIENCE.**

**ALTHOUGH MANY WHO BECOME INTERESTED IN AMATEUR RADIO ARE INVOLVED IN AN ELECTRONICS RELATED FIELD, THE HOBBY APPEALS TO A WIDE VARIETY OF INDIVIDUALS.**

**THE MEMBERSHIP OF THE MORRIS RADIO CLUB IS A DIVERSE GROUP MADE UP OF MEDICAL, BUSINESS, EDUCATION, AND LAW ENFORCEMENT PROFESSIONALS, AMONG OTHERS, WHOSE COMMON INTERESTS ARE COMMUNICATION, EDUCATION, AND PUBLIC SERVICE.**

## HAMFEST CALENDAR

### BARA Fall Hamfest

10/10/2020

**THIS HAMFEST HAS BEEN CANCELLED**

*(Continued from page 3)*

#### Old Business

There was no old business

#### New Business:

Noel received a letter from the ARRL Foundations naming the MRC Scholarship winner and showed the winners facebook page where she mentions that she is the scholarship winner.

Harvey reported that there will be a new net held on the Morris county Repeaters at 6:30 PM

Sid reported that he will not be holding any VE sessions until

the Governor allows indoor gatherings. Outdoors takes too many VE's

Harvey WS2Q moved that the meeting be closed. Joe N1MID Seconded

The meeting was closed at 8:22 PM.

WA2VQF

MRC Secretary