



PEAKS & NULLS



MORRIS RADIO CLUB

Volume XIII Issue II

February 16, 2023

OUR MR. SUN

Noel and I may be the only ones that remember that show. It was the first show in the Bell Telephone Science Series. It was written, produced, and directed by Frank Capra and televised in color in 1956. We know a lot more about the sun than they did back then but, apparently not enough. 96% of the predictions for Solar Cycle 25 except one had Cycle 25 equal to or smaller than an average cycle which is a Smoothed Sunspot Number of 179. Cycle 24 peaked at 81.9 in April 2014. On January 20th we hit a Sunspot Number of 197. The last time it was that high was in 2014. The one group that predicted higher is calling for an SSN of 229. There are different ways to calculate the SSN but, the most common is to use a 13-month smoothed monthly sunspot number that is derived by a "tapered-boxcar" running mean of monthly sunspot numbers over 13 months centered on the corresponding month. In other words every month they drop the first month numbers and add the new month and then recalculate. From my observations another indicator of a good cycle may be how fast the sunspot number rises from the bottom of the previous cycle. The famous Cycle 21 took one and a half years to get to 100. Cycles 22 and 23 took two years. Cycle 24 took three years and Cycle 25 has taken two years. Of course, only time will tell.

I know I've mentioned it before but, Dr. Tamatha Skove has solar predictions on her You Tube channel <https://www.youtube.com/c/TamithaSkov>. She usually has a new one every week or so. She is a research scientist at The Aerospace Corporation in the fields of solar and space physics and evaluates materials for use in space radiation environments. She has undergraduate degrees in both Chemistry and Physics and a PHD in Geophysics and Space Plasma Physics. She has 27,000 Twitter followers and 53,800 YouTube subscribers. In the January 17th edition she was showing what happened to the FT8 contacts when a couple of radio blackouts happened. Also for you guys that go north on the weekends she gives Arora predictions and sometimes shows pictures that have been sent to her of Arora from around the globe.

SILENT KEYS

In looking at the Silent Keys in the February QST, our old friend Sister Irma KC2MFL was listed but so was another old timer. Gene Filipponi AG2R. Gene lived in Lake Hiawatha but passed away at his daughters house in Ohio. I can still see him roaring into Field Day on the hill on his Motorcycle. He was also very active on the CW traffic nets.

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FEBRUARY PROGRAM

At the February meeting Noel NO2EL will be giving his presentation on FT8 operation.



UPCOMING MEETINGS

February 20, 2023 In Person & Virtual Regular business meeting

March 20, 2023 In Person & Virtual Regular business meeting

April 17, 2023 In Person & Virtual Regular business meeting

May 15, 2023 In Person & Virtual Regular business meeting

Newton NJ

02/17/2023

Sponsor: SCARC

Date: Feb 17 2023

Time: 7:00 PM (Walk-ins allowed)

Contact: Sid Markowitz
(973) 663-0518

Email: K2GG@ARRL.NET

VEC: ARRL/VEC

Location: Sussex County Public Safety Training
114 Morris Tpke
Newton NJ 07860-4912

2023 DUES

2023 DUES

Mark W2GM is now accepting dues payments for 2023. \$15.00 for full membership, \$10.00 for associate. If you have a PayPal account, dues can now be paid by using Pay-Pal.

Mount Arlington NJ

SELECTED UPCOMING CONTESTS

ARRL School Club Roundup	1300Z, Feb 13 to 2359Z, Feb 17
VHF-UHF FT8 Activity Contest	1700Z-2100Z, Feb 15
RSGB 80m Club Championship, Data	2000Z-2130Z, Feb 15
ARRL Inter. DX Contest, CW	0000Z, Feb 18 to 2400Z, Feb 19
RSGB 80m Club Championship, CW	2000Z-2130Z, Feb 23
CQ 160-Meter Contest, SSB	2200Z, Feb 24 to 2200Z, Feb 26
South Carolina QSO Party	1500Z, Feb 25 to 0159Z, Feb 26
North Carolina QSO Party	1500Z, Feb 26 to 0100Z, Feb 27
RSGB FT4 Contest	2000Z-2130Z, Feb 27
ARRL Inter. DX Contest, SSB	0000Z, Mar 4 to 2400Z, Mar 5
Novice Rig Roundup	0000Z, Mar 4 to 2359Z, Mar 12
Oklahoma QSO Party	1400Z, Mar 11 to 2100Z, Mar 12
Stew Perry Topband Challenge	1500Z, Mar 11 to 1500Z, Mar 12
EA PSK63 Contest	1600Z, Mar 11 to 1600Z, Mar 12
Idaho QSO Party	1900Z, Mar 11 to 1900Z, Mar 12

03/13/2023

Sponsor: Split Rock ARA

Date: Mar 13 2023

Time: 7:00 PM

(Walk-ins allowed)

Contact: Sid Markowitz

(973) 663-0518

Email: K2GG@ARRL.NET

VEC: ARRL/VEC

Location: Mt. Arlington Civic Center
1 Fern Place
MUST have an FRN & email address
Mount Arlington NJ
07856-9999



PREDICTED SUNSPOT NUMBER AND RADIO FLUX FOR MARCH 2023

*****SUNSPOT NUMBER*****

*****10.7 RADIO FLUX*****

PREDICTED HIGH LOW

PREDICTED HIGH LOW

76.1 85.1 67.1

111.4 120.4 111.4

JANUARY MEETING MINUTES

Morris Radio Club – Meeting Minutes
January 16, 2023

The meeting was held both in person and by video teleconferencing

Attendees (12) In Person: K2EMJ, K2SCH, KA2HZP, KE2ACW, N1MID, NO2EL, W2GM, WA2LAN, WA2VQF, WA2YCI, W3CJD

Virtual: WR2G

A quorum was present.

Opening of Meeting

President Noel opened the meeting at 7:30 PM

President Noel greeted everyone and then went over what activities the club usually participates in and what he hopes to accomplish during his term.

Reports:

Secretary – Bill WA2VQF reported that there was no December meeting so no minutes were published.

Craig WR2G moved to accept the Secretary report. Joe N1MID seconded. The report was accepted.

Noel NO2EL reported the December Treasurers Report:

Activity: Confirmed Amazon Web fees. Renewed Club liability insurance. Recorded 2023 Dues.

Received Amazon donation.

Statement: The IRS now requires the following disclosure concerning the Club's use of paid lobbyists during the previous year be read to all members:

To All Morris Radio Club Members: During the calendar year 2022, the Morris Radio Club

Incorporated did not use any paid lobbyists and, therefore, zero percent (0%) of your 2022 dues payment were used by the Club to directly pay a lobbyist firm to lobby on behalf of all our members regarding pending legislation that impacts our hobby.

Treasurer – Mark W2GM reported the January account balances::

Activity: Confirmed Amazon Web fees. Recorded 2023 Dues and Donation

Pat K2SCH moved that the Treasurers report be accepted. Joe N1MID Seconded. The Treasurer's report was accepted.
Old Business:

A Field Day discussion was picked up again. It was decided to add a phone station and operate in the 3A category. We have the Yeasu 450D and a computer for logging. We also have the Dunestar filter already configured for BCD operation. All we have to do is change a connector. Bill WA2VQF has K2DEU's R7 vertical which can be used. Pat K2SCH has volunteered to be the station manager.

New Business:

Noel No2EL brought up the problems with configuring the current audio/video equipment for use at the meetings. He asked for permission to spend up to \$400.00 for anew Audio switcher and wireless microphones to have a system that any member present can operate. A voice vote was positive. Ed K2EMJ mentioned a Morris County group he saw on Facebook that was studying for their licenses. Mike KE2ACW

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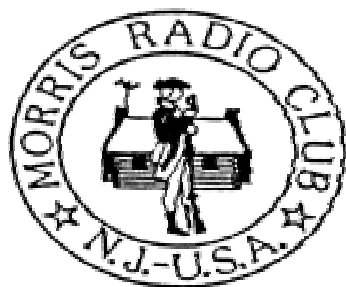


MORRIS RADIO CLUB

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

E-mail: morrisradioclub@gmail.com

WWW.MORRISRADIOCLUB.ORG



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(KE2MM AS OF 1/18/23) said that he knew the group and he was helping them along with giving them a presentation about Amateur Radio,

Pat K2SCH made a motion to close the meeting. Ed K2EMJ seconded
The meeting was closed at 9:03 PM

WA2VQF
MRC Secretary

THE MORRIS RADIO CLUB IS AN ORGANIZATION OF AMATEUR RADIO OPERATORS WHICH HAS BEEN IN EXISTENCE FOR OVER SIXTY FIVE 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

New Providence ARC Auction

02/25/2023

Location: Salt Brook School cafeteria
40 Maple Street
New Providence, NJ 07974

Website: <http://www.nparc.org>

Long Island Hamfest and Electronics Fair

02/26/2023

Location: Levittown Hall
201 Levittown Parkway
Hicksville, NY 11801

Website: <http://www.limarc.org>

Cherryville Repeater Association Hamfest and Technology Expo 2023

03/11/2023

Location: North Hunterdon Regional High School
1445 Route 31
Clinton (Annandale), NJ

Website: <https://www.w2cra.org/>