

M2M News Beacon



Prez's Preface



*"Indoors or out, no one relaxes
In March, that month of wind and
taxes,
The wind will presently disappear,
The taxes last us all the year."*

Ogden Nash (1902–1971),
"Thar She Blows" [Tax Day used
to be March 15th from 1918
through 1954, not April 15th as
we know it today.]

On a good note, friendships
made in M2M last a lifetime,
not just a year!

The M2M Board of Trustees is
encouraging new friendships
by giving a free M2M
membership to all new
Technician licensees, if

attending an M2M meeting
within three months after
obtaining their first license.
Newbies attending January-
June get a free membership
to the end of the year. If
attending July-December, the
free membership extends to
the following July.

Enjoy old friendships at both
the Dayton Hamvention,
Greene County Fairgrounds
& Expo Center to be held
May 17-19th this year, and at
the Valley City, Mill Stream
Park, M2M Field Day
activities on June 22-23rd.

Mark your calendars.

Just a reminder, Ed Eyerdom
K8NVR will hold a pre-
meeting, FT8 session at
6:00pm *before* our regular
meeting at the JVS on March
11th. Please contact Ed
eeverdom@gmail.com if you
plan on attending. Jack
Nilsson N8NDL will give a
presentation on his patented
COMPACTenna during our
regular meeting.

Think Spring!
73,
Jane@K8JGR.radio
216-570-8500

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From the Section Emergency Coordinator Stan Broadway, N8BHL - SEC

The Ohio ARES VHF Simplex Contest – another success! The numbers are in for the 2019 simplex contest, and we look pretty good! We received scores from at least 40 stations representing 22 counties in Ohio. We amassed over 4400 QSO points which involved 306 county contacts. Total score was 89,741. It seemed the majority of the operators ranged from 2 to 4 hours, with several of the top scores working all 6.

And the scores are in! Here are the top ten!

1. K8QGB	Colombiana	33,760	2. WW8TF/Rov	Rover 8 co's	29,575
3. KD8VT	Portage	4,625	4. N8LRG	Knox	4,563
5. K8FH	Lorain	3,663	6. W8EOC	Medina	3,157
7. KE8JLG	Delaware	1,632	8. N8WAC/W8RF	Wood	1,403
9. W8TB	Medina	910	10. W9TCO/Rov	Rover	684



M2M January 14 Meeting Minutes

Due to being out of town, the Secretary's Minutes for January will be passed around for review at the March General Meeting.

M2M February 11 Meeting Minutes

Meeting called to order at 7:30 P.M at the Senior Center.

Members stood to recite the Pledge of Allegiance. Each member then gave his/her name and call sign.

The minutes from the January meeting were not available due to the absence of the Secretary. These minutes will therefore be presented at the March 11, 2019 meeting.

Gail KD8GGM presented the Treasurer's report: Checking account balance as of 1-1-2019: \$7629.46. Income from dues: \$232.50, so ending balance 1-31-19: \$7861.96. Gift card account beginning and ending balance of \$3599.62. Motion was made to accept the Treasurer's report by Rick KE8CSW, seconded by Fred K8FH, and unanimously approved.

It was proposed by Jane K8JGR that new hams be given a free 1 year membership in the M2M club to encourage membership growth.

Baji K8IIT was not present due to a previous commitment, but he has proposed holding a children's net on perhaps Friday or Saturdays to get young people interested in participating in ham radio.

ARES - MECARS: Jim W8UQZ reported that things have been quiet so he had nothing to report.

Program committee: Tonight Jim W8UQZ will present information on kit building. In March, at 6 P.M., Ed K8NVR will hold an informal session about using FT8. It will be hands on, for those who have downloaded the program and need help using it. It will be held at the JVS in the usual room #246, and will proceed our regular club meeting. Also, at the March meeting, Jack Nilson N8NDL will present a program on the antennas he designs and builds.

Education committee: Technician classes will be held for the next 6 weeks, beginning Thursday February 14. Classes will be held at the JVS in room 246. The last class on March 21 will offer the technician test session. ARRL authorized test VE's Fred K8FH, Ed K8NVR, Tracy W8TWL, and Jane K8JGR have offered to administer the test. Please note - only instructors, class attendees, and the parent or legal guardian of minor class members are allowed to attend these class sessions so that the large amount of material can be covered in a timely manner.

The Dayton Hamvention will be held May 17 to 19. Toby WT8O says CARS is working to get their bus planned. The Pioneer Amateur Radio Club out of Akron has run a bus in the past and plans to also have one this year.

Field Day is June 22 and 23, 2019. Ray K2RWO has already reserved the Valley City Park like 2 years ago
Old business: The new Code of Regulations, which has been proposed to update our 2010 Bylaws, was next. Since it has had the required 2 readings, and has been posted on the website for 2 months, Ed K8NVR made a motion to accept the new Code of Regulations, seconded by Dave KE8APO. A discussion followed, with the main point being unwritten policies of the M2M club need to be clarified, and ARRL sample Constitution and Bylaws should be studied. It was pointed out that Bylaws, Constitution, and Code of Regulations are really synonyms for the same rules for the club. A verbal vote was taken, with the majority approving the acceptance of the new Code of Regulations, and a few opposed. Therefore, the Code of Regulations has been adopted by the M2M Club as of 2-11-19.

There was no new business. Doug KD8SST made a motion to adjourn, with Gail KD8GGM seconding and the motion unanimously passed. The meeting was adjourned at 7:50 P.M.

Jim W8UQZ then gave a presentation on the equipment needed and measuring tools, soldering, and kit building. He presented several tools and many kits he had built.

These minutes presented by VP Diane KD8SSX in the absence of Secretary Ray K2RWO

March 11, 2019 General Meeting with Pre-Meeting

M2M's March 11th General Meeting will be held at the **Medina County Career Center (JVS)** from **7:30 to 9:00pm**.

At 6:00pm, Ed Eyerdom K8NVR will present an intermediate-level, hands-on training demonstration of FT8 for those who would like to learn more about FT8. Please contact Ed eeeyerdom@gmail.com if you are interested in attending the *pre-meeting* session.

At our 7:30pm General Meeting, **Jack Nilsson N8NDL** will give a presentation oriented around the science & technology of his patented COMPACtenna. You do not have to be an M2M member to attend.



M2M Calendar

March 11, 2019	General Meeting	JVS
April 8, 2019	General Meeting	JVS
May 13, 2019	General Meeting	

General Meeting Venues:

JVS = Medina County Career Center
Room 246
1101 West Liberty Street
Medina 44256

Sr = Medina County Senior Center (Basement)
aka: Medina County Office for Older Adults
246 Northland Drive
Medina 44256

Meetings start at 7:30pm

Ohio ARRL Hamfests

03/03/2019 Winter Hamfest

Location: Lorain County Community College, 1005 North Abbe Road
Elyria, OH 44035

www.noars.net/hamfests/noarsfest

Sponsor: Northern Ohio Amateur Radio Society

Talk-In: 146.70 (PL 110.9)

Contact: Tom Porter W8KYZ

Phone: 440-930-9115

Email: tporter161@oh.rr.com

03/16/2019 Gallipolis Ohio Hamfest

Location: Gallia County Senior Citizens Center
1165 Street Route 160
Gallipolis, OH 45631

TypeSponsor: Mid-Ohio Valley Amateur Radio Club

Email: docdiesel@hotmail.com

03/17/2019 Hamfest and Computer Fair

Location: Owens Community College, 30335 Oregon Road
Perrysburg, OH 43551

Sponsor: Toledo Mobile Radio Association

www.tmrhamradio.org

ARRL Contests

March 2019

03/2-3/19

International DX Phone Contest

Logs due: 2359Z Mar 10



Member of the Month – Keith Michal W0AHA

Name, Call Sign, and Tech/General/Extra?

Edwin Keith Michal W0AHA, Extra

How long have you been a Ham?

About 25 years. I retired in 1995 and that is when I got my license. We moved to South Texas and that is where I passed the extra exam. During 20 years in Texas I volunteered as an Examiner. With my wife we started a literacy center and a community theater, both of which are still operating.

How long have you been a member of M2M?

I moved to Medina in 2015 and joined about then.

Family Members who are Hams?

My call sign WQ0AHA was my uncle's. He started just after WWII. My brother was W0CBC and he was the one that influenced me the most. He had a group of Hams that worked as high speed operators during the war. After the war they continued to radio each other every morning for 50 years. More recently my son, Scott, here in Medina, was licensed KE8HCZ.

What/Who got you interested in Amateur Radio?

As a boy I always listened to shortwave radio when we visited my grandfather. My dad was building crystal radios in the 1920's and that resulted in a job in radio work at Montgomery Ward during the depression. Electronics has always been an interest of mine. As a brain researcher at Ohio State, I built much of my research electronics from scratch. I have grown along with the development of computers and they have been an integral part of my research work. All this has led to Ham Radio.

What modes of operation do you like best?

We were required to pass 5wpm Morse as an Airforce pilot. I passed the 5wpm Ham test when I first retired. I still have difficulty receiving CW and it's not worth the work involved. I usually transmit voice on 40 meters. I bought a Signalink, but my digital setup is not working yet. It might be that the Kenwood 440 that I'm using requires a filter.

Current Projects:

My wife and I are working with the residents in the memory care unit here at Western Reserve Masonic Home. Not radio.

Favorite Rig:

I started with a hand-me-down Kenwood 120 from my brother. That died 15 years ago, so I purchased a 440 at a swap meet for \$250. It is working fine. Since I have restrictions on antenna placement here in the retirement home setting, I'm using an MFJ 1796 vertical dipole antenna that covers 2 thru 40 meters.

What would you like to learn more about?

QRP when I get CW speed improved.

What line of work were/are you in?

I retired 23 years ago as a Professor of Physiology at Ohio State University.

Other Hobbies?

Flying, photography, genealogy, computers, music and building equipment.

What would you like to see in M2M?

Continue the excellent programs about different aspects of Hamming.



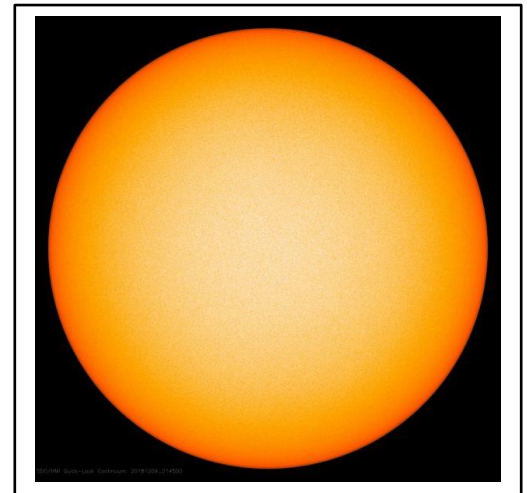
What will the sun do next?

Many have predicted a weak sunspot cycle in the years ahead, but new work from India suggests otherwise. The work dashes speculations of a sun-induced global cooling of Earth's climate in the coming decade.

It is thought that the current sunspot cycle – cycle 24 – will approximately span the years 2008 to 2019. In other words, we haven't reached the lowest ebb of the cycle yet, and no one knows exactly when it will come, but solar physicists think we're probably close. This cycle has been an odd one, with fewer dark sunspots visible on the sun's surface than expected. Now, with the next cycle due to start, we're beginning to see projections for what will happen when the sun revs up again and begins producing more sunspots. Will the next sunspot cycle be more "normal" or will we again see a decreased number of spots?

On December 6, 2018, the Center of Excellence in Space Sciences India (CESSI) reported that two of its scientists have made a prediction for the upcoming sunspot cycle. Solar physicist Dibyendu Nandi and his Ph.D. student Prantika Bhowmik devised a new prediction technique, which simulates conditions both in the sun's *interior*, where sunspots are created, and on the solar *surface*, where sunspots are destroyed.

Earlier predictions (like this one) have suggested the coming sunspot cycle 25 will be weaker than the current cycle 24. But, based on their model, Nandi and Bhowmik believe cycle 25 might be similar to or even stronger than 24. They expect the next cycle to start rising about a year from now and to peak in 2024. Their work was published December 6, 2018, in the peer-reviewed journal *Nature Communications*.



This was Sunday's sun – December 9, 2018 – as seen on *The Sun Now* page of NASA's Solar Dynamics Observatory (SDO). Notice ... no sunspots.

Why should we care?

Indeed, many people do care about solar activity, due to the sun-Earth connection. High activity on the sun can negatively affect some earthly technologies, for example, electric grids and orbiting satellites. So – as Nandi and Bhowmik point out – an accurate prediction of a coming solar cycle might help space scientists plan satellite launches and estimate satellite mission lifetimes.

Another sun-Earth issue has particularly grabbed the public's imagination: a little-understood, possible link between activity on the sun and Earth's climate. A statement from CESSI explained the climate question:

The current sunspot cycle, dubbed as solar cycle 24, is just ending, and it has been one of the weakest cycles in a century. In fact, over the last several decades, successive sunspot cycles have significantly weakened in strength, and some earlier studies based on simplistic statistical approaches have claimed a significant weakening of the sun's activity is imminent, resulting in a loss of sunspot cycles.

The last such episode, known as the Maunder minimum, occurred between 1645 and 1715 and coincided with the Little Ice Age, a period of long winters and global cooling.

Continued next page...

What will the sun do next? *Continued*

Was there a causative link between reduced sunspot numbers and the Little Ice Age? In other words, did weakened activity on the sun *cause* the Little Ice Age? If so, could a series of weak solar cycles cause another global cooling in the years ahead? If that happened, the cooling would be laid on top of the ongoing trend of global warming, which virtually all climate scientists agree is caused by human activities.

For scientists, there are two big problems with the idea of a sun-caused cooling (or a sun-caused warming, for that matter). First, *no known physical mechanism* has yet been found, explaining exactly how a change in solar activity affects Earth's climate.

Second, scientists are aware of *only one episode* of decreased sunspots during a time of global cooling. The coincidence of the Maunder Minimum and Little Ice Age is suggestive, yes. But, for scientists, it doesn't *prove* anything.

Still, the coincidence exists, and the idea is intriguing. And so it's tempting to ask if a significantly weak sunspot cycle 25 – in the coming decade – would *temporarily alleviate* ongoing global warming. Scientists have, in fact, been asking this question.

According to Bhowmik and Nandi, all that sort of speculation may be moot. The sun might come roaring back into something like more "normal" activity in the decade ahead; it might begin producing many more sunspots. Please note that I'm putting "normal" in quotes because no one knows what "normal" really is, for the sun.

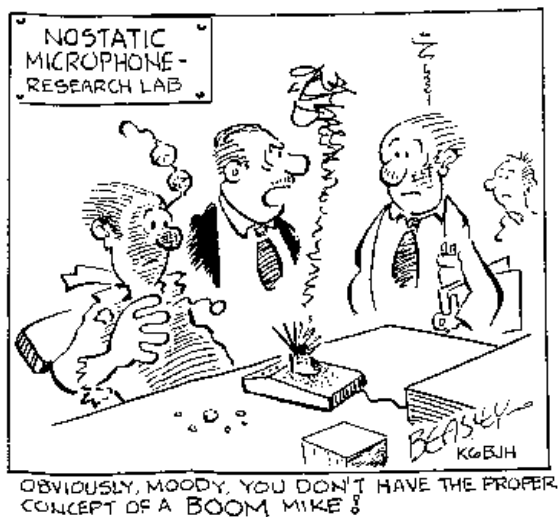
Bhowmik and Nandi sounded confident when they said:

[We] find no evidence of an impending disappearance of sunspot cycles and thus conclude that speculations of an imminent sun-induced cooling of global climate is very unlikely.

Are they right? Will their model prove to be predictive for solar cycle 25? Time will tell.

By Deborah Byrd in *Space* | December 10, 2018

Hamateur Antix



M2M Repeater Summary

05/11/2018

				Repeater Directories		
Call	Location	Function	Repeater Input	Repeater Output	CTCSS (PL)	Band
W8EOC	Medina (Main Site)	Repeater TX & RX	147.630	147.030	141.3	2 Meter
W8EOC	Brunswick (North)	Receive only	147.630	From Main Site	131.8	2 Meter
W8EOC	Lafayette (South)	Receive only	147.630	From Main Site	88.5	2 Meter
W8EOC	Lafayette	Split Site Repeater	51.160		107.2	6 Meter
	Litchfield			51.660		
W8HN	Medina	Digital C4FM TX & RX Repeater	147.885	147.285	(0)	2 Meter
		Analog TX & RX Repeater	147.885	147.285	(110.9)	2 Meter
W8UQZ	Medina	Repeater TX & RX	223.260	224.860	-	1.25 Meter
W8EOC	Lafayette	Repeater TX & RX	449.925	444.925	131.8	70 CM

Remember to check in to the 2-Meter Net 147.030 on non-meeting, Monday evenings at 7:30pm.

M2M Monday Night 2-Meter Net Control

4-Mar-2019	K2KSU	11-Mar-2019	Meeting
18-Mar-2019	KD8SST	25-Mar-2019	K8NVR
1-Apr-2019	K2KSU	8-Apr-2019	Meeting



M2M GROUP, INC

We're on the Web!

See us at:

www.W8EOC.org

Also,

"Like Us" on
Facebook



Who's Who

President:

Jane Reed K8JGR
jane@K8JGR.radio

216-570-8500

VP: Diane Snider KD8SSX

Treasurer:

Gail Helwig KD8GGM

Secretary:

Ray Orobona K2RWO

W8EOC Repeaters:

Ed Eyerdom K8NVR

Ken Koyan K8TV

Trustees:

Doug McClure KD8SST

Dave Swancer KE8APO

Ken Koyan K8TV

Don Duman W8DD

Ed Eyerdom K8NVR

Sunshine:

Diane Snider KD8SSX

Newsletter:

Jane Reed K8JGR

Field Day:

Fred Helwig K8FH

Facebook Page:

James Johnston KD8FHY

Website:

Jane Reed K8JGR

Net Scheduling:

Baji Panchumarti K8IIT

Social Events:

Gail Helwig

Skywarn:

Tracey Liston W8TWL

MECARS/ARES:

Jim Bodnar W8UQZ

RACES:

Dave Rickon NF80

About Our Organization...

The Medina Two Meter (M2M) Group, Inc. is a nonprofit, ARRL Special Service registered, amateur radio organization based in Medina County, dedicated to public service, education and fellowship.

Many of our members also are involved with Skywarn, ARES/MECARS, RACES, and assist with community events such as bicycle and foot races.

We meet on the second Monday of each month at either the Medina County Senior Center (Sr) or the Medina County Career (JVS) Center. See Website or page three for more information.



MEDINA TWO METER GROUP INC.

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BRUNSWICK, OHIO 44212

TO: