

Ozark QRP Banner



The Official Newsletter of the Four State QRP Group - WQ5RP Special Field Day 2019 Edition

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Field Day is one of the most active contest/operating events of the year. QRP is a large part of the operating activity. It gives us the opportunity to make friends, work portable, experiment with different antennas, enjoy the outdoors and so on. I would like to see this Special FD Edition become an annual edition of our newsletter. It is always enjoyable to see how other Four State QRP Members operate on Field Day. So for next year take a picture or two, add a short summary and send it in.

KCØPP, Editor

NE3I

On Field Day initially, I operated Class 2C Mobile deploying to Fort Washington State Park in Militia Hill, Pennsylvania (about 20 miles west of Philadelphia) and with several other members of Montgomery County ARES/RACE established a MESH Network there. Using an M2 MESH Node (<1 Watt) from my Mobile, I worked MontCo EC, W3EX through his M2 Node for my first 2.4 GHz QSO, Field Day or otherwise. Fort Washington State Park, elevation 300 Feet was, (and for many years has been), the Field Day site of the Phil-Mont Radio Club (W3EM). Perhaps, some of the Four States QRP Club worked W3EM. On Sunday, I operated Class 1E QRP from home. 73. Griff NE3I

N9PUZ

Myself along with other area hams operated the 2019 ARRL Field Day as W9DUA, the club call of the Sangamon Valley Radio Club. Our operating location was at our club station which is located in the EOC of the American Red Cross in Springfield, Illinois. We have two permanent HF stations. One is setup with a large horizontal loop on top of the 3 story building. The second HF station has a Hex Beam also on the roof. We have a variety of bandpass filters and tuning stubs to allow one station to operate 40 or 80 Meters with the loop while the other station can work 20-10 Meters with the Hex Beam. There is also a 2M 11-Element beam and the station is equipped with FM, D-Star, Fusion, and DMR equipment. When we aren't having fun or practicing our skills we provide communications support to the Red Cross from the generous facility and meeting space they provide for our use.

Tim N9PUZ



KO8S

I thought for Field Day 2019, I would try my new QCX-40 QRP transceiver using 40 meters using CW only (this is a QRP Mono-band CW only transceiver). The antenna was a center fed Zepp. The station was powered by a Harbor Freight 3-1 Portable Power Pack with Jump Starter which supplies about 12vdc along with a small LED light. At this low voltage, the QCX output power was 2 watts. I only had a short time to operate late Saturday afternoon; the band was busy, and I was able to "search & pounce" making "Q's" with this little rig! The QCX is a remarkable kit QRP radio, full of features that made it possible for me to enjoy this years Field Day, with the short time that I had. 73, de Karl, KO8S (Michigan)

NØSA

The St. Louis QRP Society operated from a local park in the suburbs of St. Louis. We operated 4A, Mo. The main stations were 40 meters with a Delta Loop hung between trees at about 40 or so feet and a the 20 meter station with a 2-element single mast wire beam with 4 switchable directions at 30 feet supported by a fiberglass telescoping pole. Other stations were 80 meters using a dipole, 15 meters using a halfwave vertical and 10 meters using a dipole. Thunderstorms delayed our setup about two hours, but then the weather cooperated.

About fifteen members attended. Our claimed score was 4230 points including the bonus points, with 141 contacts on 40 meters and 124 contacts on 20 meters.





The 20 Meter Antenna



WA9GQT & WØDF
40 Meters



NØMII & NØSA
20 Meters

State QRP Comfortable nets

meet each Wednesday night beginning at 20:00 Central Time. Add anything to the exchange that you wish, temp, rig, ant, etc.

Checking into all, sessions is encouraged. We call it the "Clean Sweep".

- 20:00 CT ... 40M CW Net on 7122 - WQ5RP/ACØBQ/KV6Z NCS
- 20:30 CT ... 80M CW Net on 3564 - WQ5RP/WAØITP NCS
- 21:00 CT ... 80M PSK Net on 3580.5 - WQ5RP/NØTGR NCS

All are welcome!

Second Sunday Sprint

Occurs on the second Sunday of each month, 7 to 9 PM Central
Any mode, any band (except WARC & 60 mtrs) -

- Suggested frequencies: standard calling freq. plus 7122 and 3564 (CW), and 3985, 7285, and 14285 (SB).
as well as the usual QRP watering holes.

QSO's with the same station on different bands are allowed. CW and SB portions of a band count as two bands.

- Calling CQ is suggested to be "CQ 4S"
- Exchange is "RST, SPC, member number (power if non-member)"
- 5 Watts max CW, 10 Watts PEP max SB.

The station with the most contacts each month will be emailed a certificate.

Furthermore, the top three stations with the most SSS contacts during the year will also receive certificates via email.

Scores are submitted via the grpcontest.com/4sgrp website (compliments of W8DIZ).

For full details, please download the [complete rules \(PDF\) here](#).

For questions, please contact John (AAØVE): SecondSundaySprint@4sgrp.com

*** NEW! *** Wednesday evening **DMR Voice Net** will be at (Thursday) 0300 UTC (9:00PM Central Time Wednesday/) Four States QRP has a Brandmeister DMR Talk Group (TG31654). Join us to discuss QRP, ask questions, or just ragchew. The Wednesday net is a directed net but any other time you may use the Talk Group to chat with other QRPers. Net Control operator is Bert NOYJ.

For information and help, check out the DMR subgroup on 4sqrp.groups.io
<https://4sqrp.groups.io/g/DigitalFM>

Thursday Morning

The Four State morning net has been convened for members who like to start the day on the air.

We meet each Thursday morning at 8:00 AM Central on 7122 kc.
7122 has become the Four State 40M hangout frequency, and often members can be found there on any morning.

Editors Note:

Articles are needed to make every Banner issue successful. If you have something of interest please send it to the editor at the email address below. You do not need to send a finished article. You can send some comments, notes, etc. and I can put it all together for you. Pictures are always of interest. Some of the items of interest would be outings and /or operating events by yourself or a group, construction whether equipment, antennas, accessories, QRP Field Day, SOTA, etc. Anything QRP is welcome.

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