

# 2009 Florida QSO Party Results

Perhaps it was due to the ARRL's proclamation of 2009 as the "Year of the QSO Party". Maybe it was the new log receiving robot. It sure wasn't due to the spotted sun, or inexpensive gasoline! Regardless of the reason, the Florida QSO Party (FQP) saw tremendous growth! Log submissions were up nearly 20% and those logs represented almost 109,000 QSOs. More than twenty mobiles criss-crossed the state, making the coveted County Sweep by far the easiest ever.



**W3TB/m at his 4 corner spot right before the start**

The FQP mourns the loss of Ink, N400 whose mobile efforts over the years helped many to a sweep as he consistently covered rare ones such as Calhoun. Ink was a talented, creative and diverse man who had a great gift for helping others. In Ink's memory, two mobiles will be signing special calls for the 2010 FQP – look for N40 and K40 on CW.

## OUT OF STATE RESULTS

### Out of State Mixed Mode

7 in a row! Ken, W8MJ won his 7th FQP in a row and 8th overall! Reaching the 900 QSO level for the first time ever, we are reminded of when W8MJ broke 1000 QSOs in the California QSO Party for the first time many years ago. The FQP will never catch up to the CQP, for practical reasons, but just to be in the

same paragraph is tremendous for an event in its 12th year of running under the Florida Contest Group sponsorship.

Once yet again, Ken only missed one county on SSB for the double sweep and now has overall county sweeps in the last 9 FQPs, by far the longest streak. Ken again won the W5WMU specially awarded Louisiana hot sauce for making the most QSOs with Florida Mobiles. This year, that number was over 500 – 512 to be exact. While that is impressive, it also means that he made 388 valid QSOs with NON-mobiles, illustrating healthy growth among the home stations, too.

Glenn, VA3DX topped the huge contingent of Contest Club Ontario participants (they won the club competition again!) with a really solid showing that placed him a personal-best 2nd overall outside Florida and set a new Canadian record. Glenn's 229 SSB QSOs and 61 counties are second only to Ken and as expected Glenn completed another county sweep in 2009.

Another perennial high finisher, Tom, K3TW, turned in another fine QRP effort to land him solidly in 3rd place. 2009 marked the fifth time he has accomplished both the CW and Mixed sweeps as a QRP entrant in the same year. In fact, Tom was the only QRP entrant to gain the sweep in 2009. Although Tom is building a house in Florida, we have a suspicion that he will give the FQP one more try from MD in 2010.

Less than 3% separated places 4-5-6-7 outside Florida. With only one blemish in a log of over 500 QSOs, Keith, WA3HAE narrowly missed being the plaque winner for the Top Golden Log and edged himself into the #4 spot. Keith won the first two FQPs back in 1998 and 1999 and was the first ever to get a county sweep (in 2000). He once again swept both Mixed and on CW this year.

Right behind Keith in 5th was Bob, VE3KZ who has turned in some fabulous efforts in past FQPs. 'KZ had only 10 less CW QSOs than Glenn, but spent less time on SSB.

Bob, KØRC improved a spot from last year to 6th with the 2nd highest CW total among the SO Mixed group. From Minnesota, Bob doesn't enjoy the shared darkness path like those above him in the standings, but he still made a respectable showing on 40. 20 CW was Bob's strength and he finished just 23 QSOs below winner W8MJ on that band-mode.

In 7th was Doug, VA3DF, whose QRP efforts keep getting better each time. Doug was 9th the year before and pushed the VE QRP record higher.

K5WAF, N8NA and VE3JM round out the non-FL Mixed Top Ten. Each of them concentrated primarily on CW. 'WAF and 'NA nailed the CW sweep, while JM missed just one county.

From out west comes the top High Power Mixed score. Ken, K6LA swept all 67 counties from California, despite having to battle the "East Coast wall" most of the time. When 15 Meters reappears, look for Ken to move up in the standings dramatically. It seems like decades ago, but John, N6MU claimed two FQP Mixed titles, largely by virtue of long openings on 15 & 10 Meters. Ken tried, but only managed three QSOs on 15 this time.

Joining Ken with sweeps from out west are Alan, KO7X from Wyoming and Tom, K5RC operating as W7RN from Nevada. Alan's sweep was the 3rd quickest of anyone and for a 6-minute period on Sunday morning, Alan was tied atop the leader board with 66 counties.

Nobody made more 40M QSOs than the 230 from Ralph, K1ZZI from neighboring GA.

A welcome multiplier for everyone, Daniel, HK3Q won his first DX Mixed FQP title.

## Out of State CW

CW-only is actually slightly more popular than Mixed Mode for out-of-FL entrants.

Bursting onto the scene with a resounding victory and new all-time record in his first FQP effort was Erik, N5WR whose Oklahoma QTH is just far enough away to allow 20M QSOs with all of Florida, while being close enough to keep pace on 40. About 90% of Erik's QSOs were with mobiles, illustrating the value of hanging around the mobile windows. Erik topped every entrant regardless of category with 401 QSOs on 20, finished 4th on 40 with 149 and even checked 15 enough to find 7 QSOs there, 2nd most there. Perhaps most impressive is that Erik made just one logging error, a mark of a true champion.

Topping the 500 QSO level for the first time was Art, VE3UTT, despite having to shut down for a while to dodge a passing storm. Art finished just 17 QSOs behind Erik on 20 and now owns the Canadian record.

Well-known contest stalwart Mike, W9RE made enough time this year to post his strongest ever FQP finish. Mike's impressive aluminum farm is in a good spot to work Florida and he logged more stations on 40 CW than anyone. With roughly 5 hours of off time scattered through Mike's log, only 2-3 more hours might've brought him up to Erik's total.

Steady Jim, K8IR finished a solid 4th this time, completing his 6th straight county sweep comfortably.

WRTC veteran Yuri, VE3DZ ended up 5th and posted the earliest sweep of any single operator. To do that on

CW-only is impressive. Yuri had 65 counties by 2053Z Saturday, less than 5 hours in. But #66 didn't appear until 1357Z Sunday, more than 7 "FQP hours" later. About a half hour later, KN4Y provided Gulf for Yuri's sweep, still beating N5WR by nearly an hour. It appears that Yuri had already taken about 5 hours of breaks when he reached that earliest sweep!

Once again topping the QRP entrants was CW maven Bill, K4LTA from Tennessee.

The race for Top CW in Europe was fantastic! Log checking made a difference. DL3DXX operated single-band 20 (although the FQP does not officially categorize single-band entries) and still topped a pack of three very tightly spaced high power finishers. Dietmar notes the heavy activity from N3DXX -- it's rather

SWEEP	CALL	QTH	CATEG	PWR	TIME	QSO WITH	CTY	#66	QSO WITH	CTY	AT BREAK
MIXED	K3WW	PA	MS-MIXED	HIGH	1221	K9ES	GUL	2244	NN4TO	LEO	66
CW	VE3DZ	ON	CW	LOW	1420	KN4Y	GUL	1357	N4ALN	CLR	65
MIXED	KO7X	WY	MIXED	HIGH	1444	K4OJ	DES	1215	K9ES	GUL	64
CW	N5WR	OK	CW	LOW	1507	KC4HW	HOL	1445	AD4Z	CLR	64
MIXED	K6LA	CA	MIXED	HIGH	1536	NO5W	GIL	1235	NF4A	GUL	64
MIXED	K3TW	MD	MIXED	QRP	1650	N4EEB	HAR	1511	NO5W	GIL	61
CW	W9RE	IN	CW	LOW	1650	N4EEB	HAR	1421	KN4Y	GUL	64
CW	VE3UTT	ON	CW	LOW	1651	N4EEB	HAR	1449	N4ALN	CLR	64
CW	VE3KZ	ON	MIXED	LOW	1653	N4EEB	HAR	1447	AD4Z	CLR	63
MIXED	VE3KZ	ON	MIXED	LOW	1653	N4EEB	HAR	1241	NF4A	GUL	65
CW	VA3DX	ON	MIXED	LOW	1656	N4EEB	HAR	1448	AD4Z	CLR	64
MIXED	VA3DX	ON	MIXED	LOW	1656	N4EEB	HAR	1213	K9ES	GUL	65
CW	K0RC	MN	MIXED	LOW	1705	N4EEB	HAR	1401	N4ALN	CLR	63
MIXED	K0RC	MN	MIXED	LOW	1705	N4EEB	HAR	1234	NF4A	GUL	64
CW	K3WW	PA	MS-MIXED	HIGH	1706	N4EEB	HAR	1521	AD4Z	CLR	64
CW	K3TW	MD	MIXED	QRP	1755	KN4Y	WAG	1650	N4EEB	HAR	58
CW	N9FC	IN	MIXED	LOW	1842	W5WMU	WAL	1725	AD4Z	HEN	61
MIXED	N9FC	IN	MIXED	LOW	1842	W5WMU	WAL	1725	AD4Z	HEN	61
CW	NU8Z	MI	CW	LOW	1923	W5WMU	OKA	1739	W5WMU	JAC	58
CW	K8IR	MI	CW	LOW	1926	W5WMU	OKA	1731	KN4Y	WAG	59
CW	K9EN	WI	CW	HIGH	1929	W5WMU	OKA	1848	NN4TO	GLA	54
CW	DL3DXX	DL	CW	HIGH	1930	W5WMU	OKA	1711	W5WMU	GAD	57
CW	K6LA	CA	MIXED	HIGH	1931	W5WMU	OKA	1536	NO5W	GIL	62
CW	N5PO	TX	CW	HIGH	1931	W5WMU	OKA	1652	N4EEB	HAR	62
MIXED	N2BJ	IL	MS-MIXED	HIGH	1932	NF4A	HOL	1926	KC4HW	GAD	53
CW	N8NA	DE	MIXED	LOW	1934	W5WMU	OKA	1856	N4EEB	OKE	55
MIXED	N8NA	DE	MIXED	LOW	1934	W5WMU	OKA	1856	N4EEB	OKE	57
CW	N9CK	WI	MS-CW	HIGH	1935	W5WMU	OKA	1918	KC4HW	GAD	57
CW	WB8JUI	OH	CW	LOW	1936	W5WMU	OKA	1801	NN4TO	OKE	61
CW	K5WAF	TX	MIXED	LOW	1943	W5WMU	OKA	1822	W5WMU	WAG	59
MIXED	K5WAF	TX	MIXED	LOW	1943	W5WMU	OKA	1704	KN4Y	HOL	61
CW	W8MJ	MI	MIXED	LOW	1957	W5WMU	OKA	1331	N4ALN	CLR	64
MIXED	W8MJ	MI	MIXED	LOW	1957	W5WMU	OKA	1247	NF4A	GUL	65
CW	K0PC	MN	CW	HIGH	2010	NO5W	GUL	1452	AD4Z	CLR	65
CW	N5ZK	TX	MS-CW	HIGH	2013	NO5W	GUL	1947	W5WMU	OKA	57
CW	CU2JT	CU	CW	HIGH	2018	NO5W	GUL	1947	W5WMU	OKA	62
CW	W7RN	NV	MIXED	HIGH	2020	NO5W	GUL	1938	W5WMU	OKA	56
MIXED	W7RN	NV	MIXED	HIGH	2020	NO5W	GUL	1905	NO5W	FRA	59
CW	KO7X	WY	MIXED	HIGH	2023	NF4A	OKA	1444	K4OJ	DES	62
CW	WA3HAE	PA	MIXED	LOW	2042	W4AN	UNI	2007	NO5W	GUL	57
MIXED	WA3HAE	PA	MIXED	LOW	2042	W4AN	UNI	2007	NO5W	GUL	61
MIXED	W1DWA	MA	MIXED	HIGH	2113	AD4Z	OKE	1632	K4KG	JEF	64
CW	G4BUE	G	CW	HIGH	2140	NF4A	OKA	1827	NN4TO	GLA	58

YEAR	SWEEPS	SWEEPERS	EARLIEST
2009	43	30	1221Z
2008	34	23	1204Z
2007	28	19	1200Z
2006	14	10	1503Z
2005	19	14	1350Z
2004	30	19	0119Z
2003	19	12	1252Z
2002	15	11	1544Z
2001	4	4	1837Z
2000	3	3	1827Z
1999/98	NONE		

remarkable to have two high-finishing entrants with call signs so close. At times, propagation with Europe was so good that their signal strengths were similar, too! Dietmar's score was the highest out-of-Florida score for high power CW to boot and his 20M CW QSO total was 5th best among all out-of-state entrants.

Filipe, CT1ILT had the cleanest log of the 3 and had an identical number of valid QSOs (345) as Dietmar. But, missing one county made all the difference and thus Filipe ended up a very close second. Filipe's 99 QSOs on 40 were impressive.

Perennial entrant Chris, G4BUE (aka N4CJ) logged 341 valid QSOs and got another sweep to finish third by a nose.

Gary, CU2JT nailed another sweep from Europe and upped his Azores record.

### Out of State SSB

Constantino, HI3CCP attracted many casual Floridian operators to his CQs and ran away with an SSB victory that not only topped all non-Florida entrants this year, but is an all-time record score from outside Florida! Operating from a fine station on Loma del Toro (Hill of the Bull) that has hosted a number of FCG members for other events, Tino was in Orlando for the February hamfest and accepted his award in front of an enthusiastic crowd of FCGers and their guests. Felicitaciones, Tino!

Despite the fact that 82% of the SSB QSOs during the FQP were made on 20 Meters, Tom, KK4TA overcame that inherent disadvantage by patiently racking up the highest out-of-state total on 40 and coming away with his first ever USA FQP victory.

Tom is an FQP veteran from the Florida side a few years ago and his modest station in the hills of eastern Tennessee really worked well.

Setting a QRP SSB record, and also operating from Tennessee was Ken, KS4X who demonstrated the value of living on Signal Mountain! Due to the skip distance, both Ken and Tom were able to work stations in mid and south Florida on 20, but nothing in the Panhandle or NE Florida.

Thanks to the 76 entrants outside Florida who entered the Single-Operator SSB category to join the fun. That was the most we've ever had and we welcome you back in 2010!

If you are outside FL, try calling "CQ Florida". You will be pleasantly surprised! Many stations in FL (as elsewhere) only answer CQs and do not generally call CQ themselves.

### Out of State Multi-Operator

As more and more folks seek the coveted county sweep, this category becomes more popular each year. 30 multi-ops submitted scores in 2009. For the growing number of stations that are set up with the spotting network hard-wired into both their station and their operating habits, a casual foray into the FQP is automatically a Multi-Single entry.

Another successful finish for a Tennessee station as Team NO4Q set a new M/S record with about 60% of their QSOs coming on 40 Meters. Their 4-operator team interleaved QSOs on 40 & 20 most of the weekend and stuck with it for the full 20 hours. Operator Jeff, NY4N has mobiled in Florida in one of the early FCG-sponsored FQPs.

Again successfully focusing on the sweep was Chas, K3WW who impressively beat everyone to the finish line by about two hours this time! Team K9ES was in GUL for 13 minutes before Chas discovered them early Sunday.

Once again emphasizing SSB to the point of finishing only behind category winners W8MJ and HI3CCP for top number of SSB QSOs with 299 was Barry, N2BJ who operated

with XYL Paula, K2PAC and monitored spots as well.

Two Wisconsin stations made a big splash in the multi-op category. Steve, N9CK rode his HP station to a new record score for M/S CW with a solid 364 QSOs and the sweep. Meanwhile, Dwight, NS9I topped the M/S Mixed group with 312 CW QSOs, but somehow missed NASSau for the sweep.

Sterling, WA7JHQ, jumped back to #1 M/S CW and provided the NM multiplier to 212 Florida stations this year. From next door in GA, Grady, WE4S quietly posted a new record for QRP M/S CW. Even from extreme north GA, Grady's only Florida QSOs on 20 Meters were with the southernmost counties.

### Out of State School Competition

Thanks to the continued enthusiasm of Bob, W0BH, the Hesston College (KS) radio club made well over 100 QSOs enroute to another School Club victory, after Bob returned from mobiling in Nebraska for their QSO Party.

### Out of State Summary

368 logs were received from outside FL (vs. 338 in 2008), covering 45 other States, 5 Canadian areas and 21 DX countries.

## FLORIDA RESULTS

### Florida Mobiles

While the number of mobile entrants remained at 20, their cumulative valid QSOs was up sharply to 25,240 and those 20 mobiles covered a whopping 513 counties! For comparison, the prior 5 years:

2008 – 20/391/20,494

2007 – 18/426/18,587

2006 – 22/418/18,238

2005 – 13/231/14,582

2004 – 16/356/19,334

The mobile window of frequencies in each CW and SSB sub-band remained in place, with increasingly

good observance as everyone grows used to the concept. The 40M windows slid up slightly to 7025-7035 and way down to 7180-7190.

The absence of broadcast QRM made 40 SSB more fruitful and as a result, QSO totals were up on this sub-band.

### **Single Op Mobile, No Driver**

#### **Mixed**

Charlie, NF4A, went to 18 counties and once again deservedly took home the plaque in this category, despite being the only entrant. Charlie's 66 CW multipliers were more than even the Single Op mobiles with drivers had. Charlie also had the lowest error rate among all of the single op mobiles at just over 1%.

#### **CW**

Another race came right down to the wire!

Julio, AD4Z added two more counties to his route and chose to stay and milk each one, averaging almost 113 QSOs per county, rather than spend more time driving. By virtue of his two extra multipliers, he edged out WRTC veteran Jeff, WC4E, operating again as N4AO/m who out-QSOed Julio by 10 and reached 13 counties along his part-time route. By coincidence, it was Jeff who had led all single-op mobiles in multipliers in 2008. And in another flip-flop, it was Jeff who logged a 15M QSO this year, the only SO mobile to do so (last year, Julio accomplished the same).

Fred, K4LQ returned to the Florida roads to cover 12 counties and provide 402 daytime QSOs to the deserving.

#### **SSB**

First-time entrant Jim, W8FNW topped the no-driver group by far with 23 counties operated from, all through central Florida. Jim's 151 QSOs on 20 were tops among all mobiles in any category and he added another 62 QSOs on 40.

Another FQP mobile first-timer was long-time contest veteran Jack,

K1KNQ who piled up over 150 QSOs from 13 counties.

Steve, N1XC found time to head out again, hitting 4 counties this time and handing out 80 QSOs on 20M.

### **Single Op Mobile, Plus Driver**

#### **Mixed**

Yet another close race with less than 2% separating the top two scores was won by Paul, N4PN who returned to "employing" a driver in 2009. He was the only mobile to run high power, which really showed in his fabulous showing on SSB. Paul led all mobiles in any category by a wide margin with 355 SSB QSOs, impressive when combined with 1558 CW QSOs. Spending lots of time on 40 to give the closer-in stations a chance at his counties, Paul amassed a whopping 333 QSOs on 40 SSB and another 690 QSOs on 40 CW! Other than a M/2 effort the prior year, no other mobile has broken the 1000 QSO mark on 40 Meters.

While Paul's accolades are well deserved, low power entrant Pat, W5WMU returned once again to FL with his wife driving and nearly overtook Paul for the top spot. Both Paul and Pat reached 31 counties, but had very different strategies. Pat ended up as a single-band 20 entrant and concentrated largely on CW. No less than 11 entrants reached their CW county sweep as a result of Dr. Pat hitting OKA on Sunday afternoon! Pat is the yearly donor of the most unique FQP award – the Cajun Hot Sauce awarded to the non-Florida station who logs the most mobiles. We're very grateful for that continued support, as is W8MJ who won it for at least the 2nd time.

Thanks to both of these gentlemen for their many thousands of FQP QSOs over the years. How appropriate that both of them set records for their category and power level.

#### **CW**

Improving by leaps and bounds again was the team of John, N4EEB

and his wife/route planner Tracy. Expanding to 40 counties, tops among SOs, John broke the magic 2000 QSO barrier, averaging 104 valid QSOs per hour! John's 1703 20M QSOs were the key. Seven happy out-of-state entrants reached their sweep when John handed out HAR on Sunday afternoon. Congratulations to the Baynes for now holding the all-time record for this category!

For the third straight year, QSO Party guru Chuck, NO5W and wife Keri did a super job. They throttled back the county coverage a bit to 34, yet Chuck still made more QSOs than ever before with 1602. Chuck and Keri stayed just south of Jacksonville, allowing Chuck to attend a late Saturday evening dinner gathering with 3 other mobile teams!

"Mr. Consistent" Ed, KN4Y covered his 27-county route again in 2009 and added almost 30% to his QSO total with over 1400. Ed may be the only mobile entrant who has participated each of the last 12 years.

Thanks also to Jon, W4ZW who mixed in some 20M mobile action in 6 counties with driving to/from family commitments.

### **Multi Op Single Transmitter Mobile**

#### **Mixed**

George, K5KG and reigning WRTC co-champion Jim, VE7ZO teamed up for the fourth time as K4KG, adding 2 counties to their route to reach 45. Their terrific effort that fell just one half of one percent short of their all-time record score set in 2004 was boosted by assertive moves of multipliers from CW to SSB. Team KG once again tied for top CW multipliers among the mobiles with 71 and ran away with the SSB lead with 56.

SSB was a key for the WRTC veteran team finishing right behind them as well. Again using the late Bill Fisher's callsign W4AN (Bill passed away in April, 2004), John, K4BAI and Jeff, KU8E, who operated together in Brazil at WRTC-2006

drove down from southwest GA and expanded their route to 31 counties. They finished behind the 3rd-place team on CW, but rode a nice burst of 20M SSB QSOs late the first day into 2nd place. Team AN had the lowest error rate of any mobile.



**W4AN/m antennas**

Finishing ahead of Team AN on CW was the team of Kevin, N4KM and Red, KØLUZ who used the callsign K4OJ in memory of unforgettable FQP cheerleader Jim White. Team OJ was one of four multi-op teams who exceeded the 2000 QSO mark.

From the Melbourne area, Eric, K9ES invited AD4ES and KD2JA along for a 36-county ride. They ventured pretty far north and west, making over 1000 QSOs and covering rare counties such as Gulf (that provided K3WW with the first sweep of the event) and Calhoun.

## CW

Using NN4TO to remember and honor FQP veteran N4TO who passed away in August 2008, Dan, K1TO and Ron, K8NZ covered an ambitious route of 50 counties that was necessarily cut short by delays caused by the Federal Government road construction program. With 2029 20M QSOs to lead everyone and 703

40M QSOs (25 QSOs behind Team KK), plus 71 multipliers to tie Teams KK and KG, their bottom line score is less than 5% below the seemingly insurmountable N4TO record set in 2005 with almost 3000 QSOs. Team TO continues with the trailing edge approach of logging by hand, sending by hand and listening to a speaker in NZ's van outfitted with a pair of Hamsticks. Their last hour on Saturday was a cool 212 QSOs and only one clock hour out of the 20 was below 110 QSOs.



**Team NN4TO (K1TO, K8NZ) are all smiles after another job well done**

Arnie, W4EIP joined Jim, KC4HW and both came over from southeastern Alabama to cover 7 Panhandle counties on CW, although this was far short of their goal due to some issues that arose this year. Look for Jim and others in the AL QSO Party in early June.



**The KC4HW/m antenna trailer**

## Multi Op Multi Transmitter Mobile

Team N4KK (K9VV, WAØUSA, W4RIS) added hired gun Will, AA4NC this time, extended their

route by ten more counties (to 46) and significantly raised the bar once again. Their 2723 QSOs were just 9 below the top total of the weekend, and included the most QSOs of any mobile on 40 CW and 15 CW, and the 2nd most QSOs on 20 CW and 40 SSB, while matching the top CW multiplier of 71. Breaking the 1 Million point barrier, they join Team KG as the only ever to do so.

Perhaps the neatest aspect of this operation is that they rent a van, essentially gut it, install the station to be as noise-free as possible, then return it intact after the FQP!

## FLORIDA FIXED STATIONS

### Florida Mixed

Establishing his own dominance is Dick, K9OM, who used NO4S to almost lap the field of Florida entrants. This is Dick's 2nd victory in a row and 3rd in 4 years. Despite using low power, Dick's total multiplier count is above any other station, including the multi-ops and high power entrants. His 88 mults on CW equal the highest total for the HP CW-only group, so Dick knows how to ferret out those new ones that aren't necessarily actively participating in the FQP.

Bouncing back to his #2 spot of 2 years before was Ron, WD4AHZ with his usual clean low-power entry. Ron kept pace with the pack on 20 CW with 400 QSOs, but without anything directional on 40, that was not as productive. Ron likes to monitor 15 & 10 and found more QSOs there than anyone outside of CW winner K2EK.

Without a second op for the first time in a few years, Merrill, WK2G landed solidly in third place.

Another consistent effort from Jim, K4PV produced a #4 finish and #1 among the high-power mixed entrants. HP and his Flex radio allowed him to run well on SSB and his 774 SSB QSOs are 107 more than winner NO4S. Santa Rosa County would be a rare one without Jim's annual support.

The top QRP entry came from Mike, W5JBV with 317 CW QSOs.

Alan, N4ALN expanded his time on the air and provided more folks with the CW sweep on Sunday from Collier County. CLR has produced winners and thousands of QSOs on SSB in recent years, but CW QSOs from CLR continue to be a precious commodity.

### **Florida CW**

Utilizing the 2x score multiplier for low power, Bill, K2EK coasted to his first FQP victory. Bill tried harder than anyone to make 15M open up, yet he squeezed just 26 QSOs out of the band. Bill won many single-band DX titles from back in ENY, so to see him atop the listing is no surprise. Bill is actively planning a station expansion, so look for continually bigger and better things from him in the years to come.

With a new-found tenacity, Dave, N4IG stuck to the chair and gave Bill a run for his money with over 700 QSOs and the cleanest log of the top 18 CW-only.

Finishing 3-4 in a very tight finish were the top two high-power scorers – Bob, N4BP and Terry, N4TB. Breaking his own 2003 HP record and taking home the W1YL-sponsored plaque, Bob amassed 1076 valid QSOs, a new CW high-water mark from Florida. Terry was just 17 behind and found one extra multiplier to lead everyone with 88. As is his custom, Bob wore out the F1 key. Terry also CQed almost exclusively, but with some dualing CQs mixed in. What a great 20-hour race this was!

With a QRP score that was only a few thousand points below the mixed mode QRP winner, Will, WJ9B easily led the CW QRP group and almost “stole” the Top QRP plaque.

### **Florida SSB**

The most popular category within Florida this year was SSB-only, and the field of 37 had lots of fun providing QSOs to the rest of the world. None chose QRP.

Reclaiming the top spot was Doug,

N4DMD. With just 2 band-changes, Doug’s determination had him in the chair for even more than 20 hours. When the 0200Z bell sounded to end the first day, Doug just continued on as only a focused competitor would. Doug’s 1642 valid QSOs are way up from his prior efforts and more than 400 up from 2008.

Finishing behind Doug was last year’s winner, DXpedition veteran Bill, N2WB. There are about 4 hours of off-time scattered through Bill’s effort, so perhaps he could have erased the 303 QSO deficit to Doug in that time.

Making a huge splash in his first big FQP effort was David, K5RQ, operating from the top floor of a Gulf-front condo building. Using high power, David was the flame to whom the multiplier moths were drawn. With 114 multipliers, David was head and shoulders above all other SSB totals. Although he finished 49 QSOs behind Doug, the sponsor awarded the Top QSOs plaque to David to spread the plaques among the recipients.

Jim, K4JAF handed out rare Washington County to 745 folks, finishing 4th. High power entrant Lu, W4LT edged out high power entrant Steve, KT4Q for 5th. Lu established a new high total for 40M SSB QSOs with 411 while Steve made over 97% of his QSOs on 20M and had an extraordinarily clean log with just 4 errors in over 1150 QSOs.

Taking just a few short breaks on Sunday, the “Voice of Indian River County”, Sherri, W4STB was back at it in 2009 representing the newly established Florida East Coast DX Club. Sherri edged out Jeff, N4WZ in neighboring Martin County by virtue of her extra 6 multipliers.

### **Florida Multi-Single**

As opposed to the out of state group, the Floridian Multi-Singles tend to be more traditional, using multiple operators instead of being single ops with spotting assistance.

W4MLB in Melbourne is now set up in a new location and returned to the top of the heap with a group of 12

operators that is a mix of seasoned and newer ops.

Barely 10% down and also operating from BREvard was Jim, W4EE who invited Mike, N4MUH to come down from Jacksonville and operate with him, returning the favor that Mike extended in 2008.

Not to be outdone, the St. Petersburg ARC assembled 14 operators this time at club station W4GAC. Like W4MLB, they give lots of chair time to newer folks and emphasize the training aspect of operating while spreading the enthusiasm. They are in the process of moving to a newer, more spacious facility, but they promise to be on for FQP 2010 again!

Finishing #4-5 overall due to using high power and not getting the 2x score multiplier that low power lends were two more small teams. Tom, WB4PAP once again hosted noted meteorologist Scott, KT4PD. They milked 20 SSB for the margin of victory over a neat team of ops who met at W5GJ’s in Sarasota County. Brian, KP2HC and Ann, KP2YL, who have since moved back to St. Croix joined Bob and produced a nice balance of CW and SSB contacts.

On SSB, the 3-man team at W4UH easily topped their winning score from 2008, setting a new SSB M/S record in the process. They again did an especially solid job of tracking down multipliers as they logged 104, ahead of everyone except K5RQ, and it was that mult total that allowed them to triumph over WD4IXD.

Pete, WD4IXD and son Max, KJ4EUT pounded out the most QSOs of anyone during the FQP with 1713! This was great practice for their participation in the K4T expedition to the Dry Tortugas in March 2010 that also included W4UH and AI4QY, plus other FQP veterans.

### **Florida School Club**

Thanks to Kevin, K4PG, a School Club entry was submitted in Florida for the first time in a few years. Using K4PBC in Palm Beach County, Kevin set a new mark for future

School Clubs to shoot for. Kevin stuck to CW and did particularly well on 40 with almost 300 QSOs there.

## LOG CHECKING COMMENTS

This time, the plaque for Top Golden Log went to in-stater Dick, K4GKD with 275 errorless QSOs. Dick was so excited by this that he went and got a new shorter callsign after all these years – N9CompletelyManglefree.



### K4GKD's secret to a "Golden Log"

Others with nothing removed and at least 100 QSOs: K2DSL, K4BSK, K8MR, VE1DT, W2LE, W4MAY, W4NBS, W4NZ, W4UCZ, W8IDM, W9WI, WAØMHJ and WA6KHK.

Others with less than a 1% error rate and at least 100 QSOs include: CT1ILT, DL3DXX, KØPC, KØRC, K1GQ, K3TW, K4KG/m, K4MF, K4PBY, K5NZ, K5RQ, K7IA, K8MM, KG4W, KN5H, KT4Q, NØLY, N4EK, N4IG, N4UC, N5WR, N5ZK, N8OC, N8SS, N9CK, NA4CW, NN4TO/m, VA7RN, VE3DZ, VE3GSI, VE3UTT, W2TX, W3HDH, W4AN/m, W4MRJ, W4ZW, W8TM, WA3HAE, WB8JUI, WD4AHZ, WJ9B.

Uniques. There remains a bit of confusion about how log checkers handle them. While a few sponsors actually do remove uniques, the FQP and most other contest sponsors take a different view. If a call appears only in your log (the definition of "unique"), the reason should not be assumed that it is a busted call. There are many casual participants on the air every weekend and many (most,

for many contests) of them are not on the air specifically to make QSOs in a contest. Rather, they answer an enthusiastic CQ and help out with a contact. Bottom line – Unique contacts are not removed from your FQP entry if they are deemed to be a valid callsign/QTH combination.

Any attempts to spot yourself will land you in the Check Log category. While this is an every day occurrence in the world of DXing, it gives the contesting spotter an unfair advantage over those who wait for others to randomly spot them.

Remember that for each busted call or exchange, there is an extra penalty QSO removed. Duplicates are removed without penalty. Stringent log checking will continue. It remains a high priority for us to fully certify our winners (and the plethora of close races this year really made it critical!).

Each line score reflects the number of valid QSOs. Penalties are then subtracted before calculating the final score. Do not worry about logging stations in different formats (ex: K4OJ, K4OJ/m, K4OJ/ALC, K4OJ/m/ALC, K4OJ/r are all considered equal, as long as the received QTH field shows ALC).

A clarification for ALL categories: Change bands or modes as often as you want to. There is no 10-minute rule.

Once again, we request that logs be submitted in the Cabrillo format. Further information is available on-line at [www.kkn.net/~trey/cabrillo/](http://www.kkn.net/~trey/cabrillo/) Logs submitted in other formats, electronic or not, will continue to be accepted as well. Please include your callsign in the filename. Receiving a log named FQP.log does not immediately distinguish your entry from anyone else's. If you don't use a logging program and would still like to submit an electronic log, an on-line log entry page can be used after the contest to transpose your paper log at [www.b4h.net/cabforms/flqp\\_cab.php](http://www.b4h.net/cabforms/flqp_cab.php)

## CHANGES AND REMINDERS FOR 2010

The lucky 13th running of the revived FQP is **April 24-25, 2010**. Hours remain 1600Z Sat. – 0159Z Sun. (10 hours on), then 10 hours off, followed by 10 hours on from 1200Z – 2159Z Sun.

Full rules can be downloaded from [www.floridaqsparty.org/rules.html](http://www.floridaqsparty.org/rules.html)

We can confidently state that all 67 Florida counties will be available to work and that loads of fun can be had!

Mobile windows remain at 14040-14050 and **7025-7035**, on CW. On SSB, the mobile windows remain 14265-14275 and **7180-7190**. Fixed stations – PLEASE be respectful of the mobiles and avoid CQing in these windows and leave a little room on either side.

FL stations, both mobiles and fixed – please make your operating intentions known via the county operation "self service" entry page which can be accessed at [floridaqsparty.org/fqpcounties.php](http://floridaqsparty.org/fqpcounties.php) (tnx N8VW and K5TR for the script!) Verify that your entry was submitted at [www.floridaqsparty.org/cota.php](http://www.floridaqsparty.org/cota.php) and see the covered counties turn orange on the main page at [www.floridaqsparty.org](http://www.floridaqsparty.org)

Please get the word out and encourage your fellow local club members to help blanket the state with activity on both modes.

If you haven't already, please sign up for the FQP e-mail reflector at [kkn.net/mailman/listinfo/fqp](http://kkn.net/mailman/listinfo/fqp) Use of the reflector is encouraged during the 10-hour midpoint off period, even for single ops, as long as QSO schedules are not being set up.

If you are on Facebook, you can use our FQP page to post your "Soapbox" comments and photos. Just follow the link from the FQP web site.

A reminder for stations in Florida: Please log the /CTY for mobiles to allow multiple QSOs with them. At least one mobile station was (unfairly) reduced in the past for a not-in-log contact because the other FL station did not bother to log them in the new county, thinking it was a dupe. Remember, it's OK for you to work

mobiles in each county, too.

We encourage all participants to submit a log. E-mail to [logs@floridaqsoparty.org](mailto:logs@floridaqsoparty.org) within a month afterward, please. Your local competition in your category is often minimal and you could win a nice certificate as a result. Also, we love being able to verify as many of the claimed contacts as possible. See [www.floridaqsoparty.org/records.html](http://www.floridaqsoparty.org/records.html) for an idea of what past participants in your area have accomplished. If you made most of your contacts on one mode and a few on the other mode, we can take your full log and enter only your desired single-mode entry as a competitive entry and the contacts on the other mode as a check log. Please do not make contacts on the other mode and NOT submit at least a check log, though. You run the risk of causing a not-in-log entry for the folks you contacted on the other mode.

We are gratified by the tremendous growth that the FQP has experienced in its 12 years of rebirth and we hope that 2010 will be another record breaking year for participation, now that the sunspots have begun to return. We also know that our chief cheerleader, Jim, K4OJ is still keeping a watchful eye on us. **See you on April 24-25 for the 2010 FQP!** Full rules, records, mobile routes, "logs received" and more can be found at [www.floridaqsoparty.org](http://www.floridaqsoparty.org) Please check the "logs received" page at [www.floridaqsoparty.org/logs.html](http://www.floridaqsoparty.org/logs.html) before resubmitting or asking whether your log made it. The automated robot usually acknowledges entries promptly within minutes of receipt.

## THANKS

The Florida QSO Party is only possible due to a terrific corps of volunteers.

Ron, WD4AHZ, the FCG's VP for the FQP, handles the FQP web site and mailing list, and keyed in all of the paper logs once again, while assisting with getting logs through the new robot. Ron also produces the PDF file that you are reading now,

based on raw inputs. Jeff, WC4E came up with a new certificate design, then once again took the raw line scores and turned them into useful and meaningful customized data to print onto those certificates, then stuffed envelopes and matched them to mailing labels. Dan, W4UH spent many hours bringing the FQP records by QTH back up to date prior to the 2010 event. Eric, K9ES handles the ever-expanding plaque program. Trey, N5KO produced the robot to accept in logs at the last minute that saved many hours of manual labor and generously handles the web site hosting. George, K5TR handles many IT tasks related to the web hosting and log repository. Dan, K1TO helped to get logs through the robot, then did all of the log checking and produced the raw data, charts and write-up.

Thanks also to the folks who included cash with their mailed entries to help defray expenses. The vast majority of the expenses are covered by the Florida Contest Group, although the plaque program is essentially self-funded.

Last but not least, thanks to you, the participants. Without you, the party would not go on. Thanks very much for your support of the Florida QSO Party! Hope to see you on the air!

73, Dan, K1TO

President, Florida Contest Group

## SOAPBOX – NON-FLORIDA

**Timothy AJ4JD** - Fun contest. Wish I didn't have troubles with AC noise. I would have worked more stations. **Filipe CT1ILT** - Unfortunately this time I didn't have time to make a big effort... on Saturday lost about 2 hours setting up Win-Test Tunnel with some guys for IARU HF for REP HQ. On Sunday I had to come to Porto to the University earlier so most of the contest also gone. Anyhow, nice contest, good cndx on Saturday, W4AN and K4KG were always HUGE signals here. I missed OKA, which I was told that it wasn't that difficult to make. Nice cndx on 40m...and On Saturday cndx on 20m almost until the end. I see you guys next year for sure. **Gary CU2JT** - A sore rib kept me from golf so I could concentrate on defending the nice plaque from last year. I don't know how I succeeded,

there were several other EU stations taking the FQP seriously. However glad to beat my previous result and also very glad to make all 67 counties. Many thanks to all the rovers making this possible! **Dietmar DL3DXX** - Good propagation especially on Sunday. Band open until the end. I did not try 40m during night due to the RTTY contest. Did not expect to work all Florida counties on 20m. Competition with N3DXX made it difficult always to get correct in the logs. So I hope all stations have both DXX's right :-). Thanks especially all mobiles for a pleasant weekend. Will be back next year! **Daniel HK3Q** - Very nice QSO Party, made a lot of new counties and I am only missing Franklin and Putnam in FL. Hope to be back next year. **Claudio I4VEQ** - Always a great fun from the DX side. Thanks to all mobile stations. **Bob W0BH (signing K0HC)** - After a one day Nebraska QSO Party Run, returned home at 2:30AM hoping to work the FQP on Sunday. Got off to a late but good start, then severe weather rolled in and had to shut down for the rest of the day. Lots of fun anyway and enjoyed putting Hesston College on the air. Great job by the mobiles! **Paul K0JPL** - Another GREAT QP. Hats off to the mobile stations. I would like to see you add 80 meters. **Pat K0PC** - Outstanding job by the mobile ops! It was mostly a 20M contest from here and they certainly kept it interesting. I had 65 counties when I quit on Saturday afternoon and picked up #66 early Sunday morning. Then I had to wait for NO5W to hit GUL in mid afternoon for the sweep. I wasn't alone, there was quite a pile up when they crossed the county line. **Ted K1BV** - FL normally pounds in at my QTH. Condx very poor - most stations weak. We need sunspots, badly. **Jim K1TN/2** - Thanks to everybody who labored to make this a fun event, as always. I did what I could with only a 42-foot end-fed wire for an antenna, 15 feet above ground. That antenna needs Perfect Propagation, which it certainly did not have to Florida this weekend! I live just outside Atlantic City, New Jersey, 850 miles from Orlando. I think being 200 or so miles farther from Florida would have been much better for me. The mobiles were nearly always very weak and a lot of my QSOs with them were pretty much ESP. My hat is off to them for hearing me in a mobile environment. One definite advantage is that K1TO does not mistake me for K1TO (which people sometimes do). I used the same station in 2008 and did better. Mostly, that was because, in '08, 40 Meters was pretty good on Sunday morning. In '09, it was lousy, and there pretty much went my pipe dream of working all 67 counties. Other mobile operators that come to mind who had great ears were N4KK, N4PN, K4KG, K4OJ, and N4EEB. 20 Meters on Sunday was terrible for me; I heard all most of the mobiles, weakly, and much of the time they could not hear me. One time I worked NN4TO easily and he sent "new soon." Sure enough, about five minutes later he appeared



from a new country but he could not hear me. When NN4TO can't pull you out you know you're in trouble for sure. Such are the vicissitudes of the Propagation Gods, Rotten QSB, etc etc. Never the less, I shall return in 2010. Maybe 15 Meters will produce then and maybe I'll be retired in northern Vermont!

**Tom K3TW** - Many thanks to the fine Florida operators for making this a great QSO Party. See you next year from my new QTH in Citrus County.

**Dick K4XU/7** - Lotsa fun - even from way out here. Some of the mobiles had super sigs but most bunch of super ops and it was fun watching them work the piles when they hit a new county.

**Ray K7RFW** - Buddipole up 10 feet in a vertical w/counterpoise on Saturday (was doing a demo at a hamfest for emergency ops), and on Sunday used a 20 foot high 130 foot delta loop. Yaesu FT897D, Battery, and the N8XJK 12 Volt Boost Regulator. Interesting that the folks I caught were peaking around S5 to S9. The three strong S9++ stations never did hear me. Of course, one said he was running 1500 watts, so my 100 watts was way down.

**Jim K8IR** - The number of mobiles makes this one busy from start to finish. One of the best contests of the year. A lot of QSB on Sunday.

**Ken K9EN** - First time for all counties in a state QSO party.

**Gary K9LJN** - Sorry I couldn't give a full effort this year, but I still enjoyed contacting my old friends. I am amazed at the skill of the mobile operators and can't imagine the difficulties that they have to overcome in this contest. Good job guys!

**David KA0P** - Over 20 years since I last made an FQP contest QSO. Great to take part this year even though for such a short time. Equipment: Yaesu FT-757 and trap vertical.

**Steven KI6MYE** - 3<sup>rd</sup> QSO Ever!

**Tom KK4TA** - Contest was a lot of fun from TN, but not as much as being a Florida mobile. It was fun working you guys and remembering being there myself, both mobile and fixed. Hope to work this contest mobile again one day.

**Alan KO7X** - Sweep at 1444z, thanks to the 'OJ mobile. Last county was Desoto.

**Walter LW3EX** - My first time entry in the Florida QSO Party, spent a vey nice time, enjoyed a lot. Tnx all and 73.

**Craig N0EQ/7** - Please consider making a simple chart in the "results" PDF showing RANKED scores. Reading 35 pages of text is interested in bits. But I for one would like to be able to quickly look at my category and see who placed highest and where I placed in relation. Thanks for a fun QSO Party.

**Lee N5PO** - Great contest...one of the best state QSO Parties...got all counties this time, thanks to all the /M's.

**John N7UR** - Really tough band conditions this year! Mostly able to work the big multi-multi stations. Only a couple of mobiles heard. Sounded like there was a lot of participation by YL's and kids, which made this a nice diverse contest. See you next April.

**Jeff N8II** - A full time effort was not possible; we made a trip to Baltimore Saturday AM thru 19Z. By around 20Z, 20 was nearly dead to

FL! Condx were decent Sunday afternoon when I dared to try again, but by 2030Z, the band was going long again.

**Karl N8NA** - First, a thank-you to K1TO for the interesting write-up of the 2008 event. Second, kudos to all the mobiles who stayed with the contest for the entire twenty hours. Third, thank-you to W5WMU who conveniently exited the state at the top left, and provided the last one on the way out (OKA). For this station and location, the contest was an exercise in mini-pile-up busting all the way, as the activity was good and the propagation generally a bit long on 20 and short on 40. Breaking from my usual style of all computer generated cw, I went with the keyer for almost all the calls. As a result, I eventually got through to all but one (not counting K9ES/M who was not hearing well at all). The downside to the flexibility of using a keyer, is probably a higher error rate due to the increased work load, and thus no chance for a golden log. Some other observations: N4BP was the consistently loudest presence on the cw bands. N4AO/M was the loudest mobile. W4AN/M's ears more times than anyone else's heard me on the first call. N4KK/M2 was for several minutes in ALC on 40M and still in GIL on 20M ... I guess traffic had slowed to a snails pace across the county line... Thanks for an entertaining event yet again.

**Mike ND4V** - Thanks for putting on a great party. I didn't get a sweep but I was pleased with the score. Conditions were pretty good here. Skip was long on 20 and I couldn't hear many of the north FL stations there. The rovers did a great job.

**Peter NO2D/0** - Most FL stations were light, but copy okay. Going great guns until family social event shut down the station after only a short time. Family first, right????? MODE is CW Only.

**Dwight NS9I** - Missed by one, NAS (does that stand for nasty)? Great QSO Party, lots of great operators and mobiles. Nice rainy weekend up here in WI for it! See you all next year!

**Mark NU8Z** - What a great event! The FQP is an excellent event from here in Michigan. Thanks to all, but special mention has to be made of the great job the mobiles did. That is what makes the contest so much fun. Only spent 10 hours, but did get the CW sweep by working W5WMU/OKA at 19:23 on Sunday. I pulled the plug after getting the sweep. CU you next year!

**Jan PA6OI** - Just some QSOs for the record. Condx on 20m later in the evening not good from my Amsterdam QTH. Running 40w from Yaesu FT897, Rotary Dipole up 10m. 73 es CUAGN next year!

**Alexi UA3VVB** - It was so great to be heard in Florida! I run 100w to TH3MK4. 73!

**Glenn VA3DX** - Superb /Mobile efforts this year!

**Louis VE2EZD** - Thank you for this great QSO Party! I only had dipoles for 40m and 20m and I operated low power CW only. 20m was the best band for me as 40m was slow to open for FL at night. FT-950, Winkeyer USB, N1MM Logger.

**Rick VE3BK** - Just made a few contacts for fun. Band conditions were exceptional with S9+30Db signals from FL. Will have to put

more time in next year.

**Art VE3UTT** - Had a storm here in Ontario that caused me to shut down for some time. Couldn't do a mixed effort so stuck with CW. Amazing work by all of the mobiles. My top 3 for QSOs were: N4KK - 44, NN4TO - 42, K4KG - 35. There were at least three others in the low 30's. Again, amazing effort by them all. Great contest as always!

**Loyd VE7FCO** - Thanks for another great contest. Band conditions were not the greatest. Was able to work all the stations I heard.

**Keith VK4TT** - Spent a heck of a lot of time listening to QRN. Used SD programme by EI5DI worked vey FB.

**Bob W0BH/M** - Enjoyed mixing it up with the Florida QSO Party as I ran the Nebraska QSO party mobile from 22 counties...even some mobile to mobile contacts! Hope to actually run FQP one of these years. Special thanks to those who allowed me to dupe them as I moved into different counties!

**David W0PQ** - Elecraft K1 (5w) + G5RV. 2<sup>nd</sup> FQP. Lots of Fun!

**Jim W1WIU** - Thanks for a great QSO Party. Only had a few hours to operate, but meet lots of "1" call ops. Thanks to the rovers for multiple counties. How did I miss N4PN?? See you next year.

**William W2UDT** - Lots of FL stations on the air and plenty of mobiles to keep things interesting. Volunteer one weekend a month for my local first squad and my shift came up this weekend! Came close to last year's score! Kept checking 15m and nil there. 40m was long here early Saturday night. Thanks to all the mobiles for a great job! CU Next year!

**Frank W4CWA** - This was my first FQP but not my last. Many thanks to all of the mobile ops who put in such a great effort to make it all happen. 20m short skip was weak but workable Saturday and Sunday afternoons. NC to FL on 20m yielded ¼ of my contacts but 40m CW (as expected) was the place to be. See y'all next year!

**Alex W4JHU** - Thanks for a great contest.

**Karen W4KRN** - Fun QSO Party! Thanks to all the mobile ops, they all had very good ears. Condx better on Sunday.

**Jeff W5JNP** - I wanted to improve my score from last year's contest. I was able to set most of Saturday aside to work the contest. Most of the contacts were made doing S&P. I tried several times to Run on an open frequency, but very few many Florida stations responded. It was a great time and I was able to double my score over last year so I met my improvement goal. Thanks for the contest and I'll see everyone again next year.

**Ed W7GVE** - An enjoyable QP. Lotsa competition this year. On Sunday afternoon it sounded like the competition for the /M's was intense and I missed some counties.

**Paul W8TM** - Had some WX QRM--it was super-nice, hard to stay inside and operate.

**Lou W9IL** - Great contest! There was lots of activity from Florida, both fixed and mobile. Band conditions were not too bad, considering where we are in the sun spot cycle.

**Troy W9KVR** - This is my first time participating in the Florida QSO Party and stumbled upon it quite by accident. I had a blast working the

many stations I did in the very a limited amount of time on air. Everyone was great on the air and it has helped spark an interest in doing more QSO parties. I'll make sure to put it on my schedule next year, but perhaps open it up to our students and operate from our school station instead! 73! **David W9QL** - Well, I had hoped to improve my score over last year, but Mother Nature had other plans. Severe thunderstorms and lightning occurred most of the day on both Saturday and Sunday, limiting my operating time to 7.5 hours. Even when I could safely operate, the static crashes were so bad (especially on 40) that I had a hard time hearing anything. Hopefully, next year will be better. Thanks for another well run contest. **Mike W9RE** - Great activity by all makes this the best state QSO party! **Keith WA3HAE** - Mobiles = Fun! What Fun!!!! Thanks to W4AN/UNI for the CW sweep! **Norm WA4ZXV** - Fun contest. Started a little slow, but picked up after a while. Looking forward to next year. **Frank WA6KHK** - Only 3 short of sweeping all 67 Florida counties! Great contest! **Rick WB8JUI** - As usual, the FQP provides a lot of great mobile and rover activity. A job well done by all! **Angel WP3GW** - Had to work all weekend but at least did some stations in the morning. 'Til next year!

#### SOAPBOX – FLORIDA

**Bob K2EUH** - I think I violated the mobile window at times for which I apologize. With my small station I am happy to have done as well as I did. This is only my 3rd FQP ever and I learn every year. **Kevin K4OJ/M** - Another fantastic FQP! Red and I had a great time. Thanks to all of the stations that followed us from county to county. See you all next year!**Jim K4PV** - I started the contest with information from the Hard Copy Florida QSO Party (Orange) Flyer that was mailed to me. However, the 40 mobile window was showing 7.265-7.275. So, I had the wrong window. My fault for not checking the FQP website. Later, I figured out that the website had the correct 40m window...7.180-7.190... signals then began to appear. **David K5RQ** - This was my first FQP and the activity was good. This year I decided to go SSB only. I may try mixed mode next year. **Ronald KC4MYV** - Very nice contest! Doubled my score from last year. I think I'm ready for Field Day now. **Lou KE1F/4** - I had the best runs ever had in a contest. To improve my score I will have to learn to budget my time better. Also I have to reduce the radiation angle of my 2EL SteppIR (from 26' to 60'?) to get runs with stations from Europe. **John KE4CEC** - This is my first shot at a contest and first shot at this form. Thanks! **Bob KF4DVG** - Overcame the Honey-Do's and had a blast! 73! **Ed KN4Y** - Good weather for a mobile to be out, 20m and 40m in good shape, fun pileups, a pipeline directly into the belly of the VE3's, and good DX signals. When 80m is added this will be the greatest

state QSO party of all. **Bill N2WB/4** - Super time this year. Condx good...thanks to all! **John N4DXI** - Nothing on 10m, next to nothing on 15m. **Keith N4ZQ** - Most fun I've had with my clothes on in a long time. **NN4TO/M** - Another memorial operation to remember Vic N4TO (sk) who loved multi-op mobiling in the FQP. Huge thanks to the many stations worked from multiple counties! One of the highlights was a 212 hour to end the Saturday operating period. A major highway construction project caused us to reduce the route to 50 counties. Used Hamsticks on the roof of a minivan with an Icom 746. All logging and CW sending was by hand. 73, Dan K1TO. **Chuck NO5W/M** - Equipment: 2002 Pathfinder HiQ 4/80 antenna with MFJ 1924 controller Elecraft K3 remote controller from CQ/X Navigator USB Interface by US Interface for CAT, WinKey, and GPS Interface Garmin GPS-18PC DLX GPS receiver GPS-Enabled Logging Software: CQ/X de NO5W ver 1.7.6 Deka 75 AHR AGM Auxiliary Battery with Super Power Gate charging system Palm Paddle 2300Z Wednesday April 29 - We just got back to Houston an hour ago from our third mobile trip in the Florida QSO Party and in this case the third one definitely had the charm as the results were a personal best for us -- and Murphy was no where in sight. My driver, Keri, and I drove over on Friday before the party arriving in Pensacola just in time to join Jay N4OX, his fiance Christina, Jim KC4HW, and Arnie W4EIP at the bar of the Ruby Tuesday across from our hotel. After getting acquainted we went in for dinner and Jay went way beyond the call of duty and treated us all -- thanks Jay. We knew from announced plans that the panhandle would be smoking with QSOs on Saturday morning as KC4HW, W4AN, NF4A, and NO5W planned to start from the same or nearby counties mobiling east across the area. The possibility of running into each other seemed obvious but I was surprised when shortly after noon as we headed down US231 and right at the turning point onto SR20 I heard strong clicks from an off-frequency signal. Figuring another station was nearby I looked out the driver's side window and saw W4AN side-by-side with us at the traffic light. We both pulled into a near by service station for reasons other than fuel and after those duties were taken care of K4BAI, KU8E, Keri and I stopped for an eyeball QSO. Both groups planned to head east on SR20 until Liberty County where W4AN was to go south and we were to head back north to pickup Gadsden and then I-10 for a long trek to Jacksonville. So to avoid QRming each other John and Jeff gave us a head start down SR20. That was the last we saw of the W4AN crew until about half hour after the Saturday session was over when we met them again in Orange Park at -- you guessed it -- Ruby Tuesday. At that point we were also joined by K1TO, K8NZ, VE7ZO, and K5KG for lively discussions about how the day went, a few station tours, and a photo-

op or two. Meeting up with other mobiles and members of the FCG has always been one of the big attractions of the FQP for me but of course the main attraction is the tremendous crowd that comes to the party and the possibility of some really good mobile contesting. This year was no different and in fact judging from my results it was the best of the three that I have been involved in. Here are some statistics on a county-by-county basis with the first number being the total QSOs in the county and the second number the initial ten-minute hourly rate in the county: Bay (117/72), Clay (105/138), Franklin (99/162), Gulf (76/120), Wakulla (71/144), Taylor (69/36), Lafayette (64/150), Dixie (63/138), Duval (55/144), Levy (53/192), Putnam (50/60), Gadsden (49/156), Leon (48/156), Baker (47/186), Jefferson (47/150), St.Johns (46/120), Walton (45/78), Alachua (43/114), Gilchrist (43/144), Bradford (42/162), Madison (40/150), Calhoun (40/132), Washington (40/72), SantaRosa (39/102), Suwannee (37/174), Jackson (32/162), Nassau (32/174), Holmes (30/108), Okaloosa (30/138), Liberty (27/138), Hamilton (26/144), Union (25/30), Columbia (23/120), Escambia (18/90). Regardless of the above numbers the most exciting and challenging county was Gulf which we hit near the end of our route on Sunday afternoon. Toward the end of Franklin, the county just prior to Gulf, things got somewhat slow and I started getting quite a few questions concerning when I would be in Gulf. It became obvious that quite a few folks needed Gulf. On the first announcement that we had entered Gulf I had a "tiger by the tail" and was living on the edge of chaos. We managed the pileup as best we could and stopped at a convenient location to make sure we didn't leave any QSOs on the table. I hope that if you were in there we eventually got around to getting you in the log. It was great fun on our end, hopefully also on yours. Thanks to the following stations for contributing more than half the QSOs N5WR (36), VE3UTT (33), K0RC (30), VA3DX (28), VE3KZ (25), K5WAF (25), W8MJ (24), VE3DZ (24), DL3DXX (24), NS9I (23), K0PC (23), VE3KP (22), KO1U (22), CT1ILT (20), CU2JT (19), K8IR (19), N9CK (19), K9LJN (19), WB8JUI (18), K6LA (18), K3WW (17), W9RE (17), W5TM (17), NU8Z (16), G4BUE (16), N8NA (16), VA3DF (16), K3TW (15), W1UJ (15), K3ONW (15), KO7X (15), N2AA (15), W7RN (15), N5PO (15), VE4EAR (15), N9FC (14), WA7JHQ (14), K0IO (14), NT2A (14), VE3GSI (13), WA3HAE (13), N5ZK (12), W2LHL (12), K7QQ (12), W1DWA (11), K0JPL (11). Thanks also to all the stations who corrected my fat-fingering of their calls when I went back to them. In most cases I was aware of the fat-fingering but it's always a good idea to bring it to my attention. In the Single Op + Driver category it should go without saying that the driver is a key contributor to the overall operation. To drive 18-20 hours

covering about 1000 miles over two days and to only miss one turn is no mean feat. So, a great big thanks to Keri for keeping us heading in the right direction. Hope to see you later this year in the Texas QSO Party and other contests in between as well as at Contest University and the contesting hospitality suites at Dayton. 73/Chuck/NO5W. **William NZ1D/4** - Hard to hear anyone tnx to constant S9+10dB powerline buzz. Would have been a bust except for Kenwood's excellent noise blanker design. **Alan W4ARM** - Worked just over 100 in an hour on Saturday evening in the last hour of the contest, then struggled Sunday for the remaining 275 or so. **Eric W4KPG** - Saturday was good, Sunday not as good at my station. **Paul W4MAY** - Only spent a couple of hours on Saturday. Had to hop a plane Sunday for Dubai for an unplanned business trip. **W4MLB** - It was good to get the PCARS club back operating with an entry in the FQP. We had a good turnout by club members. Station was a Kenwood TS-850 to a Mosley PRO67B at 60'. 73, Jan K4QD. **W4MRJ** - The first FP for the entire team. CT DOS presented some problems with HI, AK, DC multipliers as well as counting some Florida counties as DX entities. 20m best band. SP RTTY Contest made 40m CW very difficult. 73, Brian KP2HC/W4. **Richard W4RLR** - Sorry for the short log. Had a family emergency that kept me from participating further. Hope to do better next year. **W4UH** - What a blast...the FQP is just awesome fun for those trying to learn to be a contester and us ole timers! On Friday 4/24, I scheduled a day prep session with our team from the 2008 FQP, Pete / AI4QY & Mark / KI4YCC and advised them that goals were 1500 Qs & 100 multipliers. On Saturday, 4/25, I told Pete that he was 1st in hot seat with Mark logging. Pete worked 425 Qs in the 1st 4 hours, not bad for his 3rd contest. The 20 meter band was up & down, so later we switched to 40 meters & we finished the 1st day with 822 Qs & 87 mults. But, the question was, would we reach the goals? It looked like max Qs were going to be between 1200 & 1300. On Sunday, 4/26, Dana (my daughter), who had logged for me before, came over to help log. Again, the bands were up & down, but we had some nice runs. While Mark was running, the Kalamazoo cuckoo showed up. Basically, we told him to go away and he left. I ran the Qs to 1206 and put AI4QY back in the hot seat & told him if we didn't make our goals it was all his fault, it was now up to him. Checked occasionally during the next 3 hours and observed that Pete was finally starting to sound like a real contester and found that he had run the Qs to 1500. Had Mark operate next, with myself in the "clean-up roll". Result: we worked all states, and finished with 1592 Qs and 106 mults. Hopefully, the logging will hang on to most of the Qs & mults! Goals for next year: 1800 Qs & 110 mults??? Our collective thanks to the FCG for a great contest, and to all of the FCG members & others that worked us! 73, Dan

W4UH. **Bob WA4OAB** - Still with out my tower/quad, the G5RV just doesn't cut it on 20 meters in these conditions. Local QRN both days starting around 1600E with a S9, couldn't hear a thing and had to shut down 3 hours on Saturday and quit Sunday at 1600E, no idea what was causing it. I have to have my tower/quad in place soon. Looking forward to 2010 already, I love this weekend. **Don WN3USA/4** - Always a pleasure to work the rest of the world from sunny Florida!

## FQP 2009 PLAQUE WINNERS

SPONSOR	PLAQUE	WINNER
K9VV	Top Florida Mixed Mode	NO4S (K9OM)
K1PT	Top Florida CW	K2EK
W1YL	Top Florida CW High Power - Honoring W1CW / K4OJ	N4BP
ARA SWF	Top Florida SSB - In Memory of Jordan Mash WB2QLP	N4DMD
N4BP	Top Florida QRP	W5JBV
K1TO	Top Florida Mobile No Driver	NF4A
N4LZ	Top Florida Mobile Plus Driver	N4EEB
K4RX	Top Florida Mobile Mixed Mode	N4PN
K9OM	Top Florida Mobile Multi-2	N4KK (AA4NC, K9VV, W4RIS, WA0USA)
N4EEB	Top Florida Mobile SSB	W8FNW
WC4E	Top Florida Mobile Multi-Single	K4KG (K5KG, VE7ZO)
K1TO	Top Florida Mobile Multi-Op CW (N4TO Memorial)	NN4TO (K1TO, K8NZ)
K4PG	Top Florida Multi-Single	W4MLB (AF4Z K3VN K4PX K4QD KD4HHF KI4TG KJ4DDM KT4FY N8KH NN4JJ W4LVA WF3C)
K4LQ	Top Florida Club Station	W4GAC (AG5I K4OB KG4PMC KI4RVU KP2N KR4U N1XX N2ESP N4GD N4RI W4CU W4NHQ WA4EEZ WB2SUN)
YCCC	Most QSOs Florida Single Operator	K5RQ
NF4A	Top Non-Florida Mixed Mode	W8MJ
N4OO	Top Non-Florida CW	N5WR
KT4PD	Top Non-Florida SSB	HI3CCP
NA4CW	Top Non-Florida QRP	K3TW
W4TBB / AE4TE	Top Non-Florida School	K0HC
W4LIS	Top Non-Florida YL	W4KRN
AA4HP / K4MVO	Top Non-Florida Club Total Entry (minimum 10 entries)	Contest Club Ontario
T.C.G. - NY4N	Top Non-Florida Multi-Single	NO4Q
N4PN	Top Canada Mixed Mode	VA3DX
N4LZ	Top Canada CW	VE3UTT
K1KNQ	Top Canada SSB	VA3OX
N2NL	Top Score Oceania	VK4TT
KE1F	Top Europe CW	DL3DXX
N4OK / K4FO	Special Achievement - First Station to Sweep all Counties	K3WW
N4DL	Top DX Mixed Mode	HK3Q
K1TO	Largest Golden Log (Zero Errors)	K4GKD
K5KG	First Station to Work All Counties	VE3DZ
SPECIAL AWARD	Case of Louisiana hot sauce	
W5WMU	Most QSOs with Mobiles	W8MJ

A huge round of applause for both our plaque/award winners and their sponsors, please! There are plenty of additional plaques that could be sponsored, so if you and/or your club have/has an interest, please contact K9ES, WD4AHZ or K1TO.

### Florida Fixed Results

#### Single Op Mixed

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	CTY	PWR	CLUB
NO4S (K9OM)	746	88	667	76	695,688	VOL	LP	FCG
WD4AHZ	577	71	246	56	353,060	SAR	LP	FCG
WK2G	514	68	250	51	301,546	PAS	LP	FCG
K4PV	597	68	774	63	250,472	SAN	HP	FCG
K1PT	347	65	301	58	238,128	MRT	LP	FCG
N4EK	275	60	318	58	203,668	CIT	LP	FCG
KI4FIA	267	56	238	49	160,020	VOL	LP	
W4SO	262	68	554	71	141,363	BRO	HP	FCG
W5JBV	317	55	42	18	136,656	BAY	QRP	
W1MD	405	69	112	43	100,912	BRE	HP	FCG
K4LRP	201	53	70	28	73,062	BRE	LP	FCG
K4GKD	260	56	15	9	69,550	HIL	LP	FCG
N4ALN	145	48	156	45	39,339	CLR	HP	
AF2C	24	7	246	54	34,404	FLG	LP	
KK9O	99	39	60	23	30,628	PAL	LP	
N4DXI	38	22	154	48	15,190	LEV	HP	FCG
K4ADR	1	1	95	40	7,298	CLR	LP	FCG
KQ4Y	5	4	19	13	986	NAS	LP	

W4OV 8 3 16 12 435 BRO HP

**Single Op CW**

<b>CALL</b>	<b>CW-Q</b>	<b>CW-M</b>	<b>SCORE</b>	<b>CTY</b>	<b>PWR</b>	<b>CLUB</b>
K2EK	792	80	246,720	SUM	LP	FCG
N4IG	719	70	199,920	POL	LP	FCG
N4BP	1076	87	184,614	BRO	HP	FCG
N4TB	1059	88	183,216	HIG	HP	FCG
AD8J	597	69	162,840	IDR	LP	MRRRC
NA4CW	540	71	152,224	BRE	LP	Indian River ARC
W3TMZ	472	71	132,628	CIT	LP	FCG
WJ9B	356	62	131,316	ALC	QRP	FCG
KE1F	638	72	87,696	FLG	HP	FCG
W4KPG	370	61	86,620	PAL	LP	
K2EUH	368	59	84,960	POL	LP	
W4ARM	371	58	83,520	DAD	LP	FCG
W4YA	359	54	75,816	SEM	LP	FCG
N4PJ	277	54	58,104	LAK	LP	FCG
K4MF	265	55	57,860	OSC	LP	FCG
W2TX	230	51	46,512	BRE	LP	FCG
NN4X	221	48	41,088	OSC	LP	FCG
K1SA	202	51	40,188	PAL	LP	
K4PBY	161	41	39,360	OSC	QRP	FCG
N4WO	219	46	37,904	HER	LP	FCG
K2ZR	147	41	35,424	MON	QRP	WNYDXA
KR4X	197	45	33,300	HIL	LP	FCG
W4ZW	144	51	29,172	SAR	LP	FCG
N4ZQ	125	46	22,080	PIN	LP	
K1AA	149	44	19,008	ORA	LP	
N3GD	82	33	10,692	POL	LP	
NE8J	96	38	6,916	SUM	HP	
W1MO	78	33	5,148	VOL	HP	FCG
K1UQE	43	20	2,320	CLR	LP	ARASWF
N3JW	18	12	864	BAY	QRP	

**Single Op SSB**

<b>CALL</b>	<b>SSB-Q</b>	<b>SSB-M</b>	<b>SCORE</b>	<b>CTY</b>	<b>PWR</b>	<b>CLUB</b>
N4DMD	1642	85	268,940	CLR	LP	FCG
N2WB	1339	90	230,220	VOL	LP	FCG
K5RQ	1593	114	179,892	SAR	HP	FCG
K4JAF	745	72	105,696	WAG	LP	ACG
W4LT	1126	68	75,004	HIL	HP	FCG
KT4Q	1151	65	74,555	LAK	HP	FCG
W4STB	755	81	59,373	IDR	HP	FL East Coast DXC
N4WZ	812	75	58,350	MRT	HP	
N2YH	387	50	37,500	HER	LP	
N4BU	511	63	31,500	LAK	HP	FCG
W4TBB	392	61	23,363	PAL	HP	FCG
W4MAY	231	47	21,714	STL	LP	
W4DAS	201	52	20,592	MRT	LP	FCG
N1ADY	198	47	18,142	PAS	LP	FCG
WA4OAB	300	54	15,876	PIN	HP	FCG
KR4ZA	148	42	12,264	GLA	LP	
N3NC	153	49	11,956	PAS	LP	
W1GUD	111	46	9,660	HIL	LP	FCG
AE4TE	195	48	9,024	PAL	HP	FCG
KF4DVG	91	27	4,806	SAN	LP	
N4LZ	71	33	4,686	MAO	LP	FCG
KD4YXB	83	29	3,944	BRE	LP	
K4JC	62	32	3,840	BRE	LP	
KD4MZM	43	24	2,064	SAR	LP	
KE4CEC	40	19	1,444	MRT	LP	
WN3USA	33	15	960	POL	LP	
W3GQJ	30	16	896	SUM	LP	
NZ1D	18	14	504	LAK	LP	
KC4MYV	19	12	432	NAS	LP	
K4TVO	14	12	336	LEE	LP	
N2EGO	11	8	160	PIN	LP	

ND9N	9	8	128	MRT	LP	
NØRZT	8	8	112	SAN	LP	PARC
N3TEE	6	6	72	CHA	LP	
K4CFQ	9	8	64	PAL	HP	
K1HH	5	4	40	CLR	LP	
K4GOP	6	3	30	DUV	LP	
W4RLR	2	2	8	OKA	LP	

#### Multi Op Single Transmitter Mixed

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	CTY	PWR	CLUB	OPS
W4MLB	444	67	427	60	314,452	BRE	LP	PCARS	
	(AF4Z K3VN K4PX K4QD KD4HHF KI4TG KJ4DDM KT4FY N8KH NN4JJ W4LVA WF3C)								
W4EE	399	66	339	59	278,250	BRE	LP	FCG	+N4MUH
W4GAC	463	65	300	53	277,064	PIN	LP	FCG	
	(AG5I K4OB KP2N KR4U KG4PMC KI4RVU N1XX N2ESP N4GD N4RI WB2SUN W4CU W4NHQ WA4EEZ)								
KT4PD	530	83	715	67	263,400	BRE	HP	FCG	+WB4PAP @WB4PAP
W4MRJ	570	75	538	61	226,304	SAR	HP	FCG	KP2HC KP2YL W5GJ @W5GJ
K4PB	480	70	68	28	99,666	PAL	HP	FCG	+spots

#### Multi Op Single Transmitter CW

CALL	CW-Q	CW-M	SCORE	CTY	PWR	CLUB	OPS
W4NLX	103	35	11,760	BRE	LP	Indian River ARC	N4UTQ KN4JN

#### Multi Op Single Transmitter SSB

CALL	SSB-Q	SSB-M	SCORE	CTY	PWR	CLUB	OPS
W4UH	1537	104	154,544	PAL	HP	FCG	+A14QY KI4YCC
WD4IXD	1713	82	138,170	LAK	HP	FCG	+KJ4EUT

#### School Club

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	CTY	PWR	CLUB
K4PBC (K4PG)	543	73	0	0	156,512	PAL	LP	Atlantic High School ARC

### Florida Mobile Results

#### Mobile Single Op Mixed (No Driver) - Cumulative Calculated Scores

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	#CTY	PWR	CLUB
NF4A/m	862	66	163	37	384,190	18	LP	FCG

#### Mobile Single Op CW (No Driver) - Cumulative Calculated Scores

CALL	CW-Q	CW-M	SCORE	#CTY	PWR	CLUB	OP
AD4Z/m	902	67	236,376	8	LP	FCG	
N4AO/m	912	65	233,220	13	LP	FCG	WC4E
K4LQ/m	402	53	78,652	12	LP	FCG	

#### Mobile Single Op SSB (No Driver) - Cumulative Calculated Scores

CALL	SSB-Q	SSB-M	SCORE	#CTY	PWR	CLUB
W8FNW/m	213	37	13,616	23	LP	
K1KNQ/m	151	38	11,324	13	LP	FCG
N1XC/m	80	30	4,680	4	LP	

#### Mobile Single Op Mixed (Plus Driver) - Cumulative Calculated Scores

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	#CTY	PWR	CLUB
N4PN/m	1558	63	355	44	366,261	31	HP	SECC
W5WMU/m	1264	57	43	14	359,970	31	LP	LA CC

#### Mobile Single Op CW (Plus Driver) - Cumulative Calculated Scores

CALL	CW-Q	CW-M	SCORE	#CTY	PWR	CLUB
N4EEB/m	2082	65	534,300	40	LP	FCG
NO5W/m	1602	64	401,408	34	LP	CTDXCC
KN4Y/m	1427	64	350,976	27	LP	Sportsman's Paradise ARC
W4ZW/m	284	43	46,612	6	LP	FCG

#### Mobile Multi Op Single Transmitter Mixed - Cumulative Calculated Scores

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	#CTY	PWR	CLUB	OPS
K4KG/m	2136	71	171	56	1,120,140	45	LP	FCG	K5KG VE7ZO
W4AN/m	1762	69	93	25	676,424	31	LP	SECC	K4BAI KU8E

K4OJ/m	2009	67	37	15	644,028	38	LP	FCG	KØLUZ N4KM
K9ES/m	1007	55	20	13	257,448	36	LP	FCG	+AD4ES KD2JA

**Mobile Multi Op Single Transmitter CW - Cumulative Calculated Scores**

CALL	CW-Q	CW-M	SCORE	#CTY	PWR	CLUB	OPS
NN4TO/m	2732	71	770,776	50	LP	FCG	K1TO K8NZ
KC4HW/m	250	42	38,976	7	LP	ACG	+W4EIP

**Mobile Multi Op Multi Transmitter Mixed - Cumulative Calculated Scores**

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	#CTY	PWR	CLUB	OPS
N4KK/m	2526	71	197	29	1,023,000	46	LP	FCG	AA4NC K9VV W4RIS WAØUSA

**Mobile Single Op Mixed (No Driver) - Individual County Scores**

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	CTY	PWR
NF4A/m	69	34	37	25	20,650	CAH	LP
NF4A/m	92	35	6	2	13,616	TAY	LP
NF4A/m	48	27	33	19	11,868	HOL	LP
NF4A/m	68	31	8	7	10,944	OKA	LP
NF4A/m	52	34	6	5	8,580	MAD	LP
NF4A/m	63	32	2	2	8,568	JEF	LP
NF4A/m	39	24	23	14	7,676	BAY	LP
NF4A/m	51	28	5	3	6,386	LIB	LP
NF4A/m	48	26	5	5	6,138	GUL	LP
NF4A/m	47	27	4	4	6,076	LEO	LP
NF4A/m	47	26	3	2	5,432	WAL	LP
NF4A/m	36	22	12	9	5,208	JAC	LP
NF4A/m	39	27	1	1	4,312	WAK	LP
NF4A/m	31	20	8	8	3,920	WAG	LP
NF4A/m	34	20	7	5	3,650	GAD	LP
NF4A/m	33	20	3	3	3,174	FRA	LP

**Mobile Single Op CW (No Driver) - Individual County Scores**

CALL	CW-Q	CW-M	SCORE	CTY	PWR
AD4Z/m	199	52	40,560	MON	LP
AD4Z/m	182	48	34,560	DAD	LP
N4AO/m	103	42	17,304	MTE	LP
AD4Z/m	96	40	15,200	PAL	LP
N4AO/m	106	36	14,832	HIL	LP
AD4Z/m	85	37	12,432	CLR	LP
AD4Z/m	92	34	12,104	GLA	LP
AD4Z/m	85	35	11,060	HEN	LP
N4AO/m	74	36	10,512	HAR	LP
N4AO/m	75	35	10,360	SAR	LP
AD4Z/m	89	29	9,976	OKE	LP
N4AO/m	71	35	9,940	DES	LP
AD4Z/m	74	32	9,472	BRO	LP
N4AO/m	65	33	8,580	PIN	LP
N4AO/m	65	33	8,580	POL	LP
K4LQ/m	70	32	8,576	STL	LP
N4AO/m	67	31	8,308	HER	LP
N4AO/m	66	31	8,184	CHA	LP
N4AO/m	64	29	7,192	PAS	LP
K4LQ/m	58	31	6,696	DES	LP
N4AO/m	58	28	6,160	SUM	LP
NF4A/m	58	27	6,048	LAF	LP
K4LQ/m	53	25	5,100	BRE	LP
N4AO/m	50	25	4,900	LAK	LP
N4AO/m	48	27	4,752	CIT	LP
W4ZW/m	42	25	4,200	CHA	LP
K4LQ/m	38	21	2,856	VOL	LP
K4LQ/m	32	21	2,184	IDR	LP
K4LQ/m	29	20	2,000	HAR	LP
K4LQ/m	27	17	1,632	OKE	LP
K4LQ/m	22	17	1,496	GLA	LP
K4LQ/m	25	16	1,472	POL	LP
K4LQ/m	21	12	960	MTE	LP
K4LQ/m	18	10	640	HIG	LP
K4LQ/m	9	6	216	HEN	LP

NF4A/m 7 6 168 SAN LP

**Mobile Single Op SSB (No Driver) - Individual County Scores**

ALL	SSB-Q	SSB-M	SCORE	CTY	PWR
N1XC/m	28	19	1,026	MRT	LP
N1XC/m	29	17	952	PAL	LP
W8FNW/m	28	16	896	PAS	LP
K1KNQ/m	26	17	884	SUW	LP
K1KNQ/m	21	14	588	MAO	LP
W8FNW/m	18	13	468	HIL	LP
W8FNW/m	20	12	432	HER	LP
W8FNW/m	19	12	432	LEV	LP
N1XC/m	14	13	364	OKE	LP
W8FNW/m	17	10	340	PIN	LP
K1KNQ/m	18	9	324	HIL	LP
W8FNW/m	13	12	312	PAL	LP
K1KNQ/m	12	10	240	LAF	LP
K1KNQ/m	13	9	234	HER	LP
K1KNQ/m	11	10	220	SUM	LP
N1XC/m	9	9	162	STL	LP
K1KNQ/m	12	7	154	PAS	LP
W8FNW/m	11	11	154	TAY	LP
W8FNW/m	11	11	132	HEN	LP
W8FNW/m	13	13	130	LEE	LP
W8FNW/m	11	7	126	CIT	LP
K1KNQ/m	9	7	112	DIX	LP
K1KNQ/m	7	6	84	GIL	LP
W8FNW/m	8	6	84	OKE	LP
W8FNW/m	8	6	84	STL	LP
W8FNW/m	6	6	72	DIX	LP
W8FNW/m	6	6	72	SAR	LP
W8FNW/m	6	6	48	MAD	LP
K1KNQ/m	5	4	40	CIT	LP
K1KNQ/m	5	4	40	CLM	LP
K1KNQ/m	4	3	24	LAK	LP
W8FNW/m	4	4	24	GLA	LP
W8FNW/m	3	3	18	CHA	LP
W8FNW/m	3	3	18	SUW	LP
K1KNQ/m	8	1	16	ALC	LP
W8FNW/m	3	3	12	MRT	LP
W8FNW/m	2	2	4	HAM	LP
W8FNW/m	1	1	2	CLM	LP
W8FNW/m	1	1	2	DES	LP
W8FNW/m	1	1	2	LAF	LP

**Mobile Single Op Mixed (Plus Driver) - Individual County Scores**

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	CTY	PWR
N4PN/m	98	36	61	26	31,744	SEM	LP
N4PN/m	81	35	31	19	20,412	VOL	LP
N4PN/m	66	27	66	25	20,384	ORA	LP
W5WMU/m	76	34	4	4	11,704	ESC	LP
W5WMU/m	77	32	3	3	10,850	DAD	LP
N4PN/m	64	29	16	9	10,716	CIT	LP
W5WMU/m	67	34	2	1	9,520	MRT	LP
N4PN/m	61	32	5	5	9,398	FLG	LP
N4PN/m	58	28	12	8	9,216	BAK	LP
W5WMU/m	64	31	3	3	8,908	BRE	LP
W5WMU/m	65	28	4	4	8,320	WAL	LP
N4PN/m	66	30	1	1	8,246	WAK	LP
N4PN/m	54	32	7	3	7,910	UNI	LP
N4PN/m	49	34	5	4	7,828	CLA	LP
N4PN/m	51	32	8	4	7,776	STJ	LP
N4PN/m	51	29	10	5	7,344	BRA	LP
N4PN/m	50	27	10	6	7,260	DIX	LP
N4PN/m	42	28	14	9	7,104	NAS	LP
W5WMU/m	45	26	6	6	6,144	DUV	LP
W5WMU/m	56	26	1	1	6,102	MAD	LP
N4PN/m	38	23	16	10	6,072	PUT	LP



N4PN/m	57	24	3	2	5,980	TAY	LP
W5WMU/m	59	24	1	1	5,950	OKA	LP
N4PN/m	39	22	14	10	5,760	DUV	LP
W5WMU/m	54	24	2	2	5,616	SAN	LP
N4PN/m	32	20	27	9	5,278	LEV	LP
W5WMU/m	46	23	4	4	5,184	PAL	LP
N4PN/m	42	21	10	5	4,888	LAF	LP
W5WMU/m	43	25	2	2	4,644	GLA	LP
N4PN/m	29	24	14	8	4,608	ALC	LP
N4PN/m	40	27	1	1	4,312	HAM	LP
W5WMU/m	43	24	1	1	4,150	BAK	LP
N4PN/m	25	17	15	10	3,510	MAO	LP
N4PN/m	36	23	1	1	3,504	LAK	LP
W5WMU/m	41	17	3	3	3,400	JAC	LP
W5WMU/m	38	20	1	1	3,150	MON	LP
N4PN/m	33	21	6	2	3,128	GIL	LP
N4PN/m	31	20	1	1	2,562	MAD	LP
W5WMU/m	34	16	2	2	2,520	WAG	LP
W5WMU/m	34	17	1	1	2,484	CLM	LP
W5WMU/m	31	19	1	1	2,440	JEF	LP
N4PN/m	26	17	1	1	1,836	SUW	LP
W5WMU/m	14	9	2	2	616	OSC	LP

**Mobile Single Op CW (Plus Driver) - Individual County Scores**

CALL	CW-Q	CW-M	SCORE	CTY	PWR
N4EEB/m	105	45	18,900	HIL	LP
NO5W/m	112	39	17,160	BAY	LP
NO5W/m	98	37	14,356	CLA	LP
N4EEB/m	103	34	13,736	ALC	LP
N4EEB/m	96	36	13,680	HAR	LP
KN4Y/m	96	34	12,648	LEO	LP
NO5W/m	96	32	12,160	FRA	LP
N4EEB/m	82	37	11,840	MAO	LP
KN4Y/m	90	34	11,832	JEF	LP
KN4Y/m	92	32	11,392	FRA	LP
N4EEB/m	88	32	11,264	MRT	LP
KN4Y/m	77	37	11,100	BAY	LP
KN4Y/m	77	35	10,500	WAK	LP
N4EEB/m	79	33	10,428	DES	LP
N4EEB/m	84	31	10,416	MAD	LP
N4EEB/m	76	35	10,360	PAS	LP
KN4Y/m	73	36	10,080	PUT	LP
N4EEB/m	88	29	9,976	BRE	LP
KN4Y/m	81	30	9,480	LIB	LP
N4PN/m	73	32	9,216	LEO	LP
NO5W/m	74	31	9,052	GUL	LP
KN4Y/m	76	30	8,880	WAL	LP
N4EEB/m	67	32	8,576	CLM	LP
KN4Y/m	68	32	8,448	ALC	LP
NO5W/m	69	31	8,308	WAK	LP
W4ZW/m	77	28	8,176	HAR	LP
N4EEB/m	60	32	7,680	TAY	LP
N4EEB/m	62	30	7,440	SUW	LP
N4EEB/m	60	31	7,316	JEF	LP
KN4Y/m	64	29	7,192	GAD	LP
NO5W/m	60	31	7,192	DIX	LP
NO5W/m	61	31	7,192	LAF	LP
NO5W/m	66	27	7,020	TAY	LP
N4PN/m	63	28	6,944	SUM	LP
N4EEB/m	52	33	6,864	DIX	LP
N4EEB/m	68	26	6,864	PUT	LP
W4ZW/m	63	28	6,608	MTE	LP
N4EEB/m	62	27	6,480	HIG	LP
N4EEB/m	59	27	6,372	UNI	LP
N4PN/m	57	28	6,272	CLM	LP
NO5W/m	54	29	6,264	DUV	LP
KN4Y/m	63	26	6,240	TAY	LP
N4EEB/m	56	27	5,940	HER	LP

N4EEB/m	57	27	5,940	MTE	LP
KN4Y/m	54	26	5,616	HOL	LP
NO5W/m	52	26	5,304	LEV	LP
N4PN/m	54	24	5,088	GAD	LP
N4EEB/m	48	26	4,992	STJ	LP
N4EEB/m	54	23	4,968	BRA	LP
KN4Y/m	52	24	4,704	LAF	LP
W5WMU/m	44	28	4,704	BRO	LP
N4EEB/m	47	24	4,512	STL	LP
N4PN/m	48	24	4,512	OSC	LP
N4EEB/m	49	23	4,324	PAL	LP
W5WMU/m	45	24	4,320	GAD	LP
N4EEB/m	43	26	4,264	BAK	LP
KN4Y/m	49	23	4,232	CAH	LP
NO5W/m	43	25	4,200	WAL	LP
N4EEB/m	42	25	4,100	OKE	LP
NO5W/m	48	21	4,032	GAD	LP
NO5W/m	45	22	3,960	JEF	LP
W4ZW/m	43	23	3,956	HIL	LP
NO5W/m	42	26	3,952	BAK	LP
NO5W/m	48	21	3,948	PUT	LP
NO5W/m	44	22	3,872	STJ	LP
NO5W/m	41	24	3,840	BRA	LP
N4PN/m	44	22	3,784	JEF	LP
KN4Y/m	44	23	3,772	MAD	LP
NO5W/m	45	21	3,696	LEO	LP
KN4Y/m	41	24	3,648	HAM	LP
NO5W/m	41	22	3,520	GIL	LP
W5WMU/m	42	22	3,520	SUW	LP
NO5W/m	38	24	3,456	CAH	LP
NO5W/m	42	21	3,444	ALC	LP
N4EEB/m	39	22	3,432	GIL	LP
W4ZW/m	44	22	3,432	DES	LP
W5WMU/m	36	23	3,312	OKE	LP
N4EEB/m	36	22	3,168	IDR	LP
NO5W/m	36	22	3,168	SUW	LP
NO5W/m	36	22	3,080	SAN	LP
NO5W/m	36	22	3,080	WAG	LP
N4EEB/m	38	21	3,024	POL	LP
N4EEB/m	34	22	2,992	LAK	LP
NO5W/m	32	23	2,944	JAC	LP
KN4Y/m	36	22	2,904	BRA	LP
KN4Y/m	40	19	2,812	JAC	LP
NO5W/m	37	20	2,800	MAD	LP
KN4Y/m	33	21	2,772	GUL	LP
N4EEB/m	33	21	2,772	ORA	LP
N4EEB/m	34	19	2,584	LEV	LP
KN4Y/m	33	20	2,480	DIX	LP
NO5W/m	31	20	2,400	NAS	LP
N4EEB/m	32	19	2,356	VOL	LP
KN4Y/m	32	20	2,320	UNI	LP
KN4Y/m	35	17	2,312	BAK	LP
KN4Y/m	28	21	2,268	CLM	LP
W5WMU/m	34	17	2,244	NAS	LP
W5WMU/m	31	18	2,232	HOL	LP
NO5W/m	30	18	2,160	OKA	LP
W5WMU/m	30	18	2,160	FLG	LP
KN4Y/m	30	18	2,088	WAG	LP
NO5W/m	27	19	2,052	LIB	LP
KN4Y/m	30	17	2,040	CLA	LP
KN4Y/m	30	18	1,944	GIL	LP
NO5W/m	28	18	1,944	HOL	LP
NO5W/m	26	17	1,768	HAM	LP
W5WMU/m	27	16	1,664	HEN	LP
W5WMU/m	24	16	1,536	STL	LP
NO5W/m	23	17	1,428	UNI	LP
W5WMU/m	21	17	1,428	IDR	LP
W5WMU/m	23	16	1,408	LAK	LP

NO5W/m	23	15	1,380	CLM	LP
N4EEB/m	21	16	1,344	CLA	LP
N4EEB/m	22	15	1,320	OSC	LP
N4EEB/m	23	14	1,176	SEM	LP
N4EEB/m	21	13	1,092	HAM	LP
N4EEB/m	18	14	1,008	SUM	LP
N4EEB/m	18	13	936	LEO	LP
N4EEB/m	19	12	912	FLG	LP
NO5W/m	18	12	864	ESC	LP
W4ZW/m	15	13	780	POL	LP
W5WMU/m	10	8	320	STJ	LP
W5WMU/m	10	7	280	VOL	LP
N4EEB/m	7	6	168	LAF	LP
KN4Y/m	3	3	36	SUW	LP

**Mobile Multi Op Single Transmitter Mixed - Individual County Scores**

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	CTY	PWR
W4AN/m	86	36	50	21	25,308	ALC	LP
W4AN/m	134	41	2	2	23,220	MAO	LP
W4AN/m	106	43	1	1	18,744	LAK	LP
W4AN/m	101	35	7	4	16,302	BRA	LP
W4AN/m	97	36	2	2	14,744	VOL	LP
K4KG/m	86	35	3	3	13,148	STL	LP
K4KG/m	88	34	3	3	13,098	LEO	LP
K4OJ/m	87	37	2	2	12,948	CHA	LP
W4AN/m	71	35	5	5	11,760	FRA	LP
K4KG/m	69	37	4	4	11,480	LAF	LP
K4OJ/m	79	34	2	2	11,376	CLR	LP
W4AN/m	84	31	1	1	10,688	STJ	LP
K4OJ/m	80	33	1	1	10,540	HIG	LP
K4KG/m	67	33	3	3	9,864	MAD	LP
K4KG/m	58	31	10	8	9,672	VOL	LP
K4KG/m	61	30	6	6	9,216	PAL	LP
K4KG/m	65	31	4	3	9,044	CLM	LP
K4KG/m	64	29	5	5	9,044	UNI	LP
K4KG/m	66	29	4	4	8,976	TAY	LP
K4OJ/m	66	32	2	2	8,976	LEE	LP
K4KG/m	57	31	6	6	8,880	MTE	LP
K4KG/m	58	31	4	4	8,400	GLA	LP
K4KG/m	50	28	10	10	8,360	HEN	LP
K4OJ/m	67	28	3	3	8,246	LEV	LP
W4AN/m	59	31	3	3	8,228	JAC	LP
K4KG/m	62	29	3	3	8,000	JEF	LP
K4KG/m	53	29	7	7	7,992	ORA	LP
K4OJ/m	63	28	3	3	7,626	PAL	LP
K4OJ/m	58	30	2	2	7,424	SAR	LP
W4AN/m	65	28	2	1	7,424	LIB	LP
K4OJ/m	61	29	1	1	7,260	JEF	LP
K4OJ/m	60	27	3	2	7,134	TAY	LP
W4AN/m	59	28	1	1	6,902	WAK	LP
K4KG/m	58	26	4	3	6,844	HIL	LP
K4OJ/m	58	29	2	1	6,840	DIX	LP
W4AN/m	59	27	1	1	6,664	CLA	LP
W4AN/m	52	30	2	2	6,656	LAF	LP
K4OJ/m	56	27	2	2	6,496	CIT	LP
K4OJ/m	54	29	2	2	6,448	HEN	LP
K9ES/m	51	26	6	5	6,448	BAY	LP
K4KG/m	36	23	15	14	6,438	CHA	LP
K4KG/m	58	26	1	1	6,318	PIN	LP
K4KG/m	47	25	6	6	6,200	OKE	LP
K4KG/m	49	22	7	7	6,090	CIT	LP
K4KG/m	52	25	2	2	5,724	DIX	LP
K9ES/m	57	24	2	2	5,616	FRA	LP
K4OJ/m	51	25	2	2	5,508	HAR	LP
K4KG/m	48	24	3	3	5,346	SUW	LP
K4KG/m	48	20	6	6	5,200	GIL	LP
K4OJ/m	48	24	2	2	5,096	GIL	LP
K4KG/m	37	23	9	8	5,022	DES	LP

K4KG/m	42	24	4	4	4,928	LEE	LP
W4AN/m	44	26	3	1	4,806	WAG	LP
K4KG/m	45	23	4	3	4,784	LEV	LP
K4KG/m	42	24	3	3	4,698	WAK	LP
K4OJ/m	45	25	1	1	4,524	LEO	LP
K4KG/m	43	22	2	2	4,224	PAS	LP
K4OJ/m	45	22	2	2	4,224	LAF	LP
K4KG/m	40	23	2	2	4,100	SEM	LP
K9ES/m	40	22	3	3	4,050	LAK	LP
K4KG/m	36	22	4	3	3,800	NAS	LP
K4KG/m	35	23	3	3	3,796	BRE	LP
K4KG/m	40	21	2	2	3,772	MAO	LP
K4OJ/m	42	21	2	2	3,772	SUM	LP
K4KG/m	37	21	4	3	3,744	SUM	LP
K9ES/m	42	22	1	1	3,634	TAY	LP
K9ES/m	40	20	2	2	3,608	CIT	LP
W4AN/m	32	21	5	3	3,312	CAH	LP
K4KG/m	35	17	4	4	3,108	BAK	LP
W4AN/m	36	20	1	1	3,066	PUT	LP
K4KG/m	32	17	5	4	2,898	ALC	LP
K4KG/m	30	22	2	2	2,784	OSC	LP
K9ES/m	33	18	3	3	2,604	DUV	LP
K4KG/m	26	20	3	3	2,530	IDR	LP
K9ES/m	34	21	0	0	2,352	WAK	LP
W4AN/m	26	17	3	3	2,080	HOL	LP
K9ES/m	27	16	2	2	1,944	LEV	LP
W4AN/m	26	14	4	4	1,944	GIL	LP
K9ES/m	28	16	1	1	1,802	LAF	LP
K4KG/m	24	16	1	1	1,666	BRA	LP
K4OJ/m	21	12	3	3	1,290	LAK	LP
K4KG/m	17	13	3	3	1,184	HER	LP

#### Mobile Multi Op Single Transmitter CW - Individual County Scores

CALL	CW-Q	CW-M	SCORE	CTY	PWR
NN4TO/m	102	40	16,160	CIT	LP
NN4TO/m	94	42	15,792	ORA	LP
K4OJ/m	100	39	14,976	POL	LP
NN4TO/m	85	37	12,580	BRE	LP
NN4TO/m	86	37	12,580	MRT	LP
NN4TO/m	87	34	11,696	LEE	LP
NN4TO/m	79	37	11,692	CHA	LP
NN4TO/m	86	34	11,424	DES	LP
NN4TO/m	80	34	10,744	CLM	LP
NN4TO/m	81	33	10,428	HIL	LP
K4OJ/m	74	34	9,928	DES	LP
NN4TO/m	74	33	9,768	OKE	LP
NN4TO/m	71	34	9,656	STL	LP
NN4TO/m	77	31	9,548	GLA	LP
NN4TO/m	72	32	9,216	HIG	LP
NN4TO/m	73	31	9,052	UNI	LP
K4KG/m	67	32	8,576	STJ	LP
W4AN/m	69	31	8,556	TAY	LP
NN4TO/m	66	30	7,920	SEM	LP
W4AN/m	67	29	7,772	BAK	LP
K4OJ/m	64	31	7,688	OSC	LP
NN4TO/m	61	31	7,564	LEO	LP
NN4TO/m	58	33	7,524	MAD	LP
NN4TO/m	59	31	7,316	OSC	LP
NN4TO/m	58	32	7,296	IDR	LP
W4AN/m	58	30	6,960	ORA	LP
K4OJ/m	61	28	6,832	STJ	LP
NN4TO/m	53	32	6,784	TAY	LP
W4AN/m	54	31	6,696	SEM	LP
K4OJ/m	61	28	6,496	BRO	LP
KC4HW/m	60	29	6,496	JAC	LP
K4OJ/m	62	27	6,480	MAD	LP
NN4TO/m	63	26	6,448	FLG	LP
NN4TO/m	55	28	6,160	LAK	LP

K4OJ/m	55	28	5,936	PIN	LP
NN4TO/m	51	29	5,800	VOL	LP
K4OJ/m	51	30	5,760	GLA	LP
NN4TO/m	58	25	5,600	LEV	LP
NN4TO/m	48	29	5,568	MAO	LP
NN4TO/m	53	26	5,512	SAR	LP
W4AN/m	53	25	5,300	UNI	LP
NN4TO/m	47	28	5,264	LAF	LP
K4KG/m	47	28	5,040	FLG	LP
NN4TO/m	50	25	5,000	CLR	LP
K9ES/m	54	26	4,888	CAH	LP
K4KG/m	47	26	4,784	DUV	LP
NN4TO/m	49	24	4,704	HAM	LP
KC4HW/m	54	23	4,692	GAD	LP
K4OJ/m	46	26	4,576	MTE	LP
W4AN/m	49	23	4,508	CLM	LP
K4OJ/m	45	25	4,500	HIL	LP
K4OJ/m	44	26	4,472	CLA	LP
NN4TO/m	46	24	4,416	BRA	LP
NN4TO/m	48	23	4,416	PUT	LP
K4OJ/m	47	25	4,400	BAK	LP
NN4TO/m	39	28	4,368	JEF	LP
NN4TO/m	48	23	4,324	SUM	LP
K4KG/m	44	25	4,300	HAM	LP
NN4TO/m	46	23	4,232	PAS	LP
NN4TO/m	47	23	4,232	SUW	LP
K4OJ/m	39	27	4,104	NAS	LP
NN4TO/m	44	23	4,048	HEN	LP
K9ES/m	40	27	3,996	WAL	LP
W4AN/m	45	22	3,960	SUW	LP
W4AN/m	44	22	3,872	SUM	LP
K9ES/m	42	22	3,608	SEM	LP
K4OJ/m	37	23	3,404	FLG	LP
NN4TO/m	37	22	3,256	GIL	LP
W4AN/m	38	22	3,256	FLG	LP
NN4TO/m	40	21	3,192	DIX	LP
NN4TO/m	34	23	3,128	POL	LP
K9ES/m	39	21	3,108	GIL	LP
K4OJ/m	38	22	3,080	DUV	LP
NN4TO/m	38	20	3,040	ALC	LP
NN4TO/m	36	21	3,024	HER	LP
NN4TO/m	34	22	2,992	CLA	LP
K9ES/m	41	19	2,964	CLA	LP
K4OJ/m	35	22	2,904	VOL	LP
NN4TO/m	30	24	2,880	DUV	LP
NN4TO/m	34	21	2,856	BAK	LP
NN4TO/m	34	21	2,856	PAL	LP
NN4TO/m	31	22	2,728	STJ	LP
NN4TO/m	34	19	2,584	MTE	LP
K9ES/m	35	23	2,576	GAD	LP
K4OJ/m	32	20	2,560	PAS	LP
W4AN/m	33	19	2,508	HAM	LP
W4AN/m	39	16	2,496	DIX	LP
NN4TO/m	30	20	2,400	WAK	LP
K4KG/m	28	21	2,352	CLA	LP
W4AN/m	32	18	2,304	DUV	LP
KC4HW/m	32	19	2,280	WAK	LP
K9ES/m	33	20	2,240	ORA	LP
W4AN/m	27	20	2,160	BAY	LP
K9ES/m	28	18	1,944	MAD	LP
K4OJ/m	26	19	1,900	SUW	LP
KC4HW/m	29	17	1,768	FRA	LP
K4OJ/m	27	17	1,700	HER	LP
K9ES/m	24	18	1,656	LEO	LP
K4OJ/m	24	17	1,564	CLM	LP
NN4TO/m	23	17	1,564	HAR	LP
K9ES/m	27	15	1,560	FLG	LP
K9ES/m	25	16	1,536	MAO	LP

KC4HW/m	28	14	1,456	LEO	LP
K9ES/m	22	17	1,428	JEF	LP
K4KG/m	23	15	1,380	MRT	LP
K9ES/m	25	14	1,344	ALC	LP
KC4HW/m	24	13	1,248	LIB	LP
KC4HW/m	23	15	1,140	HOL	LP
K4KG/m	19	14	1,064	SAR	LP
W4AN/m	17	15	1,020	JEF	LP
K9ES/m	19	14	1,008	STJ	LP
K9ES/m	22	13	988	SUM	LP
K9ES/m	20	12	960	DIX	LP
K9ES/m	21	15	960	GUL	LP
K9ES/m	18	14	952	BRA	LP
K9ES/m	19	13	936	SUW	LP
K9ES/m	15	12	720	PUT	LP
K9ES/m	19	10	720	UNI	LP
K9ES/m	13	10	520	HAM	LP
K9ES/m	13	8	384	NAS	LP
K9ES/m	13	7	364	CLM	LP
K9ES/m	12	7	336	BAK	LP
K9ES/m	9	8	256	WAG	LP
K9ES/m	7	6	144	JAC	LP
NN4TO/m	3	3	36	NAS	LP

**Mobile Multi Op Multi Transmitter Mixed - Individual County Scores**

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	CTY	PWR
N4KK/m	92	41	6	4	16,740	MAO	LP
N4KK/m	94	35	5	5	14,960	MRT	LP
N4KK/m	73	33	17	14	14,946	SAR	LP
N4KK/m	86	35	8	6	14,596	ALC	LP
N4KK/m	76	34	9	8	13,524	DIX	LP
N4KK/m	90	33	2	2	12,250	PAL	LP
N4KK/m	60	38	11	6	11,352	SUM	LP
N4KK/m	77	30	6	6	11,232	LEV	LP
N4KK/m	72	31	8	6	11,100	GAD	LP
N4KK/m	67	32	5	5	10,138	VOL	LP
N4KK/m	67	31	4	4	9,520	LEO	LP
N4KK/m	65	32	3	3	8,960	STJ	LP
N4KK/m	62	34	2	2	8,784	BAK	LP
N4KK/m	69	26	4	4	8,280	GLA	LP
N4KK/m	58	34	2	2	8,208	DUV	LP
N4KK/m	66	29	2	2	8,184	HIL	LP
N4KK/m	56	28	9	7	8,050	OSC	LP
N4KK/m	56	29	5	5	7,956	OKE	LP
N4KK/m	67	27	2	2	7,888	HIG	LP
N4KK/m	51	34	3	3	7,622	NAS	LP
N4KK/m	54	28	5	5	7,326	CHA	LP
N4KK/m	54	29	3	3	6,976	CLR	LP
N4KK/m	52	29	2	2	6,572	MTE	LP
N4KK/m	50	27	4	4	6,324	LEE	LP
N4KK/m	52	29	1	1	6,300	PAS	LP
N4KK/m	48	27	5	4	6,138	BRE	LP
N4KK/m	41	26	9	8	6,052	DES	LP
N4KK/m	48	23	3	3	4,836	CLA	LP
N4KK/m	38	26	6	5	4,774	SEM	LP
N4KK/m	40	27	1	1	4,536	HAM	LP
N4KK/m	39	25	3	3	4,536	TAY	LP
N4KK/m	38	23	5	15	4,368	HER	LP
N4KK/m	37	21	5	5	4,004	HEN	LP
N4KK/m	38	25	2	2	3,996	CLM	LP
N4KK/m	32	18	10	9	3,672	JEF	LP
N4KK/m	37	23	2	1	3,456	SUW	LP
N4KK/m	33	23	3	2	3,350	STL	LP
N4KK/m	37	21	1	1	3,212	FLG	LP
N4KK/m	34	18	4	4	2,948	MAD	LP
N4KK/m	32	19	2	2	2,730	LAF	LP
N4KK/m	30	15	4	2	2,176	IDR	LP
N4KK/m	31	16	1	1	2,074	ORA	LP

N4KK/m 18 14 3 3 1,258 GIL LP

**Mobile Multi Op Multi Transmitter CW - Individual County Scores**

CALL	CW-Q	CW-M	SCORE	CTY	PWR
N4KK/m	84	35	10,920	LIB	LP
N4KK/m	68	30	8,160	CAH	LP
N4KK/m	57	26	5,616	JAC	LP

**USA Results**

**Single Op Mixed**

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	QTH	PWR	CLUB
W8MJ	510	67	390	66	370,006	MI	LP	MRRC
K3TW	278	67	130	47	231,876	MD	QRP	PVRC
WA3HAE	329	67	175	50	194,688	PA	LP	Weekend Warriors
K0RC	437	67	79	33	189,800	MN	LP	MWA
K5WAF	357	67	45	31	145,824	TX	LP	Texas DX Society
N8NA	323	67	33	20	116,058	DE	LP	FRC
N9FC	245	67	36	19	86,344	IN	LP	
NA4K	199	63	42	28	78,806	TN	LP	TCG
KS8O	202	63	42	27	77,040	MI	LP	Menominee River RC
W1JQ	181	64	58	29	76,818	CT	LP	YCCC
NT2A	240	66	20	14	75,520	NY	LP	YCCC
N8SS	187	59	39	22	66,582	MI	LP	MRRC
K6LA	290	67	80	33	65,100	CA	HP	SCCC
K0JPL	270	66	103	33	62,865	MO	HP	
W9OA	177	64	39	20	62,832	IL	LP	Metro DXC
KO7X	286	67	61	29	60,000	WY	HP	GMCC
W8TM	141	49	23	17	59,994	OH	QRP	MRRC
K0TI	209	53	18	14	56,548	MN	LP	MWA
W9IL	229	63	88	31	50,666	IL	HP	
W7RN	257	67	42	25	50,324	NV	HP	NCCC
K1ZZI	192	61	74	46	48,471	GA	HP	SECC
W1DWA	196	66	108	38	46,488	MA	HP	
N0LY	117	47	11	9	40,824	MO	QRP	
N8OC	116	58	29	19	39,886	MI	LP	
K7IA	118	53	31	22	39,750	NM	LP	
NN3W	124	53	31	20	39,420	VA	LP	PVRC
W4NZ	196	61	37	28	38,181	TN	HP	TCG
W2TB	206	65	36	21	37,840	NY	HP	WNYDXA
N8II	60	39	113	41	36,640	WV	LP	PVRC
K0MPH	113	50	33	18	33,728	MN	LP	MWA
K8MM	177	64	31	18	31,406	MI	HP	MRRC
KB3LIX	106	48	41	17	31,330	PA	LP	
W9WI	103	43	34	18	29,280	TN	LP	TCG
WA6KHK	156	63	27	17	27,120	CA	HP	
K1BV	105	40	25	18	26,564	CT	LP	YCCC
W3HDH	144	58	37	18	24,548	IL	HP	SOMC
N5YE	87	37	47	22	23,954	LA	LP	
K7BG	95	47	17	12	23,718	MT	LP	Northern Rockies DX
W4NBS	89	44	19	15	23,246	AL	LP	ACG
W4RQ	149	55	20	11	20,460	VA	HP	PVRC
NG7Z	80	47	15	13	20,280	WA	LP	WWDXC
K8ZZV	72	40	31	18	19,836	WI	LP	
K2DSL	60	36	50	22	19,720	NJ	LP	Bergen ARA
K8MR	84	39	18	13	19,344	OH	LP	MRRC
N4UC	86	37	21	11	18,432	AL	LP	ACG
K3GY	87	43	24	16	17,936	PA	LP	RAE
WA0MHJ	104	56	31	19	17,925	MN	HP	MWA
W2LE	142	59	1	1	17,100	NJ	HP	FRC
W2UDT	120	47	30	18	15,600	NJ	HP	
W0VX	64	34	23	16	14,800	TX	LP	
KB9YGD	58	32	35	18	14,400	IN	LP	
W5QLF	61	35	23	15	13,500	TX	LP	
KU4WD	51	23	55	19	12,936	TN	LP	
W4BK	58	31	15	13	11,528	TN	LP	TCG

N2ZN	52	32	18	13	10,980	NY	LP	Rochester DXA
ND4X	45	24	34	15	8,814	KY	LP	TCG
W1EBI	85	45	4	3	8,256	MA	HP	YCCC
ND3R	36	25	16	13	6,460	PA	LP	
N3KN	38	23	16	12	6,300	VA	LP	
W1WIU	35	22	57	32	6,102	RI	HP	
N2CQ	41	29	6	6	5,950	NJ	LP	
NV9X	36	21	23	17	5,624	IL	LP	
WA7ID	40	28	7	6	5,372	ID	LP	
K5YAA	40	31	4	4	5,250	OK	LP	
WA4ZXV	27	18	24	16	5,100	GA	LP	
WR9Y	30	19	19	12	4,898	WI	LP	
N2SQW	35	23	38	20	4,558	NY	HP	Hudson Valley
K4YMQ	39	30	25	17	4,465	AL	HP	MODXCC
K4OD	37	22	7	7	4,408	GA	LP	
AA0A	23	16	68	26	4,284	MO	HP	
K0SBV	26	19	18	15	4,216	AZ	LP	
K3MD	36	25	15	10	2,975	PA	HP	
KJ6RA	30	22	23	14	2,880	CA	HP	NCCC
N1NN	31	18	4	3	2,772	MA	LP	
K4DZR	36	20	13	11	2,449	TN	HP	TCG
K0IE	16	11	22	12	2,346	SD	LP	Pierre ARC
W0RO	8	7	31	18	1,800	CO	LP	
W0BH/m	11	10	13	13	1,610	NE	LP	
K4XD	32	21	3	3	1,608	NC	HP	PVRC
N2WN	17	16	3	3	1,406	TN	LP	TCG
AB4GG	18	12	5	5	1,326	TN	LP	TCG
NN7ZZ (N5LZ)	18	16	13	10	1,274	UT	HP	Utah DX Assn
N1WQ	18	13	2	2	1,140	MN	LP	
AA5JG	17	12	3	3	1,110	OK	LP	OKDXA
WA2EAJ	9	8	9	7	810	PA	LP	
NE9O/m	3	3	22	15	792	IN	LP	
KA0P	7	5	6	4	306	MO	LP	
KG6ZHC	8	8	1	1	153	CA	HP	
WC4V	6	6	5	5	143	KY	HP	
NS8O	1	1	9	7	128	OH	LP	ACARA
N9HDE	4	4	1	1	90	IA	LP	

### Single Op CW

CALL	CW-Q	CW-M	SCORE	QTH	PWR	CLUB
N5WR	557	67	149,008	OK	LP	OKDXA
W9RE	484	67	127,300	IN	LP	SOMC
K8IR	375	67	99,160	MI	LP	
K9LJN	347	66	90,552	IL	LP	
WB8JUI	334	67	89,244	OH	LP	MRRC
W5TM	296	65	75,140	OK	LP	OKDXA
NU8Z	272	67	71,288	MI	LP	MRRC
W2LHL	240	66	61,776	NJ	LP	
N6MU	192	66	50,160	CA	LP	
K5NZ	205	60	48,720	TX	LP	CTDXCC
K4LTA	140	53	41,658	TN	QRP	TCG
WF3M	176	58	40,368	PA	LP	
K3ONW	316	66	39,996	PA	HP	
N5PO	308	67	39,664	TX	HP	Parker County Posse
KK5NA	120	55	37,290	TX	QRP	
K0PC	279	67	37,252	MN	HP	MWA
K4BSK	150	59	35,400	NC	LP	
N3UA	143	57	31,692	VA	LP	PVRC
W4CWA	127	57	28,500	NC	LP	
W1UJ	222	63	27,594	MA	HP	YCCC
W9WE	138	53	27,560	IL	LP	WIARC
K1IB	215	65	26,780	VT	HP	YCCC
K0IO	221	63	26,586	IA	HP	Newton ARA
W7GVE	127	56	26,432	AZ	LP	
W4UCZ	126	52	26,208	GA	LP	SECC
K9EN	205	67	25,862	WI	HP	
K1TN	112	54	23,544	NJ	LP	
K7QQ	201	60	23,520	WA	HP	WWDXC



W6UB	114	49	21,560	TN	LP	TCG
W8IDM	101	53	21,412	OH	LP	West Park Radiops
K4XU	172	62	21,080	OR	HP	
K3TX	109	54	19,872	PA	LP	
K1GQ	100	48	19,008	NH	LP	YCCC
W2RR	97	50	18,800	NY	LP	WNYDXA
W3DYA	96	51	18,768	TX	LP	
W1END	98	48	18,624	NH	LP	YCCC
W6UM	160	57	17,670	CA	HP	SCCC
W6KC	148	60	17,520	CA	HP	
K2SX	97	46	17,296	SC	LP	SECC
W4KRN	94	46	17,112	VA	LP	
K5KA	69	57	15,504	OK	LP	OKDXA
WA4SM	66	43	15,480	TN	QRP	TCG
KN5H	133	58	15,312	AZ	HP	CADXA
K4ORD	94	40	15,040	VA	LP	
KZ8E	86	45	14,760	WV	LP	
W8UI	90	44	13,728	WV	LP	
K1SE	58	58	13,456	VA	LP	PVRC
W2CVW	59	58	13,224	NJ	LP	
K8DD	77	41	12,464	MI	LP	MRRC
W3CP	78	42	12,264	OR	LP	WVDXC
W1QK	79	37	11,544	CT	LP	YCCC
W0CGR	124	52	11,336	CO	HP	
K0GEO	78	36	11,232	TX	LP	
K0AD	66	45	11,160	MN	LP	MWA
K0LWV	72	42	11,088	MO	LP	
W0PQ	54	34	10,812	NE	QRP	
N4AAI	107	43	9,030	TN	HP	TCG
N3TG	60	38	8,664	VA	LP	Sterling Park ARC
ND9E	96	45	8,640	IL	HP	SOMC
K4HAL	97	44	8,536	AL	HP	ACG
KS4S	56	34	7,480	NC	LP	
K1GU	53	29	6,148	TN	LP	TCG
W0ETT	45	33	5,940	CO	LP	GMCC
K1EP	52	29	5,800	MA	LP	YCCC
WB5BKL	39	25	5,400	TX	QRP	CTDXCC
AE4O	41	22	5,148	GA	QRP	
W3VPR	39	26	3,848	MD	LP	AARC Jr - KI3DS
W4ZPR	39	26	3,848	VA	LP	USS Wisconsin RC
NA6M	43	23	3,496	TX	LP	
KL9A/W7	33	25	3,300	ID	LP	
W8UMP	34	25	3,300	MI	LP	
K6RB	49	34	3,264	CA	HP	NCCC
K2ZC	30	18	3,240	NJ	QRP	Bergen ARA
NI0R	36	23	3,128	MO	LP	
K2DB	32	24	2,976	NY	LP	Rochester DXA
W4BAB	28	17	2,550	GA	QRP	
K6WSC	28	21	2,352	CA	LP	
AC4PQ	30	22	2,288	GA	LP	
AA9KH	31	17	2,108	IL	LP	Tri-Town RAC
N3NZ	30	18	1,944	PA	LP	
KJ4WD	26	18	1,872	NC	LP	
KB9ZBN	36	26	1,716	IL	HP	
N4DW	23	18	1,656	TN	LP	TCG
W4BQF	34	24	1,584	GA	HP	SECC
NO2D	21	18	1,296	CO	LP	
N0IBT	19	15	1,140	CO	LP	
WA1Z	15	14	840	NH	LP	YCCC
KA6NGR	15	14	840	CA	LP	
W6GMT	13	12	792	MN	QRP	
K6DGW	23	17	782	CA	HP	NCCC
K6VVA	21	18	756	CA	HP	NCCC
N1LU	15	11	616	NH	LP	
WI9WI	19	16	608	WI	HP	SOMC
WV7W	13	11	572	WV	LP	
K1KI/m	11	11	484	MA	LP	YCCC
K7TV	10	10	400	AZ	LP	Marca

KX4O 5 4 48 VA LP Fauquier ARA

**Single Op SSB**

<b>CALL</b>	<b>SSB-Q</b>	<b>SSB-M</b>	<b>SCORE</b>	<b>QTH</b>	<b>PWR</b>	<b>CLUB</b>
KK4TA	163	48	15,360	TN	LP	
KS4X	83	33	8,118	TN	QRP	TCG
WA5ZUP	118	40	4,560	NM	HP	
W9QL	73	34	4,556	IL	LP	
K5WMH	77	30	4,380	NM	LP	
W1KDA	72	28	3,976	RI	LP	
KT0DX	60	31	3,658	CO	LP	GMCC
N0EQ	45	27	3,645	AZ	QRP	
AB1EP	92	40	3,520	ME	HP	
N7UR	60	27	3,132	NV	LP	Frontier ARS
W5JNP	62	26	2,964	TX	LP	
KI4ITV	58	26	2,912	VA	LP	
K4CX	50	22	2,200	TN	LP	
N8WAV	43	25	2,150	MI	LP	
N1OXA	39	24	1,776	ME	LP	
KN4JX	43	22	1,716	MO	LP	MODXCC
W7KAM	41	21	1,680	AZ	LP	
KE5FR	37	19	1,368	TX	LP	
W4AWF	33	21	1,344	GA	LP	
W2UJ	56	24	1,320	NY	HP	
W4JHU	32	18	1,152	VA	LP	Loudoun ARG
W6GBG	31	20	1,120	AL	LP	ACG
NW7O	35	18	1,116	MT	LP	
AB2TC	29	17	952	NY	LP	
K9JIG	44	22	924	WI	HP	
N4MM	25	18	864	VA	LP	
W4GFY	29	14	812	TN	LP	
K9BTQ	25	16	768	WI	LP	
N1WRK	19	17	646	MA	LP	
KD8GRG	21	16	576	MI	LP	Blossomland ARA
AE5MM	20	13	520	OK	LP	
KG6YPH	17	14	476	CA	LP	NCCC
WD8RTH	19	12	432	MI	LP	
K7DNH	18	14	420	WA	LP	
KA3OUT	17	13	416	MD	LP	
KD4ERU	14	11	308	VA	LP	
KD8JAM	14	10	260	MI	LP	
WC2Z	20	13	247	TN	HP	Short Mtn Repeater Club
N5LUL	12	10	240	TX	LP	
NC4MI	11	10	220	NC	LP	
N5HMH	15	8	208	LA	LP	
AD7MQ	11	9	198	MT	LP	
K6NUG	12	9	198	CA	LP	
W8TEK	10	9	180	MI	LP	
AJ4JD	11	8	176	TN	LP	
AK4NC	10	9	162	NC	LP	
KB5DRJ	9	9	162	TX	LP	
KE7GRL	9	8	144	AZ	LP	
K7RFW	7	6	84	UT	LP	
KB2LUV	7	6	84	NY	LP	
W9KVR	8	6	72	IL	LP	
WQ7A	7	4	56	WA	LP	
K6PFA	5	5	50	MD	LP	
KD2MU	5	5	50	NY	LP	
AC0IV	4	4	32	CO	LP	
KC9KIO	4	4	32	WI	LP	
KE7NVA	4	4	32	OR	LP	
NB4F	4	4	32	GA	LP	
N0ICV	4	4	24	IL	LP	
WB4QNG	3	3	18	KY	LP	
W3CAT	1	1	3	MD	QRP	
KI6MYE	1	1	2	CA	LP	

**Multi Op Single Transmitter Mixed**

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	QTH	PWR	OPS	CLUB
NO4Q	277	64	70	34	115,640	TN	LP		Dickson Signal Corps
(AF4YL K4GWG NN5A NY4N)									
N2BJ	164	58	299	55	69,269	IL	HP	(+K2PAC spots)	SOMC
NS9I	312	66	53	31	64,214	WI	HP	(+spots)	
W3AG	171	63	33	17	59,040	PA	LP	(+spots)	MRRC
K3WW	283	67	50	28	57,570	PA	HP	(+spots)	FRC
ND4V	88	48	24	14	23,932	GA	LP	(+spots)	SEDXC
AA0AW	69	39	18	13	15,808	MN	LP	(+N0TCR N0UOZ)	MWA
K8KHZ	38	33	47	30	13,986	MI	LP	(+spots)	SMC
NG3K	70	35	8	7	12,432	MD	LP	(+spots)	
AE1T	96	46	15	11	11,571	NH	HP	(+spots)	YCCC
K4IU	72	37	31	20	9,804	MN	HP	(+spots)	MWA
NJ1F	66	35	8	6	5,494	NY	HP	(+spots)	YCCC
W4MJA	24	21	18	17	4,864	GA	LP	(+spots)	
K5WW	25	22	17	12	4,556	TX	LP	(+spots)	

**Multi Op Single Transmitter CW**

CALL	CW-Q	CW-M	SCORE	QTH	PWR	OPS	CLUB
WA7JHQ	212	66	54,912	NM	LP	(+spots)	
N9CK	364	67	48,508	WI	HP	(+spots)	SOMC
N4CD	153	66	33,792	TX	LP	(+spots)	
N5ZK	208	67	27,738	TX	HP	(+spots)	CTDXCC
KG4W	130	49	12,642	VA	HP	(+spots)	
WE4S	50	30	8,460	GA	QRP	(+spots)	
K8QKY	56	34	6,800	MI	LP	(+spots)	MRRC
KB1NRB	36	25	2,600	CT	LP	(+spots)	YCCC
KM9M	25	19	1,824	IL	LP	(+spots)	SOMC
N2NS	10	8	160	CA	HP	(+spots)	NCCC

**School Club**

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	QTH	PWR	CLUB
K0HC (W0BH)	60	34	59	32	23,232	KS	LP	Hesston College ARC

**Canada Results****Single Op Mixed**

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	PWR	CLUB
VA3DX	426	67	229	61	272,128	LP	CCO
VE3KZ	416	67	107	37	190,528	LP	CCO
VA3DF	274	66	75	36	188,190	QRP	CCO
VE3JM	224	66	71	33	99,198	LP	CCO
VE4EAR	208	63	58	26	82,592	LP	
XM3CX	133	52	43	22	44,548	LP	CCO
VE3XD	67	40	88	41	35,640	LP	CCO
VE3TW	82	47	45	26	29,930	LP	CCO
XM2AWR	69	33	18	9	12,936	LP	
VE3RZ	62	43	20	15	8,352	HP	CCO
VA3NR	43	27	9	8	6,650	LP	CCO
VA1MM	41	29	19	11	4,040	HP	Maritime Contest Club
VE3JI	18	16	13	8	1,872	LP	CCO
VA3GML	4	4	28	18	1,584	LP	
VA3WR	11	9	12	11	1,280	LP	CCO
VE3VZ	0	0	30	19	950	LP	CCO
VA3OR	4	4	7	7	330	LP	

**Single Op CW**

CALL	CW-Q	CW-M	SCORE	PWR	CLUB
VE3UTT	503	67	133,464	LP	CCO
VE3DZ	371	67	98,624	LP	CCO
VE3GSI	259	65	67,080	LP	
VE1RGB	232	66	59,928	LP	Maritime Contest Club
VE3ZT	224	65	53,040	LP	CCO
VE3OM	150	65	37,960	LP	CCO
VA7RN	111	59	25,960	LP	The BC DX Club

VA3RJ	95	50	18,800	LP	CCO
VE1DT	100	47	18,800	LP	Maritime Contest Club
VE3EY	91	48	17,472	LP	CCO
VE3OBU	90	44	15,664	LP	CCO
VE3FJ	65	36	9,360	LP	CCO
VE2EZD	29	17	1,904	LP	Contest Group du Quebec
VE2FK	35	23	1,610	HP	Contest Group du Quebec
VE3HUR	15	12	1,080	QRP	
VA3HUN	15	12	720	LP	

#### Single Op SSB

CALL	SSB-Q	SSB-M	SCORE	PWR	CLUB
VA3OX	150	45	12,510	LP	
VE9CEH	107	38	7,828	LP	Maritime Contest Club
VA3WPV	43	23	2,967	QRP	
VE3NB	56	25	2,700	LP	CCO
VE3TU	43	22	1,760	LP	CCO
VE3RHD	26	18	936	LP	
VE3MCF	26	16	832	LP	
VE7FCO	20	13	520	LP	Nanaimo ARA
VE3BK	18	11	330	LP	CCO
VE3LLL	19	13	221	HP	
VE3AJ	9	8	128	LP	CCO
VA3NOE	2	2	8	LP	CCO

#### Multi Op Single Transmitter SSB

CALL	SSB-Q	SSB-M	SCORE	PWR	CLUB
VE1BVD (+spots)	37	19	1,406	LP	Maritime Contest Club
VE3PMT (+spots)	7	6	84	LP	KWARC

### DX Results

#### Single Op Mixed

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	PWR	CLUB
HK3Q	111	54	23	13	15,946	HP	
IK2CFD	76	36	7	6	13,020	LP	
9A2EU	27	21	10	10	3,968	LP	Croatian Contest Club
KH7XS	21	19	5	4	920	HP	Big Island Contest Club
LY2ZZ	9	8	4	4	264	HP	

#### Single Op CW

CALL	CW-Q	CW-M	SCORE	PWR	CLUB
DL3DXX	345	67	45,828	HP	
CT1ILT	345	66	45,408	HP	WWYC
G4BUE	341	67	43,818	HP	Sussex Floridians
CU2JT	245	67	32,026	HP	
DL4FN	100	45	17,460	LP	
PA3AAV	92	46	8,280	HP	Beemster Contest Club
HA5LZ	41	22	3,608	LP	
LW3EX	36	19	2,736	LP	
F5IN	46	30	2,700	HP	
LY1CX	31	26	1,560	HP	
UA3VVB	14	12	672	LP	
PA6OI (PG2AA)	11	9	396	LP	Amsterdam DX Club
LZ2UW	16	14	364	HP	Balkan Contest Club
YO8DOH	10	9	360	LP	
UT5UIA	11	10	180	HP	
VK4TT	6	5	100	LP	
IZ5GRS	3	2	24	LP	

#### Single Op SSB

CALL	SSB-Q	SSB-M	SCORE	PWR	CLUB
HI3CCP	344	56	35,952	LP	Loma Del Toro Contest Group
WP3GW	17	12	384	LP	

**Multi Op Single Transmitter Mixed**

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	PWR	CLUB
I4VEQ (+spots)	109	50	16	13	14,112	HP	Croatian Contest Club
F1JKJ (+spots)	81	48	15	13	10,614	HP	
9A7T (+spots)	51	34	20	15	5,880	HP	
SM5DJZ (+spots)	42	30	10	10	3,640	HP	

**Check Logs (thanks!)**

AC4PQ	N5WR
AD8J	N9LF
CU2JT	PA3ARM
K0AD	SM3DXC
K2EUH	SQ5M
K2SX	VE3DZ
K4MF	W4CWA
K4XU	W4PB
KD4MZU	W4ZW
KE1F	W4ZW/m
KT4Q	W6KC
N3UA	WB8JUI
N4CD	WI0WA

**Club Competition Results**

FLORIDA CLUB	SCORE	ENTRANTS
Florida Contest Group (FCG) – SPONSOR	11,862,749	62
Sportman's Paradise ARC	350,976	1
Platinum Coast ARS	314,452	1
Indian River ARC	163,984	2
Atlantic High School ARC	156,512	1
Florida East Coast DX Club	59,373	1
ARASWF	2,320	1
PARC	112	1

USA CLUB	SCORE	ENTRANTS	QTH
South East Contest Club (SECC)	1,136,244	6	GA/FL/SC
Mad River Radio Club (MRRRC)	949,004	11	MI/OH/PA/FL
Central Texas DX and Contest Club (CTDXCC)	483,266	4	TX/FL
Potomac Valley Radio Club (PVRC)	375,152	7	VA/MD/WV/NC
Minnesota Wireless Assn	372,025	8	MN
Louisiana Contest Club	359,970	1	(FL)
Yankee Clipper Contest Club (YCCC)	317,497	15	CT/MA/NH/NY/VT
Society of Midwest Contesters (SOMC)	294,683	8	IL/WI/IN/MI
Tennessee Contest Group (TCG)	275,440	15	TN/KY
Oklahoma DX Association	240,762	4	OK
Alabama Contest Group (ACG)	196,006	6	AL/FL
Weekend Warriors	194,688	1	PA
Frankford Radio Club (FRC)	190,728	3	DE/PA/NJ
Texas DX Society	145,824	1	TX
Dickson Signal Corps	115,640	1	TN
Western NY DX Assoc. (WNYDXA)	92,064	3	NY/FL
Southern California Contest Club (SCCC)	82,770	2	CA
Menominee River Radio Club	77,040	1	MI
Grand Mesa Contesters of Colorado (GMCC)	65,940	2	WY/CO
Metro DX Club	62,832	1	IL
Northern California Contest Club (NCCC)	58,642	7	CA/NV
Western Washington DX Club (WWDXC)	43,800	2	WA
Parker County Posse	39,664	1	TX
WIARC	27,560	1	IL
Newton ARA	26,586	1	IA
SEDXC	23,932	1	GA
Northern Rockies DX	23,718	1	MT
Hesston College ARC	23,232	1	KS
Bergen ARA	22,960	2	NJ
West Park Radiops	21,412	1	OH

RAE	17,936	1	PA
CADXA	15,312	1	AZ
Rochester DX Association	13,956	2	NY
Willamette Valley DX Club (WVDXC)	12,264	1	OR
Sterling Park ARC	8,664	1	VA
Missouri DX/Contest Club	6,181	2	MO/AL
Hudson Valley Contesters and Dxers	4,558	1	NY
AARC Jr – KI3DS	3,848	1	MD
USS Wisconsin Radio Club	3,848	1	VA
Frontier ARS	3,132	1	NV
Pierre ARC	2,346	1	SD
Tri-Town Radio Amateur Club	2,108	1	IL
Utah DX Assn	1,274	1	UT
Loudoun ARG	1,152	1	VA
Blossomland ARA	576	1	MI
Marca	400	1	AZ
Short Mtn Repeater Club	247	1	TN
ACARA	128	1	OH
Fauquier ARA	48	1	VA

<b>CANADIAN CLUB</b>	<b>SCORE</b>	<b>ENTRANTS</b>
Contest Club Ontario (CCO)	1,268,576	25
Maritime Contest Club (VE1/9)	92,002	5
The BC DX Club	25,960	1
Contest Group du Quebec	3,514	2
Nanaimo ARA (VE7)	520	1
KWARC (VE3)	84	1

<b>DX CLUB</b>	<b>SCORE</b>	<b>ENTRANTS</b>
World Wide Young Contesters	45,408	1
Sussex Floridians (G)	43,818	1
Loma Del Toro Contest Group (HI3)	35,952	1
Croatian Contest Club (9A)	9,848	2
Beemster Contest Club (PA3)	8,280	1
Big Island Contest Club (KH6)	920	1
Amsterdam DX Club (PA3)	396	1
Balkan Contest Club (LZ)	364	1

## FQP Statistics

### Top QSOS/Mults by Band/Mode

#### Non Florida

<b>40 CW</b>		<b>20 CW</b>		<b>15 CW</b>		<b>10 CW</b>		<b>CW QSOS</b>	
W9RE	177	N5WR	401	LW3EX	14	LW3EX	5	N5WR	557
NO4Q	165	VE3UTT	384	N5WR	7	W9RE	1	W8MJ	510
K1ZZI	156	W8MJ	374	K5NZ	7			VE3UTT	503
N5WR	149	K0RC	351	NA6M	5			W9RE	484
W4NZ	146	DL3DXX	345	K0GEO	4			K0RC	437

<b>40 SSB</b>		<b>20 SSB</b>		<b>15 SSB</b>		<b>10 SSB</b>		<b>SSB QSOS</b>	
KK4TA	134	W8MJ	370	NONE!		NONE		W8MJ	390
K1ZZI	74	HI3CCP	305					HI3CCP	344
VA3DX	63	N2BJ	294					N2BJ	299
KS4X	49	VA3DX	166					VA3DX	229
NO4Q	45	WA3HAE	160					WA3HAE	175

<b>CW COUNTIES</b>		<b>SSB COUNTIES</b>		<b>TOT COUNTIES</b>		<b>TOTAL QSOS</b>	
28 SWEEPS	67	W8MJ	66	W8MJ	133	W8MJ	900
		VA3DX	61	VA3DX	128	VA3DX	655
		HI3CCP	56	WA3HAE	117	N5WR	557
		N2BJ	55	K3TW	114	VE3KZ	523
		WA3HAE	50	N2BJ	113	K0RC	516

### Florida Fixed Stations

<b>40 CW</b>		<b>20 CW</b>		<b>15 CW</b>		<b>10 CW</b>		<b>CW QSOS</b>	
N4BP	377	N4BP	698	K2EK	26	W4MRJ	2	N4BP	1076
N4TB	367	N4TB	692	WD4AHZ	19	WK2G	2	N4TB	1059
AD8J	299	K2EK	510	NO4S	12	K2EK	1	K2EK	792
K4PBC	297	NO4S	459	W4MRJ	12	K4MF	1	NO4S	746
N4IG	283	N4IG	429	NA4CW	10	K4PBC	1	N4IG	719
				WK2G	10	WD4AHZ	1		

<b>40 SSB</b>		<b>20 SSB</b>		<b>15 SSB</b>		<b>10 SSB</b>		<b>SSB QSOS</b>	
W4LT	411	WD4IXD	1631	K5RQ	10	K5RQ	4	WD4IXD	1713
N4DMD	252	K5RQ	1511	W4LT	5	W4LT	4	N4DMD	1642
N2WB	245	N4DMD	1390	WD4AHZ	2	KD4YXB	1	K5RQ	1593
N4WZ	235	W4UH	1348	KD4YXB	1	WD4AHZ	1	W4UH	1537
W4UH	189	KT4Q	1119					N2WB	1339

<b>CW MULTS</b>		<b>SSB MULTS</b>		<b>TOT MULTS - FL</b>		<b>TOT QSOS - FL</b>	
N4TB	88	K5RQ	114	NO4S	164	WD4IXD	1713
NO4S	88	W4UH	104	KT4PD	150	N4DMD	1642
N4BP	87	N2WB	90	W4SO	139	K5RQ	1593
KT4PD	83	N4DMD	85	W4MRJ	136	W4UH	1537
K2EK	80	WD4IXD	82	K4PV	131	NO4S	1413

### Overall Logs Received:

	<b>HIGH</b>	<b>LOW</b>	<b>QRP</b>	<b>TOT</b>
CW	38	270	14	322
MIX	39	148	5	192
SSB	16	133	4	153
M/S	19	226	1	246
M/M	-	46	-	46
School	-	2	-	2
Check logs				26
<b>TOTALS</b>	<b>112</b>	<b>825</b>	<b>24</b>	<b>987</b>

Previous Years: 2008-826    2007-778    2006-755    2005-589    2004-706    2003-662    2002-450    2001-403    2000-294  
 1999-215    1998-229

	<b>2009</b>	<b>2008</b>	<b>2007</b>	<b>2006</b>	<b>2005</b>	<b>2004</b>	<b>2003</b>
FL Mobiles	514	398	428	418	231	356	324
FL Fixed	105	90	92	98	81	110	96
USA	287	280	197	189	217	187	189
VE	48	37	37	31	31	25	20
DX	33	21	24	19	29	28	33
<b>TOTAL</b>	<b>987</b>	<b>826</b>	<b>778</b>	<b>755</b>	<b>589</b>	<b>706</b>	<b>662</b>