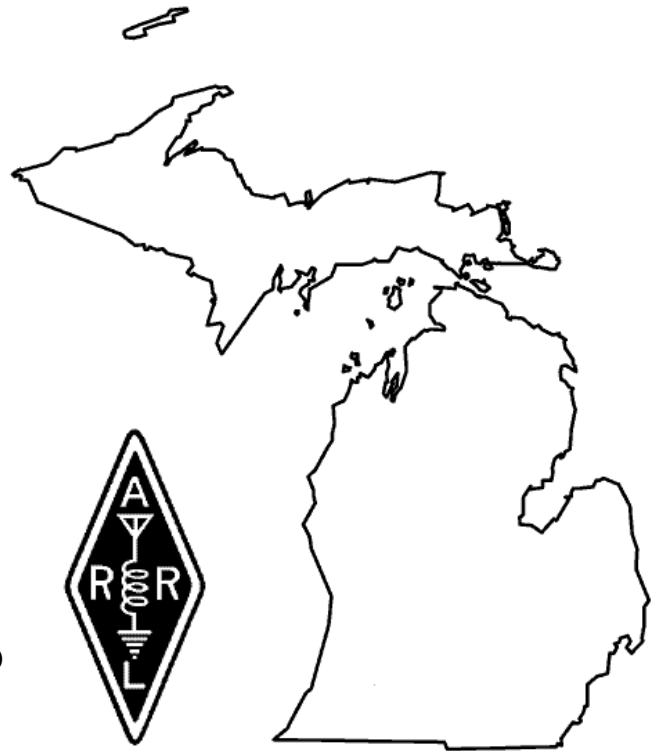


Results 2005 Michigan QSO Party

<http://www.miqp.org>

Sponsored by the Mad River Radio Club

By Dave Pruett, K8CC



As the 2005 running of the Michigan QSO Party approached, there was a different feel in the air from previous years. New rules had been implemented to encourage activity and the contest committee had made a concentrated effort to reach out to clubs and hams that had not participated in MiQP before. The MRRRC reflector was buzzing with reports of planned operations, and two weeks before the event, commitments were in hand to activate all 83 Michigan counties.

The weather for most of the state for the 2005 MiQP was sunny and unseasonably warm, making life easier for the mobiles and portables heading out to activate rare counties. Leading up to the contest, WWV was reporting stable conditions, with SFI = 85, A = 12 and K = 2.

However, when the participants turned their radios to 40 meters (the workhorse band of MiQP) they found weak or non-

existent propagation within the state (i.e., MI-to-MI QSOs). This most severely impacted the mobiles and QRP entries, but it affected participation from everyone. The effect of this can clearly be seen in the band totals of reported QSOs for the contest:

	80	40	20	15	10	total
CW	6325	9197	3983	9	5	19519
SSB	4949	4976	3613	37	21	12596
Tot	11874	14173	6576	46	26	32115
Pct	37%	44%	20%	0.2%	0.1%	-

40 meters typically carries 65% of the QSO burden in MiQP, but in 2005 a portion of that shifted to 80 meters, particularly as MI stations looked for other MI QSOs. It also affected the CW vs. SSB balance, which in recent years came out around 50/50.

Despite conditions less than favorable for MiQP, participation and activity was up significantly. A total of 239 entries were received, a 34% increase over the

178 received in 2004 and a 16% increase over the MiQP record of 206 received in 2003. The total number of active stations rose from 2418 last year to 2544, beating the MiQP record of 2521 from 2002. The total number of reported QSOs also took a big jump with 32,115, a significant increase of 18% over 2004 and beating the old MiQP record from 2003 by 8%.

The increase in activity showed up in the scores as well. New records were set for the MI single-op high power, MI multi-op multi-transmitter, and DX single-op high power categories. Significant initial records were set in the new MI mobile solo-operator and MI multi-single categories also.

For the sixth year straight, we can report that all 83 MI counties were active during the contest. The five most active counties were *Oakland, Wayne, Macomb, Grand Traverse and Washtenaw.*

(Continued on page 2)

(Continued from page 1)

Only Oakland and Washtenaw are repeats from 2004. The five least active counties were *Cass, Van Buren, Missaukee, Benzie and Newago*. Only Benzie and Newago are repeats from 2004. However, it is indicative of the improved MiQP activity levels and coverage that even the least active county, Cass, still had 8 QSOs reported.

From the out-of-state areas, QSOs were reported with 53 of 63 geographic entities on CW, 56 of 63 on SSB and 57 of 63 overall. The five most active out-of-state areas were *Texas, Minnesota, Pennsylvania, Florida and New York*. Only Pennsylvania and Florida were on the list last year, while Texas made a huge leap from the pack to take the top spot this year. Entities with no reported QSOs were *YT, PEI, SK, MB, NU and NWT*. Most of these are typical difficult-to-get MiQP multipliers, although MB (VE4) and SK (VE5) are usually snagged by at least one MiQP participant.

County Activity

Prior to 2005, there were fifteen Michigan counties from which a fixed station entry had never been submitted. In 2005, six of those were knocked off that list: Barry by K8XXX, Gogebic by N9EZ, Kalkaska by W8RU & K8RCZ, Mason by WA8YLZ, Muskegon by W8ZHO and Oceana by N8NM. Our thanks to these stations for putting these counties on the air.

Log Submittals

The quality of MiQP logs received continues to improve, for which the logcheckers are very grateful. While the number of logs received continues to increase, so does the percentage of electronic logs; 204 of 239 this time. While paper logs will al-



Uli, KK8I operating at the W1SKU station in Oakland county

ways be welcome, we hope that the information concerning electronic log submittal on the MiQP web site encourages that trend.

We only had one log we could not accept this time. It was received electronically in Cabrillo format, but was missing the received exchange information in every QSO. When an e-mail query to the entrant went unanswered we had no choice but to set the log aside. This points out that it is a good idea to look at your electronic entry with a text editor prior to submittal.

Awards

The MiQP awards program was greatly expanded for 2005. Additional plaques will be awarded for the two new categories (MI Mobile-Solo and MI multi-single), and certificates for top single-op score at the Mi county and out-of-state geographic entity level. Awards should be arriving to the winners in September 2005.

And now, on to the results.

MI Single-Operator

High Power

Call	Cty	QSOs	Mults	Score
KK8I	OAKL	649	172	175,612
N8SS	WAYN	659	152	150,936
K8AO	DELT	541	132	84,612

The high power single op winner is **Uli Ann, KK8I/DL2HBX** signing his Michigan callsign from the QTH of W1SKU in Oakland county. He experienced equipment trouble during the MiQP, which was difficult to troubleshoot in an unfamiliar shack. His log is biased slightly towards CW, and he dealt with the poor 40M conditions by making 80M his band with the most QSOs. Despite a deficit of 10 QSOs to second place, Uli had 38 more CW QSOs to more than make up the difference in QSO points, and that, along with 20 additional multipliers, proved to be the margin of victory.

In second place was **Earl,**
(Continued on page 3)

(Continued from page 2)

N8SS, operating from his "station under construction" in Wayne county. Earl is a long time MiQPer, having previously signed KZ8E from the west side of the state before a 20-year stint in Houston, TX as N5TU. Earl's log was almost perfectly balanced between CW and SSB, but his 48 QSO edge on SSB could not make up for KK8I's 38 additional CW QSOs and greater number of multipliers. Look for Earl to move up the rankings as his station gets completed and additional antennas go up.

In third place was a station we often see in the MI SOHP top ten; that of **Duane, K8AO**, operating from Delta county in the UP. Duane's log heavily favored SSB, which put him at a disadvantage to 1ST and 2ND place in terms of QSO points and multipliers. However, Duane was far and away the best at making 40M SSB play with a big total there.

All of the top three single-op high power entries operated the

entire contest.

Low Power

Call	Cty	QSOs	Mults	Score
N8TC	GRTR	541	150	123,750
AD8J	LEEL	431	142	100,678
K8RO	OAKL	429	135	84,612

Leading the way for the low power single ops was **Brian Cox, N8TC** operating from Grand Traverse county. Brian is a former MiQP plaque winner, and he did not hesitate to QSY down to 80M when conditions would not cooperate. His log has 51% of its QSOs on 80M, with an almost even balance overall between CW/SSB. Brian also lead the low power category for both QSOs and multipliers, which made him pretty hard to beat.

Not that the second place finisher, **John, AD8J**, didn't give it a real good try. John, whose home QTH is in western PA, operated portable from a vacation home in Leelanau county not far from N8TC. John's log heavily favors

CW and while he almost matched N8TC on that mode, he spotted him over 100 SSB QSOs. With QSOs come multipliers and while John actually worked more different MI counties, Brian held the lead in overall multipliers.

In third place was **Dale, K8RO** operating from Oakland county. Dale came within 2 QSOs of second place with a similar CW/SSB ratio, however he had less luck finding multipliers, particularly in-state counties, which proved to be the difference.

All of the top three single-op low power entries operated the entire contest

QRP

Call	Cty	QSOs	Mults	Score
N8NM	OCEA	190	83	29,714
N8XI	WAYN	137	44	12,056
N8UO	MACO	71	37	5,254

The station at the top of the QRP single-op standings is no stranger to the position. **Steve Murphy, N8NM** won the MI single-op QRP plaque last year from his home QTH in Oakland county, but this year operated from a portable location in Oceana county. The poor conditions on 40M really affected Steve's score, which is about half of last year. This shows in the N8NM log; 65% of Steve's QSOs were on 80M, and only 12% were on SSB. He was on the air for 11 of the twelve hour of the contest period.

The second place station is no stranger to the QRP high score box either. Finishing behind N8NM was **Rick, N8XI** operating from Wayne county. Rick is a former winner, taking the MI QRP Single-Op plaque in 2000. The N8XI log is all CW, and shows 132 of 137 QSOs on 40 meters with the remaining five on 20 meters.

(Continued on page 4)



John, AD8J Single-Op Low Power from Leelanau Co.

(Continued from page 3)

He operated slightly less than nine hours of the contest. The missing operating time and a lack of SSB QSOs (with the mults they bring) were Rick's margin behind winner N8NM.

In third place MI QRP single-op was **Ken, N8UO**. Ken was part of a cluster of activity from the USECA club involving their club station, K8UO and several other stations. The N8UO log is all CW, with QSOs almost evenly spread between 80, 40 and 20 meters. Ken operated about four hours of the contest period.

Non-MI Single-Operator

Eastern Region

Call	Location	QSOs	Mults	Score
K5OT	TX	306	126	67,914
KU8E	GA	272	117	54,522
N2CU	NY	256	117	49,491

MiQP rules define the "eastern" USA as those areas in the Eastern and Central time zones. While Texas seems far away from MI to be defined "eastern, it did not stop **Larry Hammel, K5OT** from putting the W5KFT contest station near Austin into the top spot under his callsign. Larry is very familiar with MiQP, having recently lived in neighboring northern Wisconsin from which he would venture out on MiQP mobile trips into counties in the Upper Peninsula. The K5OT log is biased heavily towards CW (76%) and while the majority of the QSO are on 40/20 meters (as you would expect from Texas), Larry still put 53 Michiganders in log on 80M as well. He was active the entire contest period.

Second place eastern region single op goes to another operator very familiar to the MiQP, former Ohioan **Jeff, KU8E**, operat-

ing from his Georgia QTH. Jeff holds the non-MI single op record from his former QTH near Cincinnati, and has mobiled in Michigan for MiQP on several occasions. Like K5OT, KU8E preferred CW (71%) and had essentially the same band breakdowns. 40M was good for Jeff, with slightly less than half of his QSOs occurring there. He was active the entire contest period.

Third place eastern region single-op goes to another familiar callsign, that of **Tom, N2CU** operating from western New York state. The N2CU log is about 2/3 CW, with the major focus on 80/40 meters and only a few QSOs on 20, probably a result of being much closer to Michigan than either of the stations that finished ahead of him. Tom matched multipliers with KU8E and had more QSOs on SSB; but Jeff's extra 27 CW QSOs made the difference.

Western Region

Call	Location	QSOs	Mults	Score
KØRI	CO	225	99	38,313
K7QQ	WA	183	74	27,084
N6MU	CA	147	88	22,440

The "western" USA region has a much more difficult time of it in MiQP. They are further away, and darkness falls for them two to three hours later than here in MI, lessening the amount of time the low bands are useful for them. Indeed there are some times during the contest period when MI stations are inaudible at their QTH.

Nonetheless, **Larry Lewis KØRI** operating from Colorado was able to claim the top spot western region single op with a score that would have been fourth overall amongst all non-MI single-ops. In doing so, he repeats his win in this category from 2004.

His QTH in CO might be considered "near western" and so his band breakdowns look similar to those of K5OT and the top eastern guys, but with smaller numbers on 80M. It is interesting to note that Larry made his first 80M MiQP QSO at 0014Z vs. 0049Z for K5OT, 2357Z for KU8E and 2325Z for N2CU. Larry operated for slightly more than ten hours of the contest period.

Moving further west, we find the second place western region single-op finisher, **Rex, K7QQ** operating from Washington state. The K7QQ log is all CW and for him there was "no meters like 20 meters", the band providing him with almost half of his QSOs. While Rex made 42 fewer QSOs than the winner, the fact that all were on CW meant that the QSO point counts were very close, and so KØRI's extra multipliers from SSB made the difference. To illustrate the impact that the later W7 nightfall has, Rex made his first 80M QSO at 0211Z. He operated all but about 40 minutes of the contest period.

In third place western region we find another former winner, **John, N6MU**. John only had 08:41 in operating time, and while he had a competitive multiplier total, he just couldn't make up the 3+ hours of operating time he spotted the leaders.

Michigan Mobiles

For 2005, the MiQP category was split into two; one for mobile operators participating solo in MiQP, and the other for the traditional MiQP mobile with multiplier operator/drivers. The purpose was to increase activity by making it easier for solo operators to compete. While the number of Michigan Mobiles increased only

(Continued on page 5)

(Continued from page 4)

slightly from last year, the number of contacts made (and hence the competition) was much greater.

Mobile entries account for a large number of the rare counties activated in MiQP. Their willingness to "get out and drive" to these places is appreciated by every MiQP participant.

Solo Operator

Call	Ctys	QSOs	Mults	Score
W1NN/m	12	591	109	118,701
N9NE/m	7	383	91	64,883
WI9WI/m	4	153	44	13,464

Winning the Michigan Mobile Solo Operator category in its inaugural year was **Hal Offutt, W1NN/m**. Hal has participated in MiQP Michigan Mobile competitions before while operating by himself, so he knew what to expect. He operated from twelve counties this time, with clear leads in both QSOs and multipliers. In fact, Hal had the most multipliers of any mobile entry, regardless of number of operators. 498 of his 591 QSOs were on CW, not surprising with the poor in-state conditions on 40M which are the bread and butter of the mobiles.

Second place in the mobile solo operator category is another op who has done this by himself before and now has a category to call his own; that is, **Todd, N9NE/m**. Todd's MiQP route took him through seven counties in the Upper Peninsula. Todd and W1NN has essentially identical band totals on 40M; it was on 20M and 80M where he fell behind.

Third place in the mobile solo operator category is a operator perhaps new to MiQP mobiling,

but not to QSO parties in general; that is, **Jim, WI9WI/m**. Jim's MiQP operation was just a trip over the border from his home near Madison, WI, taking him to four counties in the Upper Peninsula from 17Z to 00Z. All of Jim's contacts were CW on either 20 or 40 meters, with the emphasis on the latter.

Multi-Operator

The Michigan Mobile Multi-operator class is the "traditional" MiQP mobile category since the "modern era" of MiQP rules began in 1999. Other than the number of operators, everything else is the same: single transmitter, and 100W power level.

Call	Ctys	QSOs	Mults	Score
K8MR/m	19	835	106	164,618
WT9U/m	27	718	95	124,545
K8IR/m	17	644	88	111,144

The winning team of the Michigan Mobile Multi-operator category for 2005 are no strangers to the top score listings, having won twice (most recently in 2004) and placed several other times; that is the **K8MR/m** entry, operated by **Jim, K8MR** and **Jim, W8DRZ** who operated from 19 counties in the northeastern Lower Peninsula. The K8MR log shows a preference for CW (86%); the team made as many QSOs on CW as the second place team had QSOs. The team lead the category in both QSOs and multipliers, but a comparison with their 2004 score (where they had 1052 QSOs and 104 mults) shows the impact that the poor 40M conditions had on the mobiles.

Second place in the mobile multi-operator category is another team who "has been there before"; that is the **WT9U/m** entry operated by **Jim, WT9U** and **Ian, WA9PQN**. This team activated the most counties of any



Goose, W8AV logging a night-time QSO for AF8A/m

MiQP mobile this year, 27, which is a record for an MiQP team in the modern era twelve hour format. In comparison with the winner's log, WT9U traded off more QSOs on 20M for fewer QSOs on 40M and less on 80M as well.

In third place in the mobile multi-operator category we find another team that has been in the hunt several times in recent years: that is, **K8IR/m** operated by **Jim, K8IR** and **Ed, KG8CX**, operating from 17 counties including the entire Upper Peninsula! The team posed a serious challenge for second place, with more CW QSOs but a very small SSB total. While K8IR worked more different multiplier areas than WT9U, their shortfall on SSB caused them to come up short on overall multipliers.

Michigan Multi-Operator

Similar to the mobile category, where the solo operator class was created for 2005 to spur activity by giving entrants two different levels of complexity

(Continued on page 6)

(Continued from page 5)

to compete in, the MiQP multi-operator single-transmitter category was added to allow groups (particularly club stations) to compete with simpler setups. And just like the mobile category, the number of multi-op entries grew only slightly from 2004. This is not surprising when you consider that the top two multi-teams of 2005 were comprised of ops that were on five teams from 2004. But the real benefit of the change is seen in the number of new MiQP multi-ops, and in the competitive improvement of many entries (based on the number of QSOS made).



Multi-Multi, Cheboygan county style at K8MQP
From L to R: K8CC on 40M, W8MJ on 20M, and KE8OC on 80/15/10M

Single Transmitter

Call	Cty	QSOS	Mults	Score
W8PIF	MENO	476	131	109,385
WD8S	OGEM	388	126	80,640
W8VS	LIVI	527	125	78,375

Landing atop the pile of entries in the new multi-single category was a familiar call: **W8PIF**. This group from the Marinette and Menominee ARC have won the old MiQP multi-op category (which was multi transmitter) on several occasions, but this time downshifted to single transmitter to take the inaugural single-transmitter category win.

The W8PIF crew focused entirely on the three lower bands (making no QSOS on 15M/10M) and made 75% of their QSOS on CW, netting 100 more than the second place team. The latter advantage, coupled with a small lead in multipliers proved to be their margin of victory.

In second place multi-single, we have another group experienced in the MiQP multi-op wars. The team at **WD8S** has competed in previous years from various locations under the W8HP and K8MHO callsigns., while this year

they operated from a cabin in Ogemaw county running 100W. Like W8PIF, the WD8S crew focused on the low bands and on CW. They actually made more SSB QSOS than W8PIF, but could not overcome the margin of two-point CW QSOS logged by the M&M crew.

And now for something completely different: in third place multi-single, we have the team at **W8VS** operating from Livingston county. This group is different from the first two teams in that they are new to the MiQP multi-op wars. They also followed a different operating strategy, making 81% of their QSOS on SSB. Their band choices were also different, with big QSOS totals on 80M and 20M, and only a very small number of 40M. It must have worked - they had the biggest QSO total of any multi-single entry.

Multi-Transmitter

This is the goliath category of MiQP. No limits on operators, no limits on radios, just light the filaments and have at it.

Call	Cty	QSOS	Mults	Score
K8XXX	LENA	1557	199	431,681
K8MQP	CHEB	1339	195	360,360
N9FN	BERR	268	126	42,320

Leading this category of giants was **K8XXX**, operating from the N8CC QTH in Barry county. This station was manned by a very experienced team from the K8AQM, K8AA and K8JM multi-ops of 2004. The team spent the week before MiQP at the location, installing temporary antennas for several bands so that they could be everywhere at once. While they struggled with some interstation interference problems, this did not stop them from making a whole pile of QSOS.

The big band for K8XXX was 40M SSB led by MiQP veteran KT8X, where even with the poor in-state conditions they made 634 QSOS alone! Led by this great total, the K8XXX log is biased mildly towards SSB (61%). Their 199 multipliers leads all entries for 2005.

Finishing in second place
 (Continued on page 7)

(Continued from page 6)

multi-multi was the team at **K8MICHIGANQSO PARTY**, operating portable from a summer home on Burt Lake in Cheboygan county. The team was a combination of ops from the W8MJ and N8OS mults in 2004. All portable operations should be like this: three legal limit stations and a portable 48' trailer-mounted tower to hold up monoband beams. The MQP CW/SSB breakdown was almost identical to K8XXX, and while 40M was their biggest band with 547 QSOs, 20M was not far behind with 499.

The third place multi-multi team is another group new to the MiQP multi-op wars. The **N9FN** team operated portable from Berrien county, where their site's biggest asset was a 300' commercial tower from which they could hang their antennas. Being new to MiQP, the team spotted a lot of experience and ERP (they only ran 100W) to the XXX and MQP crews. They also struggled with equipment problems in their first time portable from this location, but their efforts ensured that BERR made it into many MiQP logs this year.

DX Stations

DX stations have a hard time of it in MiQP, because their distance from Michigan offers propagation only at certain times and on certain bands. For many DX stations, success in MiQP depends heavily on how long the bands are open at their QTH.

Call	Cty	QSOs	Mults	Score
DL3GA	DL	72	49	7,154
SP4JWR	SP	70	48	6,720
I4IKW	I	49	33	3,234

Nevertheless, 2005 saw a record turnout of DX entries received for MiQP: 8 single-ops and

one multi-op. With the exception of CU2JT in the Azores, all of the other entries were from mainland Europe. All but one DX station were high power entries.

Leading the single-op DX entries was **Andreas Gille, DL3GA** from Germany. All of Andreas' QSOs were on 20 meters, where he found enough activity for 6:49 of operating time. All of his 73 QSOs were on CW, and 49 were with mobiles - perhaps not difficult if you are operating from Ohio on 40M, but a fine performance on 20M from Germany!

Only two QSOs and a multiplier behind DL3GA was **Ted, SP4JWR** from Poland, who is no stranger to MiQP. The SP4JWR log is also all CW, and while most were on 20M, he made some QSOs on 40M and even one MiQP QSO on 80M (with KK8I). Ted worked 40 MiQP mobiles, but even with the activity on the low bands, he was only QRV for 05:49.

In third place for DX stations was **Marco, I4IKW** from Italy which is even further away from Michigan than either Germany or Poland. Marco could only find MiQP activity for 04:17. All of Marco's activity was on CW, mostly 20M, and 28 of his 49 QSOs were with MiQP mobiles.

Club Competition

In-State

Club	Score	Entries
Marinette & Menominee ARC	289,822	4
Southeastern MI DX Association	262,556	3
Cherryland ARC	203,839	7

In many years, the MiQP Club Competition has been won by a landslide, with one club or another relying on one or two huge

multi-ops scores to anchor it's total. This year's competition was much closer, even though a familiar name appears at the top.

And that name is the **Mari- nette and Menominee ARC**, who has won the club competition four times out of the seven years of the modern MiQP era. M&M put together the winning total of **289,822** through a balanced mix of fixed, mobile, and multi-op scores.

Repeating their second place finish from 2004 is the **South-eastern MI DX Association** with **262,556** points. SEMDXA combined KK8I's winning SOHP score with two other scores to get their total, losing out to M&M by less than 10%.

The third place club, the **Cherryland ARC**, also combined a winning score (SOLP winner N8TC) with six other scores for their total of **203,839**. One way to ensure success: they collected entries from several club members and submitted these together to ensure meeting the deadline.

Out-Of-State

It can be hard to generate much club enthusiasm for a QSO party anywhere other than the "home" state, but in the 2005 MiQP ten clubs did just that.

Club	Score	Entries
Florida Contest Group	96,257	7
Yankee Clipper Contest Club	90,320	5
South East Contest Club	78,554	6

Showing that they can operate a QSO party just as well as they throw one, the **Florida Contest Group** put together seven entries led by K9OM to increase their score almost 50% over 2004 when they finished third. Still, it

(Continued on page 8)

(Continued from page 7)

was not an easy victory as their margin over second place was less than 7%.

In second place was the **Yankee Clipper Contest Club** who put together five entries led by N1IW to give FCG a run for their win. YCCC increased their score eleven times over their 2004 total to get the second spot.

In third place was the **South East Contest Club**. Their score, combining KU8E's second place eastern region S/O score along with five other entries more than doubled their 2004 total.

Remember that for the MiQP club competition it takes at least two scores to count as a Combined Club entry. There were a lot of big scores that went "orphaned" and did not count for any club because they were the only one.

Most MI Counties Worked

The MiQP Most Counties Worked competition is intended to offer an alternative for those single operators who like to focus on "working them all", but everyone gets to compete. In past years, this was a competition for non-MI entries only. For 2005 a separate competition was added for in-state entries as well.

Among MI entries, the most counties were worked by **Uli, KK8I** with 54 counties, proving once again that a good MiQP operator doesn't just go for rate. In second place was the station who also was second in the single-op high power competition, **N8SS** with 53 counties. In third place, was low power station **AA8SN** with 52.

Among the non-MI entries, the story was even more the same.

Larry, K5OT took the category crown and also had the most counties with 78. Close behind were the second and third place single-op high power stations, **KU8E** with 77 and **N2CU** with 73.

Records

Despite the less-than-favorable radio propagation conditions, there was no shortage of records set in the 2005 MiQP.

Among the single-operators, **Uli, KK8I** scored 175,612 to break the MI single-op high-power record set by KT8X at 167,291 in 2004. Uli now owns both the single-op high power and low power records (the latter set under his former callsign AB8QV). Will he go QRP next year and try for a sweep?

Speaking of QRP, **Jerry, N4JF** from Alabama managed 32,472 points to get past the old out-of-state QRP record set by K5IID in 2003.

The only other single-op record set this year was for high power DX stations by **Andreas, DL3GA** whose score of 7,154 more than doubled the old mark of 3,220 set by SP4JWR.

Among the multi-operator entries, a new record was set for the MI multi-operator/multi-transmitter category where the **K8XXX** score of 431,631 put away the old K8AQM record of 375,875 from last year. The 1557 QSOs made by the 'XXX team represents the most QSOs ever made by a single station in MiQP.

The DX multi-op category typically does not have many entries. Nonetheless, the crew at **RK2FWA** tripled their score from 2004, and tripled their record as well.

Besides these overall category records, 38 fixed station and 12 mobile station records were set at the county level this year. This is impressive when you consider that the largest number of counties ever represented by fixed station logs prior to this year was only 34 and that none of the mobile records were "first time". This illustrates the breadth to which MiQP activity grew in 2005.

Awards

Plaques and certificates will be going out in late August or early September. If you've not received your award by the end of September 2005, drop an e-mail to our awards manager Mike, WD8S at wd8s@comcast.net. At the end of the text portion of this report, you'll find a list of the MiQP plaques and the clubs and organizations that sponsored them. The MiQP thanks these sponsors for their generosity.

Acknowledgements

Producing these MiQP results is not a one man show. Our thanks go to **Ron, W8RU** who transcribes the paper logs received, and to **Mike, WD8S** who manages the MiQP awards program.

The MiQP committee would also like to thank several people who contributed in ways behind the scenes to further the MiQP for 2005. **Hope Franscisco, AA8SN** helped collect logs from members of the Cherryland ARC and made sure they got in on time. **Dave Edenfield, W8RIT** helped to organize the K8UO USECA multi-op operation, and then collected logs from USECA members to build their club total. And finally **Mike Rudzki, N8MR**, who undertook numerous actions to encourage

(Continued on page 9)

(Continued from page 8)

MiQP within the Motor City Radio Club and hosted a MiQP presentation by K8CC to the club.

To volunteers like these (plus others we don't know of), to the club newsletter editors who publish MiQP announcements, to MiQP Communications Manager Mark Hinkleman, NU8Z, to Michigan ARRL Section Manager Dale Williams, WA8EFK and Great Lakes Division Director Jim Weaver, K8JE who lent their support, and to the 2544 stations that appeared in one or more MiQP logs, we say thanks for helping to make MiQP 2005 the best MiQP ever.

As these results are coming out in early August, don't forget to look for many familiar MiQP callsigns during the **Ohio QSO Party, August 27, 2005**, also sponsored by the Mad River Radio Club. Come join in the fun!

MiQP 2005 Soapbox

QRM by EU-Contest - **DL3GA** Nice contest! Thanks to the QSO partners and organizers! The propagation was not on the top during the contest period. Maybe next year... Rig TS-530SP 100W into a vertical rod - **HA2MN/5** Great contest—CU next year. All my antennas were down except the 40 M inv-V - **KØGSV** First time for MiQP. Fun chasing up and down the bands for MI stations - **KØMPH** First time in MiQP. Very friendly bunch. Nice to make some SSB QSOS with 5W - **K2EKM** Had a great time. Couldn't get much going on 20M so I spent most of the time on 40M and 80M - **K3BZ** Thanks to the mobile stations for activating the rare counties - **K3TW** Enjoyed the contest. Lots of activity again this year - **K4AMC** Ran a Yaesu FT-897D transceiver operated at

5W into an OCF 28-gauge insulated wire stealth antenna up 45' in trees next to I-75 in downtown Atlanta industrial area. SGC SG-237 smartuner, Tigertonics SignalLink SG-1 sound card radio interface. MicroHam USB rig interface. WriteLog 10.53E. - **K4AQ** Happy to make some Qs in the MiQP again this year - **K8KFJ** K8BB's 48' trailer-mounted tower went up slick as a whistle and was the key to our portable antenna farm, holding up separate 3L monobanders for 20, 15, and 10 meters, plus our 40M dipole. Our thanks to John, KN8S who allowed us to set up at his vacation home on Burt Lake - **K8MQP** I finally got home around 2 PM and tied to set up for both modes. I had to get the manual out to figure out how to set the rig up for SSB. That was a waste of time, since I made only one Q on 40 SSB and that was with a local in Brighton. He was giving 170 and I was sending number 1. After that, I went to 20 CW and ran some W6s and Europe. It was fun having EU call in on 20 CW. I went to 40M after that and could only work the U.P. and stations on the east coast and west of the Mississippi. I worked only 6 counties locally, with Hillsdale being Q2. I never heard a single mobile on 40 and never saw any spots for them either. For the last couple of hours I was on 80 and had rates approaching 50 per hour. However, there were very few MI stations in the log. I pulled the plug at 9 PM after wearing out the F1 key calling CQ with no answers - **K8SIA** Thanks for a good time. Nice activity level and good sigs into Virginia. Looks for us in the VA and PA QSO parties - **K8SYH** My first contest, it was a blast! - **K8EBI** Enjoyed the contest but had limited time to operate. - **KD5TXL** MiQP weekend was my first ever QSO party, believe it or not, and the first contest other than last Field Day that I took

semi-seriously (I've only had an HF ticket since last April) - **KG2V** Great QSO party. Too bad I had to QRT early. Next year! - **KG5U** Tons of fun! - **KG8JK** Rig K2 running 5 watts. Antenna 135' doublet. Thanks to everyone - **KW4JS** Great fun, as always, Even with conditions that made being geographically close very difficult! - **NØIJ** Only ran 40M - and not too successful at that - **NØWY** Equipment: Elecraft K1-4 & random wire, 5 watts - **N2CU** My first serious attempt in this contest. It was very frustrating not being able to work stations on 20M where guys down south/west were piling up the QSO points. 40M was terrible for the first half of the contest. Most stations were very weak. Surprisingly, some mobiles had better signals than fixed stations. K8IR was consistently the best mobile signal heard. Most mobiles did very well by signing the county after their callsign...good practice! However, at least one fixed stations was signing his call/county which led me to believe he was mobile. SHEESH! Very thankful most guys, including mobiles went down to 80/75M after 40M went real long. The last couple of hours kept me in the running. Congrats to KU8E, who I heard near the end of the contest with a couple dozen more Qs than me. 20M no doubt. Oh yeah, it was great fun with all the mobile activity - **N2CU** Thank you for the interesting contest. Hope to be back next year - **N7VS** Not much time and not great conditions this year - **N8BJO** A great mobile chase - **N8NA** Forty meters was useless from my location. Had lots of fun on eighty - **N8PUG** This was 2 operators, 2 radios, 100W each. This was a first effort for both of us in the MiQP - **N9FN** It was a lot of fun. See you all next year - **N9KS** Surprised at level of activity. K8XXX was loud

(Continued on page 10)

(Continued from page 9)

everywhere I found them! - **NB1B** Our mobile transmitted from 26 counties. 20 meters was the "money band" early in the contest. 40 meters remained long the whole time, while 80 turned out some good runs after sunset. Heavy hitters in our log with 12 or more contacts were K5OT (TX) 32, KU8E (GA) 23, K7QQ (WA) 22, K5WAF (TX) 19, K0RI (CO) 18, N6MU (CA) 16, K4LTA (TN) 14, N0ZA (CO) 14, W3BBO (PA) 14, N2CU (NY) 14, K4CC (FL) 12, K8XXX (BARR) 12, K8JQ (WV) 12 and K8MFO (OH) 12. Also worthy to note was great DX activity in the contest. These DX stations had 5 or more contacts: DL5MC 8, DL3GA 8, SP4JWR 7 and I4IKW 5. Looking forward to running mobile again in the next MiQP - **NU8Z/m** Great effort by both mobile and fixed stations. Forty meters is the best band from NH but it is always a zoo. Thanks to all. Rig was TS830X and Butternut HF6V vertical. LOG-EQF software - **W1END** Mainly 80/40M here. Did manage a few CW Qs on 20M. Nothing 15M. Still need Ionia; last one in MI. Good activity on both modes. Like the 12 hour format. Just wish I had more time to operate; maybe I would have worked Ionia! Thanks to the mobiles for a great effort. CU next year! 73 - **W2UDT** We ran two stations and operated Field Day style on Johns Island near Charleston, SC with a ground mounted 40 meter vertical and a folded dipole at 60' at the farm of Oscar, KG4MAF. It was cold (for us) at about 35° overnight. Good FD practice except that in June it will be about 100° day and night! Ops were K14AOC, Vince; KF4GLE, Mac; WA4DAX, Tom; W4MEL, Mel; W4NSC, Ed; AA4TB, Tom; KG4YGP, Fred; AND K4QO, Randy - **W4ANK** Nice to work some old friends again. Conditions were not that good -

W4CEO Poor propagation on on anything but 80/40 - **W4NTI** Fun contest, looking forward to the next one - **W5KDJ** Thanks for all the QSOs - **W6RLL** Lots of fun working such great operators. I hope to do it again next year. Band conditions rather noisy and signals mostly weak - **W7DPW** Great time...if points were given for moments of enjoyment we would win! - **W8EO** Spent the day in Pittsburgh, got home for a good hour and ran out of gas. Hear you next year - **W8KNO** Rippin' good fun, great first time experience for our group! - **W8ZHO** I was manually tracking my sent serial number after I discovered that the software wasn't storing it. Sent some duplicates and skipped some numbers. As usual, one of the top QSO parties - **WAØMHJ** This was my first time operating any contest, much less submitting logs. I had a lot of fun, and after operating almost 11 hours, I've gained new respect for all serious contest operators. It's a lot harder than one would at first think. I look forward to trying this again. My thanks for everyone involved getting this event together! - **W8NAB** Operated portable from Isabella county. Sure wish 40 had been 'kinder', but do did everybody else. 80 was fantastic! - **WF5X**

MiQP Plaque Program



High Score - Michigan Single Op - High Power

Sponsor: Hazel Park ARC

Winner: **Uli Ann, KK8I**



High Score - Michigan Single Op - Low Power

Sponsor: Eastern Michigan ARC

Winner: **Brian Cox, N8TC**



High Score - Michigan Single Op - QRP

Sponsor: Michigan QRP Club

Winner: **Steve Murphy, N8NM**



High Score - Michigan Multi-Op Single-Transmitter

Sponsor: Monroe County Radio Communications Association

Winner: **Station W8PIF - Ops: AA9PB, KØSN, KC8WJO, KC8WJN, KC8YZB & NS9B**



High Score - Michigan Multi-Op Multi-Transmitter

Sponsor: Adrian ARC

Winner: **Station K8XXX - Ops: K8AQM, K8DD, K8JM, K8MV, KN8W, KT8X, N8CC, W8IQ & WD8SDW**



High Score - Michigan Mobile, Solo-Operator

Sponsor: Utica Shelby Communications Association

Winner: **Hal Offutt, W1NN**



High Score - Michigan Mobile, Multi-Operator

Sponsor: Flying Beers International ARC

Winner: **Station K8MR/m - Ops K8MR, W8DRZ**



High Score - Michigan Club

Sponsor: Mad River Radio Club

Winner: **Marinette & Menominee Amateur Radio Club**



High Score - Out of State Single Operator, Eastern/Central

Sponsor: Cherryland Amateur Radio Club

Winner: **Larry Hammel, K5OT**



High Score - Out of State Single Operator, Mountain/Pacific

Sponsor: Southeastern Michigan DX Association

Winner: **Larry Lewis, KØRI**

The Most Counties Worked award in the cases of both In-State and Out-of-State entries were won by stations who also won their respective category plaques. This achievement will be identified on their single plaque, and multiple plaques will not be awarded.

Michigan Single-Op By County

Plaque Winners Are Shown In Red,
Certificate Winners Are Shown In BOLD

Callsign	Location	Score	QSOs	Mults	Pwr	Club
N8OC	BAY	1260	37	30	B	
K8VEB	CLIN	1700	50	34	B	
K8AO	DELT	84612	541	132	C	Delta County ARS
K8DDB	DICK	1672	38	22	A	Mich-A-Con ARC
N8HEE	EATO	5200	100	52	B	
KG8JK	EMME	2774	71	38	B	Straits Area ARC
W8ACW	GENE	8084	94	43	B	Genesee County RC
K8EO	GLAD	13024	167	74	B	L'Anse Creuse ARC
KB8ZML	GLAD	840	42	20	B	Gladwin Area ARC
N9EZ	GOG	44252	299	74	B	
N8TC	GRTR	123750	541	150	B	Cherryland ARC
AA8SN	GRTR	55250	274	130	B	Cherryland ARC
N8WK	GRTR	10140	156	65	B	Cherryland ARC
N8QX	GRTR	850	34	25	B	Cherryland ARC
W8SGR	GRTR	667	29	23	B	Cherryland ARC
W8TVT	GRTR	432	24	18	B	Cherryland ARC
W8UE	HILL	44460	252	95	B	
W8NA	HOUG	17556	148	84	B	
K8GVK	INGH	31104	383	81	C	
W8JRK	INGH	2574	66	39	B	Red Cedar ARC
WF5X	ISAB	26520	232	102	B	
K9TTT	JACK	3440	75	43	C	
N8BAR	KALK	7250	125	58	B	Eastern MI ARC
W8TWA	KENT	6765	93	55	C	
WA8DX (op. N8LJ)	LAPE	57645	307	105	B	Southeastern MI DX Association
AD8J	LEEL	100678	431	142	B	Mad River RC
W8WVU	LENA	36176	266	68	B	
K8KIC	LENA	16146	120	69	B	Adrian ARC
W8YL	LENA	6216	74	42	B	
K8YZA	LENA	2480	62	40	B	Adrian ARC
K8SIA	LIVI	17331	164	53	B	Mad River RC
K8RDJ	MACO	25515	205	63	B	USECA
K8WUZ	MACO	6625	125	53	B	L'Anse Creuse ARC
N8UO	MACO	5254	71	37	A	USECA
WA8BLJ	MACO	5040	72	35	B	L'Anse Creuse ARC
K8VFR	MACO	2376	44	27	B	L'Anse Creuse ARC
W8DJC	MACO	1736	62	28	B	
WB8E	MACO	1008	28	18	A	USECA
N8PYN	MACO	456	24	19	B	L'Anse Creuse ARC
KC8UKM	MACO	21	7	3	B	USECA
N8OZ	MACO	12	6	2	B	USECA
WI8C	MACO	2	2	1	B	USECA

Michigan Single-Op By County

Plaque Winners Are Shown In Red,
Certificate Winners Are Shown In BOLD

W8DFG	MACO	2	2	1	B	USECA
KD8AWZ	MACO	1	1	1	B	USECA
KC8CPT	MACO	1	1	1	B	USECA
K8FT	MACO	1	1	1	B	USECA
NV8N (op.N8RY)	MARQ	34968	371	93	B	UP DX & Contest Club
W8YLZ	MASO	100	10	10	B	
N8PUG	MECO	1323	49	27	B	
K8NB	MENO	4410	68	42	A	Marinette & Menominee ARC
K9TM	MONR	79328	386	134	B	
AF8CS	MONR	2769	71	39	B	Monroe County Radio Comm Assoc
KA8EBI	MONR	2310	77	30	B	Monroe County Radio Comm Assoc
KK8I	OAKL	175612	649	172	C	Southeastern MI DX Association
K8RO	OAKL	93825	429	135	B	L'Anse Creuse ARC
N8NX	OAKL	31328	223	89	B	Hazel Park ARC
K8GT	OAKL	13206	116	71	B	Mad River RC
N8BHT	OAKL	1551	47	33	B	South Lyon Area ARC
NF8M	OAKL	540	18	15	B	MI State Uuniversity ARC
W8UMT	OAKL	156	13	12	B	
N8NM	OCEA	29714	190	83	A	
N8NJA	OSCE	13604	179	76	B	Wexaukee ARC
W8UMP	OTTA	28182	231	61	B	
N8LMT	SANI	7670	130	59	B	
AC8W	STCL	10614	98	61	B	Eastern MI ARC
AA8K	STCL	64	8	8	B	Eastern MI ARC
KC8ITI	TUSC	2242	59	38	B	Midland ARC
K8AAX	WASH	18414	160	62	B	South Lyon Area ARC
KC8YFG	WASH	640	21	16	A	
W8SGZ	WASH	90	10	9	B	Arrow Communications Association
N8SS	WAYN	150936	659	152	C	Blossomland ARA
K8SAK	WAYN	29532	315	92	C	Motor City RC
N8XI	WAYN	12056	137	44	A	
K8SB	WAYN	9156	109	42	B	Motor City RC
K8AE	WAYN	1408	32	22	B	Motor City RC

Michigan Single-Op By Power

Plaque Winners Are Shown In Red

High Power Callsign	Location	Score	QSOs	Mults	Pwr	Club
KK8I	OAKL	175612	649	172	C	Southeastern MI DX Association
N8SS	WAYN	150936	659	152	C	Blossomland ARA
K8AO	DELT	84612	541	132	C	Delta County ARS
K8GVK	INGH	31104	383	81	C	
K8SAK	WAYN	29532	315	92	C	Motor City RC
W8TWA	KENT	6765	93	55	C	
K9TTT	JACK	3440	75	43	C	

Low Power Callsign	Location	Score	QSOs	Mults	Pwr	Club
N8TC	GRTR	123750	541	150	B	Cherryland ARC
AD8J	LEEL	100678	431	142	B	Mad River RC
K8RO	OAKL	93825	429	135	B	L'Anse Creuse ARC
K9TM	MONR	79328	386	134	B	
WA8DX (op. N8LJ)	LAPE	57645	307	105	B	Southeastern MI DX Association
AA8SN	GRTR	55250	274	130	B	Cherryland ARC
W8UE	HILL	44460	252	95	B	
N9EZ	GOGE	44252	299	74	B	
W8WVU	LENA	36176	266	68	B	
NV8N (op. N8RY)	MARQ	34968	371	93	B	UP DX & Contest Club
N8NX	OAKL	31328	223	89	B	Hazel Park ARC
W8UMP	OTTA	28182	231	61	B	
WF5X	ISAB	26520	232	102	B	
K8RDJ	MACO	25515	205	63	B	USECA
K8AAX	WASH	18414	160	62	B	South Lyon Area ARC
W8NA	HOUG	17556	148	84	B	
K8SIA	LIVI	17331	164	53	B	Mad River RC
K8KIC	LENA	16146	120	69	B	Adrian ARC
N8NJA	OSCE	13604	179	76	B	Wexaukee ARC
K8GT	OAKL	13206	116	71	B	Mad River RC
K8EO	GLAD	13024	167	74	B	L'Anse Creuse ARC
AC8W	STCL	10614	98	61	B	Eastern MI ARC
N8WK	GRTR	10140	156	65	B	Cherryland ARC
K8SB	WAYN	9156	109	42	B	Motor City RC
W8ACW	GENE	8084	94	43	B	Genesee County RC
N8LMT	SANI	7670	130	59	B	
N8BAR	KALK	7250	125	58	B	Eastern MI ARC
K8WUZ	MACO	6625	125	53	B	L'Anse Creuse ARC
W8YL	LENA	6216	74	42	B	
N8HEE	EATO	5200	100	52	B	
WA8BIJ	MACO	5040	72	35	B	L'Anse Creuse ARC
KG8JK	EMME	2774	71	38	B	Straits Area ARC
AF8CS	MONR	2769	71	39	B	Monroe County Radio Comm Assoc
W8JRK	INGH	2574	66	39	B	Red Cedar ARC
K8YZA	LENA	2480	62	40	B	Adrian ARC
K8VFR	MACO	2376	44	27	B	L'Anse Creuse ARC
KA8EBI	MONR	2310	77	30	B	Monroe County Radio Comm Assoc
KC8ITI	TUSC	2242	59	38	B	Midland ARC
W8DJC	MACO	1736	62	28	B	
K8VEB	CLIN	1700	50	34	B	
N8BHT	OAKL	1551	47	33	B	South Lyon Area ARC
K8AE	WAYN	1408	32	22	B	Motor City RC
N8PUG	MECO	1323	49	27	B	
N8OC	BAY	1260	37	30	B	
N8QX	GRTR	850	34	25	B	Cherryland ARC
KB8ZML	GLAD	840	42	20	B	Gladwin Area ARC
W8SGR	GRTR	667	29	23	B	Cherryland ARC
NF8M	OAKL	540	18	15	B	MI State Uuniversity ARC
N8PYN	MACO	456	24	19	B	L'Anse Creuse ARC
W8TVT	GRTR	432	24	18	B	Cherryland ARC
WA8UMT	OAKL	156	13	12	B	

Michigan Single-Op By Power

Plaque Winners Are Shown In Red

W8YLZ	MASO	100	10	10	B	
W8SGZ	WASH	90	10	9	B	
AA8K	STCL	64	8	8	B	Eastern MI ARC
KC8UKM	MACO	21	7	3	B	USECA
N8OZ	MACO	12	6	2	B	USECA
WI8C	MACO	2	2	1	B	USECA
W8DFG	MACO	2	2	1	B	USECA
KD8AWZ	MACO	1	1	1	B	USECA
KC8CPT	MACO	1	1	1	B	USECA
K8FT	MACO	1	1	1	B	USECA

QRP Power Callsign	Location	Score	QSOs	Mults	Pwr	Club
N8NM	OCEA	29714	190	83	A	
N8XI	WAYN	12056	137	44	A	
N8UO	MACO	5254	71	37	A	USECA
K8NB	MENO	4410	68	42	A	Marinette & Menominee ARC
K8DDB	DICK	1672	38	22	A	Mich-A-Con ARC
WB8E	MACO	1008	28	18	A	USECA
KC8YFG	WASH	640	21	16	A	

Michigan Mobiles

Plaque Winners Are Shown in Red
Certificate Winners Are Shown in Bold

Solo Operator						
Callsign	Location	Score	QSOs	Mults	Pwr	Club
WLNN	12 ctys	118701	591	109	B	Mad River RC
N9NE/m	7 ctys	64883	383	91	B	Marinette & Menominee ARC
WI9WI/m	4 ctys	13464	153	44	B	
KX8D	4 ctys	910	35	26	B	MI DX Association

Multi Operator						
Callsign	Location	Score	QSOs	Mults	Pwr	Club
K8MR/m (+W8DRZ)	19 ctys	164618	835	106	B	Mad River RC
WT9U/m (+WA9PQN)	27 ctys	124545	718	95	B	Goshen ARC
K8IR/m (+KG8CX)	17 ctys	111144	644	88	B	Marinette & Menominee ARC
AF8A/m (+W8AV)	20 ctys	98160	625	80	B	Mad River RC
NU8Z/m (+ND5S)	26 ctys	93360	787	60	B	Mad River RC
NE9U/m (+N9BCA)	13 ctys	85782	513	87	B	MN Wireless Association
K8EPV/m (+K8WMW)	6 ctys	21945	216	55	B	Eastern MI ARC
N8MR/m (ops N8MR, KC8NAH, KC8OBH, KC8PKY)	17 ctys	18684	180	54	B	Motor City RC
W8EO	1 cty	3034	71	41	B	
KC8YAK (+WD8QLY)	4 ctys	2331	63	37	B	

Michigan Multi-Ops

Plaque Winners Are Shown in Red
Certificate Winners Are Shown in Bold

Single Transmitter						
Callsign	Location	Score	QSOs	Mults	Pwr	Club
W8PIF (ops AA9PB, K0SN, KC8WJO, KC8WJN, KC8YZB, NS9B)	MENO	109385	476	131	C	Marinette & Menominee ARC
WD8S (ops K8TRF, N8JV, N8KV, WD8S)	OGEM	80640	388	126	B	IWPROC
W8VS (ops K8DSL, W8VS)	LIVI	78375	527	125	C	
W8PGW	WASH	43059	271	93	B	Arrow Communications Association
W8SH (ops K8MAS, KC8KBK, KC8ZHE, N8HM, WA8TUU)	INGH	27144	288	87	C	MI State University ARC
W8ZHO (ops W8ZHO, KC8MDJ, KC8MDL, AB8SC, AB8QH, KC8U)	MUSK	13359	146	73	B	Muskegon Area Amateur Radio Council
K8RCZ (ops K8RCZ, K8WZS)	KALK	12750	170	75	B	Cherryland ARC
N8UZE (ops K8BSG, N8UZE)	MACO	4512	92	48	B	Hazel Park ARC
W8NJH	WAYN	2220	54	30	C	Stu Rockafellow ARS
W8EO	CLIN	1550	50	31	B	

Multi Transmitter						
Callsign	Location	Score	QSOs	Mults	Pwr	Club
K8XXX (ops K8AQM, K8DD, K8JM, K8MV, KN8W, KT8X, N8CC, W8IQ, WD8SDW)	BARR	431631	1557	199	C	Eastern MI Contest Club
K8MQP (ops K8BB, K8CC, KE8OC, W8MJ)	CHEB	360360	1339	195	C	Mad River RC
N9FN (ops N9FN, N9YB)	BERR	42320	268	115	B	
K8UP (ops K8UP, K8KHZ)	OAKL	29299	268	83	C	Southeastern MI DX Association
W8RU	KALK	28119	207	91	B	Mad River RC
K8UO (ops W8RIT, N8VI, KC8RYX, W8EDX)	MACO	16948	202	76	C	USECA
W8UM (ops KG6URI, KD8APA, KD8APB, KC8UDG, KD8AAG)	WASH	5950	119	50	C	Univeristy of MI ARC
W4ANK	SC	3069	57	33	B	
RK2FWA (ops UA2FB, UA2FF, UA2FM)	DX	782	23	17	C	UA2 Contest Club
CU2JT	DX	680	20	17	C	

Non-Michigan Scores

Plaque Winners Are Shown in Red
Certificate Winners Are Shown in Bold

Eastern Region Single Op		Location	Score	QSOs	Mults	Pwr	Club
Callsign							
N4JF		AL	32472	204	88	A	
W4NTI		AL	7052	84	43	B	South East Contest Club
KI7GV		AR	640	32	20	B	
K7RB		AR	108	12	9	B	
K1KI		CT	2146	37	29	C	Yankee Clipper Contest Club
N8NA		DE	13330	128	62	B	
KA1DWX		DE	943	27	23	B	
WJ9B		FL	25050	192	75	C	FL Contest Group
KA0GGI		FL	18614	132	82	B	FL Contest Group
K4CC		FL	16575	128	75	C	FL Contest Group
N4TB		FL	2520	45	28	B	FL Contest Group
N4LF		FL	1976	39	26	B	
N9KS		FL	1430	33	26	B	
K4JAF		FL	540	30	18	B	FL Contest Group
W4CEO		FL	414	23	18	C	FL Contest Group
WN3USA		FL	72	9	8	B	
KG4MWO		FL	1	1	1	B	
KU8E		GA	54522	272	117	B	South East Contest Club
K4PIC		GA	6622	84	43	C	South East Contest Club
AE4Y		GA	6235	77	43	B	South East Contest Club
K4AQ		GA	2548	49	26	A	South East Contest Club
K4BAI		GA	1575	33	25	C	South East Contest Club
WD4LYV		GA	551	29	19	B	
KG9LZ		IL	374	17	11	B	
K9FH		IL	1	1	1	C	Single Digit Contesters
W9RE		IN	20793	146	87	B	Society of Midwest Contesters
WB9CIF		IN	7968	83	48	C	Hoosier DX and Contest Club
K1TN		IN	7050	77	50	B	
KJ9C		IN	5593	67	47	B	Hoosier DX and Contest Club
WN8P		KS	1848	33	28	B	
WA4VAP		KY	378	15	14	B	
KG4ZXP		KY	143	11	11	B	
N5YE		LA	2208	69	32	B	
W1TO		MA	7140	85	42	B	Yankee Clipper Contest Club
NB1B		MA	2052	45	27	B	Yankee Clipper Contest Club
K3TW		MD	3145	47	37	A	Potomac Valley Radio Club
KF3BN		MD	240	16	15	B	
K0GSV		MO	10921	94	67	B	
KC0CQD		MO	252	18	14	B	
N0IJ		MN	13936	122	67	B	MN Wireless Association
N0UR		MN	9975	101	57	A	MN Wireless Association
KE0G		MN	7392	84	44	A	
NOAT		MN	6952	79	44	C	MN Wireless Association
K0TK		MN	6783	76	51	B	MN Wireless Association
K0MPH		MN	6110	82	47	B	MN Wireless Association
WA0MHJ		MN	4242	58	42	B	MN Wireless Association
K4IU		MN	1350	34	25	C	MN Wireless Association
AA0AW		MN	690	23	15	B	MN Wireless Association

Non-Michigan Scores
Plaque Winners Are Shown in Red
Certificate Winners Are Shown in Bold

KJ5RC	MS	850	34	25	B	
AK4GY	NC	3232	55	32	B	
N0WY	NE	399	21	19	B	Heartland DX Association
N1IW	NH	11446	111	59	B	Yankee Clipper Contest Club
W1END	NH	1776	37	24	B	Yankee Clipper Contest Club
W2UDT	NJ	10560	109	60	C	
N2CQ	NJ	8160	80	51	A	Frankford Radio Club
W2YC	NJ	3520	55	32	C	Frankford Radio Club
W2LE	NJ	1680	37	30	C	Frankford Radio Club
N2CU	NY	49491	256	117	B	Western NY DX Association
WB2ABD	NY	11446	105	59	B	
WB8NAB	NY	5984	74	44	B	
WA2BQI	NY	4128	53	43	A	
KG2V	NY	2240	64	35	B	
N2ZN	NY	406	18	14	B	
K8AJS	OH	19513	143	79	B	Wayne County ARC
W8TM	OH	8058	79	51	A	
N8BJQ	OH	3230	50	34	B	
W8PN	OH	608	19	16	B	West Park Radiops
W8KNO	OH	456	24	19	B	
KC8UR	OH	220	12	11	B	
KB8PAI	OH	49	7	7	B	
K5YAA	OK	8000	86	50	C	OK DX Association
KD5TXL	OK	448	25	16	B	
VE3CR	ON	6223	88	49	C	Contest Club Ontario
VA3IX	ON	154	12	11	B	
N3GJ	PA	17100	133	75	B	North Coast Contesters
W3BBO	PA	14152	122	58	B	
K3BZ	PA	5452	116	47	C	
N3KN	PA	4400	61	44	C	
AB3AI	PA	4256	59	38	B	
W3AG	PA	1798	35	29	A	
AA3B	PA	1700	34	25	C	Frankford Radio Club
W3ZMN	PA	660	22	15	A	
VE2AWR	QC	3465	55	33	B	
WD0BMS	SD	1247	43	29	C	
K4LTA	TN	22912	179	64	C	TN Contest Group
NA4K	TN	12672	114	64	B	Tennessee Contest Group
K4AMC	TN	12411	110	63	B	Tennessee Contest Group
NY4N	TN	2904	52	33	B	
WA4OSD	TN	2800	49	35	B	TN Contest Group
KW4JS	TN	468	18	13	A	
K5OT (@ W5KFT)	TX	67914	306	126	C	Central TX DX & Contest Club
K5WAF	TX	20292	139	76	C	TX DX Society
KG5U	TX	14616	109	72	A	
K5SF	TX	5719	73	43	C	North TX Contest Club
W5KDJ	TX	3240	54	30	A	
N4VA	VA	8848	89	56	B	
K8SYH	VA	5117	75	43	B	
K4UK	VA	1472	32	23	A	
K2EKM	VA	480	18	16	A	

Non-Michigan Scores

Plaque Winners Are Shown in Red
Certificate Winners Are Shown in Bold

K9OM	WI	32544	207	96	B	FL Contest Group
KB9S	WI	4830	69	35	B	MN Wireless Association
K8ZZV	WI	4700	68	47	B	
W9WUU	WI	4181	61	37	B	Society of Midwest Contesters
W9OA	WI	2436	42	29	B	Northern IL DX Association
KC9ECI	WI	544	20	16	A	
KB9OWD	WI	390	19	15	B	
NW8U	WV	25276	168	89	C	
K8JQ	WV	11448	108	53	C	
K8KFJ	WV	2573	44	31	B	Kanawha ARC

Western Region Single-Operator Callsign

Callsign	Location	Score	QSOs	Mults	Pwr	Club
W6RLL	AZ	5254	71	37	B	
VA7MJR	BC	35	7	5	B	
VE7TLH	BC	4	2	2	B	
N6MU	CA	22440	147	88	B	
W6KC	CA	6630	72	51	C	
W6PRI	CA	1750	37	25	B	
K0RI	CO	38313	225	99	C	Grand Mesa Contesters of CO
NW7MT (NW7O, op.)	MT	912	38	24	B	
AE7DX	NV	30	6	5	B	Northern CA Contest Club
N7VS	OR	820	26	20	B	Willamette Valley DX Club
KC6MZY	OR	16	4	4	B	Willamette Valley DX Club
K7QQ	WA	27084	183	74	C	Western WA DX Club
W7DPW	WA	9180	85	54	C	Willamette Valley DX Club
W7OM	WA	5796	69	46	C	Western WA DX Club

Multi-Operator Callsign

Callsign	Location	Score	QSOs	Mults	Pwr	Club
W4ANK (ops AA4TB, K4QO; KI4AOC, KF4GLE, KG4YGP, W4MEL, W4NSC, WA4DAX)	SC	3069	57	33	B	Trident Amateur Radio Club

Non-Michigan Single-Op Scores By Region and Power

Eastern Region Single Op Callsign

Callsign	Location	Score	QSOs	Mults	Pwr	Club
K5OT (@ W5KFT)	TX	67914	306	126	C	Central TX DX & Contest Club
NW8U	WV	25276	168	89	C	
WJ9B	FL	25050	192	75	C	FL Contest Group
K4LTA	TN	22912	179	64	C	TN Contest Group
K5WAF	TX	20292	139	76	C	TX DX Society
K4CC	FL	16575	128	75	C	FL Contest Group
K8JQ	WV	11448	108	53	C	
W2UDT	NJ	10560	109	60	C	
K5YAA	OK	8000	86	50	C	OK DX Association
WB9CIF	IN	7968	83	48	C	Hoosier DX and Contest Club
NOAT	MN	6952	79	44	C	MN Wireless Association
K4PIC	GA	6622	84	43	C	South East Contest Club
VE3CR	ON	6223	88	49	C	Contest Club Ontario
K5SF	TX	5719	73	43	C	North TX Contest Club
K3BZ	PA	5452	116	47	C	
N3KN	PA	4400	61	44	C	
W2YC	NJ	3520	55	32	C	Frankford Radio Club
K1KI	CT	2146	37	29	C	Yankee Clipper Contest Club
AA3B	PA	1700	34	25	C	Frankford Radio Club
W2LE	NJ	1680	37	30	C	Frankford Radio Club
K4BAI	GA	1575	33	25	C	South East Contest Club
K4IU	MN	1350	34	25	C	MN Wireless Association
WD0BMS	SD	1247	43	29	C	
W4CEO	FL	414	23	18	C	FL Contest Group
K9FH	IL	1	1	1	C	Single Digit Contesters
KU8E	GA	54522	272	117	B	South East Contest Club
N2CU	NY	49491	256	117	B	Western NY DX Association
K9OM	WI	32544	207	96	B	FL Contest Group
W9RE	IN	20793	146	87	B	Society of Midwest Contesters
K8AJS	OH	19513	143	79	B	Wayne County ARC
KA0GGI	FL	18614	132	82	B	FL Contest Group
N3GJ	PA	17100	133	75	B	North Coast Contesters
W3BBO	PA	14152	122	58	B	
N0IJ	MN	13936	122	67	B	MN Wireless Association
N8NA	DE	13330	128	62	B	
NA4K	TN	12672	114	64	B	Tennessee Contest Group
K4AMC	TN	12411	110	63	B	Tennessee Contest Group
N1IW	NH	11446	111	59	B	Yankee Clipper Contest Club
WB2ABD	NY	11446	105	59	B	
K0GSV	MO	10921	94	67	B	
N4VA	VA	8848	89	56	B	
W1TO	MA	7140	85	42	B	Yankee Clipper Contest Club
W4NTI	AL	7052	84	43	B	South East Contest Club
K1TN	IN	7050	77	50	B	
K0TK	MN	6783	76	51	B	MN Wireless Association
AE4Y	GA	6235	77	43	B	South East Contest Club
K0MPH	MN	6110	82	47	B	MN Wireless Association
WB8NAB	NY	5984	74	44	B	
KJ9C	IN	5593	67	47	B	Hoosier DX and Contest Club
K8SYH	VA	5117	75	43	B	
KB9S	WI	4830	69	35	B	MN Wireless Association
K8ZZV	WI	4700	68	47	B	
AB3AI	PA	4256	59	38	B	
WA0MHJ	MN	4242	58	42	B	MN Wireless Association
W9WUU	WI	4181	61	37	B	Society of Midwest Contesters
VE2AWR	QC	3465	55	33	B	
AK4GY	NC	3232	55	32	B	
N8BJQ	OH	3230	50	34	B	
NY4N	TN	2904	52	33	B	
WA4OSD	TN	2800	49	35	B	TN Contest Group
K8KFJ	WV	2573	44	31	B	Kanawha ARC
N4TB	FL	2520	45	28	B	FL Contest Group
W9OA	WI	2436	42	29	B	Northern IL DX Association

Non-Michigan Single-Op Scores By Region and Power

KG2V	NY	2240	64	35	B	
N5YE	LA	2208	69	32	B	
NB1B	MA	2052	45	27	B	Yankee Clipper Contest Club
N4LF	FL	1976	39	26	B	
WN8P	KS	1848	33	28	B	
W1END	NH	1776	37	24	B	Yankee Clipper Contest Club
N9KS	FL	1430	33	26	B	
KA1DWX	DE	943	27	23	B	
KJ5RC	MS	850	34	25	B	
AA0AW	MN	690	23	15	B	MN Wireless Association
KI7GV	AR	640	32	20	B	
W8PN	OH	608	19	16	B	West Park Radiops
WD4LYV	GA	551	29	19	B	
K4JAF	FL	540	30	18	B	FL Contest Group
W8KNO	OH	456	24	19	B	
KD5TXL	OK	448	25	16	B	
N2ZN	NY	406	18	14	B	
N0WY	NE	399	21	19	B	Heartland DX Association
KB9OWD	WI	390	19	15	B	
WA4VAP	KY	378	15	14	B	
KG9LZ	IL	374	17	11	B	
KC0CQD	MO	252	18	14	B	
KF3BN	MD	240	16	15	B	
KC8UR	OH	220	12	11	B	
VA3IX	ON	154	12	11	B	
KG4ZXP	KY	143	11	11	B	
K7RB	AR	108	12	9	B	
WN3USA	FL	72	9	8	B	
KB8PAI	OH	49	7	7	B	
KG4MWO	FL	1	1	1	B	
N4JF	AL	32472	204	88	A	
KG5U	TX	14616	109	72	A	
N0UR	MN	9975	101	57	A	MN Wireless Association
N2CQ	NJ	8160	80	51	A	Frankford Radio Club
W8TM	OH	8058	79	51	A	
KE0G	MN	7392	84	44	A	
WA2BQI	NY	4128	53	43	A	
W5KDJ	TX	3240	54	30	A	
K3TW	MD	3145	47	37	A	Potomac Valley Radio Club
K4AQ	GA	2548	49	26	A	South East Contest Club
W3AG	PA	1798	35	29	A	
K4UK	VA	1472	32	23	A	
W3ZMN	PA	660	22	15	A	
KC9ECI	WI	544	20	16	A	
K2EKM	VA	480	18	16	A	
KW4JS	TN	468	18	13	A	

Western Region Single-Operator Callsign

Callsign	Location	Score	QSOs	Mults	Pwr	Club
K0RI	CO	38313	225	99	C	Grand Mesa Contesters of CO
K7QQ	WA	27084	183	74	C	Western WA DX Club
W7DPW	WA	9180	85	54	C	Willamette Valley DX Club
W6KC	CA	6630	72	51	C	
W7OM	WA	5796	69	46	C	Western WA DX Club
N6MU	CA	22440	147	88	B	
W6RLL	AZ	5254	71	37	B	
W6PRI	CA	1750	37	25	B	
NW7MT (NW7O, op.)	MT	912	38	24	B	
N7VS	OR	820	26	20	B	Willamette Valley DX Club
VA7MJR	BC	35	7	5	B	
AE7DX	NV	30	6	5	B	Northern CA Contest Club
KC6MZY	OR	16	4	4	B	Willamette Valley DX Club
VE7TLH	BC	4	2	2	B	

DX Stations

Certificate Winners Are Shown In Bold

Single Operator Callsign	Location	Score	QSOs	Mults	Pwr	Club
DL3GA	DX	7154	72	49	C	
SP4JWR	DX	6720	70	48	C	
I4IKW	DX	3234	49	33	C	
LY3BA	DX	1650	33	25	C	KTU RC
CU2JT	DX	680	20	17	C	
UT5UIA	DX	360	15	12	C	
DL6KVA	DX	288	12	12	C	
HA2MN	DX	8	2	2	B	

Multi Operator Callsign	Location	Score	QSOs	Mults	Pwr	Club
RK2FWA (ops UA2FB, UA2FF, UA2FM)	DX	782	23	17	C	UA2 Contest Club

Club Combined Scores

Michigan Clubs (two scores minimum)

Callsign	Score	Club
K8KIC	16146	Adrian ARC
K8YZA	2480	Adrian ARC
18626		
W8PGW	43059	Arrow Communications Association
W8SGZ	90	Arrow Communications Association
43149		
N8TC	123750	Cherryland ARC
AA8SN	55250	Cherryland ARC
K8RCZ	12750	Cherryland ARC
N8WK	10140	Cherryland ARC
N8QX	850	Cherryland ARC
W8SGR	667	Cherryland ARC
W8TVT	432	Cherryland ARC
203839		
K8EPV	21945	Eastern MI ARC
AC8W	10614	Eastern MI ARC
N8BAR	7250	Eastern MI ARC
AA8K	64	Eastern MI ARC
39873		
N8NX	31328	Hazel Park ARC
N8UZE	4512	Hazel Park ARC
35840		
K8RO	93825	L'Anse Creuse ARC
K8EO	13024	L'Anse Creuse ARC
K8WUZ	6625	L'Anse Creuse ARC
WA8BIJ	5040	L'Anse Creuse ARC
K8VFR	2376	L'Anse Creuse ARC
N8PYN	456	L'Anse Creuse ARC
121346		
K8IR	111144	Marinette and Menominee ARC
W8PIF	109385	Marinette and Menominee ARC
N9NE	64883	Marinette and Menominee ARC
K8NB	4410	Marinette and Menominee ARC
289822		
AF8CS	2769	Monroe County Radio Comm Assoc
KA8EBI	2310	Monroe County Radio Comm Assoc
5079		
K8SAK	29,532	Motor City RC
N8MR	18,684	Motor City RC
K8SB	9156	Motor City RC
K8AE	1408	Motor City RC
58,780		
W8SH	27144	MI State University ARC
NF8M	540	MI State University ARC
27684		
KK8I	175612	Southeastern MI DX Association
WA8DX	57645	Southeastern MI DX Association
K8UP	29299	Southeastern MI DX Association
262556		
K8AAX	18414	South Lyon Area ARC
N8BHT	1551	South Lyon Area ARC
19965		

Non-Michigan Clubs (two scores minimum)

Callsign	Score	Club
K9OM	32544	FL Contest Group
WJ9B	25050	FL Contest Group
KA0GGI	18614	FL Contest Group
K4CC	16575	FL Contest Group
N4TB	2520	FL Contest Group
K4JAF	540	FL Contest Group
W4CEO	414	FL Contest Group
96257		
N2CQ	8160	Frankford RC
W2YC	3520	Frankford RC
AA3B	1700	Frankford RC
W2LE	1680	Frankford RC
15060		
WB9CIF	7968	Hoosier DX and Contest Club
KJ9C	5593	Hoosier DX and Contest Club
13561		
N0IJ	13936	MN Wireless Association
N0UR	9975	MN Wireless Association
N0AT	6952	MN Wireless Association
K0TK	6783	MN Wireless Association
K0MPH	6110	MN Wireless Association
WA0MHJ	4242	MN Wireless Association
K4IU	1350	MN Wireless Association
AA0AW	690	MN Wireless Association
KB9S	4830	MN Wireless Association
54868		
W9RE	20793	Society of Midwest Contesters
W9WUU	4181	Society of Midwest Contesters
24974		
KU8E	54522	South East Contest Club
W4NTI	7052	South East Contest Club
K4PIC	6622	South East Contest Club
AE4Y	6235	South East Contest Club
K4AQ	2548	South East Contest Club
K4BAI	1575	South East Contest Club
78554		
K4LTA	22912	TN Contest Group
NA4K	12672	TN Contest Group
K4AMC	12411	TN Contest Group
WA4OSD	2800	TN Contest Group
50795		
K7QQ	27084	Western WA DX Club
W7OM	5796	Western WA DX Club
32880		
W7DPW	9180	Willamette Valley DX Club
N7VS	820	Willamette Valley DX Club
KC6MZY	16	Willamette Valley DX Club
10016		
N1IW	11446	Yankee Clipper Contest Club
W1TO	7140	Yankee Clipper Contest Club
K1KI	2146	Yankee Clipper Contest Club
NB1B	2052	Yankee Clipper Contest Club
W1END	1776	Yankee Clipper Contest Club
110352		

Club Combined Scores

K8RDJ	25515	USECA
K8UO	16948	USECA
N8UO	5254	USECA
WB8E	1008	USECA
KC8UKM	21	USECA
N8OZ	12	USECA
WI8C	2	USECA
W8DFG	2	USECA
KD8AWZ	1	USECA
KC8CPT	1	USECA
K8FT	1	USECA

48765

Club Rankings

entries

289822	4	Marinette and Menominee ARC
262556	3	SEMDXA
203839	7	Cherryland ARC
121346	6	L'Anse Creuse ARC
58780	4	Motor City RC
48765	11	USECA
43149	2	Arrow Communications Association
39873	4	Eastern MI ARC
35840	2	Hazel Park ARC
27684	2	MI State Uuniversity ARC
19965	2	South Lyon Area ARC
18626	2	Adrian ARC
5079	2	Monroe County Radio Comm Assoc

entries

96257	7	FL Contest Group
110352	5	Yankee Clipper Contest Club
78554	6	South East Contest Club
54868	9	MN Wireless Association
50795	4	TN Contest Group
24974	2	Society of Midwest Contesters
32880	2	Western WA DX Club
15060	4	Frankford Radio Club
13561	2	Hoosier DX and Contest Club
10016	3	Willamette Valley DX Club