



Minnesota QSO Party - 2024

SUMMARY

This year, MNQP experienced weather conditions like never before. Minnesota is on pace for a record warm winter. For the weekend, most experienced mild weather with temperatures in the mid-30's. There was NO SNOW on the ground! Mobiles had perfect road conditions with slight overcast skies, allowing no glare to the laptop computers. Some in southern Minnesota had times of fog making a bit of a driving challenge. Mobiles and Rovers stepped up to the challenge, activating all 87 Minnesota counties. Peter - K9PW and Dave - WN4AFP took on the challenge and each worked all but three counties. Peter accomplishing this using just an attic mounted dipole.

The likelihood of a sweep was slim, despite having only four counties represented with less than 60 QSO's. Aitkin County was a find for only seven stations in just a four-minute span to make it the rarest of them all.

We had 517 logs this year (down just 2 logs from last year.) There were 159 Minnesota logs (up +13), and 358 non-Minnesota logs. (down -15). Logs were received from all states except AK, HI, NV, and WY.

More than 3,800 unique calls show up in all of the logs indicating a great turnout in handing out Q's. 20 meters was definitely the money band as shown below, with a huge increase in QSO count over last year. The other trend was the increased participation in the CW ONLY category. We had 25 new state records set in this category, whereas all of the other categories each had less than 10 new records.

Many familiar calls at or near the top in all of the non-MN categories, with some new winners in the MN categories. Special mention to the ROVER team of KZ9V and KB9VBR operating as KOM with a very narrow margin of victory, entirely determined by log checking. Interestingly, both of these stations competed in the Mobile category last year, but the KOM team increased their QSO count from last year by 65%, and kept the multiplier advantage!

Band	QSO Count
160	1
80	5256
40	15424
20	28975
15	5501
10	848

Mode	QSO Count
CW	30337
PH	25668

A total of 56,005 lines of QSO data were processed. That is about a 4.5% increase over last year. Total CW QSO's increased 23% and SSB QSO's dropped 12% over last year.

QSO's counts were down slightly on 160M, 80M, 40M and 10M, while they were up on 20M and 15M as compared to last year. 20 Meters was up almost 30%!

MN Gold Logs	
CALL	QSO's
NOBUI	417
KOPK	383
KOTJT	338

Non-MN Gold Logs	
CALL	QSO's
K9PW	266
W5TM	256
N7EPD	135

Here are the top Golden logs as ranked by QSO count. About half these calls have been on this list previously.

Congratulations!

(Just a bit over 40% of all of the logs submitted are error free.)

Thanks to all the sponsors of MNQP who facilitate all of the costs for plaques, certificates, and the MN Wild Rice gifts.

The list of sponsors can be found at:

[*https://www.w0aa.org/sponsors/*](https://www.w0aa.org/sponsors/)

Thanks to all who participated, and we hope to see you again in MNQP. Mark your calendars for MNQP next year on February 1, 2025.

If you would like to receive a log checking report (LCR), please e-mail your request with your call sign to:
[*mnqp@w0aa.org*](mailto:mnqp@w0aa.org)

A Mobile Journey - by K0RC

My first MN QSO Party as a mobile (in 2023)

But first, a quick comment on the 2024 MN QSO Party. . . **It was a blast!** This was the second time I got into the SUV and tried my hand at activating some of the Minnesota counties as a mobile operator. Last year I asked Marcy, my partner, to drive me around southern Minnesota. She didn't have a clue what this outing was about, but she did a great job navigating. She lives in Rochester, MN so I planned our route in that area. The journey took us through OLM -> DOD -> STE -> WSC -> FRE -> MOW -> FIL -> and back home to OLM in the first 8 hours. There were two more hours available to play so I decided to drive solo to GOO -> WAB. I was able to add another 162 contacts to the log and that brought the total number of QSOs to 434.

I learned that my mobile installation was less than optimal and the first trip provided insight to quite a few improvements that

were needed. The main problem was running my TS-690SAT from the cigarette lighter socket. It's a 100-Watt radio, and it was starving for power. The voltage drop when keying created a very distinct, chirpy CW signal. I backed the power down to 50 watts and that helped somewhat but it was not a cure. On the bright side, operators probably had no problem identifying who I was even before hearing my callsign! The power issue was later resolved by sacrificing a set of 6-gauge jumper cables from Harbor Freight and a pair of 20-amp inline fuses from Amazon. This stout DC power source went directly from the engine compartment battery, through the firewall, under the floor mats, and into the rear seat area of the SUV. A pair of Hubbell Twist-Lock connectors provided a quick disconnect for the transceiver.

I used the N1MM+ software on my old Dell laptop for logging. It has a nice feature where you can type a new county abbreviation (or just click its name) as you cross into the next county. This eliminates any fiddling around and downtime while running QSOs. I used a few MFJ Ham Stick antennas (80, 40, 20) on a tri-magnet mount on the top of the SUV. I was especially impressed how well they performed and how they provided many contacts with European stations thousands of miles away.

My second QSO Party as a mobile

In March 2023 I entered the WI QSO Party after correcting many of the problems I experienced the month before. That trip was from Rochester, heading back home to Chisago City via the western border of Wisconsin. This was a solo CW entry similar to a Rover class, i.e., not

operating while moving. Unfortunately, right now the WI QSO Party does not have a Rover category. The route was more challenging due to navigating unfamiliar roads, looking for a safe place to operate, and deciding when to pack up and start down the road again. In the last two counties (Washburn and Burnett) I encountered near blizzard conditions with winds and blowing snow. It was dark on the back-woods roads and some deer were trying to share those rural roads with me! Fortunately, I was able to avoid making any contacts with them. The last 10 minutes of the party were cut short when the County Sherriff pulled up and wanted to make sure I was okay. It was a nice gesture but that eliminated the final rush of calls you get as a contest comes to an end!

A Mobile Journey - by K0RC ...cont...

My third QSO Party as a mobile

With a couple of outings under my belt, the QSO Party bug had really taken hold of my senses. I discovered the Michigan QSO Party was coming up next! My brother Al, KD8FS, lives in Allegan, Michigan so I gave him a call to see if he would be interested in running mobile with me. He agreed to navigate and drive, so I reviewed the rules, entry classes, and began planning. Google Maps showed me US Highway 31 was a nice path going along the western edge of the state next to Lake Michigan. Al was familiar with this route because he travels it often when he goes fishing “up north.” We started on time, but Murphy had discovered our plans and “laid in wait” for us. About four hours later, when we were going through Traverse City, the laptop suddenly died! We pulled into a gas station to fuel up while I looked into the problem. It was simple.

The laptop DC/DC charger had fallen out of the lighter socket and the computer had been running on internal battery power! You would think plugging it back in would resolve the problem, but we heard Murphy softly chuckling in the back seat. . . “*heh heh heh, not so fast, boys!*” Yeah, I plugged the power cable back into the laptop but it would not start! There wasn’t much I could do at that point.

Disappointed, we decided to head back home. However, miraculously after about 15 minutes, there was enough juice back into the battery pack for the laptop to boot up. When I got everything up and running again, it was too late to backtrack to pick up missed counties. We decided to try and add some counties to the tail end of our route. That worked out for us. I have since replaced the old 1-to-3 cigarette adapter



KD8FS / K0RC wall lumber

with a more resilient unit that has pigtailed and that should eliminate the problem of the old adapter vibrating out of the socket.

The Michigan QSO Party is the third weekend in April, so the weather is quite comfortable and there are more daylight hours to operate. In addition, the propagation over there is a lot better.

To our surprise, a few months later Al got a very nice plaque in the mail. We finished first place in our category. That was a nice surprise to both of us.

A Mobile Journey - by K0RC ...cont...

The 2024 MN QSO Party

With three mobile adventures under my belt last year, I wanted to give the MNQP another try this year. I called my brother to see if he might be interested in joining me. It was a go, so I began developing our route.

Once again, Al would navigate, and I would operate. The mobile station is basically the same equipment I started with last year except for fixing the problems that had cropped up. All the hardware and software worked without any issues.

Two geography issues we encountered were

missing the turn to get into Itasca County for a short appearance. And few times there was no visual verification of crossing into a new county. Some experienced MWA members have made suggestions to help resolve that problem, so I am looking forward to making improvements in that area.

I had a couple of “operating while traveling issues.” The keyboard physically bouncing around and the mouse wandering off the table when navigating poor roads is one of them. The

other are very weak signals competing with road noise. At home I always use headphones, but I wanted to share the audio with my brother so only the radio loudspeaker was what we used. I recently bought a small 4-channel audio amplifier that includes individual level controls for each output channel and that should help resolve these “hearing” issues.

A brief summary

During the 2024 MNQP we traveled about 450 miles and pulled into my driveway with a couple minutes to spare. I logged 840 contacts during a total of 9-hours, according to the N1MM+ stats. This was about double the QSOs we made in Michigan, so things appear to be improving!

Our MNQP claimed score was a little over 122,000 points, and that put us in 15th place among the 83 MWA members who submitted their log this year.

And more QSO Parties as a mobile operator are planned for this year

Up next is the Wisconsin QSO Party on March 10th and then followed by the Michigan QSO Party on April 20th, 2024. Listen for K0RC/m and/or KD8FS/m in these upcoming events.



K0RC (left), and KD8FS (right)



2024 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 * p *	MOBILE	MN	27	25	1637	74	245,976		
AE0EE	MOBILE	MN	27	1249	0	75	187,350	NORTHERN LIGHTS RADIO SOCIETY	AE0EE, K0BBC
K0PC	MOBILE	MN	18	1062	0	79	167,796		
AC0W	MOBILE	MN	15	1013	0	71	143,846		
NE9U	MOBILE	MN	27	853	0	77	131,362	CHIPPEWA VALLEY VHF CONTESTERS	NE9U, KBPS
NU0Q	MOBILE	MN	18	828	0	77	127,512		
K0RC	MOBILE	MN	16	837	0	73	122,202		K0RC, KD8FS
N0EO	MOBILE	MN	4	364	12	62	46,624	SPIRIT VALLEY AMATEURS	AA0AW
K0LD	MOBILE	MN	7	294	0	64	37,632	TWIN CITY DX ASSN	WA0MHJ
W9FZ	MOBILE	MN	4	0	271	65	35,230	NORTHERN LIGHTS RADIO SOCIETY	W9FZ, KA9VVQ
W0ADL	MOBILE	MN	16	12	253	61	32,330		W0ADL, K0DJD
KE0TL	MOBILE	MN	11	0	192	68	26,112	BLOOMINGTON AMATEUR RADIO ASSN	NR0T, KE0TL
N0ANE	MOBILE	MN	5	58	48	56	11,872		
KC0DMF	MOBILE	MN	4	0	22	13	572		

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>
K0M * p *	ROVER	MN	3	25	720	96	143,040	WISCONSIN VALLEY RADIO ASSN	KZ9V, KB9VBR
W0ZQ	ROVER	MN	10	826	8	85	141,780	NORTHERN LIGHTS RADIO SOCIETY	
KE0TT	ROVER	MN	3	251	0	82	41,164		

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>
KE0YBL * p *	MULTI-OP	MN	ROC	0	345	97	66,930	SIoux EMPIRE ARC	KE0YBL, N4ARH, KE0SAM
N0EOC	MULTI-OP	MN	STL	0	171	75	25,650	SPIRIT VALLEY AMATEURS	ARES - KC0NFB, K0DSL, KD0JDB
WK0X	MULTI-OP	MN	DAK	0	107	63	13,482		WK0X, WD0FHW
K0YD	MULTI-OP	MN	HEN	6	20	21	1,092	MINNETONKA MINNESOTA RADIO CLUB	

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>
KE0WPA * p *	QRP	MN	NOB	2	286	91	52,416		
W0NY	QRP	MN	CAS	319	0	74	47,212		
KA0LDG	QRP	MN	CLA	185	0	45	16,650		
N0ECK	QRP	MN	CHP	72	45	63	14,742		
AC0AF	QRP	MN	STL	0	125	54	13,500		
KC0KYN	QRP	MN	RAM	0	95	41	7,790		
WB0UVD	QRP	MN	CRV	31	38	38	5,244	SMARTS	
W0UFO	QRP	MN	RAM	21	0	16	672		

Minnesota Results (cont...)

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>
KIØF * p r *	SOLP	MN	WAB	277	431	104	147,264	
WØPI * r *	SOLP	MN	BEC	425	142	116	131,544	
NNØDX * r *	SOLP	MN	WSH	432	151	111	129,426	
WØUC	SOLP	MN	RAM	203	271	124	117,552	NORTHERN LIGHTS RADIO SOCIETY
WØPR	SOLP	MN	RIC	407	137	105	114,240	
KØTT	SOLP	MN	DAK	184	373	101	112,514	
KBØEO	SOLP	MN	LES	262	233	110	108,900	
KAØPQW	SOLP	MN	STE	337	183	98	101,920	
KØAD	SOLP	MN	HEN	317	166	96	92,736	
NGØC	SOLP	MN	LKW	113	393	91	92,092	
AIØM	SOLP	MN	OLM	5	424	100	85,800	
KBØNES	SOLP	MN	DAK	54	324	101	76,356	
KØMPH	SOLP	MN	HEN	385	7	96	75,264	
WØBM	SOLP	MN	DOD	303	40	105	72,030	
NØOK	SOLP	MN	MIL	18	310	93	61,008	
KØTJT	SOLP	MN	BLU	19	319	89	60,164	
KØEA	SOLP	MN	HEN	213	193	74	60,088	
KØAWU	SOLP	MN	ITA	3	320	93	60,078	NORTHERN LIGHTS RADIO SOCIETY
NGØE	SOLP	MN	COT	182	71	89	45,034	
KA8HDE	SOLP	MN	ANO	23	205	92	41,952	MN AMATEUR RADIO TECHNICAL SOCIETY
NØUY	SOLP	MN	PEN	102	100	90	36,360	
KØMD	SOLP	MN	OLM	200	51	71	35,642	
WØPMO	SOLP	MN	LES	22	165	79	29,546	
KAØCSW	SOLP	MN	MEE	96	74	74	25,160	MEEKER ARC
K1KD	SOLP	MN	OLM	87	122	55	22,990	
AAØAJ	SOLP	MN	STL	55	100	65	20,150	
KCØRET	SOLP	MN	HEN	75	62	53	14,522	
KØCN	SOLP	MN	WRI	38	82	56	13,440	
WØRX	SOLP	MN	PEN	81	14	56	10,640	
WQØN	SOLP	MN	CHS	24	72	52	9,984	
WAØKNP	SOLP	MN	LAC	39	47	52	8,944	
KCØTAF	SOLP	MN	TOD	1	95	45	8,640	RUNESTONE ARC
WAØVPJ	SOLP	MN	HEN	1	87	41	7,216	NORTHERN LIGHTS RADIO SOCIETY
NØTJN	SOLP	MN	ANO	46	20	41	5,412	
WBØU	SOLP	MN	OLM	24	18	29	2,436	
KCØDWZ	SOLP	MN	ANO	22	5	21	1,134	ANOKA COUNTY RADIO CLUB
WØMN	SOLP	MN	OLM	7	18	21	1,050	
W7EEC	SOLP	MN	WSH	1	16	14	476	NORTHERN LIGHTS RADIO SOCIETY
KFØADU	SOLP	MN	HEN	1	8	9	162	
KBØGT	SOLP	MN	OLM	9	2	7	154	

Minnesota Results (cont...)

Single OP - CW Only

Call	Category	State	County	CW	SSB	Mults	Score	Club Affiliation	Operator(s)
WA0MN * p r *	SOCW	MN	STE	609	0	114	138,852	NORTHERN LIGHTS RADIO SOCIETY	N0UR
K0FVF	SOCW	MN	SHE	470	0	101	94,940	F.O.R.C.E	K0TI
K0TG	SOCW	MN	CRO	421	0	111	93,462		
N0BUI	SOCW	MN	WIN	417	0	103	85,902		
N0AT	SOCW	MN	HEN	413	0	102	84,252	NORTHERN LIGHTS RADIO SOCIETY	
K0PK	SOCW	MN	STL	383	0	78	59,748		
K0TC	SOCW	MN	RAM	327	0	82	53,628		
WK0B	SOCW	MN	MAH	335	0	71	47,570		
KM0O	SOCW	MN	RAM	257	0	79	40,606		
WA0MHJ	SOCW	MN	ANO	268	0	73	39,128	TWIN CITY DX ASSN	
K0HB	SOCW	MN	HEN	235	0	68	31,960		
KB0HXL	SOCW	MN	CAS	197	0	66	26,004		
K0LAR	SOCW	MN	CRV	119	0	61	14,518		
W0OR	SOCW	MN	HEN	120	0	60	14,400		
WB9YLZ	SOCW	MN	DAK	159	0	45	14,310		
WI9P	SOCW	MN	RAM	118	0	60	14,160		
WB0N	SOCW	MN	HEN	70	0	50	7,000	TWIN CITY DX ASSN	
KN0V	SOCW	MN	DAK	67	0	42	5,628		
WA0LIF	SOCW	MN	RAM	71	0	36	5,112	ST. PAUL RADIO CLUB	
K0GW	SOCW	MN	WSH	39	0	24	1,872	STILLWATER ARA	

Single OP - PHONE Only

Call	Category	State	County	CW	SSB	Mults	Score	Club Affiliation	Operator(s)
W0CN * p r *	SOPH	MN	CRV	0	688	95	130,720		
N0XT * r *	SOPH	MN	ANO	0	595	106	126,140		
K0YR	SOPH	MN	PIN	0	521	104	108,368		
K0SIX	SOPH	MN	SHE	0	476	106	100,912	NORTHERN LIGHTS RADIO SOCIETY	
KC0MKS	SOPH	MN	LAK	0	372	101	75,144	SPIRIT VALLEY AMATEURS	
K0APR	SOPH	MN	LYO	0	413	89	73,514	UNREAL RADIO CLUB	
AD0DB	SOPH	MN	SCO	0	369	99	73,062	SMARTS	
K0ARF	SOPH	MN	STR	0	370	97	71,780	SPIRIT VALLEY AMATEURS	K0SV
KD0B	SOPH	MN	HEN	0	359	99	71,082	EDEN PRAIRIE RADIO CLUB	
NI0K	SOPH	MN	BEL	0	339	95	64,410		
N0VRM	SOPH	MN	STL	0	407	65	52,910	SPIRIT VALLEY AMATEURS	
AC0DH	SOPH	MN	HEN	0	273	82	44,772		
K0JJR	SOPH	MN	STL	0	239	80	38,240		
NY0V	SOPH	MN	FIL	0	210	81	34,020		
W0ZF	SOPH	MN	DAK	0	217	72	31,248	NORTHERN LIGHTS RADIO SOCIETY	
AF0AF	SOPH	MN	DAK	0	180	79	28,440		
N0EX	SOPH	MN	GOO	0	149	73	21,754		
K0JDD	SOPH	MN	WSH	0	162	63	20,412	SEMARC	
KC0QNA	SOPH	MN	SIB	0	156	63	19,656	CROW RIVER RADIO CLUB	
K0VH	SOPH	MN	OLM	0	176	53	18,656		

Minnesota Results (cont...)

Single OP - PHONE Only (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>
KE0KOT	SOPH	MN	NOB	0	142	60	17,040		
KC0RIS	SOPH	MN	CRV	0	137	62	16,988	SMARTS	
K0MJS	SOPH	MN	SHE	0	135	55	14,850		
K0WLO	SOPH	MN	HOU	0	132	56	14,784		
NY0A	SOPH	MN	MEE	0	140	52	14,560		
N0HDR	SOPH	MN	ANO	0	116	61	14,152		
KE0BAQ	SOPH	MN	COO	0	127	54	13,716		
WX0Z	SOPH	MN	RAM	0	114	54	12,312		
N7QJP	SOPH	MN	HUB	0	111	48	10,656		
K0LTL	SOPH	MN	SCO	0	93	54	10,044		
AB0R	SOPH	MN	RAM	0	88	44	7,744		
KC0QED	SOPH	MN	LAC	0	84	46	7,728		
WF0B	SOPH	MN	YEL	0	79	46	7,268		
K0BLS	SOPH	MN	CAS	0	71	43	6,106		
N0STP	SOPH	MN	RAM	0	82	37	6,068		
KB0WMQ	SOPH	MN	ITA	0	75	40	6,000		
KG0DX	SOPH	MN	STR	0	68	42	5,712	RUNESTONE ARC	
W0LM	SOPH	MN	RAM	0	64	42	5,376	TWIN CITY DX ASSN	
W0JLF	SOPH	MN	ISA	0	66	39	5,148		
WG0A	SOPH	MN	HEN	0	60	38	4,560		
WB0KUG	SOPH	MN	DOU	0	60	36	4,320	RUNESTONE ARC	
KC0FOT	SOPH	MN	JAC	0	59	35	4,130		
K0VG	SOPH	MN	CLA	0	53	36	3,816	NORTHERN LIGHTS RADIO SOCIETY	
KD0IRF	SOPH	MN	WSH	0	56	34	3,808		
N8MD	SOPH	MN	WIN	0	50	38	3,800		
W0VGW	SOPH	MN	FIL	0	52	35	3,640	W0VGW	KD0ORR
N0JNM	SOPH	MN	HEN	0	48	35	3,360		
N0UJJ	SOPH	MN	STL	0	52	32	3,328	SPIRIT VALLEY AMATEURS	
KA8VHF	SOPH	MN	WSH	0	45	35	3,150	SOUTH EAST METRO AMATEUR RADIO CLUB	
KC0WDQ	SOPH	MN	STL	0	45	34	3,060	SPIRIT VALLEY AMATEURS	
KE0HAL	SOPH	MN	WSH	0	45	29	2,610	SOUTH EAST METRO AMATEUR RADIO CLUB	
N0KEN	SOPH	MN	CRO	0	41	30	2,460	ANOKA COUNTY RADIO CLUB	
K0JM	SOPH	MN	HEN	0	46	25	2,300		
KC0RN	SOPH	MN	TOD	0	38	29	2,204		
W0GHZ	SOPH	MN	RAM	0	31	24	1,488	NORTHERN LIGHTS RADIO SOCIETY	
KE0YTM	SOPH	MN	STL	0	26	24	1,248	SPIRIT VALLEY AMATEURS	
N0MDC	SOPH	MN	STE	0	27	23	1,242	OWATONNA STEELE COUNTY AMATEUR RADIO	
KF0GV	SOPH	MN	MOW	0	25	22	1,100		
W0STV	SOPH	MN	OLM	0	25	18	900		
KF0MLJ	SOPH	MN	HEN	0	15	13	390		
WB0WHD	SOPH	MN	HEN	0	15	12	360		
N0UK	SOPH	MN	HEN	0	14	10	280		
WA0TXJ	SOPH	MN	HEN	0	9	9	162		

Minnesota Results (cont...)

Single OP - PHONE Only (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>
N0SUW	SOPH	MN	HEN	0	9	8	144	NORTHERN LIGHTS RADIO SOCIETY	
W0CRC	SOPH	MN	MCL	0	14	5	140	CROW RIVER RADIO CLUB	
KB0TNG	SOPH	MN	WSH	0	6	5	60		
KB0HNN	SOPH	MN	BEN	0	5	5	50	NORTHERN LIGHTS RADIO SOCIETY	
K0VO	SOPH	MN	WAB	0	3	3	18	OSCAR	
N0UNC	SOPH	MN	HEN	0	3	3	18		
N9UXC	SOPH	MN	HEN	0	2	2	8		

W/VE Results

W/VE 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 * p *	SOLP	WV	185	105	81	46980	POTOMAC VALLEY RADIO CLUB	
K9PW * r *	SOLP	IL	184	82	84	44688	SOCIETY OF MIDWEST CONTESTERS	
WN4AFP * r *	SOLP	SC	177	70	84	41496	SWAMP FOX CONTEST GROUP	
W8PI * r *	SOLP	MI	188	68	81	41472		
WB9HFK * r *	SOLP	IL	167	44	78	32916	SOCIETY OF MIDWEST CONTESTERS	
WA5SOG	SOLP	AR	124	51	70	24500	FORT SMITH AREA ARC	
W2LC	SOLP	NY	102	79	62	22444	GKCC	
WA4PGM	SOLP	VA	114	50	62	20336	POTOMAC VALLEY RADIO CLUB	
WA1UJU	SOLP	MI	78	85	58	18908		
W9QL	SOLP	IL	63	39	62	12648	SOCIETY OF MIDWEST CONTESTERS	
N2CU	SOLP	SC	85	22	59	12626	NIAGARA FRONTIER RADIOSPORT	
VE3HZ	SOLP	ON	57	43	53	10600	CONTEST CLUB ONTARIO	
WA9LEY	SOLP	IL	83	2	56	9520	METRO DX CLUB	
AE9LL	SOLP	IN	46	42	53	9328	HOOSIER DX AND CONTEST CLUB	
K9BTQ	SOLP	WI	76	22	40	7840	WEST ALLIS RAC	
KV0I	SOLP	NE	43	36	45	7110	HEARTLAND DX ASSOCIATION	
W5VS	SOLP	VA	63	7	41	5740		
K2AL	SOLP	NJ	45	17	39	4836	NEW PROVIDENCE ARC	
VA3IDD	SOLP	ON	4	65	35	4830		
NU4N	SOLP	KY	30	34	35	4480	KENTUCKY CONTEST GROUP	
K2WPM	SOLP	NY	5	49	39	4212		
N3CKI	SOLP	NC	34	23	35	3990	POTOMAC VALLEY RADIO CLUB	
K8RGI	SOLP	OH	36	21	32	3648	CUYAHOGA ARS	
VA6RCN	SOLP	AB	21	28	35	3430	CONTEST CLUB ONTARIO	
K7DBN	SOLP	UT	30	21	33	3366		
N5OHL	SOLP	OK	9	38	35	3290		
W8CAR	SOLP	OH	40	9	32	3136	NORTH COAST CONTESTERS	
K8MR	SOLP	FL	32	13	31	2790	FLORIDA CONTEST GROUP	
WA8ZBT	SOLP	TX	30	15	31	2790	DFW CONTEST GROUP	
W2XL	SOLP	NY	32	10	30	2520	HUDSON VALLEY CONTESTERS AND DXERS	
K4DR	SOLP	TN	22	16	29	2204	TENNESSEE CONTEST GROUP	
KC0INP	SOLP	FL	32	5	28	2072		
NK4O	SOLP	FL	26	9	27	1890	FLORIDA CONTEST GROUP	
K1BZ	SOLP	ME	23	11	27	1836	POTOMAC VALLEY RADIO CLUB	
VA3DKL	SOLP	ON	23	11	24	1632	CONTEST CLUB ONTARIO	
A15G	SOLP	TX	27	1	23	1288	LAKE AREA AMATEUR RADIO KLUB	
N3WR	SOLP	PA	18	10	22	1232	DELAWARE LEHIGH AMATEUR RADIO CLUB	
K4VBM	SOLP	GA	12	18	19	1140	SOUTH EAST CONTEST CLUB	
KM0A	SOLP	MO	12	13	20	1000		

W/VE Results (cont...)

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>
WA1FMM	SOLP	CO	5	18	20	920		
NN7O	SOLP	CA	10	12	20	880	NORTHERN CALIFORNIA CONTEST CLUB	
VE3JZT	SOLP	ON	14	9	18	828	CONTEST CLUB ONTARIO	
N4QI	SOLP	SC	16	8	17	816	SWAMP FOX CONTEST GROUP	
NR0P	SOLP	KS	1	20	16	672		
K9WPV	SOLP	IN	2	19	14	588	GOSHEN AMATEUR RADIO CLUB	
WA3RHW	SOLP	FL	4	14	16	576		
VE2KLW	SOLP	QC	3	16	15	570		
K5YX	SOLP	TX	11	5	15	480	LAKE AREA AMATEUR RADIO KLUB	
N1XI	SOLP	NC	11	3	11	308		
VA3RKM	SOLP	ON	8	4	12	288	CONTEST CLUB ONTARIO	
N9TF	SOLP	TN	11	1	11	264	TENNESSEE CONTEST GROUP	
VA4ADM	SOLP	MB	7	5	10	240		
VE7CCY	SOLP	BC	8	2	9	180		
KE4EA	SOLP	SC	7	3	9	180	SWAMP FOX CONTEST GROUP	
KX1W	SOLP	NJ	3	6	7	126	SOUTH JERSEY DX ASSOCIATION	
VA3IJK	SOLP	ON	4	3	6	84		
K8II	SOLP	WV	5	2	6	84		
N6GP	SOLP	CA	4	2	6	72	SOUTHERN CALIFORNIA CONTEST CLUB	
KW4GF	SOLP	VA	5	1	6	72		
AF4NM	SOLP	TN	1	5	5	60		
K5CCW	SOLP	TX	1	4	5	50	K5LRK	
NR7Z	SOLP	CA	3	1	4	32		
W4LEW	SOLP	VA	0	2	5	20	CENTRAL VA CONTEST CLUB	
N4FA	SOLP	FL	1	2	3	18		
KK7A	SOLP	ID	2	1	3	18		
KC2WUF	SOLP	NJ	3	0	3	18	NEW PROVIDENCE ARC	
K0RJK	SOLP	CO	1	1	2	8		
K3MAW	SOLP	MD	1	1	2	8	POTOMAC VALLEY RADIO CLUB	
VA3KTT	SOLP	ON	0	2	2	8		

Single OP - CW 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>
W5TM * p r *	SOCW	OK	256	0	80	40,960	DEEP DIXIE CONTEST CLUB	
W0BV * r *	SOCW	CO	252	0	75	37,800	LCCC	
K9CW	SOCW	IL	200	0	77	30,800	SOCIETY OF MIDWEST CONTESTERS	
K3YP	SOCW	OH	135	0	69	18,630		
K0AP	SOCW	KS	124	0	67	16,616	KANSAS CITY CONTEST CLUB	
KD2KW	SOCW	TX	134	0	61	16,348	LAKE AREA AMATEUR RADIO KLUB	
W4TJM	SOCW	FL	119	0	61	14,518	FLORIDA CONTEST GROUP	
W7GF	SOCW	OR	115	0	63	14,490		
AF5J	SOCW	TX	106	0	63	13,356	TEXAS DX SOCIETY	
N4CW	SOCW	NC	114	0	58	13,224	POTOMAC VALLEY RADIO CLUB	
NW0M	SOCW	MO	101	0	59	11,918	KANSAS CITY CONTEST CLUB	

W/VE Results (cont...)

Single OP - CW 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>
AC6ZM	SOCW	TN	105	0	52	10,920	TENNESSEE CONTEST GROUP	
K4AMC	SOCW	TN	99	0	49	9,702	TENNESSEE CONTEST GROUP	
WA3KCP	SOCW	PA	84	0	52	8,736	CUMBERLAND ARC	
K0ZR	SOCW	VA	99	0	43	8,514	LOUDOUN AMATEUR RADIO GROUP	
W0UY	SOCW	KS	76	0	48	7,296		
W8EWH	SOCW	MI	75	0	47	7,050	MAD RIVER RADIO CLUB	
WB2PJH	SOCW	NJ	74	0	44	6,512	FRANKFORD RADIO CLUB	
W1WBB	SOCW	RI	75	0	43	6,450	CTRI CONTEST GROUP	
WO9B	SOCW	WI	72	0	43	6,192	WEST ALLIS RAC	
VE2FK	SOCW	QC	70	0	42	5,880	CONTEST GROUP DU QUEBEC	
KA2MGE	SOCW	NY	65	0	45	5,850	NIAGARA FRONTIER RADIOSPORT	
K3WT	SOCW	FL	63	0	46	5,796	THE VILLAGES AMATEUR RADIO CLUB	
KG9X	SOCW	IL	70	0	39	5,460	SOCIETY OF MIDWEST CONTESTERS	
K3QP	SOCW	PA	72	0	37	5,328	FRANKFORD RADIO CLUB	
KD4S	SOCW	SC	64	0	41	5,248	SWAMP FOX CONTEST GROUP	
KK0U	SOCW	MO	77	0	34	5,236		
WB2FUV	SOCW	NY	60	0	42	5,040	HUDSON VALLEY CONTESTERS AND DXERS	
K3ZA	SOCW	PA	68	0	36	4,896	FRANKFORD RADIO CLUB	
N9NM	SOCW	TX	61	0	38	4,636	CENTRAL TEXAS DX AND CONTEST CLUB	
K4BAI	SOCW	GA	58	0	39	4,524	SOUTH EAST CONTEST CLUB	
VE3KP	SOCW	ON	56	0	39	4,368	CONTEST CLUB ONTARIO	
K2QB	SOCW	NY	52	0	37	3,848	NIAGARA FRONTIER RADIOSPORT	
N5EP	SOCW	IL	62	0	31	3,844		
K9CT	SOCW	IL	52	0	36	3,744	SOCIETY OF MIDWEST CONTESTERS	
K0KX	SOCW	SD	52	0	36	3,744		
W3US	SOCW	FL	55	0	33	3,630	FLORIDA CONTEST GROUP	
KM4FO	SOCW	KY	53	0	34	3,604	KENTUCKY CONTEST GROUP	
NJ3K	SOCW	PA	50	0	35	3,500	NORTH COAST CONTESTERS	
K4ORD	SOCW	VA	50	0	35	3,500	POTOMAC VALLEY RADIO CLUB	
N8DNA	SOCW	OH	47	0	37	3,478		
K0WRY	SOCW	KS	46	0	35	3,220		
AC5XK	SOCW	DC	50	0	31	3,100		
WA8YZB	SOCW	MI	47	0	31	2,914		
WB2WPM	SOCW	NY	47	0	31	2,914	NIAGARA FRONTIER RADIOSPORT	
W3WHK	SOCW	PA	50	0	29	2,900	FRANKFORD RADIO CLUB	
K9NW	SOCW	OH	50	0	28	2,800	MAD RIVER RADIO CLUB	
W1TO	SOCW	MA	44	0	31	2,728	YANKEE CLIPPER CONTEST CLUB	
N4DPM	SOCW	FL	41	0	32	2,624		
KF3G	SOCW	PA	45	0	27	2,430		
W3TAS	SOCW	DE	45	0	26	2,340	POTOMAC VALLEY RADIO CLUB	
K4LW	SOCW	FL	46	0	25	2,300	FLORIDA CONTEST GROUP	
W1ARY	SOCW	CT	41	0	28	2,296		
K0SN	SOCW	MT	37	0	31	2,294		

W/VE Results (cont...)

Single OP - CW Only (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>
K5AEM	SOCW	TX	40	0	28	2,240		
KN7Y	SOCW	AZ	39	0	26	2,028	ARIZONA OUTLAWS CONTEST CLUB	
W4NZ	SOCW	TN	38	0	25	1,900	TENNESSEE CONTEST GROUP	
W4SPR	SOCW	FL	41	0	23	1,886		
W4CMG	SOCW	TN	36	0	26	1,872	TENNESSEE CONTEST GROUP	
W1END	SOCW	NH	35	0	25	1,750	YANKEE CLIPPER CONTEST CLUB	
W8BZY	SOCW	OH	33	0	25	1,650		
AA4DD	SOCW	TN	33	0	23	1,518	TENNESSEE CONTEST GROUP	
KB4DE	SOCW	SC	30	0	25	1,500		
N0AV	SOCW	IA	30	0	24	1,440		
KN4ZXG	SOCW	VA	32	0	22	1,408		
K2MN	SOCW	NJ	27	0	26	1,404		
W3GQ	SOCW	NC	35	0	20	1,400	CAROLINA DX ASSOCIATION	
K3IE	SOCW	TN	29	0	23	1,334	TENNESSEE CONTEST GROUP	
N3IW	SOCW	PA	28	0	22	1,232		
AI0Y	SOCW	ND	32	0	19	1,216		
VA3FN	SOCW	ON	25	0	23	1,150		
WA0WHT	SOCW	VA	31	0	18	1,116	EASTERN SHORE AMATEUR RADIO CLUB	
K0VW	SOCW	GA	27	0	20	1,080		
K4FT	SOCW	SC	27	0	19	1,026	SWAMP FOX CONTEST GROUP	
N2SO	SOCW	NY	22	0	22	968	HUDSON VALLEY CONTESTERS AND DXERS	
NY9P	SOCW	NM	23	0	19	874		
W2NO	SOCW	NJ	25	0	17	850		
N5FZ	SOCW	TX	25	0	17	850	CWOPS	
W6UB	SOCW	TN	22	0	17	748	TENNESSEE CONTEST GROUP	
K6RM	SOCW	NC	25	0	14	700	CAROLINA DX ASSOCIATION	
K5TIA	SOCW	TX	21	0	16	672	TEXAS DX SOCIETY	
W2NR	SOCW	NH	19	0	16	608		
W3TB	SOCW	TN	16	0	14	448	TENNESSEE CONTEST GROUP	
WA9LKF	SOCW	IL	15	0	14	420		
K4RUM	SOCW	NY	15	0	14	420	HUDSON VALLEY CONTESTERS AND DXERS	
W8KRZ	SOCW	VA	15	0	13	390	POTOMAC VALLEY RADIO CLUB	
KN6BAZ	SOCW	CA	16	0	12	384		
K9DUR	SOCW	IN	15	0	12	360	SOCIETY OF MIDWEST CONTESTERS	
KN4JN	SOCW	FL	14	0	12	336		
WA3AAN	SOCW	PA	14	0	12	336	FRANKFORD RADIO CLUB	
N4IU	SOCW	FL	15	0	11	330		
KB4CG	SOCW	VA	14	0	11	308	POTOMAC VALLEY RADIO CLUB	
NJ8J	SOCW	GA	17	0	9	306	SOUTH EAST CONTEST CLUB	
K9OZ	SOCW	AR	12	0	11	264	ADXA	
N4NTO	SOCW	NC	12	0	11	264	POTOMAC VALLEY RADIO CLUB	
N1CGP	SOCW	ME	11	0	11	242		
VE3KIU	SOCW	ON	12	0	10	240	CONTEST CLUB ONTARIO	
NN4SS	SOCW	SC	10	0	9	180	SWAMP FOX CONTEST GROUP	
W2DXE	SOCW	NY	9	0	8	144	NIAGARA FRONTIER RADIOSPORT	

W/VE Results (cont...)

Single OP - CW Only (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>
AI6O	SOCW	MO	7	0	7	98		
AC5EZ	SOCW	TX	8	0	6	96	LAKE AREA AMATEUR RADIO KLUB	
K8GT	SOCW	MI	6	0	6	72	MAD RIVER RADIO CLUB	
KI5YGT	SOCW	TX	6	0	6	72	K5LRK	
K1WOR	SOCW	MA	5	0	5	50		
AA2AD	SOCW	PA	5	0	5	50	AVRA	
KY4GS	SOCW	SC	5	0	5	50	SOUTH EAST CONTEST CLUB	
N4SD	SOCW	VA	5	0	5	50		
K0VBU	SOCW	KS	4	0	4	32	KANSAS CITY CONTEST CLUB	
W8RU	SOCW	MI	4	0	4	32	MAD RIVER RADIO CLUB	
AD4SA	SOCW	VA	6	0	2	24		
WA2JQZ	SOCW	CO	3	0	3	18		
N9EDL	SOCW	IN	3	0	3	18		
KQ1O	SOCW	VA	3	0	3	18		

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>
N9SE * p *	QRP	IN	74	0	46	6,808	NORTH AMERICAN QRP CW CLUB	
W7LG	QRP	PA	38	31	35	4,830	FRANKFORD RADIO CLUB	
K2YG	QRP	NJ	62	1	38	4,788	NEW PROVIDENCE ARC	
KU4A	QRP	KY	60	0	38	4,560	NORTH AMERICAN QRP CW CLUB	
VE3SIF	QRP	ON	40	0	32	2,560		
NI8W	QRP	OH	40	0	28	2,240	NORTH AMERICAN QRP CW CLUB	
AC5O	QRP	LA	16	19	28	1,960	THIBODAU AMATEUR RADIO CLUB	
W0DCX	QRP	MO	29	0	22	1,276		
N2EIM	QRP	NJ	28	0	19	1,064	NORTH AMERICAN QRP CW CLUB	
VE7NI	QRP	BC	25	0	20	1,000		
KY0Q	QRP	IL	25	0	20	1,000	SOCIETY OF MIDWEST CONTESTERS	
WQ6X	QRP	CA	19	0	15	570	SAN DIEGO CONTEST CLUB	
W9GPB	QRP	IL	0	13	13	338	BOLINGBROOK ARS	
WB9G	QRP	NY	14	0	11	308	NORTH AMERICAN QRP CW CLUB	
NQ2W	QRP	NY	10	0	10	200	HUDSON VALLEY CONTESTERS AND DXERS	
VE3DQN	QRP	ON	6	0	6	72	CONTEST CLUB ONTARIO	
N0MII	QRP	MO	4	0	4	32	SOCIETY OF MIDWEST CONTESTERS	
K3PW	QRP	ME	3	0	3	18	ELLSWORTH AMATEUR WIRELESS ASSN	
W2BMT	QRP	NY	0	3	3	18		
KE3V	QRP	PA	2	0	2	8		

W/VE Results (cont...)

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 * p *	SOPH	RI	0	148	51	15,096		
W3JJL	SOPH	PA	0	99	52	10,296	FRANKFORD RADIO CLUB	
AJ4HP	SOPH	FL	0	81	50	8,100	FLORIDA CONTEST GROUP	
N0RDF	SOPH	ND	0	77	34	5,236		
KF5RUO	SOPH	AR	0	62	40	4,960		
WA1SAY	SOPH	CT	0	57	42	4,788		
WI2I	SOPH	SD	0	60	37	4,440		
W0AMT	SOPH	NM	0	56	37	4,144		
WW5L	SOPH	LA	0	55	36	3,960		
KE0UNV	SOPH	MO	0	59	32	3,776	MIKEOSCAR CONTESTING CLUB	
VE3RGO	SOPH	ON	0	50	37	3,700		
K2KR	SOPH	CO	0	50	33	3,300	GRAND MESA CONTESTERS	
KC1QEM	SOPH	MA	0	52	31	3,224	BARC	
KD5CFA	SOPH	LA	0	51	31	3,162		
AJ4LN	SOPH	VA	0	45	35	3,150	STERLING PARK ARC	
KQ4LQL	SOPH	SC	0	46	32	2,944		
N1SUZ	SOPH	SC	0	43	31	2,666	SWAMP FOX CONTEST GROUP	
K4QQG	SOPH	SC	0	49	25	2,450	SWAMP FOX CONTEST GROUP	
K3ZR	SOPH	PA	0	47	25	2,350	SOUTH MOUNTAIN RADIO AMATEURS	
WA9YI	SOPH	IN	0	35	26	1,820		
N5JDT	SOPH	NM	0	34	26	1,768		
W8AIT	SOPH	MI	0	35	25	1,750		
N4VZ	SOPH	SC	0	35	25	1,750	SWAMP FOX CONTEST GROUP	
VA7TU	SOPH	BC	0	40	21	1,680	ORCA DX AND CONTEST CLUB	
W5GUZ	SOPH	NM	0	34	23	1,564		
KO4QEX	SOPH	GA	0	33	23	1,518		
WB5NHL	SOPH	SC	0	32	23	1,472	SWAMP FOX CONTEST GROUP	
WZ6ZZ	SOPH	CA	0	26	26	1,352		
N4MCC	SOPH	TN	0	32	21	1,344	TENNESSEE CONTEST GROUP	
K6DAV	SOPH	CA	0	28	23	1,288		
K0OP	SOPH	ND	0	29	22	1,276		
K5MAY	SOPH	TX	0	30	21	1,260	LAKE AREA AMATEUR RADIO KLUB	
KJ9B	SOPH	IN	0	27	23	1,242	SOCIETY OF MIDWEST CONTESTERS	
KD2REH	SOPH	NY	0	29	21	1,218	LARKFIELD	
N5YS	SOPH	LA	0	35	17	1,190	LOUISIANA CONTEST CLUB	
VA7ODX	SOPH	BC	0	29	19	1,102	ORCA DX AND CONTEST CLUB	
VA3PC	SOPH	ON	0	27	20	1,080	CONTEST CLUB ONTARIO	
KC9GRD	SOPH	WI	0	24	22	1,056		
KB7PKC	SOPH	WA	0	24	20	960		

W/VE Results (cont...)

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>
NW5Q	SOPH	TX	0	23	20	920	DFW CONTEST GROUP	
NN6U	SOPH	CO	0	25	18	900	NORTHERN CALIFORNIA CONTEST CLUB	
KD9GY	SOPH	IL	0	22	20	880	SOCIETY OF MIDWEST CONTESTERS	
WB7CYO	SOPH	ID	0	23	18	828		
KC5LL	SOPH	TX	0	25	16	800	LAKE AREA AMATEUR RADIO KLUB	
KM4IAJ	SOPH	VA	0	21	19	798		
KM0F	SOPH	SD	0	22	18	792		
ND0L	SOPH	WI	0	22	18	792	FOX CITIES AMATEUR RADIO CLUB	
KE6GFI	SOPH	AZ	0	23	17	782	ARIZONA OUTLAWS CONTEST CLUB	
WX4WKY	SOPH	KY	0	23	17	782		
WA4JA	SOPH	TN	0	20	18	720	TENNESSEE CONTEST GROUP	
WA5SWN	SOPH	KS	0	21	16	672		
AC8JF	SOPH	MI	0	21	15	630	HAZEL PARK ARC	
VA3PMH	SOPH	ON	0	18	14	504	KWARC	
N7AME	SOPH	WA	0	17	13	442	SNOHOMISH COUNTY HAMS CLUB	
KD2VZT	SOPH	NJ	0	15	14	420		
VE9RLW	SOPH	NB	0	14	13	364		
W8LYJ	SOPH	CO	0	15	12	360		
KO4PRE	SOPH	VA	0	13	13	338	VIENNA WIRELESS SOCIETY	
K9ELF	SOPH	IN	0	13	12	312	SOCIETY OF MIDWEST CONTESTERS	
N2OIG	SOPH	NY	0	13	12	312		
W3MLK	SOPH	DE	0	13	11	286		
K4SHW	SOPH	GA	0	12	11	264	SILVER COMET AMATEUR RADIO SOCIETY	
VA2KD	SOPH	QC	0	12	11	264		
KE8JVX	SOPH	OH	0	14	9	252		
K5KVN	SOPH	AR	0	11	11	242		
W9LSE	SOPH	WI	0	11	11	242	DRIFTLESS ZONE CONTESTERS	
N1DVM	SOPH	TX	0	11	10	220		
KD6HOF	SOPH	CA	0	10	10	200	SIERRA FOOTHILLS AMATEUR RADIO CLUB	
W4TWK	SOPH	GA	0	10	9	180	GATEWAY ARC	
KD9KEG	SOPH	IN	0	10	9	180	OHIO VALLEY AMATEUR RADIO CLUB	
N1FR	SOPH	ME	0	10	9	180		
KF3AR	SOPH	PA	0	10	9	180		
KA7RRA	SOPH	WA	0	10	9	180		
AI7OZ	SOPH	WA	0	9	9	162		
KC3SGC	SOPH	PA	0	9	8	144		
WZ4CH	SOPH	AL	0	8	8	128		
K2IRK	SOPH	NY	0	8	8	128		
AA5AH	SOPH	TX	0	8	8	128	DALLAS AMATEUR RADIO CLUB	

W/VE Results (cont...)

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>
AG5QQ	SOPH	TX	0	8	8	128		
KD9MGZ	SOPH	IN	0	8	7	112	NIARA	
WO1Z	SOPH	MT	0	7	7	98		
N1WRK	SOPH	MA	0	8	6	96		
N3OA	SOPH	ME	0	6	6	72	ELLSWORTH AMATEUR WIRELESS ASSN	
NS7U	SOPH	WA	0	6	6	72	WILLAMETTE VALLEY DX CLUB	
AJ6AT	SOPH	AZ	0	5	5	50		
W4ZTH	SOPH	FL	0	5	5	50		
AC9QM	SOPH	IN	0	5	5	50		
AB1XQ	SOPH	VT	0	5	5	50		
KE0WSY	SOPH	KS	0	5	4	40		
KJ7JC	SOPH	AZ	0	4	4	32	AZ VHF SOCIETY	
KM6PDS	SOPH	AZ	0	4	4	32		
W00IT	SOPH	AZ	0	4	4	32	SIERRA NEVADA ARS	
KI5KOI	SOPH	LA	0	4	4	32	SHREVEPORT AMATEUR RADIO ASSN	
KD8DQH	SOPH	MO	0	4	4	32		
KN4UND	SOPH	VA	0	4	4	32		
W5HRP	SOPH	AR	0	3	3	18		
KN6VTC	SOPH	CA	0	3	3	18	KARO ECHO	
K7NEB	SOPH	ID	0	3	3	18		
KB3PQT	SOPH	PA	0	3	3	18	CUMBERLAND ARC	
VE2GT	SOPH	QC	0	3	3	18	CONTEST GROUP DU QUEBEC	
W7BLR	SOPH	WA	0	3	3	18		
AF1R	SOPH	MA	0	2	2	8	YANKEE CLIPPER CONTEST CLUB	
AE4XZ	SOPH	SC	0	2	2	8		
W5JCC	SOPH	TX	0	2	2	8		
KB7AK	SOPH	WA	0	2	2	8		
WT8P	SOPH	WA	0	2	2	8	WESTERN WASHINGTON DX CLUB	
KD9KEQ	SOPH	WI	0	2	2	8		
W5RIR	SOPH	TX	0	1	1	2		

W/VE Results (cont...)

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>
K8BF * c *	MULTI-OP	OH	17	56	42	6,132	PORTAGE COUNTY AMATEUR RADIO SERVICE	WB9LBI, W8KNO, N8QE, W8PT, KA8TOA, WA8LRW, KB8TUY, KP4VZ
N1SOH	MULTI-OP	MA	16	10	19	988	YANKEE CLIPPER CONTEST CLUB	N1SOH, W1FM
W1NVT	MULTI-OP	VT	0	12	8	192	RADIO AMATEURS OF NORTHERN VERMONT	W1SJ, KC1KUW, KB1RVN

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>
AD8J * p , r *	SOHP	NC	184	91	78	42,900	SOUTH EAST CONTEST CLUB	
W0BH * r *	SOHP	KS	133	99	81	37,584		
KA6BIM * r *	SOHP	OR	156	68	78	34,944	NORTHERN CALIFORNIA CONTEST CLUB	
K0TRL * r *	SOHP	KS	105	88	80	30,880	KANSAS CITY CONTEST CLUB	
W3LL	SOHP	MD	137	60	76	29,944	POTOMAC VALLEY RADIO CLUB	
NE8P	SOHP	FL	127	53	76	27,360	FLORIDA CONTEST GROUP	
K3WJV	SOHP	PA	131	73	59	24,072	FRANKFORD RADIO CLUB	
W0ELT	SOHP	WI	106	69	67	23,450		
W1XX	SOHP	RI	80	84	61	20,008	CTRI CONTEST GROUP	
AA3R	SOHP	DE	95	66	60	19,320	FRANKFORD RADIO CLUB	
N2MF	SOHP	NY	115	38	56	17,136	NIAGARA FRONTIER RADIOSPORT	
N7EPD	SOHP	WA	101	34	63	17,010	WESTERN WASHINGTON DX CLUB	
WA2JQK	SOHP	NY	50	56	57	12,084	HUDSON VALLEY CONTESTERS AND DXERS	
K3DNE	SOHP	SC	44	70	52	11,856	SWAMP FOX CONTEST GROUP	
W9DC	SOHP	SC	36	56	55	10,120		
KQ9J	SOHP	WI	35	71	47	9,964		
N5EKO	SOHP	TX	49	27	58	8,816	TEXAS DX SOCIETY	
N8HO	SOHP	OH	38	33	51	7,242		
W1SSN	SOHP	CT	45	23	51	6,936		
NF3R	SOHP	PA	66	25	37	6,734	FRANKFORD RADIO CLUB	
K5CM	SOHP	OK	68	4	39	5,616		
N5KW	SOHP	OK	64	5	38	5,244		
N9MS	SOHP	NC	45	13	40	4,640		
AA0FO	SOHP	KS	44	19	36	4,536	KANSAS CITY CONTEST CLUB	
W2CN	SOHP	NJ	25	37	34	4,216	SOUTH JERSEY DX ASSOCIATION	
N3KN	SOHP	VA	33	22	34	3,740	POTOMAC VALLEY RADIO CLUB	
AA4TI	SOHP	FL	23	17	30	2,400	FLORIDA CONTEST GROUP	
WB4HRL	SOHP	SC	26	1	20	1,080	SWAMP FOX CONTEST GROUP	
K2RET	SOHP	NJ	8	13	18	756	FRANKFORD RADIO CLUB	
W2GR	SOHP	NY	15	7	17	748	NIAGARA FRONTIER RADIOSPORT	
WX8C	SOHP	MI	13	2	14	420		
WA5LXS	SOHP	TX	11	5	13	416	DFW CONTEST GROUP	
KC3KRZ	SOHP	PA	4	6	10	200		
NG2G	SOHP	WA	1	4	5	50		
N4MM	SOHP	VA	2	2	4	32		

Results (cont...)

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>
LY5W * c *	UNLIMITED	DX	98	24	62	15,128		
DL3GA	UNLIMITED	DX	78	2	43	6,880		
OM2VL	UNLIMITED	DX	43	12	43	4,730	SLOVAK CONTEST GROUP	
F8PDR	UNLIMITED	DX	40	3	33	2,838		
LA8OM	UNLIMITED	DX	39	0	31	2,418		
SP4JWR	UNLIMITED	DX	10	0	9	180		
SP6JOE	UNLIMITED	DX	9	0	5	90	SP DX CLUB	
ON6MAT	UNLIMITED	DX	0	6	6	72		

* **p** * - Indicates Plaque Winner

* **r** * - Indicates Wild Rice Gift

* **c** * - Indicates Certificate Winner (Individual high scoring states, provinces, and countries winning certificates are not shown.)

Checklog

<u>Call</u>	<u>Category</u>	<u>St./Prv</u>	<u>County</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
AB5XM	CHECKLOG	TX		5	0	5	50		
K6NIA	CHECKLOG	CA		2	0	2	8		
N3UP	CHECKLOG	PA		0	1	1	2		

Club Competition

This year was an introduction of adding a club competition to the State QSO Party Challenge.

(See <https://stateqsoparty.com>)

As the sponsoring club for MNQP, we have encouraged Minnesota stations to select their local clubs vs. Minnesota Wireless Association for listing in the results. Because of this new club competition, we are not listing club ranking this year, other than to recognize the top non-MN clubs for their participation and effort. All participants clubs are still shown in the line scores (Except MN Wireless Assn.). 107 different clubs were represented in total.

Club	Score	# Entries
SOCIETY OF MIDWEST CONTESTERS	134082	12
POTOMAC VALLEY RADIO CLUB	126860	13
FRANKFORD RADIO CLUB	85980	11
SWAMP FOX CONTEST	70220	12

Soapbox

AE0EE

27 counties, K0BBC did a great job with the driving.

KA0PQW

Fun contest had a great time running stations didn't get much on 10 but sure had fun.

KC0MKS

Fantastic! Not my best, but close. The new radio worked great, and so did the repaired 3L SteppIR, after 5 trips up the tower this past spring/summer/fall... The December 2023 ice storm wreaked havoc on the tower. Best band was 40m early and late. And as per usual, 20m was clogged then died, so not many there. Surprisingly a good amount on 15m. Got a some on 10m. mobile in the UK, G4ZOI/M. Worked a while to get that one in the log, but it was worth it. Later that day he sent me a video of our QSO! Weird hearing my voice as it sounds in England... Had another 15m QSO from a gent in Spain who had a very thick accent. Spent a bit of time working him into the log also. Looking forward to next year!

KE0YBL

Thanks to all who sought us out!

KE0WPA

Very fun contest, even got two CW contacts.

AC0DH

Great conditions this year.

KE0TT

5 watts from GOO and WAB counties, and 100 watts from OLM. Good conditions, big signals, enjoyed the contest!

NY0V

I only had the morning available. But it was still fun to see the bands open up nicely. 10 meters opened up to the west with very strong signals. The Chatfield Chillfest has moved its celebration from the last week of January to the first week of February, creating some dissonance with both MNQP and C.F.

K0VH

Usually snow birding down south, doing that later. Fun contest even using HOA based vertical (helps to be "the fox").

W1KDA

Bands did not seem to be overly good here in the northeast but all time on the radio is good time and Minnesota always does a good job!

K0MJS

40 & 80 meters were great.

N7QJP

When I started shutting things down at the end of the contest, I realized I had not turned on my shack power supply. I'd been on battery backup for the previous 12 hours. So did the MN QSO Party using only battery power and solar panels....on a cloudy day no less. Still had half of my battery capacity left.

KC0KYN

QRP 5W, Home QTH, MN QSO Party, KX2, PackTenna 29' Random Wire, in the ice shack on the deck with the heater.

WF0B

Operated from Upper Sioux Agency State Park (K-2527) for the QSO Party. The park will cease operation as a state park on Feb. 16 2024, so I was getting some Q's in the log. It was colder than anticipated, and I went through all my little propane tanks with the heater in the tent I set up and ended up QRT earlier than I would have liked to. But I had a lot of fun - especially activating Yellow Medicine for so many others!

WA1SAY

Thanks for QSO party.

K2WPM

Operated portable in NY, Thanks for great party.

K0LD

Murphy (A.K.A. Microsoft) had a big impact this year. Windows exception errors requiring a complete reboot left some good pile-ups scratching their heads no doubt. Next year will be a modern era laptop. Thanks for all the Q's!

K2MN

Used an indoor fan dipole and 80 watts.

W1END

Rig was FTdx101 and Butternut vertical. Conditions were pretty good this year. Even got a couple on ten meters.

NN6U

Couldn't hear MN from my home station due to the noise floor, so hopped onto RHR's CO station. I was originally just going to do a few Qs to count for participation for the State QSO Party challenge, but there were so many MN stations on, I kept it up for an hour. Fun contest!

ND0L

Thanks for playing! It was a lot of fun! In the 90 minutes I was able to devote, I found some bad ergonomics in the station I need to fix before the WIQP next month.

WQ6X

This is WQ6X's 1st MNQP running QRP. While playing around in other radiosport Gigs this weekend, I found some time for working the MNQP. While there seemed to be way more MN stations participating this year, the competition was the XE RTTY contest, so I didn't have Lots of MNQP time. I did appreciate the different mobile stations activating counties. Read more about this and other contests at: <http://WQ6X.Blogspot.com>

N0UK

Only had about 20 minutes in total to play today whilst making lunch.

KE4EA

My first MN QSO Party. Fun!

W0CRC

We used a Cushcraft R7 vertical antenna that we normally use. We had high SWR from 40-15 meter bands! Except for the 10 meter band. Also 2 of our regular operators were out sick. We will be looking forward to next year's MN QSO Party.

SP6JOE

100 W,3 ele Yagi at 10 m

AF4NM

These were at a POTA near my home in Park k-2966 in Pickett County TN.

AB5XM

Thanks for sponsoring the contest and to all who worked me. Enjoyed it!

W8RU

The activity level on 20m was high. Sorry I didn't have more time. Thanks for the QSOs and 73!