



MARC Beacon

Volume 12, Issue 1

The Morongo Basin Amateur Radio Club Newsletter

JANUARY 2023

Please schedule time to check in on the 7 PM Tuesday net, and if you can, please join us on the "Cawfee Tawk" net Monday - Friday at 1000 - 1100 AM.

Take care of yourself and enjoy each day. If you're not having fun, then you're doing something wrong.

This is WO4ROB, Rob from Joshua Tree.

Rob Cloutier
WO4ROB

Joshua tree
Club President
(760)401-6666

rob_cloutier@hotmail.com



Nets

Amateur Radio Emergency Service (ARES)
Mon @ 1915
Morongo Basin Amateur Radio Club (MARC)
Tue @ 1900
MARC Daily informal Kawfee Talk
1000-1100 DAILY

Social Media,

Club web page: <http://www.w6ba.net>

Facebook:

<https://www.facebook.com/MorongoBasinAmateurRadioClub>

Club Meeting

Every 3rd Thursday of the month at 6 PM. At the church of the Nazarene in Yucca Valley at 56248 Buena Vista Dr

Linked Repeaters

Yucca Valley, W6BA

146.790 MHz (- shift = 146.190 MHz) 136.5 Hz PL/CTCSS

Twentynine Palms, W6BA

147.060 MHz (+ shift = 147.660 MHz) 136.5 Hz PL/CTCSS

Landers, WB6CDF

447.580 MHz (- shift = 442.580 MHz) 173.8 Hz PL/CTCSS

OTHER AREA REPEATERS

IRLP Node KD6DIQ 145.770 pl 67.0

ONYX PEAK 146.820 no pl (30 second timer)

San Jacinto TRAM one 145.480 (-) pl 107.2

Snow Peak 445.160 (-) pl 67.0

ALLSTAR NODE on the mesa 147.705 pl 146.2

ALLSTAR NODE in Y.V. 446.120 pl 131.8



MARC Beacon

The Morongo Basin Amateur Radio Club Newsletter

US Amateur Radio Band Chart

<http://ham.band>

- Easy to remember link
- Easy to use on desktop or mobile
- Light-mode/Dark-mode switchable
- Familiar layout

Send feature requests to Aaron@KM6IAU.net



The weather station on Paxton Hill at the W6BA repeater site is working great. It will show accurate wind speed and direction measurements for the top of the mountain .

<https://www.wunderground.com/personal-weather-station/dashboard?ID=KCAUYCCA57>

{Please NOTE: The weather station at our Paxton hill repeater site has a problem with the wind direction reading, but all other readings are accurate. A repair project will be done to replace some parts. The anemometer is stuck, usually pointing north.)

Glenn N6GIW

KEN HENDRICKSON, W6BZY



Some helpful you tube videos from Ken W6BZY about Linux and raspberry Pi.



Search **W6BZY** on YouTube.

OUR CLUB MEETING!!!!

THIS MONTH OUR LOCAL CLUB MEETING WILL BE AT: **6:00 P.M.** ON: **JANUARY 19th** At Church of the Nazarene in **Yucca Valley** at **56248 Buena Vista Dr.**

NEW CLUB FACEBOOK GROUP FOR THE MARC CLUB

I have created a Facebook "Group" for the Club. We currently have a FB "Page" which only allows Admins and Moderators to post directly on the Posts section.

Here is the link to the new "Group" - so if you are on Facebook, please click on this link and LIKE our new Group.

<https://www.facebook.com/groups/577155023327981>

The new Group will be must more user friendly. Feedback is most welcome. Thanks, Judy, N6JLL

THANK YOU JUDY N6JLL

Here is a List of Some of the Top Ham Radio Websites on the Internet Useful to Old Hams & New Hams Alike

ARRL – <http://www.arrl.org/>

Many useful regulatory, educational, operating, and technical items and links

AC6V – <http://www.ac6v.com/>

DX Zone – <https://www.dxzone.com/>

General-interest websites with many links on all phases of ham radio

QRZ.com – <https://www.qrz.com/>

Call sign lookup service and general-interest ham radio portal

eHam.net – <https://www.eham.net/>

News, articles, equipment swap-and-shop, and *great product reviews*, and mailing lists



MARC Beacon

The Morongo Basin Amateur Radio Club Newsletter

~~~~~  
**Radiowave Propagation Center –**

<http://prop.hfradio.org/>

Real-time information on propagation and solar data

~~~~~  
Space Weather Prediction Center –

<https://www.swpc.noaa.gov/communities/radio-communications>

Real-time information on space weather and radio communications

~~~~~  
**TAPR – <https://tapr.org/>**

Information on digital data modes and software-defined radio (SDR)

~~~~~  
AMSAT – <https://www.amsat.org/>

Main site for information on amateur satellites

~~~~~  
**WA7BNM Contest Calendar –**

<https://www.contestcalendar.com/>

Best Contest calendar and log due dates

~~~~~  
DXMAPS.com –

<https://www.dxmaps.com/spots/mapg.php>

Collection of real-time maps showing worldwide activity on any amateur band

Winter Field Day 2023

Winter Field Day (WFD), sponsored by the Winter Field Day Association, is coming again. This year, the dates are January 28 and 29. Radio clubs around the country are activating for this event. Complete rules can be found on the WFD website, at [Home - Winter Field Day](#).



Combining this with ARRL's yearlong event, [Volunteers On the Air](#), is a great way to make contacts that count for both activities and get new operators on the air.

WFD is a communications exercise and is held annually on the last full weekend in January. It can be worked from the comfort of your home

or in a remote location. You can participate by yourself or get your friends, family, or whole club involved. WFD is open to participants worldwide. Amateur radio operators may use frequencies on the HF, VHF, or UHF bands, and are free to use any mode that can faithfully transmit the required exchange intact. Like the ARRL Field Day, bonus points are earned in several ways, including for using non-commercial power sources, operating from remote locations, making satellite contacts, and more.

The Winter Field Day Association passionately believes that ham radio operators should practice portable emergency communications in winter environments, as the potential for freezing temperatures, snow, ice, and other hazards present unique operational concerns. WFD is formatted to help increase your level of preparedness for disasters and improve your operational skills in subpar conditions.

Also, don't forget to mark your calendar for 2023 [ARRL Field Day](#), June 24 - 25, 2023.

KAWFEE TALK

The Cawfee Tawk net started on Monday 30 March 2020 when we were restricted to our homes because of the Covid-19 outbreak, and some of us were concerned about our fellow ham operators. It was initiated by Roger Sherwin KF6BIG, and hosted by Rob Cloutier WO4ROB. The net ran every day, 7 days a week, from 1000 - 1100. I am officially announcing that I will no longer host the Cawfee Tawk Net on the weekends. I will continue to be the host when I am in town Monday - Friday. So, if anyone wants to be the host on Saturdays and Sundays, then please do so. [Thank you Rob W04ROB for your service during this time and I think you deserve the break now.](#)

Just a reminder if any of you feel the need to fill in on the weekends.



MARC Beacon

The Morongo Basin Amateur Radio Club Newsletter

Important Links

ARRL Home: www.arrl.org

Find an ARRL Affiliated Club:
www.arrl.org/clubs

Find your ARRL Section: www.arrl.org/sections

Find a License Class in your area:
www.arrl.org/class

Find a License Exam in your area:
www.arrl.org/exam

Find a Hamfest or Convention:
www.arrl.org/hamfests

Email ARRL Clubs: clubs@arrl.org

Georgia State Parks On the Air

The [Georgia State Parks On the Air](#) will be held April 1 - 2, 2023.

ARRL member Claude Ray, AC4SH, said this is the first time that all of Georgia's 50 state parks have been involved.

"The objective is to encourage ham radio operators to visit Georgia State Parks and experience the fun of Parks on the Air activations," said Ray.

"This is a fun contest only, and the rules are minimal, the scoring is simple, and the main award is simply the



fun of getting on the air."

The entire process is largely based on the honor system, although logs of top activators will be cross-checked. The contest period begins at 0800 EDT, April 1, 2023, through 2000 EDT, April 2, 2023, and operating hours are subject to park rules and times.

Participants with the top three scores in each of the five categories will receive a certificate indicating the award:

- Georgia Activator - Individual
- Georgia Activator - Club
- In-Georgia Hunter (individual or club)
- Out of State Hunter (individual of club)
- Georgia ARES® Club

Every station participating in the event and submitting a log will, upon request, receive a Certificate of Participation indicating the number of parks contacted.

Ray added, "There are 47 parks that already have at least one ham planning to activate on the April 1 - 2, 2023, weekend."

See the complete rules at gaparks.org/rules.

The K7RA Solar Update

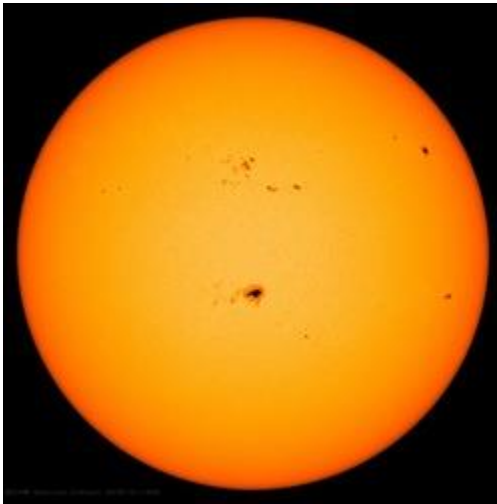
Tad Cook, K7RA, of Seattle, Washington, reports for this week's ARRL Propagation Bulletin:



MARC Beacon

The Morongo Basin Amateur Radio Club Newsletter

Last week's bulletin opened with "Wow!" I don't know what to say about this week, except it is beyond "wow!"



Solar disk image taken January 19, 2023, courtesy of NASA SDO/HMI.

This actually has me thinking about Cycle 19.

Average daily sunspot numbers rose from 135.9 to 173.4, while average solar flux went to 221.8 from 181.2.

From [Spaceweather.com](https://www.spaceweather.com): "If sunspot production continues apace for the rest of January, the monthly sunspot number will reach a 20-year high."

Average planetary A index increased from 6.7 to 13.9.

On January 15, 2023, planetary A index reached a peak of 30, a very high value indicating a geomagnetic storm. Conditions were stormy throughout the week due to flares and coronal mass ejections. On that day in Fairbanks, Alaska, the college A index was 53. There was a large polar cap absorption event.

Nine new sunspot groups appeared during this reporting week, January 12 - 18. One on January 12, four on January 13, two more on January 15, and two more, one each, on January 17 - 18.

Predicted solar flux is 220, 218, 215, 212, and 210 on January 19 - 23; 206 on January 24 - 25; 200 and 190 on January 26 - 27; 185 on January 28 - 29; 190 on January 30 through February 2; 195 and 200 on February 3 - 4; 205

on February 5 - 6; 210 on February 7 - 11, then a big jump to 235 and 230 on February 12 - 13; 225 on February 14 - 16; 220 on February 17, and 215 on February 18 - 19.

Predicted planetary A index is 16, 12, 16, 12 and 8 on January 19 -23; 5 on January 24 - 25; 8, 12, and 8 on January 26 - 28; 5 on January 29 - 31; 12 and 8 on February 1 - 2; 5 on February 3 - 6; 12, 12, 15, and 12 on February 7 - 10; 5 on February 11 - 13, then 8, 15, 10, and 7 on February 14 - 17.

Sunspots in the news:

<https://bit.ly/3Hdip4>

In Friday's bulletin, look for a report from KA3JAW about his recent experiences on 10-meter FM.

Sunspot numbers January 12 - 18, 2023, were 151, 181, 170, 177, 186, 185, and 164, with a mean of 173.4. The 10.7-centimeter flux was 211.6, 208.5, 227.8, 234.3, 228.1, 221.7, and 220.3, with a mean of 221.8. Estimated planetary A indices were 9, 12, 11, 30, 14, 6, and 15, with a mean of 13.9. Middle latitude A index was 8, 10, 9, 17, 10, 5, and 11, with a mean of 10.

Send your tips, questions, or comments to k7ra@arrl.net.

A comprehensive K7RA Solar Update is posted Fridays on the ARRL website. For more information concerning radio propagation, [visit](#) the ARRL Technical Information Service, [read](#) "What the Numbers Mean..." and [check out](#) the Propagation Page of Carl Luetzelschwab, K9LA.

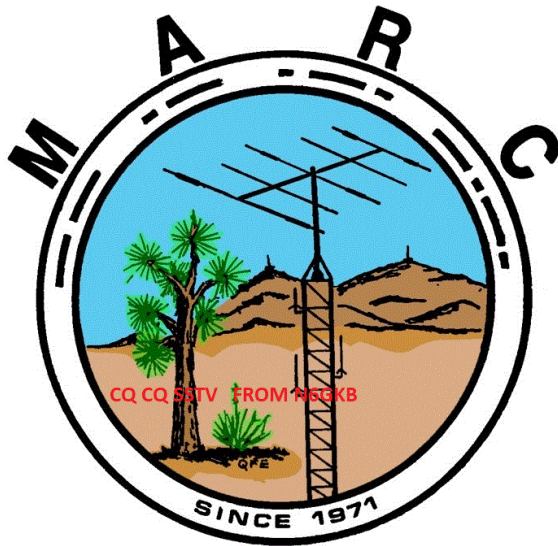
A propagation bulletin [archive](#) is available. For customizable propagation charts, visit the [VOACAP Online for Ham Radio](#) website.

[Share](#) your reports and observations.



MARC Beacon

The Morongo Basin Amateur Radio Club Newsletter



The club now has 20 active members and over 300 alumni that regularly visit to help support club activities.



Missouri S&T Amateur Radio Club members operate from their shack. Photo courtesy of Missouri S&T Amateur Radio Club.

The official date for the celebration in April has not been selected, but there will be an open house and tour of the club's radio shack, and a special event station.

The Missouri S&T Amateur Radio Club is an ARRL Affiliated Club. Students from the club regularly participate in the ARRL [Collegiate Amateur Radio Program](#) -- which provides networking opportunities for students and their college radio clubs.

Missouri S&T Amateur Radio Club to Celebrate 100 Years

The [Missouri S&T Amateur Radio Club](#), W0EEE, at Missouri University of Science and Technology (Missouri S&T), is gearing up for an early celebration of their 100 years. Club President Morgan Lyons, KI5SXY, said the station first went on the air in 1923 as the M.S.M Radio Club, broadcasting basketball games from the Jackling Gym on the grounds of the Missouri School of Mines and Metallurgy (MSM).

"The FCC was not around in 1923, but we believe



the original M.S.M Radio club used the call sign W9DUM," said Lyons. Then, between September 1937 and March 1938, W9EEE had been assigned to the M.S.M. Radio Club, and in September 1947, the M.S.M Radio club was assigned the call sign W0EEE and changed its name to the Missouri S&T Amateur Radio Club.



MARC Beacon

The Morongo Basin Amateur Radio Club Newsletter

Yaesu Radios Donated to ARRL to Inspire Visitors and Young Hams

There are two new [Yaesu](#) transceivers in use at [ARRL](#) Headquarters in Newington, Connecticut. They arrived via a generous donation from Yaesu USA.

The company has donated an FTDX101MP and FTDX10, both HF/50 MHz transceivers. In arranging the donation, Yaesu Vice President, Sales and Credit Gary Doshay, KN6APR, urged that the radios be used by ARRL "to educate and assist your visitors and especially young enthusiasts for ham radio."



The Yaesu FTDX101MP transceiver is a welcome addition to Studio 1 in W1AW, the Hiram Percy Maxim Memorial Station.

"We appreciate the value that having this equipment available for members and visitors to see and explore will provide," said ARRL Director of Operations Bob Naumann, W5OV. "These are two of the top three performing transceivers on the Sherwood list," he added.

The FTDX101MP was named for Yaesu Founder Sako Hasegawa, JA1MP. The model holds a place of honor, in service in the first operating studio of the Hiram Percy Maxim Memorial Station, W1AW. ARRL members and visitors come year-round to tour the station and operate the equipment, most of which has been donated by generous manufacturers over the years. "The radio is already receiving a lot of

attention from visitors," said W1AW Station Manager Joe Carcia, NJ1Q. "Some of our recent guests have included students and scouting groups who have enjoyed trying the new radio -- adding to the overall 'wow' factor of the station. We're grateful to Yaesu for this new addition to W1AW."

The FTDX10 has been installed in the new ARRL Radio Lab, W1HQ, where it will contribute to the station's

ongoing role in the development of innovative amateur radio station design and function. "The Radio Lab is an extension of ARRL's equipment testing program, which supports ['Product Review' in] *QST* magazine," said Naumann. "Putting the latest in modern radio technology through its paces is the intent of the Lab. It represents what is possible if the modern ham were to go with cutting-edge technology and integration. The Yaesu FTDX10 fits perfectly in that environment."

Naumann says the ARRL stations will benefit significantly from the donations of Yaesu's highly capable rigs. "It demonstrates the important partnership ARRL has with amateur radio manufacturers to educate and inspire our community."



ARRL Director of Operations Bob Naumann, W5OV, explores the features of the Yaesu FTDX10. The radio is the new addition to the ARRL Radio Lab, W1HQ.



MARC Beacon

The Morongo Basin Amateur Radio Club Newsletter

Mobile App Available to Navigate 2023 Orlando



HamCation

Orlando HamCation® is February 10 - 12, 2023, and hosts the ARRL Southeastern Division Convention. In partnership with HamCation, ARRL's free mobile app is available to help attendees navigate the large event, which is held at the Central Florida Fairgrounds and Expo Park.

The free ARRL Events app is now available and already includes HamCation's full program, so attendees can browse and schedule forums, preview the extensive list of exhibitors, and find affiliated events. During the event, attendees can use other app features to follow the hourly prize drawings and grand prize packages, and browse building and site maps.

While returning app users do not have to re-register to use the app, they will be prompted to complete a simple registration to view each new event. Attendees are also encouraged to tap on the MyProfile icon in the app to add their name and call sign, email address, and any additional information they would like to share with other HamCation guests. Additionally, the MyBadge icon displays a QR code of your event badge that can be scanned by another attendee or exhibitor



using the Scan Badge icon - instantly connecting shared contact information with other hams at the event.

The app is available for Apple and Android smart devices, or access the web browser version which is optimized for nearly any browser or other type of mobile phone or tablet. Visit your app store to download the app (search "ARRL Events") or access the [links](#) available on the ARRL Expo web page. If you're reading this article on a mobile device, click [here](#) to be redirected to the appropriate app store, or redirected to the web browser version (www.tripbuildermedia.com/apps/arrl).

For more information, please visit these official websites:

- Orlando HamCation www.hamcation.com

ARRL at Orlando HamCation www.arrl.org/expo





MARC Beacon

The Morongo Basin Amateur Radio Club Newsletter

JANUARY 2023

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
	ARES Net 7:15 pm	MARC Net 7:00 pm NCS ROB				
8	9	10	11	12	13	14
	ARES Net 7:15 pm	MARC Net 7:00 pm NCS GLENN				
15	16	17	18	19	20	21
	ARES Net 7:15 pm	MARC Net 7:00 pm NCS LARRY		CLUB MEETING AT 6:00 PM		
22	23	24	25	26	27	28
	ARES Net 7:15 pm	MARC Net 7:00 pm NCS FRED				
29	30	31				
	ARES Net 7:15 pm	MARC Net 7:00 pm NCS GLENN				