



ARRL IARU HF Championship 2011 Results

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We've come a long way...

The July 2011 running of the IARU HF World Championship was very similar to the July 1998 event – both were during the initial ascent of a solar cycle – Cycle 23 for the 1998 contest and Cycle 24 for the 2011 contest.

So what's happened to this increasingly popular summer contest in the last 13 years? The most obvious difference is the number of logs submitted. Back in 1998 there were 1340 log submittals. The 2011 event ended up with 3676 log submittals. That's almost a three-fold increase in participation that gives everyone that many more people to work (and don't forget that translates into more stations to work on all the bands and on the two modes, too).



Gayle, K6GO/ZF2GO (L) and Anna, W6NN/ZF2LL (R) joined Joe, W6VNR/ZF2AH to put the Cayman Amateur Radio Society (CARS) HQ station, ZF1A, on the air for IARU. They used the club shack and excellent antenna farm on ZF1EJ's property to give out the CARS HQ multiplier in Zone 11. Outside the contest Gayle, Joe, and Anna spent time relaxing on Seven Mile Beach on the west side of the island. (Photo by Anna W6NN/ZF2LL)

With more logs submitted, one would expect higher scores in 2011 compared to 1998. Indeed, the scores are higher as can be seen in **Figure 1** (the shading indicates the year with the highest total) except for the World

Phone category. (I assumed High Power for 2011 whereas the 1998 contest did not delineate power.) But I also believe operator skill, available operator tools, and station improvements have pushed scores higher in the 13 years since 1998.

Figure 1 – Scores in 1998 and 2001

Category	Year	
	1998	2011
World Mixed	2,277,587	4,281,588
W/VE Mixed	2,137,960	2,989,540
World Phone	2,583,504	2,249,190
W/VE Phone	1,314,423	1,314,975
World CW	2,768,640	3,200,313
W/VE CW	2,067,062	2,216,578
World Multi-Op	5,481,752	7,236,873
W/VE Multi-Op	1,796,005	2,390,710

From Novice Roundup to IARU

Jim, N1RU posted this to the Soapbox area on the ARRL web site about IARU 2011 – *This was the first contest that I'd entered since the 1981 Novice Roundup. I had a great time. After nearly 20 years off the air, I'm back on HF with a QRP signal and an attic antenna. I'm enjoying ham radio as much as ever, and I'm looking forward to my next contest.*

Jim participated in the 1981 ARRL Novice Roundup (NR) as a Technician with the call N3BLZ/T from Maryland-DC. He made 53 QSOs in 29 sections and operated a total of 10 hours: In 1981 the NR was 9 days long and you could operate a total of 30 hours. Welcome back to contesting, Jim!

The old NR was a great event geared towards Novices and Technicians to whet their appetite to contesting, to increase their WAS and DXCC totals, and to increase their code speed. I can vouch that all three of these enticements worked based on my participation in the 1962 NR.

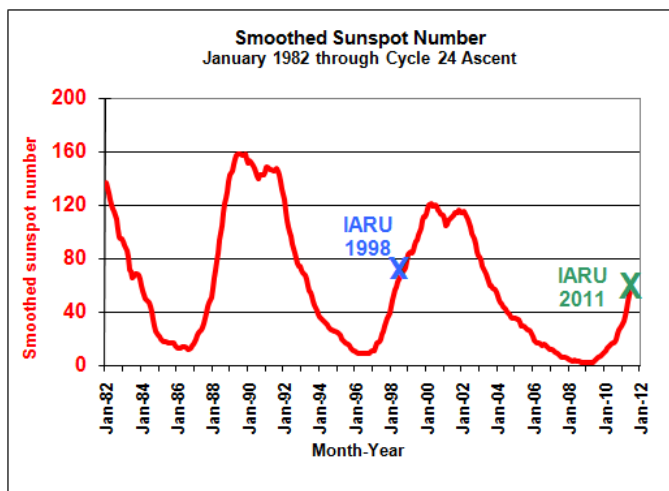


Figure 2

Propagation

Figure 2 depicts “where we are” and “where we were”. As Cycle 24 continues its ascent, we will experience better propagation. The July 2011 running of the IARU contest took advantage of the improved conditions on the higher bands. Figure 2 shows Cycle 24 is on the increase but what’s not certain is how high it will go. Most solar scientists believe it will be below average with a peak smoothed sunspot number of 90 in early 2013.

The 10.7 cm solar flux hovered around 90 for the contest weekend. That’s not bad but being in the summer months doesn’t help the maximum useable frequency (MUF) on the higher bands as much as it would help in the fall, winter, and spring months.

There were a couple B-Class solar flares (the smallest ones on the B, C, M, and X scale) on the 9th and 10th but their effect was minimal. The K index was well-behaved for the most part – mostly 3 and under from 1200 UTC on July 9 to 1200 UTC on July 10. The K indices were a bit higher than on previous days due to a high-speed stream of material from a coronal hole.

Overall, we had pretty decent space weather for the 2011 contest which resulted in pretty decent propagation. Next year should be better with even higher solar flux/sunspot numbers (barring a major solar eruption that would adversely affect the ionosphere).

2011 Participation Statistics

Logs – As mentioned above, the 2011 event had 3676 logs submitted, containing over 1.2 million QSOs. There were almost 1.4 million QSOs in 2010 – no doubt WRTC 2010 in Russia helped here. The 2011 event

didn’t break last year’s record number of logs of 3714 but it wasn’t far behind (only 1% lower). Figure 3 shows a steady increase in log submittals each year.

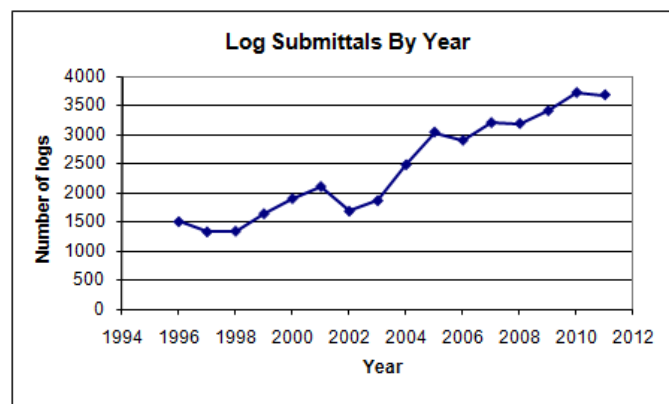


Figure 3

Zones – Participants from 52 ITU zones submitted logs for the contest. Zone 28 (eastern and southern Europe) led the pack with the most submitted logs – approximately 30% of the logs submitted came from Zone 28. Zone 29 (the old European Russia) was a distant second (approximately 13% of the logs). Rounding out the Top Five was Zone 8 (east coast of North America), Zone 27 (northwestern Europe), and Zone 45 (Japan). Figure 4 is log submittals by zone for the zones with the ten most submittals.

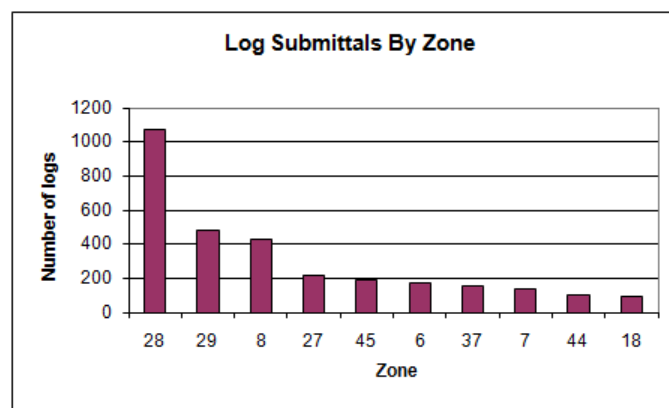


Figure 4

Category, Mode, and Power – With respect to category, CW Low Power was the most popular at just over 21% of the participants. Phone Low Power was next with just under 20% of the participants. In third was Mixed Low Power (15.5%), and in fourth was Multi-Op with just under 15%. Only 48 and 47 contesters braved Mixed QRP and Phone QRP, respectively.

By mode, CW led the group, Phone was second, and Mixed was last.

By power, Low Power won handily with over 56% of the participants running barefoot. High Power was second with about 24% of the participants and QRP was third with about 6%.

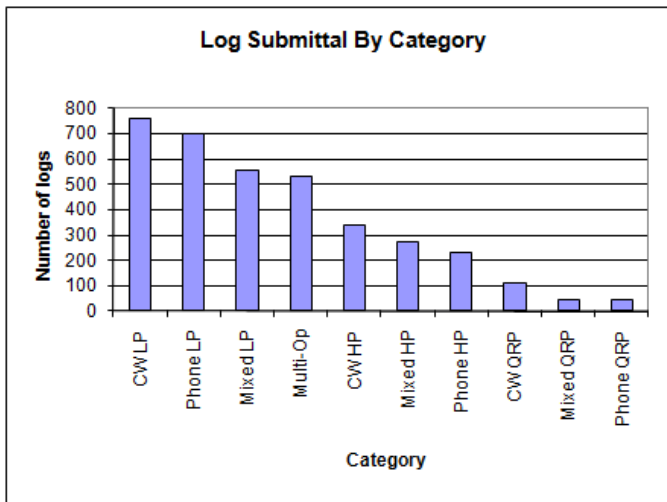


Figure 5

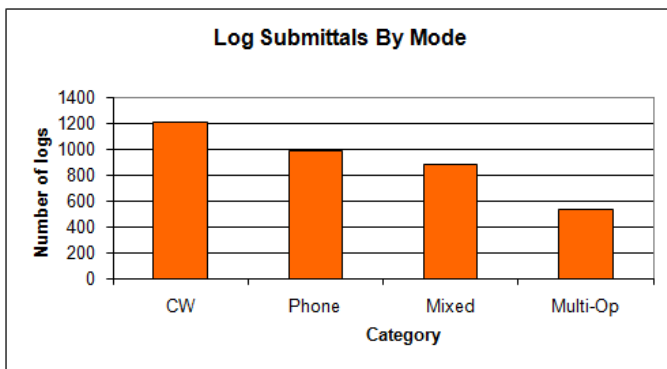


Figure 6

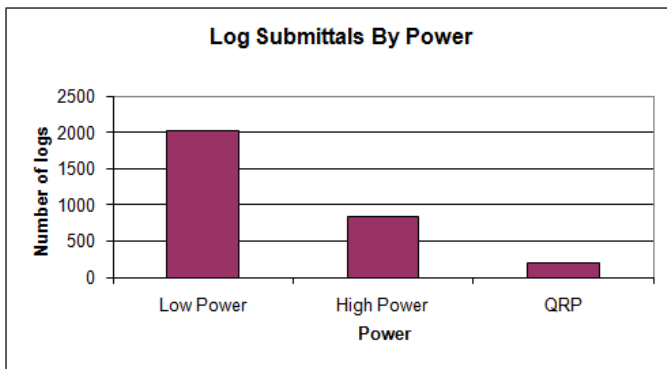


Figure 7

Bands – As expected from previous years' results, 20 meters had the most QSOs – almost one half of the total. Coming in second for the total of QSOs was 40 meters at about 20% and 15 meters was right behind at 18.4%. With increased solar activity, 10 meters (7.3%) beat out

80 meters (6.4%). As expected, 160 meters was the least-used band at 1.2%.

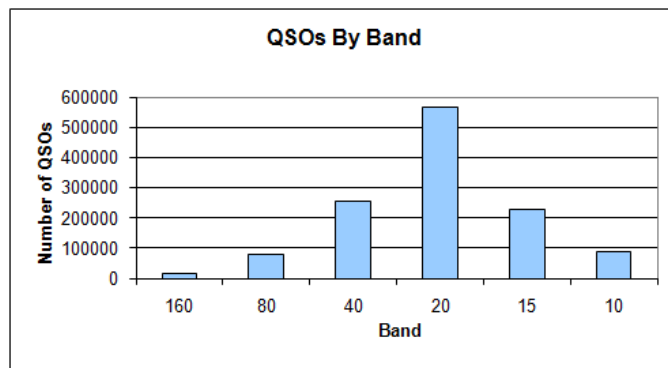


Figure 8

Records

Figure 9 shows the four new records set in the 2011 event. (Records set in 2011 are shaded.) One was a new World record and the other three were W/VE records. Way to go, everyone!

IARU HF Championship Records			
<i>World Records</i>	<i>Call</i>	<i>Score</i>	<i>Year</i>
Single-Op HP Mixed	3V1A	4,414,517	2007
Single-Op LP Mixed	HG3M (HA3MY op)	2,095,522	2004
Single-Op QRP Mixed	HG5Y	1,067,647	2007
Single-Op HP Phone	CN2R (W7EJ op)	4,718,736	2005
Single-Op LP Phone	D4C	2,975,632	2008
Single-Op QRP Phone	HG1W (HA1WD op)	348,517	2007
Single-Op HP CW	5B/W2TAA (RV1AW op)	4,219,995	2010
Single-Op LP CW	HA8DU	2,278,782	2006
Single-Op QRP CW	HA5KDQ (HA7ANT op)	1,412,260	2006
Multioperator	P33W	7,236,873	2011
<i>W/VE Records</i>			
Single-Op HP Mixed	VY2ZM (K1ZM op)	2,989,540	2011
Single-Op LP Mixed	VE3DZ	1,196,192	2011
Single-Op QRP Mixed	NØKE	187,590	2008
Single-Op HP Phone	KH6ND	2,257,190	2002
Single-Op LP Phone	W4SVO	633,060	2011
Single-Op QRP Phone	KC5R	172,080	2007
Single-Op HP CW	VY2ZM (K5ZD op)	2,631,694	2005
Single-Op LP CW	W1RM	1,135,630	2010
Single-Op QRP CW	W2GD	427,392	2009
Multioperator	W1AW/4	10,720,370	2000

Figure 9

The World Multi-Op record by P3A in 2003 was broken by P33W. One of the P33W ops, RW4WR, was also on the 2003 P3A team.

The W/VE Mixed High Power record by KQ2M in 2001 was beaten by VY2ZM (K1ZM). Interestingly, the VY2ZM station now holds two W/VE records – CW High Power in 2005 when K5ZD keyed this fine station to a win and now K1ZM operating his own station in 2011.

VE3DZ decided to go after his old 2009 record in W/VE Mixed Low Power and squeaked by it by 1.5% (1,179,150 in 2009 versus 1,196,192 in 2011).

Finally, the W/VE Phone Low Power record by N1UR set in the 2010 event fell to W4SVO by a decent amount – 7%.

Figure 10 shows the number of new records broken by year starting with the 2005 contest since it was the first year with separate High Power, Low Power, and QRP categories.

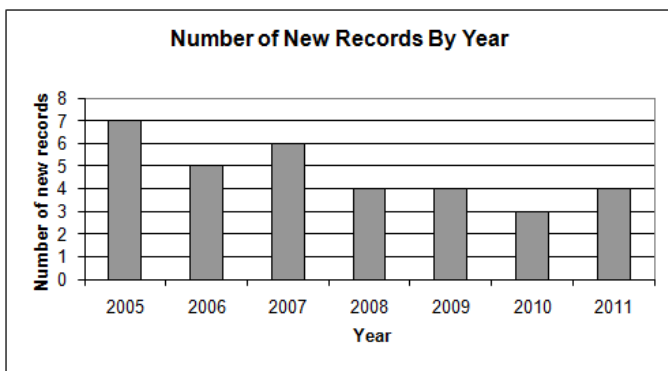


Figure 9

As expected, the chart shows that more new records fell in the early years and it's getting tougher to set new records. Nevertheless, review these results and think about taking a shot at a new record next year. You may have to improve your antenna farm to do it but you have several months to get ready.

Multi-Op Results

In the World Multi-Op race, the crew at P33W (5B4AIE, RW4WR, RA3AUU) used their Zone 39 to advantage in their win over the crew at RT4F (RK4FF, UA4FER, RG4F). P33W came in at 7.2 Meg, while RT4F came in at 4.5 Meg.

In the W/VE Multi-Op battle, the NN3W team (NN3W, KD4D, N3HBX, K3MM, KE3X) in Maryland-DC bested the NØNI team (NØNI, KU1CW, NØXR, NUØQ, WØFLS, W7FB, NØAC) in Iowa by over 27%. This is a good example of the advantage obtained by being closer to Europe.

Mixed Results

The World Mixed QRP chase ended up with HA8BE at 512K beating R3VA at 329K.

The W/VE Mixed QRP competition had K8ZT in Ohio beating NN7SS (operated by K6UFO) in Western Washington. Again, being closer to Europe certainly has its advantages.

The World Mixed Low Power category was won by LY9A over S53MM. The W/VE Mixed Low Power category had VE3DZ slipping by N8OO.

The World Mixed High Power results show CN3A (operated by IK2QEI) in Zone 30 upending UPØL in Zone 30. The W/VE Mixed High Power results give first place to VY2ZM (with K1ZM operating) and second place to VE3EJ.

Phone Results

In an all-Hungarian one-two finish, HG1W (op HA1WD) talked his way to the World win in Phone QRP over fellow countryman HA5BKV (op HA5NB). In the battle of the coasts in W/VE Phone QRP race, W6QU (with W8QZA at the mic) in California took top honors from NT4TS in Florida.

The World Phone Low Power category was won by ZX2B over UV8M (UX3MR op). The W/VE Phone Lower Power category was won by W4SVO – he beat K1WO.

In High Power, the World Phone race ended with PP5XX in Brazil over ES5RW in Estonia. The W/VE Phone High Power battle between W7WA in Western Washington and KK1KW in New Hampshire violated the “closer to Europe” rule – W7WA came in at 1.3 Meg while KK1KW only had 996K.

CW Results

The World CW QRP competition was a close one with UR9QQ topping OK3C (OK2ZC at the key) by only 8%. In the W/VE CW QRP category, VE3GTC (Ontario) beat KØPK (Minnesota) in a northern-tier battle.

In World CW Low Power, ZC4LI dit-dah’ed his way to a victory over UX4U (op US7UX). In W/VE CW Low Power, W1NN was the winner from Ohio ahead of K2SS.

The World CW High Power race was a close race indeed. When the Morse dust settled, CR6K (keyed by CT1ILT) beat PJ4C (keyed by N5WR) by only 8%. CR6K ended up with 3,200,313, while PJ4C scored 2,967,030.

Golden Logs

Accurate operating continues to get more and more notice with each passing contest. In IARU 2011, 62 stations had “golden logs” containing 100 or more contacts without a copying error. The largest golden log was submitted by WO3Z with 442 QSOs closely pursued by LY3CY with 434 QSOs. The table lists the 20 largest golden logs – can you crack that pileup?

Call	Final QSOs	Final Score
WO3Z	442	139,968
LY3CY	434	100,080
OK1FCA	374	115,964
SP4SHD	369	110,011
VE3FH	357	127,252
JA3IKG	305	128,455
WF4W	266	64,124
LZ1DM	263	60,884
SP3DOF	233	76,676
HG5O (HA5OB, op)	232	45,752
LY4T	230	66,120
RA3DGH	221	39,278
SM7CIL	220	58,560
EA3AVV	209	59,225
VA6AM	204	25,284
W1TO	200	51,504
OE3DMA	198	47,520
AB2E	190	34,056
UU1JE	188	24,544
F5UL	185	20,862

2012 Contest

Per the rules, the IARU HF World Championship is held on the second full weekend in July. For 2012 that puts it on July 14 and 15. I hope to hear you on!

Corrections

Version 1.4 and 1.5 – The Southwestern Division's Multioperator winner was omitted – that was N7AT with 452,187 points. Also, because KH6ZM is scored as DX, WINN was the actual winner of the W/VE CW Low Power category.

Top Ten - US & Canada	
Call	Score
Single Operator, Mixed Mode, QRP	
K8ZT	112,592
NN7SS (K6UFO, op)	72,242
KS4X	21,632
W9XN	11,100
ND3D	8,658
Single Operator, Mixed Mode, Low Power	
VE3DZ	1,196,192
N8OO	1,036,350
K2PO	487,277
K9OM	431,148
NR3X (N4YDU, op)	387,660
W9IU	351,650
N7ZG	317,312
AD4Z	312,984
VE1ZA	237,690
W1WBB	226,980
Single Operator, Mixed Mode, High Power	
VY2ZM (K1ZM, op)	2,989,540
VE3EJ	2,544,638
K3CR (LZ4AX, op)	2,494,800
N5DX	2,395,215
NK7U (KL9A, op)	1,921,539
W2GD	1,582,725
K3ZO	1,478,304
K7RL	1,456,730
W4AN (K4BAI, op)	1,425,936
K6XX	1,126,816
Single Operator, Phone Only, QRP	
W6QU (W8QZA, op)	39,375
NT4TS	21,294
KC5WA	8,502
VA7IR	4,375
VA3WV	3,332
N6LB	1,020
KD4OFG	960
N8XA	900
AA2VK	209
N6RWT	116
Single Operator, Phone Only, Low Power	
W4SVO	633,060
K1WO	110,445
K5DHY	83,904
W5GFI	78,806
VA3GKO	65,504
N8RF	47,988
WBØTSR	42,918
K4WES	38,252
K3FIV	37,520
VE2HIT	34,880

Single Operator, Phone Only, High Power	
W7WA	1,314,975
KK1KW	996,060
WB9Z	799,755
K5ER	293,454
N2RJ	259,000
KM2O	239,580
K9MWM	169,944
NN4F	145,530
K7LY	135,920
AC8G	133,868
Single Operator, CW Only, QRP	
VE3GTC	100,580
KØPK	80,301
K4QPL	71,024
W5GAI	28,221
AI9K	27,898
KK1W	25,694
VA3RJ	13,275
N3CZ	12,246
N8XX	11,886
K5TA	10,152
Single Operator, CW Only, Low Power	
W1NN	576,774
K2SSS	533,822
VA1CHP	531,632
VE1RGB	492,072
WI2E	423,984
WB4TDH	389,973
KB1T	388,700
KV8Q	325,872
VE3EY	322,230
N2GA	311,454
Single Operator, CW Only, High Power	
K8PO	2,216,578
AA3B	2,061,210
WC1M	1,762,736
N2IC	1,710,859
NY3A	1,690,242
N4OGW	1,421,192
N9RV	1,389,617
K9NW	1,093,260
K5TR (K5OT, op)	1,066,338
N4AF	1,011,675
Multioperator	
NN3W	2,390,710
NØNI	1,878,170
KØRF	1,774,150
K8AZ	1,743,605
NX5M	1,738,100
NR4M	1,557,612
W1UJ	1,536,270
K2LE	1,296,012
WT1T	1,174,187
N1LN	1,117,185

Top Ten - DX	
Call	Score
Single Operator, Mixed Mode, QRP	
HA8BE	520,905
R3VA	328,933
US2IZ	231,568
SP4GFG	181,350
RW7M	159,555
CT7/LZ3ND	155,064
9A2EY	148,992
SP5DDJ	120,704
LY4BF	120,523
UT5EO	108,862
Single Operator, Mixed Mode, Low Power	
LY9A	1,536,954
S53MM	1,240,680
RWØA (RAØAM, op)	1,223,592
LY4L	1,085,696
JTØYPS (UA9YPS, op)	1,045,302
Z1SJ	1,005,916
RW9C	948,090
PY2SEX	936,792
MJØCFW (JK3GAD, op)	797,370
EW1IP	766,820
Single Operator, Mixed Mode, High Power	
CN3A (IK2QEI, op)	4,281,588
UPØL	3,627,600
RG9A	3,621,264
UP2L (UA9BA, op)	3,553,932
UU7J (UU4JMG, op)	3,135,114
RG3K	3,080,916
R9DX	3,004,410
ES5TV	2,771,454
OM3BH	2,576,284
RL3A (RL3FT, op)	2,505,528
Single Operator, Phone Only, QRP	
HG1W (HA1WD, op)	298,284
HA5BKV (HA5NB, op)	182,864
TG9ANF	145,432
SP4LVK	106,368
IV3AOL	83,974
IZ1JLF	59,994
OK4AS	45,479
MØLPT	38,024
US5IND	36,672
I5KAP	29,548
Single Operator, Phone Only, Low Power	
ZX2B	740,624
UV8M (UX3MR, op)	705,572
HA3DX (HA4XH, op)	653,691
KP2/AA1BU	632,487
RW1CW	622,557
IW1QN	543,982
CR5M (CT1DHM, op)	542,304
UA3BL	416,355
HI3TEJ	399,312
EA2DT	398,520

Single Operator, Phone Only, High Power	
PP5XX	2,249,190
ES5RW	1,781,472
US5D (UT7DX, op)	1,511,486
EA4KD	1,377,068
UXØFF	1,373,157
YO3CZW	1,172,947
F4BKV	952,754
EA1PP	909,792
RC5A	890,568
IR8C	849,120
Single Operator, CW Only, QRP	
UR9QQ	595,629
OK3C (OK2ZC, op)	551,050
UU2CW	499,083
HA6NL	481,580
RA3AN	425,500
UA6LCJ	210,456
DD1IM	176,547
UA6AK	152,963
LZ1MG	142,884
UX8ZA	131,068
Single Operator, CW Only, Low Power	
ZC4LI	1,810,575
UX4U (US7UX, op)	1,538,840
YT3M	1,440,283
LZ3FN	1,408,365
EF3A (EF3AØ, op)	1,388,860
FP/VA2WA (VA2WDQ, op)	1,093,791
LZ9R (LZ3YY, op)	999,926
LY6A	998,244
RA9AP	905,532
OK2ZI	893,329
Single Operator, CW Only, High Power	
CR6K (CT1ILT, op)	3,200,313
PJ4C (N5WR, op)	2,967,030
ST2AR	2,948,268
LZ8E (LZ2BE, op)	2,731,750
UT5UGR	2,629,566
TA2ZF (UT5UDX, op)	2,387,952
UW1M (UR5MW, op)	2,212,116
YU1LA	2,206,413
UW3U (UT7UJ, op)	2,114,637
S52OP	2,089,516
Multioperator	
P33W	7,236,873
RT4F	4,483,534
UZ2M	4,331,353
C49C	3,780,324
HG6N	3,497,364
4O3A	3,323,571
SN3R	3,305,904
PS2T	3,059,442
PJ4C (N5WR, op)	2,967,030
RM5A	2,816,105

Top Ten - Worldwide	
Call	Score
Single Operator, Mixed Mode, QRP	
HA8BE	520,905
R3VA	328,933
US2IZ	231,568
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LY4L	1,085,696
JTØYPS (UA9YPS, op)	1,045,302
N8OO	1,036,350
7Z1SJ	1,005,916
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TG9ANF	145,432
SP4LVK	106,368
IV3AOL	83,974
IZ1JLF	59,994
OK4AS	45,479
W6QU (W8QZA, op)	39,375
MØLPT	38,024
US5IND	36,672
Single Operator, Phone Only, Low Power	
ZX2B	740,624
UV8M (UX3MR, op)	705,572
HA3DX (HA4XH, op)	653,691
W4SVO	633,060
KP2/AA1BU	632,487
RW1CW	622,557
IW1QN	543,982
CR5M (CT1DHM, op)	542,304
UA3BL	416,355
HI3TEJ	399,312

Single Operator, Phone Only, High Power	
PP5XX	2,249,190
ES5RW	1,781,472
US5D (UT7DX, op)	1,511,486
EA4KD	1,377,068
UXØFF	1,373,157
W7WA	1,314,975
YO3CZW	1,172,947
KK1KW	996,060
F4BKV	952,754
EA1PP	909,792
Single Operator, CW Only, QRP	
UR9QQ	595,629
OK3C (OK2ZC, op)	551,050
UU2CW	499,083
HA6NL	481,580
RA3AN	425,500
UA6LCJ	210,456
DD1IM	176,547
UA6AK	152,963
LZ1MG	142,884
UX8ZA	131,068
Single Operator, CW Only, Low Power	
ZC4LI	1,810,575
UX4U (US7UX, op)	1,538,840
YT3M	1,440,283
LZ3FN	1,408,365
EF3A (EF3AØ, op)	1,388,860
FP/VA2WA (VA2WDQ, op)	1,093,791
LZ9R (LZ3YY, op)	999,926
LY6A	998,244
RA9AP	905,532
OK2ZI	893,329
Single Operator, CW Only, High Power	
CR6K (CT1ILT, op)	3,200,313
PJ4C (N5WR, op)	2,967,030
ST2AR	2,948,268
LZ8E (LZ2BE, op)	2,731,750
UT5UGR	2,629,566
TA2ZF (UT5UDX, op)	2,387,952
K8PO	2,216,578
UW1M (UR5MW, op)	2,212,116
YU1LA	2,206,413
UW3U (UT7UJ, op)	2,114,637
Multioperator	
P33W	7,236,873
RT4F	4,483,534
UZ2M	4,331,353
C49C	3,780,324
HG6N	3,497,364
4O3A	3,323,571
SN3R	3,305,904
PS2T	3,059,442
RT5G	2,831,444
RM5A	2,816,105

IARU Headquarters Stations			
Call	Score	QSOs	Mults
EF8HQ	30,651,384	15,059	424
TMØHQ	23,810,650	15,716	461
DAØHQ	21,113,400	21,052	457
E7HQ	20,267,600	15,612	460
IOxHQ	18,988,222	15,641	458
GR2HQ	18,512,482	13,818	433
S5ØHQ	16,988,872	13,188	452
9AØHQ	16,985,553	13,787	447
SNØHQ	16,432,796	14,230	463
YU8HQ	15,655,434	13,365	438
OL1HQ	15,120,864	12,676	432
EM5HQ	13,737,360	11,084	420
4X3HQ	13,030,982	7,818	359
HGØHQ	12,545,687	11,087	427
OE1A	12,295,010	10,872	413
LXØHQ	11,639,625	9,387	375
YRØHQ	9,955,200	9,736	408
LRØF	9,919,408	6,356	331
LZ7HQ	9,848,930	9,860	395
OZ1HQ	8,893,800	7,533	360
OH2HQ	8,383,503	7,259	361
LYØHQ	8,096,368	7,753	368
NU1AW/5	8,066,936	8,180	332
W1AW/6	7,158,570	8,873	282
8NxHQ	6,313,300	9,274	311
LN2HQ	6,195,658	5,750	331
OPØHQ	5,955,264	5,748	336
R3HQ	5,672,674	6,247	322
HB9HQ	5,518,464	6,990	336
SXØHQ	5,040,704	7,102	328
BxHQ	4,779,216	4,658	276
SK9HQ	4,746,834	4,814	307
CX1AA	3,048,108	2,596	262
CE3HQ	2,867,036	2,756	226
YL4HQ	2,332,044	3,136	286
ZV13HQ	1,282,374	1,492	191
EIØHQ	1,143,905	1,865	203
ER7HQ	1,093,384	2,032	194
EY1HQ	984,940	1,547	148
ZF1A	742,448	2,061	112
OM1HQ	711,900	1,742	126
DXØHQ	429,330	839	110
TC3HQ	390,087	937	89
5J3HQ	342,482	638	119
ZL6HQ	332,208	658	108
ES9A	252,280	886	106
HBØHQ	205,618	688	133
VK5WIA	178,448	524	76
BVØHQ	173,970	655	90
9M4DXX	136,350	453	90

HR2RCH	99,360	452	69
HSØAC	89,394	281	94
OY6FRA	59,738	585	34
JU1HQ	23,765	199	35
9K9HQ	12,352	164	16
HI8RCD	9,307	69	41
TIØHQ	2,352	45	16
OA4O	897	21	13

Administrative Council and Regional Official Stations			
Call	Score	QSOs	Mults
9A5W	1,129,272	1,500	223
NB2T	847,788	1,589	172
G3PSM	222,890	454	155
HB9JOE	127,547	497	133
XE1KK	86,970	434	65
PT2ADM	75,922	244	77
CE3PG	52,266	215	62
JA1CJP	43,290	199	74
9Y4X	19,932	119	44
LA2RR	6,448	66	52

Headquarters and Administrative Council station scores were tabulated by the World Wide Radio Operator's Federation (www.wwrof.org) and are listed in *QST* and online results as a courtesy to the Amateur Radio Community.

Continental Leaders

Africa			Asia			Europe		
3V8SS (KF5EYY, op)	682,195	SO, LP, Mixed	JR3RWB	95,996	SO, QRP, Mixed	HA8BE	520,905	SO, QRP, Mixed
EA8BQM	206,142	SO, LP, Mixed	RK9DO	56,620	SO, QRP, Mixed	R3VA	328,933	SO, QRP, Mixed
5N6/YL2SW	151,938	SO, LP, Mixed	JK1TCV	47,520	SO, QRP, Mixed	US2IZ	231,568	SO, QRP, Mixed
EA8CQW	33,225	SO, LP, Mixed	JJ5HUD	12,190	SO, QRP, Mixed	SP4GFG	181,350	SO, QRP, Mixed
EA8AQV	10,440	SO, LP, Mixed	BD4HUB	6,216	SO, QRP, Mixed	RW7M	159,555	SO, QRP, Mixed
CN3A (IK2QEI, op)	4,281,588	SO, HP, Mixed	RWØA (RAØAM, op)	1,223,592	SO, LP, Mixed	LY9A	1,536,954	SO, LP, Mixed
EA8AGF	1,932	SO, HP, Mixed	JTØYPS (UA9YPS, op)	1,045,302	SO, LP, Mixed	S53MM	1,240,680	SO, LP, Mixed
EC8ADW	39,931	SO, LP, Phone	7Z1SJ	1,005,916	SO, LP, Mixed	LY4L	1,085,696	SO, LP, Mixed
SU1HZ	6,156	SO, LP, Phone	RW9C	948,090	SO, LP, Mixed	MJØCFW (JK3GAD, op)	797,370	SO, LP, Mixed
EA8CST	5,883	SO, LP, Phone	E21EIC	659,953	SO, LP, Mixed	EW11P	766,820	SO, LP, Mixed
EA8ARG	2,520	SO, LP, Phone	UPØL	3,627,600	SO, HP, Mixed	UU7J (UU4JMG, op)	3,135,114	SO, HP, Mixed
ZS6ELI	1,180	SO, LP, Phone	RG9A	3,621,264	SO, HP, Mixed	RG3K	3,080,916	SO, HP, Mixed
CT3HF	188,244	SO, HP, Phone	UP2L (UA9BA, op)	3,553,932	SO, HP, Mixed	ES5TV	2,771,454	SO, HP, Mixed
ZS5NK	12,054	SO, HP, Phone	R9DX	3,004,410	SO, HP, Mixed	OM3BH	2,576,284	SO, HP, Mixed
EA8BVP	3,255	SO, QRP, CW	UA9CDV	2,375,460	SO, HP, Mixed	RL3A (RL3FT, op)	2,505,528	SO, HP, Mixed
V51YJ	165,024	SO, LP, CW	JA2MWV	9,553	SO, QRP, Phone	HG1W (HA1WD, op)	298,284	SO, QRP, Phone
EA8DA	130,356	SO, LP, CW	VU2GUR	636	SO, QRP, Phone	HA5BKV (HA5NB, op)	182,864	SO, QRP, Phone
EC8AFM	40,600	SO, LP, CW	ZC4MIS	84	SO, QRP, Phone	SP4LVK	106,368	SO, QRP, Phone
EA8AVK	22,816	SO, LP, CW	R9FR	110,448	SO, LP, Phone	IV3AOL	83,974	SO, QRP, Phone
EA8NQ	8,192	SO, LP, CW	TA1DK	107,219	SO, LP, Phone	IZ1JLF	59,994	SO, QRP, Phone
ST2AR	2,948,268	SO, HP, CW	RW9TP	101,864	SO, LP, Phone	UV8M (UX3MR, op)	705,572	SO, LP, Phone
ZS4TX	605	Multioperator	RK9DC	95,675	SO, LP, Phone	HA3DX (HA4XH, op)	653,691	SO, LP, Phone
			R9UAG	94,380	SO, LP, Phone	RW1CW	622,557	SO, LP, Phone
			JA2IVK	442,874	SO, HP, Phone	IW1QN	543,982	SO, LP, Phone
			RA8T (RA9SPF, op)	320,250	SO, HP, Phone	CR5M (CT1DHM, op)	542,304	SO, LP, Phone
			UA9JDP	271,746	SO, HP, Phone	ES5RW	1,781,472	SO, HP, Phone
			JA3AOP	184,098	SO, HP, Phone	US5D (UT7DX, op)	1,511,486	SO, HP, Phone
			VR2YYW	177,562	SO, HP, Phone	EA4KD	1,377,068	SO, HP, Phone
			RU9UN	123,656	SO, QRP, CW	UXØFF	1,373,157	SO, HP, Phone
			BD4GNV	33,480	SO, QRP, CW	YO3CZW	1,172,947	SO, HP, Phone
			JR1NKN	26,680	SO, QRP, CW	UR9QQ	595,629	SO, QRP, CW
			7K1CPT	17,995	SO, QRP, CW	OK3C (OK2ZC, op)	551,050	SO, QRP, CW
			RA9MU	16,687	SO, QRP, CW	UU2CW	499,083	SO, QRP, CW
			ZC4LI	1,810,575	SO, LP, CW	HA6NL	481,580	SO, QRP, CW
			RA9AP	905,532	SO, LP, CW	RA3AN	425,500	SO, QRP, CW
			VU2PTT	391,685	SO, LP, CW	UX4U (US7UX, op)	1,538,840	SO, LP, CW
			UA9LAO	370,694	SO, LP, CW	YT3M	1,440,283	SO, LP, CW
			J11RXQ	364,204	SO, LP, CW	LZ3FN	1,408,365	SO, LP, CW
			TA2ZF (UT5UDX, op)	2,387,952	SO, HP, CW	EF3A (EF3AØ, op)	1,388,860	SO, LP, CW
			R9FT	1,714,840	SO, HP, CW	LZ9R (LZ3YY, op)	999,926	SO, LP, CW
			RT9A	1,696,613	SO, HP, CW	CR6K (CT11LT, op)	3,200,313	SO, HP, CW
			A65CA (RV6AJJ, op)	1,589,224	SO, HP, CW	LZ8E (LZ2BE, op)	2,731,750	SO, HP, CW
			RA9AE	1,407,375	SO, HP, CW	UT5UGR	2,629,566	SO, HP, CW
			P33W	7,236,873	Multioperator	UW1M (UR5MW, op)	2,212,116	SO, HP, CW
			C49C	3,780,324	Multioperator	YU1LA	2,206,413	SO, HP, CW
			RF9C	2,561,878	Multioperator	RT4F	4,483,534	Multioperator
			RK9CYA	875,400	Multioperator	UZ2M	4,331,353	Multioperator
			RL9AA	762,168	Multioperator	HG6N	3,497,364	Multioperator
						4O3A	3,323,571	Multioperator
						SN3R	3,305,904	Multioperator

North America			Oceania			South America		
CO8ZZ	29,016	SO, LP, Mixed	YB3IZK	33,192	SO, LP, Mixed	PY2SEX	936,792	SO, LP, Mixed
XE2B	16,264	SO, LP, Mixed	DV1UBY	1,508	SO, LP, Mixed	PY2NY	759,962	SO, LP, Mixed
FG1PP	5,952	SO, LP, Mixed	ZL2K	370	SO, LP, Mixed	PY1NB	497,006	SO, LP, Mixed
XE1GZU	5,589	SO, LP, Mixed	KH7X (KH6ND, op)	1,723,623	SO, HP, Mixed	PP5JY	39,130	SO, LP, Mixed
H18A	63,336	SO, HP, Mixed	VK4CT (VK4EMM, op)	1,028,196	SO, HP, Mixed	CX5TR	33,411	SO, LP, Mixed
TG9ANF	145,432	SO, QRP, Phone	VK3TDX	601,216	SO, HP, Mixed	PP5BZ	1,726,368	SO, HP, Mixed
XE2JA	10,638	SO, QRP, Phone	YB1AR	190,740	SO, HP, Mixed	YW4D	1,574,191	SO, HP, Mixed
KP2/AA1BU	632,487	SO, LP, Phone	9M6XRO	80,546	SO, HP, Mixed	AY5F (LU5FC, op)	1,535,600	SO, HP, Mixed
H13TEJ	399,312	SO, LP, Phone	YBØNFL	78,898	SO, LP, Phone	PV8AA (PV8DX, op)	1,199,324	SO, HP, Mixed
T12CDA	212,816	SO, LP, Phone	YC8AHH	45,950	SO, LP, Phone	LV5V (LU5VV, op)	73,968	SO, HP, Mixed
TG9AXF	80,136	SO, LP, Phone	YBØMWM	39,840	SO, LP, Phone	LU1FM	660	SO, QRP, Phone
WP3GW	42,640	SO, LP, Phone	VK8PDX	18,297	SO, LP, Phone	ZX2B	740,624	SO, LP, Phone
XP1A	232,288	SO, HP, Phone	ZL2U	17,675	SO, LP, Phone	LU1FU	151,360	SO, LP, Phone
J68HS	4,980	SO, HP, Phone	VK7ZE	718,510	SO, HP, Phone	LW7DUC	67,800	SO, LP, Phone
AHØAH/KL7	28	SO, HP, Phone	KH2JU	132,056	SO, HP, Phone	LR1H	67,590	SO, LP, Phone
FP/VA2WA (VA2WDQ, op)	1,093,791	SO, LP, CW	WH7Z (WØCN, op)	65,940	SO, HP, Phone	LU2DC	53,133	SO, LP, Phone
WP3C	65,377	SO, LP, CW	DU1JI	38,386	SO, HP, Phone	PP5XX	2,249,190	SO, HP, Phone
KV4FZ (N2TTA, op)	37,708	SO, LP, CW	YC1LA	32,594	SO, HP, Phone	ZV2K	235,520	SO, HP, Phone
CO2JD	32,095	SO, LP, CW	KH6ZM	613,802	SO, LP, CW	PY5KW (PY2DJ, op)	130,644	SO, HP, Phone
XE1AY	18,270	SO, LP, CW	YB3BOA	45,695	SO, LP, CW	CE3PCG (CE3PHI, op)	23,408	SO, HP, Phone
VP5CW (W5CW, op)	1,450,068	SO, HP, CW	ZL4NX	24,338	SO, LP, CW	PY4BZ	23,040	SO, HP, Phone
KL7DX (W6NV, op)	631,116	SO, HP, CW	9M6YBG	22,671	SO, LP, CW	AY9F (LU5FZ, op)	114,933	SO, QRP, CW
NP2X	235,492	SO, HP, CW	VK8AV	19,688	SO, LP, CW	PY4ZO	9,328	SO, QRP, CW
XE1MM	131,424	SO, HP, CW	VK2IM	664,125	SO, HP, CW	PY3OZ	143,448	SO, LP, CW
XE2X	29,970	SO, HP, CW	ZM4G	411,464	SO, HP, CW	PY2IU	94,650	SO, LP, CW
KL2R	67,306	Multioperator	ZL3TE	222,500	SO, HP, CW	PY4HO	50,700	SO, LP, CW
AL1G	41,407	Multioperator	ZL2AGY	220,671	SO, HP, CW	LU8QT	49,678	SO, LP, CW
HH2/PY1ZV	39,660	Multioperator	ZL2JU	37,995	SO, HP, CW	PY4FQ	45,360	SO, LP, CW
FG5KC/P	13,734	Multioperator	DU1/JJ5GMJ	255,588	Multioperator	PJ4C (N5WR, op)	2,967,030	SO, HP, CW
XE1EE	11,362	Multioperator	YB1ALL	172,900	Multioperator	PV8ADI	159,783	SO, HP, CW
			DV1/JO7KMB	124,338	Multioperator	PR7AR	96,943	SO, HP, CW
			KH6QJ	35,836	Multioperator	PP5BK	70,632	SO, HP, CW
			DX7CA	30,285	Multioperator	PY2KJ	59,000	SO, HP, CW
						PS2T	3,059,442	Multioperator
						LS1D	1,833,192	Multioperator
						HK1NA	1,574,672	Multioperator
						PR2B	1,538,295	Multioperator
						CE4CT	1,519,214	Multioperator

Regional Leaders

Northeast Region			Southeast Region			Central Region			Midwest Region			West Coast Region			
(New England, Hudson and Atlantic Divisions; Maritime and Quebec Sections)			(Delta, Roanoke and Southeastern Divisions)			(Central and Great Lakes Divisions; Ontario Section)			(Dakota, Midwest, Rocky Mountain and West Gulf Divisions; Manitoba and Saskatchewan Sections)			(Pacific, Northwestern and Southwestern Divisions; Alberta, British Columbia and NWT Sections)			
ND3D	8,658	SO, QRP, Mixed	KS4X	21,632	SO, QRP, Mixed	K8ZT	112,592	SO, QRP, Mixed	VE4YU	191,529	SO, LP, Mixed	NN7SS (K6UFO, op)	72,242	SO, QRP, Mixed	
VE1ZA	237,690	SO, LP, Mixed	N8OO	1,036,350	SO, LP, Mixed	W9XN	11,100	SO, QRP, Mixed	AA5JG	80,872	SO, LP, Mixed	K2PO	487,277	SO, LP, Mixed	
W1WBB	226,980	SO, LP, Mixed	NR3X (N4YDU, op)	387,660	SO, LP, Mixed	VE3DZ	1,196,192	SO, LP, Mixed	WA7LNW	76,383	SO, LP, Mixed	N7ZG	317,312	SO, LP, Mixed	
VE2AWR	176,562	SO, LP, Mixed	AD4Z	312,984	SO, LP, Mixed	K9OM	431,148	SO, LP, Mixed	N5AW/Ø	56,416	SO, LP, Mixed	WA6FGV	118,736	SO, LP, Mixed	
KB3LIX	126,882	SO, LP, Mixed	KN4QD	134,064	SO, LP, Mixed	W9IU	351,650	SO, LP, Mixed	WDØECO	50,639	SO, LP, Mixed	NN6CH	88,308	SO, LP, Mixed	
AB1OD	113,216	SO, LP, Mixed	K3TW	92,326	SO, LP, Mixed	KE4KY	185,759	SO, LP, Mixed	N7VM	733,408	SO, HP, Mixed	KJ6MBW (VK2IMM, op)	85,590	SO, LP, Mixed	
VY2ZM (K1ZM, op)	2,989,540	SO, HP, Mixed	N5DX	2,395,215	SO, HP, Mixed	W9ZRZ	87,135	SO, LP, Mixed	KØOU	180,684	SO, HP, Mixed	NK7U (KL9A, op)	1,921,539	SO, HP, Mixed	
K3CR (LZ4AX, op)	2,494,800	SO, HP, Mixed	W4AN (K4BAI, op)	1,425,936	SO, HP, Mixed	VE3EJ	2,544,638	SO, HP, Mixed	K7IA	172,912	SO, HP, Mixed	K7RL	1,456,730	SO, HP, Mixed	
W2GD	1,582,725	SO, HP, Mixed	K5KG	957,088	SO, HP, Mixed	NØIJ	106,506	SO, HP, Mixed	KØHB	101,136	SO, HP, Mixed	K6XX	1,126,816	SO, HP, Mixed	
K3ZO	1,478,304	SO, HP, Mixed	K4AB	914,804	SO, HP, Mixed	VE3CX	76,570	SO, HP, Mixed	WA5LFD	42,920	SO, HP, Mixed	N7TT	485,290	SO, HP, Mixed	
N3AD	872,446	SO, HP, Mixed	WO4O	509,070	SO, HP, Mixed	KB8O	48,681	SO, HP, Mixed	K5DHY	83,904	SO, LP, Phone	N6WM	478,285	SO, HP, Mixed	
AA2VK	209	SO, QRP, Phone	NT4TS	21,294	SO, QRP, Phone	VA3WPV	3,332	SO, QRP, Phone	W5GFI	78,806	SO, LP, Phone	W6QU (W8QZA, op)	39,375	SO, QRP, Phone	
K1WO	110,445	SO, LP, Phone	KC5WA	8,502	SO, QRP, Phone	N8XA	900	SO, QRP, Phone	WBØTSR	42,918	SO, LP, Phone	VA7IR	4,375	SO, QRP, Phone	
VE2HIT	34,880	SO, LP, Phone	KD4OFG	960	SO, QRP, Phone	VA3GKO	65,504	SO, LP, Phone	KØLEJ	18,411	SO, LP, Phone	N6LB	1,020	SO, QRP, Phone	
WB9KPT	32,594	SO, LP, Phone	KJ4ZLP	18	SO, QRP, Phone	N8RF	47,988	SO, LP, Phone	W5WRE	18,228	SO, LP, Phone	N6RWT	116	SO, QRP, Phone	
VE1SQ	22,684	SO, LP, Phone	W4SVO	633,060	SO, LP, Phone	KF8BT	28,992	SO, LP, Phone	K9MWM	169,944	SO, HP, Phone	K3FIV	37,520	SO, LP, Phone	
N1OXA	15,549	SO, LP, Phone	K4WES	38,252	SO, LP, Phone	KB8UHN	23,296	SO, LP, Phone	KØRH	57,005	SO, HP, Phone	N7VFN	28,544	SO, LP, Phone	
KK1KW	996,060	SO, HP, Phone	D5TOS	29,718	SO, LP, Phone	KY4J	17,172	SO, LP, Phone	WDØBMS	42,180	SO, HP, Phone	KI6JW	20,286	SO, LP, Phone	
N2RJ	259,000	SO, HP, Phone	KE4VCS	19,584	SO, LP, Phone	WB9Z	799,755	SO, HP, Phone	KØARY	32,450	SO, HP, Phone	K7ACZ	19,950	SO, LP, Phone	
KM2O	239,580	SO, HP, Phone	KJ4KVC	15,312	SO, LP, Phone	AC8G	133,868	SO, HP, Phone	KF7IQ	27,904	SO, HP, Phone	N6WR	18,513	SO, LP, Phone	
N1BCL	92,781	SO, HP, Phone	K5ER	293,454	SO, HP, Phone	KK7Z	26,928	SO, HP, Phone	KØPK	80,301	SO, QRP, CW	W7WA	1,314,975	SO, HP, Phone	
W1PL	55,321	SO, HP, Phone	NN4F	145,530	SO, HP, Phone	KR9E	20,538	SO, HP, Phone	W5GAI	28,221	SO, QRP, CW	K7LY	135,920	SO, QRP, Phone	
KK1W	25,694	SO, QRP, CW	AC5O	104,728	SO, HP, Phone	NN8M	17,340	SO, HP, Phone	K5TA	10,152	SO, QRP, CW	WX7P	84,429	SO, HP, Phone	
VE2DJN	4,880	SO, QRP, CW	NJ2F	83,400	SO, HP, Phone	VE3GTC	100,580	SO, QRP, CW	WA5RML	6,575	SO, QRP, CW	K6UD (K6IRF, op)	81,271	SO, HP, Phone	
W3TUA	2,508	SO, QRP, CW	NC4MI	79,704	SO, HP, Phone	AI9K	27,898	SO, QRP, CW	KEØG	4,966	SO, QRP, CW	KT6VV	77,220	SO, HP, Phone	
NQ2W	2,415	SO, QRP, CW	K4QPL	71,024	SO, QRP, CW	VA3RJ	13,275	SO, QRP, CW	NAØN	279,896	SO, LP, CW	N7IR	4,564	SO, QRP, CW	
K2JF	816	SO, QRP, CW	N3CZ	12,246	SO, QRP, CW	N8XX	11,886	SO, QRP, CW	W5RYA	206,170	SO, LP, CW	K6MI	18	SO, QRP, CW	
K2SSS	533,822	SO, LP, CW	KS4YX	5,797	SO, QRP, CW	N1RU	2,728	SO, QRP, CW	WØETT	165,743	SO, LP, CW	K7WP	166,212	SO, LP, CW	
VA1CHP	531,632	SO, LP, CW	NU4B	4,633	SO, QRP, CW	W1NN	576,774	SO, LP, CW	KØDI	160,556	SO, LP, CW	R3EW	144,315	SO, LP, CW	
VE1RGB	492,072	SO, LP, CW	KI4FW	2,829	SO, QRP, CW	KV8Q	325,872	SO, LP, CW	UR5MM	112,451	SO, LP, CW	UA9XW	132,858	SO, LP, CW	
W1E	423,984	SO, LP, CW	WB4TDH	389,973	SO, LP, CW	VE3EY	322,230	SO, LP, CW	N2IC	1,710,859	SO, HP, CW	KS5A	98,256	SO, LP, CW	
KB1T	388,700	SO, LP, CW	WA1FCN	256,399	SO, LP, CW	AB1J	238,788	SO, LP, CW	K5TR (K5OT, op)	1,066,338	SO, HP, CW	K6AAB	69,339	SO, LP, CW	
K8PO	2,216,578	SO, HP, CW	WK2G	240,882	SO, LP, CW	NA8V	225,620	SO, LP, CW	K7KU (KØKR, op)	542,016	SO, HP, CW	N9RV	1,389,617	SO, HP, CW	
AA3B	2,061,210	SO, HP, CW	WD4AHZ	234,056	SO, LP, CW	K9NW	1,093,260	SO, HP, CW	UA9QM	435,252	SO, HP, CW	N6MA	491,087	SO, HP, CW	
WC1M	1,762,736	SO, HP, CW	WØPV	204,886	SO, LP, CW	K9CT	954,618	SO, HP, CW	K9DU	234,684	SO, HP, CW	AD6E	385,190	SO, HP, CW	
NY3A	1,690,242	SO, HP, CW	N4OGW	1,421,192	SO, HP, CW	N2WQ/VE3	673,920	SO, HP, CW	NØNI	1,878,170	Multioperator	K9YC	382,584	SO, HP, CW	
K1MI	582,337	SO, HP, CW	N4AF	1,011,675	SO, HP, CW	N8BJQ	667,200	SO, HP, CW	KØRF	1,774,150	Multioperator	VA7ST	351,626	SO, HP, CW	
NN3W	2,390,710	Multioperator	K4RO	917,796	SO, HP, CW	K9MMS	530,880	SO, HP, CW	NX5M	1,738,100	Multioperator	K7ZSD	556,575	Multioperator	
W1UJ	1,536,270	Multioperator	KØEJ	822,112	SO, HP, CW	K8AZ	1,743,605	Multioperator	WØSD	797,245	Multioperator	N7AT	452,187	Multioperator	
K2LE	1,296,012	Multioperator	W4NZ	687,822	SO, HP, CW	K9SD	845,774	Multioperator	W7CT	609,924	Multioperator	NX6T	391,297	Multioperator	
WT1T	1,174,187	Multioperator	NR4M	1,557,612	Multioperator	K3WA	775,478	Multioperator				N6QQ	171,387	Multioperator	
WX3B	631,902	Multioperator	N1LN	1,117,185	Multioperator	N2BJ	162,992	Multioperator				N7XU (K4XU, op)	170,238	Multioperator	
			W5WMU	1,088,832	Multioperator	W8MJ	144,640	Multioperator							
			KA1ARB	863,874	Multioperator										
			N3UA	576,459	Multioperator										

Division Leaders

	Call	Score		Call	Score
Single Operator, Mixed Mode, QRP			Single Operator, Phone Only, High Power		
Atlantic	ND3D	8,658	Atlantic	KC2ZGI	1,602
Central	W9XN	11,100	Central	WB9Z	799,755
Delta	KS4X	21,632	Dakota	WDØBMS	42,180
Great Lakes	K8ZT	112,592	Delta	K5ER	293,454
Northwestern	NN7SS (K6UFO, op)	72,242	Great Lakes	AC8G	133,868
			Hudson	N2RJ	259,000
Single Operator, Mixed Mode, Low Power			Midwest	KØRH	57,005
Atlantic	KB3LIX	126,882	New England	KK1KW	996,060
Central	K9OM	431,148	Northwestern	W7WA	1,314,975
Dakota	WGØM	29,900	Pacific	K6JAT	55,936
Delta	N8OO	1,036,350	Roanoke	NN4F	145,530
Great Lakes	KE4KY	185,759	Rocky Mountain	K9MWM	169,944
Midwest	WDØECO	50,639	Southeastern	NJ2F	83,400
New England	W1WBB	226,980	Southwestern	K7LY	135,920
Northwestern	K2PO	487,277	Canada	VA3TTU	4,585
Pacific	KJ6MBW (VK2IMM, op)	85,590			
Roanoke	NR3X (N4YDU, op)	387,660	Single Operator, CW Only, QRP		
Rocky Mountain	WA7LNW	76,383	Atlantic	W3TUA	2,508
Southeastern	AD4Z	312,984	Central	AI9K	27,898
Southwestern	WA6FGV	118,736	Dakota	KØPK	80,301
West Gulf	AA5JG	80,872	Delta	NU4B	4,633
Canada	VE3DZ	1,196,192	Great Lakes	N8XX	11,886
			Hudson	NQ2W	2,415
Single Operator, Mixed Mode, High Power			New England	KK1W	25,694
Atlantic	K3CR (LZ4AX, op)	2,494,800	Pacific	K6MI	18
Central	NØIJ	106,506	Roanoke	K4QPL	71,024
Dakota	KØHB	101,136	Rocky Mountain	K5TA	10,152
Delta	N5DX	2,395,215	Southwestern	N7IR	4,564
Great Lakes	KB8O	48,681	West Gulf	W5GAI	28,221
Hudson	W1GD	375,900	Canada	VE3GTC	100,580
Midwest	KØOU	180,684			
New England	K5ZD	687,240	Single Operator, CW Only, Low Power		
Northwestern	NK7U (KL9A, op)	1,921,539	Atlantic	K2SSS	533,822
Pacific	K6XX	1,126,816	Central	AB1J	238,788
Roanoke	N4MM	140,215	Dakota	NAØN	279,896
Southeastern	W4AN (K4BAI, op)	1,425,936	Delta	N2WN	132,365
Southwestern	KC6X	436,868	Great Lakes	W1NN	576,774
West Gulf	WA5LFD	42,920	Hudson	N2GA	311,454
Canada	VY2ZM (K1ZM, op)	2,989,540	Midwest	KØDI	160,556
			New England	KB1T	388,700

Single Operator, Phone Only, QRP			Northwestern	R3EW	144,315
Delta	KC5WA	8,502	Pacific	K6AAB	69,339
Great Lakes	N8XA	900	Roanoke	AA4FU	99,220
Hudson	AA2VK	209	Rocky Mountain	WØETT	165,743
Northwestern	N6LB	1,020	Southeastern	WB4TDH	389,973
Pacific	N6RWT	116	Southwestern	K7WP	166,212
Roanoke	KD4OFG	960	West Gulf	W5RYA	206,170
Southeastern	NT4TS	21,294	Canada	VA1CHP	531,632
Southwestern	W6QU (W8QZA, op)	39,375			
Canada	VA7IR	4,375	Single Operator, CW Only, High Power		
Single Operator, Phone Only, Low Power			Atlantic	AA3B	2,061,210
Atlantic	WB9KPT	32,594	Central	K9NW	1,093,260
Central	W9QL	14,212	Dakota	K9DU	234,684
Dakota	WBØTSR	42,918	Delta	N4OGW	1,421,192
Delta	KJ4KVC	15,312	Great Lakes	N8BJQ	667,200
Great Lakes	N8RF	47,988	Hudson	N2UN	270,158
Hudson	KS2G	11,184	New England	K8PO	2,216,578
Midwest	KKØG	16,206	Northwestern	N9RV	1,389,617
New England	K1WO	110,445	Pacific	AD6E	385,190
Northwestern	N7VPN	28,544	Roanoke	N4AF	1,011,675
Pacific	K3FIV	37,520	Rocky Mountain	N2IC	1,710,859
Roanoke	K4WES	38,252	Southeastern	N4PN	647,192
Rocky Mountain	AD7QF	5,562	Southwestern	N6MA	491,087
Southeastern	W4SVO	633,060	West Gulf	K5TR (K5OT, op)	1,066,338
Southwestern	KF7GYE	7,992	Canada	N2WQ/VE3	673,920
West Gulf	K5DHY	83,904	Multioperator		
Canada	VA3GKO	65,504	Atlantic	NN3W	2,390,710
			Central	K9SD	845,774
			Dakota	WØSD	797,245
			Delta	W5WMU	1,088,832
			Great Lakes	K8AZ	1,743,605
			Hudson	AB2DE	162,644
			Midwest	NØNI	1,878,170
			New England	W1UJ	1,536,270
			Northwestern	K7ZSD	556,575
			Pacific	N2NS	112,112
			Roanoke	NR4M	1,557,612
			Rocky Mountain	KØRF	1,774,150
			Southeastern	WW4LL	544,297
			Southwestern	N7AT	452,187
			West Gulf	NX5M	1,738,100
			Canada	VC9M	330,044