



# RADIO AMATEUR NEWS & VIEWS

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## RANV Summer Picnic

Mitch **W1SJ**

The RANV Summer Picnic will be on Saturday, August 13 at Kamp Kill Kare State Park.

Head up to St. Albans and take Exit 19 and continue to Route 7. Head north to the center of town and take a left on Lake Street. Continue to St. Albans Bay and head north past St. Albans Town Park to Hathaway Point Road. This road will take you to the park. Talk-in on 145.15 (131.8) and 145.23 (100.0).

On the way to the picnic, you will pass by the St. Albans Hamfest at 373 Lake Street. They will run from 8 until noon.

The picnic will start at 11AM. RANV will provide admission. However, if you have a Green Mountain Passport (many of us do), please use that. The Passport is available to anyone over 62 and allows free daytime access to all Vermont State Parks.

Drive straight into the park after checking in. We will be set up by the lake. We will provide charcoal for the grills. You bring the food and drink and whatever sporting equipment which is desired. Leave pets at home - they are not allowed.

We have 2 ham radio events planned:

## CONTACTS

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Reflector: [RANV@groups.io](mailto:RANV@groups.io)

Meetings: 2<sup>nd</sup> Thursday • 7:00 PM  
Holy Family Parrish Hall  
30 Lincoln Street  
Essex Junction, Vt

Repeater: 145.150, PL 100; WB1GQR

New Hams, Mentoring:  
[RANVMentor@gmail.com](mailto:RANVMentor@gmail.com)

1. Park Activation. We will activate Kamp Kill Kare State Park, (K-3121). Join the Fast Antenna Response Team as the wire antennas will be raised between 10:30-11. The activation will run through the afternoon until we go home. All are invited to operate.

2. Satellite class. A class on how to work the ham radio satellites will be held at around 11:00, followed by demonstrations of working satellite passes. This will be held only if there is enough interest.

Attendance at the picnic has been rather small with pandemics and everything else going around for the last couple of years. Let's change that! Come on out and bring family and pals. We invite everyone in ham radio in Northern Vermont to join us at the picnic.

Please fill out the survey at:  
<http://www.hamclass.net/suract22.html> .

This will give us feedback as to how many will be attending and which activities to have.

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#### **RANV September Meeting**

Bob **K1BIF**

Tired of paying high electric bills? Is \$5 a gallon gas got you down? There's an alternative. Generate your own electricity, and drive an electric car. Bob, k1bif, will go over the pros and cons of solar panels (off grid and grid tied), and electric cars. Yes, you can run a transceiver and amp with your solar panels. All will be revealed in the September RANV meeting.

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#### **RANV meeting. 7/14/2022**

Bob **K1BIF**

Present on-line was: no one

In person: KC1IFK, KC1JGM, KC1PYO, K1BIF, N1YD, W1SJ, W4YFJ, KK1L, AA1SU

The meeting began at 7:15

Two club members were discussing the 13 colonies program, and one remarked that there should be a ham radio Native American event as well. After a further discussion, the club will reach out to the Abnaki leadership to assess their interest in ham radio.

A discussion on future parks on the air led to several possible locations: Green River reservoir, Camel's Hump, and Lake Elmore. It was decided that the club activation will be August 20th . Farms on the air, at Bob's Tree Farm, is September 17th .

Stew gave a presentation on ham radio balloons, using GPRS to track balloons. The object is to launch a balloon, track it and retrieve it. Balloons can be a weather balloon (high altitude, a few hours at high altitudes), or a pico balloon (party size, and lower altitude).

There is software that can predict a trajectory of a balloon. Hydrogen is cheaper than helium, but a bit more dangerous. Payloads are determined by balloon size. To track a balloon, a GPRS radio is needed, larger balloons can also have a go pro camera. Pico launches can ride the jet stream – one has circumnavigated the globe more than once. Software can track any GPRS enabled balloon ([tracker.habhum.org](http://tracker.habhum.org)). Aprs.fi will also track all GPRS traffic. Airspace around airports is off limits.

The club picnic is August 13th at Kill Kare Park, 10:am– the club will provide charcoal and water.

Paul is bringing snacks in September.

Meeting ended at 8:45

Bob, k1bif, secretary

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## NEWS&VIEWS

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### NEXT MEETING

Saturday • August 13<sup>TH</sup> • 11:00am – 4:00pm  
Kill Kare State Park

Meeting Topic:  
Picnic

### Upcoming, Notices, & Misc

- Steering Wheel: 3<sup>rd</sup> Thur Noon; Ninety-Nine Restaurant, Taft Corners, Williston
- VE Exams every 2<sup>nd</sup> Friday; Contact [AB1DD@arrl.net](mailto:AB1DD@arrl.net) for information
- Dues due? Pay online at [www.ranv.org/ranvpay.html](http://www.ranv.org/ranvpay.html)