



Results – 2015 Minnesota QSO Party

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17th Annual MNQP

Due to some incredible article contributions, my comments here on page 1 will be brief. First and foremost is “thanks” to all of the participants.

Our participation level this year was virtually the same as last year, but the good news is we had many new first time participants who sent us logs this year.

Two articles this year certainly describe the joy of operating in this hobby. Unfortunately, one of these brings a bit of sad news as well.

We certainly hope to see you all in next year’s event, and thanks again for your participation.

73’s Mark WA0MHJ

MNQP Results:

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Log checking enters a new era thanks to ADØDX

editor - This year I was approached by Ron – ADØDX who indicated he was working on a log checking program which may be adapted to MNQP. We took up Ron on his offer, and have run the logs through both Ron's program, and the existing methods. With either method there is some amount of manual intervention, but with Ron's program, about 20 hours of effort are reduced to about 15 seconds of processing. It was hard to ignore Ron's offer!

During one QSO party (Texas) Bob suggested to Ron that there was a need for QSO Party logging software. There were programs for logging other contests, but no one seemed to want to focus on 'smaller' QSO parties.

Plus, with the constantly changing rules for QSO parties writing software for them is a lot of work.

Ron took up the challenge and wrote a C# program for scoring the KSQP a few years back. Then on a business trip to India Ron decided to write a

new program in C++ called QsoPartyLogChecker using parallel programming techniques because in his day job (writing refinery simulations) Ron was learning about parallel processing. Parallel processing is a perfect fit for scoring QSO party log files because some of the steps (like reading in all the log files and writing report files) are perfect for parallel processing. This new program is driven by text files so that it can be customized to different QSO parties, such as

county abbreviations, award categories, etc. So far the program has been used to score the KSQP, MOQP and now the Minnesota QSO Party. The new program seems to work well and can process (check county names, check for duplicates, check for QSO's in other log files, and even check for call sign logging errors) in 200+ log files in a few seconds on a modern quad core laptop. The program is also running on a Windows tablet and processes 150 logs in 20 seconds. Not bad for a tablet!

Ron ADØDX was first licensed as VE3IIR in 1976 as a teenager.

Ron enjoys working DX and after a long break for school and family returned to ham radio about 5 years ago. Ron entered the KSQP as a mobile along with Bob K1BBR and got bit by the contesting bug. That first mobile contest sent all CW using a keyer and made around 300 QSO's. It was a lot of work and a lot of fun.

Since then Ron has been in the KSQP, MOQP, IAQP, and even the MNQP a few years ago with Bob WØBH.

Ron has gone on a number of QSO parties mobile with Bob WØBH and has learned a lot from Bob.

Below is the NØIJ mobile team working the pile-ups down in Mill Lacs county on the frozen lake of the same name. In the distance you can see the many fish houses dotting the lake



The Kylee Chronicles: A Youngster's Adventure in the 2015 MNQP



My daughter Kylee has demonstrated an interest in amateur radio since she was old enough to sit at the operating desk with me. At the young age of 18 months, she enjoyed sitting beside me as I worked DX or contested. Typically I wear a headset with a boom microphone, so I put in a splitter to allow her to have her own little pink toy headset. This eventually progressed to occasionally abandoning the headsets and using a hand-held microphone to facilitate Kylee saying "hi" to the ops during casual operating.

When Kylee was about 5 years old, we got on the air in the School Club Round-Up and she made several contacts herself, start to finish. She learned very quickly to run the "push-to-talk" button on the mic by herself. (We had done some practicing off-air.) Of course I coached her on the proper exchange and the correct phonetics to use. She really seemed to enjoy making contacts and was thrilled when stations would reply to her call and ask her age. Interestingly, she never exhibited the least bit of "mic fright". I sent QSL cards out for her contacts and she enjoyed getting cards back in response.

In the last few years I have become very active in Summits on the Air (SOTA), initially as a "chaser" working operators perched on summits across the US and in Europe while running typically QRP power levels. I planned to eventually "activate" some summits myself, combining the love of hiking in the mountains that my wife, Amy, and I share, with QRP portable operating. In 2012, on a family vacation in northwest Wyoming, I operated from a couple peaks in the Tetons and one in Yellowstone. I used an FT817 running on battery power and a dipole antenna supported by a telescoping fiberglass mast.

Amy and Kylee would check out the views or rock-hunt a little while I spent about 45-60 minutes operating. Kylee also served as a very exuberant ambassador of amateur radio to the other hikers on the summits. The antenna attracted attention and generated questions such as "what is this?" or "what is he doing?" while I was engrossed in working stations contest style. Kylee would answer for me, saying "this is ham radio". Soon she was announcing that fact to everybody arriving at the summits, whether they were wanted to know or not!

In the summer of 2014, after I had purchased a new Yaesu FTdx3000 for my station, I set up my old FT897D transceiver in Kylee's "toy room" and rigged up a dedicated dipole antenna and tuner. She can do some listening, learning how to handle a rig and practice tuning in SSB signals whenever she wants, whether I'm around or not. She doesn't get a microphone!



I have been a pretty active contester for many years, running exclusively QRP, and have participated in most of the major contests. I've been fortunate enough to experience a reasonable degree of success and have my share of certificates and plaques. In the fall of 2014, when Kylee was seven years old, it occurred to me that I was missing a lot of family time with my contesting, so I decided to re-prioritize things a bit. I completely skipped the 2014 CQP, SS, and CQ WW contests. In the days leading up to the ARRL 10 Meter Contest I decided I'd let Kylee do the operating with my assistance in tuning and logging. We only operated a couple hours, but she had a blast (and so did I)! We operated in the ARRL's Kid's Day Activity and she really enjoyed talking to other young people, but none were as young as she is. She also did a little casual operating including DXing in January, 2015.

Leading up to the 2015 MNQP, I realized that I was not going to have time to put in much of an effort. But it occurred to me that Kylee would enjoy operating, and as opposed to the previous contests in which she had operated "search and pounce" (S&P), she should be able to generate some runs. So that was the plan.

We started our MNQP activity shortly on 20 meters. I found a relatively clear spot, checked the frequency to make sure it wasn't busy, then handed the microphone to Kylee to start calling CQ. Initially she used the script I wrote for her including the phonetics for her name and NOB (for Nobles County). She already had the phonetics for ND0C memorized long ago. After a few QSOs, she was off and running and didn't need to refer to the "cheat sheet".



Kylee was so relaxed and comfortable that at times I noticed she was slouched way down in her chair. She definitely wasn't up-tight! Shortly after we started, one of our cats jumped up in her chair and curled up beside her. At times I noticed her petting the cat while she was working stations.

Several operators, recognizing Kylee's obviously youthful voice, would ask her age and took the time to give her compliments like: "you're doing a great job". That was very sweet and she would just beam when she heard those comments.

One of the things I like about the MNQP is the friendly aspect of the contacts. This was certainly exemplified by the operators that called Kylee. Some operators remarked that she had a good voice for radio and I guess she does project and enunciate well - most of the time!

Danny, K7SS, and Jules, N2WN, both of whom I've worked many times in domestic contests over the years, chatted with her a bit, as did many others. When WA1UFO gave his name as Hans, Kylee told him "I only know one other Hans, and he was a bad guy in "Frozen" (her favorite movie), but I'm sure you're not a bad guy!" It's amazing the way the mind of a seven-year old works and what comes out of her mouth!

Kylee had a fairly constant stream of callers, usually just one or two at a time. But occasionally she had several calling at once and I would help her pull partial call signs out of the mini-pile-ups. I was pleased with how well she was being heard, despite running only 5 watts. It could be that the voice of a young girl seemingly adds a few dB to the signal!

The log shows that Kylee had a total operating time of only one hour and ten minutes, but she was able to make 33 QSOs with stations in 19 states and 2 Canadian provinces. The rate of one QSO every 2 minutes or so definitely kept her engaged! The

focus on 20 and 15 meters allowed us to make semi-rare Nobles County available to out-of-state stations, and was easier going than it would have been on 40 meters.

Following the MNQP, we sent QSL cards to the stations Kylee worked. We included an SASE along with a photo of her operating the station and the following note from Kylee:

Hi!
**My name is Kylee and I'm 7 years old. I operated my
 dad's station, ND0C, in the Minnesota QSO Party and
 had a lot of fun!**

**Thanks for our contact in the MNQP! I hope
 to get my license soon so I can operate on my own.**

**73,
 Kylee (and Randy), ND0C**

The response with returned QSLs was very impressive, both in the number (23 out of 33) as well as the kind compliments written to Kylee. She now has her own collection of QSLs and enjoys looking through them. Here is just a sampling of the comments on the cards she received for the MNQP contacts:

Kylee, A pleasure and treat to QSO you – Gene, N1CKQ

Hello Kylee! You were doing a great job in the MN QSO Party. I enjoyed meeting you. – Hans, WA1UFO.

I remember talking with you and you were doing a great job! I got my license at 14. Twice your age! – Jay, KA3JLW

Kylee, Thanks for the contact and nice QSL card. You are doing a fine job with 5 watts out! You have a good radio voice. Hope to work you again, maybe with your own call. Good luck! - Richard, WB4LLV

Hi Kylee, Thank you for the contact, QSL, and beautiful photo. I hope to contact you again in the future, perhaps when you have your own callsign.... Keep up the good work. You are already a good radio operator. – Richard, W4LN

Hello to Kylee. Nice to talk to you.... Keep going – you are doing a good job. Have fun! Hello to your dad! – Brian, KI6MPY

Kylee – Congratulations on a super job operating ND0C in the QSO Party! Looking forward to a contact with you when you get your own callsign! – Danny, K7SS

Hi Kylee, You seemed to be enjoying the QSO Party. Good luck on your license exam! – Jeff, N8II

Thanks for the QSO Kylee! You have a very fine radio voice. Your 5w signal was fantastic into Michigan. Keep up the good radio work! – John, KD8RUC

Thank you Kylee, for the nice contact in the MN QSO Party. You did a very professional job of operating the radio! – Patty, AC0CU

Shortly after the contest, I received a nice e-mail from Larry, W0PAN: I was blown away with how great a phone op she is at age 7! She handled the pile up beautifully and got the calls with ease. In my 62 years in HR I have been there done that in most aspects of the hobby, including Dakota Division Director in the 70's when I lived in Bloomington; working her was a highlight.... It is a thrill to see the young people get interested in HR - keep that spark going....

I'm not sure who enjoyed the MNQP more, Kylee or me. But we both look forward to doing more operating together and the ultimate goal is for her to get her license of course. But then we'll have to battle for who gets to use the station!

Randy – ND0C

MNQP participant John Anderson AF9T . . sk . . 25-Feb-2015

ed. - We are sad to report the loss of a long time MNQP (and WIQP) participant - John- AF9T. You will see John's score listed in the SOLP category just behind winner N2CU in this year's results. Below is a bit about John shared from some of his fellow testers NØIM, and NØIJ. Thanks!

The northern group of the Minnesota Wireless Association has lost one of its fiercest and exceptional competitors with the passing of John Anderson, AF9T, just recently. John suffered from a variety of medical issues, but none of us thought he was in that level of danger. He lived in Superior and entered with his pal, Dick, NØIM in multiple MNQP and WIQP as a mobile--winning the mobile competition at least once in each state. He was also a key player in the NØIJ multi op station as well as earlier in the KRØB station here in Duluth. John was a true friend to me and supplied a lot of expertise, time, and some equipment in the building of the NØIJ station in Douglas County. In the past couple of years, when Dick and John couldn't go mobiling together, he either did some solo mobile work or did a fixed station entry from Wisconsin.

In this year's MNQP, I worked him 26 times from my 24 county mobile operation, and as can be seen from the write up, he did very well, even though he was too close to work anyone but the locals on 20.

Stories of John's wit abound with those he operated. One time while running in a phone contest, he became particularly irritated at a number of tuner uppers on his run frequency. He suddenly announced, "I am calling into session, the international tuner upper net, and we're going to go by call areas! OK, call area one--

go" Legions of heterodynes commenced, "next we'll take call area two". More heterodynes. Ok, now threes. Again: the same.

John broke in--"Hold on there, I heard a four in there--only threes!!" With that he commenced calling CQ, and the frequency was filled with VOX-tripping chuckling. Dick remembers John laughing so hard he just about drove off the road, a story John loved to retell,

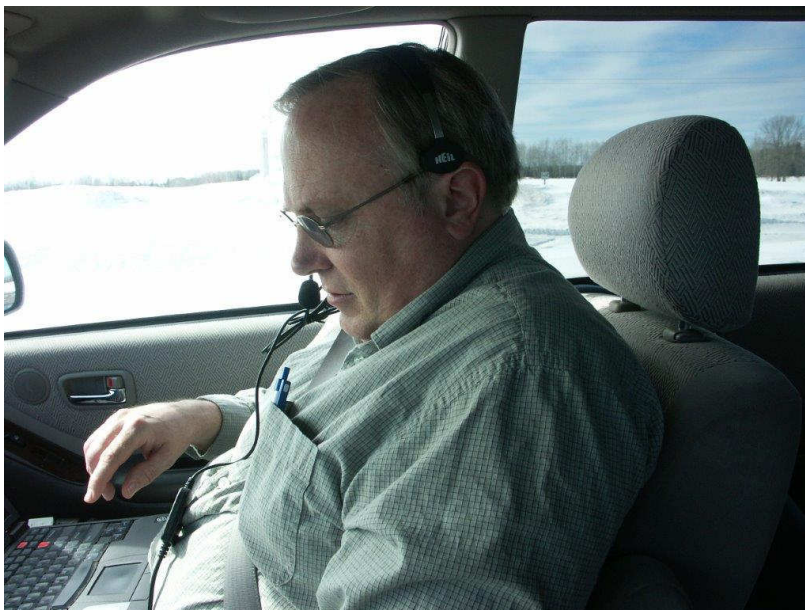
They were in the WIQP in Ashland County (ASH), over some of Wisconsin's worst roads. Dick was trying to send ASH, and for the life of him, he couldn't get that "4 dit H", it

kept coming out ASS. John finally stopped the car and had him send it right!

For many years John and I finished up our multi-two efforts in CQ and ARRL DX working with the same feverish pitch on both rigs to maximize the score, and it was truly the highlight for me. I will truly miss that.

John's passing at only 54 years old is a real tragedy and he will be missed by all his Duluth friends and all of MWA."

Here is John AF9T on one of his past mobile QSO Party adventures.....



Profile – Tom Williams N2CU

ed.- If you have ever operated MNQP from within MN, then you most certainly have worked Tom – N2CU. If you work other QSO parties, then you will often be in there calling along with Tom.

I was licensed in 1972 as WN2FNS and quickly took to DX'ing and contesting. Back in those days you took your FCC exams at the Federal Building in Downtown Buffalo. I can still remember my Dad dropping me off there on his way to work so I could take the General exam. Coming home was no joy as I failed the written exam that day. I guess I didn't prepare as well as I thought. No problem, as soon as I was eligible to try again, I did and passed. My upgraded call sign was WB2FNS which I held until 1976 when two letter call signs became available and I requested N2CU. I got married in 1982 and bought my first home in 1985. It was a real fixer-upper that consumed all of my spare time. Unfortunately, ham radio took a back seat for the next 12 years and I was off the air almost the entire period. After being in our new (and present) home for a year, I put up a GAP Challenger vertical, fired up the TS-820S and got back on the air with a vengeance. The tower and tri-bander went up the

following year and I tried to participate in almost every contest I could, much to the chagrin of my better half. I'm not sure when I first participated in the MNQP, but I received my first win in 2000. This QSO party was a lot of fun and I enjoyed chasing the mobiles around various counties. It probably helped that propagation between Western NY and Minnesota was pretty good on all bands. I made operating the MNQP one

event I tried to do every year. Unfortunately, it didn't always work out that way. However, I did follow up with wins in 2002, 2004, 2005, 2006, 2007, 2010, 2011, 2012 and 2014. All those nice plaques are featured prominently on my shack wall. I made a lot of new friends in Minnesota and it's always a pleasure to say hello to the friendly people there. The MNQP continues to be my favorite QSO party and the MWA

sure has a great bunch of guys. I almost forgot to mention that the MN mobiles have inspired me to give it a try myself. I have been operating the NY and PA QSO parties the past three or so years as a mobile, and I can sure understand why you guys brave the cold weather (most of the time) to get out there - it's a blast!

Tom – N2CU

Below is Tom – N2CU at his operating position. All of the plaques you see to the right of the world map are Minnesota QSO Party awards.



KBØR - QRP from Florida

We had been on the road away from Minnesota for five months. I missed hearing the calls of my friends back home. This was going to be my big opportunity to say hi to every ham I knew in Minnesota. Isn't every ham in Minnesota supposed to be on the air for the QSO Party? I was pleased to find several old friends in the MNQP who took a moment to say hi.

We are now back in Minnesota for the summer parked at the Rum River Campground, just south of Onamia. I'm now looking for a close by club to do Field Day with. As an avid QRP'er, for my retirement and our full time RVing; I bought the Elecraft KX3. (The best QRP rig available.) Last year we both retired, sold the house, and hit the road in a 36 foot travel trailer. The winter of 2013-2014 was enough to

convince even me that going south for the winters sounded pretty good.

Three months in Florida proved me right.

So that is why I ended up trying the Minnesota QSO Party from Florida.

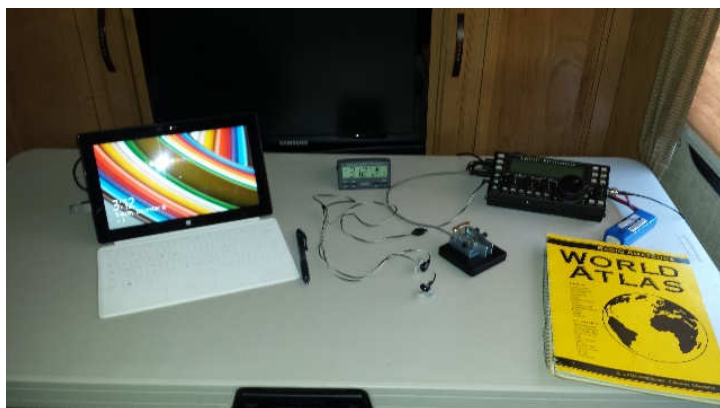
I didn't think propagation was great, working mostly 20m CW. I was pleased that I could work almost everyone I heard.

The mast is a 32 foot telescoping fiberglass pole that I string a wire up the middle and feed at the bottom with a 4:1 or 1:1 Balun with coax into the back of the trailer, using the aluminum frame of the trailer as a counterpoise. The KX3 internal tuner gets me on all bands.

73's & CU on the bands.

Larry -KBØR

Note: Visit www.qrz.com/KBØR/ for more info, and Larry's RV travels blog.



To the left is Larry's simple but effective operating position, and above is the antenna in place for operating.



2015 MINNESOTA QSO PARTY - RESULTS

MINNESOTA STATIONS

Mobile-Single XMTR

<u>Call</u>	<u>Category</u>	<u>Section</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	27	0	1472	62	182528		
NE9U	MOBILE	MN	26	968	113	73	157826	CWRA	NE9U, KK9K
K0PC	MOBILE	MN	18	956	0	65	124280	TCDXA	
N0EO	MOBILE	MN	15	697	114	76	123120	NMDXA	AA0AW
N0UJ	MOBILE	MN	24	911	0	59	107498		
KC0DMF	MOBILE	MN	19	0	599	85	101830		KC0DMF, N0SFF
W0AA	MOBILE	MN	17	718	0	59	84724	TCDXA	
W9FZ	MOBILE	MN	8	0	288	68	39168	Northern Lights Radio Society	KA9VVQ, W9FZ
W0ZZY	MOBILE	MN	14	0	352	54	38016		KC0LMX
NU0W	MOBILE	MN	10	0	245	64	31360	NU0W, KC0MKS	
K0BBC	MOBILE	MN	22	0	257	56	28784		K0BBC, W0ZF

Rover

W0ZQ *	ROVER	MN	11	673	233	71	128652	Northern Lights Radio Society	
K0ARF	ROVER	MN	5	15	261	83	45816	K0ARF	K0SV, N0UV
AC0W	ROVER	MN	8	346	19	59	43070		
KE0G	ROVER	MN	3	210	0	71	29820		

Multi-OP

W0MR *	MULTI	MN	WSH	117	273	120	93600	Mining ARC	K0RJW, K9NJ, WB0ENX, N0PEY, KD0CAC, WA0RKE, WB0VHF
W1N	MULTI	MN	WIN	0	289	100	57800	WINONA ARC	KB0YJU, KC9IWE, KC0RSX, KD0YOB, KD0YSY, KF0Q, W0IH, WB0NIU, WK0W
N0I	MULTI	MN	ITA	35	209	90	43920	Northwoods Amateur Radio Group	W6GMT, N0KKT, KD0HRO
WD0K	MULTI	MN	RAM	8	74	55	9020		WD0K, WB5EMX
KOYD	MULTI	MN	HEN	1	37	29	2204	Minnetonka Radio Club	KC0ITP, AJ0O
NDOC	MULTI	MN	NOB	0	33	21	1386		NDOC, Kylee

Single OP - QRP

WA0MN *	QRP	MN	STE	237	168	117	94770		
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Single OP - Low Power

<u>Call</u>	<u>Category</u>	<u>Section</u>	<u>County</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
K0FVF *	SOLP	MN	WSH	295	259	132	146256	F.O.R.C.E	K0TI
NY0V	SOLP	MN	FIL	191	225	114	94848		
KX0A	SOLP	MN	WSH	193	239	101	87264		K9DU
K0AD	SOLP	MN	HEN	243	151	108	85104		
K0RC	SOLP	MN	CHS	252	97	105	73290		
KC0INP	SOLP	MN	RAM	225	102	99	64746	St. Paul Radio Club	
AE0EE	SOLP	MN	LES	193	106	102	60996		
N0AT	SOLP	MN	HEN	205	67	108	58752		
WB0CFF	SOLP	MN	SCO	290	0	94	54520	SMARTS	
K0TG	SOLP	MN	RAM	229	19	98	48608	F.O.R.C.E	
K0MPH	SOLP	MN	HEN	209	53	92	48208		
W9LHG	SOLP	MN	RAM	216	9	94	42300		
W0ERP	SOLP	MN	WSH	167	71	86	40936	F.O.R.C.E	
K3WT	SOLP	MN	DAK	230	0	79	36340		
KE4KE	SOLP	MN	SHE	10	181	82	31324		
N0OK	SOLP	MN	MIL	32	145	87	30798		
N0IM	SOLP	MN	STL	130	47	81	28674	NMDXA	
N0BUI	SOLP	MN	WIN	86	87	80	27680		
K0GW	SOLP	MN	WSH	94	74	80	26880	Stillwater Amateur Radio Association	
W0PI	SOLP	MN	BEC	99	74	77	26642		
N0UY	SOLP	MN	PEN	117	0	73	17082		
NR0T	SOLP	MN	HEN	54	75	63	16254	Peruvian American Radio Club	
K0TK	SOLP	MN	RAM	77	36	71	16046	Tw in City FM Club	
K0TC	SOLP	MN	RAM	117	0	66	15444		
K0QMU	SOLP	MN	HEN	34	63	61	11834		
WA0KNP	SOLP	MN	LAC	27	71	59	11564	West Central MN ARC	
K0VG	SOLP	MN	BEC	30	73	55	11330	TCDXA	
KA0CSW	SOLP	MN	MEE	61	21	47	7708	Meeker County ARC	
NG0R	SOLP	MN	MEE	69	8	49	7546	Meeker County ARC	
WG0M	SOLP	MN	HEN	73	4	44	6776	TCDXA	
AA0MN	SOLP	MN	HEN	25	42	43	5762	MN Amateur Radio Technical Society	
NG0E	SOLP	MN	COT	71	0	28	3976		all digital
WB0N	SOLP	MN	HEN	40	0	40	3200		
K0PK	SOLP	MN	STL	31	0	23	1426		
KC0RET	SOLP	MN	HEN	16	10	24	1248		
WA0MHJ	SOLP	MN	ANO	21	0	17	714	TCDXA	

Single OP - PHONE ONLY

<u>Call</u>	<u>Category</u>	<u>Section</u>	<u>County</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
KI0F *	SOPH	MN	WAB	0	512	103	105472		
K0YR	SOPH	MN	PIN	0	401	102	81804		
N0RPI	SOPH	MN	WSC	0	382	101	77164		
N0ECK	SOPH	MN	LYO	0	351	106	74412		ARES
N0XT	SOPH	MN	ANO	0	308	99	60984		
NA0T	SOPH	MN	HEN	0	322	87	56028	Runestone Amateur Radio Club	
K0VH	SOPH	MN	OLM	0	316	85	53720		
KC0JFY	SOPH	MN	MEE	0	250	82	41000	MEEKER COUNTY ARC	
KD8HAM	SOPH	MN	BEC	0	245	83	40670		
NX0P	SOPH	MN	FRE	0	222	77	34188		
KG0DX	SOPH	MN	STR	0	205	81	33210	Runestone Amateur Radio Club	
KC9CRM	SOPH	MN	STV	0	160	80	25600		
AD0DB	SOPH	MN	SCO	0	175	68	23800		
KB0BK	SOPH	MN	ITA	0	142	81	23004		
N0MR	SOPH	MN	LAK	0	129	73	18834		
KC0RIS	SOPH	MN	CRV	0	139	65	18070	SMARTS	
N0VRM	SOPH	MN	STL	0	146	61	17812		
K0MJS	SOPH	MN	SHE	0	130	65	16900		
KB0LYL	SOPH	MN	GOO	0	119	59	14042		
WA0LJM	SOPH	MN	CLE	0	105	65	13650	Detroit Lakes ARC	
W0JLF	SOPH	MN	ISA	0	100	66	13200	ECMARC	
KC0VFP	SOPH	MN	ANO	0	108	53	11448		
WA0EBZ	SOPH	MN	TOD	0	107	53	11342	Runestone Amateur Radio Club	
AD0HJ	SOPH	MN	CRO	0	94	56	10528		
KB0FXK	SOPH	MN	CRV	0	99	53	10494	SMARTS	
W0NFE	SOPH	MN	SCO	0	91	56	10192	SMARTS	
WK0X	SOPH	MN	RAM	0	87	55	9570	South East Metro ARC	
KA0ZLG	SOPH	MN	CLA	0	66	39	5148		
KC0QED	SOPH	MN	LAC	0	58	41	4756	West Central MN ARC	
K0TLG	SOPH	MN	HEN	0	48	35	3360		
N0PLC	SOPH	MN	JAC	0	44	32	2816		
W0IKE	SOPH	MN	GOO	0	44	31	2728		
KA8HDE	SOPH	MN	ANO	0	34	27	1836	MN Amateur Radio Technical Society	

WVE STATIONS

Single OP - Low Power

<u>Call</u>	<u>Category</u>	<u>Section</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
N2CU ***	SOLP	NY	219	106	86	55900	NORTH COAST CONTESTERS	
AF9T *	SOLP	WI	154	73	83	37682		
NT2A **	SOLP	NY	127	74	81	32562		
KC0DEB ***	SOLP	KS	93	90	79	28914	Kansas City Contest Club	
N9JF ***	SOLP	IL	118	60	72	25632	Society of Midw est Contesters	
NU0Q ***	SOLP	IA	135	0	78	21060	low a DX and Contest Club	
K0HNC **	SOLP	KS	104	33	74	20276		
VE7JH ***	SOLP	BC	50	53	62	12772	ORCA DX and Contest Club	
W1DWA ***	SOLP	MA	65	29	63	11844		
K9BTQ **	SOLP	WI	59	50	50	10900	West Allis RAC	
KQ3F *	SOLP	PA	88	4	52	9568		
KN4Y	SOLP	FL	95	0	50	9500	SPORTSMAN'S PARADISE ARC	
N2CQ *	SOLP	NJ	70	17	50	8700		
W2CVW	SOLP	MA	79	0	50	7900		
N3KR	SOLP	PA	68	0	46	6256	Frankford Radio Club	
VA3ATT	SOLP	ON	65	0	47	6110	Contest Club Ontario	
WO9B	SOLP	WI	26	41	43	5762	WEST ALLIS RAC	
VE3CRU	SOLP	ON	13	46	46	5428		
KE0L	SOLP	IL	8	61	39	5382	Society of Midw est Contesters	
K2QB	SOLP	NY	59	0	42	4956	Niagara Frontier Radiosport	
W1END *	SOLP	NH	59	0	39	4602	Yankee Clipper Contest Club	
AK7O *	SOLP	UT	53	0	38	4028	Utah DX Association	
WM1K	SOLP	MA	17	21	35	2660	Yankee Clipper Contest Club	
AD5WI	SOLP	AR	46	0	27	2484		
K7ZYV *	SOLP	MS	36	0	32	2304		
WA9LEY	SOLP	IL	26	11	27	1998	Metro DX Club	
KB6NU *	SOLP	MI	21	13	29	1972	ARROW Communications Assn	
K4ZGB *	SOLP	AL	29	6	28	1960	Alabama contest Group	
K7PGL *	SOLP	SD	9	25	27	1836		
KJ4IWZ	SOLP	TN	30	3	26	1716		
W7GF *	SOLP	OR	31	0	24	1488		
N8FYL	SOLP	MI	10	16	25	1300	L'Anse Creuse Amateur Radio Club	
K9PG	SOLP	IL	18	11	22	1276	Society Of Midw est Contesters	
K10I	SOLP	MO	22	0	17	748		
W10WA	SOLP	IA	22	0	17	748	low a DX and Contest Club	N0AC
N9CO	SOLP	IL	18	0	13	468	Society of Midw est Contesters	
W4BK	SOLP	TN	16	0	14	448	Tennessee Contest Group	
K1QO	SOLP	NH	14	0	11	308	YANKEE CLIPPER CONTEST CLUB	
K2AL	SOLP	NJ	1	10	11	242		
N4ARO	SOLP	TN	10	0	10	200	TENNESSEE CONTEST GROUP	
WA3SOR	SOLP	PA	1	7	8	128		
W4ZPR	SOLP	VA	8	0	6	96	USS Wisconsin Radio Club	
VE9ML *	SOLP	NB	2	4	6	72	Maritime contest club	
A13G *	SOLP	DE	1	3	3	24		
NX4N	SOLP	FL	4	0	3	24	Florida Contest Group	

Single OP - QRP

<u>Call</u>	<u>Category</u>	<u>Section</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
N2WN ***	QRP	TN	164	75	85	40630	Tennessee Contest Group	
KB0R	QRP	FL	33	0	24	1584	Minnesota Amateur Technical Society	
N8XX	QRP	MI	21	5	21	1092	Mad River Radio Club	
WA8ZBT	QRP	TX	10	0	10	200	DFW Contest Group	
N8OCJ *	QRP	OH	0	11	9	198		
ND9E	QRP	IL	0	11	9	198		
VE3DTI	QRP	ON	5	0	4	40		

Single OP - Phone

<u>Call</u>	<u>Category</u>	<u>Section</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	116	56	12992		
AJ4LN *	SOPH	VA	0	83	58	9628	Sterling Park ARC	
WA9OEC	SOPH	WI	0	79	53	8374		
VA3GKO	SOPH	ON	0	75	49	7350		
NG7O *	SOPH	ID	0	63	49	6174		
W2CJS	SOPH	NJ	0	54	47	5076	Bear Bait Radio Club	
VE4DDW *	SOPH	MB	0	68	37	5032		
KD5ILA *	SOPH	AR	0	58	43	4988		
WA5ZUP *	SOPH	NM	0	57	42	4788		
KA3JLW *	SOPH	MD	0	50	38	3800	Potomac Valley Radio Club	
WA5SWN	SOPH	KS	0	40	30	2400		
WB7CYO	SOPH	ID	0	36	32	2304		
W7KAM	SOPH	MO	0	39	29	2262	Society of Midwest Contesters	
W4LN *	SOPH	NC	0	36	28	2016		
NK0A *	SOPH	ND	0	33	28	1848		
WB8TQZ	SOPH	MI	0	33	25	1650		
N6ENO	SOPH	CA	0	29	26	1508	NORTHERN CALIFORNIA CONTEST CLUB	
W0PAN *	SOPH	AZ	0	22	21	924	Arizona Outlaws Contest Club	
NW5Q	SOPH	TX	0	22	20	880	DFW Contest Group	
W9JET	SOPH	WI	0	21	15	630	SCVRA	
WD4DIY	SOPH	NC	0	17	15	510		
WA4JA	SOPH	TN	0	16	15	480	TENNESSEE CONTEST GROUP	

Single OP - Phone(cont...)

<u>Call</u>	<u>Category</u>	<u>Section</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
VA7ODX	SOPH	BC	0	19	12	456	Orca DX and Contest Club	VA7BEC
N1WRK	SOPH	MA	0	15	14	420		
VE7FCO	SOPH	BC	0	14	14	392	Nanaimo Amateur Radio Association	
KF5WFL	SOPH	TX	0	14	14	392		
VE3TU	SOPH	ON	0	13	12	312	Contest Club Ontario	
N8DKA	SOPH	MI	0	13	11	286		
N9WL	SOPH	NM	0	9	8	144		
KC9UHH	SOPH	WI	0	8	8	128	Society of Midwest Contesters	
VE2GT *	SOPH	QC	0	8	8	128	Contest Group du Quebec	
AB5XM	SOPH	TX	0	7	7	98		
N0ZTO	SOPH	CO	0	6	6	72		
N8DRG	SOPH	OH	0	6	6	72		
N9KPH	SOPH	WI	0	6	6	72	West Allis Radio Amateur Club	
KD8FDK	SOPH	OH	0	6	5	60	PCARS	
KD0CVZ	SOPH	ND	0	6	5	60		
KD2DXJ	SOPH	NJ	0	5	5	50		
W7CH	SOPH	WA	0	4	4	32		
KC9URR	SOPH	IN	0	4	4	32		
K7JKM	SOPH	OR	0	3	3	18		
W1MP	SOPH	VT	0	3	3	18		
A16EG	SOPH	CA	0	3	2	12		
KC9LC	SOPH	VA	0	2	2	8	Potomac Valley Radio Club	
KJ4VTH	SOPH	VA	0	2	2	8	Sterling Park ARC	
K16NGN	SOPH	CA	0	1	1	2		
N3MBH	SOPH	WV	0	1	1	2		
WZ6ZZ	SOPH	CA	0	1	1	2		

Multi - OP

<u>Call</u>	<u>Category</u>	<u>Section</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
W1NVT *	MULTI	VT	0	12	11	264	Radio Amateurs of Northern Vermont	W1SJ, KB1THX, KB1VE, N1CFO, KB1VJD, KB1VJE

Single OP - High Power

<u>Call</u>	<u>Category</u>	<u>Section</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
K9NW ***	SOHP	IN	238	159	87	69078	Mad River Radio Club	
N8II ***	SOHP	WV	164	120	86	48848	Potomac Valey Radio Club	
W0BV ***	SOHP	CO	200	70	84	45360	Grand Mesa Contest Club	
VE3KZ ***	SOHP	ON	165	96	86	44892	Contest Club Ontario	
W7GKF ***	SOHP	WA	144	66	83	34860	Radio Club of Redmond	
WA6KHK ***	SOHP	CA	95	70	80	26400		
K2DSW **	SOHP	IA	89	60	63	18774		
K4FCG ***	SOHP	FL	0	111	57	12654	Florida Contest Group	K1KNQ
K5KG **	SOHP	FL	74	21	53	10070	Florida Contest Group	
W1KMA **	SOHP	RI	0	82	60	9840		
W0BH	SOHP	KS	38	56	51	9588		
K0DEQ *	SOHP	MO	60	22	51	8364	Mississippi Valley DX/Contest Club	
VE3HED	SOHP	ON	0	75	53	7950		
W5ASP *	SOHP	TX	68	0	50	6800		
VE3TW	SOHP	ON	30	40	41	5740	Contest Club Ontario	
KK7XX	SOHP	CA	0	58	46	5336	NCDXC	
N7MZW *	SOHP	WY	0	58	39	4524	Grand Mesa Contesters of Colorado	
K5TIA	SOHP	TX	50	0	39	3900		
W19WI	SOHP	WI	51	0	33	3366	Society of Midwest Contesters	
W2RR	SOHP	NY	53	0	31	3286	Niagara Frontier Radiosport	
WA2VYA	SOHP	TX	48	0	33	3168		
K6DGW	SOHP	CA	40	0	36	2880	Northern California Contest Club	
K3TN	SOHP	MD	40	0	31	2480	Potomac Valley Radio Club	
K0JPL	SOHP	MO	25	12	25	1850	Mississippi Valley DX/Contest Club	
NJ9L	SOHP	NJ	0	31	24	1488	Amateur Radio Society Of South Jersey	
W2UDT	SOHP	NJ	16	14	20	1200	FRANKFORD RADIO CLUB	
W0LSD	SOHP	CO	0	25	22	1100	Grand Mesa Contesters of Colorado	
AB4GG	SOHP	TN	0	16	14	448	Tennessee Contest Group	
N1NN	SOHP	MA	16	0	10	320		
N7EPD	SOHP	WA	10	3	12	312	Pacific Northw est VHF Society	
K6JEB	SOHP	CA	2	3	5	50	Northern California Contest Club	
N5MHM *	SOHP	LA	0	3	3	18	Louisiana contest club	

DX STATIONS

Unlimited

<u>Call</u>	<u>Category</u>	<u>Section</u>	<u>CW</u>	<u>SSB</u>	<u>Mults</u>	<u>Score</u>	<u>Club Affiliation</u>	<u>Operator(s)</u>
OM2VL *	Unlimited	DX	68	37	66	13860	Slovak Contest Group	
HC1WDT	Unlimited	DX	72	5	45	6930		W0OR
DL5AWI	Unlimited	DX	35	0	31	2170		
YV5OIE	Unlimited	DX	4	14	18	648	Radio club venezolano	
F8BFU	Unlimited	DX	6	0	5	60		
OK2EC	Unlimited	DX	6	0	5	60	Czech Contest Club	
SM7CIL	Unlimited	DX	4	0	4	32		

Checklog

WA0RBW	Checklog	MN	HEN	81	0	45	7290	
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*** Indicates Plaque / Certificate & MNQP Prize

** Indicates Prize from MNQP

* Indicates Plaque or Certificate

CLUB COMPETITION

<u>Club Name</u>	<u>#entries</u>	<u>Score</u>
TCDXA	5	227824
F.O.R.C.E	2	187192
Northern Lights Radio Society	2	167820
CWRA	1	157826
Northern MN DX Association	2	151794
Runestone Amateur Radio Club	3	100580
Mining ARC	1	93600
SMARTS	4	93276
Mad River Radio Club	2	70170
St. Paul Radio Club	1	64746
Winona ARC	1	57800
Contest Club Ontario	4	57054
Meeker County ARC	3	56254
North Coast Contesters	1	55900
Potomac Valley Radio Club	4	55136
Grand Mesa Contesters of Colorado	3	50984
F.O.R.C.E.	1	48608
KOARF	1	45816
Northwoods Amateur Radio Group	1	43920

CLUB COMPETITION (cont.)

Tennessee Contest Group	5	42206
Society of Midwest Contesters	7	38514
Radio Club of Redmond	1	34860
Kansas City Contest Club	1	28914
Stillwater Amateur Radio Association	1	26880
Florida Contest Group	3	22748
Low a DX and Contest Club	2	21808
West Allis Radio Amateur Club	3	16734
West Central MN ARC	2	16320
Peruvian American Radio Club	1	16254
Twin City FM Club	1	16046
Slovak Contest Group	1	13860
Detroit Lakes ARC	1	13650
ORCA DX and Contest Club	2	13228
ECMARC	1	13200
Mississippi Valley DX/Contest Club	2	10214
Sterling Park ARC	2	9636
South East Metro ARC	1	9570
SPORTSMAN'S PARADISE ARC	1	9500
MN Amateur Radio Technical Society	3	9182
Niagara Frontier Radiosport	2	8242
Yankee Clipper Contest Club	3	7570
Frankford Radio Club	2	7456
NCDXC	1	5336
Bear Bait Radio Club	1	5076
Northern California Contest Club	3	4438
Utah DX Association	1	4028
Mnnetonka Radio Club	1	2204
Metro DX Club	1	1998
ARROW Communications Assn	1	1972
Alabama Contest Group	1	1960
Amateur Radio Society Of South Jersey	1	1488
L'Anse Creuse Amateur Radio Club	1	1300
DFW Contest Group	2	1080
Arizona Outlaws Contest Club	1	924
Radio Club Venezolano	1	648
SCVRA	1	630
Nanaimo Amateur Radio Association	1	392
Pacific Northwest VHF Society	1	312
Radio Amateurs of Northern Vermont	1	264
Contest Group du Quebec	1	128
USS Wisconsin Radio Club	1	96
Maritime contest club	1	72
Czech Contest Club	1	60
PCARS	1	60
Louisiana contest club	1	18

Soapbox

Family chores first, so, got a late start. Overall, NIL on 15 and 80. 20M seemed to be the best band. Lots of activity. Thanks to all the MN ops and mobiles for showing up! 73, **W2UDT**... Great contest! Good participation from all the rovers and fixed stations. I got a confirmation from N0IJ/M on the last minute of the contest for 80 counties out of 87! Lot of fun. – **WA6KHK**... Thank you all for a great contest!! 73! - **KD8HAM**... Nice low key time! Figured out the mobiles to chase, that's always fun, seemed like more MN activity than last year. I probably amassed maybe 3 hours total, amid chasing SOTA Activators too. Thanks for all the Q's – **K6DGW**... The highlight was working Kylee ND0C. She was calm, cool and collected. I know many adults who get flustered with contest exchanges, she handled it like a trooper. Great job, Kylee! My hat is also off to the K1N team, was worried as they were sitting on 14045 just prior to the contest working up. They were gone, or elsewhere during the contests on 20. Really appreciated that thoughtfulness. As always many thanks to the mobiles for hitting the road to entertain us. My QSO count wa down 6 from last year, mostly on SSB, but added one more county, missed CRL and HOU this time around. Heard CRL, but not HOU. Maybe a sweep next year. A big tip o' the hat to the sponsors, I enjoy the rice and tin as much as anything. Last year's certificate design was lovely too! See everyone down the log. 73, - Julius **N2WN**... Only had a few minutes to operate and picked up 4 counties - **KJ4VTH**... My 7 year-old daughter, Kylee, was the op for this year in a limited-time operation. As always, we ran QRP (5 watts), but since I did the logging while Kylee operated, that, of course, puts us in the "multi-single" category. We stayed on 20 and Kylee had a blast, handing out Nobles County to 33 out-of-state stations. – **ND0C**... Enjoyed the mobile activity on CW. See you next year. - **KN4Y**... FB QSO party again !!!! - **WB7CYO**... Another fun MNQP. Conditions were not optimum but not too bad. - **KC0INP**... Great contest. Great operators in MN. Special thanks to N0HJZ for QSO's in 27 counties (I finally got them all this year), and KC0DMF for 9 counties. - **AJ4LN**... Great mobile coverage for the contest. Got stuck at 84 mults again! 40 meters did not cooperate for us in the NW. Oh well, as our Seahawks say: "There's always next year." - Bill, **W7GKF**... This was a very well organized event and I really enjoyed participating in it. Best regards, - **KK7XX**... I noticed a lot of MN-to-MN QSO's going on all afternoon on 40M because you guys can work each other. This made working you on 40 during the day tough due to the poor mid-day propagation between FL and MN. It would be much better for us far-away-guys if the MN stations would stay on the high bands all day long, and save 40 for early morning and late afternoon. I worked a few MN's on 10 & 15 CW and SSB, but those bands were pretty devoid of activity probably due to many of you being on 40 working each other. Otherwise, 10 and 15 were wide open. – **K5KG**... I wasn't "overly fired up" for MNQP this year because a lot of other activities the past week and heading into next week, but it was really an enjoyable deviation for 10 hours! I had not set any specific goals but I exceeded my 2013 entry by 101 QSOs. (In 2014 I operated as one of the W1AW/Ø stations during MNQP.) This year I logged 66 counties, 37 states and 3 RAC sections. The top state was MN due to the fun I have chasing the mobile stations. Thanks fellows for you relentless efforts each year! The most out-state contacts were WI (15), NY (14), and FL (10). I worked a few WA and a UT, but in general not much activity to the west. My first 4 hours show nearly an identical rate as 2013 and the next 6 hours this year was much stronger. My last hour saw 63 QSOs go into the log. I took some short breaks, and took a 30 minute "nap" around 2:00 pm. I'm not used to getting up and being functional so early! – **K0RC**... Another great contest. Ran into a lot of old friends. - **WA0EBZ**...

Soapbox (cont.)

2015 is the twelfth and final year of the K0PC/W9DND team in the MN QSO Party. John is hanging up the driving gloves after the WIQP in March. I have been very lucky to have his steady hand at the wheel all these years. I will miss him. The weather looked like a concern earlier in the week but it turned out great for us. High about 30F and partly sunny, the roads were all clear. I know some of the mobiles further north had to deal with tougher conditions. For years we have had a pretty lucky streak without a visit from Murphy. He must have known this was our last run and decided to come along for old time's sake. We used a new laptop this year and had problems with RF getting in on the USB cable. 40M was fine but the computer hung up on 20M. I normally pack ferrite cores but forgot them this year. After three hours stuck on 40M I finally realized I had some cores on the power line and antenna control line. I stole those to use on the USB cable and that solved the problem. Nothing showed up during my smoke test a few days before the contest so I was expecting smooth sailing. We did a totally new route this year to shake up our last run a bit. With the delays we had early on we ran behind all day and had to drop the last two counties, BLU & LES. My score is lower than it has been since 2008. I thought all day that there just didn't seem like that much activity and the results showed that. With only 183 unique calls in the log that is the lowest since 2007. A typical unique count for the last few years has been about 230. Maybe the conditions were a bit unsettled.-

K0PC... I had a lot of fun giving out Fillmore County to folks. Most all of the activity was 20m and down. 15/10m were just not that good. I had added an NVIS antenna for 80/40 this year that was working very well at breaking into some of the mobile station pileups! Thanks to those mobile stations, it made it more of a fox/hound type of contest.- **NY0V...** My first MNQP. Enjoyed it!- **AB5XM...** 1st time in MN in 5 years, usually down South. Lotsa fun in 6 hrs of op time, bands were good condx!- **K0VH...** As I was running the sponsor station VA7ODX in the British Columbia QSO Party, I offered to trade a Q whenever anyone gave me MN in the BCQP exchange. Most people took me up on the offer, and followed proper procedure. Hope you all had a successful event. – **VA7ODX(VA7BEC)...** I had a great time in the QSO party this year, thanks! – **N0RPI...** Great fun even though noisy at times: Amazing contact totals with primary followers who deserve big thanks: K9NW--45!!, W0BV--32, NU0Q, N2CU and AF9T--26, and VE3KZ--24, W0AIH and N8II--21, and NT2A--20. Special note to N2WN with 19 QRP! - **N0IJ...** Great to be back - missed last year - always a great QSO Party with great coverage especially by the mobiles - look forward to next year!!! - **W1KDA...** K1 at 5 watts to an inverted vee up 30' at center, cut for 40 meters. What a wonderful day to sit out in an SUV in February. Shoot, I had to crack a window to stay cool in my 4 layers of clothing. Always fun to make QSO's in the MNQP, thanks to all for the fun. 73, and C U next time. – **KE0G...** With the CCO Mid-Winter Luncheon calendar shift to a week earlier I was able to take part in the MNQP again. Almost a sweep! I hope to try again! - **VE3KZ...** Only got to operate the tail end of the contest. If only it went even a few hours more so us 6's could work you guys who headed to 40m/80m way early (for the West Coast). Nonetheless, a good time! – **K6JEB...** I forgot the contest was on, till 1545z, got active till lunch, out for 1 hr 15 min. Had a great time, especially chasing so many mobiles. I show 11 mobiles worked with N0HJZ/m in the lead with 16 QSO's Total operating time 6.5 hours. Looking forward to next year. Thanks to the sponsors, and to all who participated and gave me points. Well done indeed. – **VE3CRU...** I can't work the full time, because hunting of K1N :-)) Will be more next year! – **DL5AWI...** Excellent contest. Want to thank all operators who were on the air. – **KD5ILA...** 8TH MINNESOTA QSO PARTY - **N1NN...** Score is fewer than last year, but this year the prior was made contacts with K1N Navassa Island DXpedition my #339th DXCC. K1N on the LOG :) on 160,80,40,30,20,17,15,12,10m 3mode but spent many time on pileups (especially on 10m) and missed many contacts ... I made also 35 QSO on VT QP and 8 QSO on BC QP. Thanks a lot for the QSO's, especially for mobiles: N0HJZ 20/20, W0ZQ 14/9, NE9U 13/13, W0AA 10/10, N0EO 5/5, K0PC 5/5 N0IJ 5/5, AC0W 4/4, W9FZ 3/3, KE0G 1/1. – **OM2VL...**

Soapbox (cont.)

*Thanks for letting me enter your QSO Party. I am new at this. 73's Carolyn – **KC9URR...** Never worked so many mobiles in a contest before! Mobiles accounted for 47% of my contacts, and 59% of my multipliers. Propagation on 20 was great right to the end. Wow! What a day – **WA5SWN...** Activity seemed a bit down this year. Or was it the conditions? Rig was FTdx5000 (100w) and Butternut HF6V all-band vertical. – **W1END...***

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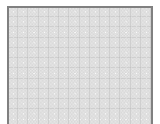
The 18th Minnesota QSO Party will be held on **Saturday, February 6th, 2016** from 1400 UTC until 2400 UTC. Check the web site for latest information, tools and updates.

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