



Results – 2020 Minnesota QSO Party

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22nd Annual MNQP

The 2020 Minnesota QSO Party saw a dramatic increase in the number of logs submitted. This is very likely due to the announcement of the “**State QSO Party Challenge**”. This will be an annual event, and it combines the efforts of participants in 47 different events over the course of a year. MNQP just happened to be one of the initial kick-off events for this challenge. Please see:

<http://stateqsoparty.com/> for more details on this.

We believe that this is the first time ever in MNQP, that the number of Phone QSO's surpassed the number of CW QSO's. Typically we have seen about 10% more CW QSO's, but it appears a large number of casual non-MN participants resulted in a swing towards more SSB activity.

We usually make every effort to insure all 87 Minnesota counties are activated each year, but due to some unforeseen circumstances, we left a few counties without any mobile coverage, and a few more that turned out to be quite a challenge to find.

We would like to thank all the participants who stopped by to make some QSOs. In addition to those whose logs appear here, there were over 1000 participants who made from a just a few, up to a hundred contacts! It does make a difference.

Please mark your calendars. We look forward to your participation once again for next year's event.

73 - Mark WAØMHJ

MNQP Results:

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MNQP: By the Numbers.....

This year we had an amazing 34% increase from our record activity level of 2018. There were a total of 421 logs submitted. There were 111 Minnesota logs, and 310 non-MN logs representing 32,232 lines of QSO data. Almost the entirety of this increase was due to the increase in non-Minnesota activity.

Realistically the best anyone could do in an attempt to work all 87 Minnesota counties would have been to get 84. See the charts below for the top and bottom six activations by QSO count.

For the Minnesota stations, there were no DC, NL, NU, and YT multipliers to be found. Just a handful of Alaska, Hawaii and Manitoba stations were found in the logs.

If we would have received a log from every participant who made five or more contacts, our received log totals would have increased by almost 1,000 logs!

Over 50% of the participants use N1MM logging software. The second most popular is N3FJP logging software at about 30%. The remainder is a variety of about 20 different logging programs.

The top three golden logs in the W/VE category are:

1. K1RO
2. N8II
3. N2CU

The top Minnesota golden logs are:

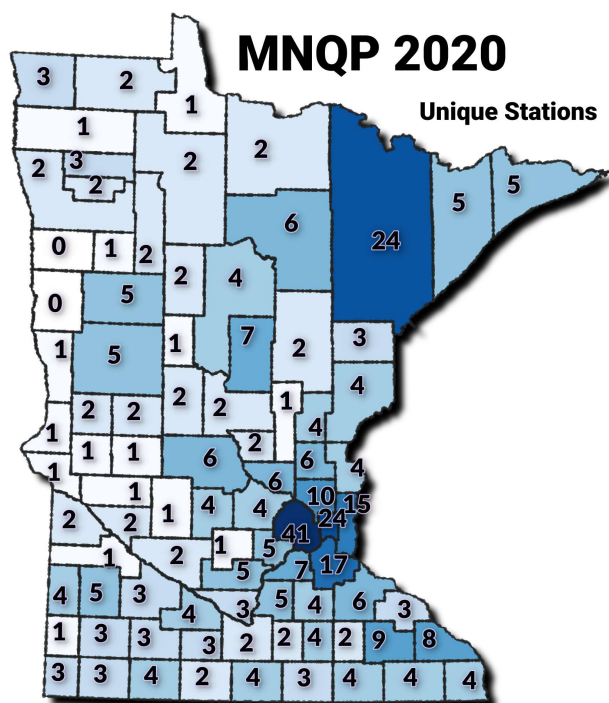
1. ACØW
2. KCØMKS
3. AEØEE

Log checking reports can be requested.

E-mail:

mnpq@w0aa.org

Include your call sign and the text "LCR".



Graphic courtesy of AEØEE

Band	QSOs
160M	25
80M	7,738
40M	12,626
20M	11,752
15M	4
10M	0

Mode	QSOs
CW	13,702
Phone	18,410
RTTY	32

County	QSOs
Clay	0
Norman	0
Wadena	1
Grant	9
Chippewa	9
Big Stone	9

County	QSOs
Hennepin	1,994
Winona	1,338
Ramsey	1,302
Anoka	1,238
Olmstead	1,082
Washington	1,001

Winona Amateur Radio Club Multi-Op – WØNE

Editor – The Winona Amateur Radio Club - WØNE was featured in the MNQP results from 2014. This year highlights some new faces, and even one participant who received a license as MNQP was happening. Article shared by Mike -WØVTT, and his XYL Susan.

This was the first time I operated MNQP, and the first time I hosted a multi-op event so I didn't really know what I was doing or what to expect. Setting up took a lot longer than expected, but fortunately it was finished in time. Looking back, I wasted a lot of time fussing over things that didn't matter, and overlooked a few things that did matter. Being the geek that I am, I took copious notes and (hopefully) will not make these mistakes next time. Susan says I'm OCD. I will admit to being obsessive and maybe a little compulsive, but fail to see why it's a disorder.

My Saturday morning started before 6:00 AM: Coffee pot on; radios on; computers on; logging program and mobile activity map loaded; computers networked; everything tested one last time. So

far, so good. Marv AC9TO (who lives the farthest away) was the first to arrive. A quick 75m QSO with KIØF in Wabasha confirmed that Marv's headset was properly adjusted and we had good audio. It was almost time to start, so we chatted with Roger for a bit and he was our first MNQP QSO, right at 1400z. Marv was up and running on 75 phone. I hadn't expected to do much operating, but nobody else was here so I sat down at the other station and ran 40 CW for a while. Once people started wandering in a bit later, I headed to the

kitchen to make more coffee, start on lunch, and give the others a chance to operate. Both stations were active all morning.

While we were busy making QSOs (and chili), the Rickert family was busy at the VE session in La Crosse. Iliana passed her Tech exam, Augustine KEØMDV passed his General, and Luke KEØMDW passed his extra. I wonder if dad (Kevin, KEØMDX) burst any buttons on his jacket that morning?

The Rickert clan, along with James KEØYMA,

showed up shortly after lunch time. We explained to them what was going on, let them listen in for a while, then sat them down to operate. As you might expect, they were quite tentative at first and needed a lot of coaching. They caught on very quickly, needing less and less instruction, and in short order, they were off and running on their own. Between the four of them, they made 122 QSOs; a significant contribution to the club score.

Continued next page...

(L-R) KEØMDV, KEØMDW, KEØZFU, KEØYMA



Winona Amateur Radio Clubcont

Our operation certainly wasn't flawless, but went pretty well overall. Once again, we learned that computers and radios REALLY do not like having cables, especially USB cables, unplugged and re-plugged while they are running. Fortunately, no real damage was done, but we lost a handful of QSOs because of the time spent rebooting, reloading,

and re-configuring things. There were no antenna system failures, and the band-pass filters did a very good job of minimizing inter-station interference

After the contest finished at 0000z (6:00 PM for you local types), AC9TO, KDØYOB, and I headed to the Good Sport Bar & Grill in St Charles for a celebratory dinner with

some cold 807s. We were joined there by KØBBC (our ARRL Division Director) and WØZF, who operated the contest mobile, driving through several different counties.

Once again, thanks to all who contributed during the day. It was great fun!

Operators: AC9TO,
KEØZFU, KDØYOB,
KEØMDV, KEØMDW,
KEØMDX, KEØYMA,
WØIH, WØVTT
Moral Support Crew:
KØNY, K2OPT, WØMK,
WKØW

(L-R) KDØYOB, KEØMDW, KEØYMA, KEØMDX, AC9TO, KEØMDW, KEØZFU



MNQP Perspective: Rusty Epps – W6OAT

Editor: Rusty Epps – W6OAT is no stranger to QSO Party events, contesting, etc. Read the full bio on the next page.

Well what a blast the 2020 MNQP turned out to be!

At the outset, I had no intention of putting in a big effort. Rather, I just hoped to pick up a few of the 26 MN counties I still needed for the USA-CA award. I didn't even get around to checking out the website until a couple of days before the party and that's when I realized that this was going to be a serious event. I was amazed by the number of stations who said they planned to be active, and particularly by the number of mobiles who listed their planned routes. A couple of the mobiles said they were starting the QP in counties I needed, so I hauled myself out of bed early Saturday morning to ensure I could be there for the starting gun. (14:00Z is 06:00 a.m. local time here in Washington and I usually try to sleep in on weekend mornings.) It definitely was worth getting up early though. In the first ten minutes, I had already logged three of the counties I needed. Before the party was over, I had worked 22 of them. I know three of the remaining four counties were on, but I was just out of sync with the mobiles driving through them. At least I'll have something to aim for in the 2021 MNQP! And

my sincere thanks to the stations who gave me the 22 new ones and who already have sent QSLs confirming every one of them. By the way, the four counties I still need are Big Stone, Grant, Norman and Swift. Over the years, I've participated in many state and regional QSO parties. The MNQP ranks right up there in the top tier of them. Some of the things which I think you guys are doing right, and for which you are to be congratulated, are having

lots of stations active on both PH and CW, having many mobiles which constantly are changing counties ensuring there is always somebody new to work, and posting the routes of those mobiles on your web site so we can track them. It also really helps that your web site lists the names of all the counties and their QP abbreviations, along with a county outline map so we outsiders can instantly see where counties are in relationship to each other

and thus more accurately figure out how long it's likely to be before a mobile shows up from the next county. But best of all, you guys make real the possibility of working all 87 MN counties in a single day, and that's the hook that keeps me in my chair full time! I can hardly wait until next year.

73 – Rusty, W6OAT

Rusty – W6OAT & 2nd Op Bosco



Profile: W6OAT

Charles K. "Rusty" Epps grew up in Columbus, Georgia and, at age 14, was first licensed as KN4BVD in 1958. He obtained his General Class license the following year and became an Amateur Extra Class in 1967. He moved to California full time in 1968 and became W6OAT in 1974. In 2018, he moved to Washington state and now operates from there. Rusty has always considered himself to be both a DXer and a contester. He created the Georgia QSO Party and did all the initial log checking while still in high school. After moving to California, he became a founding member of the Northern California Contest Club and has served variously as its President, Secretary and as a Director. NCCC has named him its "Contester

of the Year". Rusty was the primary instigator persuading NCCC to assume administration of the very popular California QSO Party and personally performed all the log checking in the early years of CQP. He was a co-creator of the North American Sprint contest and also served as administrator of that contest for fourteen years. Rusty drafted the rules for the first World Radiosport Team Championship (WRTC) held in Seattle in 1990 and was Chief Judge for that competition. He has been involved with every subsequent WRTC and serves on the committee which sanctions future WRTC events. On the DX side, Rusty joined the Northern California DX Club in 1968 and has served as both the President and as a Director of NCDXC. He

authored the NCDXC's petition which added North Korea as a new entity to the DXCC list, and has been honored by being named NCDXC's "DXer of the Year". Rusty's first DXpedition was in 1974 when he and three other NCDXC members were selected to operate from Palmyra Island and then proceed to Kingman Reef where he made the first-ever QSO from that new DXCC entity. Additionally, Rusty has helped organize and participated in major DXpeditions to Nepal, Clipperton Island, and Syria.

Rusty joined the Northern California DX Foundation's Board of Directors in 1975 and served his first term as President in the late 1980s. He has been the Section Communications Manager for the ARRL's San Francisco Section, an Assistant Director in the

Pacific Division, a Sixth District QSL Bureau card sorter, and an ARRL Volunteer Counsel. Rusty holds DXCC (374 entities confirmed), #1 DXCC Honor Roll, 5B-DXCC, 5B-WAS, 5B-WAZ, and is a member of the CQ DX Field Award Honor Roll. He was one of only two individuals who successfully earned the ARRL's 40 w.p.m. code proficiency certificate the first time that speed ever was transmitted from W1AW. Rusty presently is a Director and Treasurer of the Yasme Foundation, and he has served on the CQ Contest Committee and is a QSL card checker for all the CQ Awards. He was inducted into the CQ DX Hall of Fame in May, 1966 and into the CQ Contest Hall of Fame in April, 2005.

Profile - Mark Wilson - K1RO

Over the last several years, I've entered a number of state QSO parties and come to enjoy them a lot. Minnesota Wireless Association and the Minnesota ops put on a first-class event, one of my favorites. The MNQP combines many of my favorite elements: multiple mobile or rover stations to chase, great participation from home stations, great operators, great support resources (routes, schedules, maps etc), and lots of action on both SSB and CW. I really like the MNQP timeframe — 10 hours on Saturday — because it concentrates activity and doesn't kill the whole weekend. During the winter my wife and I enjoy snowmobiling on the weekends and make it a priority to do a long ride on Saturday if conditions are

good, which can cut into time available for ham radio. As was the case the past few years, this year we didn't get rideable snow until late February and so I was able to devote most of Saturday to the MNQP.

I'm fortunate that from my location in western New Hampshire, there is always at least one band open to Minnesota with good signals and often two bands are good. This year I was able to work a few MN stations on 80 meters at the start and 40 meters was good all day. Unlike previous years, 20 meters opened late and closed early, with lots of fading and weak signals, and so I missed the mobiles at a number of their counties. 80 meters was great the last hour.

My station consists of a pair of Kenwood TS-590s



*K1RO antennas (above)
Mark in the shack (below)*

with amplifiers. I'm usually monitoring two bands at once, waiting for mobiles to change counties and looking for new stations to work. For antennas, I have inverted Vs at 30 to 40 feet for the low bands and a multiband Force 12 XR6 (2

elements per band, 20 through 6 meters) on a 25 foot utility pole. I am in a quiet rural location and hear very well, and entering High Power helps the mobiles hear me when signals are at the noise level.

The past few years I've received one of the bags of Minnesota wild rice, and I'm reminded of the contest each time we enjoy a pot of chicken and wild rice soup. I'm still hoping to sweep all MN counties during an MNQP after missing only one last year. It will take the right combination of activity and propagation ... it's good to have a goal. Thanks to MWA and everyone who works on the MNQP for a wonderful event!

Mark Wilson, K1RO



MNQP Multi-Op – ACØDH & KEØEHW

Editor: - If you like snow, then you would like the view out the window at the ACØDH multi-op station. This is the second year that ACØDH and KEØEHW teamed up for a MNQP effort.

Jeff ACØDH and I (Matt) KEØEHW have participated in the MN QSO Party from Cook County for the past two years. There are no cell phone towers on the Gunflint Trail, so our ham radio was the only means of contact with the world while in our ham shack.

In 2015, I tested for my technician and then my general license, but by January 2019, I hadn't yet sat down to make a QSO.

Jeff, ACØDH suggested that we participate in the 2019 MN QSO Party. He said that if we setup at the cabin, we would be the only ones in Cook County and he thought that nobody participated from Cook County in 2018. We setup his radio with a homebrew 20m/40m fan dipole erected in -25 degree temperatures. We had a weak WiFi signal that would sometimes come and go enough to maybe lookup a contact on QRZ.com. Jeff worked the radio and I logged the QSO's. We had a great day and logged about 4,000 points. All our QSOs were outside of Minnesota for 2019.

For 2020, we planned some changes. We needed to reach into Minnesota for the county multipliers. Jeff thought 80M would do the trick. I planned to work digital and he would work phone. I ran an Ethernet line from the neighboring building so we had reliable internet, and networked our computers for logging. We erected and tested an Off-Center-Fed 80M antenna that we ran along the lakeshore, while keeping the 20m/40m fan dipole. I purchased and setup desks for us along with a new Icom 7610 for myself.

I took the week of the contest off work and Jeff

and I operated a checkpoint for the Beargrease Dogsled Race early in the week. The rest of the week, we worked on practicing propagation and setup of our stations-desks-etc.

While doing this, we never thought to work both stations at the same time! The day of the contest, Jeff would broadcast and my digital waterfall would disappear. When I broadcast, his reception would die and his computer would restart! We fed both antenna wires out a door and partially closed it to stay warm. We don't know why they would be interfering with each other. Maybe poor grounding? We have more work for next year.

Overall, we logged more contacts and tallied about 15,000 points with the two of us working our stations. We hope to make more progress next year!

– Matt KEØEHW

(ACØDH (left) and KEØEHW (right) at the northern MN cabin.



KØLD/m – On again / Off again....

This year's mobile effort was going to have to be a solo operating event for me, so the first task was to take my operating desk to the table saw, and make it fit the front passenger seat instead of the rear seat as previous years. I spoke with John – NØIJ, who was disappointed that he would not be doing a mobile effort this year, so I decided to use the name "John", so he would at least be riding along in spirit. A route was planned, the antennas installed and tuned, and two 15 minute trial runs

were performed prior to the QSO Party. Doing just fifteen minute tests turned out to be a crucial mistake, if you read on. I had a motel room booked in Moorhead, Minnesota for the night before MNQP, and then a family emergency came up. After getting the logistics of that worked out, it was decided I could do a somewhat abbreviated mobile effort closer to home. I arose very early Saturday morning and drove about an hour to my starting point, and began the contest. Everything was

working as planned until 23 minutes into the contest, the laptop shut down, and it would not power back up. An hour drive back home, and I discovered the DC/AC power adapter had failed! I decided to fully charge the laptop, and return to the road and get perhaps 2-3 hours of mobile effort, but once again after 23 minutes, the laptop battery died. At this point stubbornness kicked in, and I decided to operate from the home station until the laptop charged, and then get one last 23

minute operation from the adjacent county. Oddly, the Monday after MNQP, an icon appeared on the laptop suggesting I change the battery! The icing on the cake was returning home from the family event, I had a large chunk of sheet ice come off a semi-trailer and hit directly on the antennas. (See below)

YES I am working on getting ready for WIQP next!
Mark – WAØMHJ

Before



After





2020 MINNESOTA QSO PARTY - RESULTS

MINNESOTA STATIONS

Mobile

<u>Call</u>	<u>Category</u>	<u>State</u>	<u>County</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
N0HJZ *	MOBILE	MN	28	49	967	74	150368	Henderson Radio Club	
N0EO	MOBILE	MN	15	563	0	60	67560	Spirit Valley Amateur Assn	AA0AW
NU0Q	MOBILE	MN	10	345	30	63	47250		
K0PC	MOBILE	MN	22	294	0	47	27636		K0PC, KB0EO
W9FZ	MOBILE	MN	6	0	238	49	23324	Northern Lights Radio Society	W9FZ, KA9VVQ
K0BBC	MOBILE	MN	11	0	199	49	19502		K0BBC, W0ZF
K0SIX	MOBILE	MN	3	0	130	38	9880		
K0LD	MOBILE	MN	4	48	0	26	2496	TCDXA	WA0MHJ

Rover

<u>Call</u>	<u>Category</u>	<u>State</u>	<u>County</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
W0ZQ *	ROVER	MN	10	601	62	76	100776	Northern Lights Radio Society	
K0ARF	ROVER	MN	2	0	219	75	32850	SCARC	K0SV
KE0TT	ROVER	MN	2	119	0	55	13090		
W0IS	ROVER	MN	2	7	0	6	84		

QRP

<u>Call</u>	<u>Category</u>	<u>State</u>	<u>County</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
WA0MN *	QRP	MN	STE	231	104	93	62310		N0UR
W0UFO	QRP	MN	RAM	44	0	22	1936		
AC0AF	QRP	MN	STL	0	13	12	312		
N0SUW	QRP	MN	HEN	0	1	1	2	Northern Lights Radio Society	

Multi-OP

<u>Call</u>	<u>Category</u>	<u>State</u>	<u>County</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
W0NE *	MULTI	MN	WIN	215	495	89	126380	Winona Amateur Radio Club	KE0ZFU, KD0YOB, AC9TO, W0IH, KD0YOB, KE0YMA, KE0MDW, KE0MDV, W0VTT
KC0LDH	MULTI	MN	SHE	276	177	91	82446		KC0LDH, K0UU
K0MKL	MULTI	MN	KIT	194	103	78	46332		K0MKL, K0JP
ND0C	MULTI	MN	NOB	14	144	72	22752		ND0C, KE0WPA
AC0DH	MULTI	MN	COO	34	91	60	15000	(.....note 32 digital Q's)	AC0DH, KE0EHW
W0EFJ *	MULTI	MN	WSC	17	109	30	7560	Viking Amateur Radio Club	ARES- WA0JGT, K10KE, N0TJM, KD0QS, KD0V
WK0X	MULTI	MN	DAK	0	100	37	7400		
AA0RW	MULTI	MN	GOO	0	72	48	6912	Hiawatha Valley Amateur Radio Club	AA0RW
N0EOC	MULTI	MN	STL	0	34	26	1768	Spirit Valley Amateur Assn	ARES - KC0NFB
K0YD	MULTI	MN	HEN	2	12	11	308	Minnetonka MN Radio Club	KC0ITP, AJ0O

Single OP - Low Power

<u>Call</u>	<u>Category</u>	<u>State</u>	<u>County</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
AC0W *	SOLP	MN	MOW	342	392	95	139460		
W0PI	SOLP	MN	BEC	236	431	96	128064	Detroit Lakes ARC	
K0FVF	SOLP	MN	WSH	237	370	98	118972	F.O.R.C.E	K0TI
NG0E	SOLP	MN	COT	9	599	95	115520		
K10F	SOLP	MN	WAB	219	309	97	102432		
K0AD	SOLP	MN	HEN	218	270	89	86864		
K0EA	SOLP	MN	HEN	177	219	83	65736		
N0BUI	SOLP	MN	WIN	240	90	99	65340		
N0OK	SOLP	MN	MIL	1	363	85	61880		
AE0EE	SOLP	MN	LES	242	52	83	48804	Bloomington Amateur Radio Assn	
WA0MHJ	SOLP	MN	ANO	177	138	77	48510	TCDXA	
K0TG	SOLP	MN	RAM	277	0	73	40442	F.O.R.C.E	
WA0LJM	SOLP	MN	CLE	9	233	74	35816	Detroit Lakes ARC	
KA0CSW	SOLP	MN	MEE	184	59	72	34992	Meeker ARC	
W0LS	SOLP	MN	ISA	112	113	75	33750	TCDXA	
K0MPH	SOLP	MN	STR	228	21	65	32370		
NY0V	SOLP	MN	FIL	105	145	64	32000		

Single OP - Low Power (cont.)

<u>Call</u>	<u>Category</u>	<u>State</u>	<u>County</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
K0MD	SOLP	MN	OLM	156	114	58	31320		
WB0N	SOLP	MN	HEN	110	127	66	31284	TCDXA	
K0TC	SOLP	MN	RAM	236	0	65	30680		
N0ECK	SOLP	MN	MUR	137	53	71	26980		
A0Y	SOLP	MN	HEN	194	0	62	24056		
N0AT	SOLP	MN	HEN	180	0	62	22320		
KB0R	SOLP	MN	DAK	175	0	62	21700		
KM0O	SOLP	MN	RAM	185	0	57	21090		
KX0A	SOLP	MN	WSH	107	26	56	14896		K9DU
KC0INP	SOLP	MN	RAM	144	5	43	12814		
N0BM	SOLP	MN	WSH	100	0	55	11000		
W0M	SOLP	MN	RAM	107	1	49	10584		WA0LIF
K0RC	SOLP	MN	CHS	82	13	52	9880		
KA8HDE	SOLP	MN	ANO	29	58	52	9048	MN Amateur Radio Technical Society	
WA0RBW	SOLP	MN	HEN	80	7	48	8352		
KB0NES	SOLP	MN	DAK	16	72	42	7392		
WB0U	SOLP	MN	OLM	78	0	39	6084		
K0VG	SOLP	MN	BEC	24	39	43	5418	Northern Lights Radio Society	
WB0CFF	SOLP	MN	SCO	75	0	36	5400	SMARTS	
WA0KNP	SOLP	MN	LAC	27	35	42	5208	West Central MN ARC	
KC0RET	SOLP	MN	HEN	64	6	35	4900		
K0JJR	SOLP	MN	STL	9	41	38	3800		
K1KD	SOLP	MN	OLM	57	2	31	3658		
WD0K	SOLP	MN	RAM	20	29	30	2940		
K0LAR	SOLP	MN	CRV	44	0	29	2552		
W6GMT	SOLP	MN	ITA	19	0	17	646		
NU0W	SOLP	MN	STL	8	9	14	476		
K0GMK	SOLP	MN	OLM	2	7	8	144		
K0JP	SOLP	MN	KIT	5	1	4	48		

Single OP - PHONE ONLY

<u>Call</u>	<u>Category</u>	<u>State</u>	<u>County</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
NØXT *	SOPH	MN	ANO	0	612	93	113832		
KØYR	SOPH	MN	PIN	0	630	90	113400	Mora Open Repeater Association	
AIØM	SOPH	MN	OLM	0	403	97	78182		
KCØMKS	SOPH	MN	LAK	0	377	91	68614	Northern MN DX Assn	
NIØK	SOPH	MN	BEL	0	319	80	51040		
KØON	SOPH	MN	MEE	0	313	77	48202		
KØAPR	SOPH	MN	LYO	0	373	61	45506	Unreal Radio Club	
KEØRR	SOPH	MN	POL	0	279	81	45198		NRØT
NØWE	SOPH	MN	WIN	0	269	84	45192		
KDØB	SOPH	MN	HEN	0	248	88	43648	Eden Prairie Radio Club	
NØVRM	SOPH	MN	STL	0	365	48	35040	Spirit Valley Amateur Assn	
ADØDB	SOPH	MN	SCO	0	157	72	22608	SMARTS	
KFØQ	SOPH	MN	RAM	0	150	71	21300	Northern Lights Radio Society	
KØDSL	SOPH	MN	STL	0	129	61	15738		
KGØDX	SOPH	MN	STR	0	124	62	15376	Runestone ARC	
NØHDR	SOPH	MN	ANO	0	115	63	14490		
KØMJS	SOPH	MN	SHE	0	97	55	10670		
WBØKUG	SOPH	MN	DOU	0	91	54	9828	Runestone ARC	
WØSHL	SOPH	MN	OLM	0	94	50	9400		
N9CD	SOPH	MN	HOU	0	118	35	8260		
KØB	SOPH	MN	OLM	0	73	44	6424		WBØDYZ
KØRJW	SOPH	MN	WSH	0	68	46	6256		
AFØY	SOPH	MN	RIC	0	64	42	5376		
WAØEBZ	SOPH	MN	TOD	0	55	37	4070	Runestone ARC	
NYØA	SOPH	MN	MEE	0	52	36	3744		
KD8HAM	SOPH	MN	BEC	0	54	30	3240	Detroit Lakes ARC	
WØNFE	SOPH	MN	SCO	0	43	32	2752		
KCØFOT	SOPH	MN	JAC	0	38	30	2280		
KAØPQW	SOPH	MN	STE	0	38	28	2128		
NØTMU	SOPH	MN	DAK	0	36	27	1944		
KEØVNY	SOPH	MN	RAM	0	42	22	1848		
WØBM	SOPH	MN	DOD	0	38	24	1824		
WXØZ	SOPH	MN	RAM	0	29	26	1508		
KEØOR	SOPH	MN	HEN	0	36	19	1368		
KEØTQI	SOPH	MN	CRV	0	22	15	660		
KØTLG	SOPH	MN	HEN	0	12	12	288		
KCØWDQ	SOPH	MN	STL	0	10	9	180	Spirit Valley Amateur Assn	
NØKEN	SOPH	MN	CRO	0	5	5	50		
KDØYOZ	SOPH	MN	OLM	0	4	4	32		

WVE STATIONS

Single OP - Low Power

<u>Call</u>	<u>Category</u>	<u>St./Prv</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
N8II *	SOLP	WV	119	84	62	25172	Potomac Valley Radio Club	
N2CU **	SOLP	NY	117	45	60	19440	Niagara Frontier Radiosport	
NY4N **	SOLP	TN	100	25	63	15750	Tennessee Contest Group	
WB8WKQ **	SOLP	MI	82	60	52	14768	Mad River Radio Club	
WO9B *	SOLP	WI	79	23	52	10608	West Allis RAC	
W8TM *	SOLP	OH	68	40	45	9720	Mad River Radio Club	
WB9HFK *	SOLP	IL	83	28	43	9546	Society Of Midw est Contesters	
W8PI	SOLP	MI	76	25	46	9292		
K9CW	SOLP	IL	97	0	45	8730	Society Of Midw est Contesters	
KB9S	SOLP	WI	48	44	47	8648	Eau Claire ARC	
K8KZB	SOLP	MI	68	10	53	8268		
AF8A	SOLP	OH	94	0	41	7708	Mad River Radio Club	
N0BK *	SOLP	AZ	52	29	42	6804		
N1IX	SOLP	NH	84	0	40	6720	Yankee Clipper Contest Club	
K0HNC *	SOLP	KS	51	19	47	6580		
N5DO	SOLP	TX	70	0	38	5320	Central Texas DX and Contest Club	
W0OR	SOLP	AZ	54	11	39	5070		
VE5KS *	SOLP	SK	46	16	38	4712	Saskatchewan Contest Club	
W6RLL	SOLP	AZ	70	0	33	4620	A OCC	
W7TR	SOLP	CA	31	27	39	4524	Northern California Contest Club	KH2TJ
KN4Y *	SOLP	FL	59	0	37	4366	Florida Contest Group	
K2AL *	SOLP	NJ	34	31	33	4290	New Providence ARC	
W8BZY	SOLP	OH	59	0	34	4012		
N7KRN	SOLP	WA	5	46	39	3978	Stanw ood Camano Amateur Radio Club	
KV8Q	SOLP	OH	60	0	33	3960		
KK4WX *	SOLP	GA	25	33	34	3944		
NS2N	SOLP	NY	40	21	29	3538	Niagara Frontier Radiosport	
W5VS *	SOLP	VA	42	11	33	3498		
N9NM	SOLP	TX	55	0	30	3300	Central Texas DX and Contest Club	
AC3BU *	SOLP	MD	61	0	26	3172	Potomac Valley Radio Club	
K9WX *	SOLP	IN	45	10	26	2860	Society Of Midw est Contesters	
AB7RW	SOLP	WA	40	0	34	2720		
W3WHK	SOLP	PA	41	10	26	2652	Frankford Radio Club	
AE9LL	SOLP	IN	29	23	24	2496	Hoosier DX and Contest Club	
N4IY	SOLP	IN	25	23	26	2496		
N3CKI	SOLP	NC	15	31	27	2484		
AA4TI	SOLP	FL	11	30	30	2460	Florida Contest Group	

Single OP - Low Power (cont.)

<u>Call</u>	<u>Category</u>	<u>St./Prv</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
KM4FO *	SOLP	KY	50	0	23	2300	Kentucky Contest Group	
KB1ODO *	SOLP	VT	12	35	24	2256		
W0YJT	SOLP	KS	14	29	26	2236		
KS5N	SOLP	TX	38	0	26	1976		
N8VV	SOLP	OH	31	9	23	1840	Mad River Radio Club	
K4VBM	SOLP	GA	17	22	23	1794	Georgia Contest Group	
WA9LEY	SOLP	IL	32	3	24	1680	Metro DX Club	
W9QL	SOLP	IL	8	24	25	1600	Society Of Midw est Contesters	
W1END	SOLP	NH	31	0	24	1488	Yankee Clipper Contest Club	
KR2AA	SOLP	NY	32	0	23	1472		
N4ARO	SOLP	TN	28	4	22	1408	Tennessee Contest Group	
W2DXE	SOLP	NY	34	0	20	1360	Niagara Frontier Radiosport	
K1DJ	SOLP	MA	18	12	22	1320	Yankee Clipper Contest Club	
KJ4IWZ	SOLP	TN	24	4	23	1288		
WD4OIN	SOLP	NC	25	3	21	1176		
VE3CWU	SOLP	ON	21	11	18	1152	Contest Club Ontario	
KC2WUF	SOLP	NJ	14	10	20	960	New Providence ARC	
W3TAS *	SOLP	DE	27	0	17	918	Potomac Valley Radio Club	
K4BSK	SOLP	NC	25	0	18	900		
W4AAZ	SOLP	FL	3	19	20	880	Oklaloosa ARC	
NY9P	SOLP	IL	23	0	19	874		
AE5X	SOLP	TX	22	0	19	836		
W4XK	SOLP	TN	26	0	16	832	Tennessee Contest Group	
K1VUT	SOLP	MA	25	0	15	750	Yankee Clipper Contest Club	
K8MR	SOLP	FL	10	12	17	748	Florida Contest Group	
N7JPF	SOLP	OR	16	3	18	684	GorgeEastAmateurRadio (GEAR)	
K8AJS	SOLP	OH	20	0	16	640	Mad River Radio Club	
K9BTQ	SOLP	WI	18	3	15	630	West Allis RAC	
K5O	SOLP	OK	20	0	14	560		K8FU
W5QLF	SOLP	TX	19	0	14	532	South Texas DX and Contest Club	
K2MK	SOLP	FL	18	0	14	504		
KB4DE	SOLP	SC	19	0	13	494		
NW0M	SOLP	MO	17	0	14	476	Kansas City Contest Club	
N8VWY	SOLP	OH	7	11	12	432		
K0AP	SOLP	KS	16	0	13	416	Kansas City Contest Club	
WA2JQK	SOLP	NY	7	11	11	396	Huson Valley Contesters and Dxers	
KC9UL	SOLP	IL	4	12	12	384	Society Of Midw est Contesters	
W6NKR	SOLP	CA	14	0	12	336		

Single OP - Low Power (cont.)

<u>Call</u>	<u>Category</u>	<u>St./Prv</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
KX1W	SOLP	NY	4	9	12	312	Yankee Clipper Contest Club	
VA3TTB	SOLP	ON	4	9	12	312		
K3ZGA	SOLP	FL	13	0	10	260	The Villages Amateur Radio Club	
K9IA	SOLP	FL	13	0	10	260	The Villages Amateur Radio Club	
W5LA *	SOLP	LA	12	0	10	240	Louisiana Contest Club	
K7DBN *	SOLP	UT	2	11	9	234		
KN4JN	SOLP	FL	11	0	10	220		
W8AKS	SOLP	WV	12	0	9	216	Potomac Valley Radio Club	
K4YDE	SOLP	FL	0	10	10	200		
K3MAW	SOLP	MD	4	7	9	198	Potomac Valley Radio Club	
N8NA	SOLP	DE	10	0	9	180	Frankford Radio Club	
AG1A	SOLP	MA	8	2	9	180		
VE3FP	SOLP	ON	10	0	9	180		
KC5LL	SOLP	TX	5	5	9	180		
K9CPO	SOLP	WI	10	0	9	180		
K0VBU	SOLP	KS	10	0	8	160	Kansas City Contest Club	
W2CVW	SOLP	NJ	9	0	8	144		
VE3WG	SOLP	ON	5	4	8	144	Contest Club Ontario	
W7GF	SOLP	OR	9	0	8	144		
N4CAP	SOLP	NC	10	0	7	140		
WM5H	SOLP	LA	6	2	8	128	Louisiana Contest Club	
KF3G	SOLP	PA	8	0	8	128		
K4BBH	SOLP	GA	0	9	7	126	Silver Comet Amateur Radio Society	
W10WA	SOLP	IA	8	0	7	112	low a DX and Contest Club	N0AC
AA8TA	SOLP	OH	8	0	7	112		
W5HP	SOLP	TX	8	0	7	112		
W4NBS *	SOLP	AL	9	0	6	108	Alabama Contest Group	
K3SV	SOLP	FL	5	2	7	98	Florida Contest Group	
WA5DSS	SOLP	TX	2	5	7	98		
W8KNO	SOLP	OH	0	8	6	96	Mad River Radio Club	
K5IX	SOLP	TX	7	1	6	96	Central Texas DX and Contest Club	
W4ZPR	SOLP	VA	8	0	6	96	USS Wisconsin Radio Club	
K4DXV	SOLP	TN	2	5	6	84	Tennessee Contest Group	
AE6PL	SOLP	CA	3	3	6	72		
VE9KK	SOLP	NB	6	0	6	72	Contest Club Ontario	
W2QL	SOLP	VA	6	0	6	72		
WA8ZBT	SOLP	TX	6	0	5	60	DFW Contest Group	
VE3EXW	SOLP	ON	0	5	5	50	OARC	
KT7G	SOLP	WA	7	0	3	42	Vancouver Contest Club	
AA0YY	SOLP	MO	5	0	4	40		
KB3PQT	SOLP	PA	1	3	4	32		
WA2JQZ	SOLP	CO	3	0	3	18		
W6WG	SOLP	CA	2	0	2	8		
N4DLR	SOLP	OH	1	0	1	2		

Single OP - QRP

<u>Call</u>	<u>Category</u>	<u>St./Prv</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
N1AIA *	QRP	ME	40	0	24	1920		
K8ZT	QRP	OH	19	10	21	1218	North Coast Contesters	
KY0Q	QRP	IL	24	0	18	864		
VE7NI	QRP	BC	24	0	16	768		
KB9DKR	QRP	TN	12	10	15	660	Tennessee Contest Group	
N8OCJ	QRP	OH	0	16	14	448		
WA4ZOF	QRP	GA	9	0	8	144	SECC	
VE7KPM	QRP	BC	0	7	7	98	Orca DX and Contest Club	
W9BLP	QRP	IA	0	7	6	84		
WC8C	QRP	MI	0	5	5	50		
W4QO	QRP	GA	4	0	4	32	South East Contest Club	
KD3VN	QRP	PA	0	4	3	24	Mifflin County Contesters	
KI4MZC	QRP	GA	2	0	2	8	South East Contest Club	

Single OP - Phone Only

<u>Call</u>	<u>Category</u>	<u>St./Prv</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
W1KDA **	SOPH	RI	0	140	53	14840		
WB0TEV **	SOPH	TX	0	128	47	12032	DFW Contest Group	
K0HW *	SOPH	SD	0	100	48	9600		
W4BBT *	SOPH	NC	0	83	43	7138	Potomac Valley Radio Club	
W2JV	SOPH	NY	0	92	36	6624	Yankee Clipper Contest Club	
K0OP *	SOPH	ND	0	67	42	5628		
KE0ITC *	SOPH	IA	0	61	38	4636		
K3DNE	SOPH	SC	0	62	34	4216	Sw amp Fox Contest Group	
WA1SAY *	SOPH	CT	0	46	37	3404		
K2RYD	SOPH	NY	0	46	34	3128	Great South Bay Amateur Radio Club	
AJ4LN	SOPH	VA	0	51	30	3060	Sterling Park ARC	
W3LL	SOPH	MD	0	47	31	2914	Potomac Valley Radio Club	
K4SBZ	SOPH	FL	0	49	29	2842	Florida Contest Group	
W3JL	SOPH	PA	0	44	30	2640		
VA7ODX *	SOPH	BC	0	44	28	2464	Orca DX and Contest Club	
K6TQ	SOPH	CA	0	35	30	2100	Northern California Contest Club	
WA1VKO	SOPH	NH	0	36	26	1872	Contoocook Valley Radio Club	
W1ABK	SOPH	ME	0	35	26	1820		
VE3HED *	SOPH	ON	0	37	24	1776		
VE9RLW *	SOPH	NB	0	34	26	1768		
WZ6ZZ	SOPH	CA	0	29	29	1682		
W4CHI	SOPH	NC	0	30	28	1680	Randolph County	
KG9JP	SOPH	WI	0	34	23	1564	Fox Cities ARC	
KC9JML	SOPH	IN	0	31	25	1550		

Single OP - Phone(cont....)

<u>Call</u>	<u>Category</u>	<u>St./Prv</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
KA4FVE	SOPH	SC	0	30	24	1440		
KJ9B	SOPH	IN	0	33	21	1386	Society Of Midwest Contesters	
N7MZW *	SOPH	WY	0	29	23	1334	Grand Mesa Contestors	
W4MF	SOPH	TN	0	29	23	1334		
K3GWK	SOPH	GA	0	30	22	1320	SECC	
K4SHW	SOPH	GA	0	33	20	1320	Silver Comet Amateur Radio Society	
K3EDM	SOPH	PA	0	29	21	1218		
N7AME	SOPH	WA	0	25	24	1200		
WT8WV	SOPH	WV	0	27	21	1134		
W4KW	SOPH	TN	0	27	21	1134	Tennessee Contest Group	
N1XL	SOPH	NC	0	25	22	1100		
KE8JIT	SOPH	WV	0	26	21	1092		
KC3JAS	SOPH	PA	0	26	20	1040		
AB1EP	SOPH	ME	0	25	20	1000		
AI4DB	SOPH	TN	0	26	19	988	Tennessee Contest Group	
KN4JTU	SOPH	SC	0	23	19	874		
N9MS	SOPH	AZ	0	20	20	800		
KE8FT	SOPH	CA	0	21	19	798	Northern California Contest Club	
KM4IAJ	SOPH	VA	0	22	17	748		
WA5SWN	SOPH	KS	0	21	17	714		
W4PBW	SOPH	KY	0	21	17	714		
AE0TT *	SOPH	MO	0	19	18	684	Mississippi Valley DX/Contest Club	
K7VAP	SOPH	WA	0	19	18	684	Western Washington DX Club	
KF5MU	SOPH	KY	0	22	15	660		
K2AVI	SOPH	WA	0	19	17	646		
W5TCB *	SOPH	AR	0	20	16	640		
KK4ADQ	SOPH	VA	0	21	15	630		
WU3U	SOPH	PA	0	21	15	630		
WA4JA	SOPH	TN	0	18	14	504	Tennessee Contest Group	
N1AM	SOPH	MA	0	16	15	480		
WW1M	SOPH	ME	0	16	15	480	Yankee Clipper Contest Club	
N7RMZ	SOPH	WA	0	17	14	476		
KB0UPC	SOPH	MI	0	16	14	448		
N4LZ	SOPH	FL	0	15	14	420	Florida Contest Group	
KC1IEB	SOPH	MA	0	14	14	392		
K7QDX	SOPH	CA	0	15	13	390	Mother Lode DX/Contest Club	
N1FR	SOPH	ME	0	15	13	390		
NY0MN	SOPH	AZ	0	14	13	364		
KM4TVU	SOPH	VA	0	14	13	364		
N8OZY	SOPH	WV	0	15	12	360		
K1MTD	SOPH	CT	0	13	13	338	Hop River Radio Club	
AA1SU	SOPH	VT	0	13	13	338	Radio Amateurs of Northern Vermont	

Single OP - Phone(cont....)

<u>Call</u>	<u>Category</u>	<u>St./Prv</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
W1ZFG	SOPH	CT	0	13	12	312		
KG4KOW	SOPH	SC	0	14	11	308		
K1DVL	SOPH	CT	0	12	12	288		
AC4G	SOPH	TN	0	12	12	288	Tennessee Contest Group	
NN9C	SOPH	WI	0	12	12	288		
W9LSE	SOPH	WI	0	12	11	264	Driftless Zone Contesters	
N5MKY	SOPH	MI	0	13	10	260		
K6BBQ	SOPH	CA	0	11	11	242		
KD2MNU	SOPH	NY	0	11	11	242		
KE7ZAC	SOPH	WA	0	11	11	242	Clark County Amateur Radio Club	
KM4VTE	SOPH	GA	0	12	10	240	Silver Comet Amateur Radio Society	
W1AKI	SOPH	NH	0	11	10	220		
W2XT	SOPH	NJ	0	10	10	200		
VA2RIO *	SOPH	QC	0	10	10	200		
N9GH	SOPH	WI	0	10	10	200		
K8YLK/AE	SOPH	OH	0	11	9	198		
KD4QMY	SOPH	GA	0	9	9	162	South East Contest Club	
K2KR	SOPH	CO	0	9	9	162	Grand Mesa Contestors	
KG2E	SOPH	KY	0	10	8	160		
AG7TX *	SOPH	NV	0	10	8	160		
K7JSG	SOPH	WA	0	9	8	144		
W1AM	SOPH	GA	0	8	8	128		
KE0JYU	SOPH	KS	0	8	8	128		
KM5JV	SOPH	TX	0	8	7	112	DFW Contest Group	
KA2GQQ	SOPH	NJ	0	7	7	98		
NW5Q	SOPH	TX	0	7	7	98	DFW Contest Group	
KD8UPX	SOPH	OH	0	8	6	96	NO8I	
K8EAW	SOPH	MI	0	8	6	96		
KA3E	SOPH	PA	0	7	6	84	Wayne County ARC	
NC6R	SOPH	CA	0	6	6	72	Mother Lode DX/Contest Club	
N6SAC	SOPH	CA	0	6	6	72		
W2IOC	SOPH	NJ	0	6	6	72	New Providence ARC	
AB5XM	SOPH	TX	0	6	6	72		
N5KB	SOPH	IA	0	6	6	72	Society Of Midwest Contesters	
KT4LS	SOPH	GA	0	5	5	50		
NO2C	SOPH	NY	0	5	5	50	Great South Bay Amateur Radio Club	
W2UDT	SOPH	NJ	0	6	4	48		
K6TLH	SOPH	CA	0	4	4	32		
KN4CQJ	SOPH	GA	0	4	4	32	Silver Comet Amateur Radio Society	
N9TCA	SOPH	IL	0	4	4	32	Society Of Midwest Contesters	
N1TYH	SOPH	MA	0	4	4	32	Yankee Clipper Contest Club	
VV3MM	SOPH	MD	0	4	4	32		
KG7D	SOPH	NV	0	4	4	32		
N8CJ	SOPH	OH	0	4	4	32		

Single OP - Phone(cont....)

<u>Call</u>	<u>Category</u>	<u>St./Prv</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
WB7CYO *	SOPH	ID	0	3	3	18		
KV8Z	SOPH	OH	0	3	3	18		
W9ET	SOPH	WI	0	3	3	18	Society Of Midw est Contesters	WB9SBD
AF4RK	SOPH	FL	0	3	3	18	Florida Contest Group	
W2VDZ	SOPH	NJ	0	3	2	12		
AE6YB	SOPH	CA	0	2	2	8	Northern California Contest Club	
VY2DF *	SOPH	PE	0	2	2	8	Summerside ARC	
K7JKM	SOPH	OR	0	2	2	8		
AA3C	SOPH	TX	0	2	2	8		
KF5VO	SOPH	TX	0	2	2	8		
KM5Z	SOPH	TX	0	2	2	8		
K1LOK	SOPH	UT	0	2	2	8		
NS7U	SOPH	WA	0	2	2	8	Clark County Amateur Radio Club	
KD9MDO	SOPH	IL	0	1	1	2		
VE2GT	SOPH	QC	0	1	1	2	Contest Group du Quebec	
W4BCG	SOPH	TN	0	5	5	1	Tennessee Contest Group	

Multi - OP

<u>Call</u>	<u>Category</u>	<u>St./Prv</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
N8ZSA *	MULTI	MI	34	21	31	3410		N8ZSA, WF5X
N1SOH *	MULTI	MA	20	28	29	2784	Yankee Clipper Contest Club	N1SOH W1FM
W1NVT	MULTI	VT	2	23	19	950	Radio Amateurs of Northern Vermont	W1SJ, AA1SU, W3JEF
W1AJT	MULTI	NC	19	5	19	912	Contest Club Ontario	W1AJT, VE3UTT

Single OP - High Power

<u>Call</u>	<u>Category</u>	<u>St./Prv</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
K1RO ***	SOHP	NH	140	97	70	33180	Yankee Clipper Contest Club	
W6OAT **	SOHP	WA	134	54	72	27072	Western Washington DX Club	
W0BV **	SOHP	CO	132	42	66	22968	GMCC	
W7GKF **	SOHP	WA	79	67	57	16644	Radio Club of Redmond	
KA6BIM **	SOHP	OR	14	97	51	11322	Northern California Contest Club	
KI6RRN *	SOHP	CA	53	51	46	9568	Southern California Contest Club	
W5XX *	SOHP	MS	35	70	41	8610		
N4CW	SOHP	NC	82	0	42	6888	Potomac Valley Radio Club	
WN4AFP *	SOHP	SC	56	35	36	6552	Sw amp Fox Contest Group	
N3RJ *	SOHP	PA	40	37	39	6006	Frankford Radio Club	
WA2VYA	SOHP	TX	56	17	36	5256	Central Texas DX and Contest Club	
K4AMC	SOHP	TN	63	0	38	4788	Tennessee Contest Group	
KJ9C *	SOHP	MT	31	24	29	3190	Big Sky Contesters	
W7UT	SOHP	SD	53	0	28	2968	Great Places Contest Club	
W5TM *	SOHP	OK	51	0	29	2958	Deep Dixie Club	

Single OP - High Power(cont...)

<u>Call</u>	<u>Category</u>	<u>St./Prv</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
K4RUM	SOHP	NY	28	17	28	2520		
W0UY	SOHP	KS	42	0	27	2268		
ND9Z	SOHP	WI	19	22	27	2214	Badger Contesters	
VE6TL *	SOHP	AB	16	30	23	2116		
N7EPD	SOHP	WA	39	0	24	1872	Pacific Northwest VHF Society	
K4BAI	SOHP	GA	41	0	22	1804	South East Contest Club	
K3TN	SOHP	MD	38	0	20	1520	Potomac Valley Radio Club	
AA3S	SOHP	MD	36	0	21	1512	Potomac Valley Radio Club	
K3PP	SOHP	PA	30	3	19	1254	Frankford Radio Club	
W8CAR	SOHP	OH	19	7	18	936	North Coast Contesters	
N1NN	SOHP	MA	29	0	16	928		
W3GQ	SOHP	NC	8	14	18	792	Carolina DX Association	
WB4HRL	SOHP	SC	1	21	14	616	Swamp Fox Contest Group	
WA3AAN	SOHP	PA	23	0	12	552	Frankford Radio Club	
N8BJQ	SOHP	OH	20	0	13	520	Deep Dixie Club	
N5SJ *	SOHP	NM	19	0	13	494	Albuquerque DX Association	
WQ6X	SOHP	CA	15	0	13	390	San Diego Contest Club	
KF8MZ	SOHP	OH	1	15	12	384		
N4UU	SOHP	FL	6	9	12	360		
N9SE	SOHP	IN	11	2	13	338	Society Of Midwest Contesters	
K9JM	SOHP	CA	15	0	10	300	Northern California Contest Club	
WA6URY	SOHP	CA	6	8	10	280	Southern California Contest Club	
K9NW	SOHP	OH	11	0	8	176	Mad River Radio Club	
KX1X	SOHP	MA	3	6	8	144		
W0BH	SOHP	KS	5	5	6	120		
WB2WPM	SOHP	NY	6	0	6	72		
W7CO	SOHP	OR	3	3	5	60	Willamette Valley DX Club	
KA2WIK	SOHP	NY	1	0	1	2		

DX STATIONS**Unlimited**

<u>Call</u>	<u>Category</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
OM2VL *	UNLIMITED DX	59	21	43	6880	Slovak Contest Group	
DL3DXX	UNLIMITED DX	26	0	22	1144	Bavarian Contest Club	
DK2OY	UNLIMITED DX	8	0	7	112	Bavarian Contest Club	
F6EPO	UNLIMITED DX	6	0	5	60		

Checklog

<u>Call</u>	<u>Category</u>	<u>St./Prv</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
W8DXU	CHECKLOG	SC	1	0	1	2		

*** Indicates Plaque / Certificate & MNQP Prize

** Indicates Prize from MNQP (Some prize winners have declined)

* Indicates Plaque or Certificate

CLUB COMPETITION

<u>Club Name</u>	<u># Entries</u>	<u>Score</u>	
Detroit Lakes ARC	3	167,120	Top MN
F.O.R.C.E.	2	159,414	
Northern Lights Radio Society	5	150,820	
Henderson Radio Club	1	150,368	
Winona Amateur Radio Club	1	126,380	
TCDXA	4	116,040	
Mora Open Repeater Association	1	113,400	
Spirit Valley Amateur Assn	4	104,548	
Northern MN DX Assn	1	68,614	
Yankee Clipper Contest Club	10	53,690	Top Non-MN
Potomac Valley Radio Club	10	49,648	
Bloomington Amateur Radio Assn	1	48,804	
Unreal Radio Club	1	45,506	
Eden Prairie Radio Club	1	43,648	
Meeker ARC	1	34,992	
Mad River Radio Club	7	34,948	
SCARC	1	32,850	
Runestone ARC	3	29,648	
SMARTS	2	28,008	
Western Washington DX Club	2	27,756	
Tennessee Contest Group	11	26,437	
Society Of Midwest Contesters	10	24,966	
Niagara Frontier Radiosport	3	24,338	
GMCC	1	22,968	
Northern California Contest Club	6	19,052	
Radio Club of Redmond	1	16,644	
Central Texas DX and Contest Club	4	13,972	
DFW Contest Group	4	12,302	
Swamp Fox Contest Group	3	11,384	
West Allis RAC	2	11,238	
Florida Contest Group	7	10,952	
Frankford Radio Club	5	10,644	
Southern California Contest Club	2	9,848	
Minnesota Amateur Radio Technical Society	1	9,048	
Eau Claire ARC	1	8,648	
Viking Amateur Radio Club	1	7,560	
Hiawatha Valley Amateur Radio Club	1	6,912	
Slovak Contest Group	1	6,880	
New Providence ARC	3	5,322	
West Central MN ARC	1	5,208	
Saskatchewan Contest Club	1	4,712	
AOCC	1	4,620	
Stanwood Camano Amateur Radio Club	1	3,978	
Deep Dixie Club	2	3,478	
Big Sky Contesters	1	3,190	
Great South Bay Amateur Radio Club	2	3,178	

CLUB COMPETITION cont...

<u>Club Name</u>	<u># Entries</u>	<u>Score</u>
Sterling Park ARC	1	3,060
Great Places Contest Club	1	2,968
Orca DX and Contest Club	2	2,562
Hoosier DX and Contest Club	1	2,496
Kentucky Contest Group	1	2,300
Contest Club Ontario	4	2,280
Badger Contesters	1	2,214
North Coast Contesters	2	2,154
South East Contest Club	4	2,006
Contoocook Valley Radio Club	1	1,872
Pacific Northwest VHF Society	1	1,872
Georgia Contest Group	1	1,794
Silver Comet Amateur Radio Society	4	1,718
Metro DX Club	1	1,680
Randolph County	1	1,680
Fox Cities ARC	1	1,564
Grand Mesa Contestors	2	1,496
SECC	2	1,464
Radio Amateurs of Northern Vermont	2	1,288
Bavarian Contest Club	2	1,256
Kansas City Contest Club	3	1,052
Oklaloosa ARC	1	880
Carolina DX Association	1	792
GorgeEastAmateurRadio (GEAR)	1	684
Mississippi Valley DX/Contest Club	1	684
South Texas DX and Contest Club	1	532
The Villages Amateur Radio Club	2	520
Albuquerque DX Association	1	494
Mother Lode DX/Contest Club	2	462
Huson Valley Contesters and Dxers	1	396
San Diego Contest Club	1	390
Louisiana Contest Club	2	368
Hop River Radio Club	1	338
Minnetonka MN Radio Club	1	308
Driftless Zone Contesters	1	264
Clark County Amateur Radio Club	2	250
Iowa DX and Contest Club	1	112
Alabama Contest Group	1	108
NO8I	1	96
USS Wisconsin Radio Club	1	96
Wayne County ARC	1	84
Willamette Valley DX Club	1	60
OARC	1	50
Vancouver Contest Club	1	42
Mifflin County Contesters	1	24
Summerside ARC	1	8
Contest Group du Quebec	1	2

Soapbox

Was a lone wolf this year. Usually running rover with Gary NU0W. Unfortunately Gary couldn't make it this year. So I decided to work MNQP from home (LAK), only the second time I have ever done that... 80m started out great but fizzled about 10:30. Switched to 40m and had a good run there. When that fizzled I went up to 20 which was phenomenal! Rarely put out a call without a response. Switched to 160m on 17:30 and caught a few there, then back to 40m to finish out the contest. Awesome time! Amazing what a difference a beam makes. Although running rover is fun too! 73!, Jeff - **KCOMKS...** Location was at the St. Louis County EOC. Antenna was an NVIS.- **KODSL...** With the new QP "Challenge", decided I'd play for the first time in this one. Very fun! Thanks.- **WB8WKQ...** Conditions seemed to cooperate somewhat this year and as always, Minnesota puts on a great PARTY!!!!- **W1KDA...** Great party...Had a blast!! - **KG0DX...** K3/10 running 10 watts on 20M, and driving a Ten Tec 405 to 50 watts on 40 M and 80M. What a blast ! Thanks for the fun and C U next time. K4BAI, John, thanks for the call ! 73, Dan- **KE0TT...** Thanks for the MN QSO Party, I enjoyed as always. - **K0HW...** Great fun chasing the mobiles, despite rough propagation (20m was next to useless from Ohio). QSOs with the mobiles: K0PC 2, N0EO 3, NU0Q 5, W0ZQ 11 (9 of his 10 planned counties) Thanks all for the QSOs. -**AF8A...** I have flu and it will be better stay at home (13 Celsius at the beginning in HAM Shack; not good for flu) but I can give some points in MN QP to my friends :) Unfortunately 20m closed s early and most of the mobiles was during my 20m opening on 40 or 80m. Most QSO's with: N0HJZ 12/12 (QSO/CTY), K0PC 6/6, N0EO 4/4, NU0Q 3/3, W0ZQ 1/1, W9FZ 1/1. Resident stations (3 QSO): AC0W, AE0EE, K0AD, K0EA, K0TG, WA0MN. Thanks for all QSO's! Unfortunately from last year no sponsor for DX Plaque :(73, Laci - **OM2VL...** Special event 1x1 for WB0DYZ – **K0B...** Part-time effort between VT and BC QSO parties. Fun getting old friends back in the log. Thanks! Rig = TenTec Eagle @ 100 Watts Antenna = Mag Loop (40 thru 15) and an Isotron-80 in attic 12' above garage floor and an indoor 10 meter dipole. 73, Tom – **KV8Q...** Nice way to spend the day while the snow flew outside. See you all in MiQP in April! 73 - soapbox: - **N8ZSA (ops N8ZSA, WF5X)...** Another good contest! - **KD8HAM...** Thanks for QSO party. – **WA1SAY...** Very busy time trading Qs with in-state MNQP participants amid my BCQP pileups. Great fun! – **VA7ODX...** I had fun. Thanks to all who made this possible, especially the rovers who put more than one county on the air. – **KS5N...** ARES station at EOC - **N0EOC ...** Rig was FTdx5000 and Butternut vertical. Good activity this year. Checked 15M a few times but heard nothing. – **W1END...** ICOM IC-7300, Heil Pro Micro Headset, and modified ZS6BKW up 40 feet, running N-S @ 6,053 feet elevation in Laramie. County, Wyoming, just handing out the Wyoming multiplier to a few folks during my limited operating time. – **N7MZW...** Working two QSO Parties at the same time was fun. - **K3GWK ...** 13TH MINNESOTA QSO PARTY – **N1NN...** Thank you, Rich, N0HJZ for all your driving about MN. – **K2AVI...** Terrific ops in MN! Thanks for a great contest. - **KB9DKR...** Great Contest- **N1AM...** IC-756 Pro, end fed wires. Bands rough but glad to work a few. TU GL 73. **N8VWY...**

Soapbox Cont.

*This was another disappointing WQ6X remote operation from NX6T in Fallbrook. What good does it do to hold a MN QSO party if amateurs in Minnesota don't participate? How can we work all counties in your state if very few stations in your state are on the air? While the Minnesota GiG was the most populous of all the QP Gigs this weekend, it was nevertheless a horrible disappointment. Luckily I had the XE-RTTY contest to keep me company. Am I missing something? Look for a write-up on this Gig at: <http://WQ6X.Blogspot.Co>. – **WQ6X...** I enjoy working Minnesota stations any time, contest or not! Everyone is so friendly and polite, in the true spirit of Amateur Radio. They're all winners. – **K1MTD...** Operated remote from Tokyo, Japan. – **WA6URY...** Thanks for first contest as an AE. – **K8YLK...** I'll be back. – **W8AKS...** Thanks for contest!! – **AB5XM...** I had a more elaborate rove planned, but wasn't feeling well contest morning. On top of that, rig troubles limited my QSOs, but I activated two counties. – **W0IS...** Sorry, only had a bit in the AM to work contest. C ya next year. – **WB7CYO...** Only heard two stations. :(- **KF5VO...** KX3 to a dipole, 5w. – **K14MZC...***

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The 23rd Minnesota QSO Party will be held on **Saturday, February 6th, 2021** from 1400 UTC until 2400 UTC. Check the web site for latest information, tools and updates.

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