



Results 2011 Michigan QSO Party

<http://www.miqp.org>

Sponsored by
The Mad River Radio Club

By Dave Pruett, K8CC

Each year, April signifies the coming of spring, and it also brings the Michigan QSO Party. Compared to 2010, the 2011 MiQP saw a small uptick in log entries (289 entries vs. 280 last year), but thanks to improving conditions, activity was way up. Reported QSOs set a new record for MiQP (45,562 vs. 41,666 in 2008) with 3,316 unique callsigns appearing in those logs (although not a new record, it was the third highest in the history of the MiQP).

The table below shows the breakdown of QSOs from the contest. After several mediocre years, 40M regained its title of "most important MiQP band" in a huge way with an increase in QSOs of 91.5% vs.

	80	40	20	15	10	total
CW	3862	10485	3926	324	10	18607
SSB	5951	17175	3438	372	19	26955
Tot	9813	27660	7364	696	29	45562
Pct	22%	61%	16%	1.5%	.06%	-
Vs 2007	-30%	+92%	+40%	+995 %	+362 %	+26%

2010! It did so apparently, at the expense of 80M, which had a 40% drop and many entries reported dramatically lower levels of activity on that band during daytime. 20M had a healthy increase (37.6%) while 15M finally showed signs of life with 681 total QSOs (up 995% with more QSOs than the past ten years combined on that band!) Even 10M had a 362% increase, and more QSOs than the past three years combined on that band!

Both CW and SSB were up this year. On both modes, it was 40M which made the big difference. The surge on 15M was a boon for many operators out west, providing QSOs on two additional band-modes which have been mostly barren wastelands in recent years.

Unfortunately, we have to report that only 82 of the 83 MI counties were active during the contest, with the missing county being Cheboygan. This is ironic when you recall that as recently as 2007, CHEB was easily workable due to the K8MQP multi-op effort. We'll have to see if

we can't develop some MiQPers there for 2012. The five most active counties were Oakland, Berrien, Wayne, Macomb and Ingham. Oakland, Berrien and Wayne repeat from 2010, while Macomb and Ingham moved into the top five, displacing Washtenaw and Livingston. The five least active counties were Roscommon, Gogebic, Oscoda, Dickinson, and of course Cheboygan. None of these were repeats from 2010. As in 2010, none of these hard-to-find counties had fixed station operations this year, relying on transient mobile stations for their activity. Perhaps a strategic hint for 2012...

From the out-of-state areas, QSOs were reported with 56 of the 63 geographic entities on CW, 60 of 63 on SSB and 60 of 63 overall. Its remarkable that these numbers are **identical** to last year. The five most active out-of-state areas were Ohio, Wisconsin, Minnesota, Pennsylvania, and DX. Ohio, Wisconsin and Pennsylvania are repeats from 2010, while Minnesota and DX bumped Georgia (6th) and Texas (13th) from last year's top-five. No QSOs were reported with three entities: Nunavut, Yukon Territories and Newfoundland-Labrador. All of these are typically difficult to get in MiQP, although the latter was workable last year.

County Activity

54 counties were represented by fixed station operations, which is the best ever for MiQP, and a step towards our goal of having fixed station entries from all 83 counties. Overall, MiQP entries worked an average of 35.7 counties in 2011 vs. 31.4 in 2010. Michigan stations were the big winners in this regard; their average number of counties worked rose from 33.8 in 2010 to 40.8 in 2011, which can probably be attributed to the shorter skip on 40M which made it easier to work the mobiles as they moved from county to county. The number of counties worked by non-Mich stations also rose, but by a smaller amount: from 29.4 in 2010 to 30.9 in 2011. No Michigan counties saw first-ever recorded fixed station entries in 2011 which leaves only two Michigan counties which have never had a fixed station MiQP entry re-

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ported: Ontonagon and Schoolcraft.

Records

2011 turned out to be a year where a number of records were seriously challenged, but few were broken. Nonetheless, the crew at K8XXX set a new record for the Michigan Multi-multi category at 737,352, beating their previous mark set in 2009. Also, the crew at **W8OAK**, the Oakland County EOC, clobbered their record for EOC stations set last year by more than double, raising the bar to 265,556. **Laci, OM2VL** bumped his existing record set last year for high power DX stations to 34,338. Finally, **Scott, WB2REI/8** set a new mark for the number of counties worked by a Michigan single-operator with 67, breaking the mark formerly shared by N8SS, N8M and K8MM.

In addition, 42 new fixed station and 7 new mobile records were set at the county level. We congratulate all of the record setters for the effort they put into the 2010 MiQP.

Log Problems

This year, we seemed to have more problems with logs than normal. These problems generally fell into one of three categories. The first type was the result of people logging the contest with a general-purpose logging program, and when the Cabrillo file was generated, some or all of the information logged from the stations being worked was omitted by the program. In this situation, an e-mail was sent to the entrant informing them of the problem and asking for a repaired log. In many of these cases, this information was missing from EVERY QSO, so with every QSO being bad, the final score was zero, unfortunately providing no public acknowledgement for their efforts in MiQP.

Second, a number of logs had errors in their entry category. For example, the log indicates "SINGLE-OP" and perhaps their soapbox comments describe a multi-op effort. Or occasionally the log indicates "SINGLE-OP" but doesn't indicate the power level. If the log doesn't clearly indicate the power level or category

(e.g., "high", "low" or "QRP"), the log is defaulted to high power.

Finally, we have a consistent problem with the popular N3FJP Logging Program with multi-operator entries. Apparently, this program does not provide the capability to record the callsigns of the operators of a multi-op station, so entrants are recording the operators' calls along with the station callsign in the station callsign field. This requires the logcheckers to manually edit the files, so that the scoring and contest report will be accurate. If multi-op entries using N3FJP would simply add an additional line to their Cabrillo file beginning with "OPERATORS:" and listing the operators' calls it would save the logchecker's time and ensure that the list of calls is reported accurately.

Remembering Hank Kohl, K8DD SK

Back in November 2010, the MiQP community lost a good friend and ardent MiQP supporter with the passing of **Hank Kohl, K8DD**. Hank was an active MiQP participant for at least three decades, and he resurrected the contest in 1997 after it suffered a two year hiatus due to confusion over dates and conflicts with the Dayton Hamvention. He did the logchecking and results for 1997 and 1998, and accepted a position on the MiQP Organizing Committee when MRRC took over in 1999. It was Hank's persistent enthusiasm for MiQP which got this author (K8CC) involved with it that year. Hank was a long time member of MRRC, QRP ARCI, EMARC and other clubs. In this, our first MiQP without him, it seems only fitting to remember his leadership and many contributions to our event.

Acknowledgements

Once again, this editor would like to acknowledge that producing these MiQP results is not a one man show. Our thanks go to **Ron, W8RU** and his daughter **Caroline**, who typed the 30 or so paper logs received into the computer for log checking and scoring. Also, much appreciation to **Mike, WD8S** who manages the certificates and plaques for the MiQP awards program, and to **Everett Jackson, WZ8P** and the team at Franklin Printing in Zanes-

ville, OH for their assistance in creating the beautiful MiQP plaques.

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 27-28, 2011**, also sponsored by the Mad River Radio Club. Come join in the fun!

And now, on to the results.

Single-Operator

MI High Power

Call	Cty	QSOs	Mults	Score
N8SS	WAYN	810	184	215,832
W8VS	LIVI	568	155	121,985
K8CIT	MTMO	523	160	112,320

It's now six in a row for the high power single op category winner **Earl Morse, N8SS**, operating from Wayne county. Earl's band breakdowns of 224/422/120/41/3 mirrored the contest overall: less 80M, more 40M, with a decent 15M total as well. His best hour for rate was the start of the contest with 93 QSOs in the 16Z hour. His worst hour was 20Z but even then he had 48 QSOs. N8SS's QSOs were split 45%/55% between CW and phone with a similar balance for multipliers. Earl worked 61 Michigan counties and operated the full contest period.

In second place is a station new to the single-op top three box, but not unknown to MiQP: that is, **Richard, W8VS**, operating from Livingston County. Rich's breakdowns of 106/401/61 show a lot of emphasis on 40M like N8SS, and he had 61% of his QSOs on phone. His best hour of the contest was 01Z with 76 QSOs. Rich worked 59 Michigan counties and operated the full contest period.

In third place was **Art, K8CIT** from Montmorency County. Just like N8SS and W8VS, Art's band breakdowns of 93/428/2 showed the value of 40M, and he made 344 of his 523 QSOs on phone. Also like N8SS, Art's best hour was the first, with 77

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QSOs, and his worst hour was the last with 17 QSOs due to going QRT a few minutes early. K8CIT worked 61 counties and 103 different multipliers. He operated almost the full contest period, leaving 18 minutes of operating time on the table at the end of the contest.

MI Low Power

Call	Cty	QSOs	Mults	Score
WB8WKQ	LAPE	682	169	159,874
N1IW	MTMO	631	158	145,676
WA1UJU	HOUG	500	151	123,971

Two years ago, he was MiQP Rookie Of The Year and finished second in the SOLP competition. He was second again last year, but this year he grabs the top spot for single-operator low power - and that's **Jeff Miller, WB8WKQ** operating from Lapeer County. It's a different game running low power, but Jeff score looks a lot like the high power winners. His log shows band breakdowns of 149/391/131/11, showing a successful preference for 40M and a moderate bias towards phone. The best part of the contest for Jeff were 18Z and 19Z hours with rates of 91 then 79 QSOs, which propelled him into a lead which he never relinquished. Jeff worked 107 unique multipliers and 57 Michigan counties and operated the entire contest period.

This year's second place low power finisher moved up one spot from third last year, and that is **Mike, N1IW**, who traveled all the way from his home in New Hampshire to his vacation QTH in Montmorency County to operate MiQP. Mike's is a true portable affair, set up just for the contest. His QSO breakdown of 143/352/125/11 looks a lot like WB8WKQ, and indeed Mike finished only slightly behind Jeff. Mike's best hour was 20Z with 82 QSOs, but that was immediately preceded by a 13 QSO hour during 19Z. Mike operated the full contest period, and wound up working 101 unique multipliers and 57 Michigan counties.

His callsign might look like that of an outsider, but **Glen, WA1UJU** from

Houghton County is a Michigan resident and finished in third place for single-op low power. His band breakdown of 110/289/99/2 was similar to the other top finishers, although Glen bucked the "phone preference" trend with 64% of his QSOs on CW (although his multipliers were almost perfectly balanced by modes). Glen's best hour was the first with 76 QSOs. He operated the full contest period, and worked 100 unique multipliers and 58 different Michigan counties.

MI QRP

Call	Cty	QSOs	Mults	Score
K6JSS/wash (KT8K op.)	WASH	279	107	52,002
K6JSS/Meco (N8XX op.)	MECO	202	87	63,042
KC8LTL	JACK	150	63	17,070

The big news in the world of MiQP QRP this year were the K6JSS operations by members of the QRP ARC International, in celebration of the club's 50th anniversary. K6JSS is the club's callsign, and there were six entries signing "K6JSS/county" in the contest, five single operators and one multi-operator single-transmitter (all QRP, of course).

Two of those K6JSS operations show up in the QRP leaders box, including the winner **K6JSS/WASH** from Washtenaw County operated by **Tim Prosser, KT8K**. Tim's was a solid entry, with band breakdowns of 71/177/30/1, with heavy emphasis on CW. QRP is probably the most challenging category in any contest, but Tim ran consistent rates in the 20 QSOs/hour range for all but one hour (21Z), and even then still had 16 QSOs. He was active the entire contest period, and worked 77 unique multipliers and 47 Michigan counties.

Another K6JSS operation, this one **K6JSS/MECO** from Mecosta County operated by **Hank, N8XX** finished in second place. This was a true portable operation, and Hank missed the first half hour getting set up and the last hour taking down his station. His band breakdowns were 89/87/26 and like his other QRP competition was mostly on CW. Still, he managed enough QSOs on phone to have a reasonable multiplier count

there. His best hour of the contest was 17Z with 34 QSOs. Hank operated 9:25 of the contest, and worked 65 unique multipliers including 40 Michigan counties.

The third place QRP single-operator was **Ken, KC8LTL** operating from Jackson County. Ken had band breakdowns of 20/123/7, with 80% of his QSOs on CW. His best hours of the contest were 20Z and 01Z, with 20 QSOs apiece, but he was QRT for the 22Z and 23Z hours. As a result, he only operated for 8:48 of the contest. Still Ken managed to put 48 unique multipliers including 42 Michigan counties into his log.

Non-Michigan Eastern/Central Region

The competition between non-Michigan entries is always interesting because of how geography affects band selection for Michigan QSOs, and ultimately the results. Stations close to Michigan have to rely on the low bands for their MiQP QSOs, while stations a little further away can utilize 20M and even 15M.

Call	Location	QSOs	Mults	Score
N4PN	GA	328	123	57,810
WA3HAE	PA	238	111	42,402
NS9I	WI	247	106	40,386

The Eastern Region, Non-MI Single Operator category provided a vivid example of this dichotomy of geography and the resulting strategies. This year's winner of the Eastern/Central region plaque is no stranger to that position, and that is **Paul Newberry, N4PN**, operating from his QTH in Georgia. Paul's breakdown of 29/116/182/1 shows that for him, there was "no meters like 20 meters", with over half of his QSOs on that band. 57% of Paul's QSOs were on phone, but his multipliers were almost evenly divided between modes. Paul's best hour of the contest was 17Z with 48 QSOs, and he was active during the entire contest period. N4PN ran high power, and worked 72 different Michigan counties (the most of any entry for 2011).

In second place was **Keith, WA3HAE** from Pennsylvania who il-

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illustrates the other half of the "near vs. far" equation. Compared to N4PN, who made over half of his QSOs on 20M, Keith made all of his QSOs on 80M (47) and 40M (191). He also relied more heavily on CW, where he made 61% of his QSOs and a similar percentage of his multipliers. Like Paul, Keith's best hour of the contest was 17Z with 33 QSOs, and he was active the entire contest period. WA3HAE ran low power, and worked 71 different Michigan counties.

Dwight, NS9I operating from Wisconsin grabbed third place. Dwight's score from west of Michigan looks very similar to WA3HAE's score from east of Michigan as neither were able to utilize 20M for MiQP QSOs. The NS9I band breakdown was 77/170/0, a little better on 80M and a little worse on 40M compared to Keith. 54% of NS9I's QSOs were on CW with a similar percentage for multipliers. Dwight's best hour of the contest was the first with 38 QSO, and he operated 11:13 of the contest. He ran low power and worked 68 different Michigan counties.

Non-Michigan Mountain/Pacific Region

Call	Location	QSOs	Mults	Score
N6MA	AZ	242	100	41,200
KO7X	WY	211	78	26,910
N6MU	CA	177	84	25,368

While the eastern/central region can have significant differences in propagation dues to differences in distance from Michigan, out in the Mountain/Pacific region everyone is a long distance from Michigan. As a result, we saw a number of differing band strategies among the top three stations, which also affected their amount of operating time.

Taking the top spot out west was a station that had done it previously: **Paul Gagnon, N6MA** operating from Arizona. The N6MA band breakdowns were 33/83/107/19, thus the high bands (20M & 15M) provided 52% of his QSOs, with CW accounting for 70% of his QSOs and 62% of his multipliers. Paul's best hour of the contest was 17Z with 30 QSOs, although

late in the contest he came close to that number in the 00Z and 02Z hours. Paul ran high power and operated 11:47 of the contest, with most of his missing time coming right at the start. He worked 69 different Michigan counties during the contest.

In second place, we find another former category winner, and that is **Alan, KO7X** operating from Wyoming. Alan's band breakdowns look more like those of an eastern region station, with 44/97/70/0. Perhaps it was Alan's more northerly QTH which rendered the high bands poorer and the low bands better as the latter provided 67% of KO7X's QSOs. His best hour of the contest was 00Z with 26 QSOs, with all three bands providing QSOs. Like N6MA, KO7X preferred CW which accounted for 64% of his QSOs and multipliers. Alan was another who ran high power, and worked 59 different Michigan counties in 11:02 of operating time spread out throughout the contest period.

In third place Mountain/Pacific region is yet another former category winner, and that is **John, N6MU** operating from California. John's band breakdowns of 0/35/91/51 truly looks like a western station, with a relatively big number on 15M and no QSOs on 80M. Still, he was consistent with his other two competitors in preferring CW for 71% of his QSOs and 63% of his multipliers. His best hour of the contest was the first with 24 QSOs, although he had a pair of single digit hours during 00Z and 03Z when he took some off time. Contrary to his other two competitors, N6MU made his QSOs while running low power, John operated 10:58 of the contest and worked 56 unique Michigan counties.

DX Stations

Call	Ctry	QSOs	Mults	Score
OM2VL	OM	213	97	34,338
DL2HBX	DL	184	83	25,730
DK2OY	DL	126	65	15,210

This year's DX single-op winner is another station who is no stranger to the MiQP top score box. **Laci Vegh, OM2VL** holds the MiQP record for single-op DX stations. This year, he operated again from the OM8A club station with some very FB antennas!

His QSO breakdowns were 14/60/128/11 with 66% on CW, with multipliers in similar proportion. Laci's best hour for QSO rate was the 20Z hour, with 26 QSOs but his rates were pretty consistent throughout the contest. Laci operated the entire contest period and he worked 63 different MI counties while running high power. His score is also a new MiQP record for DX single-op entries, breaking his old record (again!) by 12%!

In second place single-op from the DX side was **Uli, DL2HBX** operating from the DF9LJ station. Uli lived in Michigan for several years (he was KK8I and before that AB8QV) so he's seen MiQP from both sides now. With band breakdowns of 2/52/110/20, the biggest difference between him and OM2VL was it seemed that he couldn't keep up with Laci on the lower bands after darkness fell. Uli reports that Laci was having more success getting answers to CQs at night, attracting Michigan stations who were not CQing themselves, resulting in extra multipliers. Still, Uli operated the entire contest, and made a score which would have been good enough to win most years. He ran high power while working 59 different MI counties.

In third place was another German station; **Manfred, DK2OY**. Manfred made all of his QSOs on 40M (56) and 20M (70). His CW QSO total was similar to the other two top stations, but he only had a small number of QSOs on phone. He operated almost the entire contest. DK2OY was another DX station who ran high power, and managed to work 51 different Michigan counties.

MiQP Rookie Single-Op

The top MiQP Rookie Single-Op is not an MiQP category, but rather is an award intended to recognize Michigan single-op entries who are participating in MiQP for their first time. This award was initiated in 2007 through the generous sponsorship of Steve Murphy, N8NM. This year, we had a good field of rookies with three stations participating.

For 2011, the top MiQP Rookie Single-Op was **Ray Wright, K8DRT** operating from Monroe county, with **Bob, N8IZF** operating from Emmet

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county finishing second. **Mike, W8VPC** from Antrim county was third. Comparing their three entries

Call	Cty	QSOs	Mults	Score
K8DRT	MONR	116	52	6,032
N8IZF	EMME	61	37	2,257
W8VPC	ANTR	32	23	736

is an interesting study in contrasts. K8DRT ran QRP, while N8IZF ran low power and W8VPC ran high power. None of the three worked any CW, missing out on additional QSO and multiplier opportunities. All three stations made most of their QSOs on 40M phone, with only a handful on 80M and 20M. K8DRT worked 40 different Michigan counties in 4:23 of operating time, N8IZF worked 32 counties in 9:14 and W8VPC worked 19 counties in only 2:22 operating time.

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". There are separate competitions for in-state and out-of-state entries.

Among Michigan single-operators, **Scott, WB2REI/8** wound up on top, working 67 counties. **Ron, K9RON** finished 2nd with 66 counties, and **Dave, K8GVK** and **Jim, KB8TXZ** tied for 3rd with 64. A total of 33 Michigan single-ops (up from 16 last year) along with 14 multi-op stations (up from 11 last year) were able to work 50 or more Michigan counties this year. As noted on the lead page, Michigan entries on average worked seven more counties than last year.

Among the non-Michigan entries, once again Eastern/Central Region entries swept the top three places in counties worked as well. (We'll continue to hope that this situation will even out a little for the Mountain/Pacific Region entrants as the sunspots return.) **Paul, N4PN** worked the most counties of all entries with 72, followed by **W8TM** and **WA3HAE** tied with 71 for 2nd place and **K8RYU, NØIJ** and **N6MA** tied with 69 for 3rd place. It should be noted that N6MA was the western region winner and

KO7X (western 2nd place finisher) had 59 counties for 9th amongst all non-MI entries with **N6MU** (western 3rd place finisher) working 58 counties for 11th. **OM2VL** led all DX entries with 63 counties and was 5th among all non-MI entries in the number of counties worked.

Multi-Operator

MI Single Transmitter

In their second try at the Michigan Multi-Operator, Single-Transmitter competition, we find **N8SL** operating from the QTH of W8RA in Oakland County enjoying their first category

Call	Cty	QSOs	Mults	Score
N8SL	OAKL	687	178	180,492
N9FN	BERR	547	165	136,290
W8AB	INGH	549	168	128,124

win. This team beat their 2010 score by 66% with a band breakdown of 148/424/115 which slightly favored phone (52%) but with a good balance of multipliers (83/95 CW/SSB). Their best rate came in both of the first two hours with 79 QSOs each. They operated the entire contest while running high power and worked 110 different multipliers and 61 different Michigan counties.

In second place, we have the **N9FN** team operating from the QTH of WB9WYR in Berrien County. This score by the team of Dave, N9FN and Dave, K9FN looks a lot like N8SL with band breakdowns of 109/391/47, but slightly favored CW for 51% of their QSOs while phone provided more mults (52%). Their best hour of the contest was humungous with 105 QSOs in the 18Z hour. N9FN operated the entire contest running high power while working 102 different multipliers and 62 different Michigan counties.

In third place multi-single, we have an unfamiliar callsign finishing near the front - **W8AB** operated by a team of four operators from Ingham County. W8AB's band breakdown was 92/348/106/3 so they had better luck on the high bands than N9FN. They also had a slight emphasis on SSB, with 61% of their QSOs

and 58% of their mults coming on that mode. This cost them second place, as they had two more QSOs and three more mults than N9FN, but lost out on those double point CW QSOs. W8AB's best hour of the contest was the second, with 72 QSOs. They operated the entire contest period while running low power and worked 105 unique multipliers and 56 different Michigan counties.

MI Multi-Transmitter

Call	Cty	QSOs	Mults	Score
K8XXX	LIVI	2485	228	737,352
K8ESQ	KALK	748	175	195,475
N8LC	HURO	615	169	165,789

The winner of this year's multi-multi category was the perennial multi-multi juggernaut **K8XXX**, operating six transmitters from the N8CC QTH in Barry county. This group had **band breakdowns** of 470/846/854/308/7, with a big percentage (70%) on phone. Not surprisingly for a multi-multi, K8XXX had the highest overall multiplier of the contest and set the record for the most mults ever worked in MiQP with 228. Their best hour for rate was the second, with an amazing 281 QSOs going into the log from all their stations. Even their worst hour (02Z) still provided 145 QSOs. The group ran high power, and operated the entire contest period, putting 128 unique multiplier and 71 different Michigan counties into their log.

The second place multi-multi team was a group normally seen in the multi-single category - **K8ESQ** operating from Dave's vacation QTH in Kalkaska County. This team expanded to three transmitters this year to make the jump into multi-multi, and made their best score so far. Their band breakdowns were 195/297/246/10/0, almost exactly split evenly between phone and CW. K8ESQ ran high power and operated the full contest period, putting 106 unique multipliers and 56 different Michigan counties into their log.

In third place was another group stepping up their multi-multi game, and that's **N8LC** from the L'Anse Creuse Radio Club who mounted a portable operation from Huron

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County. They pulled together a team of five operators (including MiQP veteran Dale, K8RO) to run one rig on CW and another on phone to increase their 2010 score by more than 800%! (No, that is not a typo.) Their band breakdowns were 177/323/115/1 with 59% on CW. Their best hour of the contest was the first, with 94 QSOs. This group ran low power and operated the entire contest period, putting 104 unique multiplier and 59 different Michigan counties into their log.

Michigan EOC Stations

Once again, it was **W8OAK**, the team at the Oakland County ARPSC leading the charge amongst Emergency Operation Center stations. This group had nine operators,

Call	Cty	QSOs	Mults	Score
W8OAK	OAKL	999	197	265,556
K8UNS	WAYN	589	160	152,480
W8QQQ	SHIA	218	77	16,786

ran three rigs (2 phone, 1 CW) and were able to (almost) operate the entire contest period this year but lost an hour to logging computer downtime midway through. Their breakdowns were 165/630/188/5/11 with 35% on CW which was good enough to collect 41% of their mults. Their best rate was 123 QSOs in the 18Z hour, and they worked 70 different Michigan counties while running low power.

Reprising their second place EOC finish from 2010 was the team at **K8UNS** from the Livonia ARC in Wayne County activating their EOC for the third time in MiQP. This team's band breakdowns were 131/381/75/1/1, with 62% on CW. They had an perfect balance of multipliers with 80 on CW and 80 on phone. K8UNS ran low power and like W8OAK their best hour was 18Z with 67 QSOs. They operated the entire contest period, and worked 103 unique multipliers and 59 different MI counties.

The third place EOC score came from **W8QQQ**, the Shiawassee Amateur Radio Association. This group made all of their QSOs on phone, and the

majority (59%) on 40M. They worked 77 unique multipliers and 51 different Michigan counties. W8QQQ ran low power and were active for 11:39 of the contest period, and had their best hour on the contest at 21Z when they made 51 QSOs.

Non-MI Multi-Operator

Call	Location	QSOs	Mults	Score
N3GJ	PA	125	65	13,260
KØRU	KS	119	68	11,764
N2BJ	IL	105	57	6,669

The non-MI multi-operator entries were lead by **George Gross, N3GJ** operating from Pennsylvania. George made the largest portion of his QSOs (76 out of 125) on 40M, and the rest on 80M. He ran low power, and operated 7:13 of the contest while working 48 different MI counties. Doing battle with N3GJ and winding up in second spot was **Rob, KØRU** from Kansas. Rob was far enough away from Michigan to utilize 20M, which resulted in band breakdowns of 27/74/18, using phone for 55% of his QSOs and 53% of his mults. He managed to work 49 different Michigan counties in 6:39 of operating time while running high power. Third place went to the same station as last year; **Barry, N2BJ** from Illinois. Barry missed the first four hours of the contest, then went on to log 3:43 of operating time during the rest of the event. He ran high power and worked 48 different MI counties on 80M and 40M, mostly on phone.

Michigan Mobiles

2011 saw fewer mobile entries than usual. With gasoline prices hovering in the mid-\$4 range at the time of MiQP, perhaps this was the reason. Nonetheless, the mobile categories were still interesting this year, with seasoned veterans and MiQP mobile newcomers battling it out for the top spots.

Solo Operator

The winner of the Michigan Mobile Solo Operator category was **John Buchert, AE8M**, who drove up from his Cincinnati, OH QTH to operate mobile in MiQP. His band breakdowns

Call	Ctys	QSOs	Mults	Score
AE8M/m	5	348	88	55,088
W8FSM/m	8	110	59	6,490

were 23/219/106 with 80% on CW. In terms of actual operating time, John was only on the air for 6:00 of the contest, even though his QSOs occurred during ten of the contest's twelve hours. Second, he was able to make better use of 20M than the other top single-op mobile entries. John's best hour for rate was the 20Z hour with 59 QSOs and he managed to work 28 unique Michigan counties while activating five counties along the west edge of the Lower Peninsula himself.

Second place in the mobile solo operator category goes to an MiQP newcomer: **Fred, W8FSM/m** from Fenton. This was Fred first attempt at MiQP, and he chose to do it mobilizing solo! He operated from 8 counties in the central and southeastern part of the lower peninsula. Fred's QSOs were almost all on 40 phone, with a few on 20 phone. Similar to AE8M, his actual operating time was only 5:27, but yet he made QSOs in ten of the contest's twelve hours. His best rate of the contest came in the 21Z hour with 40 QSOs. Fred managed to work 33 different Michigan counties.

Multi-Operator

Call	Ctys	QSOs	Mults	Score
K8MR/m	26	1076	103	208,575
K8IR/m	13	702	101	136,653

When the dust had settled in the mobile multi-operator category, once again a familiar callsign was out in front: **K8MR/m**, operated by **Jim Stahl, K8MR** and **Gary Mikitin, AF8A**, who traveled from Ohio to activate 26 counties in the central and eastern part of the lower peninsula for over 1000 QSOs mobile! Their band breakdowns were 55/635/365/21 with 88% of their QSOs and 66% of their mults on CW. After colliding with a deer last year in Mecosta County, their trip was more uneventful this year. Their best hour of the contest was 22Z with 115 QSOs, and they had three more hours

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over 100 as well. K8MR/m operated the entire contest period and worked 72 unique multipliers and 30 different Michigan counties.

In second place was the **K8IR/m** entry operated by **Jim, K8IR** and **Eric, KG9GH**, who activated 13 of the 15 counties in the Upper Peninsula. Their QSO breakdowns were 105/291/292/14 with 93% of their QSOs and 70% of their multipliers on CW. Their best hour of the contest was 18Z with 77 QSOs, but they also had three more in the 70s. They again operated from Eric's pickup with an impressive array of antennas. K8IR/m was active for the entire contest period and worked 77 different multipliers and 38 different Michigan counties.

stepped up from #3 last year and grabbed the top spot among out-of-state clubs with a score of **104,153 points** from seven entries. At the top of their contributors were the #4 and #9 Eastern Region single-op scores from NØIJ and KØRC respectively.

In second place was the **South East Contest Club** with 89,162 points. The SECC had only three entries, but one of this was N4PN's #1 Eastern Region single-op score

Coming in third was the **Society of Midwest Contesters** with **46,194 points**. SoMC also had only three entries, but these included KØJPL's #7 Eastern Region single-op score and N2BJ's #3 non-Michigan multi-op score.

ACØCD I enjoyed working my former home State QSO Party - **DL2HBX** Thanks to K8IR for activating Keweenaw county while 20m was open to EU. This was the last MI county I had never worked. It was a lot of fun again - **DL3GA** Had another great year despite the 2" of snow this morning; see you in 2012 - **KØRJW** It was a lot of fun working my home state QSO party, thanks everyone for the contacts - **KØRU** Trying new Hextenna - **K4GOP** The QRN made it rough here in VA at times. 73, Riley - **K4ORD** I worked these few stations in between contacts in the All American CW contest - **K6CSL** GREAT SHOW! Congrats to the MIQP Committee and MRRC for putting on a great event. Next year, though, tell the weather people that snow and freezing rain isn't really a good show during the MIQP period. But it was fun, fun, fun, except for the freezing cold wind ice, and snow during takedown. Thanks to The Lowell Amateur Radio club for use of the location high on a hill outside Morley, Michigan - **K6JSS/meco (N8XX op.)** First time with the Michigan QSO party. Had a great time. Only had 4-5 hours to work but had a ball. Thanks to all of my contacts for working me. Just getting started with some contesting and enjoying it. I will be back next year. Thanks again - **K8DRT** Good conditions on 40. Lots of good ops and a share of lids again. Not many rovers heard in Ingham county. All but 20 counties worked. Tired the day after - **K8GVK** I decided not to go QRP for this one since I would only be on part time. I was CW only as I couldn't find my mic adapter - **K8MM** Great to finally have good propagation after all those years in the sunspot minimum! But we could have done without the snow. But as always, a great time and a fine start to spring - **K8MR/m** Portable Iosco County. FT100D running 100 W Carolina Windom 80 up 55 Feet - **K8SIA** The contest started very rough for us with a shortage of ops and interference in the CW shack. The weather was crummy but the bands were good. Fifteen was a real pleasure this year with over 300 Qs. Now if we can just get 10m to come alive! We had plenty of food, lots of laughs and good time was had by all. We did miss the challenge from the K8MQP

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Club Competition

In-State

For the second year in a row, the top spot amongst Michigan clubs was occupied by the **Blossomland Amateur Radio Association**. After amassing fourteen entries last year, they bumped it up to fifteen scores this year, (the highest number of entries for a club in MIQP history!). The Blossomland total of **533,193** points was anchored by the #1 and #3 single-op high-power scores from N8SS and K8CIT respectively, and the KX8D multi-op score.

The second place club, the **South-eastern Michigan DX Association** with **327,281 points**, is another club that has topped the Michigan club rankings before. SEMDXA garnered their total from only three entries, but these included the #2 multi-multi score by K8ESQ and the #5 single-operator low power score by KR8V.

In third place is a club which has been near the top many times, but last year slipped to tenth place. We welcome the **Cherryland Amateur Radio Club** back to the leaders box with **277,575 points**. Cherryland amassed twelve scores this time, benefiting from the #4 low power and #3 QRP single-op entries by N8TC and KC8LTL respectively.

Out-Of-State

Among the out-of-state clubs, the **Minnesota Wireless Association**

2011 MiQP Club Competition

Clubs With A Minimum of Two Entries

Michigan Clubs	Entries	Score
Blossomland ARC	15	533,193
Southeastern MI DX Assn	3	327,281
Cherryland ARC	12	277,575
South Lyon Area ARC	2	234,337
L'Anse Creuse ARC	7	196,922
QRP ARCI	6	106,929
Saginaw Valley ARA	5	95,517
Mich State University ARC	2	79,241
Oakland County ARS	3	63,240
Monroe Cty Radio Comm Assn	2	49,507
Adrian ARC	2	44,706
Genessee County RC	2	39,356
Ogemaw-Arenac ARS	3	26,705
Non-Michigan Clubs	Entries	Score
Minnesota Wireless Assn	7	104,153
South East Contest Club	3	89,162
Society of Midwest Contesters	3	48,057
Bavarian Contest Club	2	40,940
Marietta ARC	2	35,340
West Allis ARC	2	33,376
North Coast Contesters	2	18,750
NE Wisconsin DX Association	2	17,066
Mad River RC (non-MI)	4	13,371
Delara Contest Team	2	10,624
Tennessee Contest Group	7	10,471
Portage County ARS	3	9,865
Frankford RC	2	5,312
Northern CA Contest Club	2	4,974
Florida Contest Group	4	3,771
AZ Outlaws Contest Club	2	3,360
Contest Club Ontario	2	3,286
Potomac Valley Radio Club	3	2,465
Willamette Valley DX Club	2	204

MiQP 2007 Soapbox

39 QSOs, 26 counties, QRP -

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gang and hope they're back next year. Thanks to all who gave us a call and QSY'd for us - **K8XXX** Lots of activity and really strong signals. 40 stayed short well into the evening. Good time - **K9BTQ** I had a disagreement with the logging program; I did send number 28 to two stations - **KA3EO** Oh Shucks, only worked two thirds of the counties, but had a good time doing it. There is always next year for the other third. Thanks to all the mobiles for the counties they put out - **KA9JAC** Best contest of the year - always a good time - **KB9NK** TU FB MiQP agn this yr es 73 - **KB9YGD** Just about a half-bore effort between golf tournaments, orchestra competition and a leaking fuel line on the vehicle. Thanks to all for the contacts and supporting the Michigan QSO Party - **KD8GOX** Great contest. Look forward to next year - **KD8JRH** Thanks for the opportunity for Michigan contacts - **KE6IUE** Wish I could have operated more than just an hour - **KG8JK** How do I attribute my score to the Monroe County Radio Club? - **KG8P** Had a good time operating CW with the fixed stations and elusive mobiles. Good band conditions. Enjoyed the activity - **KN4Y** Another Great Year - **KN8N** Poor Condx here and THEN the thunder storms came! See ya next year - **N1ABY** Thanks to the sponsors and all who participated in the party. Thanks to the mobiles in the face of high gas prices, led by Jim/K8MR and crew with the most Qs - **N4PN** One last hurrah for my old Tempo One before I sell it off to make room for my new toy. I figured it'd sell better if I could say it won Ottawa in the MiQP, hi. CW is a pain with a barn-door IF but I did make a few QSOs with the key nonetheless - **N8FQ** Extremely tough weather made 80m a QRN nightmare - **N8HKU** Tough contest; wind blew down portable set-up and ice storm knocked out power at cabin an hour before contest. Spent all afternoon getting generator running just as power was restored - **N8OC** N9FN and K9FN did our multi-op, single transmitter operation from WB9WYR's QTH in Berrien, County just south of Niles, MI - **N9FN** Fun contest...wish I would have had more time to participate. Hopefully, next year I'll get more seat time - **NQ2W** Tnx for a fun contest - **NW5Q** Thanks for this

great contest. TS-570D(G) + Palstar AT2K + AL-911H + Winkeyer USB, Ant 40m delta-loop on 40m and 20m - **VE2EZD** Great activity this year. Conditions seemed good. Rig was FTdx5000 (100w) and Butternut HF6V vertical - **W1END** Great fun - see you next year - **W1KDA** I was working the contest part-time in the afternoon between errands - **W2UDT** Thanks for sponsoring, organizing, and administering this event - **W4JHU** Thanks to all for putting on a great party - **W4UCZ** Poor conditions this year and some QRM from Manchester Miniera - **W5ESE** First time as a club, Great time - **W8AB** Was my first MiQP. And tried it mobile no less AND Loved it. Can't wait for next year - **W8FSM** It was fun using W8M...can't wait 'til next year - **W8M (N8MRC op.)** Another wonderful MiQP, and this year we started on time. However, Murphy came to visit via the logging program midway thru the test resulting in almost 1 hour of downtime. But, we ran 3 stations all under 100W, 2 PH and 1 CW, and think we've set a good high-water mark for the EOC category. 73 and thanks for the Qs - **W8OAK** EOC for Shiawassee County, MI. Lots of signals with good operators. Very Good Time - **W8QQQ** First time with the MiQP and had a lot of fun. Murphy hit me right out of the gate. PC didn't recognize my plug and play keyboard. When I got that resolved, I had a loose connection from my amp to the xcvr. By the time I got these 2 issues fixed, it was 20 minutes after start time! Then I spent the last 15 minutes of the contest trying to work K8MR in Newaygo county to no avail! I saw that I was nip and tuck most of the last few hours with N6MU from the So. Cal. Contest Club. I think he beat me unless I had more mults - **WA6KHK** Another great time after my rookie year in 2010. Improved my score and learned a lot about contesting in the process. See you in 2012 - **WB2REI/8** First time in MiQP, enjoyed it. Used SD. Found the advice to check a log program before the contest to be very good advice. Went through some of my learning curve during the contest. - **WB8TQZ** Great Contest. 80/75 were noisy. Shocked when OM2VL called me on 80, thought for sure he was a W or a K. Nice signal. - **WB8WKQ** Condx seemed decent - I wish I was better using the contest

logging software - **WI8A**

2011 MiQP Plaques

Michigan Single Op - High Power

Sponsor: Hazel Park ARC

Winner: **Earl Morse, N8SS**

Michigan Single Op - Low Power

Sponsor: Eastern Michigan ARC

Winner: **Jeff Miller, WB8WKQ**

Michigan Single Op - QRP

Sponsor: Michigan QRP Club

Winner: **Station K6JSS/wash Op. Tim Prosser, KT8K**

Michigan Rookie Single Op

Sponsor: Steve Murphy, N8NM

Winner: **Ray Wright, K8DRT**

Mich Multi-Op Single-Transmitter

Sponsor: Monroe County Radio Comm Assn

Winner: **Station N8LC**

Mich Multi-Op Multi-Transmitter

Sponsor: Adrian ARC

Winner: **Station K8XXX**

Michigan Mobile, Solo-Operator

Sponsor: Utica Shelby Comm Assn

Winner: **John Buchert, AE8M/m**

Michigan Mobile, Multi-Operator

Sponsor: Oakland County ARS

Winner: **Station K8MR/m**

Michigan EOC Station

Sponsor: Mad River Radio Club

Winner: **Station W8OAK**

Out of State Single Operator, Eastern/Central Region

Sponsor: Cherryland ARC

Winner: **Paul Newberry, N4PN**

Out of State Single Operator, Mountain/Pacific Region

Sponsor: SE Michigan DX Assn

Winner: **Paul Gagnon, N6MA**

The Michigan QSO Party organizing committee would like to thank the sponsors of these awards for their generous support of this contest.

2011 MiQP Michigan Single Operator Scores

Callsign	Score	QSOs	Mul	Pwr	Callsign	Score	QSOs	Mul	Pwr	Callsign	Score	QSOs	Mul	Pwr
<u>Alpena County</u>					<u>Ingham County</u>					<u>Monroe County</u>				
KG8N	13,224	174	76	B	K8GVK	40,572	414	98	C	W8DWL	47,265	393	115	B
<u>Antrim County</u>					<u>Ionia County</u>					<u>Montmorency County</u>				
W8VPC	736	32	23	C	W8JRK	32,118	244	106	C	K8DRT	6,032	116	52	A
<u>Bay County</u>					<u>Jackson County</u>					<u>Oakland County</u>				
K8VYA	4,464	91	48	B	WB8DQT	2,856	51	28	A	W8M	13,200	200	66	B
<u>Benzie County</u>					<u>Kalamazoo County</u>					<u>Osceola County</u>				
W8REJ	24,990	293	85	B	(op. N8MRC)					K8CIT	112,320	523	160	C
KG8CW	1,518	35	22	B	<u>Kent County</u>					<u>Ogemaw County</u>				
<u>Berrien County</u>					<u>Leelanau County</u>					<u>Ottawa County</u>				
K9RON	52,920	490	108	C	K8SIA	27,300	199	84	B	K8KHZ	61,372	399	134	B
N8OL	49,276	508	97	B	N8IGM	414	23	18	B	N8NX	54,016	326	128	B
KD8NOH	28,213	317	89	B	<u>Lapeer County</u>					<u>Presque Isle County</u>				
KF8Z	21,420	186	90	B	K8C8LTL	17,010	150	63	A	N8EA	42,588	273	78	C
W8LHP	16,247	211	77	B	<u>Livingston County</u>					<u>Saginaw County</u>				
K8TMK	8,052	122	66	C	KD8CQC	23,885	281	85	B	NF8M	39,952	245	88	B
K8VBL	6,600	75	44	B	KD8GOX	18,966	190	87	C	K8GT	30,260	206	85	B
N8KBG	5,106	66	46	A	K6JSS/kent	416	21	16	A	N8GUAZ	14,454	198	73	B
W8JBA	4,140	92	45	B	(op. KA5S)					W8UMT	522	24	18	B
KC8JX	2,280	60	38	B	<u>Macomb County</u>					<u>St. Clair County</u>				
W8ALK	2,100	50	42	C	K8KIC	38,982	267	73	B	N8FQ	9,372	137	66	B
KD8GRG	1,040	40	26	B	W8WVU	25,608	194	66	B	KB9NK	3,726	81	46	C
<u>Branch County</u>					<u>Marquette County</u>					<u>Tuscola County</u>				
WB2REI	96,849	510	153	C	KC8A	5,724	108	53	B	W8CAG	760	20	19	B
<u>Chippewa County</u>					<u>Montcalm County</u>					<u>Washtenaw County</u>				
N8OC	30,264	217	104	B	W8YL	4,680	65	36	B	K8AAX	53,845	316	121	B
WA8OLD	10,281	141	69	C	<u>Mecosta County</u>					<u>Wayne County</u>				
<u>Delta County</u>					<u>Missaukee County</u>									
K8AO	95,885	471	151	C	K6JSS/meco	29,841	202	87	A	N8SS	215,832	810	184	C
<u>Eaton County</u>					<u>North Branch County</u>									
W8LEW	8,432	136	62	B	KB8QYJ	120	12	10	B	KC8YEJ	6,943	123	53	B
<u>Emmet County</u>					<u>Oshtemo County</u>									
N8IZF	2,257	61	37	B	<u>Shiawassee County</u>									
KG8JK	1,292	34	19	B	<u>St. Joseph County</u>									
<u>Genesee County</u>					<u>Tuscola County</u>									
K8MM	39,812	269	74	C	<u>Washtenaw County</u>									
W8ACW	19,380	170	57	B	<u>Wayne County</u>									
K6JSS/gene	12,152	124	49	A										
N8MME	7,336	131	56	B										
<u>Gladwin County</u>														
K8EO	25,571	249	91	B										
<u>Grand Traverse County</u>														
AA8SN	46,917	252	117	B										
N8WK	23,256	306	76	B										
W8SGR	12,408	188	66	B										
K8RCT	8,083	89	59	B										
N8QX	3,285	73	45	B										
N8CN	2,394	59	38	C										
<u>Houghton County</u>														
WA1UJU	123,971	500	151	B										
N8WAV	3,276	78	42	B										
KD8JAM	306	18	17	B										

2011 MiQP Non-Michigan Single Op Scores

Callsign	Score	QSOs	Mul	Pwr	Callsign	Score	QSOs	Mul	Pwr	Callsign	Score	QSOs	Mul	Pwr
<u>Alabama</u>					<u>Maine</u>					<u>Ontario</u>				
K4ZGB	19,810	181	70	B	K1PQS	10,682	109	49	B	VE3NB	1,830	61	30	C
AB9CA	1,632	34	24	B	KE5ISO	780	39	20	B	VA3OR	1,456	42	26	B
<u>Arizona</u>					<u>Minnesota</u>					VA3FN				
N6MA	41,200	242	100	C	K0RC	23,035	179	85	B	<u>Oregon</u>				
W6RLL	3,256	55	37	C	K9DU	18,750	162	75	B	KF7GNI	120	12	10	B
W0PAN	104	13	8	B	K0AD	8,960	95	56	B	KD7ZLF	120	12	10	B
<u>California</u>					<u>Missouri</u>					N7VS				
N6MU	25,368	177	84	B	K0PJW	5,550	111	50	B	K7JKM	6	3	2	B
WA6KHK	22,428	172	84	C	K0PC	5,474	67	46	B	<u>Pennsylvania</u>				
K6DGW	4,914	63	39	C	AA0AW	1,368	32	24	C	WA3HAE	42,402	238	111	B
W6KC	1,430	33	26	C	AC0AF	925	37	25	A	K3TX	1,800	36	25	B
K6KQV	495	18	15	B	W6GMT	510	17	15	A	KA3EEO	1,120	28	20	A
K6CSL	60	6	5	B	<u>Mississippi</u>					WA3AAN				
KE6IUE	4	2	2	B	K0JPL	30,225	219	93	C	<u>Quebec</u>				
<u>Colorado</u>					<u>Montana</u>					VE2AWR				
N3FT	273	21	13	C	NE0S	14,472	129	67	B	VE2EZD	630	21	15	C
<u>Connecticut</u>					<u>New Hampshire</u>					Rhode Island				
N1ABY	805	35	23	C	K2HT	544	18	17	B	W1KDA	5,016	114	44	B
AB1OD	459	27	17	B	W0NFS	140	14	10	B	<u>South Carolina</u>				
<u>Delaware</u>					<u>Mississippi</u>					AJ4IK				
N8NA	2,592	48	27	B	K7ZYV	2,904	44	33	B	<u>Tennessee</u>				
<u>Florida</u>					<u>Montana</u>					W4UT				
KN4Y	5,254	71	37	B	NW7O	836	37	22	B	NA4K	2,538	53	27	B
NF4A	2,607	48	33	C	<u>New Hampshire</u>					N4ZZ				
K4MTI	2,464	44	28	A	W1END	6,966	81	43	B	NB4M	704	22	16	B
AA4PP	946	25	22	B	<u>New Jersey</u>					W4BK				
(op. W9KB)					W2UDT	2,720	51	32	C	W4PHS	108	12	9	C
K4GOP	120	12	10	B	W2CVW	420	15	14	B	WA4JA	72	9	8	B
K8NZ	98	7	7	B	<u>New Mexico</u>					<u>Texas</u>				
<u>Georgia</u>					<u>Nova Scotia</u>					WA8ZBT				
N4PN	57,810	328	123	C	VA1MM	756	21	18	C	NW5Q	1,711	59	29	B
KU8E	18,360	158	72	C	<u>New York</u>					K5DHY				
W4UCZ	12,992	112	58	B	W2RR	14,573	134	59	C	W5ESE	448	16	14	A
W4JDS	3,154	55	38	B	N2JJ	3,128	46	34	B	<u>Virginia</u>				
<u>Illinois</u>					<u>Ohio</u>					W4GDG				
WB9LPW	1,326	39	26	B	AE2NG	1,500	50	30	B	K4ORD	1,998	37	27	B
N9VPV	912	38	24	B	NW2K	204	13	12	B	K4DRU	1,848	42	22	B
N80OU	2	2	1	B	NQ2W	18	3	3	A	N3TG	1,200	30	20	B
<u>Indiana</u>					<u>Ohio</u>					K4ALE				
W9THD	2,414	56	34	B	W8TM	38,688	243	104	B	W4JHU	80	10	8	C
KB9YGD	1,150	30	25	B	K8RYU	33,300	227	100	B	K1SO	63	9	7	B
KR9E	330	22	15	C	N8BHL	8,680	115	62	C	<u>Washington</u>				
<u>Kansas</u>					<u>Ontario</u>					W7GKF				
K0HNC	15,872	133	64	B	KA8OAT	8,533	161	53	B	AB7RW	8,036	82	49	B
W0BH	5,670	74	45	B	AA8IA	6,480	79	48	B	KC7YE	364	14	13	B
KC0DEB	920	40	23	B	KD8MQ	6,325	100	55	B	<u>Wisconsin</u>				
WA5SWN	42	7	6	B	KE8E	5,661	90	51	C	NS9I	40,386	247	106	B
<u>Kentucky</u>					<u>Ontario</u>					N0IJ				
KJ4AOM	3,968	62	32	B	KR8U	4,830	105	46	B	N0IJ	40,182	253	111	C
<u>Massachusetts</u>					<u>Ontario</u>					K9BTQ				
W1DWA	11,736	99	72	B	KD8JRH	4,048	92	44	B	KA9JAC	16,478	128	77	B
<u>Maryland</u>					<u>Ontario</u>					W9WLX				
KE3X	352	16	11	B	W8WTS	3,937	66	31	B	W9WLX	12,220	129	65	B
<u>Massachusetts</u>					<u>Ontario</u>					WI9WI				
<u>Michigan</u>					<u>Ontario</u>					KB9S				
<u>Minnesota</u>					<u>Ontario</u>					WR9Y				
<u>Mississippi</u>					<u>Ontario</u>					K9GDF				
<u>Missouri</u>					<u>Ontario</u>					K1TN				
<u>Montana</u>					<u>Ontario</u>									
<u>New Hampshire</u>					<u>Ontario</u>									
<u>New Jersey</u>					<u>Ontario</u>									
<u>New Mexico</u>					<u>Ontario</u>									
<u>Nova Scotia</u>					<u>Ontario</u>									
<u>New York</u>					<u>Ontario</u>									
<u>Ohio</u>					<u>Ontario</u>									
<u>Ontario</u>					<u>Ontario</u>									
<u>Pennsylvania</u>					<u>Ontario</u>									
<u>Rhode Island</u>					<u>Ontario</u>									
<u>South Carolina</u>					<u>Ontario</u>									
<u>Tennessee</u>					<u>Ontario</u>									
<u>Texas</u>					<u>Ontario</u>									
<u>Virginia</u>					<u>Ontario</u>									
<u>Washington</u>					<u>Ontario</u>									
<u>Wisconsin</u>					<u>Ontario</u>									

2011 MiQP Counties Worked

Michigan Stations				Non-Michigan Stations					
K8XXX	71	K8GT	43	WB8DQT	15	N8XTH	38	K2HT	15
W8OAK	70	K8TMK	42	KD8JAM	14	KN4Y	37	K4ALE	15
WB2REI/8	67	KD8GOX	42	W8ROI	14	W0BH	36	KR9E	15
K9RON	66	AB8XU	41	WA8UMT	14	AC8HN	34	VE2EZD	15
K8GVK	64	AD8W	41	KG8JK	12	N2JJ	34	W6GMT	15
KB8TXZ	64	KB8M	41	W8EAB	12	W4UT	34	KC9GHQ	14
N8NJA	62	KC8A	41	W8YL	12	W8HH	34	W2CVW	14
N9FN	62	N8EA	41	W8ZZ/vanb	12	WR9Y	34	W5ESE	14
W8SH	62	WI8A	41	K6JSS/kent	11	K7ZYV	33	K6KQV	13
K8CIT	61	K6JSS/meco	40	KB8QYJ	10	K9GDF	33	KC7YE	13
N8ERL	61	K8DRT	40	KC8JCB	8	WA5ZUP	33	N3FT	13
N8SL	61	K8SZN	40	K6JSS/oak1	6	KJ4AOM	32	K4GOP	11
N8SS	61	K8VYA	40	W8ZZ/kzoo	2	W6RLL	32	KE3X	11
N8TC	61	KG8N	40	W8ZZ/stjo	2	WA8ZBT	32	KD7ZLF	10
W8DWL	61	W8CT	40			WC8Z	32	KF7GNI	10
K8KHZ	60	W8DW	40			AE2NG	31	W0NFS	10
NV8N	60	KD8FQL	39	N4PN	72	W8IDM	31	NW2K	9
W8QN	60	KB9NK	38	W8TM	71	W9AEM	31	W4BK	9
K8UNS	59	KC8Y EJ	38	WA3HAE	71	K1TN	30	W4PHS	9
N8LC	59	W8ZHO	38	K8RYU	69	VE3NB	30	AJ4IK	8
N8WK	59	K8KIC	37	N0IJ	69	NW5Q	29	W0PAN	8
W8VS	59	K8MM	37	N6MA	69	NX8G	29	W4JHU	8
K8AO	58	K8RCT	37	NS9I	68	W4JDS	29	WA4JA	8
K8OSE	58	KJ8O	37	K9BTQ	62	K4MTI	28	K1SO	7
KX8D	58	N8LMT	37	WA6KHK	61	NF4A	28	K8NZ	7
W8REJ	58	N8WAV	37	K0JPL	60	W8WTS	28	N7VS	7
WA1UJU	58	W8JBA	37	K07X	59	K4ORD	27	WA3AAN	7
AA8SN	57	KC8KCU	36	W4UCZ	58	N8NA	27	WA5SWN	6
K8AAX	57	WD8H	36	K0RC	56	W2UDT	27	K6CSL	5
KD8NOH	57	K8IR/m	35	KA9JAC	56	W9THD	26	NQ2W	3
N1IW	57	N8KBG	35	N6MU	56	AC0AF	25	K7JKM	2
N8OC	57	N8QX	35	K0HNC	55	K3TX	25	KE6IUE	2
WB8WKQ	57	K8SIA	34	K8JQ	55	N4ZZ	25	N80OU	1
K8EO	56	NF8M	34	W1DWA	54	W4GDG	25		
K8ESQ	56	W8ALK	34	KA8OAT	53	WB8JUI	25		
KR8V	56	K8RDJ	33	NE0S	52	AB9CA	24		
W8AB	56	W8FSM/m	33	W7GKF	52	N9VPV	24		
NA8V	55	N8IZF	32	K9DU	51	KC0DEB	23		
W8LHP	55	W8ACW	32	K0RJW	50	N1ABY	23		
KD8CQC	54	W8WVU	32	KU8E	50	NA4K	23		
KN8N	54	N8CN	31	AB7RW	49	W3GEG	23		
N8GUZ	54	K8MR/m	30	K0RU	49	K4DRU	22		
N8KV	54	KG8P	30	K1PQS	49	K5DHY	22		
N8OL	54	KC8LTL	29	N2BJ	48	KB9YGD	22		
KC8ZMN	53	AE8M/m	28	N3GJ	48	VA3OR	22		
W8QQQ	51	WB0KWJ	28	WI9WI	48	K9JIG	21		
WD8DX	51	WB8TQZ	28	K4ZGB	47	NW7O	21		
N8FQ	49	N8HKU	27	NR8U	46	VA3FN	21		
W8M	49	K6JSS/sagi	26	W2RR	46	W6KC	21		
WD8T	49	K8VBL	24	K0AD	45	W8KNO	21		
KD8AUZ	48	KD8GRG	23	KD8MQ	45	WB9LPW	21		
KF8Z	48	KG8CW	22	N8BHL	45	AA0AW	20		
K6JSS/wash	47	K6JSS/gene	21	W9WLX	45	AA4PP	20		
K8KZB	47	W8ZZ/alle	21	KD8JRH	44	KA3EEO	20		
N8NX	47	K8VFR	20	W1KDA	44	KE5ISO	20		
W8JRK	47	W8COP	19	W1END	43	N3TG	20		
W8SGR	47	W8VPC	19	KB9S	42	VE2AWR	20		
W8VO	46	W8CAG	18	KE8E	41	W8ASA	20		
N8MME	45	KC8JX	17	KL8DX	41	WT8E	19		
W8LEW	45	N5WCS	17	K0PC	39	VA1MM	18		
WA8OLD	45	N8IGM	16	K6DGW	39	AB1OD	17		
W8AWE	44	W8ZZ/cass	16	AA8IA	38	NB4M	16		

DX Stations	
OM2VL	63
DL2HBX	59
DK2OY	51
DL3GA	50
DL6KVA	43
OK1AOV	28
OM3DX	14
PA3ARM	3
SI5Y	3