

# 2011 Florida QSO Party Results

Mother Nature dealt us an unwelcome hand for the 2011 FQP weekend, resulting in an ionosphere that caused the worst FQP conditions in its 14 years. Log counts, total QSOs and county sweeps were all down from 2010 as a result. See sidebar to see just how dramatically conditions turned for the worst on April 30 – May 1. Jeff, N4WZ encapsulated it well in his soapbox comment: “Very poor band conditions, but it was fun, anyway!”



**Plecia nearctica, aka “The Lovebug”, is an unwelcome FQP tradition**

Since the 2011 FQP, participants Jon, W4ZW, Scott, N9AG and Gary, W5ZL became Silent Keys. Jon supported the FQP every year with an increasing frequency of mobile efforts, while Scott and Gary scored higher than they ever had in the 2011 event. All three were well known far beyond the FQP, with ham radio resumes that included numerous overseas adventures and many years of on-the-air enthusiasm. Our condolences to their families and friends. RIP.

On an up note, DX participation reached unprecedented levels. Thanks to Tom, K3TW for sponsoring a plaque for the Top SP Score. No less than 10 SPs turned in logs and 27 different valid SP callsigns were found in Floridian logs. Tom is expanding his generous donations of plaques for Polish operators in 2012, while Chris, NX4N is sponsoring a new plaque for the top score in Latin

America. So 2012 should find an even richer DX field!

The upcoming 2012 FQP marks the 15th running under Florida Contest Group sponsorship and we are celebrating by activating 15 1x1 calls whose suffixes spell out “FLORIDA QSO PARTY”.

But I’m getting ahead of myself -- thanks to all who supported the 2011 FQP and here’s how 2011 fared...

## OUT OF STATE RESULTS

### Out of State Mixed Mode

For the first time since 2003, the winner is \*not\* W8MJ! Reclaiming the top spot for the third time in his long FQP career is Keith, WA3HAE. Keith won the inaugural FQP in 1998, and again the following year. In addition to winning by a comfortable 40% margin in 2011, Keith also accomplished the rare feat of the double county sweep, working all 67 Florida Counties on both CW and SSB. Keith has accomplished this once before and acknowledges that passing some stations up to SSB from CW is the key to logging some of the rarer counties. Keith is in a very good spot for good propagation into Florida on the money bands – 20 and 40 Meters. It is not brute force via a huge station that propels Keith to victory; rather it is his patience and persistence. There are no holes longer than 14 minutes in Keith’s log. Rather than interleaving QSOs as W8MJ does, Keith’s traditional one radio method includes lots of short bursts on each mode. Congratulations, Keith, and welcome back to the winner’s circle!

With perennial QRP victor K3TW now in Florida, Dick, K9OM operated from his IL QTH and took the top QRP spot while finishing 2<sup>nd</sup> in the Mixed category. Dick’s solid effort included a CW sweep, one of only two QRP sweeps this year.

The next 3 spots outside Florida all

went to Canadian entrants. Glenn, VA3DX once again led the pack with a very solid effort, although, like most category winners, conditions would not allow his score to approach his 2010 record. Glenn missed MONroe for the sweep. MON should be more active in 2012.

Moving up from 7th to 4th was Doug, VA3DF whose QRP effort overcame the poor propagation. His impressive string of Mixed county sweeps continued, although he wasn’t able to find normally easy Clay County for the CW sweep.

Another of the only four VEs to complete the county sweep was 5th place finisher Tony, VE3RZ. Tony made over 90% of his QSOs on CW.

Ascending to 6th was the top High Power entry from Chas, K3WW. Chas managed to bump up his own HP record by a hair! With 385 CW QSOs, Chas was only 4 below overall winner WA3HAE. Chas also hit the SSB side pretty hard, logging 169 valid QSOs in 56 counties. Chas also found the County Sweep the quickest of anyone on both CW and Mixed, beating out last year’s all-time quickest sweeper, VE3KZ. Chas and most of the world spent their Sunday stalking team K4OJ as they hit those rare Panhandle counties.

Larry, K7SV put in another solid Top Ten effort from VA, finishing in 7th. He again had the highest 40M totals of anyone in the Top Ten, about half of his QSOs. Larry is right on the line of the 20M skip zone from FL.

Making his first appearance in the FQP Top Ten at #8 was Gary, W5ZL who unfortunately became a SK in early 2012 after falling ill just after the 2011 FQP. His friends in the Central Texas DX and Contest Club produced a thorough and nicely done tribute page to Gary at <http://www.ctdxc.org/sk/w5zl/>

Also cracking the Top Ten for the first time was Bob, KA9JAC, edging out fellow Wisconsite Jim, WI9WI by

about 2%. Bob stuck with it for most of the 20 hours, turned in a perfect log and managed the Mixed sweep just before the end on Sunday, all from the farthest-away Top Ten QTH – congratulations!

Jim chose High Power and also stuck with it most of the weekend, logging about 18 hours in the chair. WI9WI was only 12 CW QSOs behind winner WA3HAE.

Ed, VE4EAR again made a lot of Floridians happy with the easy Manitoba multiplier and broke the Canadian HP record in the process, while nailing one of the four elusive county sweeps from Canada. Look for Ed with his new callsign VE4VT in 2012.

Alan, KO7X bagged the CW sweep and the highest score from out West. Look for the West to return to the Top Ten in 2012, if not the top of the heap. With sunspots and a lack of disturbed conditions, California was the site of two-time winner N6MU during the last sunspot cycle!

Paul, N4PN, one of the most active testers and DXers you'll find anywhere, persisted with his persuasive CQing on 40 SSB and racked up the 2nd highest SSB QSO

total of any out-of-stater from next door in GA. Short skip on 20M is unpredictable and this wasn't a great year for our nearby neighbors, either.

From the DX side, Fred, NP2X (K9VV) edged out Helmut, DL5MC by a nose. Fred is one of four ops outside FL who were able to log anyone at all on 10M. (Amazingly, F5IN is another, working WK2G!) Fred's 19 QSOs on 15 CW were tops outside FL, illustrating how tough conditions were. We expect 2012 to yield 15M numbers way above that!

### Out of State CW

One year after finding by far the quickest county sweep ever in 2010, Bob, VE3KZ added to his impressive FQP resume in 2011 by easily outlasting the CW-only field with a sweep and a QSO total that was only 18 below VE3DZ's Canadian record that was set in 2010. By virtue of sticking with it full-time in 2011, Bob also found enough mobiles to land him the coveted W5WMU-donated Louisiana Hot Sauce.

Craig, K9CT, sporting a new, very impressive array of towers and antennas in rural Illinois, topped the USA entrants by a solid margin.

Craig hopped on the K4OJ bandwagon (much more on them later) and worked his final 7 counties for the sweep by logging K4OJ each time! K9CT was the fifth of seven stations to log K4OJ/WAG in Washington County for their sweep.

Jim, K8IR turned his amplifier back off and rose to the #3 spot. After sweeping 7 years in a row prior to 2010, Jim again missed one in 2011, though.

Tied for 4th outside FL were Rich, VA1CHP and Dave, N5DO. Rich led an expanding contingent from the Maritime Contest Club in his most serious FQP effort to date, and stuck in the chair for the 20 FQP hours. Rich easily outlasted rival MCCer Gary, VE1RGB to whom we thank greatly for his great energy in organizing the MCC activity and for his annual operating contribution to the FQP. Gary also squeaked into the Top 10 CW at #10.

Dave, N5DO, who provides us with that semi-rare WTX multiplier in many ARRL events, finished in the top 5 for the second year in a row. Due to antenna damage at his home, he visited a friend's QTH and used a Flex radio, deeming it "not contest

SWEEP	CALL	QTH	CATEG	PWR	TIME	QSO WITH	CTY	#66	QSO WITH	CTY	AT BREAK
MIXED	K3WW	PA	MIXED	HIGH	1231	K4OJ	HOL	1200	K4OJ	WAG	65
CW	K3WW	PA	MIXED	HIGH	1317	K4OJ	OKA	1254	K4OJ	WAL	63
CW	VE3KZ	ON	CW	LOW	1347	K4OJ	SAN	1345	K4Q	CHA	61
MIXED	VE4EAR	MB	MIXED	HIGH	1350	K4Q	CHA	1326	NX4N	BAK	62
MIXED	W8MJ	MI	MS-MIXED	LOW	1354	KN4Y	GUL	2359	K4OJ	FRA	66
CW	K0PC	MN	CW	LOW	1502	K4OJ	OKA	1355	KN4Y	GUL	61
CW	NS9I	WI	CW	HIGH	1556	K4OJ	WAG	1500	KN4Y	GUL	61
CW	WI9WI	WI	MIXED	HIGH	1557	K4OJ	WAG	1318	K4OJ	OKA	63
MIXED	WI9WI	WI	MIXED	HIGH	1557	K4OJ	WAG	1255	K4OJ	WAL	64
CW	VE3RZ	ON	MIXED	LOW	1559	K4OJ	WAG	1546	K4OJ	HOL	62
MIXED	VE3RZ	ON	MIXED	LOW	1559	K4OJ	WAG	1546	K4OJ	HOL	62
CW	W8MJ	MI	MS-MIXED	LOW	1603	K4OJ	WAG	1354	KN4Y	GUL	61
CW	K9CT	IL	CW	LOW	1604	K4OJ	WAG	1336	K4OJ	OKA	63 *
CW	N9CK	WI	CW	HIGH	1615	K4OJ	WAG	1537	K4OJ	HOL	61
CW	VE4EAR	MB	MIXED	HIGH	1621	K4OJ	WAG	1535	K4OJ	WAL	60
CW	W9IU	IN	MS-MIXED	HIGH	1646	K4OJ	CAH	1626	K4OJ	JAC	60
CW	WA3HAE	PA	MIXED	LOW	1646	K4OJ	CAH	1634	K4OJ	JAC	60
MIXED	WA3HAE	PA	MIXED	LOW	1646	K4OJ	CAH	1506	N3AWS	JAC	64
CW	N5ZK	TX	CW	HIGH	1650	K4OJ	CAH	1622	K4OJ	JAC	58
CW	W6OAT	CA	MS-CW	HIGH	1727	K4OJ	GAD	1645	K4OJ	CAH	58
CW	K0RC	MN	MS-MIXED	LOW	1739	N4EEB	HAR	1623	K4OJ	JAC	58
MIXED	VA3DF	ON	MIXED	QRP	1744	KN4Y	WAG	1631	K4OJ	JAC	58
CW	KO7X	WY	MIXED	HIGH	1955	KC4HW	JAC	1414	K4Q	CHA	60
MIXED	KO7X	WY	MIXED	HIGH	1955	KC4HW	JAC	1414	K4Q	CHA	62
CW	K9OM	IL	MIXED	QRP	2000	K4OJ	NAS	1733	K4KG	DIX	56
CW	N6MA	AZ	MS-CW	HIGH	2051	KN4Y	WAK	2038	W4WQ	OKE	56
MIXED	KA9JAC	WI	MIXED	LOW	2053	KN4Y	WAK	1727	K4OJ	GAD	53
SSB	WA3HAE	PA	MIXED	LOW	2104	KC2Q	OSC	2034	W3EEE	NAS	45

\* K4OJ provided last 7 counties!!

ready”, but persisting and posting a nice total anyway.

Dwight, NS9I topped the HP CW entrants with a 443-QSO effort and a sweep. Dwight eclipsed the HP CW record held for 5 years by K9LJN – nice going!

A year after several Europeans swept on CW, the top CW-only entrant was Karoly, HA8IB whose 20M single-band effort netted 162 QSOs and 62 counties, the top county count of any DX station, but 5 short of the sweep.

### **Out of State SSB**

Steve, KT0DX from out in Colorado took the top spot. Using the 2x score multiplier for low power propelled Steve past Bill, VY2LI who amassed 298 QSOs in his very first FQP. Both Steve and Bill found CQing to be productive as high as 14297 and found FL stations CQing down in the 14230s, so the activity is certainly spread out on SSB more so than on CW. Bill was another entrant from the Maritime Contest Club and enjoyed his presence on PEI, a new multiplier during this FQP, the first that split out the Maritime Provinces as separate multipliers for FL stations.

Ron, W1KDA from RI placed third on SSB, just ahead of past winner Gord, VA3OX. High power entrants John, WA5ZUP and Jeff, AC5O finished in a tight race for 5<sup>th</sup> and 6<sup>th</sup>. Being much closer, Jeff relied heavily on 40M with over 70% of his QSOs there while John had over 90% of his QSOs on 20M from NM. Same call area, but a world of difference in propagation.

Ken, KS4X again used his Signal Mountain QTH in TN to top the QRP SSB entrants for the third consecutive year and finish 8th overall.

Number 11 outside Florida came from the northwestern portion of the Dominican Republic as Franky, HI3FVA helped out 69 FL stations in over half the counties. It only took Franky a little over 2 hours of CQing to bring in all those QSOs.

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**

2011 was the last year without a Single-Operator-Assisted category separate from Multi-Single.

Pushing the 2010 M/S Mixed record up another 50% was Ken, W8MJ, entering this category for the first time since putting together his very impressive and unprecedented string of unassisted single-operator victories. Ken stayed very busy, logging by far the most number of contacts of anyone outside Florida with 818. Ken’s 453 CW QSOs and sweep would’ve been enough to win the USA CW title, and his 365 SSB QSOs would’ve done the same on SSB. Sadly, Ken still missed one county on SSB and missed the double sweep that WA3HAE did manage this year.

Now famous for his spreadsheet that helps to track mobiles in the FQP (and other QSO parties as well), Bob, K0RC easily bagged the sweep himself and logged 369 valid CW QSOs along the way.

Barry, N2BJ ran High Power and made a bunch of SSB QSOs, finishing just 10% down from W8MJ on that mode. Barry took about 6 hours off cumulatively, so the potential is there for a huge SSB total.

Finishing 4th in the Mixed M/S category was Scott, N9AG who passed away just months later. Here’s a great picture of Scott: <http://tinyurl.com/dxvncya>

Don, W9IU found the CW and Mixed sweeps and finished 5th from Indiana.

Jon, W4ZW/0 operated one day at home in Colorado with spotting assistance and found 55 counties. He operated the other day as a mobile, handing out the rare WY multiplier to many FL stations. Sadly, Jon would become a Silent Key in December. Thanks to K5KG for assembling the note and pictures posted here: <http://tinyurl.com/c8dlldj4>

We salute the return effort of

Claudio, I4VEQ who was the top DX M/S from the station that many know as IR4X in major contests. Claudio’s score was a record for DX M/S – congratulations! Demonstrating that 15M was indeed open, Claudio logged more Florida stations than anyone else on that band! S53M also did well on that band for the time that it was open.

Two ops from out west operated M/S CW only and found the county sweep. Congrats to Rusty, W6OAT and Paul, N6MA in AZ for completing the sweep in a year when long-distance sweeps were at a premium.

On SSB, the 2-man team at WW5R set a new SSB M/S record and had a spotless log to boot. Kudos to Deane, K5DAL and Doug, W5BL.

### **Out of State School Competition**

Bob, W0BH operating from the Hesston College (KS) radio club K0HC, returned to the winner’s circle with nice totals on both modes and ensuring lots of KS in the air.

### **Out of State Summary**

Non-FL logs came from 41 other States, DC, 9 Canadian Provinces and 21 DXCC entities.

Contest Club Ontario (CCO) broke away from the rest of the pack to claim their first FQP plaque. They have consistently demonstrated great support for the FQP in recent years and their 17 entries led to a resounding victory by a margin of nearly 70% -- great going, folks! In several recent years, the CCO had come close to the top, but a Florida mobile score boosted another club above them each time.

In the US, it was an extremely tight race, with the Mad River Radio Club (MRRC) edging out the Tennessee Contest Group (TCG) by a nose. The MRRC has been a solid supporter of the FQP for many years and has several club victories to show for their efforts.

The TCG’s 19 entries were tops from any club outside Florida and they nearly pulled off the upset. Much of TN is too close to get the full

benefit of 20M during the day and the activity on 40M during the day just doesn't make up for it.

Less than 2% separated the clubs finishing 3-4-5 in the US – the Society of Midwest Contesters, Minnesota Wireless Assn. and the Alabama Contest Group. Each of those clubs perennially show up for the FQP and do well collectively as a result.

County Sweeps dipped substantially from 2010. 18 different stations swept on CW after 30 did so in 2010. 9 got the Mixed Mode sweep and only WA3HAE managed to find all 67 Counties on SSB this time.

## FLORIDA RESULTS

### Florida Mobiles

With gas prices on the rise and other commitments or problems interfering for some of the regulars, the Florida mobile contingent was reduced to 18, although they still collectively covered 435 counties and handed out 22,026 total valid QSOs. That means that the mobiles still averaged over 50 contacts from each county as a whole, even in such a lean year propagationally. For comparison, the prior 5 years:

2010 – 24/470/27,363  
 2009 – 20/513/25,240  
 2008 – 20/391/20,494  
 2007 – 18/426/18,587  
 2006 – 22/418/18,238

## Single Op Mobile, No Driver

### Mixed

John, K2CIB raised his own score by 50% to nearly 700 QSOs, including over 200 each in OKE and GLA, and became the Mixed Mobile winner for the first time.

Jim, KC4HW drove down from southeastern AL and activated 11 Panhandle counties that were even rarer than normal with NF4A unable to go mobile as much this year. Look for Jim and others in the AL QSO Party in early June.

### CW

WRTC veteran Jeff, WC4E, used N4AO/m again and added 4 more west-central counties to his route. Averaging nearly 100 QSOs per

## Prepared by the U.S. Dept. of Commerce, NOAA, Space Weather Prediction Center

### Last 30 Days Daily Geomagnetic Data

Date	Middle Latitude - Fredericksburg -						High Latitude ---- College ----						Estimated --- Planetary ---														
	A	K-indices					A	K-indices					A	K-indices													
2011 04 03	11	3	3	2	2	2	2	3	3	24	4	3	3	5	4	4	3	3	16	4	3	3	3	3	4	3	
2011 04 04	6	3	2	2	1	1	1	1	1	6	3	2	2	3	1	1	0	0	8	3	2	2	1	2	2	1	1
2011 04 05	4	2	1	1	2	0	0	1	2	4	1	1	1	3	0	0	1	2	7	2	1	1	2	1	2	2	3
2011 04 06	16	3	2	1	4	4	3	3	3	41	3	2	1	6	6	6	5	3	26	3	3	1	4	6	5	3	3
2011 04 07	4	3	2	0	0	1	1	1	1	2	2	1	1	0	0	0	1	0	6	3	2	1	1	1	2	1	1
2011 04 08	5	1	0	0	2	2	1	2	3	13	2	1	2	2	5	2	2	3	8	2	0	1	1	3	2	3	3
2011 04 09	4	2	2	2	1	1	0	0	1	13	3	3	4	4	3	2	0	0	10	3	3	3	1	2	3	1	1
2011 04 10	3	1	0	0	0	2	2	0	1	3	1	0	0	1	2	2	0	0	5	2	0	0	0	1	3	2	2
2011 04 11	5	2	0	0	1	2	2	2	2	7	1	0	2	3	3	2	2	1	9	2	0	1	2	3	4	3	2
2011 04 12	14	2	2	4	4	3	3	1	2	39	1	2	6	6	6	5	2	2	23	2	2	5	4	5	4	2	3
2011 04 13	10	3	3	4	2	2	1	1	1	27	3	4	6	5	4	2	1	2	14	4	3	4	3	2	3	2	1
2011 04 14	3	1	2	2	0	0	0	1	2	5	2	3	2	1	0	0	1	1	7	1	2	2	1	1	3	2	3
2011 04 15	3	0	2	0	1	1	1	1	1	2	0	1	0	0	1	1	2	1	6	2	2	0	1	2	2	2	1
2011 04 16	2	0	1	1	1	0	1	1	1	1	0	1	0	1	0	0	0	0	4	0	1	0	1	1	1	1	1
2011 04 17	2	0	1	0	1	1	1	1	0	3	1	1	0	2	2	1	0	0	5	0	1	1	1	2	2	2	2
2011 04 18	8	0	1	3	3	3	2	1	1	15	0	0	2	5	5	3	0	1	10	1	0	3	3	4	2	1	1
2011 04 19	4	0	2	1	1	1	1	0	3	3	1	1	1	2	1	1	0	1	6	1	2	1	1	2	2	1	3
2011 04 20	11	3	4	3	2	3	1	1	1	27	3	5	6	5	3	1	1	0	16	3	5	4	3	3	3	2	1
2011 04 21	4	1	2	1	0	0	1	2	2	2	1	1	1	1	0	0	1	1	5	1	2	1	1	1	2	1	2
2011 04 22	3	2	1	0	1	1	1	1	0	10	5	2	1	3	1	1	0	0	6	3	2	0	2	2	2	2	1
2011 04 23	4	2	0	0	3	1	1	1	0	5	2	0	1	4	1	1	0	0	6	2	1	0	3	1	2	2	1
2011 04 24	6	1	1	0	1	2	2	2	3	6	1	0	0	1	1	4	2	2	6	1	1	0	1	1	2	1	3
2011 04 25	2	1	2	1	0	0	0	0	0	2	2	2	0	0	0	1	0	0	6	2	3	1	0	1	2	2	1
2011 04 26	1	0	0	1	0	1	1	0	0	1	0	0	2	1	0	0	0	0	3	0	0	1	0	1	1	1	1
2011 04 27	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	3	0	0	0	0	1	1	1	1
2011 04 28	1	0	0	0	0	1	0	1	1	1	0	0	0	0	0	1	1	0	3	0	0	0	1	1	2	2	1
2011 04 29	8	1	2	1	0	1	1	3	4	6	1	2	0	2	0	2	2	3	12	1	3	1	1	2	3	4	4
2011 04 30	17	4	2	3	4	4	2	3	2	43	4	3	6	7	4	4	3	3	24	4	3	3	5	4	3	4	4
2011 05 01	13	3	3	2	2	4	3	2	2	56	6	4	6	6	6	6	3	2	19	3	3	3	3	4	4	3	3

county, Jeff came within less than 10% of the WINN record set in 2010. With 74 multipliers to lead all single-op mobiles, Jeff showed that his antenna system is providing him with great coverage.

### SSB

Jack, K1KNQ ventured out for the 3rd year in a row and topped the SSB group with an 18-county, 255-QSO effort.

Jim, N3AWS boldly ran QRP mobile and racked up 129 QSOs in 15 northern counties, breaking his own QRP mark set back in 2004 despite losing the antenna along I-10 at one point!

Thanks to Lee, K4LJP, and John, KJ4ERZ for heading out on the roads again in 2011, too.

### Single Op Mobile, Plus Driver

### CW

John, N4EEB and his wife/route planner/driver Tracy led the pack once again. Conditions prevented John from reaching his 2010 totals, but even losing 10 QSOs per hour vs. 2010 led him to 2316 valid QSOs, an average of over 115/hour! Their 40 counties remain tops among the Single Ops.

Well, actually, those 40 counties tied with Chris, NX4N who similarly partners with his wife Lili. Opting to leave the microphone at home this time, Chris amassed a personal-best 1813 QSOs, enough to have John starting to look over his shoulder. Their upcoming shoot-out in the 2012 FQP should be fun!



Lili and Chris, NX4N

Ole' reliable Ed, KN4Y covered 26 desirable northern counties. His set-up gets out well, as he racked up as many mults (71) as winner N4EEB did with 990 more QSOs.

### Multi Op Single Transmitter Mobile

### Mixed

George, K5KG and past WRTC co-champion Jim, VE7ZO teamed up once again as K4KG, expanding their route to 48 counties. They were once again the only team to break 1 million points and fell less than 2% short of their all-time record score set back in 2004. Team KG had 74 CW multipliers, second only to N4TO among all mobiles and ran away with the SSB lead again with 56, as they continued to assertively move multipliers between CW and SSB. Their (5) 15M QSOs were down from 90 in 2010, but look out in 2012 with its much better 15M conditions. George and Jim have continued to refine their mobile set-up with a first-class operating position inside, as well as hauling a trailer with an excellent multi-band antenna mounted on it.



The "Team KG" trailer mounted antenna

Old friends Charlie, K1XX and Marty, W1MD again teamed up to go mobile. Their CW total was only 71 QSOs below Team KG, but their reduced totals on SSB caused the final score differential to be greater than it might've otherwise been. Charlie is actively plotting an improved route for 2012.

### CW

Using the callsign N4TO to remember Vic who loved FQP mobiling and became a SK in 2008, Dan, K1TO and Ron, K8NZ covered their annual route of 51 counties. They racked up 2979 QSOs, down from 3189 the year before, but having 77 multipliers call in pushed them over the top to a new record for the category. Once again, Dan & Ron took the "Luddite approach" of sending and logging by hand, plus listening to a speaker in 'NZ's van outfitted with a pair of Hamsticks. Their last hour on Saturday was 236 QSOs, as they rapidly passed through 6 counties. In addition, Team 'TO once again had the lowest error rate of any mobile.

K4OJ was the callsign of legendary FQP cheerleader Jim White, and the team of Kevin, N4KM and Red, KØLUZ used that call once again in 2011. As the plans evolved for the mobiles, it was apparent that coverage in the Panhandle was scater than normal, so they made a last-minute decision to cover the Panhandle as much as possible. Their efforts were a resounding success, as they provided by far the most "last ones" to those outside Florida finishing their county sweeps. In fact, 19 of the 28 mode sweeps (18 of the first 20) were provided by Team OJ! Their 2404 QSOs included many other county multipliers for the deserving, so we all very much appreciate the extra efforts of Kevin and Red.



Red, KØLUZ, team K4OJ

Jan, K4QD and Arnie, W4EIP opted for the special call K4Q and

trotted through 24 southern counties for almost 1200 contacts.

## **Multi Op Multi Transmitter Mobile**

### **Mixed**

Some of the same crew that hold the M/M Mobile record from 2009 with over 1M points got together again as W4WQ and ran a different route through southern and central Florida, hitting 27 counties. They did a good job on 20 SSB of utilizing the Mobile Window and ended up with the second-most SSB QSOs of any mixed-mode mobile. They worked some neat DX that none of the other mobiles nabbed, including A6, FG and ZL.

From the Melbourne area, Chuck, AD4ES and Glenn, KD2JA teamed up again and opted to go with two transmitters, plus added another county to their route. Rather than racing through each county, they stayed parked for a while in each one.

### **Florida Fixed Stations**

#### **Florida Mixed**

In a very close race, with log checking making the difference, Martin, N4UU emerged as the first-time winner from up in Levy (pronounced Lee-vee) County. Martin has steadily built his station up with stacked tribanders and a directional 40M antenna. He hit CW harder than any other Mixed Mode entrant and both his 735 QSOs and 82 mults are tops.

Right on Martin's heels was Eric, K9ES operating from AD4ES' QTH while Chuck was out mobiling. Eric apparently has a nose for multipliers as his 78 on CW and 82 on SSB were far and away tops among single-ops. Found in the K9ES log: 3D2, 9K, A6, KH2, SU, ZS and 8 VKs (only one other Floridian worked even one VK!). Eric is in the process of putting together a large array of antennas at his home QTH.

Last year's winner Ron, WD4AHZ finished third. Ron hit 15 & 10

Meters as hard as possible again, but those bands only yielded 34 QSOs (vs. 209 in 2010). CN8KD was a nice unique catch on 10 CW. With yet another exemplary clean log, Ron again made the FQP log checking Honor Roll.

QRP aficionado Tom, K3TW has relocated to Florida and broke the 500-QSO mark in his very first try from "this side", leading all FL QRP entrants. Look for Tom to build up that station over time and get louder.

High Power Mixed leaders Bill, K2EK and Lu, W4LT were next at #5 and 6. Both were successful at running well on SSB and had the highest SSB totals of any Mixed single op, while racking up solid totals on CW as well. Lu topped all entrants with 171 QSOs on 40 SSB.

Past Golden Log winner "Mayor" Ed, N4EK worked about 90% CW and put CIT into a bunch of logs, finishing in 7th. Marty, W4MY came down from NC again and chose to stay fixed in CLM this time, ending up in eighth. Dick, N9CM (ex K4GKD) again squeezed into the #9 slot with 97% of his activity on CW. Charlie, NF4A wasn't able to do his usual full-time mobile effort and stayed home in BAY much of the weekend, making the Top Ten in the process.

#### **Florida CW**

Terry, N4TB took the top spot within FL and nudged the low-power QSO record up to 975. Terry enjoyed using his well-engineered SO2R capability and his final total is less than 1000 points off the all-time record. Great job, Terry!

It was a very tight race for 2nd, with Merrill, WK2G edging out Will, WJ9B by less than 1% with very similar numbers: 771/85 to 777/83. This was Merrill's last FQP from FL as he has relocated back up to NJ and this was likely also Will's last big effort in the FQP from FL, since he is now spending the majority of his time in ID. Dave, N4IG moved up 3 spots to #4 with a solid 700-QSO effort of his own.

In 5th and atop the HP CW heap with another grand impressive victory was Bob, N4BP whose 1082 QSOs were an all-time FQP high, 6 QSOs above his 2009 mark. With 351 QSOs on 40M, 660 QSOs on 20M and 71 contacts on 15M, Bob topped everyone in Florida, regardless of category. (Winner N4TB was right behind Bob in 2nd place on each of those three bands.) Paired with his 93 mults, Bob's final score breaks his own HP CW record. For the second year in a row, Bob made exactly one error.

John, W2TX finished 6th. Alan, W4ARM again made sure that Miami-Dade was not a rare one on CW and ended up in 7th. Long-time FQP participant Mike, K4MTI (ex W5JBV) led the QRP CW group and slid up to 8th. Alan, K4PB and Greg, N4WO rounded out the Top Ten. Greg has plans to upgrade his station in time for the 2012 FQP.

#### **Florida SSB**

In just his second FQP, Jim, KM4HI ran away with the SSB victory, topping the field in both QSOs and multipliers. Jim bounced around 20 & 40 a lot, but was careful not to CQ inside the mobile windows. Check out Jim's qrz.com page for a thorough background with lots of pictures. Great job!

Mark, W4SVO placed second, just ahead of Cal, W4GMH who again made sure that OKA was not a rare one on SSB and moved all the way up to 3rd place. Cal had 163 QSOs on 40, just 8 below the leading totals on that band.

One of those leaders in 40M QSOs was newcomer Eugene, N7EO who had 171 40M QSOs, also from the Panhandle where 40M is effective for more hours than in middle and southern FL. Next in 5th place was Frank, WB2TFM who made the most of the 5 or so hours he had to operate, thanks to his 204BA boring a hole in the band.

Tops among the HP SSB ops and 6th overall was Jeff, N4WZ who helped make Martin one of the easiest

counties to work.

## Florida Multi-Single

Cruising to another victory was the 5-op group using the callsign K4ZK from the salt-water enhanced QTH of Paul, K1PT. They clicked on a lot of spotted multipliers, upping their CW mult count to 102. Those spots, plus their CQing trawler netted some really nice mults including 7X, 9J, CN, D2, FO, J5, KH8 and ZA.

The husband/wife team of Chris, G4BUE & June, M0BUE used Chris' US call N4CJ and placed a solid second. Chris' CW totals were slightly above K4ZK's, including 105 mults to lead all participants. Some of Chris' catches were: 6W, A7, J5, KH8, ST2, SV9 and ZA. June attracted plenty of attention, too, including three neat Middle Eastern QSOs with 9K2, A6 and OD5.

The St. Petersburg ARC split the operating time across 14 operators this time at club station W4GAC. They give lots of chair time to newer folks and emphasize the training aspect of operating while spreading the enthusiasm.

Right behind 'GAC was a similar operation up in Lake County using K4FC. With 7 ops at their clubhouse, they split the SSB & CW totals very evenly, while providing a great venue for the newcomers to practice their on-the-air skills.

Ric, WO4O visited from TN and was able to use the station of John, N4EEB while John and Tracy mobiled around. Ric opted for CW-only and worked 91 mults while essentially doubling the M/S CW record. He bagged some neat ones on 15M: FO, FY, J5, ST2 and ZA.

On SSB, George, AA4GT invited K4ADR to join him. All they did was to log 883 valid QSOs, the highest total of any station in any category in this year's FQP! All but 3 of their QSOs were on 20M. George has since dismantled the station for a move, but he and his teams certainly accumulated a lot of FQP QSOs over the years.

Meanwhile, Bill, K4FLV piled up 478 SSB QSOs in his first FQP while clicking on a few spots. Bill is recently licensed and is very enthusiastic about improving in 2012.

## LOG CHECKING COMMENTS

Steve, N9CK became the first ever to win the Golden Log plaque in consecutive years! Steve followed up his 390 error-free CW QSOs in 2010 with 360 more in 2011 – VFB!

Other Golden Logs (no errors) and at least 100 valid QSOs: **AA1AR**, **AA8IA**, **K4AMC**, **KA9JAC**, **N4ARO**, **N5NA**, **N6WIN**, **N8XI**, **SM2M**, **VA3RJ**, **VE2AWR**

FQP Honor Roll (others with less than a 1% error rate and at least 100 QSOs – **Bold** indicates Honor Roll or Golden Log last year, too):

**AE1T**, **K0RC**, **K3MD**, **K3TW**, **K3WW**, **K4BSK**, **K4JC**, **K4KG/m**, **K4ORD**, **K4PB**, **K7SV**, **K8MR**, **K9DU**, **KB3LIX**, **KM4HI**, **KO7X**, **N3AWS/m**, **N3ND**, **N4BP**, **N4CJ**, **N4TO/m**, **N6MA**, **N8BJQ**, **N9CM**, **NE0S**, **NO5W**, **NS9I**, **NX4N/m**, **VA3DF**, **VE1OP**, **VE9AA**, **W1WBB**, **W2TX**, **W3HDH**, **W4GMH**, **W5ZL**, **W7YAQ**, **WA1UJU**, **WA3HAE**, **WA6KHK**, **WD4AHZ**, **WJ9B**, **WO4O**, **WW5R**.

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, but, they might 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 (and not a busted callsign or QTH!).

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.

If you send out spots, we will ask you if you were indeed using spotting assistance.

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.

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)

## UPDATES AND REMINDERS FOR 2012

The 15th running of the revived FQP is coming up on **April 28-29, 2012** on the 4th full weekend of April. Hours remain 1600Z Sat. – 0159Z Sun. (10 hours on), then 10 hours off, followed by 10 hours on from 1200Z – 2159Z Sun.

Being the 15th running, this is a

very special year for the FQP, so we are activating 15 fixed stations with 1x1 callsigns whose suffixes spell out the words "FLORIDA QSO PARTY". Please be careful to work the official 15 stations. The prefixes for the "FLORIDA" stations are K4, for the "QSO" stations N4 and for the "PARTY" stations W4. Details on the special awards available for working all 15 stations are available at <http://tinyurl.com/d3cgm7h>

A separate category for Single-Op Assisted is now added to separate them from Multi-Single entrants.

Full rules and other information at [www.floridaqsoparty.org/rules.html](http://www.floridaqsoparty.org/rules.html)

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 [floridaqsoparty.org/fqpcounties.php](http://floridaqsoparty.org/fqpcounties.php) (tnx N8VW and K5TR for the script!) Verify that your entry was submitted at [www.floridaqsoparty.org/cota.php](http://www.floridaqsoparty.org/cota.php) and see the covered counties turn orange on the main page at [www.floridaqsoparty.org](http://www.floridaqsoparty.org) We can confidently state that all 67 Florida counties will once again be available to work and that loads of fun can be had!

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.

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.

**See you on April 28-29 for the 2012 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.

Dan, K1TO helped to get logs through the robot, then did all the log checking and produced the raw data, charts and write-up. Ron, WD4AHZ, the FCG's VP for the FQP, handles the FQP web site and mailing list, and once again keyed in all of the paper logs, while assisting with getting logs through the robot. Ron also produces

the .PDF file that you are reading now, based on Dan's output plus photographs submitted by you. Jeff, WC4E 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. Eric, K9ES handles the ever-expanding plaque program. Chris, NX4N has agreed to catch up on and maintain the FQP Records. 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. Jim, K4OJ (SK) continues to watch over us and remain as chief cheerleader!

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.

Plaque sponsors are a big part of the success of the FQP, so again, thanks to each of you for giving the participants some meaningful goals to shoot towards.

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 on April 28-29!

73, Dan, K1TO  
President, Florida Contest Group



## FQP 2011 PLAQUE WINNERS

SPONSOR	PLAQUE	WINNER
K9VV	Top Florida Mixed Mode	N4UU
K1PT	Top Florida CW	N4TB
W1YL	Top Florida CW High Power - Honoring W1CW / K4OJ	N4BP
ARA SWF	Top Florida SSB - In Memory of Jordan Mash WB2QLP	KM4HI
N4BP	Top Florida QRP	K3TW
K1TO	Top Florida Mobile No Driver	N4AO (WC4E)
N4LZ	Top Florida Mobile Plus Driver	N4EEB
K4RX	Top Florida Mobile Mixed Mode	K2CIB
K9OM	Top Florida Mobile Multi-2	W4WQ (W4WQ, WA0USA, K4MF, W4UH, A14QY)
N4EEB	Top Florida Mobile SSB	K1KNQ
WC4E	Top Florida Mobile Multi-Op	K4KG (K5KG, VE7ZO)
K1TO	Top Florida Mobile Multi-Op CW (N4TO Memorial)	N4TO (K1TO, K8NZ)
K4PG	Top Florida Multi-Single	K4ZK (K1PT, K4MM, W4DAS, K4MM, W2BLS, W4ELB)
K4LQ	Top Florida Club Station	W4GAC
AD4ES	First Florida Station making WAS	K2EK
W4DAS	Most QSOs Florida Single Operator	K2EK
NF4A	Top Non-Florida Mixed Mode	WA3HAE
W2TX	Top Non-Florida CW (In memory of N4OO)	VE3KZ
KT4PD	Top Non-Florida SSB	KT0DX
NA4CW	Top Non-Florida QRP	K9OM
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	W8MJ
N4PN	Top Canada Mixed Mode	VA3DX
N4LZ	Top Canada CW	VA1CHP (2nd place)
K1KNQ	Top Canada SSB	VY2LI
N2DL	Top Score Oceania	no entries
K3TW/SO5TW	Top Score Poland	SO6I (SP6JIU)
KE1F	Top Europe CW	HA8IB
K9ES	Special Achievement – Top USA CW	K9CT
N2NL	Top DX Mixed Mode	NP2X
K1TO	Largest Golden Log (Zero Errors)	N9CK
K5KG	First Station to Work All Counties	K3WW
SPECIAL AWARD	Case of Louisiana hot sauce	
W5WMU	Most QSOs with Mobiles	VE3KZ

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 or K1TO.

### Florida Fixed Results

#### Single Op Mixed

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	CTY	PWR	CLUB
N4UU	735	82	249	51	443,422	LEV	LOW	Florida Contest Group
K9ES	530	78	386	82	438,720	BRE	LOW	Florida Contest Group
WD4AHZ	629	77	150	49	353,052	SAR	LOW	Suncoast ARS
K3TW	345	59	160	51	279,840	CIT	QRP	Florida Contest Group
K2EK	599	75	733	68	268,697	SUM	HIGH	Florida Contest Group
W4LT	489	75	526	64	206,137	HIL	HIGH	Florida Contest Group
N4EK	504	69	52	26	198,740	CIT	LOW	Florida Contest Group
W4MY	244	50	127	33	99,102	CLM	LOW	
N9CM	316	60	8	7	85,492	HIL	LOW	Florida Contest Group
NF4A	305	60	161	42	76,602	BAY	HIGH	Florida Contest Group
AA4PP (W9KB)	127	39	51	26	35,620	CLR	LOW	ARA of SW FL
W4EBA	144	41	7	6	27,166	SUM	LOW	Florida Contest Group
N4GI	128	46	53	27	21,389	HIL	HIGH	Florida Contest Group
K4LRP	78	34	18	12	14,536	BRE	LOW	Florida Contest Group
KK9O	51	18	97	28	8,878	PAL	HIGH	
N4DXI	63	33	27	20	6,837	LEV	HIGH	
N4CU	30	17	24	11	4,256	OKA	LOW	Alabama Contest Group

K9JG	6	5	3	3	208	MTE	LOW	
N4WW	6	1	1	1	26	ORA	HIGH	Florida Contest Group
WW4B	1	1	1	1	6	DIX	HIGH	Florida Contest Group
WA2ENT	0	0	3	3	0	LAK	LOW	

#### Single Op CW

CALL	CW-Q	CW-M	SCORE	CTY	PWR	CLUB
N4TB	975	83	320,048	HIG	LOW	Florida Contest Group
WK2G	771	85	258,400	PAS	LOW	Florida Contest Group
WJ9B	777	83	255,640	ALC	LOW	Florida Contest Group
N4IG	700	74	203,352	POL	LOW	Florida Contest Group
N4BP	1,082	93	201,066	BRO	HIGH	Florida Contest Group
W2TX	653	75	195,000	BRE	LOW	Florida Contest Group
W4ARM	560	67	145,256	DAD	LOW	Florida Contest Group
K4MTI	390	60	130,680	BAY	QRP	Alabama Contest Group
K4PB	523	80	83,040	PAL	HIGH	Florida Contest Group
N4WO	338	60	78,720	HER	LOW	Florida Contest Group
KE1F	541	67	68,340	FLG	HIGH	Florida Contest Group
N6AR	467	72	65,808	ORA	HIGH	Florida Contest Group
N3ND	246	53	51,940	SEM	LOW	Florida Contest Group
K2EUH	205	52	41,184	POL	LOW	Florida Contest Group
NE8J	323	59	35,400	SUM	HIGH	
KJ4LEN	122	45	21,600	LEO	LOW	
W3TB	98	30	17,280	MTE	QRP	Florida Contest Group
W4SO	154	53	15,900	BRO	HIGH	Florida Contest Group
K4PG	168	46	14,904	PAL	HIGH	Florida Contest Group
N4BG	84	42	13,776	MRT	LOW	
KW7R/m	59	27	6,048	DES	LOW	
NU4Y	55	27	5,832	CLA	LOW	North FL DX Assn
W4KPG	51	29	5,684	PAL	LOW	
WB4FSF	22	5	440	SEM	LOW	Florida Contest Group

#### Single Op SSB

CALL	SSB-Q	SSB-M	SCORE	CTY	PWR	CLUB
KM4HI	656	70	91,140	MAO	LOW	Silver Springs ARC
W4SVO	470	67	61,238	PAL	LOW	
W4GMH	475	60	56,520	OKA	LOW	Alabama Contest Group
N7EO	397	59	45,666	ESC	LOW	Maranatha ARC
WB2TFM	330	64	40,960	LEV	LOW	
N4WZ	622	60	35,820	MRT	HIGH	
NG4L	305	53	31,482	PAS	LOW	Florida Contest Group
WA4OAB	408	59	23,423	PIN	HIGH	Florida Contest Group
K4JC	230	51	23,358	BRE	LOW	Florida East Coast DX Club
KJ4LQX	201	52	19,968	OKE	LOW	Florida Contest Group
KI4NBE	211	46	18,032	POL	LOW	
AJ4RW	262	54	13,608	HAM	HIGH	
W2OX	219	51	10,914	CHA	HIGH	Florida Contest Group
KF4DVG	88	36	6,264	SAN	LOW	
NØRZT	86	33	5,610	SAN	LOW	
KA1VY	80	37	5,106	CLR	LOW	
KE4JB	71	37	4,884	MRT	LOW	Florida Contest Group
K4JAF	116	39	4,446	WAG	HIGH	Panama City ARC
AI4KM	58	31	3,286	SEM	LOW	Orlando ARC
KW4FL	69	26	3,172	SAR	LOW	
KC4MYV	85	16	2,656	NAS	LOW	
N4RWH	42	25	2,000	HIG	LOW	
NZ1D	47	22	1,936	LAK	LOW	
WD4CBZ	33	21	1,386	JAC	LOW	
N2EGO	20	16	576	PIN	LOW	
N8KCJ	15	12	336	HIL	LOW	
N4LZ	17	15	255	MAO	HIGH	Florida Contest Group
W4SY	17	14	196	LEE	HIGH	
KE4WBI	7	6	60	LAK	LOW	

#### Multi Op Single Transmitter Mixed

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	CTY	PWR	CLUB	OPS
K4ZK	584	102	628	79	637,120	MRT	LOW	Florida Contest Group	

(K1PT, W4DAS, K4MM, W2BLS, W4ELB)

N4CJ	590	105	321	76	539,018	HIG	LOW	Florida Contest Group	+ M0BUE
W4GAC	550	72	195	52	308,512	PIN	LOW	Florida Contest Group	
	(K4OB, K8TYS, KG4PMC, KP2N, KR4U, N2ESP, N4GD, N4NHO, N4RI, NY4I, W4CU, W4NHQ, W4TSP, WA4EEZ)								
K4FC	409	67	412	62	289,476	LAK	LOW	Florida Contest Group	
	(KT4Q, K3RT, WA2UPK, KT4LST, WA2ENT, KE4WBI, WN4AMO)								
W4MLB	408	67	260	51	229,628	BRE	LOW	Platinum Coast ARS	AF4Z

#### Multi Op Single Transmitter CW

CALL	CW-Q	CW-M	SCORE	CTY	PWR	CLUB	OPS
WO4O	619	91	223,132	VOL	LOW	Tennessee Contest Group	+ spots

#### Multi Op Single Transmitter SSB

CALL	SSB-Q	SSB-M	SCORE	CTY	PWR	CLUB	OPS
AA4GT	883	67	115,374	CLR	LOW	Florida Contest Group	+ K4ADR
K4FLV	478	62	26,722	SAR	HIGH	Suncoast ARS	+ spots

### 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
K2CIB	610	67	63	28	237,500	5	LOW	
KC4HW	532	57	44	15	150,048	11	LOW	Alabama Contest Group

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

CALL	CW-Q	CW-M	SCORE	#CTY	PWR	CLUB
N4AO (WC4E)	1873	74	547,600	19	LOW	Florida Contest Group

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

CALL	SSB-Q	SSB-M	SCORE	#CTY	PWR
K1KNQ	255	44	22,088	18	LOW
N3AWS	129	33	12,672	15	QRP
K4LJP	94	22	3,784	15	LOW
KJ4ERZ	38	20	1,240	4	LOW

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

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	#CTY	PWR	CLUB
(NO ENTRIES)								

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

CALL	CW-Q	CW-M	SCORE	#CTY	PWR	CLUB
N4EEB	2316	71	649,792	40	LOW	
NX4N	1813	66	474,936	40	LOW	Florida Contest Group
KN4Y	1326	71	356,136	26	LOW	Sportsman's Paradise ARC

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

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	#CTY	PWR	CLUB	OPS
K4KG	1952	74	296	56	1,084,980	48	LOW	Florida Contest Group	K5KG, VE7ZO
K1XX	1881	67	63	16	626,318	43	LOW	Florida Contest Group	K1XX, W1MD

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

CALL	CW-Q	CW-M	SCORE	#CTY	PWR	CLUB	OPS
N4TO	2979	77	913,220	51	LOW	Florida Contest Group	K1TO, K8NZ
K4OJ	2404	73	693,208	36	LOW	Florida Contest Group	K0LUZ, N4KM
K4Q	1171	61	278,892	24	LOW	Florida Contest Group	K4QD, W4EIP

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

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	#CTY	PWR	CLUB	OPS
W4WQ	1293	63	163	55	643,808	27	LOW	Florida Contest Group	
	(W4WQ, WA0USA, K4MF, W4UH, AI4QY)								
AD4ES	623	59	94	26	218,280	11	LOW	Florida Contest Group	AD4ES, KD2JA

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

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	CTY	PWR
K2CIB	196	45	21	17	50,468	OKE	LOW
K2CIB	180	49	21	18	49,178	GLA	LOW
K2CIB	123	45	5	5	24,500	PAL	LOW

K2CIB	80	33	12	10	14,190	STL	LOW
KC4HW	38	18	8	6	3,936	SAN	LOW
K2CIB	31	22	4	3	3,300	MRT	LOW

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

CALL	CW-Q	CW-M	SCORE	CTY	PWR
N4AO	192	52	39,520	HIL	LOW
N4AO	172	50	34,200	MTE	LOW
N4AO	152	43	25,972	SUM	LOW
N4AO	137	45	24,480	PIN	LOW
N4AO	135	47	24,440	PAS	LOW
N4AO	123	48	23,424	POL	LOW
N4AO	107	39	16,536	HAR	LOW
N4AO	100	36	14,400	HEN	LOW
N4AO	102	35	14,140	SAR	LOW
N4AO	89	36	12,528	GLA	LOW
N4AO	83	32	10,624	CHA	LOW
N4AO	84	33	10,560	DES	LOW
N4AO	73	33	9,636	HIG	LOW
N4AO	74	33	9,636	LEE	LOW
KC4HW	70	32	8,576	JAC	LOW
KC4HW	72	28	7,840	OKA	LOW
KC4HW	63	31	7,316	HOL	LOW
KC4HW	71	27	7,236	WAL	LOW
N4AO	59	25	5,900	LAK	LOW
KC4HW	54	26	5,304	CAH	LOW
N4AO	50	26	4,992	CIT	LOW
N4AO	50	23	4,600	MAO	LOW
N4AO	46	22	3,960	HER	LOW
KC4HW	56	19	3,648	LIB	LOW
N4AO	45	20	3,600	ORA	LOW
KC4HW	38	22	2,992	BAY	LOW
KC4HW	35	20	2,640	GAD	LOW
KC4HW	35	20	2,640	WAG	LOW

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

ALL	SSB-Q	SSB-M	SCORE	CTY	PWR
K1KNQ	33	16	1,056	GIL	LOW
KC4HW	36	12	864	ESC	LOW
K1KNQ	25	15	750	PAS	LOW
K1KNQ	23	16	736	UNI	LOW
N3AWS	16	15	720	GUL	QRP
K1KNQ	22	16	704	HIL	LOW
K1KNQ	19	14	504	NAS	LOW
K1KNQ	20	11	440	HER	LOW
K1KNQ	15	13	390	LEV	LOW
K1KNQ	16	12	384	ALC	LOW
K1KNQ	15	13	338	CLM	LOW
K1KNQ	15	11	330	DUV	LOW
N3AWS	12	10	330	LEO	QRP
N3AWS	11	10	330	WAG	QRP
KJ4ERZ	15	12	312	ORA	LOW
N3AWS	10	10	300	BAY	QRP
KJ4ERZ	17	12	288	BRE	LOW
K4LJP	13	11	264	BRO	LOW
K4LJP	14	8	224	STL	LOW
N3AWS	9	8	216	ESC	QRP
N3AWS	9	8	216	WAL	QRP
K1KNQ	12	9	198	SUM	LOW
N3AWS	8	8	192	FRA	QRP
N3AWS	9	7	189	LIB	QRP
K1KNQ	11	8	176	LAK	LOW
N3AWS	7	7	147	OKA	QRP
N3AWS	7	7	147	SAN	QRP
K1KNQ	9	8	144	CIT	LOW
K4LJP	14	6	132	MRT	LOW
K1KNQ	8	8	128	MAO	LOW
N3AWS	7	6	126	WAK	QRP

N3AWS	8	5	120	GAD	QRP
N3AWS	6	6	108	CAH	QRP
K1KNQ	7	7	98	BAK	LOW
N3AWS	5	5	75	HOL	QRP
N3AWS	5	5	75	JAC	QRP
K4LJP	13	3	72	PAL	LOW
K4LJP	7	5	70	IDR	LOW
K4LJP	5	5	50	HIG	LOW
K4LJP	4	4	32	MON	LOW
KJ4ERZ	4	4	32	SEM	LOW
K4LJP	3	3	18	CHA	LOW
K4LJP	3	3	18	CLR	LOW
K4LJP	3	3	18	DAD	LOW
K4LJP	3	3	18	DES	LOW
K4LJP	3	2	12	GLA	LOW
K4LJP	3	2	12	HEN	LOW
K4LJP	3	2	12	OKE	LOW
K1KNQ	2	2	8	CLA	LOW
K1KNQ	2	2	8	PUT	LOW
KJ4ERZ	2	2	8	VOL	LOW
K1KNQ	1	1	2	BRA	LOW
K4LJP	3	2	0	LEE	LOW

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

CALL	CW-Q	CW-M	SCORE	CTY	PWR
N4EEB	125	45	21,960	HEN	LOW
N4EEB	108	40	16,800	MAO	LOW
N4EEB	100	38	15,200	HIL	LOW
NX4N	102	35	14,280	DUV	LOW
N4EEB	93	39	14,196	PAL	LOW
N4EEB	83	41	13,448	TAY	LOW
N4EEB	99	34	13,192	LAK	LOW
N4EEB	94	34	12,512	MAD	LOW
KN4Y	94	34	12,376	LIB	LOW
N4EEB	91	34	12,376	HAR	LOW
KN4Y	85	37	11,692	BAY	LOW
NX4N	75	40	11,680	SAR	LOW
KN4Y	85	36	11,376	WAK	LOW
NX4N	80	35	11,200	POL	LOW
N4EEB	83	32	10,496	DIX	LOW
NX4N	70	36	9,936	HAR	LOW
KN4Y	77	31	9,176	WAL	LOW
NX4N	75	31	8,804	MAO	LOW
N4EEB	69	32	8,576	LEE	LOW
N4EEB	65	32	8,192	MRT	LOW
KN4Y	73	30	8,040	LEO	LOW
N4EEB	68	29	7,888	CLA	LOW
N4EEB	63	30	7,560	PAS	LOW
KN4Y	62	32	7,552	GAD	LOW
NX4N	67	28	7,504	PUT	LOW
NX4N	65	27	7,020	VOL	LOW
NX4N	62	28	6,944	SUM	LOW
N4EEB	66	26	6,864	HER	LOW
NX4N	56	30	6,600	STJ	LOW
N4EEB	65	25	6,500	MTE	LOW
KN4Y	61	28	6,496	BRA	LOW
N4EEB	55	29	6,380	ALC	LOW
KN4Y	70	23	6,256	FRA	LOW
NX4N	58	27	6,156	MTE	LOW
NX4N	59	26	6,136	HIL	LOW
NX4N	60	26	6,136	LAK	LOW
N4EEB	56	28	6,048	DES	LOW
NX4N	55	27	5,832	PIN	LOW
N4EEB	56	26	5,824	PUT	LOW
NX4N	56	26	5,824	DES	LOW
KN4Y	60	27	5,508	PUT	LOW
N4EEB	63	22	5,456	HAM	LOW
KN4Y	50	27	5,400	CAH	LOW

NX4N	51	27	5,400	ORA	LOW
N4EEB	51	26	5,304	LAF	LOW
N4EEB	51	25	5,100	CIT	LOW
KN4Y	56	24	5,088	ALC	LOW
N4EEB	51	25	5,000	CHA	LOW
N4EEB	50	25	5,000	JEF	LOW
KN4Y	47	26	4,784	HAM	LOW
NX4N	52	23	4,692	CIT	LOW
NX4N	45	25	4,400	PAS	LOW
NX4N	45	24	4,320	CLA	LOW
NX4N	46	23	4,232	SEM	LOW
KN4Y	51	21	4,200	LAF	LOW
N4EEB	46	22	4,048	POL	LOW
NX4N	46	22	4,048	BRA	LOW
N4EEB	41	24	3,936	GLA	LOW
N4EEB	51	19	3,800	BAK	LOW
N4EEB	45	21	3,696	GIL	LOW
NX4N	40	23	3,680	FLG	LOW
N4EEB	43	21	3,612	SUM	LOW
N4EEB	43	21	3,612	SUW	LOW
KN4Y	47	20	3,600	GUL	LOW
KN4Y	40	23	3,496	JAC	LOW
KN4Y	47	20	3,440	HOL	LOW
NX4N	40	21	3,360	BAK	LOW
NX4N	44	19	3,344	HER	LOW
NX4N	41	20	3,280	DAD	LOW
N4EEB	35	22	3,080	CLM	LOW
NX4N	38	20	3,040	BRE	LOW
KN4Y	42	18	3,024	BAK	LOW
KN4Y	38	20	2,880	CLM	LOW
KN4Y	36	21	2,856	GIL	LOW
N4EEB	35	19	2,660	SEM	LOW
KN4Y	36	20	2,640	TAY	LOW
NX4N	33	20	2,640	GLA	LOW
KN4Y	37	19	2,584	JEF	LOW
KN4Y	34	19	2,584	WAG	LOW
N4EEB	39	17	2,584	LEO	LOW
NX4N	32	20	2,560	ALC	LOW
KN4Y	34	17	2,244	DIX	LOW
N4EEB	33	18	2,232	LEV	LOW
N4EEB	32	18	2,232	VOL	LOW
N4EEB	34	16	2,176	STJ	LOW
NX4N	26	20	2,080	OKE	LOW
NX4N	30	17	2,040	STL	LOW
NX4N	29	17	1,972	MRT	LOW
NX4N	27	17	1,836	OSC	LOW
N4EEB	28	16	1,728	ORA	LOW
N4EEB	26	16	1,664	FLG	LOW
KN4Y	30	14	1,624	UNI	LOW
N4EEB	28	14	1,568	DUV	LOW
N4EEB	28	14	1,568	OSC	LOW
NX4N	26	15	1,560	IDR	LOW
NX4N	27	14	1,512	HIG	LOW
NX4N	21	18	1,512	UNI	LOW
KN4Y	29	15	1,440	CLA	LOW
NX4N	24	15	1,440	CLR	LOW
NX4N	27	13	1,404	PAL	LOW
NX4N	25	14	1,400	MON	LOW
NX4N	23	14	1,288	HEN	LOW
N4EEB	24	13	1,248	NAS	LOW
NX4N	18	13	936	NAS	LOW
NX4N	17	12	816	BRO	LOW
KN4Y	5	5	80	SUW	LOW

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

CALL	CW-Q	CW-M	SCORE	CTY	PWR
W4RIS	8	8	112	PAL	LOW
W4RIS	6	6	72	BRO	LOW

Mobile Multi Op Single Transmitter Mixed - Individual County Scores

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	CTY	PWR
K1XX	92	34	4	2	13,320	HIL	LOW
K4KG	71	33	4	4	10,804	PIN	LOW
K4KG	65	29	10	9	10,640	VOL	LOW
K4KG	66	27	11	9	10,152	MAD	LOW
K4KG	62	27	9	9	9,576	TAY	LOW
K4KG	60	32	7	6	9,500	CIT	LOW
K1XX	71	29	1	1	8,580	HIG	LOW
K4KG	58	26	10	9	8,540	LAF	LOW
K4KG	63	28	5	5	8,514	GIL	LOW
K1XX	60	32	3	3	8,330	OKE	LOW
K4KG	56	30	6	5	8,260	PUT	LOW
K4KG	53	30	6	6	8,064	LEV	LOW
K1XX	75	24	3	3	8,046	TAY	LOW
K4KG	58	27	6	6	7,920	PAL	LOW
K4KG	52	26	10	8	7,752	LEO	LOW
K4KG	47	25	12	11	7,632	OSC	LOW
K1XX	61	31	2	1	7,552	DES	LOW
K1XX	57	33	1	1	7,548	LEO	LOW
K1XX	58	30	2	2	7,424	HAR	LOW
K1XX	60	29	1	1	7,260	LAK	LOW
K4KG	54	23	9	8	7,254	HEN	LOW
K4KG	57	29	2	2	7,192	HIL	LOW
K4KG	57	26	3	3	6,786	FLG	LOW
K4KG	57	27	2	2	6,612	BRE	LOW
K1XX	48	28	4	4	6,400	DIX	LOW
K1XX	51	30	1	1	6,262	GIL	LOW
K4KG	46	25	7	6	6,138	STL	LOW
K4KG	40	23	10	10	5,940	DES	LOW
K4KG	49	25	5	3	5,768	UNI	LOW
K1XX	53	25	1	1	5,564	ORA	LOW
K4KG	38	24	8	8	5,248	MTE	LOW
K4KG	38	23	9	8	5,146	SUW	LOW
K1XX	51	23	2	2	5,100	MRT	LOW
K4KG	39	23	7	7	5,100	ORA	LOW
K1XX	50	24	2	2	5,096	STL	LOW
K4KG	45	20	7	6	5,044	WAK	LOW
K1XX	53	23	1	1	5,040	MAD	LOW
K4KG	40	23	6	6	4,988	OKE	LOW
K4KG	41	22	7	6	4,984	JEF	LOW
K1XX	50	23	1	1	4,848	GAD	LOW
K1XX	42	25	3	3	4,760	GLA	LOW
K1XX	44	23	3	3	4,732	PAS	LOW
K4KG	43	22	5	4	4,732	SUM	LOW
K4KG	35	23	8	8	4,712	BRA	LOW
K1XX	49	23	1	1	4,560	JAC	LOW
K1XX	46	21	3	2	4,278	POL	LOW
K1XX	39	26	1	1	4,266	WAK	LOW
K4KG	29	19	11	11	4,140	CHA	LOW
K1XX	45	21	1	1	4,004	CLM	LOW
K1XX	39	21	4	4	4,000	BRE	LOW
K1XX	42	21	1	1	3,740	VOL	LOW
K1XX	43	20	1	1	3,654	LEV	LOW
K1XX	44	20	1	1	3,654	SUW	LOW
K1XX	39	22	1	1	3,634	HER	LOW
K4KG	37	19	5	4	3,634	ALC	LOW
K4KG	29	18	9	9	3,618	LEE	LOW
K4KG	37	21	3	3	3,600	CLA	LOW
K4KG	32	18	8	7	3,550	HAR	LOW
K1XX	35	20	3	3	3,358	IDR	LOW
K4KG	35	20	3	3	3,358	SAR	LOW
K1XX	36	19	3	3	3,300	SUM	LOW
K4KG	32	16	7	7	3,266	DIX	LOW
K4KG	30	18	7	6	3,216	IDR	LOW
K1XX	40	19	1	1	3,160	BRA	LOW
K4KG	31	20	2	2	2,816	SEM	LOW
K1XX	39	17	1	1	2,772	JEF	LOW

K4KG	28	18	4	4	2,640	DUV	LOW
K4KG	29	18	3	3	2,478	PAS	LOW
K4KG	27	17	5	3	2,360	BAK	LOW
K4KG	26	21	1	1	2,332	HER	LOW
K4KG	23	16	6	6	2,288	MRT	LOW
K4KG	29	17	2	2	2,280	MAO	LOW
K4KG	24	16	6	5	2,268	CLM	LOW
K4KG	22	15	7	6	2,058	HAM	LOW
K1XX	25	15	4	3	1,944	MTE	LOW
K1XX	22	16	1	1	1,530	UNI	LOW
K4KG	16	13	5	5	1,332	HIG	LOW
K4KG	15	12	5	5	1,190	POL	LOW
K4KG	19	13	1	1	1,092	NAS	LOW
K4KG	12	9	5	5	812	GLA	LOW
K1XX	12	7	1	1	400	HAM	LOW

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

CALL	CW-Q	CW-M	SCORE	CTY	PWR
N4TO	105	42	17,640	LEE	LOW
N4TO	103	41	16,892	DES	LOW
N4TO	105	40	16,800	MRT	LOW
K4OJ	110	36	15,840	HOL	LOW
K4OJ	102	38	15,352	FRA	LOW
K4OJ	92	41	14,760	DUV	LOW
N4TO	87	40	13,920	CLM	LOW
K4OJ	102	34	13,600	MAD	LOW
K4OJ	86	40	13,600	TAY	LOW
N4TO	93	36	13,248	CHA	LOW
K4OJ	104	32	13,184	JEF	LOW
K4OJ	93	34	12,648	WAL	LOW
K4OJ	91	34	12,376	OKA	LOW
K4OJ	83	37	12,284	BAY	LOW
N4TO	85	36	12,240	GLA	LOW
N4TO	91	34	12,240	ORA	LOW
N4TO	83	34	11,288	IDR	LOW
K4OJ	80	33	10,560	STJ	LOW
N4TO	75	35	10,360	UNI	LOW
K4OJ	85	30	9,960	WAG	LOW
N4TO	68	36	9,792	LEO	LOW
N4TO	76	32	9,728	CIT	LOW
N4TO	76	32	9,728	HIG	LOW
N4TO	65	37	9,620	SAR	LOW
K4OJ	71	33	9,372	NAS	LOW
K4OJ	86	27	9,180	SAN	LOW
K4OJ	78	29	9,048	JAC	LOW
K4OJ	77	30	9,000	SUW	LOW
K4OJ	74	30	8,880	CAH	LOW
N4TO	74	30	8,880	OKE	LOW
N4TO	65	34	8,840	HEN	LOW
K4Q	71	32	8,448	POL	LOW
N4TO	70	31	8,432	DIX	LOW
N4TO	70	31	8,432	TAY	LOW
K4Q	72	29	8,236	GLA	LOW
N4TO	68	30	8,160	STL	LOW
K4Q	72	28	8,064	BRE	LOW
N4TO	62	32	7,936	SEM	LOW
N4TO	61	33	7,920	LAF	LOW
K4OJ	67	29	7,772	VOL	LOW
N4TO	69	28	7,728	BRE	LOW
N4TO	67	28	7,504	MAD	LOW
N4TO	65	29	7,424	CLR	LOW
K4OJ	63	30	7,080	BAK	LOW
N4TO	65	27	7,020	MTE	LOW
K4OJ	65	28	6,944	LAK	LOW
N4TO	54	32	6,912	JEF	LOW
K4Q	69	26	6,760	CLR	LOW
K4OJ	64	26	6,656	GIL	LOW
K4Q	53	31	6,572	PAL	LOW



K4OJ	65	26	6,552	GAD	LOW
K4OJ	64	25	6,400	LAF	LOW
N4TO	62	26	6,344	OSC	LOW
K4OJ	58	27	6,156	ESC	LOW
N4TO	52	29	6,032	BRA	LOW
N4TO	54	27	5,724	HIL	LOW
N4TO	53	27	5,724	PIN	LOW
K4Q	56	26	5,720	CHA	LOW
K4Q	53	26	5,512	MON	LOW
K1XX	52	27	5,508	ALC	LOW
K4OJ	62	23	5,428	WAK	LOW
K4OJ	54	25	5,400	LEO	LOW
N4TO	53	25	5,300	SUW	LOW
K4Q	56	24	5,280	MTE	LOW
K4Q	55	24	5,280	OSC	LOW
N4TO	55	24	5,280	LEV	LOW
K4OJ	54	24	5,184	CLM	LOW
N4TO	46	28	5,152	LAK	LOW
N4TO	50	25	5,000	MAO	LOW
K1XX	49	25	4,900	LIB	LOW
N4TO	49	25	4,900	VOL	LOW
K4Q	47	26	4,888	SEM	LOW
K1XX	44	28	4,872	LAF	LOW
K4OJ	50	24	4,800	FLG	LOW
K4Q	53	24	4,800	DAD	LOW
K4Q	49	26	4,784	MRT	LOW
N4TO	43	26	4,472	NAS	LOW
N4TO	49	22	4,312	ALC	LOW
K4OJ	47	23	4,232	LEV	LOW
K4OJ	46	24	4,224	CIT	LOW
N4TO	45	24	4,224	HAM	LOW
N4TO	47	22	4,136	GIL	LOW
N4TO	37	27	3,996	WAK	LOW
K4Q	46	22	3,960	DES	LOW
K4Q	46	23	3,956	LEE	LOW
N4TO	45	22	3,872	PAS	LOW
K4Q	46	21	3,864	HAR	LOW
N4TO	42	23	3,864	STJ	LOW
K4Q	45	21	3,780	OKE	LOW
N4TO	41	22	3,608	HER	LOW
K4Q	35	25	3,500	ORA	LOW
K4Q	46	19	3,496	HEN	LOW
K4Q	41	22	3,432	BRO	LOW
N4TO	42	19	3,192	FLG	LOW
N4TO	38	21	3,192	PAL	LOW
K4OJ	35	22	3,080	GUL	LOW
N4TO	35	22	3,080	BAK	LOW
K1XX	37	20	2,960	CAH	LOW
K4Q	35	21	2,940	HIG	LOW
N4TO	35	20	2,720	PUT	LOW
K4OJ	37	18	2,664	ALC	LOW
K4OJ	33	20	2,640	DIX	LOW
K4OJ	35	19	2,584	SUM	LOW
K4Q	35	18	2,448	SAR	LOW
K4Q	30	20	2,320	VOL	LOW
K4OJ	32	18	2,304	MAO	LOW
K4OJ	31	18	2,160	ORA	LOW
K1XX	29	18	2,088	MAO	LOW
K4Q	32	17	2,040	STL	LOW
K4OJ	28	17	1,904	SEM	LOW
K4Q	28	17	1,904	IDR	LOW
K1XX	27	17	1,836	SEM	LOW
N4TO	22	19	1,672	HAR	LOW
N4TO	26	14	1,456	SUM	LOW
K1XX	19	15	1,140	CLA	LOW
N4TO	20	14	1,120	CLA	LOW
K1XX	22	12	1,056	DUV	LOW
N4TO	18	14	1,008	DUV	LOW

N4TO	18	11	792	POL	LOW
K1XX	16	10	640	BAK	LOW
K1XX	15	9	540	NAS	LOW

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

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	CTY	PWR
W4WQ	170	46	32	25	51,830	OSC	LOW
W4WQ	75	30	44	23	20,352	ORA	LOW
W4WQ	102	43	4	4	19,552	IDR	LOW
AD4ES	86	31	17	12	15,996	OKE	LOW
AD4ES	89	38	3	2	13,840	DES	LOW
W4WQ	79	36	5	5	13,366	POL	LOW
W4WQ	75	37	4	3	12,320	OKE	LOW
AD4ES	61	26	29	11	11,026	LEE	LOW
W4WQ	67	32	6	6	10,640	LEV	LOW
AD4ES	59	30	6	6	8,928	GLA	LOW
W4WQ	68	31	1	1	8,768	PAL	LOW
AD4ES	48	25	26	6	7,192	HEN	LOW
W4WQ	51	23	8	7	6,600	ALC	LOW
W4WQ	51	28	2	2	6,240	STL	LOW
W4WQ	30	16	25	17	5,478	SEM	LOW
W4WQ	39	19	6	5	4,032	VOL	LOW
W4WQ	36	17	7	7	3,792	GIL	LOW
W4WQ	42	21	1	1	3,740	MTE	LOW
W4WQ	37	20	1	1	3,150	SUM	LOW
W4WQ	39	18	1	1	3,002	LAK	LOW
W4WQ	32	19	2	2	2,772	MRT	LOW
W4WQ	23	13	6	5	1,872	DIX	LOW
W4WQ	22	17	2	2	1,748	BRE	LOW
W4WQ	22	13	1	1	1,260	MAO	LOW
W4WQ	14	12	1	1	754	HEN	LOW

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

CALL	CW-Q	CW-M	SCORE	CTY	PWR
AD4ES	75	34	9,928	POL	LOW
AD4ES	77	32	9,344	HAR	LOW
W4WQ	63	28	7,056	DES	LOW
AD4ES	56	28	6,160	HIG	LOW
W4WQ	57	25	5,700	CIT	LOW
W4WQ	47	28	5,264	HAR	LOW
AD4ES	39	24	3,360	IDR	LOW
AD4ES	33	21	2,184	OSC	LOW
W4WQ	21	15	1,260	HIG	LOW
W4WQ	20	10	600	GLA	LOW
W4WQ	11	8	352	BRA	LOW

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

CALL	CW-Q	CW-M	SCORE	CTY	PWR
AD4ES	13	10	240	CHA	LOW
W4WQ	4	4	32	FLG	LOW

**USA Results**

**Single Op Mixed**

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	QTH	PWR	CLUB
WA3HAE	389	67	280	67	281,936	PA	LOW	Weekend Warriors
K9OM	296	67	51	38	200,025	IL	QRP	Florida Contest Group
K3WW	385	67	169	56	114,759	PA	HIGH	Frankford Radio Club
K7SV	226	64	52	29	93,000	VA	LOW	Potomac Valley Radio Club
W5ZL	199	61	42	33	82,344	TX	LOW	Central Texas DX and Contest Club
KA9JAC	204	66	22	18	72,240	WI	LOW	Northeast Wisconsin DX Assn
WI9WI	377	67	33	24	70,798	WI	HIGH	Minnesota Wireless Assn
K0JPL	255	63	115	49	69,328	MO	HIGH	
NE0S	178	61	26	20	61,560	MO	LOW	
N8XI	177	65	13	12	56,518	MI	LOW	
KO7X	244	67	45	28	50,445	WY	HIGH	Grand Mesa Contesters of Colorado
N4PN	150	57	172	52	49,268	GA	HIGH	South East Contest Club

W8TM	138	55	24	17	42,768	OH	LOW	Mad River Radio Club
K4AB	129	50	40	23	42,632	AL	LOW	Alabama Contest Group
KB3LIX	127	50	37	21	41,038	PA	LOW	Allegheny Valley Radio Assn
AE1T	233	63	21	19	39,688	NH	HIGH	Yankee Clipper Contest Club
AA8IA	132	53	19	17	39,620	OH	LOW	Mad River Radio Club
N1TA	168	55	83	35	36,180	MA	HIGH	
K0MPH	122	52	18	16	34,816	MN	LOW	Minnesota Wireless Assn
K9DU	124	54	12	12	34,056	MN	LOW	Minnesota Wireless Assn
K8MR	167	61	36	27	32,384	OH	HIGH	Mad River Radio Club
K8JQ	129	49	87	41	30,240	WV	HIGH	
WA6KHK	150	55	54	30	29,835	CA	HIGH	
W3HDH	179	58	27	17	28,800	IL	HIGH	Society of Midwest Contesters
K4DJ	109	45	21	16	28,792	NC	LOW	
KU8E	119	52	67	35	26,100	GA	HIGH	South East Contest Club
K9BTQ	89	45	30	18	25,704	WI	LOW	West Allis RAC
K6RB	158	65	16	15	25,600	CA	HIGH	Northern California Contest Club
K3MD	85	46	95	37	21,829	PA	HIGH	Frankford Radio Club
K2XE	95	42	15	14	21,168	NJ	LOW	
WA8ZBT	84	39	24	17	20,832	TX	LOW	
K4RDU	153	52	16	13	20,150	VA	HIGH	
N2ZN	67	41	17	15	16,912	NY	LOW	Rochester (NY) DX Assn
NV9X	73	39	19	13	16,848	IL	LOW	Metro DX Club
W4KRN	87	39	8	8	16,732	VA	LOW	
K4CX	73	34	22	14	15,744	TN	LOW	
AA0A	76	43	68	34	15,246	MO	HIGH	
K0GEO	87	38	4	4	14,616	TX	LOW	
K4BAI	65	40	12	11	14,484	GA	LOW	South East Contest Club
K0KX	58	39	12	12	13,056	MN	LOW	Minnesota Wireless Assn
W8KNO	43	29	39	23	12,272	OH	LOW	Mad River Radio Club
KA2FHN	52	34	18	14	11,520	NY	LOW	
ND4X	49	27	34	21	11,424	KY	LOW	Paducah ARA
N0UY	60	34	13	10	11,352	MN	LOW	
K3GY	60	31	28	19	11,200	PA	LOW	Radio Assn of Erie
WF7T	51	32	22	13	11,160	TN	LOW	Tennessee Contest Group
W1XX	40	25	85	40	10,530	RI	HIGH	CTRI Contest Group
NA4C	51	31	17	12	9,202	TN	LOW	Tennessee Contest Group
ND3R	40	29	19	17	9,108	PA	LOW	
N3KN	67	35	18	16	7,752	VA	HIGH	
N3TG/m	33	26	19	17	6,880	VA	LOW	Sterling Park ARC
K0DEQ	78	42	1	1	6,665	MO	HIGH	Missouri DX/Contest Club
K0IR	67	35	11	10	6,435	MN	HIGH	Minnesota Wireless Assn
W5QP	41	34	1	1	5,810	AR	LOW	
W2UDT	56	35	9	9	4,972	NJ	HIGH	Frankford Radio Club
W3SA	33	26	7	7	4,686	NC	LOW	Mecklenburg ARS
WA9LEY	27	21	14	10	4,092	IL	LOW	
KS4S	36	25	1	1	3,484	NC	LOW	Carolina DX Assn
WA5DSS	9	9	32	22	2,728	TX	LOW	
W4BK	31	21	1	1	2,684	TN	LOW	Tennessee Contest Group
WN6K	22	18	5	5	2,162	CA	LOW	Southern California Contest Club
W1/YO7ARY	19	17	10	7	2,160	CT	LOW	YO DX Club
W9EWZ	39	23	2	2	1,950	IL	HIGH	Midwest Contesters
KB9YGD	12	10	15	14	1,872	IN	LOW	
N5EG	13	11	10	9	1,360	OR	LOW	
K1JB	8	8	20	17	900	ME	HIGH	Yankee Clipper Contest Club
WO7V	10	7	5	4	264	OR	HIGH	

### Single Op CW

CALL	CW-Q	CW-M	SCORE	QTH	PWR	CLUB
K9CT	432	67	113,900	IL	LOW	Society of Midwest Contesters
K8IR	380	66	99,264	MI	LOW	
N5DO	369	65	94,900	TX	LOW	Big Bend ARC
K0PC	282	67	74,772	MN	LOW	Minnesota Wireless Assn
W1END	268	66	69,432	NH	LOW	Yankee Clipper Contest Club
W1WBB	248	66	64,944	RI	LOW	CTRI Contest Group
W9OA	261	63	63,504	IL	LOW	Metro DX Club
NS9I	443	67	58,960	WI	HIGH	
NO5W	214	64	54,528	TX	LOW	Central Texas DX and Contest Club
W7YAQ	201	65	52,000	OR	LOW	Willamette Valley DX Club

N9CK	360	67	48,240	WI	HIGH	Society of Midwest Contesters
K5PI	194	62	47,368	TX	LOW	Central Texas DX and Contest Club
W8IQ	170	62	40,920	OH	LOW	
N5ZK (W5ASP)	313	67	40,334	TX	HIGH	Central Texas DX and Contest Club
N5RZ	151	57	33,744	TX	LOW	
K4BSK	127	59	29,736	NC	LOW	
K7BG	134	56	29,344	MT	LOW	Northern Rockies DX Assn
N9FC	125	58	28,304	IN	LOW	Society of Midwest Contesters
W4GDG	131	54	27,648	VA	LOW	Potomac Valley Radio Club
K1TN	124	54	26,352	WI	LOW	
N3KR	132	51	26,112	PA	LOW	Frankford Radio Club
N4AAI	126	51	24,684	TN	LOW	Tennessee Contest Group
W4UT	97	46	24,288	TN	QRP	Tennessee Contest Group
N8BJQ	199	60	23,760	OH	HIGH	Southwest Ohio DX Assn
N3UA	128	47	23,688	VA	LOW	Potomac Valley Radio Club
N1IA	107	49	20,384	NY	LOW	
WA1UJU	106	48	20,160	MI	LOW	
N8XX	77	41	18,204	MI	QRP	
K8BTU	88	52	18,096	OH	LOW	DELARA Contest Team
K4ORD	100	43	17,028	VA	LOW	
N1NN	95	44	16,544	MA	LOW	
AB7RW	86	49	16,268	WA	LOW	
WA4GQG	81	51	16,116	NC	LOW	
W4UCZ	92	45	15,480	GA	LOW	South East Contest Club
W8IDM	84	44	14,608	OH	LOW	West Park Radiops
AI9I	56	41	12,792	IL	QRP	
K4AMC	145	43	12,470	TN	HIGH	Tennessee Contest Group
NQ2W	70	30	12,420	NY	QRP	
K1BV	125	50	12,100	CT	HIGH	Yankee Clipper Contest Club
K4GM	72	40	11,360	VA	LOW	Potomac Valley Radio Club
N4ZZ	139	41	11,070	TN	HIGH	Tennessee Contest Group
W1FJ	101	54	10,692	MA	HIGH	Yankee Clipper Contest Club
NA4K	60	42	10,080	TN	LOW	Tennessee Contest Group
K9FN	68	39	9,828	IN	LOW	
N2CQ	69	38	9,576	NJ	LOW	
NB4M	51	32	9,408	TN	QRP	Tennessee Contest Group
WM1L	55	37	7,992	MA	LOW	
N2JJ	54	35	7,560	NY	LOW	Hudson Valley Contesters and DXers
K9JWI	59	31	7,192	IN	LOW	
N2JNZ	45	28	7,056	NY	QRP	
NG7Z	48	34	6,392	WA	LOW	Western Washington DX Club
K1GU	78	40	6,240	TN	HIGH	Tennessee Contest Group
W8DW	43	23	5,796	MI	QRP	
NM5M	69	41	5,658	TX	HIGH	
W4ZW/7	48	32	5,632	WY	LOW	Grand Mesa Contesters of Colorado
W5QLF	49	27	4,860	TX	LOW	
W6UB	44	28	4,816	TN	LOW	Tennessee Contest Group
K4FT	43	28	4,816	KY	LOW	
KD5JHE	45	26	4,680	MS	LOW	
K9OSC	47	27	4,644	MN	LOW	
W0CGR	58	43	4,472	CO	HIGH	
K8IJ	35	22	4,356	KY	QRP	
NU6N	43	24	4,032	CA	LOW	
AE4O	35	26	3,640	GA	LOW	South East Contest Club
ND3D	30	20	3,600	MD	QRP	Potomac Valley Radio Club
K8MM	36	24	3,456	MI	LOW	Mad River Radio Club
W8RU	36	24	3,456	MI	LOW	Mad River Radio Club
AE6RG	34	25	3,400	OR	LOW	
KE3X	37	22	3,168	DC	LOW	Potomac Valley Radio Club
N3CZ	30	18	3,132	NC	QRP	North Carolina DX and Contest Club
W8CAG	29	29	3,132	MI	LOW	
AD4EB	48	33	3,036	TN	HIGH	Tennessee Contest Group
WA3AAN	34	23	3,036	PA	LOW	
K4NP	29	23	2,484	TN	LOW	
N3NZ	30	21	2,436	PA	LOW	
AK7O	29	23	2,392	UT	LOW	
K9JM	28	21	2,184	CA	LOW	Northern California Contest Club
W9WE	29	20	2,160	IL	LOW	Society of Midwest Contesters

N7MAL	28	18	2,016	AZ	LOW	Arizona Outlaws Contest Club
K4HAL	26	19	1,976	AL	LOW	Alabama Contest Group
W6SX	39	25	1,900	CA	HIGH	Northern California Contest Club
N0SXX	24	19	1,824	SD	LOW	
W8TK	36	26	1,820	AZ	HIGH	Arizona Outlaws Contest Club
N4DW	37	24	1,776	TN	HIGH	Tennessee Contest Group
K6BZZ	38	24	1,728	AZ	HIGH	Arizona Outlaws Contest Club
K8SIA	21	17	1,360	MI	LOW	Mad River Radio Club
KA0P	18	16	1,152	MO	LOW	
K0ZR	29	20	1,120	VA	HIGH	Loudoun Amateur Radio Group
AA5JG	17	15	960	OK	LOW	
W10WA (N0AC)	17	14	896	IA	LOW	Iowa DX and Contest Club
K8GT	16	14	896	MI	LOW	Mad River Radio Club
W7YMS	15	13	780	OR	LOW	
K6CSL	15	13	728	CA	LOW	
W6GMT	10	10	600	MN	QRP	
KB9BIT	12	12	576	IN	LOW	
K1YR	12	11	528	AZ	LOW	Arizona Outlaws Contest Club
W1NN	10	10	360	OH	LOW	Mad River Radio Club
K7BX	10	9	360	WA	LOW	
K9PG	9	9	324	IL	LOW	Society of Midwest Contesters
KC7YE	9	8	224	WA	LOW	
NO2D	6	5	180	CO	QRP	
N6AJR	8	8	128	CA	HIGH	Northern California Contest Club
KA3DRR	3	3	36	CA	LOW	Northern California Contest Club
AI4SV	2	2	24	VA	QRP	Vienna Wireless Society

#### Single Op SSB

CALL	SSB-Q	SSB-M	SCORE	QTH	PWR	CLUB
KT0DX	181	57	19,950	CO	LOW	
W1KDA	139	44	12,056	RI	LOW	
WA5ZUP	198	49	9,506	NM	HIGH	
AC5O	182	52	9,256	LA	HIGH	
NX0P	115	39	8,190	MN	LOW	
KS4X	55	31	5,022	TN	QRP	Tennessee Contest Group
N7LD	61	33	3,894	NV	LOW	
KU4WD	64	29	3,712	TN	LOW	
AB1OD	63	29	3,596	CT	LOW	
NR8U	46	26	2,288	OH	LOW	
W9QL	44	23	2,024	IL	LOW	
NW5Q	38	25	1,850	TX	LOW	
KJ8O	34	22	1,496	MI	LOW	
KI4VCT	51	28	1,400	VA	HIGH	
KJ4OAP	28	20	1,120	VA	LOW	
WC8Z	25	19	912	OH	LOW	
W0PAN	24	19	836	AZ	LOW	Arizona Outlaws Contest Club
K1PAR	22	18	756	ME	LOW	
KF7GYE	22	16	640	AZ	LOW	Arizona Outlaws Contest Club
KC4YBO	20	16	608	GA	LOW	
KR9E	33	18	594	IN	HIGH	
AB9XI	17	14	448	WI	LOW	
AK4EE	17	14	448	VA	LOW	
W8IDW	16	12	384	WV	LOW	
W5JNP	16	12	360	TX	LOW	North Richland Hills ARC
K2DSL	20	17	340	NJ	HIGH	Bergen ARA
WD8E	13	12	288	OH	LOW	
WA4JA/m	13	11	286	TN	LOW	Tennessee Contest Group
W4JHU	12	10	220	VA	LOW	
KC2TFI	16	15	210	NY	HIGH	
WA5SWN	11	9	198	KS	LOW	
AE2NG	10	8	160	NY	LOW	
W4PHS	13	11	143	TN	HIGH	Tennessee Contest Group
KB5DRJ	7	7	98	TX	LOW	
KD8GRG	7	7	84	MI	LOW	
N1WRK	6	6	72	MA	LOW	
W0JTC	6	6	72	VA	LOW	
KD0KJL	6	5	60	CO	LOW	
NX8G	6	4	48	OH	LOW	

N0ICV	4	4	32	IL	LOW	
W2RZS (WB2NVR)	5	5	25	NY	HIGH	RZS ARC
AE5NO	3	3	18	TX	LOW	
KC8VGG	1	1	2	MI	LOW	
KC7H	1	1	0	WA	LOW	

#### Multi Op Single Transmitter Mixed

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	QTH	PWR	CLUB	OPS
W8MJ	453	67	365	66	331,702	MI	LOW	Mad River Radio Club	+ spots
K0RC	369	67	54	32	156,024	MN	LOW	Minnesota Wireless Assn	+ spots
N2BJ	249	61	331	55	93,844	IL	HIGH	Society of Midwest Contesters	+ spots
N9AG	195	60	54	33	81,096	OH	LOW	Treaty City ARA	+ spots
W9IU	312	67	84	46	77,631	IN	HIGH	Society of Midwest Contesters	+ spots
AA1AR	199	65	24	19	70,896	MA	LOW		+ spots
N4ARO	144	56	54	30	58,824	TN	LOW	Tennessee Contest Group	+ spots
N4VV	153	54	28	19	48,034	TN	LOW	Tennessee Contest Group	+ spots
W4EE	135	51	42	24	45,600	MD	LOW	Potomac Valley Radio Club	+ spots
K6MM	87	46	13	12	20,184	CA	LOW	Northern California Contest Club	+ spots
N5KM	108	55	27	20	17,775	TX	HIGH	North Texas Contest Club	+ spots
W4ZW/0	133	55	4	4	15,340	CO	HIGH	Grand Mesa Contesters of Colorado	+ spots
N6WIN	74	38	37	22	11,100	CA	HIGH	Southern California Contest Club	+ spots
ND4V	35	23	18	13	6,192	GA	LOW	South East Contest Club	+ spots
W1EBI	57	36	3	2	4,446	MA	HIGH	Yankee Clipper Contest Club	+ spots
WM3O	24	18	11	10	3,304	MD	LOW	Potomac Valley Radio Club	+ spots

#### Multi Op Single Transmitter CW

CALL	CW-Q	CW-M	SCORE	QTH	PWR	CLUB	OPS
W6OAT	293	67	38,592	CA	HIGH	Northern California Contest Club	+spots
N6MA	239	67	31,758	AZ	HIGH	Northern Arizona DX Assn	+spots
K9EN	191	62	21,576	WI	HIGH		+spots
N5NA	148	58	17,168	TX	HIGH		+spots
NR1X	145	56	15,904	CT	HIGH	The Barnstormers Contest Group	+spots
N4GG	71	40	5,600	GA	HIGH	South East Contest Club	+spots
W6RKC	42	33	2,772	CA	HIGH	Mother Lode DX/Contest Club	+spots
W4JHC	27	20	2,080	LA	LOW		
W6SZN	26	22	1,144	CA	HIGH	Northern California Contest Club	+spots

#### Multi Op Single Transmitter SSB

CALL	SSB-Q	SSB-M	SCORE	QTH	PWR	CLUB	OPS
WW5R	114	40	9,040	TX	LOW		K5DAL, W5BL
KC2WUF	40	24	1,872	NJ	LOW		+spots
NE3M	31	17	986	OK	LOW		+spots

#### School Club

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	QTH	PWR	CLUB	OPS
K0HC	178	60	196	51	119,880	KS	LOW	Hesston College ARC	W0BH

### Canada Results

#### Single Op Mixed

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	PWR	CLUB
VA3DX	358	66	124	56	196,176	LOW	Contest Club Ontario
VA3DF	250	66	51	29	155,325	QRP	Contest Club Ontario
VE3RZ	328	67	30	22	119,082	LOW	Contest Club Ontario
VE4EAR	298	67	66	32	64,746	HIGH	
VE1OP	228	66	1	1	30,351	HIGH	Maritime Contest Club
VE2AWR	102	42	11	9	21,930	LOW	
VE3CX	112	55	45	26	20,817	HIGH	Contest Club Ontario
VA3WR	52	25	22	15	14,280	QRP	Contest Club Ontario
VE2FXL	90	45	20	16	11,834	HIGH	Contest Group du Quebec
VE6TL	60	38	24	21	8,378	HIGH	Alberta Clippers
VE3AUO	13	12	18	15	2,268	LOW	
VA3OR	21	15	4	4	1,710	LOW	
VE1ZA	17	15	8	8	897	HIGH	Maritime Contest Club
VE2GLA	4	4	4	4	144	LOW	
VE5BCS	1	1	12	11	120	LOW	

**Single Op CW**

CALL	CW-Q	CW-M	SCORE	PWR	CLUB
VE3KZ	493	67	129,444	LOW	Contest Club Ontario
VA1CHP	370	65	94,900	LOW	Maritime Contest Club
VE1RGB	241	64	60,160	LOW	Maritime Contest Club
VA3RJ	123	57	42,066	QRP	Contest Club Ontario
VE9AA	170	57	38,532	LOW	Maritime Contest Club
VE3CR	134	56	29,568	LOW	Contest Club Ontario
VE3OM	119	58	26,912	LOW	Contest Club Ontario
VE3UTT	144	58	16,008	HIGH	Contest Club Ontario
VA7ST	55	34	7,480	LOW	Orca DX and Contest Club
VE3EY	30	27	3,240	LOW	Contest Club Ontario
VE9HF	47	32	3,008	HIGH	Maritime Contest Club
VE1DT	45	30	2,580	HIGH	Maritime Contest Club
VE2FK	33	21	1,344	HIGH	Contest Group du Quebec
VE3FAL	8	8	336	QRP	

**Single Op SSB**

CALL	SSB-Q	SSB-M	SCORE	PWR	CLUB
VY2LI	298	59	17,228	HIGH	Maritime Contest Club
VA3OX	128	47	10,622	LOW	
VE3TU	66	32	4,160	LOW	Contest Club Ontario
VE3NB	54	31	3,286	LOW	Contest Club Ontario
VA3NPL	48	25	2,300	LOW	Contest Club Ontario
VA3WPV	26	16	1,248	QRP	
VE3MCF	25	19	950	LOW	
VE3AJ	12	11	242	LOW	Contest Club Ontario
VE3PYJ	10	10	200	LOW	
VE3GXW	2	2	8	LOW	

**Multi Op Single Transmitter Mixed**

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	PWR	CLUB	OPS
VE3XAT	43	29	3	3	5,568	LOW	Contest Club Ontario	+spots

**DX Results****Single Op Mixed**

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	PWR	CLUB
NP2X	186	57	40	26	33,532	HIGH	Florida Contest Group
DL5MC	127	56	9	8	32,384	LOW	
SO6I (SP6JIU)	113	43	18	15	27,028	LOW	SP DX Club
SP9LJD	77	41	157	47	25,960	HIGH	
DK2OY	119	56	13	12	16,796	HIGH	Bavarian Contest Club
SP1NY	64	35	9	9	11,704	LOW	SP DX Club
SM2M (SM2LIY)	115	46	4	3	11,466	HIGH	
SP6NIC	57	37	4	4	8,692	LOW	HKL "Wroclawskie Orleta"
DK5AI	61	42	2	2	5,016	HIGH	
DLØERF (DL5MC)	35	33	3	2	4,830	LOW	VFDB
SP4JCP	22	19	2	2	798	HIGH	SP DX Club
NP3CW	7	7	10	8	690	LOW	

**Single Op CW**

CALL	CW-Q	CW-M	SCORE	PWR	CLUB
HA8IB	162	62	38,440	LOW	HA-DX
OK2EC	101	45	16,560	LOW	Czech Contest Club
8P9AA (VE3DZ)	68	42	11,424	LOW	Contest Club Ontario
HK3Q	104	47	9,306	HIGH	
SP6OJE	82	30	8,760	LOW	
F5IN	77	41	5,822	HIGH	
PG2AA	44	29	4,408	LOW	Amsterdam DX Certificate club
SP1AEN	45	25	4,300	LOW	SP Contest Club
9A2EU	50	34	3,400	HIGH	Croatian Contest Club
HA2MN	33	21	2,604	LOW	Haros RC
SM5ACQ	30	22	2,552	LOW	SK5AA - Vasteras Radioklubb
IV3AOL	26	16	2,496	QRP	ARI Trieste
PA3ØLOU (PAØLOU)	45	30	2,340	HIGH	

LZ1DNY	24	19	1,748	LOW	
UR5MM	20	15	1,200	LOW	CW-ops
OZ4FF	22	14	1,008	LOW	
SM5CIL (SM7CIL)	28	13	728	HIGH	
OZ4CG	15	12	672	LOW	
F8BFU	12	9	432	LOW	
SP5JTF	12	9	270	QRP	
SM5QU	8	8	256	LOW	
SP2AVE	10	7	252	LOW	SP DX Club
RV2FW/1	10	9	180	HIGH	UA2 Contest Club
LY9A	6	6	144	LOW	Kaunas UTRC
UA3VVB	6	6	144	LOW	Vladimir Radio Club
SQ5M	5	4	80	LOW	
SM6Z (SM6BZE)	4	3	48	LOW	
UT5UIA	4	4	32	HIGH	
LY2J	3	2	12	HIGH	Kaunas UTRC

### Single Op SSB

CALL	SSB-Q	SSB-M	SCORE	PWR	CLUB
HI3FVA	69	35	3,780	LOW	Loma Del Toro DX Club
WP3GW	31	25	1,450	LOW	
EA3ELZ	33	29	841	HIGH	
EA3LD	7	6	72	LOW	

### Multi Op Single Transmitter Mixed

CALL	CW-Q	CW-M	SSB-Q	SSB-M	SCORE	PWR	CLUB	OPS
I4VEQ	187	61	131	50	54,057	HIGH		+spots
S53M	37	24	1	1	1,875	HIGH	Slovenia CC	S51FB, spots

### Multi Op Single Transmitter CW

CALL	CW-Q	CW-M	SCORE	PWR	CLUB	OPS
DL8USA	116	55	12,320	HIGH		+spots
SM6CNN	31	22	1,320	HIGH		+spots
SM5D	8	7	112	HIGH	SLØZG	SM5DJZ, spots

### Check Logs (thanks!)

AA4GT (CW)	DL8USA (SSB)
HA5HRK	K1BV (SSB)
K5PI (SSB)	K5WW
K7BG (SSB)	KAØP (SSB)
KC9TTR	KY7K
S51F	VA7ST (SSB)
W2OX (CW)	W4ZW/7 (SSB)
W9OL	

### Club Competition Results

FLORIDA CLUB	SCORE	ENTRANTS	
Florida Contest Group (FCG) - SPONSOR	11,772,628	52	
Suncoast ARS	379,774	2	
Sportman's Paradise ARC	356,136	1	
Platinum Coast ARS	229,628	1	
Silver Springs Radio Club	91,140	1	
Maranatha ARC	45,666	1	
ARA of SW FL	35,620	1	
Florida East Coast DX Club	23,358	1	
North FL DX Assn	5,832	1	
Panama City ARC	4,446	1	
Orlando ARC	3,286	1	
USA CLUB	SCORE	ENTRANTS	QTH
Mad River Radio Club	468,274	10	MI/OH
Tennessee Contest Group	466,355	19	TN/FL
Society of Midwest Contesters	393,203	8	IL/IN/WI
Minnesota Wireless Assn	389,957	7	MN/WI



Alabama Contest Group	386,112	6	FL/AL
Weekend Warriors	281,936	1	PA
Central Texas DX and Contest Club	224,574	4	TX
Potomac Valley Radio Club	211,368	8	VA/MD/DC
Frankford Radio Club	167,672	4	PA/NJ
Yankee Clipper Contest Club	137,258	6	NH/MA/CT/ME
South East Contest Club	120,764	7	GA
Hesston College ARC	119,880	1	KS
Big Bend ARC	94,900	1	TX
Northern California Contest Club	89,768	8	CA
Treaty City ARA	81,096	1	OH
Metro DX Club	80,352	2	IL
CTRI Contest Group	75,474	2	RI
Northeast Wisconsin DX Assn	72,240	1	WI
Grand Mesa Contesters of Colorado	71,417	3	WY/CO
Willamette Valley DX Club	52,000	1	OR
Allegheny Valley Radio Assn	41,038	1	PA
Northern Arizona DX Assn	31,758	1	AZ
Northern Rockies DX Assn	29,344	1	MT
West Allis RAC	25,704	1	WI
Southwest Ohio DX Assn	23,760	1	OH
Delaware ARA Contest Team	18,096	1	OH
North Texas Contest Club	17,775	1	TX
Rochester (NY) DX Assn	16,912	1	NY
The Barnstormers Contest Group	15,904	1	CT
West Park Radiops	14,608	1	OH
Southern California Contest Club	13,262	2	CA
Paducah ARA	11,424	1	KY
Radio Assn of Erie	11,200	1	PA
Arizona Outlaws Contest Club	7,568	6	AZ
Hudson Valley Contesters and DXers	7,560	1	NY
Sterling Park ARC	6,880	1	VA
Missouri DX/Contest Club	6,665	1	MO
Western Washington DX Club	6,392	1	WA
Mecklenburg ARS	4,686	1	NC
Carolina DX Assn	3,484	1	NC
North Carolina DX and Contest Club	3,132	1	NC
Mother Lode DX/Contest Club	2,772	1	CA
Midwest Contesters	1,950	1	IL
Loudoun Amateur Radio Group	1,120	1	VA
Iowa DX and Contest Club	896	1	IA
North Richland Hills ARC	360	1	TX
Bergen ARA	340	1	NJ
RZS ARC	25	1	NY
Vienna Wireless Society	24	1	VA

<b>CANADIAN CLUB</b>	<b>SCORE</b>	<b>ENTRANTS</b>	<b>QTH</b>
Contest Club Ontario	779,898	17	
Maritime Contest Club	247,656	8	NS, NB, PEI
Contest Group du Quebec	13,178	2	
Alberta Clippers	8,378	1	
Orca DX and Contest Club	7,480	1	BC

<b>DX CLUB</b>	<b>SCORE</b>	<b>ENTRANTS</b>	<b>QTH</b>
SP DX Club	39,782	4	
HA-DX	38,440	1	
Bavarian Contest Club	16,796	1	DL
Czech CC	16,560	1	OK
HKL "Wroclawskie Orleta"	8,692	1	SP
VFDB	4,830	1	DL
Amsterdam DX Certificate Club	4,408	1	PA
SP Contest Club	4,300	1	
Loma Del Toro DX Club	3,780	1	HI
Croatian Contest Club	3,400	1	9A
Haros RC	2,604	1	HA
SK5AA - Vasteras RC	2,552	1	SM
ARI Trieste	2,496	1	I
YO DX Club	2,160	1	

Slovenia CC	1,875	1	S5
CW-ops	1,200	1	
UA2 Contest Club	180	1	
Kaunas UTRC	156	2	LY
Vladimir RC	144	1	UA3
SLØZG	112	1	SM

## FQP Statistics

### Top QSOS/Mults by Band/Mode

#### Non Florida

40 CW		20 CW		15 CW		10 CW		CW QSOS	
K7SV	123	VE3KZ	365	NP2X	19	F5IN	1	VE3KZ	493
VE3KZ	121	NS9I	350	S53M	17	K4ORD	1	W8MJ	453
W8MJ	115	W8MJ	336	W7YAQ	16	KU8E	1	NS9I	443
K4BSK	113	K9CT	310	I4VEQ	15	NP2X	1	K9CT	432
K9CT	113	K3WW	303	NU6N	14			WA3HAE	389
		VA1CHP	303	WN6K	14				

40 SSB		20 SSB		15 SSB		10 SSB		SSB QSOS	
N4PN	145	W8MJ	336	I4VEQ	14	(NONE)		W8MJ	365
AC5O	131	N2BJ	303	N7LD	9			N2BJ	331
K8JQ	65	VY2LI	295	WO7V	2			VY2LI	298
KU8E	64	WA3HAE	263					WA3HAE	280
WW5R	47	WA5ZUP	182					WA5ZUP	198

CW COUNTIES		SSB COUNTIES		TOT COUNTIES		TOTAL QSOS	
18 SWEEPS	67	WA3HAE	67	WA3HAE	134	W8MJ	818
		W8MJ	66	W8MJ	133	WA3HAE	669
		VY2LI	59	K3WW	123	N2BJ	580
		KTØDX	57	VA3DX	122	K3WW	554
		K3WW	56	N2BJ	116	VE3KZ	493
		VA3DX	56				

#### Florida Fixed Stations

40 CW		20 CW		15 CW		10 CW		CW QSOS	
N4BP	351	N4BP	660	N4BP	71	N4CJ	8	N4BP	1082
N4TB	346	N4TB	573	N4TB	56	WJ9B	8	N4TB	975
WJ9B	321	WK2G	452	WK2G	39	K4ZK	5	WJ9B	777
N4UU	287	N4IG	436	WD4AHZ	32	K4MTI	4	WK2G	771
WK2G	276	WD4AHZ	430	K2EK	31	K4PB	4	N4UU	735
				WK2G	4				

40 SSB		20 SSB		15 SSB		10 SSB		SSB QSOS	
N7EO	171	AA4GT	880	K2EK	23	K4ZK	5	AA4GT	883
W4LT	171	K2EK	655	K4FC	10	N4CJ	4	K2EK	733
W4GMH	163	KM4HI	583	N4WZ	10	W4LT	3	KM4HI	656
K4FLV	155	K4ZK	502	K4ZK	8	NØRZT	2	K4ZK	628
K4JC	155	N4WZ	478	KF4DVG	4	5 TIED W/	1	N4WZ	622

CW MULTS		SSB MULTS		TOT MULTS - FL		TOT QSOS - FL	
N4CJ	105	K9ES	82	K4ZK	181	K2EK	1332
K4ZK	102	K4ZK	79	N4CJ	181	K4ZK	1212
N4BP	93	N4CJ	76	K9ES	160	N4BP	1082
WO4O	91	KM4HI	70	K2EK	143	W4LT	1015
WK2G	85	K2EK	68	W4LT	139	N4UU	984

### Overall Logs Received:

	<b>HIGH</b>	<b>LOW</b>	<b>QRP</b>	<b>TOT</b>
CW	37	249	19	305
MIX	44	73	4	121
SSB	17	108	17	142
M/S	20	224	0	244
M/M	0	38	0	38
School	0	1	0	1
Check logs				15
<b>TOTALS</b>	<b>118</b>	<b>693</b>	<b>40</b>	<b>866</b>

### Historical Log Breakdown by Area

	<b>2011</b>	<b>2010</b>	<b>2009</b>	<b>2008</b>	<b>2007</b>	<b>2006</b>	<b>2005</b>	<b>2004</b>	<b>2003</b>
FL Mobiles	435	470	<b>514</b>	398	428	418	231	356	324
FL Fixed	84	99	105	90	92	98	81	<b>110</b>	96
USA	253	270	<b>287</b>	280	197	189	217	187	189
VE	84	36	<b>48</b>	37	37	31	31	25	20
DX	<b>53</b>	28	33	21	24	19	29	28	<b>33</b>
<b>TOTAL</b>	<b>866</b>	<b>903</b>	<b>987</b>	<b>826</b>	<b>778</b>	<b>755</b>	<b>589</b>	<b>706</b>	<b>662</b>

Previous Years: 2002-450      2001-404      2000-294      1999-215      1998-229