

Results – 2021 Minnesota QSO Party

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MNQP Results:

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23rd Annual MNQP

It certainly became a different world last year soon after MNQP 2020 wrapped up. The 12 months leading up to this year's event has been like we have never seen before. Perhaps it should not be surprising that this year's Minnesota QSO Party should also come to an end in a manner like we have never seen before.

Within hours of the end of the party, the logs began arriving. Usually after three days it slows to almost a trickle. This year it just slowed to a steady stream. When we surpassed last year's participation numbers, we again expected it to slow to a trickle, but the stream kept flowing! The ongoing State QSO Party Challenge is certainly a factor. Perhaps the COVID restrictions have brought more people to the airwaves? Whatever the cause may be, we are happy to see the results.

This year we took in a record number - 624 logs. That is significant, because in 2020 we set at an all-time record by just surpassing the 400 log mark. In 2018 which was an anniversary year of sponsorship, celebrating with a lot of 1x1 calls, we set a record at that time of just over 300 logs.

Thank you to all who participated, even those who participated without a log submission. Your support is appreciated.

---MNQP Committee ---

Editorial:

Can too much of a good thing be a bad thing?

When the participation levels rises dramatically in a State QSO Party, how does this have an effect on out-of-state and in-state participants? It probably does not for the casual participant, but for those who want to try for a competitive entry, it may become more of a challenge. It is especially more of a challenge for the geographical areas lacking in good propagation. More activity may have the opposite effect of making a county sweep possible for some, when during the window of opportunity to pick up that last needed county; you are now facing a DXpedition size pile-up. Of course there are not any downsides for the in-state participants, other than perhaps that little twinge of disappointment felt, when as a mobile you cross over into the county, leaving a large group of callers, only to start anew. As a mobile this year I experienced that. I ended up over an hour behind my published route schedule. Many of the early years I recall that after driving (somewhat close to the speed limit), I would almost always run a county dry of callers before hitting the border of the next county.

.....Just growing pains I guess.

MNQP: By the Numbers......

Shown below is a snapshot of MNQP for the last four years. In 2018, the Minnesota Wireless Assn. celebrated 20 years of sponsorship of MNQP. A very large number of 1 x 1 calls were activated, and we saw record turnouts. 2019 saw a downturn in activity, but 2020 with the advent of the State QSO Party challenge, saw numbers increase by almost 60%! This year we had another amazing almost 50% increase from our record activity level of the year before.

This year we processed almost 56,000 lines of QSO data. If every person who made five or more QSO's had submitted their log, we would have seen participation rise from 624 logs to 1,438 logs. Taking that to two or more contacts, and we would be looking at 2,488 different logs.

For Minnesota stations, the six most elusive multipliers were all Canadian entities as shown below. Beyond those, AK, HI, and DC multipliers were scarce as well.

For the non-Minnesota stations, Cook (COO) in the far Northeast corner of The top three golden logs the state could only be found once, while the usually hard to activate Houston (HOU) in the far Southeast corner had the good fortune of a major multi-op effort to land in the TOP six activated counties. No one this year could break into the 80+ county worked threshold, however a half dozen or so were able to nab more than 70 counties.

CW has led over SSB in QSO count since the start of MNQP, (until last year). Once again this year the number of phone contacts is higher than CW, and by a higher percentage as well.

Special thanks to KDØGLS for assistance in creating an "enhanced" LCR reporting system this year.

in the W/VE category are:

- 1. WØBV
- 2. N8II
- 3. KB9S

Jeff - N8II is a repeat at the 2nd ranked position.

The top Minnesota golden logs are:

- 1. KØTT
- 2. KCØMKS
- 3. WØBM

Jeff - KCØMKS is a repeat at the 2nd ranked position.

Log checking reports can be requested. E-mail:

mnqp@w0aa.org

Include your call sign and the text "LCR" in the subject line.

			MN		W/VE	
Year	# Logs	% chg.	Logs	% chg.	Logs	% chg.
2018	312		122	-	190	
2019	266	-14.7%	88	-27.9%	178	-6.3%
2020	421	58.3%	111	26.1%	310	74.2%
2021	623	48.0%	159	43.2%	464	49.7%

Mode	QSOs
CW	24,678
Phone	30,193

St. /Prov.	OP's / QSOs
VO Newfoundland	0
VY0 Nunavut	0
VY2 Prince Edward	0
VY1 Yukon	2/2
VE8 NW Territories	1/6
VE1 Nova Scotia	4 / 6

County	QSOs
Cook	1
Goodhue	14
Murray	21
Pipestone	22
Lyon	29
Kanabec	32

County	QSOs
Hennepin	5,732
Olmstead	1,963
Dakota	1,841
Washington	1,589
Mower	1,139
Houston	1.137

Mississippi Valley Amateur Radio Assn. Multi-Op - WØM

Editor – The Mississippi Valley Amateur Radio Association (MVARA) W9MVA decided to do a border crossing from Wisconsin into the far southeastern county of Houston and put together a large scale multi-op. The result was breaking a 10+ year old multi-op scoring record that may not be topped unless they try again themselves.

Mississippi Valley Amateur Radio Association (MVARA) recently acquired a fullsized emergency communications bus that needed some TLC. The club has been refurbishing it over the last year and was looking for an opportunity to operate from the bus to test out some of the recent improvements, as well as to test our ability to setup a viable HF communications center in less than ideal conditions. Operating in the Minnesota QSO Party looked like a fun way to test things out, although with the subzero weather Mother Nature threw at us for the weekend, it was certainly less than ideal for setup and take down.

Being that our club is officially based in Wisconsin, we have a 9-land club call sign, W9MVA. So, for the MNQP, we applied for, and received, the special event zero-land call sign of WØM.

One of our members works at a local TV station WXOW, which has their tower and studios at a high location in Houston County, and we were given permission to set up in their parking lot.

As a bonus to operating at the TV station, the news department couldn't resist checking out what we were doing, and we wound up being a part of the 10 P.M. broadcast news.

We had plans to put up a tri-bander on one portable tower, and use two other portable towers for dipole supports, but with the cold temps, decided to go with dipoles only (one each for 20m, 40m, and 80m, all up about 20-35 ft.) That worked out just fine, as we felt pretty loud on all bands. The bus and all antennas were in very close proximity, but with some ICE bandpass filters, inter-station interference was kept to a minimum and allowed us to have the maximum of two transmitters going for most of the contest period. We had a few computer and

radio issues that we needed to work out after the contest started -- this was expected and, of course, part of the reason for our participation -- but it did cause us to be off the air for some brief periods.

Continued next page...

MVARA setup in the parking lot of television station WXOW



M.V.A.R.A. Multi-Op - WØMcont

We were very happy with the overall multiplier count, as well as the number of QSOs, especially considering none of us had ever seriously operated the MNQP before.

Side Note: After taking everything down and preparing to leave, the driver of the bus (N9FDE) noticed he had no brakes! The problem was traced to a leaky brake line. We were VERY fortunate to notice this problem before heading down the steep hill back into town!! We are also fortunate that one of our club members owns

a commercial towing company and had the equipment to be able to tow the bus back to town, where we can work on fixing the problem.

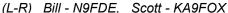
We had a blast and are looking forward to more operations like this, as well as being able to use the communications bus as a mobile tool to educate area students and the general public about

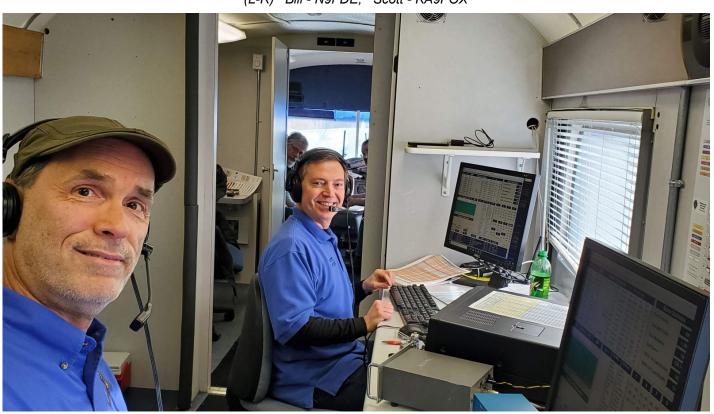
amateur radio, to encourage new members into joining the ham radio fraternity, and to support our communities with any emergency communication needs, as they may arise.

Operators & Crew:

Bill N9FDE
Scott KA9FOX
Tom WA9TS
Wayne KØWLO
Dan W9FCC
Pete AL7RH
Mike KEØHKA
Cory KC9NOJ
Craig N9ETD
Steve (waiting for call sign)

Check out the WØM QRZ page for more photos and links to the TV broadcast.





Profile: Fred Lampert – K2DFC

I was first licensed in 1967 as a Novice. My very first QSO was with G3VIV in England using a HeathKit DX-60B and a 15-meter dipole in the attic of my house. In those days we were limited to 75 watts and crystal control. You would call CQ and then tune up and down the band to see if someone answered. All on this was on CW of course. This was a great time to be in the hobby. Now 53 years later, I have never lost interest in ham radio. My main interests are DX'ing and contesting. Since I only run a maximum of 100 watts with modest

antennas, CW is my preferred mode. I also enjoy a few of the RTTY contests, ARRL Sweepstakes and some of the State QSO Parties.

Currently my shack is all Icom. My everyday rig is the 7600 The 756-Pro 3 serves as a backup, and the 7410 is for RTTY/PSK. This is also serves as the Field Day rig for our clubs 40-meter CW station.

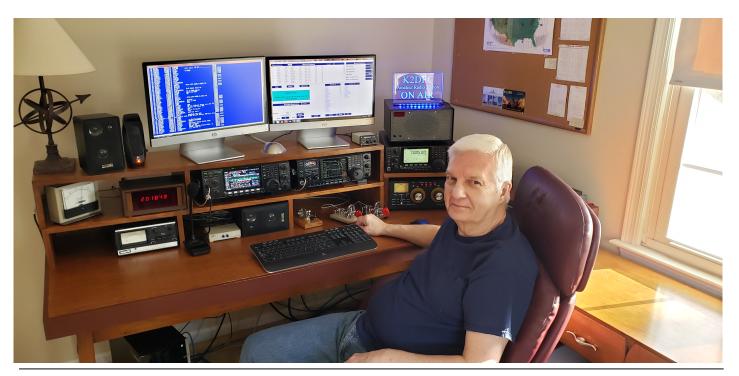
My antennas are a Force 12 C3S at 30', an M2 3 el 6-meter beam, and Carolina Windom at 60' for 80,40, and 30 meters. This was the first time for me operating in the Minnesota QSO Party. I like the fact it is a one day event, especially with all the other big weekend long contests going on around this same time of year.

I knew working MN from NJ should be pretty good on most bands and offer up a fair amount of contacts. I never expected it to be as good as it was. There were SO many MN Op's.

I managed to work all but 10 of the 87 counties. This was far more than I expected. I look forward to future contests.

Thanks to the MWA for putting on a great event.

73, Fred K2DFC



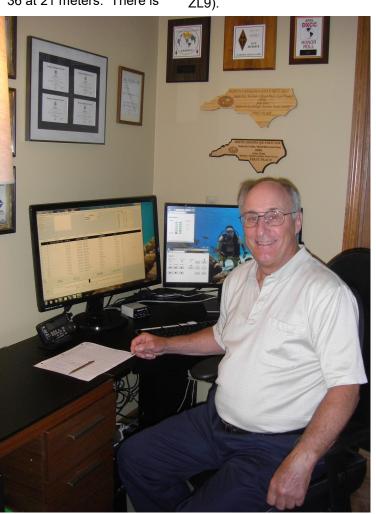
Fred - K2DFC in the shack.

Profile - John Getz - AD8J

Editor: Good to hear from the OP's that they are enjoying the Wild Rice gift rewards!

John, AD8J was first licensed in 1963 as WN4RIJ and has been active continuously. John is a retired broadcast engineer, and now lives in a condo development where he cannot put up any antennas. Seven years ago he purchased ¾ of an acre, 20 minutes away, and constructed a remote station. The main antenna is a SteppIR DB-36 at 21 meters. There is

an inverted VEE for 60M. There are also 1/4 wave inverted L's for 80 and 160M. Both have elevated radials and share the same feedline. An inverted VEE is used for 75M. There is a short Beverage running NE. The rig is a Kenwood TS-480SAT driving an Acom 2000A. Everything is controlled over the Internet. Main radio interests are operating contests and looking for the final three DXCC countries (BS7H, P5 & ZL9).





AD8J wall of awards. (above)

John at the operating position (below)

John won his first contest wallpaper in 1965, at age 15, by winning Broward County on CW in the Florida QSO party. He has been an active contester ever since.

As luck would have it, a previous rice win in the MNQP ran out a week before this year's contest. His XYL encouraged him to make a big effort in this year's contest to replenish the rice supply. So the OM obliged, and spent the day in the operating chair. John will be winning another package of Minnesota Wild Rice!

MNQP (Field Day Style) - NGØC

I decided to operate out of Nicollet County so I chose a spot at a boat landing to Middle Lake where I would be "in the weeds" and not bother anyone.

I went out Friday near sunset to hang my multiband ladder line fed dipole, and man it was cold! It was below zero temperatures and the wind was blowing at 25 MPH. I set up camp Saturday morning before sunrise and the temps were nowhere near the good side of zero. It was terribly cold setting up camp, but

once the Buddy heater fired up, it was quite nice operating for the day. Only my feet were close to freezing!

At the start of firing up the rig I discovered an SWR issue and after the start of the contest I found a bad jumper from the tuner to rig. After that it was smooth sailing. I was running an ICOM 7800 with power supplied by three deep cycle batteries. I ended up as a phone only entry with 368 Qs and 87 multipliers.





One of the highlights of the day was having a group of friends drive out and visit for a stretch; and not long after they left, a very "kind" Nicollet County Sheriff stopped by out of concern from a neighbor who was wondering what I was doing out here in 20 degree below zero temperatures. He had a bit of a laugh when I asked him to come on in and play radio for a while. He left me to suffer out the last hours of the contest and I shut down a tad early to pack up camp before sunset.

It was quite fun operating portable, just as I have done many times in Alaska when out on the trap line or or hunting camp.

Next year I think I'll check the weather forecast before setting up camp and and decide if I want to brave the elements again!

Charlie NGØC

Operating Rover in the Minnesota QSO Party - WØZQ

Editor – Jon is no stranger to operating as a rover in the state QSO Parties. In addition to Minnesota, Jon has been on the road participating from Kansas, Iowa, North Dakota, South Dakota, Illinois, and Wisconsin.

2021 represents the 17th consecutive year of my participation in the Minnesota QSO Party as either a Mobile or a Rover. Both the Mobile and Rover operating categories offer DXpedition like fun. However, the Rover category adds has some unique aspects and flexibility that the Mobile category does not allow. While the Mobile operating category requires that your station, including antennas, must be selfcontained in or on your vehicle and be capable of operating while moving, the Rover category may operate just like a Mobile does but in addition to this they can also operate stationary using portable, temporary or permanent antennas. Operating stationary with a "betterthan-mobile" antenna is a significant advantage towards being heard. Think of Rovers as a mobile portable station that can transform itself between mobile as its moving and then portable when it stops and deploys non-mobile antennas. Setting up to run as a Rover really isn't much different than setting up to run as a mobile.



W0ZQ/r....Operating in snow free (and likely warm) South Dakota QP.

The primary difference is the antenna and/or how you mount it, and to some degree how you operate. My own Rover station has been unchanged for the last 10 years. The "station" is a Subaru Imprezza, a Yaesu FT897D radio, a Winkeyer USB for CW, and a very old Gateway netbook PC running N1MM for logging. The FT897D has both the 500 and the 300 Hz CW filters installed which are a big help with the pileups. To keep the netbook charged I use a Targus APD80 mobile charger that seems to be noise free.

As a Rover moving from county to county but stopping to operate, the

car is almost always running so power to the FT897D comes from the car battery system. If I am stopped for any length of time and the engine remains idling, every few minutes I will goose the accelerator pedal for a few seconds in order to rev the engine a little to make sure that the oil is getting circulated. I have not had any issues with this style of operating.

My antenna mount utilizes a four-magnet mobile mount that attaches to the top center of the car. Mounting the antenna on top of the car to get it as far away from the ground and to maximize the amount of metal under it is one key towards getting a

good signal out. The antenna mount is then electrically bonded to the car's roof through a short jumper strap that is clamped to my roof's 2m antenna mount. When operating mobile (moving) I use Hamstik antennas and while stopped operating as a Rover I take take the Hamstik off and use a manual tune screw driver with a 14 foot whip.

Continued next page...

Operating Rover in the Minnesota QSO Party cont...

The manual tune screw driver antenna with its 14 foot whip is essentially a full size vertical on 20m, half size on 40m, and quarter size on 80m and it seems to provide a superior signal to the Hamstiks especially on the two lower bands. While a Rover is allowed to operate while in motion, almost all my operating takes place while stopped. Occasionally I may operate SSB while moving and record those contacts on a voice recorder for logging post-contest. However, my enjoyment for this type of radiosport comes from operating CW. Finding a location to stop and operate safely from in Minnesota in February can sometimes be a challenge due to lots of snow. Safety is a prime consideration, both for myself, and to not create an undue distraction for others. Locations that I typically like to operate from include county parks, wayside rests, school or church parking lots, and sometimes if we have a year where the snow is not too deep, farm field pull outs. If the spot where I plan to operate from has any snow in it I will get out and walk it first to make

sure that it's really not a ditch! I can say that I have yet to get stuck anywhere, but to ensure that I don't I always take a shovel with me. As long as you have a shovel along you will never have to use it. Google Earth can be a good tool for preplanning and to look for places to operate from. Also be aware that sometimes parking lot flood lights can be noisy, especially on the low bands.

Regarding Rover operating strategy, and as a solo operator that does all the navigating, driving, and operating, I like to design a route that will cover as many Minnesota counties as possible with as little driving time as possible. I will typically operate from any given county for about 30 minutes and will activate all the bands where there is propagation, typically 20, 40 and 80m. Operating on or near county lines allows you to operate from two or more counties with little drive time plus you can take advantage of available propagation by operating on the low bands from all the adjoining counties during the morning or

evening hours, then rotate back through those same adjoining counties again when 20m is open. It's not uncommon for me to work other stations from any one given county on multiple bands. Looking ahead to the 2022 Minnesota QSO Party I hope that I have inspired others to give operating in the Rover category a try. The biggest advantage to operating as a Rover is that you can use a "betterthan-mobile" antenna and really run some pile-ups. After 30 minutes or so of operating from one spot you can take it down, drive say 15 minutes, and do it all again. And remember that a Rover can take just about any form so have fun designing your own

73 Jon-WØZQ

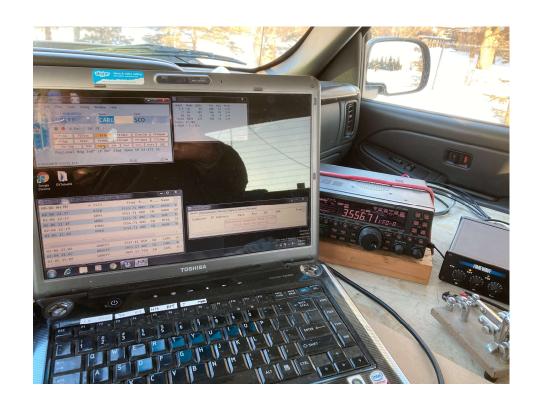
MOBILE MUSICAL CHAIRS?

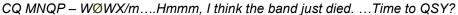
To the right is the K0LD mobile setup in a full size pickup truck. This year the setup was made to operate from the driver position.

Last year operation was from the <u>rear seat</u>.

The year before that operation was performed from the <u>front passenger seat!</u>

All I have left to try is putting a desk in the pickup bed, but that might be a bit chilly in MN. ©







Matt – W0ZZY, and Dan -AB0RE got a late start running mobile as W0WX, and then almost immediately had disaster strike.

A strong cross wind took the antenna off the roof. The coax was severed at the point it exited the window.

They managed to secure some parts at a truck stop to make the necessary repairs, and continue on.



2021 MINNESOTA QSO PARTY - RESULTS

MINNESOTA STATIONS

<u>Mobile</u>									
<u>Call</u>	Category	State	County	<u>cw</u>	SSB	Mults	Score	Club Affiliation	Operator(s)
N0HJZ ***	MOBILE	MN	16	125	1189	80	210,240		
K0PC	MOBILE	MN	18	1125	0	78	175,500		
N0EO	MOBILE	MN	15	503	9	70	71,680	Spirit Valley Amateurs Assn	AA0AW
K0LD	MOBILE	MN	8	289	0	53	30,634	Tw in City DX Assn	WA0MHJ
K0BBC	MOBILE	MN	14	0	347	44	30,536	Lake Area Amateur Radio Klub	
KE0TL	MOBILE	MN	12	217	24	61	29,402		NR0T, KE0TL
W9FZ	MOBILE	MN	8	0	258	42	21,672	Northern Lights Radio Society	W9FZ, KA9VVQ
W5IEM	MOBILE	MN	CLA	0	174	48	16,704	KY4DBY	
W0WX	MOBILE	MN	8	0	103	33	6,798		W0ZZY, AB0RE
KC0KYN	MOBILE	MN	3	0	99	34	6,732		
N0KBD	MOBILE	MN	7	42	0	19	1,596		
Rover									
<u>Call</u>	Category	State	County	<u>CW</u>	SSB	Mults	Score	Club Affiliation	Operator(s)
W0ZQ ***	ROVER	MN	11	789	10	79	126,242	Northern Lights Radio Society	
N0UR	ROVER	MN	11	719	2	77	111,034	Northern Lights Radio Society	
KE0TT	ROVER	MN	5	350	0	70	49,000		
KF0BQH	ROVER	MN	5	0	32	24	1,536		
QRP									
<u>Q(1 U</u>									
<u>Gru</u> Call	Category	State	County	cw	SSB	Mults	Score	Club Affiliation	Operator(s)
· <u> </u>	Category QRP	State MN	County NOB	<u>CW</u> 48	<u>SSB</u> 136	<u>Mults</u> 72	<u>Score</u> 26,496	Club Affiliation	Operator(s)
Call								Club Affiliation	<u>Operator(s)</u>
Call ND0C ***	QRP	MN	NOB	48	136	72	26,496	Club Affiliation	Operator(s)
Call ND0C *** K0UU	QRP QRP	MN MN	NOB HEN	48 191	136 0	72 60	26,496 22,920	Club Affiliation	<u>Operator(s)</u>
Call ND0C *** K0UU KE0WPA	QRP QRP QRP	MN MN MN	NOB HEN NOB	48 191 0	136 0 150	72 60 70	26,496 22,920 21,000	Club Affiliation	<u>Operator(s)</u>
Call ND0C *** K0UU KE0WPA AC0AF	QRP QRP QRP QRP	MN MN MN	NOB HEN NOB STL	48 191 0 0	136 0 150 69	72 60 70 42	26,496 22,920 21,000 5,796	Club Affiliation	<u>Operator(s)</u>
Call ND0C *** K0UU KE0WPA AC0AF KE0EA	QRP QRP QRP QRP QRP	MN MN MN MN	NOB HEN NOB STL OLM	48 191 0 0 35	136 0 150 69 11	72 60 70 42 26	26,496 22,920 21,000 5,796 2,392	Club Affiliation	<u>Operator(s)</u>
Call ND0C *** K0UU KE0WPA AC0AF KE0EA KD0V	QRP QRP QRP QRP QRP QRP	MN MN MN MN MN	NOB HEN NOB STL OLM WSC	48 191 0 0 35 47	136 0 150 69 11 0	72 60 70 42 26 25	26,496 22,920 21,000 5,796 2,392 2,350 320	Club Affiliation Northern Lights Radio Society	<u>Operator(s)</u>
Call ND0C *** K0UU KE0WPA AC0AF KE0EA KD0V W0UFO	QRP QRP QRP QRP QRP QRP	MN MN MN MN MN MN	NOB HEN NOB STL OLM WSC RAM	48 191 0 0 35 47 16	136 0 150 69 11 0	72 60 70 42 26 25 10	26,496 22,920 21,000 5,796 2,392 2,350 320		<u>Operator(s)</u>
Call ND0C *** K0UU KE0WPA AC0AF KE0EA KD0V W0UFO N0SUW	QRP QRP QRP QRP QRP QRP	MN MN MN MN MN MN	NOB HEN NOB STL OLM WSC RAM	48 191 0 0 35 47 16	136 0 150 69 11 0	72 60 70 42 26 25 10	26,496 22,920 21,000 5,796 2,392 2,350 320		<u>Operator(s)</u>
Call ND0C *** K0UU KE0WPA AC0AF KE0EA KD0V W0UFO N0SUW	QRP QRP QRP QRP QRP QRP QRP	MIN MIN MIN MIN MIN MIN	NOB HEN NOB STL OLM WSC RAM HEN	48 191 0 0 35 47 16 0	136 0 150 69 11 0 0	72 60 70 42 26 25 10	26,496 22,920 21,000 5,796 2,392 2,350 320 2	Northern Lights Radio Society	
Call ND0C *** K0UU KE0WPA AC0AF KE0EA KD0V W0UFO N0SUW	QRP QRP QRP QRP QRP QRP QRP	MN MN MN MN MN MN	NOB HEN NOB STL OLM WSC RAM	48 191 0 0 35 47 16	136 0 150 69 11 0 0	72 60 70 42 26 25 10	26,496 22,920 21,000 5,796 2,392 2,350 320 2		<u>Operator(s)</u>
Call ND0C *** K0UU KE0WPA AC0AF KE0EA KD0V W0UFO N0SUW	QRP QRP QRP QRP QRP QRP QRP	MIN MIN MIN MIN MIN MIN	NOB HEN NOB STL OLM WSC RAM HEN	48 191 0 0 35 47 16 0	136 0 150 69 11 0 1	72 60 70 42 26 25 10 1	26,496 22,920 21,000 5,796 2,392 2,350 320 2	Northern Lights Radio Society Club Affiliation	<u>Operator(s)</u> KA9FOX, N9FDE,
Call ND0C *** K0UU KE0WPA AC0AF KE0EA KD0V W0UFO N0SUW	QRP QRP QRP QRP QRP QRP QRP	MIN MIN MIN MIN MIN MIN	NOB HEN NOB STL OLM WSC RAM HEN	48 191 0 0 35 47 16 0	136 0 150 69 11 0 1	72 60 70 42 26 25 10 1	26,496 22,920 21,000 5,796 2,392 2,350 320 2	Northern Lights Radio Society Club Affiliation	<u>Operator(s)</u> KA9FOX, N9FDE, K0WLO, AL7RH,
Call ND0C *** K0UU KE0WPA AC0AF KE0EA KD0V W0UFO N0SUW Multi-OP Call W0M ***	QRP QRP QRP QRP QRP QRP QRP QRP QRP	MIN MIN MIN MIN MIN MIN MIN	NOB HEN NOB STL OLM WSC RAM HEN	48 191 0 0 35 47 16 0	136 0 150 69 11 0 0 1	72 60 70 42 26 25 10 1	26,496 22,920 21,000 5,796 2,392 2,350 320 2 Score 200,688	Northern Lights Radio Society Club Affiliation	Operator(s) KA9FOX, N9FDE, KØWLO, AL7RH, WA9TS
Call ND0C *** K0UU KE0WPA AC0AF KE0EA KD0V W0UFO N0SUW Multi-OP Call W0M ***	QRP QRP QRP QRP QRP QRP QRP QRP MULTI-OP	MIN	NOB HEN NOB STL OLM WSC RAM HEN	48 191 0 0 35 47 16 0	136 0 150 69 11 0 0 1 1 SSB 512	72 60 70 42 26 25 10 1 Mults 111	26,496 22,920 21,000 5,796 2,392 2,350 320 2 Score 200,688	Northern Lights Radio Society Club Affiliation	Operator(s) KA9FOX, N9FDE, KØWLO, AL7RH, WA9TS KØJP, KØMKL
Call ND0C *** K0UU KE0WPA AC0AF KE0EA KD0V W0UFO N0SUW Multi-OP Call W0M ***	QRP QRP QRP QRP QRP QRP QRP QRP MULTI-OP	MIN	NOB HEN NOB STL OLM WSC RAM HEN County HOU KIT WSC	48 191 0 0 35 47 16 0	136 0 150 69 11 0 1 1 SSB 512	72 60 70 42 26 25 10 1 	26,496 22,920 21,000 5,796 2,392 2,350 320 2 Score 200,688 71,808 60,876	Northern Lights Radio Society Club Affiliation	Operator(s) KA9FOX, N9FDE, K0WLO, AL7RH, WA9TS K0JP, K0MKL N0RPJ, N0RPI
Call ND0C *** K0UU KE0WPA AC0AF KE0EA KD0V W0UFO N0SUW Multi-OP Call W0M *** W0K N0RPJ KE0YBL	QRP QRP QRP QRP QRP QRP QRP QRP MULTI-OP	MIN	NOB HEN NOB STL OLM WSC RAM HEN County HOU KIT WSC ROC	48 191 0 0 35 47 16 0 0 <u>CW</u> 392	136 0 150 69 11 0 1 1 SSB 512 113 342 372	72 60 70 42 26 25 10 1 	26,496 22,920 21,000 5,796 2,392 2,350 320 2 Score 200,688 71,808 60,876 60,264	Northern Lights Radio Society Club Affiliation MISSISSIPPI VALLEY ARA	Operator(s) KA9FOX, N9FDE, KØWLO, AL7RH, WA9TS KØJP, KØMKL NØRPJ, NØRPI KEØYBL, N4ARH
Call ND0C *** K0UU KE0WPA AC0AF KE0EA KD0V W0UFO N0SUW Multi-OP Call W0M ***	QRP QRP QRP QRP QRP QRP QRP QRP MULTI-OP	MIN	NOB HEN NOB STL OLM WSC RAM HEN County HOU KIT WSC	48 191 0 0 35 47 16 0	136 0 150 69 11 0 1 1 SSB 512	72 60 70 42 26 25 10 1 	26,496 22,920 21,000 5,796 2,392 2,350 320 2 Score 200,688 71,808 60,876 60,264	Northern Lights Radio Society Club Affiliation	Operator(s) KA9FOX, N9FDE, KØWLO, AL7RH, WA9TS KØJP, KØMKL NØRPJ, NØRPI

Single OP - Low Power

Call AC0W ***	<u>Category</u> SOLP	State MN	County MOW	<u>CW</u> 398	<u>SSB</u> 615	<u>Mults</u> 112	<u>Score</u> 226,912	Club Affiliation ROCHESTER ARC	Operator(s)
W0PI	SOLP	MN	BEC	460	304	105		Detroit Lakes Amateur Radio Club	
W0OR	SOLP	MN	HEN	430	288	104	149,344		
KI0F	SOLP	MN	WAB	246	415	103	136,166		
K0AD	SOLP	MN	HEN	436	220	98	128,576	Tw in City DX Assn	
NG0E	SOLP	MN	COT	7	665	88	118,272	•	
W0PR	SOLP	MN	RIC	390	258	91	117,936		
K0TT	SOLP	MN	DAK	228	388	93	114,576		
K0FVF	SOLP	MN	WSH	358	213	96	109,632	F.O.R.C.E.	K0TI
N0V	SOLP	MN	FIL	302	204	95	96,140		NY0V
N0OK	SOLP	MN	MIL	16	501	91	94,094		
N0BUI	SOLP	MN	WIN	474	0	96	91,008		
W0BM	SOLP	MN	DOD	0	501	86	86,172	Rochester ARC	
NN0DX	SOLP	MN	WSH	311	147	92	84,272		
K0HB	SOLP	MN	HEN	428	0	88	75,328		
AE0EE	SOLP	MN	LES	298	104	91	73,164		
K0TG	SOLP	MN	RAM	417	0	86	71,724	F.O.R.C.E.	
K0MPH	SOLP	MN	STR	327	85	84	69,216	Tw in City DX Assn	
K0EA	SOLP	MN	HEN	233	161	84	66,192		
WB0CFF	SOLP	MN	SCO	375	0	86	64,500		
KA0PQW	SOLP	MN	STE	292	92	80	61,440		
KB0EO	SOLP	MN	LES	65	249	81	50,868		
K4IU	SOLP	MN	OLM	329	0	74	48,692		
K0COM	SOLP	MN	CAS	9	270	87	48,546		
KB0NES	SOLP	MN	DAK	28	290	75	47,700		
N0AT	SOLP	MN	HEN	287	17	78	47,424		
AI0Y	SOLP	MN	HEN	292	0	72	42,048		
K0GW	SOLP	MN	WSH	237	37	76	41,648		
WB0N	SOLP	MN	HEN	130	120	80	40,000	Tw in City DX Assn	
W0RX	SOLP	MN	PEN	159	75	85	39,780		
K0TC	SOLP	MN	RAM	254	0	69	35,052		
N0KK	SOLP	MN	HEN	245	2	65	32,110		
WA0MHJ	SOLP	MN	ANO	150	54	70	-	Tw in City DX Assn	
WIØS	SOLP	MN	WRI	235	0	59	27,730		
KC0RET	SOLP	MN	HEN	143	73	64	27,648		
K0OB	SOLP	MN	HEN	91	112	61	24,766		
K0RC	SOLP	MN	CHS	149	24	69	23,874		
KA0CSW	SOLP	MN	MEE	92	36	63	•	Meeker County ARC	
KM0O	SOLP	MN	RAM	141	0	55	15,510		
N0BK	SOLP	MN	DAK	111	44	50	15,500		
K0MD	SOLP	MN	OLM	62	90	44	13,376		
N0ANE	SOLP	MN	NIC	92	29	55	13,310		

2021 Minnesota QSO Party

Single C	P - Low	Power	(cont.)
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Call	Category	State	County	<u>cw</u>	SSB	Mults	Score	Club Affiliation	Operator(s)
KD0HRM	SOLP	MN	STL	0	118	56	13,216	Spirit Valley Amateurs Assn	
N0UY	SOLP	MN	PEN	119	0	51	12,138		
W0ZF	SOLP	MN	DAK	63	57	48	11,520		
KF0GV	SOLP	MN	MOW	2	102	52	10,816		
WA0KNP	SOLP	MN	LAC	40	53	51	9,486	West Central MN ARC	
K0JJR	SOLP	MN	STL	26	55	44	7,128	Spirit Valley Amateurs Assn	
K0LAR	SOLP	MN	CRV	90	0	39	7,020		
WA0RBW	SOLP	MN	HEN	70	0	44	6,160		
KN0V	SOLP	MN	DAK	74	0	39	5,772		
WA9WFA	SOLP	MN	WSH	0	69	39	5,382		
W0LM	SOLP	MN	RAM	12	52	40	5,120		
W0GAF	SOLP	MN	PIN	35	30	34	4,420		
N0MQL	SOLP	MN	ANO	0	57	37	4,218		
WA0LIF	SOLP	MN	RAM	60	0	32	3,840		
WK0B	SOLP	MN	MAH	45	5	32	3,200		
W0IS	SOLP	MN	RAM	25	21	28	2,576		
W0HJ	SOLP	MN	MOR	48	0	26	2,496		
W6GMT	SOLP	MN	IΤΑ	37	11	24	2,304		
WA0VPJ	SOLP	MN	HEN	0	41	28	2,296	Northern Lights Radio Society	
KB0UAZ	SOLP	MN	DAK	43	0	26	2,236		
KE0BRZ	SOLP	MN	ANO	1	25	18	936	Anoka County Radio Club	
N0UK	SOLP	MN	HEN	22	1	14	644		
K0XQ	SOLP	MN	ANO	21	0	15	630	Anoka County Radio Club	
W0RSB	SOLP	MN	RAM	26	0	12	624		
W0AD	SOLP	MN	HEN	16	6	13	572		
N0RPM	SOLP	MN	DAK	15	0	10	300		
NU0W	SOLP	MN	STL	9	4	11	286	Spirit Valley Amateurs Assn	

Single OP - PHONE ONLY

<u>Call</u>	Category	<u>State</u>	County	<u>CW</u>	SSB	<u>Mults</u>	Score Club Affiliation	Operator(s)
K0YR ***	SOPH	MN	PIN	0	645	101	130,290 Mora Open Repeater	Assn
NIØK	SOPH	MN	BEL	0	556	101	112,312	
N0XT	SOPH	MN	ANO	0	581	91	105,742	
K0ON	SOPH	MN	MEE	0	519	89	92,382 Meeker County ARC	
KC0MKS	SOPH	MN	LAK	0	617	72	88,848 Spirit Valley Amateur	s Assn
AI0M	SOPH	MN	OLM	0	439	94	82,532	
KB0MPV	SOPH	MN	CHS	0	423	87	73,602	
K0VH	SOPH	MN	OLM	0	400	92	73,600 ROCHESTER ARC	
NG0C	SOPH	MN	NIC	0	354	87	61,596	
K0ARF	SOPH	MN	STR	0	325	94	61,100	K0SV
N0VRM	SOPH	MN	STL	0	412	73	60,152 Spirit Valley Amateur	s Assn
AD0DB	SOPH	MN	SCO	0	331	90	59,580 SMARTS Radio Club	
NA0T	SOPH	MN	HEN	0	298	85	50,660	
W0XG	SOPH	MN	HEN	0	467	47	43,898 Tw in City DX Assn	
K0SIX	SOPH	MN	SHE	0	239	86	41,108	

Single OP - PHONE ONLY (cont.)

Call	<u>Category</u>	State	County	<u>cw</u>	SSB		Score	Club Affiliation	Operator(s)
AG6EF	SOPH SOPH	MN MN	STV HEN	0 0	230 245	80 74		RUNESTONE ARC Eden Prairie Radio Club	
KD0B N9CD	SOPH	MN	HOU	0	243	74 75	34,050		
K0TJT	SOPH	MN	BLU	0	184	75	27,600		
NY0A	SOPH	MN	MEE	0	198	65	25,740		
KØMJS	SOPH	MN	SHE	0	177	68	24,072		
KD0MOM	SOPH	MN	MOR	0	172	68	23,392	RUNESTONE ARC	
K1KD	SOPH	MN	OLM	0	249	44	21,912		
KG0DX	SOPH	MN	STR	0	145	71	20,590	RUNESTONE ARC	
KD0ZWM	SOPH	MN	DAK	0	184	47	17,296	South East Metro Amateur Radio Club	
K0B	SOPH	MN	OLM	0	153	51	15,606		WB0DYZ
N0ECK	SOPH	MN	WAT	0	139	53	14,734		
K0CN	SOPH	MN	WRI	0	115	58	13,340		
KM0NAS	SOPH	MN	HEN	0	160	39	12,480		
N0HDR	SOPH	MN	ANO	0	109	56	12,208		
KC0TAF	SOPH	MN	TOD	0	109	54	,	RUNESTONE ARC	
NØRMJ	SOPH	MN	CRL	0	135	43		Spirit Valley Amateurs Assn	
N2RSC	SOPH	MN	HEN	0	105	46	9,660		
W0COE	SOPH	MN MN	DAK	0	115 79	37	8,510		
K0RJW WA0EBZ	SOPH SOPH	MN	WSH TOD	0	75	48 42	7,584 6,300	RUNESTONE ARC	
KØJM	SOPH	MN	HEN	0	86	36	6,192		
KC0QNA	SOPH	MN	SIB	0	71	38		Sibley Co. Emerg. Radio Team	
WB0KUG	SOPH	MN	DOU	0	59	32		RUNESTONE ARC	
KC0FOT	SOPH	MN	JAC	0	48	33	3,168		
K0IUZ	SOPH	MN	SCO	0	46	32	2,944		
AE0BC	SOPH	MN	DAK	0	49	28	2,744		
K0VG	SOPH	MN	HEN	0	43	31	2,666	Northern Lights Radio Society	
N0XFD	SOPH	MN	HEN	0	39	26	2,028		
K0UH	SOPH	MN	OLM	0	40	25	2,000		
WX0Z	SOPH	MN	RAM	0	37	24	1,776		
KC0NFB	SOPH	MN	STL	0	34	26	•	Spirit Valley Amateurs Assn	
KØTLG	SOPH	MN	HEN	0	34	23	1,564		
K9FQO	SOPH	MN	BEC	0	35	22		Detroit Lakes Amateur Radio Club	
KC0ZZL	SOPH	MN	STL	0	30	19	•	Spirit Valley Amateurs Assn	
N0KEN	SOPH SOPH	MN	CRO HEN	0	25 25	20 20	1,000 1,000		
W0BLG	SOPH	MN MN	BEL	0	19	20 17	646		
WØRFP ABØKT	SOPH	MN	RIC	0	12	11		Southeast Metro Amateur Radio Club	
KC0WDQ	SOPH	MN	STL	0	10	9		Spirit Valley Amateurs Assn	
KEØWUT	SOPH	MN	DOU	0	9	7		RUNESTONE ARC	
W0STV	SOPH	MN	OLM	0	8	6	96		
W0NFE	SOPH	MN	SCO	0	7	6		SMARTS Radio Club	
NØNKL	SOPH	MN	LAK	0	7	6		Spirit Valley Amateurs Assn	
KB0D	SOPH	MN	HEN	0	3	3	18	•	
K9TWW	SOPH	MN	ISA	0	3	3	18		

2021 Minnesota QSO Party

W/VE STATIONS

Single OP - Low Power

Call	Category	St./Prv	cw	SSB	Mults	Score	Club Affiliation	Operator(s)
K2DFC * * *	SOLP	NJ	97	72	77	26,026	SUSSEX COUNTY ARC	
N7ZZ **	SOLP	WI	117	83	63	25,200		
N8II *	SOLP	WV	102	84	65	24,180	POTOMAC VALLEY RADIO CLUB	
KB9S **	SOLP	WI	127	53	66	23,760	Eau Claire ARC	
WO9B	SOLP	WI	128	26	64	19,712	West Allis RAC	
N9SD	SOLP	WI	91	70	58	18,676	Badger Contesters	
WB9HFK *	SOLP	L	119	29	62	18,352	Society of Midwest Contesters	
K9CW	SOLP	L	143	0	59	16,874	Society of Midwest Contesters	
W5VS *	SOLP	VA	97	22	56	13,328		
W9QL	SOLP	L	57	71	50	12,800	Society of Midwest Contesters	
K9PW	SOLP	L	73	33	58	12,296	Society of Midwest Contesters	
K9BTQ	SOLP	WI	81	33	49	11,172	West Allis RAC	
K9GDF	SOLP	WI	104	17	46	11,132		
WA9LEY	SOLP	L	84	20	50	10,400	Metro DX Club	
N2CU	SOLP	NY	88	17	49	10,290	Niagara Frontier Radiosport	
K0HNC *	SOLP	KS	78	15	54	10,044		
W9DC *	SOLP	SC	33	56	56	9,968		
KX9RT	SOLP	WI	64	43	43	9,202		
AI6O *	SOLP	MO	40	56	46	8,832	Kansas City Contest Club	
AF8A	SOLP	ОН	95	0	44	8,360	Mad River Radio Club	
WA2JQK	SOLP	NY	45	50	41	7,790	Hudson Valley Contesters and DXers	
NU0Q *	SOLP	IA	55	19	50	7,400		
K0KX *	SOLP	SD	66	26	40	7,360	Great Places Contest Club	
KM4FO *	SOLP	KY	76	0	47	7,144	Kentucky Contest Group	
VE5KS *	SOLP	SK	51	36	41	7,134	Saskatchew an Contest Club	
AE9LL	SOLP	IN	40	38	43	6,708	Hoosier DX and Contest Club	
W7OM	SOLP	WA	60	20	41	6,560	Western Washington DX Club	
K2AL	SOLP	NJ	37	39	38	5,776	New Providence ARC	
W1QK	SOLP	CT	43	29	38	5,472	Candlew ood ARA	
W8PI	SOLP	MI	69	0	39	5,382		
N6MU *	SOLP	CA	61	0	44	5,368	Southern California Contest Club	
AD1C	SOLP	CO	39	23	43	5,332	Grand Mesa Contesters of Colorado	
K4VBM *	SOLP	GA	23	38	43	5,246	GEORGIA CONTEST GROUP	
K7TQ *	SOLP	ID	60	0	41	4,920		
W8BZY	SOLP	ОН	60	0	36	4,320		
W2AAB	SOLP	NJ	18	41	36	4,248	FRANKFORD RADIO CLUB	
N3CKI	SOLP	NC	39	23	34	4,216	POTOMAC VALLEY RADIO CLUB	
AB7RW	SOLP	WA	50	0	38	3,800		
N9NM	SOLP	TX	58	0	32	3,712	Central Texas DX and Contest Club	

Single OP - Low Power (cont.)

<u>Call</u>	Category	St./Prv	<u>cw</u>	SSB	Mults	Score	Club Affiliation	Operator(s)
N4ARO	SOLP	TN	41	15	33	3,696	Tennessee Contest Group	
W1NVT	SOLP	VT	1	57	30	3,480	Radio Amateurs of Northern Vermont	W1SJ
KF9VV	SOLP	WI	53	0	32	3,392	Driftless Zone Contesters	
K9QC	SOLP	WI	50	0	33	3,300		
AH6KO *	SOLP	HI	47	0	35	3,290		
N9CK	SOLP	WI	58	0	28	3,248	Society Of Midwest Contesters	
N9MS	SOLP	WI	52	0	31	3,224		
KB4KBS	SOLP	GA	18	29	33	3,102	South East Contest Club	
K5WSN	SOLP	TX	44	6	31	3,100		
N1CGP	SOLP	ME	53	0	29	3,074		
N8VV	SOLP	OH	51	0	30	3,060	Mad River Radio Club	
K3ZA	SOLP	PA	54	0	28	3,024	Frankford Radio Club	
N0YH	SOLP	MO	0	47	31	2,914		
N8DNA	SOLP	ОН	48	0	30	2,880		
AC5O *	SOLP	LA	8	40	26	2,496		
K0PG	SOLP	L	10	33	29	2,494		
W8EWH	SOLP	MI	46	0	25	2,300	Mad River Radio Club	
KD7HU *	SOLP	MT	15	23	30	2,280	Big Sky Contesters	
AC8WC	SOLP	MI	0	40	28	2,240	• •	
NY9P	SOLP	IL	36	0	29	2,088		
WA5SOG *	SOLP	AR	24	19	24	•	Fort Smith Area Amateur Radio Club	
KG6T *	SOLP	AZ	13	25	27	2,052		
W2QL	SOLP	VA	41	0	25	2,050		
KC9UL	SOLP	L	5	32	27	•	Society of Midw est Contesters	
K1VUT	SOLP	MA	40	0	23	-	Yankee Clipper Contest Club	
NN2NN	SOLP	NY	20	14	27		Niagara Frontier Radiosport	
K9FMX	SOLP	IN	35	0	26		Fort Wayne Radio Club	
W1END *	SOLP	NH	38	0	23		Yankee Clipper Contest Club	
AA0CL	SOLP	MO	17	17	25	1,700		
WB4OMM	SOLP	FL	4	31	24	-	Florida Contest Group	
WA0LJM	SOLP	GA	31	1	26		Sun City Peachtree ARG	
WIØWA	SOLP	IA	33	0	25		low a DX and Contest Club	
W3WHK	SOLP	PA	39	0	20	•	Frankford Radio Club	
KA9JAC	SOLP	WI	30	0	25	1,500		
KA9JAC K4DR	SOLP	TN	27	10	20		Tennessee Contest Group	
KZ9V	SOLP	WI	19	14	22	1,452	•	
	SOLP	NJ	19	18	24		Burlington County Radio Club	
K2SQS	SOLP	TN	20	12	22	•	Tennessee Contest Group	
W4SSF	SOLP	OH	23		21	,	'	
N8TFD				9			Queen City Emergency Net	
WA2CNV	SOLP	NY CT	0	29	23	-	ARC EmComm Srvc	
W1ARY	SOLP	CT	30	0 17	22	1,320		
WN4AFP	SOLP	SC	12	17	21		Sw amp Fox Contest Group	
WA3FAE	SOLP	MD	16	14	20	•	Potomac Valley Radio Club	^
WA1HEW	SOLP	PA	30	0	20	1,200	Northeast Maryland Amateur Radio Contes Society	ol .
NW0M	SOLP	MO	31	0	19	1.178	Kansas City Contest Club	
K4YJ	SOLP	ОН	14	14	21		Southwest Ohio DX Association	
14710	3021	J	1-7			.,		

Single OP - Low Power (cont.)

Call	Category	St./Prv	<u>cw</u>	SSB	Mults	Score	Club Affiliation	Operator(s)
VE3PQ	SOLP	ON	34	0	17	1,156		
VE7NI *	SOLP	BC	30	0	19	1,140		
AB2TB	SOLP	NJ	31	0	18	1,116		
K3QP	SOLP	PA	29	0	19	1,102	Frankford Radio Club	
VE7BC	SOLP	BC	0	24	22	1,056	ORCA DX AND CONTEST CLUB	
K9TY	SOLP	WI	5	20	21	1,050		
W2GFV	SOLP	SC	14	13	19	1,026		
VE3LMS	SOLP	ON	17	9	19	988		
N7VS	SOLP	OR	18	9	18	972	Willamette Valley DX Club	
N9WVM	SOLP	IN	10	12	22	968		
VA3DKL	SOLP	ON	17	8	18	900	CONTEST CLUB ONTARIO	
KA0REN	SOLP	MO	23	3	17	884		
K7DBN *	SOLP	UT	23	3	17	884		
KD9NHZ	SOLP	L	0	21	21	882	Bolingbrook ARS	
W3TAS	SOLP	DE	25	0	17	850	Potomac Valley Radio Club	
N7GOA	SOLP	ID	9	17	16	832		
W0JRM	SOLP	IA	1	22	18	828		
K8WWS	SOLP	OH	24	0	17	816	Dial Radio Club of Middletown	
K3YP	SOLP	OH	27	0	15	810		
N4EII	SOLP	NC	25	0	16	800		
W7DCM	SOLP	AZ	12	8	18	720		
KK4WX	SOLP	GA	2	18	18	720		
W7GF	SOLP	OR	20	0	18	720		
K5YX	SOLP	TX	9	15	15	720	Lake Area Amateur Radio Klub	
WA4MBG	SOLP	FL	0	21	17	714		
AB4WL	SOLP	AL	3	16	18	684		
W2DXE	SOLP	NY	21	0	15	630	Niagara Frontier Radiosport	
N4NTO	SOLP	NC	16	6	13	572	Potomac Valley Radio Club	
WA2JQZ	SOLP	CO	10	7	16	544		
KC2WUF	SOLP	NJ	6	12	15		New Providence ARC	
KF3G	SOLP	PA	19	0	14	532		
AG7CC	SOLP	WA	9	10	14	532		
W1WBB	SOLP	RI	24	0	11	528	CTRI Contest Group	
KB4DE	SOLP	SC	12	9	12	504		
K1DJ	SOLP	MA	19	0	13	494	Yankee Clipper Contest Club	
KX1W	SOLP	NY	8	8	15	480	Yankee Clipper Contest Club	
WO3X	SOLP	OH	0	16	15	480	Cuyahoga Falls ARC	
K3SV	SOLP	FL	17	0	14	476	Florida Contest Group	
N3BD	SOLP	MD	1	16	14	476	Northeast Maryland Amateur Radio Contest Society	
N8FYL	SOLP	MI	18	0	13	468	Mad River Radio Club	
N6EP	SOLP	CA	12	5	13	442	EARS	
NA2X	SOLP	NY	15	0	14	420		
KD2KW	SOLP	TX	19	0	11	418	Lake Area Amateur Radio Klub	
K4BSK	SOLP	NC	16	0	13	416		
K3TD	SOLP	NC	16	0	12	384	Potomac Valley Radio Club	

Single OP - Low Power (cont.)

Call	Category	St./Prv	<u>cw</u>		<u>Mults</u>	Score 274	Club Affiliation	Operator(s)
KB6NU	SOLP SOLP	MI CA	13 14	4 0	11 13		ARROW Northern California Contest Club	
KI6OY N3HWH	SOLP	PA	0	15	12		POTTSTOWN AMATEUR RADIO CLUB	
WA7BNM	SOLP	CA	2	11	13	338		
KC5DCT	SOLP	TX	7	6	12	312		
W7POE	SOLP	WA	13	0	12	312		
K8RGI/4	SOLP	FL	14	0	11		Cuyahoga Amateur Radio Society	
K3ZGA	SOLP	FL	14	0	11		The Villages Amateur Radio Club	
VE4DL *	SOLP	MB	2	12	11		Radiosport Manitoba	
NJ8J	SOLP	GA	12	3	10		South East Contest Club	
KN4JN	SOLP	FL	16	0	9	288		
W5LA	SOLP	LA	12	0	12		Louisiana Contest Club	
NS3U	SOLP	PA	12	1	11	286		
N9KPH	SOLP	WI	0	13	11	286	West Allis RAC	
AC5XK *	SOLP	DC	13	0	10	260		
W3PJ	SOLP	GA	11	2	10	260	South East Contest Club	
AC9FL	SOLP	L	0	11	11	242		
K5IX	SOLP	TX	12	0	10	240	Central Texas DX and Contest Club	
NJ1F	SOLP	NY	13	0	9	234	Yankee Clipper Contest Club	
NX4N	SOLP	FL	11	0	10	220	FLORIDA CONTEST GROUP	
K0JV	SOLP	SD	11	0	10	220		
KW4GF	SOLP	VA	2	9	10	220		
K0VBU	SOLP	KS	12	0	9	216	Kansas City Contest Club	
VA3FN	SOLP	ON	11	0	9	198		
W4NBS	SOLP	AL	10	0	9	180	Alabama Contest Group	
K0VW/4	SOLP	GA	10	0	9	180		
W6NKR	SOLP	CA	9	0	8	144		
NF8M	SOLP	MI	9	0	8	144	Mad River Radio Club	
WA0WHT	SOLP	VA	10	0	7	140		
KF7HB	SOLP	OR	8	0	8	128		
N4FP	SOLP	FL	6	3	7	126		
VE6ZC	SOLP	AB	3	4	7	98		
K4YDE	SOLP	FL	3	4	7	98		
KK0GT	SOLP	MO	0	7	7	98		
AA8TA	SOLP	OH	7	0	7	98		
N5PBP	SOLP	TX	0	7	7	98	South Texas DX and Contest Club	
N7IAD	SOLP	WA	0	7	7	98		
WA4GUD	SOLP	MD	8	0	6	96		
K8GT	SOLP	MI	8	0	6		Mad River Radio Club	
KC9YL	SOLP	WI	4	4	6		Society of Midw est Contesters	
W4SPR	SOLP	FL	7	0	6		FLORIDA CONTEST GROUP	
KB3FW	SOLP	SC	7	0	6		SCHH ARC	
WZ0W	SOLP	MO	6	0	6		Society of Midw est Contesters	
AG5XF	SOLP	OK	0	6	6	72		
WA8ZBT	SOLP	TX	7	0	5		DFW Contest Group	
KC7QY	SOLP	NM	0	7	4	56		

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2021 Minnesota QSO Party

Single OP - Low Power (cont.)

Call	Category	St./Prv	CW	SSB	Mults	Score Club Affiliation	Operator(s)
N9JF	SOLP	L	5	0	5	50 Society Of Midwest Contesters	
W5QLF	SOLP	TX	5	0	5	50 South Texas DX and Contest Club	
KB7AK	SOLP	WA	5	0	5	50	
W1UJ	SOLP	MA	5	0	4	40 Yankee Clipper Contest Club	
KE3ZT	SOLP	PA	2	3	4	40	
NA5W	SOLP	TX	3	1	4	32 Lake Area Amateur Radio Klub	
VA6RCN	SOLP	AB	2	1	3	18 CONTEST CLUB ONTARIO	VE3RCN
KB1EHX	SOLP	NY	0	3	3	18	
AB5XM	SOLP	TX	3	0	2	12	
AB8OU	SOLP	OH	0	2	2	8 Mad River Radio Club	
W8NNC	SOLP	OH	2	0	2	8 NOARS	
KC7YE	SOLP	WA	2	0	2	8 Snohomish County Hams Club	
N6HCN	SOLP	CA	1	0	1	2	
WB4OSU	SOLP	NC	0	0	1	2	
K4DXV	SOLP	TN	0	1	1	2 Tennessee Contest Group	
WT8WV	SOLP	WV	0	1	1	 Northeast Maryland Amateur Radio Contest Society 	

Single OP - QRP

<u>Call</u>	Category	St./Prv	<u>CW</u>	SSB	Mults	<u>Score</u>	Club Affiliation	Operator(s)
KY0Q * * *	QRP	IL	102	0	51	10,404	Society of Midwest Contesters	
K2YG	QRP	NJ	38	0	24	1,824	New Providence ARC	
K5UV	QRP	OK	38	0	22	1,672		
W9WB	QRP	L	11	16	21	1,134		
KC9CRM	QRP	WI	0	26	21	1,092		
VE3SIF	QRP	ON	26	0	12	624		
K0PJ	QRP	WI	0	18	15	540	Society of Midwest Contesters	
W7LG	QRP	PA	11	3	9	252		
VE3DQN	QRP	ON	11	0	11	242	CONTEST CLUB ONTARIO	
KI4MZC	QRP	GA	14	0	8	224	South East Contest Club	
WA4ZOF	QRP	GA	7	0	5	70	SECC	
K8RXB	QRP	MI	4	0	4	32	Holland Amateur Radio Club K8DAA	
VA7UNX	QRP	ВС	3	0	3	18		
K2EKM	QRP	VA	2	0	2	8		

Single OP - Phone Only

Call	Category	St./Prv	<u>CW</u>	SSB	Mults	Score	Club Affiliation	Operator(s)
W1KDA * * *	SOPH	RI	0	170	60	20,400		
WB0TEV *	SOPH	TX	0	125	56	14,000	DFW Contest Group	
KG9JP	SOPH	WI	0	109	43	9,374	Fox Cities ARC	
WA1SAY *	SOPH	CT	0	82	52	8,528		
AB1EP *	SOPH	ME	0	78	42	6,552		
KA0RVL	SOPH	KS	0	76	43	6,536		
W4ANT	SOPH	SC	0	75	43	6,450	South East Contest Club	
K4SBZ	SOPH	FL	0	71	45	6,390	Florida Contest Group	

Single OP - Phone(cont....)

<u>Call</u>	Category	St./Prv	<u>cw</u>	SSB	Mults	Score	Club Affiliation	Operator(s)
K0DD	SOPH	IA	0	72	35	5,040		
KD9GY	SOPH	L	0	60	37		Society of Midw est Contesters	
WA9PND	SOPH	WI	0	51	37		Society of Midw est Contesters	
KB1FRW	SOPH	VT	0	54	33	3,564		
KK4ADQ	SOPH	VA	0	57	31		Potomac Valley Radio Club	
K9WPV	SOPH	IN 	0	51	34	*	Goshen Amateur Radio Club	
WA7DUH	SOPH	WA	0	54	31	3,348		
W2ASC	SOPH	NY	0	55	30	3,300		
KB0UPC	SOPH	MI	0	56	29	3,248		
KE8FT	SOPH SOPH	CA DE	0	45 54	36 30	3,240 3,240	Northern California Contest Club	
AC3LZ * K0OP *	SOPH	ND	0	50	31	3,100		
AJ4LN	SOPH	VA	0	48	32	-	Sterling Park ARC	
VE3HED *	SOPH	ON	0	44	33	2,904	otering rank Arto	
VA6NJK	SOPH	AB	0	51	28	2,856		
KC1NOM	SOPH	ME	0	47	30	2,820		
N1IBQ	SOPH	CT	0	45	30	•	Candlew ood ARA	
W9JA	SOPH	WI	0	43	29	2,494		
NS7U	SOPH	WA	0	40	30	•	Willamette Valley DX Club	
W4BBT	SOPH	NC	0	39	30	2,340	Potomac Valley Radio Club	
K3GWK	SOPH	GA	0	41	27	2,214	South East Contest Club	
N2VSD	SOPH	NY	0	42	26	2,184		
KD9LVR	SOPH	WI	0	36	30	2,160		
KC9JML	SOPH	IN	0	36	28	2,016		
W0AMT *	SOPH	NM	0	35	25	1,750	Albuquerque DX Assn	
AA4JW	SOPH	SC	0	35	25	1,750		
N7AME	SOPH	WA	0	35	25	1,750	Snohomish County Hams Club	
WA0TTS	SOPH	MO	0	34	25	1,700	WATTS ARC	KC0DDZ
WA5SWN	SOPH	KS	0	32	26	1,664		
AI4DB	SOPH	TN	0	31	25	1,550	Tennessee Contest Group	
W9TA	SOPH	WI	0	33	23	1,518		
KI5GNH	SOPH	TX	0	36	21	1,512		
KM4IAJ	SOPH	VA	0	31	24	1,488		
KF5MU	SOPH	KY	0	28	25	1,400		
W6AFA	SOPH	CA	0	29	24	1,392		
KI0D	SOPH	SD	0	30	23	1,380		
NX3A	SOPH	VA	0	27	25		Shenandoah Valley Amateur Radio Club	
ND0TS	SOPH	ND	0	30	22	1,320		
VE2HEW	SOPH	QC	0	31	21	1,302		
KE8VU	SOPH	OH	0 0	27	24	•	Hamilton Amateur Radio Club	
WB5WAJ	SOPH	TN PA	0	28 29	23 22	•	Tennessee Contest Group	
N3RMC K4SHW	SOPH SOPH	GA	0	29 25	24	1,276 1,200	Silver Comet Amateur Radio Society	
W9VTD	SOPH	L L	0	30	19	1,140	•	
N1FR	SOPH	ME	0	27	21	1,134		
VE9RLW *	SOPH	NB	0	29	19	1,102		
V L JI \ L V V	55111	140	J	20		1,102		

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Single OP - Phone(cont....)

Call	Category	St./Prv	<u>cw</u>	SSB			Club Affiliation	Operator(s)
K6TQ	SOPH	CA	0	26	21	1,092	Prond Mana Contactors of Colorada	
K2KR	SOPH	CO	0	26	21	,	Grand Mesa Contesters of Colorado	
WØJMW	SOPH	KS	0	27	20	1,080	Delin ohne els A DC	
KD9MDO	SOPH	L	0	26	20		Bolingbrook ARS	
N8CJ	SOPH	OH	0	26	20	1,040 C	coken	
N2YG	SOPH	NY	0	27	19	1,026		
N4LKB	SOPH	VA	0	27	19	1,026 988		
KG4SRK	SOPH	KY VA/A	0	26	19			
KB7PKC	SOPH	WA	0	26	19	988		
KE6FQC	SOPH	CA	0	24	19	912	Society of Midwood Contractors	
W7KAM	SOPH	MO	0	25	18		Society of Midw est Contesters	
KD2REH	SOPH	NY	0	27	16	864	land Practidates A DC	
W2IOC/1	SOPH	VT	0	22	18		New Providence ARC	
KC2OSR	SOPH	NJ	0	23	17		NPARC Nor'easters	
KC2DPF	SOPH	VA	0	23	17	782		
KB8DX	SOPH	WV	0	21	18	756		
W5RJJ	SOPH	NM Tr	0	22	17	748		
KF5OMH	SOPH	TX	0	22	17		ake Area Amateur Radio Klub	
K1SO	SOPH	VA "	0	20	18		Potomac Valley Radio Club	
KD9NYE	SOPH	L	0	21	17	714		
N3AAA	SOPH	PA	0	21	17	714		
NW5Q	SOPH	TX	0	22	16		DFW Contest Group	
K5MAY	SOPH	TX	0	22	16	704		
KM4QE	SOPH	SC	0	20	17	680		
K2RYD	SOPH	NY	0	19	17		GREAT SOUTH BAY ARC	
W9LSE	SOPH	WI	0	19	17		Vinona Amateur Radio Club	
KC2PDO	SOPH	NJ	0	22	14	616		
N1ADX	SOPH	MA	0	19	16	608		
KC1IEB	SOPH	MA	0	20	15	600		
AE0A	SOPH	SD	0	20	15		Prairie Dog	
WB7CYO	SOPH	ID	0	19	15	570		
K1LOK	SOPH	UT	0	18	15	540		
WZ6ZZ	SOPH	CA	0	16	16	512		
WX9EP	SOPH	WI	0	18	14	504		
KA4FVE	SOPH	SC	0	17	14	476		
K1BIF	SOPH	VT	0	17	13		Radio Amateurs of Northern Vermont	
KD9MQV	SOPH	L	0	15	14	420		
N7MZW *	SOPH	WY	0	15	14		Grand Mesa Contesters of Colorado	
KA3CZY	SOPH	WV	0	23	9	414		
K1DVL	SOPH	CT	0	17	12	408		
W9CPZ	SOPH	MA	0	17	12	408		
W6US *	SOPH	NV	0	15	13		Sierra Nevada Amateur Radio Society	
AG4I	SOPH	GA	0	15	12	360		
VE2CJR	SOPH	QC	0	15	12	360		
K9ELF	SOPH	IN	0	13	13		Society of Midw est Contesters	
N2SQW	SOPH	NY	0	13	13		Hudson Valley Contesters and DXers	
W3JJL	SOPH	PA	0	13	13	338 F	Frankford Radio Club	

Single OP - Phone(cont....)

<u>Call</u> KD2SGM	<u>Category</u> SOPH	St./Prv NJ	<u>cw</u> 0	<u>SSB</u>	<u>Mults</u>	<u>Score</u> 336	Club Affiliation	Operator(s)
K4ELI	SOPH	GA	0	14	11		Silver Comet Amateur Radio Society	
N0LRA	SOPH	KS	0	12	12	288	Circle Complete American Funding Cooling	
K8NW	SOPH	ОН	0	13	11	286		
KJ4KKD	SOPH	TN	0	13	11	286		
AF1R	SOPH	MA	0	11	11		North East Weak Signal Group	
K4ARC	SOPH	TN	0	11	11		Tennessee Contest Group	
KB5GI	SOPH	OK	0	11	10	220	·	
W8KNO	SOPH	ОН	6	4	10	200	Portage County Amateur Radio Service	
N4MM	SOPH	VA	0	11	9	198		
W4YPW	SOPH	ОН	0	9	9	162		
WA4JA	SOPH	TN	0	9	9	162	Tennessee Contest Group	
VA3PC	SOPH	ON	0	10	8	160	CONTEST CLUB ONTARIO	
N4FA	SOPH	FL	0	9	8	144		
W4JFA	SOPH	NC	0	9	8	144		
N1XL	SOPH	NC	0	9	8	144		
WI6X	SOPH	CA	0	8	8	128	Southern California Contest Club	
K6BBQ	SOPH	CA	0	8	8	128		
K6TLH	SOPH	CA	0	8	8	128		
AJ0LZ	SOPH	KS	0	8	8	128		
KF2UJ	SOPH	NJ	0	8	8	128	Tri-County ARA	
KA3E	SOPH	PA	0	8	8	128	Wayne County Amateur Radio Club	
W8PAB	SOPH	ОН	0	8	7	112		
WY7AA	SOPH	WY	0	8	7	112		
K2MFW	SOPH	NJ	0	7	7	98		
KA3KSP	SOPH	PA	0	7	7	98		
KD5FBA	SOPH	TX	0	7	7	98	Brazos Valley ARC	
K7JSG	SOPH	UT	0	7	7	98		
KD4QMY	SOPH	GA	0	9	5	90		
KF4INA	SOPH	AL	0	6	6	72		
W2VDZ	SOPH	NJ	0	6	6	72		
K4GRE	SOPH	SC	0	6	6	72		
AA5AH	SOPH	TX	0	6	6	72		
K4LDW	SOPH	VA	0	6	6		Alexandria Radio Club	
WA2OMT	SOPH	VA	0	6	6	72		
N7GND	SOPH	OR	0	6	5	60		
WM5LA	SOPH	LA	0	5	5	50		
N5QIM	SOPH	OK	0	5	5	50		
KG5ZNJ	SOPH	TX	0	5	5	50		
KC2JRQ	SOPH	NY	0	5	4	40		
VE7BGP	SOPH	ВС	0	4	4		Nanaimo Amateur Radio Association	
W6JLV	SOPH	CA	0	4	4	32		
AB3GS	SOPH	MD	0	4	4	32		
AB1A	SOPH	PA	0	4	4		WA3COM	
VA2KD	SOPH	QC	0	4	4	32		
N5DN	SOPH	TX	0	4	4		North Richland Hills ARC	
N5DTT	SOPH	TX	0	4	4	32	Texas DX Society	

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Single OP - Phone(cont....)

<u>Call</u>	<u>Category</u>	St./Prv	<u>cw</u>	SSB	<u>Mults</u>	Score Club Affiliation	Operator(s)
ND9E	SOPH	L	0	3	3	18	
W6DMW	SOPH	CA	0	2	2	8 Northern California Contest Club	
K6FGV	SOPH	CA	0	2	2	8 Southern California Contest Club	
N0ZTO	SOPH	CO	0	2	2	8	
N5MKY	SOPH	MI	0	2	2	8	
W4KW	SOPH	TN	0	2	2	8 Tennessee Contest Group	
N4LKE	SOPH	TN	0	2	2	8	
K5LGX	SOPH	TX	0	2	2	8	
AL1G *	SOPH	AK	0	1	1	2	
NV4C	SOPH	GA	0	1	1	2 North Fulton ARL	
WB0GAG	SOPH	IA	0	1	1	2	
KG2E	SOPH	KY	0	1	1	2	
Al1G	SOPH	MA	0	1	1	2	
KB8ZR	SOPH	OH	0	1	1	2	
KF8MZ	SOPH	OH	0	1	1	2	
VE3GKT	SOPH	ON	0	1	1	2	
W4QYV	SOPH	SC	0	1	1	2 Carolina SideWinders	

Multi - OP

<u>Call</u>	Category	St./Prv	<u>CW</u>	SSB	Mults	<u>Score</u>	Club Affiliation	<u>Operator(s)</u>
N1SOH *	MULTI-OP	MA	20	40	38	4,560	Yankee Clipper Contest Club	N1SOH, W1FM
VA7ODX	MULTI-OP	BC	0	16	13	416	Orca DX & Contest Club	VA7BEC, VA7KO

Single OP - High Power

Call	Category	St./Prv	<u>CW</u>	SSB	Mults	Score	Club Affiliation	Operator(s)
K9NW * * *	SOHP	IN	184	107	79	45,978	Mad River Radio Club	
AD8J **	SOHP	NC	156	61	71	30,814	South East Contest Club	
KA6BIM **	SOHP	OR	91	117	68	28,288	Willamette Valley DX Club	
W5TM **	SOHP	OK	186	0	70	26,040	Deep Dixie Contest Club	
W0BV **	SOHP	CO	167	31	62	24,552		
K3WJV **	SOHP	PA	138	53	61	23,302	Frankford Radio Club	
K8MFO **	SOHP	OH	155	0	71	22,010	East Lansing DX Club	
NE9U	SOHP	WI	119	50	49	16,562	Honey Badger Contesters	
W3LL *	SOHP	MD	86	52	58	16,008	Potomac Valley Radio Club	
NS2N *	SOHP	NY	88	36	63	15,624	Niagara Frontier Radiosport	
K2RET	SOHP	NJ	76	60	53	14,416	Frankford Radio Club	
WB8WKQ *	SOHP	MI	87	46	53	14,098	MAD RIVER RADIO CLUB	
W6OAT *	SOHP	WA	81	26	59	12,626	Western Washington DX Club	

Single OP - High Power(cont...)

Call	Category	St./Prv	cw	SSB	Mults	Score	Club Affiliation	Operator(s)
KE0L *	SOHP	TN	98	24	51		Tennessee Contest Group	<u>Operator(s)</u>
KV0I *	SOHP	NE	77	53	45	11,700	·	
KR2AA	SOHP	NY	104	0	40	8,320		
WT9U	SOHP	IN	41	43	45	7,560	Society of Midw est Contesters	
N6AR *	SOHP	FL	43	40	43	7,138	Florida Contest Group	
W0BH	SOHP	KS	59	22	42	6,804	·	
VE6TL *	SOHP	AB	51	35	39	6,708		
K0HW	SOHP	SD	19	61	40	6,400		
KA4RRU	SOHP	VA	26	44	43	6,020	Potomac Valley Radio Club	
KIØY	SOHP	MO	33	31	45	5,760		
K5CM	SOHP	OK	76	0	37	5,624		
WA3AAN	SOHP	PA	49	27	37	5,624	Frankford Radio Club	
N3RJ	SOHP	PA	48	25	38	5,548	Frankford Radio Club	
K3DNE	SOHP	SC	5	56	38	4,636	Sw amp Fox Contest Group	
K9WO	SOHP	WI	41	23	33	4,224	Society of Midwest Contesters	
AA1SU *	SOHP	VT	20	40	35	4,200	Radio Amateurs of Northern Vermont	
NO2C	SOHP	NY	12	36	40	3,840	GREAT SOUTH BAY ARC	
KB4CG	SOHP	VA	24	32	30	3,360		
WB8III	SOHP	WV	31	11	38	3,192		
AG6V	SOHP	WA	45	0	34	3,060		
K2CUB	SOHP	MI	29	22	29	2,958	Society of Midwest Contesters	
KI6RRN	SOHP	CA	30	19	30	2,940	Southern California Contest Club	
KD9MS	SOHP	L	21	23	31	2,728	Society of Midwest Contesters	
WB2PJH	SOHP	NJ	37	10	29	2,726	Frankford Radio Club	
K5TIA	SOHP	TX	45	0	27	2,430	Texas DX Society	
VE3KP	SOHP	ON	47	0	25	2,350	Contest Club Ontario	
W1AJT	SOHP	NC	45	0	24	2,160	Contest Club Ontario	
K2SD	SOHP	NC	16	24	26	2,080	Carolina DX Association	
K8AJS	SOHP	OH	29	12	24	1,968	Mad River Radio Club	
K4BAI	SOHP	GA	39	0	24	1,872	South East Contest Club	
K7RLD	SOHP	WA	21	14	25	1,750	Radio Club of Redmond	
VE2FK *	SOHP	QC	34	0	22	1,496	Contest Group du Quebec	
W0GJ	SOHP	IA	28	4	23	1,472		
WØUY	SOHP	KS	33	0	20	1,320		
K1BZ	SOHP	MD	13	15	21	1,176	Potomac Valley Radio Club	
WQ6X	SOHP	CA	28	0	19	1,064	San Diego Contest Club	
W2XYZ	SOHP	FL	21	7	19	1,064	FLORIDA CONTEST GROUP	
WB9CIF	SOHP	IN	26	0	20	1,040		
KA4OTB	SOHP	TN	9	18	19	1,026	Tennessee Contest Group	
N1NN	SOHP	MA	27	0	18	972		
AA4TI	SOHP	FL	12	14	18	936	Florida Contest Group	
N7EPD	SOHP	WA	26	0	18	936	Pacific Northwest VHF Society	
KJ9B	SOHP	IN	0	22	20	880	Society of Midw est Contesters	
KX4X *	SOHP	AL	3	20	18	828	Alabama Contest Group	
W3OA	SOHP	NC	0	20	19		Carolina DX Association	
W2UDT	SOHP	NJ	0	21	18	756	Frankford Radio Club	

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Single OP - High Power(cont...)

Call	Category	St./Prv	CW	SSB	Mults	Score	Club Affiliation	Operator(s)
K9RS	SOHP	DE	11	11	17	748	Frankford Radio Club	
KB0LF	SOHP	NE	18	2	18	720		
K9MU	SOHP	WI	3	16	14	532		
N4CU	SOHP	FL	22	0	11	484	Alabama Contest Group	
W7CO	SOHP	OR	2	15	13	442	Willamette Valley DX Club	
K9OZ	SOHP	AR	17	0	12	408	ADXA	
KD0NEO	SOHP	MO	0	17	12	408	ST LOUIS AMATEUR RADIO CLUB	
WA5LXS	SOHP	TX	6	11	12	408	DFW Contest Group	
K4RUM	SOHP	NY	16	0	12	384	Hudson Valley Contesters and DXers	
AC4MC	SOHP	SC	14	3	11	374	SFCG	
KM8L	SOHP	WV	7	7	13	364		
AC6ZM	SOHP	TN	14	0	11	308	Tennessee Contest Group	
KW4EE	SOHP	NC	17	0	9	306		
VA3TTB	SOHP	ON	0	10	10	200		
N4TUU	SOHP	FL	0	11	9	198	Florida Contest Group	
N3KN	SOHP	VA	11	0	9	198	Potomac Valley Radio Club	
NR0P	SOHP	KS	3	6	8	144		
W4WWQ	SOHP	VA	0	8	8	128	Potomac Valley Radio Club	
WB2WPM	SOHP	NY	8	0	7	112	NIAGARA FRONTIER RADIOSPORT	
K7EZQ	SOHP	AZ	0	7	7	98	Yuma Amateur Radio Club	
N0SMX	SOHP	FL	7	0	6	84	The Villages Amateur Radio Club	
NN4RB	SOHP	VA	0	6	6	72	Potomac Valley Radio Club	
K0WRY	SOHP	KS	7	0	5	70		
K8TE	SOHP	NM	0	5	5	50	Albuquerque DX Assn	
K8ZT	SOHP	OH	4	1	5	50	NORTH COAST CONTESTERS	
N5KB	SOHP	IA	2	1	3	18		
W4ATL	SOHP	GA	1	0	1	2	Fourlanders Contest Team	

DX STATIONS

Unlimited

<u>Call</u>	Category	<u>CW</u>	SSB	<u>Mults</u>	Score	Club Affiliation	Operator(s)
OM2VL *	UNLIMITED	69	21	51	9,180	Slovak Contest Group	
DL3DXX *	UNLIMITED	61	0	41	5,002	Bavarian Contest Club	
OT6M *	UNLIMITED	30	18	34	3,264	Bavarian Contest Club	
DK3WW	UNLIMITED	18	0	13	468	Bavarian Contest Club	
JO7WXN *	UNLIMITED	8	0	7	112		
F6EPO *	UNLIMITED	6	0	5	60		

^{* * * -} Indicates Plaque Winner

^{* * -} Indicates Wild Rice Gift (Some prize winners may decline). *Note that most gift winners may also receive a certificate.

^{* -} Indicates Certificate Winner

CLUB COMPETITION

Club Name	# Entries	Score
Rochester ARC	3	386684 Top MN
Twin City DX Assn	7	348244
Northern Lights Radio Society	6	263912
Spirit Valley Amateurs Assn	11	256092
MISSISSIPPI VALLEY ARA	1	200688
F.O.R.C.E.	2	181356
Detroit Lakes Amateur Radio Club	2	161980
Mora Open Repeater Assn	1	130290
Meeker County ARC	2	108510
Society of Midwest Contesters	20	104532 Top Non-MN
RUNESTONE ARC	7	102756
Mad River Radio Club	10	76480
SMARTS Radio Club	3	73338
Frankford Radio Club	12	63392
Potomac Valley Radio Club	15	61598
South East Contest Club	8	45236
Eden Prairie Radio Club	1	36260
Lake Area Amateur Radio Klub	5	32454
Willamette Valley DX Club	4	32102
West Allis RAC	3	31170
Niagara Frontier Radiosport	5	28492
Deep Dixie Contest Club	1	26040
SUSSEX COUNTY ARC	1	26026
Eau Claire ARC	1	23760
Tennessee Contest Group	12	23614
East Lansing DX Club	1	22010
Western Washington DX Club	2	19186
Badger Contesters	1	18676
Florida Contest Group	9	18186
Southeast Metro Amateur Radio Club	2	17560
KY4DBY	1	16704
Honey Badger Contesters	1	16562
DFW Contest Group	4	15182
Metro DX Club	1	10400
Kansas City Contest Club	3	10226
West Central MN ARC	1	9486
Yankee Clipper Contest Club	7	9396
Fox Cities ARC	1	9374
Slovak Contest Group	1	9180
New Providence ARC	4	8932
Bavarian Contest Club	3	8734
Hudson Valley Contesters and DXers	3	8512
Southern California Contest Club	4	8444
Candlewood ARA	2	8172

CLUB COMPETITION cont...

Club Name	# Entries	<u>Score</u>
Great Places Contest Club	1	7360
Kentucky Contest Group	1	7144
Saskatchewan Contest Club	1	7134
Grand Mesa Contesters of Colorado	3	6844
Hoosier DX and Contest Club	1	6708
Swamp Fox Contest Group	2	5854
Contest Club Ontario	6	5830
Sibley Co. Emerg. Radio Team	1	5396
GEORGIA CONTEST GROUP	1	5246
Radio Amateurs of Northern Vermont	2	4642
GREAT SOUTH BAY ARC	2	4486
Central Texas DX and Contest Club	2	3952
Northern California Contest Club	3	3612
Goshen Amateur Radio Club	1	3468
Driftless Zone Contesters	1	3392
Sterling Park ARC	1	3072
Carolina DX Association	2	2840
Texas DX Society	2	2462
Big Sky Contesters	1	2280
Fort Smith Area Amateur Radio Club	1	2064
Bolingbrook ARS	2	1922
Fort Wayne Radio Club	1	1820
Albuquerque DX Assn	2	1800
Snohomish County Hams Club	2	1758
Radio Club of Redmond	1	1750
WATTS ARC	1	1700
Northeast Maryland Amateur Radio Contest So	3	1678
Sun City Peachtree ARG	1	1664
lowa DX and Contest Club	1	1650
Anoka County Radio Club	2	1566
Silver Comet Amateur Radio Society	2	1508
Contest Group du Quebec	1	1496
Alabama Contest Group	3	1492
Burlington County Radio Club	1	1440
Shenandoah Valley Amateur Radio Club	1	1350
Queen City Emergency Net	1	1344
ARC EmComm Srvc	1	1334
Hamilton Amateur Radio Club	1	1296
Southwest Ohio DX Association	1	1176
San Diego Contest Club	1	1064
ORCA DX AND CONTEST CLUB	1	1056
COOKEN	1	1040
Pacific Northwest VHF Society	1	936
Dial Radio Club of Middletown	1	816

CLUB COMPETITION cont...

Club Name	# Entries	Score 700
NPARC Nor'easters	1	782
Winona Amateur Radio Club Prairie Dog	1 1	646 600
CTRI Contest Group	1	528
Cuyahoga Falls ARC	1	480
EARS	1	442
Orca DX & Contest Club	1	416
ADXA	1	408
ST LOUIS AMATEUR RADIO CLUB	1	408
The Villages Amateur Radio Club	2	392
Sierra Nevada Amateur Radio Society	1	390
ARROW	1	374
SFCG	1	374
POTTSTOWN AMATEUR RADIO CLUB	1	360
Cuyahoga Amateur Radio Society	1	308
Radiosport Manitoba	1	308
Louisiana Contest Club	1	288
North East Weak Signal Group	1	242
Portage County Amateur Radio Service	1	200
South Texas DX and Contest Club	2	148
Tri-County ARA	1	128
Wayne County Amateur Radio Club	1	128
Brazos Valley ARC	1	98
Yuma Amateur Radio Club	1	98
SCHH ARC	1	84
Alexandria Radio Club	1	72
SECC	1	70
NORTH COAST CONTESTERS	1	50
Holland Amateur Radio Club K8DAA	1	32
Nanaimo Amateur Radio Association	1	32
North Richland Hills ARC	1	32
WA3COM	1	32
NOARS	1	8
Carolina SideWinders	1	2
Fourlanders Contest Team	1	2
North Fulton ARL	1	2

Soapbox

Dedicated to the memory of a good friend Dave, NIOW who became a SK on 2/1/21. - NOXT

Was a lone wolf again this year. I started on 40m with a fantastic run. Switched to 20m about 1820 and had a great run there. When that fizzled out about 2145, went back to 40m which was phenomenal again! Rarely put out a CQ without a response. Awesome time! Amazing what a difference a good beam makes. 73! Jeff -**KCOMKS....** 1st MNQP in years, usually are snowbirding w/o HF. – **KOVH....** Fun contest Thanks 73 Matt -**KAOPQW....** Ran 50 watts to a 66' inverted vee, 21' at the apex. Tuner: Johnson Matchbox. Lots of activity, sizeable pileups, lots of Q's. Thanks for the fun! 73, and C U next time. Dan - KEOTT.... First time entry. Had a blast. Learned a lot and will make changes in equipment and strategy for next year! Thanks for the fun! -**W0XG....** My antennas for 80 and 40 are currently very low; the SteppIR vertical isn't back on the new barn yet. Overall, I feel like I did OK considering. Had some great runs interspersed with awful dry spells. -**KOGW....** Limited time due to sharing station, but had fun! - **NDOC....** This was my first MNQP with my own call. - **KEOWPA....** What better way to spend a cold winter day during the COVID pandemic than by being on the radio with the always good: Minnesota QSO Party!!!!! - W1KDA.... Thanks for QSO party. - WA1SAY.... Many thanks to the mobiles/rovers - 11 counties from KOPC, and 4 each with KOLD, WOZQ, KEOTT, NOUR.My best hours were the first (on 40m) and the last (on 80m), 20M propagation was nowhere to be found into Ohio! - AF8A.... Thanks for all the mobiles, who activated many, many counties. - K4SBZ.... Another fun MNQP. - WAOEBZ.... Thank you for sponsoring the QSO Party. Lots of activity from Minnesota. 73, Dan -**W1QK....** A great time yet again, but found DEAD AIR TIME today after the lunch hour rush. What is up with that?? : (- KCOQNA.... It is a lot of fun reaching all these counties all around the state. A couple of contacts chatted me up for 45 minutes and it was really nice to QSO. - WA9WFA.... Activity and propagation were good. An enjoyable QSO Party. Kudos to Rich, NOHJZ for his many county operations. Thanks to the sponsors for a FB event. - W2AAB.... First time in this contest! - WA2CNV.... Given the band conditions (poor), I set a goal the week before of 1000 points. I doubled that and worked 11 new MN counties. Met a lot of nice guys, and one nice YL.- WA5SWN.... Operated as portable with a 9 ft. whip w/ WolfRiver loading coil mounted on vehicle in parking lot from WP. Transferred paper log to computer file after event - AB1A.... 100 Watts and a Wire. I gave those that I heard the Wyoming multiplier during very limited Op time. - N7MZW.... A few traded Qs during BCQP.- VA7ODX.... Wish I could have spent more time on the event.- KD2KW.... Thanks for great QSO Party. - N3HWH KX3 to vertical and horizontal dipoles, 5w. Once again, a great party! -**KI4MZC....** Flex 6400, Classic 33 at 45 ft. - **N4FP....**

Soapbox Cont.

A very casual phone-only operation, although I was on for the better part of the party. This was my first Minnesota QSO Party, and I had a lot of fun despite the meager score. But hey, what do you expect for a casual single-op low-power phone-only effort with an 80m OCF dipole at about 25 feet at the end of 130 feet of coax, and a suburban RF noise environment? Having the BC and VT parties going on at the same time was helpful, to the point that for a while I thought I might score higher in the VT party than our own! Actually it was a nice confirmation that the antenna reaches New England just fine, as I was sorely lacking in QSOs from that region during the 2020 ARRL November Sweepstakes and all other times. By far the longest-lasting fun was getting into a round-robin with a Minnesota crew handing out contacts and counties to all comers, holding the line for Dakota County. I also very much enjoyed the final 5 minutes of the party racking up 7 contacts and 5 multipliers while running a frequency. I'll definitely be back for more in 2022! - AEOBC.... Rig was FTdx5000 and Butternut vertical. Good activity this year. - W1END.... Worked from the truck with a single dipole. - W9WB.... This was truly a last-minute run from NX6T in Fallbrook. My main focus was XE-RTTY, but who can refuse a little mindless CW OP'ing for an a couple of hours. While I always want MORE stations to participate in their own QSO party, overall, I was pleased with the floods of MN stations throughout Saturday. Y'all should schedule some Sunday time as well, for those who can't make it on Saturday, for whatever reason. Nevertheless, those who DiD put MN in our logs - THANK YOU! Look for a write-up on this GiG at: http://WQ6X.Blogspot.com. - WQ6X.... My 14th Minnesota QSO Party. - N1NN.... Unfortunately I missed the first half of contest due to other obligations. I missed out on most of the mobile activity this year.- AA4TI.... NA sprint robbed the last hour of an already short QSO party, but good participation from MN as usual. - N7EPD.... I had a very limited time to operate, so I worked phone only mode. It was a fun contest and I look forward to more operating hours next year. - KA3CZY.... Good start to 2021 QSO Parties. - N4EII.... Good time on this contest I didn't know was happening until I was in it. -**WOJRM....** Fun QSO Party! - **N4NTO....** There are a lot of counties in MN. This is a really nice distance from Utah for 20 meters. - K1LOK.... Thank you for the 2021 Minnesota QSO Party. - KF3G.... I will try to participate in three QSO parties this weekend. - WO3X... Did not spend much time in this one. Hope everyone had fun and thanks for the Qs. - AASTA.... I had a lot of fun operating the Minnesota QSO Party along with our BC Party. 73 Gerry - VE7BGP.... Thanks for a great contest! - VA7UNX.... I enjoyed the contest. - JO7WXN.... Thanks for putting on the contest! Enjoyed it. - AB5XM....

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Mark your calendars for MNQP 2022

The 24th Minnesota QSO Party will be held on **Saturday**, **February 5**th, **2022** from 1400 UTC until 2400 UTC. Check the web site for latest information, tools and updates.

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