



# High-Country Static

August 2014

News and Information Concerning  
Amateur Radio in Northern Arizona and  
Beyond

For comments, suggestions, questions concerning the CARC newsletter please click  
[cocoazham@yahoo.com](mailto:cocoazham@yahoo.com)

**Welcome** to the Coconino Amateur Radio Club (CARC) Monthly Newsletter. CARC is a non-profit club devoted to providing communication services to local volunteer agencies and events. Meetings are held the second Thursday of each month **1650 S. Plaza Way**, Flagstaff, at 7:00PM. All persons interested in amateur radio, whether licensed or not, are welcome to attend.

*Coconino SkyWarn meets 1900 every Monday evening on the 146.98 repeater and at 1930 on the Navajo Mountain CACTUS repeater and 146.480 simplex.*

*Coconino ARES meets 1900 every Wednesday evening on the 146.98 repeater and at 1930 on the Navajo Mountain CACTUS repeater and 146.480.*

**New location for CARC meetings: 1650 S. Plaza Way. Pull in off S. Plaza Way and go to the far left behind the building on the left. (There are two buildings, both behind the vacant Sun West bank on Woodlands Blvd.)**

**Our meeting room is in the building on the left. Jason will have the door propped open. Big thanks to Bruce Sidlinger who is not only providing this room to CARC for free, but bought a table and some chairs for our use!**

## Officers:

President: Jason Bennett N2JLB  
Vice-President: Sandy Meadowcroft KF4JHC  
Secretary: Erv Perelstein, KE7QFI  
Treasurer: Pat Traber, KE7QFG  
PIO: Janice Enloe, KI6WCK

We will be needing a new vice-president come summer as Sandy will be vacating the offices. If you are interested please see Jason.

## **August 14 next meeting - .**

If you have not paid your 2014 dues yet please do so at this meeting: \$25 for individuals and \$30 for a family.

Voting for club officers will be at the August meeting. If you are interested in helping the club, consider taking a position of leadership. Only an hour a week.

Our next scheduled public service event is the Flagstaff to Grand Canyon Run Sept. 27,28.

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Thank you to all who have run the Monday and Wednesday night nets:  
Jason, Dan, Pat, and Erv.

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## Next licensing exams

### Oct 18 License Exam

License Exams can also be arranged for other dates, contact Joe Hobart for details.

<http://wireless2.fcc.gov/UlsApp/UlsSearch/searchLicense.jsp>

Arizona Newsletter: <http://www.arrl.org/>

Tutorials: <http://www.arrl.org/tutorials>

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## Upcoming 2014 Events:Not all dates available yet

**Jul 20** Snow Bowl Hill Climb

**Jul 25-26** Possible AZ ScQRPions QRP Club  
Hamfest at Fort Tuthill

**August 2** Toys for Tots / Fat Tire Bicycle Ride

**August 5** National Night Out (Tuesday)

**Aug 9** Big Brothers / Big Sisters Run for the  
Magic

**Sep 1 Williams 10k Labor Day Run**

**Sep 27, 28** Flagstaff to Grand Canyon Run

100 Relay Run - 30 hour event

**Oct** TBD Northland Preparatory Academy  
solar observing

**Oct 3-5** Flagstaff Endurance Runs (Fri-Sun)

**Oct. 11 8:00 am** Soulstice Mountain Trail Run

**Nov 18-19** Possible Arizona State Exercise

**Dec 6** SkyWarn Recognition Day at NWS  
Belmont (UTC date)

**TBD** Christmas Party

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## Minutes of the Coconino Amateur Radio Club

7/10/2014

Meeting started at 7:00 pm

Secretary's Report: The minutes of the June meeting were distributed with the June Newsletter. There were corrections from the membership which will be incorporated into last month's minutes. Pat moved and Phyllis seconded to accept, as modified, June's Secretary's Report. Passed unanimously.

Treasurer's Report: The bank account total as of this meeting is \$1,553.16. There was a correction to June's report which will be incorporated into that report. There are 48 members currently: 45 regular members plus 3 lifetime members.

President's Report: No president's report this month. Jason has notified us that he can no longer fulfill the duties of the President. In Sandy's absence, Erv chaired the meeting this month.

ARES Report: Joe gave the ARES report. He wanted to thank everyone who helped with the Sacred Mt. Prayer Run. An excellent job was done by all, even though the communications links were not as good as we would have liked. Joe asked everyone participating in these races to become more familiar with their radios so that they can quickly switch between the repeater setup and the simplex frequencies.

Joe, Ken and Ron are going up to the Mt. Elden 98 repeater on Thursday along with some NAU personnel who are responsible for the KNAU transmission. They plan on trying to determine if the KNAU frequencies are mixing with the repeater frequencies and causing all the noise we have been experiencing lately. More to come next month.

Joe reported that the rewritten Ordinance concerning Texting and Cell Phone Use will state that Licensed Amateur Radio operators are exempt from the ban on using 2-way radios in a vehicle. Thanks to Joe, Tom, Ken and all the others who worked so hard on convincing the County/City of the importance of our service.

Joe reminded us that the Williams Hamfest will be held on July 18-19 at the Williams Rodeo Grounds. We will have a testing session during fest. There will also be a balloon launch at the fest.

He also wanted to thank everyone who participated in Field Day this year. The new club antenna worked really well. It appears, from the statistics that Bob Wertz compiled, that we did better than last year but propagation was better so we'll have to wait and see how we did against other sites.

Janice, our new Newsletter Editor, has requested that all information, articles, etc. for the newsletter be sent to her on or before July 26th so she has time to incorporate them in the newsletter which she would like to publish by August 1st.

Joe reviewed some of the upcoming club activities: 7/20 Snowbowl, 8/2 Fat Tire Race, 8/9 Bib Brothers Big Sisters, 9/1 Williams 10 K Race, 9/27-28 100 Mile Race, 10/11 Soulstice Race. We need additional radio operators for some of these activities. Also, Joe requested that some of the other members start learning how to be in charge of these races. This is an excellent opportunity because the members that have been running them are still here and can train a new person. Anyone interested please get in touch with Joe.

We discussed the National Night Out on 8/5. It was decided by the membership that we would not support that activity this year.

New Business: Phyllis told us that more than 100 photos were taken during Field Day, most of which were given to Bob Wertz to send to ARRL. Ron volunteered to publish some of those photos on our CARC Website so that all members could see them. Diane asked the members present to consider writing an article to accompany the photos which could possibly be printed by ARRL in their magazine.

The next item was nomination of officers for this year's slate. A discussion of the offices of President and Vice President followed. As stated above, Sandy volunteered to accept a nomination for President if no one else indicated they would run for the position. There were no other members who expressed a desire to run so Phyllis moved to nominate Sandy and Diane seconded the motion for President. Tom Shehan, who was not at the meeting, had expressed an interest in the Vice Presidency. The votes were unanimous for both motions. Pat and Erv agreed to continue in the offices of Treasurer and Secretary, respectively and Janice has just taken over from Phyllis as the PIO for the club. Elections will be at next month's meeting.

Meeting adjourned at 8:00 pm. Diane moved and Joe seconded closing the meeting. Unanimously accepted.

Drawing won by Bob Drake

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Presentation There was no presentation this month.

## Upcoming Event Organization Need Help

Here are upcoming events the Coconino Amateur Radio Club supports:

September

- 1 Williams 10K Labor Day Run
- 27-28 Flagstaff to Grand Canyon 100 Mile Run

October

- 11 Soulstice Mountain Trail Run

November

- 18-19 State full scale communications exercise

December

- 6 SkyWarn Recognition Day at NWS Belmont (UTC date)

The Bill Williams group will organize their Labor Day Run, but they will need a few additional operators. This is a short run in Williams.

The Flagstaff to Grand Canyon Run is an extensive (30+ hours) event, and we need every available amateur radio operator and helpers. We also need a person to help organize our communications support and logistics; \*Who will help?\*

We also need an amateur radio operator who has experience with the event to organize the Soulstice Mountain Trail Run near Schultz Tank. \*Who will organize this event?\*

I plan to organize the Arizona State communications exercise; someone to help is desirable. This exercise may involve several local agencies.

Who will work with Megan to organize the SkyWarn Recognition Day event at the Weather Forecast Office?

Thanks & 73,  
Joe, W7LUX

## And something from ARRL:

The K7RA Solar Update

Tad Cook, K7RA, Seattle, Washington, reports: We saw a rise in solar activity over the past week, with average daily sunspot number increasing from 107.7 to 136.7. Average daily solar flux went from 125 for the previous 7 days to 149.6 for the current period, July 31 through August 6.

Predicted solar flux is 135 on August 7, 130 on August 8, 125 for August 9-10, then 120, 110 and 105 for August 11-13, respectively, 110 for August 14-16, 100 for August 17-19, 105 for August 20-21, 110 on August 22, 115 on August 23, 120 for August 24-26, 125 for August 27-28, 120 for August 29-30, and jumping to 150 on August 31 through September 3.

Predicted planetary A index is 8 for August 7-8, 5 for August 9-21, 8 for August 22-23, 5 for August 24-27, and 8 for August 28-29.

Last week's bulletin reported computer network issues at Canada's Dominion Radio Astrophysical Observatory in Penticton, British Columbia. The Observatory came back online and caught up with some backlogged data, but it's now offline again. Judging by a government announcement, the problems apparently resulted from a cyber attack (thanks to Elwood Downey, WB0OEW, for the news tip).

This weekly "Solar Update" in The ARRL Letter is a preview of the "Propagation Bulletin" issued each Friday. The latest bulletin and an archive of past propagation bulletins is on the ARRL website.

In this Friday's bulletin look for an updated forecast. We also hope to relay some reports from readers. Send me your reports and observations.