



# MARC Beacon

Volume 8, Issue 4

The Morongo Basin Amateur Radio Club Newsletter

April 2019

## President's Message

Greetings fellow hams,

It was good to see all of you at the club meeting on March 21. Thanks to Manuel AE6SG for the astronomy presentation at the club meeting. Ready or not, spring is here and we're getting warmed up for an eventful (and, of course, hot) summer!

We have, of course, the 2019 ARRL Field Day coming up. Patrick N4LKZ is your 2019 ARRL Field Day committee chairman / event coordinator. I encourage anyone interested in field day to attend. If you have questions, you can email Patrick Mathis N4LKZ@W6BA.net or me KM6IAU@W6BA.net.

Sam White WB6SEW has graciously agreed to organize Morse-code training. I've passed along my notes about folks that have already expressed to me their interest in participating. I also look forward to learning Morse-code alongside those that will participate.

George Jarvi KE7RVE is continuing to organize the fundraising efforts to replace our aging repeater radio. I strongly encourage our club members to invest and contribute in ways in which they are able: time, energy, money, and/or by engaging the broader community.

There are a few more things in-the-works for our area, some of which, I am sure, you have caught wind. I look forward to providing you more details about those things soon. If you have ideas which interest and greater engage our club members, please let us know. This is our radio club!

See you all at our April club meeting.

73's

**Aaron B. Chesney**

**KM6IAU**

Yucca Valley

210-632-3444

[Aaron@km6iau.net](mailto:Aaron@km6iau.net)



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### 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

### Nets

Amateur Radio Emergency Service (ARES)  
Mon @ 1915  
Morongo Basin Amateur Radio Club (MARC)  
Tue @ 1900

### Social Media,

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

**Facebook:**

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

**W6BA Live Feed:**

<http://www.broadcastify.com/listen/feed/10199/web>

### Club Meeting

Every 3rd Thursday of the month at 7 PM.  
St. Christopher of the Desert Catholic Church  
61261 Sunburst Dr., Joshua Tree, CA



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**TOM MEDLIN W5KUB WEEKLY WEBCAST 100% HAM RELATED. TUESDAY NIGHTS AT 8PM**  
<http://tmedlin.com/> OR <http://w5kub.com>



**HAMNATION IS A WEEKLY HAM RADIO RELATED TV SHOW WITH FAMOUS HOSTS SOME OF YOU MAY KNOW LIKE, GORDON WEST, BOB HEIL AND OTHERS. WEDNESDAY NIGHTS AT 6PM**  
<https://twit.tv/shows/ham-nation>



The weather station on Paxton Hill at the W6BA repeater site has been repaired. It will now show accurate wind speed and direction measurements.

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

Glenn N6GIW

I also have A weather station by the high school in Yucca Valley N6GKB.

<https://www.wunderground.com/weather/us/ca/yucca%20valley/34.11451239999995%2C-116.4194904>

Keith N6GKB

## FIELD DAY EVENT 2019 June 22 and 23

The field day event group will be meeting as follows, Per a recommendation from Chris WB6CDF, we will amend our first and last two meeting locations to the Yucca Mesa Community Center. The amended schedule is:

April 6<sup>th</sup>, 10:00 AM at the Yucca Mesa Community Center

April 20<sup>th</sup>, 10:00 AM at the Yucca Valley IHOP

May 4<sup>th</sup>, 10:00 AM at the Yucca Valley IHOP

May 18<sup>th</sup>, 10:00 AM at the Yucca Valley IHOP

June 1<sup>st</sup>, 10:00 AM at the Yucca Valley IHOP

June 8<sup>th</sup>, 10:00 AM at the Yucca Mesa Community Center

June 15<sup>th</sup>, 10:00 AM at the Yucca Mesa Community Center.

Any hams that wish to join and be involved WITH FIELD DAY 2019 please contact Patrick N4LKZ.

**YUCCA MESA community center**

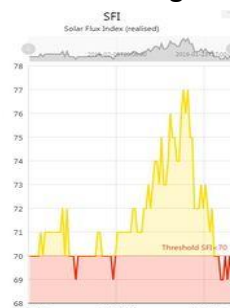
**3133 Balsa Ave,  
Yucca Valley Ca 92284**

**Thank you.**

**Patrick D. Mathis  
N4LKZ**

## Build Your Own Space Weather Dashboard

NOAA's Space Weather Prediction Center ([SWPC](#)) has started adding a variety of space weather data in the open-standard JavaScript Object Notation (JSON) format, and the SWPC site provides a [root directory](#) for format data. Digital visualization library [amCharts](#) specializes in JavaScript charts and maps for dynamic data display.



A free amCharts license is available in exchange for including a product mention. Jan van den Berg, PA2P, suggests combining NOAA's data with amCharts. Other providers of free charts include [Google Charts](#) and [Chart.js](#).

Van den Berg offers [more information and examples](#) on his website. [Contact](#) him for additional information.



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Coming to the Morongo Basin SOON. If you know what it is GREAT, If not well it's a great relatively new mode. I myself, Keith, N6GKB, have been intrigued with this mode of radio. Still on the low end of the learning curve, I am following our Club President, Aaron, KM6IAU, Patrick, N4LKZ and Glenn, N6GIW with their interests in it. We are setting up a local DMR repeater in Yucca Valley. And they are setting up their own individual HOT SPOTS for their own for portability.

This is all new to our club members and the Morongo Basin but as this new mode of linking us all to the world by means other than HF. It will be a nice benefit until the 11-year cycle helps us out on propagation.

More to come about DMR in the near future.

I would like to mention that [Todd Root KD6DIQ](#) does have an [IRLP](#) node on [145.770 pl 67.0 no offset](#), While this is **NOT** related to DMR it is also a good linking system that has been around for many years, and from an HT anywhere Here in Yucca Valley you can talk to people around the world when certain links are hooked up to his node, Check it out sometime! Its busiest times seem to be mornings and evenings into the night with different Nets daily!



## WELCOME TO THE WWV CENTENNIAL CELEBRATION!

We will be celebrating **the World's oldest continually broadcasting radio station**, WWV, as it turns 100 this year.

The National Institute of Standards and Technology (NIST) and the Northern Colorado Amateur Radio Club (NCARC) are working together to organize the event.

NIST will focus on the plans for Tuesday, October 1, when they will host a recognition ceremony and an open house at the radio station north of Fort Collins.

NCARC will operate a special event amateur radio station, call sign **WW0WWW**, on the WWV property starting September 28 and going 24-hours a day through October 2. The goal is to make as many U.S. and world-wide contacts during the 120-hour period as possible, using multiple bands and multiple modes on at least 4 simultaneous transmitters. The effort will require hundreds of volunteer operators.

The 100<sup>th</sup> anniversary is an occasion to celebrate radio and our understanding of the EM spectrum, and an opportunity to help people everywhere appreciate what radio does in their everyday lives.

Please check back here often for updates. [www.wwv100.com](http://www.wwv100.com) This website will have the most current news and information.

The following notes and summaries are in reverse chronological order, newest near the top.



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## WE NEED OPERATORS! HELP WWV CELEBRATE 100 YEARS!

The WWV Centennial Special Event Amateur Radio Station, WW0WWV, plans to operate from September 28 through October 2, and we'll need lots of operators to make this happen!

Please see the [Operators](#) page in the Main Menu to find out more details about being an operator. The [Operator Application](#) is also available in the Main Menu as well.

Northern Colorado is beautiful this time of year, and we hope you'll come for a visit, have a chance to operate a very unique radio station "in the field", and enjoy the company of other hams from across Colorado and around the world. INFO AT [www.wwv100.com](http://www.wwv100.com)



Nearly a hundred years ago, on October 1, 1919, the US Department of Commerce granted a radio license to the National Bureau of Standards (NBS), call sign WWV.

On October 1, 2019, the National Institute of Standards and Technology (NIST), formerly NBS, will celebrate the 100th anniversary of this famous radio station. The Northern Colorado Amateur Radio Club (NCARC - [ncarc.net](http://ncarc.net)), in partnership with NIST, will operate a special events amateur radio station to commemorate this important historical and scientific event.

NIST and NCARC recently met and agreed on the establishment of an on-site special event radio station to operate for 5 days, September 28 through October 2, 2019. NIST will hold a special celebration on October 1, 2019 at the WWV site to commemorate the event.

The interest in this special events station from the world-wide amateur community is anticipated to be intense. The goal of the station will be to make as many contacts (QSOs) on the HF bands as possible during the 5-day period of operation. A special events QSL card, or series of cards, will be produced to verify QSOs and made available through ClubLog and OQRS.

The planning committee for the event is made up of 4 members of NCARC and one employee of NIST. This core group will plan the framework for the event and coordinate logistics and outreach. As planning for the event unfolds, various sub-committees will be formed to help distribute the workload, so if you are interested in participating, there will be ample opportunities. If you have ideas you'd like to share or offer particular skills, please contact the organizing committee by email at [www@ncarc.net](mailto:www@ncarc.net).







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## This is the month for the Queen:

**W6RO** aboard the *Queen Mary* to Celebrate 40th Anniversary in April The 50-member volunteer crew of the *Queen Mary* [W6RO](#) Nate Brightman Wireless Room will mount a month-long special event in April to mark the **40th anniversary** of the station's opening on the museum ship in Long Beach, California. **Launched April 22, W6RO** was the first of what has grown to more than 100 Amateur Radio stations based on museum ships around the world. Crew members work tirelessly to keep W6RO on the air and make as many contacts as possible during April. Station manager David Akins, N6HHR, has set a goal of 1,000 logged contacts during the 30-day event. A commemorative QSL card [will be available](#) with an SASE. Founded by Nate Brightman, K6OSC (SK), W6RO is the club station of the Associated Radio Amateurs of Long Beach.

## Calling all Hams Interested in CW !

Our club member Sam White WB6SEW is Looking for help with his CW Training class.

He needs A **PLACE** to meet and hold the classes and a **volunteer** or two to help him with the training of others in CW. Sam is sight impaired as some of you may or may not know, so he could use a hand. Please contact Sam at 760-228-2485, or on the local Yucca Valley Repeater.

Thank You all for helping Sam with this.

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## Editor Point of Contact (POC)

Keith Board, N6GKB, 760-401-5124, [N6GKB@live.com](mailto:N6GKB@live.com)

Submission deadline is 4 days before the 1<sup>st</sup> of each month



## APRIL 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
	<b>APRIL FOOLS DAY</b>  <b>ARES Net</b> 7:15 pm	<b>MARC Net</b> 7:00 pm <b>NCS Aaron</b>		<b>ARES Meeting</b> <b>6:00 pm</b>  Good Shepherd Lutheran Church Yucca Valley		
<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>
	<b>ARES Net</b> 7:15 pm	<b>MARC Net</b> 7:00 pm <b>NCS John</b>				
<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>
<b>PALM SUNDAY</b>	<b>TAX DAY!!</b>  <b>ARES Net</b> 7:15 pm	<b>MARC Net</b> 7:00 pm <b>NCS Glenn</b>		<b>MARC Meeting</b> <b>7:00 pm</b>  <b>Board meeting at 5:30pm</b> In J.T	<b>GOOD FRIDAY</b>	
<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b>	<b>26</b>	<b>27</b>
	<b>EARTH DAY</b>  <b>ARES Net</b> 7:15 pm	<b>MARC Net</b> 7:00 pm <b>NCS Fred</b>			<b>ARBOR DAY</b>	
<b>28</b>	<b>29</b>	<b>30</b>				
	<b>ARES Net</b> 7:15 pm	<b>MARC Net</b> 7:00 pm <b>NCS CHRIS</b>				