



ARRL November CW Sweepstakes 2016 Results

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In one of the oldest contests — anyone can play!

Read between the lines for some of the operators who didn't finish Top 10, or who didn't even break 20 QSOs, and you'll get a great deal of insight into what makes Sweepstakes, and in particular CW Sweepstakes, so popular — even among non-contesters — and what encourages them to provide the contacts filling the log of the N2ICs and W2GDs who do come out on top.

Ryan, AG4ZP, didn't make a lot of QSOs, but he wasn't going to let not having an antenna stop him from operating the 2016 ARRL CW Sweepstakes held on November 5th through the 7th. "I tuned up some abandoned RG-6 running up the side of my building," he wrote. "Thanks to all the patient ears out there." He wasn't a powerhouse, running only 5 watts, but managed to eke out a dozen QSOs and work 10 sections.

"Participating in SS was definitely not planned out in the slightest," Ryan writes. "I saw online the contest was that weekend and decided I should try to quickly jury rig an antenna." His original plan was to load up the fire escape, but couldn't get it to tune, and then noticed the coax.

"After 51 years of ham radio, this was my first SS. I found it to be addicting. Told myself I would stop after 500 QSOs. That led to 600, then..." - N4KS, who finished with 618 QSOs and 79 sections.

Jim, AB5FS, got on for "the first time I operated this century, I think" and despite his rusty code, managed 90 QSOs and 51 sections. "Been off the air too much, but after two hours, sending was OK, I think." If it sounded as though he was using a hand key, it's because he was.

Bill, K8TE, didn't let a busy weekend keep him from operating, and having a blast. "I got to play for about eight-and-a-half hours and had a lot of fun," he writes. "Running low power, non-assisted made finding elusive sections challenging. It's always fun to work old friends and sit in amazement over big QSO numbers."

Rick, K9GDF, made an impressive 313 QSOs and found 77 sections running low power. Not all that out of the ordinary except, the "antenna is the rain gutter and downspouts."

As a domestic contest, anyone can play, even those loading up abandoned coax. With a challenging

exchange, it attracts those who love CW, and those who might be bored with contests having simpler, sometimes automatic, exchanges. With its one-QSO-per-station rule, operators who can't get on Saturday know they gain a few dB by being "fresh meat" in the heart of the Sunday doldrums, as the regulars call them.



How would you like to operate in Sweepstakes from this antenna farm at KP2M atop a Virgin Islands mountaintop? Single-Op, QRP winner, John W2GD, thought it just dandy! [Photo courtesy, John Crovelli, W2GD]

John, N6HI, doesn't win the QSOs-per-watt title, but he might be the contest's most determined. He managed his 62 QSOs and 29 sections on half a watt, 10 times less than the maximum allowed for QRP, to a 20-foot wire thrown into a tree from his window. Perhaps it's time for a QRPp category?

One Record — On Top in Multiop

Among those who went all-out, the biggest surprise might be thanks to Steve, N2IC. The surprise isn't that he's in his usual spot, the winners' circle, but where. Sam, N5FO, joined Steve at his mountaintop QTH in New Mexico to not only win Multioperator, Low Power, but to set the record, as well. "It was a combination of doing something different and low-hanging fruit for a record," Steve wrote. "Neither Sam nor I could get enthused for Single Operator this year."

Low-hanging fruit no more: Steve and Sam's operation racked up 1,301 QSOs and 82 sections for 213,364 points, an impressive score even in the High Power categories. Their winning Low Power score would be

enough for third place in Multioperator, High Power and Top 10 in Single Operator, High Power. They've made it a tough record to beat.

**Multioperator, Single Transmitter,
Low Power**

N2IC	213,364
K5CM	171,558
W2FU	169,652
NX6T	148,072
NM5M	128,982
VE4EA	118,572
W8TK	118,260
VY2TTT	116,316
WU4NC	107,092
N4FR	96,714

The N2IC score would be the only overall record set in 2016, but seven division and 28 section records were set. Of those 28, according to records-keeper Larry, K5OT, 17 were prior records broken by a different operator, nine were broken by the same operator and two were brand new.

**Multioperator, Single Transmitter,
High Power**

K5GO	231,902
W6YI	226,258
ABØS	195,880
KY7M	192,892
W4RM	184,758
N6ZFO	155,376
K7RI	136,452
AD4ES	123,164
N6WM	110,208
W4YY	107,912

In Multioperator, High Power, Kevin, N5DC; Chuck, KØRF; and George, WØUA, took over K5GO in Arkansas from Kevin's father, Stan, and ran it to victory with 231,902 points (1,397 QSOs, 83 sections), just ahead of W6YI (with K6AM, N5ZO, N6AN, N6MJ and N6KI), who scored 226,258 points (1,363 QSOs, 83 sections).

Bill, N6ZFO, a key conspirator in the weekly Thursday night [NS sprints](#), teamed up with another Bill, NØKQ, to put in a respectable showing in sixth place in Multioperator High Power with 936 QSOs and a sweep for 155,376 points.

"Bill moved into our neighbourhood just over a year ago," N6ZFO writes. "Bill and his XYL, also a ham, and I started meeting at a local coffee house a couple times a week."

Soon, the conversation turned to contesting: "At N6ZFO, we have 27 acres and a small vineyard, along with about a million volcanic rocks, which provided excellent guy anchors. That situation led to a 55-foot tower atop our 600-foot mountain and the installation of an InnovAntennas multi-mono beam," Bill writes. "NØKQ introduced me to the concept of high power by providing an Alpha amp along with some significant upgrades."

If anything, N6ZFO claims the best training for butt-in-chair time in SS is "the 860-foot elevation-gain hike from the coffee house to the top of our hill, Mt. Dali-Dona!"

Expect to see the two Bills teaming up again in the future. N6ZFO said they have shared station construction costs and have already worked together in other contests.

King of the QRPers



John, W2GD, headed to St. Croix in the U.S. Virgin Islands again and rode KP2M — the view to the states is shown in the photo — to the top of the Single Operator, QRP category. His 971 QSOs and 83 sections were head and shoulders above the pack. Dan, VE6EX, was second at 688 QSOs and 82 sections. The decline in sunspot numbers was evident here perhaps more than elsewhere.

Single Operator, QRP

KP2M (W2GD, op)	161,186
VE6EX	112,832
NØAX	98,438
N7IR	97,848
K4QPL	88,800
WF7T	86,560
NØUR	84,992
W1QK	82,080
N9SE	80,352
W6JTI	80,032

“It is a simple fact propagation becomes more and more difficult as a solar cycle wanes,” wrote W2GD, who chose QRP with the hope of breaking the record set in 2002 by Tree, N6TR, operating at Louisiana powerhouse W5WMU. It would have been a second consecutive record-setting year (he set the Single Operator, Low Power record, also from KP2M, in 2015). It wasn’t to be. “Unlike 2015, when 10-meters was open nationwide the first few hours, in 2016, 10 was stone dead.”

That made 15-meters the place to be at the start, but even that started to falter. “After just an hour the signs of the MUF (maximum usable frequency) dropping became very evident. Even 20-meters closed quickly just after local sunset.”

That spelled a slower year for 2016, and teaches a lesson for the next few years to come, he wrote. “In the QRP game, everything slows down when you hit 40 and 80.”

Still, with 428 QSOs, 40 was his No. 1 band. He managed only two QSOs on 10 and only five on 80. With 188 QSOs, 20 was also not his greatest moment, and he counted 348 QSOs on 15.

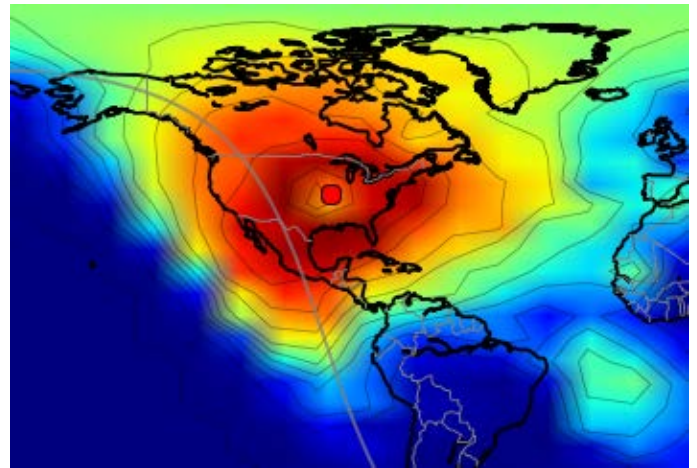
“I suppose we should all be getting prepared for the ‘new normal,’ which will put more emphasis on low-band operation as the cycle continues to head toward its bottom sometime in the next few years.”

As John suggests, spending the summer improving your low-band antennas will be key heading into the next few Sweepstakes. Because SS is a contest in which you work each station only once, you have the opportunity to be strategic about it. Your money band down low is likely to be 40-meters with 80 a go-to once 40 goes long.

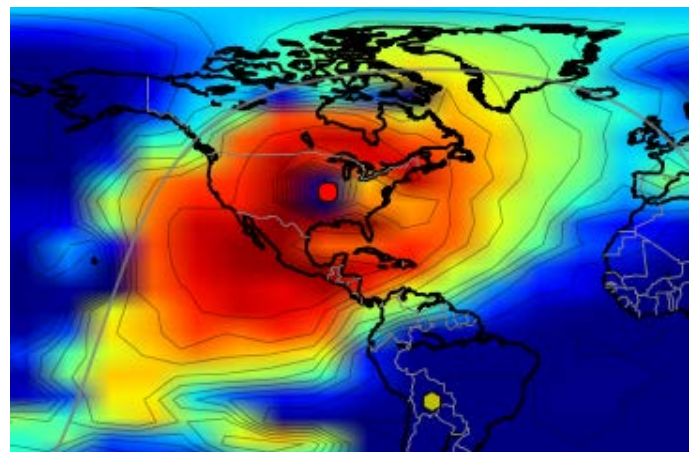
Simple Antennas – Great for Sweeps

Speaking of low-band antennas, if your current skyhook for 40 is a vertical, even a low dipole might be an upgrade. Ward, NØAX, prepared VOACAP predictions for a 40-meter dipole at 33 feet in the middle of the U.S., showing good coverage throughout North America. A DX demon isn’t necessarily what you’re seeking. At that height, directivity won’t be much of an issue, and it will have enough high-angle radiation to help with closer stations.

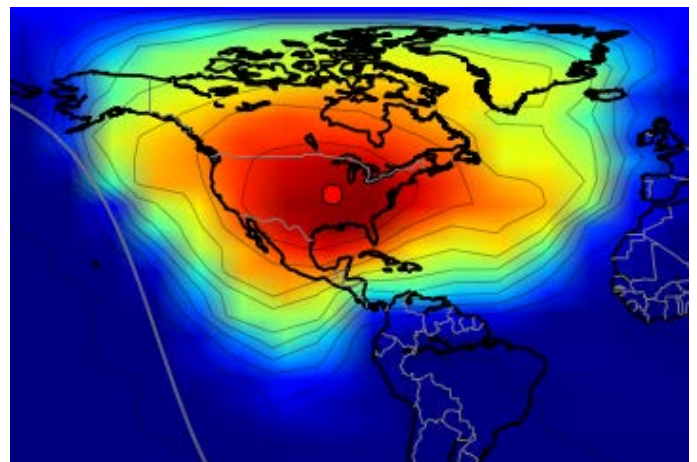
The following coverage maps show just how well a dipole can play in domestic contests – all just 33 feet off the ground. These are peak hours for coverage, of course, but you pick your spots in any contest! Browse to the online VOACAP service (www.voacap.com) and see what your dipole can do for you!



40-meter Dipole



20-meter Dipole



80-meter Dipole

Other options, particularly for those with lower height requirements, include a full-wave loop or a half-square antenna. Both will have slightly broadside patterns. The benefit of both is a degree of flexibility in height requirements. With a half-square on 40, the vertical elements are about 35 feet long, but you can bend these if you need to put it up with less height. Each is separated by a top wire of 71 or so feet. As, essentially, two top-fed

verticals joined by a phasing line, a half-square does not need radials.

Fed at a top corner, the half-square would be close to 50 ohms, but a sturdy common-mode choke is a requirement. Eight turns of RG-8X in each of two of the biggest clamp-on ferrites (use Type 31 ferrite) would work. Bottom feeding of one of the verticals is possible, but tricky, as the bottom is a high-voltage point.

A full-wave loop (about 142 feet on 40-meters) hung vertically as a triangle needs a minimum support height of 50 feet (for 10 feet of clearance between the bottom wire and ground), but could also be mounted as a rectangle: vertical sides of even just 25 feet would work simply by adjusting the horizontal span so the total wire length equals 142 feet. In this case, 25-foot vertical wires would require 46 feet horizontally.

For 80-meters, an antenna that was a success for the author derived from a VE2CV design called the half-delta loop: in the author's case, an 80-meter inverted vee was turned into a loop by shorting out the original feedpoint, moving the feed point to one end and laying down radials, including one connecting the shield of the coax to the far end. It was quiet, loud and heard in Europe, even if the Black Hole precluded hearing the responses.

That antenna was tuned inside the shack with a simple pi-network tuner, but every indication is it would be more effective with a tuner at the feedpoint. The original design used a single sloping wire to a 50-foot tower and a remotely tuned L network at the feedpoint. The [original article](#) from September, 1982 *QST* is available to ARRL members online.

From the But You Still Have to Point Them Department mailbag — “If you worked me in the first hour of the contest, it was either long-path or off the back of my yagi, since I had forgotten I had it pointed at Oceania. I should have known something was up when the loudest signals were in Hawaii!” - K6JEB

Not On Top (Band)

You might work the odd station you wouldn't otherwise on 160, but for the entire contest in 2016, only 202 QSOs were reported by all 1,303 stations combined. Only four of the 80 Top 10 stations made any Qs on 160 at all and of those, only seven QSOs combined were reported. Sorry, Top Band fans. Fun to go to if you have the means and 80 is worked out, but 160 will not be a game-changer.

A Crop of Single-Ops

Single Operator, High Power

N9RV	229,910
W7RN (N6TV, op)	225,096
NR5M (K5GA, op)	219,950
K5TR (K5OT, op)	216,132
N7NG (N6TR, op)	214,638
WØSD (WØDB, op)	212,978
N4OGW	209,326
K7JR (KL9A, op)	208,164
K5ZD	206,670
N8OO	202,852

Winning Single Operator, High Power is Pat, N9RV, with 1,385 QSOs, 83 sections and 229,910 points. Impressive, but it too shows the effects of waning sunspots. In 2009, record-holder N2IC scored 255,520 points, or nearly 300 QSOs more than Pat's 2016 effort. Clearly, out west was the place to be with the top six scores all made from west of the Mississippi River.

Single Operator, Low Power

K7BG	173,470
K7GK (@W6JZH)	171,644
NAØN (@WØZT)	171,644
W6YX (N7MH, op)	168,656
W4AAA (KK9A, op)	168,324
WJ9B	167,328
NP3A	160,024
KØAV (@WØDLE)	159,692
W1NN	155,874
N7XU	154,380

An inordinate number of tied scores remain (highlighted in the table above), even after exhaustive efforts in log-checking to double-check all ties. In Single Operator, Low Power, won by Matt, K7BG, with 173,470 points, Denis, K7GK and Pat, NAØN, tied for second place at 171,644 points each.

“I'm not sure about the ties,” writes Pat, NAØN. “The scores were down this time around, so I guess everybody was compressed a bit closer together. In my case, I was glad to move up into the tie for second.”

Tops North of the Border

“Since when did Ontario come in four pieces?” - K9IU

Taking home the Canadian title in Single Operator, High Power, is an Alaskan, of all people. Steve, KL7SB, travelled to VA7AAA in Langley, British Columbia, racking up 918 QSOs and a sweep for 152,388 points.

“Allan (VA7AAA) probably has the second-best station in the province (after Lee, VE7CC),” Steve writes. He first approached Allan on a cold-call in 2014. “I surprised myself by winning Canada, plus I’ll take any excuse to go to the Vancouver area.”

This was his third year at VA7AAA, Steve writes. In 2015, a medical marijuana grow op in a neighbouring property rendered 80-meters “useless.” Old Sol wasn’t about to make 2016 much better.

“Conditions weren’t great, but we did come up with a solution for 80-meters.”

Steve now leases the former, and legendary, KL7RA station, and is focusing on maintaining that tradition, putting a crimp in his extensive travel plans. Rich, KL7RA, died in 2015 of a heart attack. Steve is set to buy the property from Rich’s widow later this year. “She wanted to keep it in the contesting community, if possible. I was the only realistic possibility.”

“I need to concentrate on KL7RA, but... if I’m sure that we’ll have someone to operate there, I hope to go back to Allan’s place for SS CW. It’s become one of my traditions.”

One Op, No Limits

Single Operator Unlimited, High Power

KØEU	219,452
NØXR (@NØNI)	204,346
K6LL	200,528
N4BP	189,406
K9CT	189,406
KO7SS	181,438
N4QS	179,612
VE7CC	179,446
KH6NF	172,200
WR3Z	171,312

In Single Operator Unlimited, High Power, Randy, KØEU won with 219,452 points, followed by Dean, NØXR, and Dave, K6LL. But fourth place was split between Bob, N4BP and Craig, K9CT, both at 189,406 points.

“I saw in the preliminary SS results I managed to hold off N8OO on phone,” Randy writes. “He was ahead of me by 20 or so Qs Sunday morning. Guess I had better conditions or my off times were better.”

His phone results are relevant to CW as it’s the third time he’s won a category in both modes: he won both in Single Operator, Low Power in the 1990s and in 2015 in Unlimited High Power.

Kirk, NØKK, operating at the well-equipped station of Ron, NØAT, didn’t place in the Top 10, but he might just take the title for most consecutive guest operations at one station.



Kirk, NØKK is shown here in a familiar seat: “2016 was my 20th year doing SS from NØAT,” he writes. (Photo courtesy of Kirk Pengelly, Jr. NØKK)

Single Operator Unlimited, Low Power

N4ZZ	181,936
AJ9C	155,376
WP3Q (KB7Q, op)	144,088
WØZA	139,644
KØVBU	134,152
N3HEE	127,428
K3AU (K2YWE, op)	122,508
K8BKM	122,508
VE5MX	119,520
VA3DF	119,188

Finally, in Single Operator Unlimited, Low Power — won by Don, N4ZZ (181,936 points), was yet another tie, for seventh, between Dan, K2YWE (@K3AU) and Tom, K8BKM, both at 122,508 points. Don, N4ZZ, said he’s played in all but two Sweepstakes since 1959.

Don worked more stations on each of 40 and 80-meters than he did on 20 and 15 combined. With 438 QSOs, 80 was his money band. He worked 348 stations on 40, but managed only 302 on 20 and a meager four on 15. As was the case for almost everybody, 10 was a non-starter for Don, with zero QSOs. For the entire contest, only 28 10-meter QSOs were reported — a contest desert repeated during the Phone portion two weekends later.



“The key for me this year,” Don writes, “ were the great conditions on 40 and 80 we had from Tennessee. (Photo courtesy of Don Binkley, N4ZZ)

Nebraska and reported a total of 662 QSOs. Let’s go, Cornhuskers! Make it happen this year.



While W1NN is shown here in his home station where he was tops in the Single-Op, Low Power category from the competitive Ohio section, he often operates via remote control from as far away as Japan! (Photo courtesy of Hal Offutt, Jr, W1NN)

Getting Schooled

School Club	
KØHC	170,980
W3YI	43,776
W4UAL	34,768
W8SH	19,760
W1AF	15,872
K9IU	15,400
W8EDU	798

School Club was again won by Bob, WØBH, operating at KØHC in Kansas, with 170,980 points (1,030 QSOs, 83 sections), far ahead of W3YI, at 43,776 points (288 QSOs, 76 sections).

The college clubs — while not exactly crowding the CW bands — are getting back into action. Check out the ARRL’s [Collegiate Amateur Radio Initiative](#) page on Facebook. Maybe a little encouragement from alumni could help a club get back in the Sweepstakes game?

Aw, Shucks...

“Where were Nebraska and North Dakota hiding?” - K5XU

Interestingly, the most-mentioned miss for a sweep in the soapbox was Nebraska. Looking at the results, that’s not surprising. Of the stations filing logs, four were from

And Finally...

“After 20 years, this is the last contest from North Carolina. Heading home to Southern New Jersey. Made my clean sweep, shut the rig off and took down the tower.” - KZ2I

And so closes another CW Sweepstakes — we are only three years from the 90th anniversary of this oldest of the domestic contests — with some regular winners and some new calls claiming victory. In 2017, the contest will be held on November 4-6. Will we be writing about your efforts? Hope so!

Division Winners

Single Operator, High Power

Atlantic	AA3B	186,584
Central	W9RE	174,798
Dakota	WØSD (WØDB, op)	212,978
Delta	N4OGW	209,326
Great Lakes	K1LT	174,798
Hudson	N2NT (N2NC, op)	202,520
Midwest	NSØR	145,748
New England	K5ZD	206,670
Northwestern	N9RV	229,910
Pacific	W7RN (N6TV, op)	225,096
Roanoke	N4AF	196,876
Rocky Mountain	N7NG (N6TR, op)	214,638
Southeastern	NX4N	190,070
Southwestern	K6LA	199,366
West Gulf	NR5M (K5GA, op)	219,950
Canada	VA7AAA (KL7SB, op)	152,388

Single Operator, Low Power

Atlantic	K3UA	144,918
Central	K9UIY	117,260
Dakota	NAØN (@WØZT)	171,644
Delta	N5EE	134,808
Great Lakes	W1NN	155,874
Hudson	W2LK	148,748
Midwest	N7WY	66,420
New England	K1TR	124,092
Northwestern	K7BG	173,470
Pacific	K7GK (@W6JZH)	171,644
Roanoke	W4AAA (KK9A, op)	168,324
Rocky Mountain	KØAV (@WØDLE)	159,692
Southeastern	NP3A	160,024
Southwestern	W9CF (@K8IA/N7RQ)	147,076
West Gulf	W8FN	143,664
Canada	VE3KI	128,816

Single Operator, QRP

Atlantic	WR3R	58,720
Central	N9SE	80,352
Dakota	NØUR	84,992
Delta	WF7T	86,560
Great Lakes	KT8K	63,180
Hudson	WS2E	58,144
Midwest	NØAX	98,438

New England	W1QK	82,080
Northwestern	W7YAQ	77,900
Pacific	W6JTI	80,032
Roanoke	K4QPL	88,800
Rocky Mountain	KRØU	28,656
Southeastern	KP2M (W2GD, op)	161,186
Southwestern	N7IR	97,848
West Gulf	K5NZ	66,456
Canada	VE6EX	112,832

Single Operator Unlimited, High Power

Atlantic	WR3Z	171,312
Central	K9CT	189,406
Dakota	NØAT (NØKK, op)	161,212
Delta	W4NZ	100,596
Great Lakes	N4QS	179,612
Hudson	W2VQ	107,734
Midwest	NØXR (@NØNI)	204,346
New England	W1SJ	159,858
Northwestern	W7KF	140,384
Pacific	KH6NF	172,200
Roanoke	N1LN	142,760
Rocky Mountain	KØEU	219,452
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Southwestern	K6LL	200,528
West Gulf	W5NE	134,644
Canada	VE7CC	179,446

Single Operator Unlimited, Low Power

Atlantic	N3HEE	127,428
Central	AJ9C	155,376
Dakota	KØMPH	110,372
Delta	N4ZZ	181,936
Great Lakes	K8BKM	122,508
Hudson	K2DFC	84,162
Midwest	KØVBU	134,152
New England	KM1X	116,532
Northwestern	K7QA	100,278
Pacific	K6JS	57,348
Roanoke	W4MPS	96,280
Rocky Mountain	WØZA	139,644
Southeastern	WP3Q (KB7Q, op)	144,088
Southwestern	K6PO	77,112
West Gulf	N5ZC	77,408
Canada	VE5MX	119,520

Multioperator, Single Transmitter, High Power

Atlantic	W3LL	103,812
Central	W9YK	60,258
Delta	K5GO	231,902
Hudson	AB2DE	3,608
Midwest	ABØS	195,880
New England	N1QD	105,742
Northwestern	K7RI	136,452
Pacific	N6ZFO	155,376
Roanoke	W4RM	184,758
Southeastern	AD4ES	123,164
Southwestern	W6YI	226,258

Multioperator, Single Transmitter, Low Power

Atlantic	W2FU	169,652
Central	KK9V	74,700
Delta	N4FR	96,714
Midwest	KB5ENP	18,422
New England	W1FM	31,442
Northwestern	KL4SD	67,308
Roanoke	WU4NC	107,092
Rocky Mountain	N2IC	213,364
Southwestern	NX6T	148,072
West Gulf	K5CM	171,558
Canada	VE4EA	118,572

School Club

Atlantic	W3YI	43,776
Central	K9IU	15,400
Great Lakes	W8SH	19,760
Midwest	KØHC	170,980
New England	W1AF	15,872
Southeastern	W4UAL	34,768

Regional Leaders

MSHP = Multioperator, Single Transmitter, High Power; MSLP = Multioperator, Single Transmitter, Low Power; S = School Club; SOHP = Single Operator, High Power; SOLP = Single Operator, Low Power; SOQRP = Single Operator, QRP; SOUHP = Single Operator Unlimited, High Power; SOULP = Single Operator Unlimited, Low Power

West Coast Region			Midwest Region			Central Region			Southeast Region			Northeast Region		
Pacific, Northwestern, and Southwestern ARRL Divisions; Alberta; British Columbia, and NT RAC Sections			Dakota, Midwest, Rocky Mountain and West Gulf ARRL Divisions; Manitoba and Saskatchewan RAC Sections			Central and Great Lakes ARRL Divisions; Greater Toronto Area, Ontario East, Ontario North, and Ontario South RAC Section			Delta, Roanoke, and Southeastern ARRL Divisions			New England, Hudson and Atlantic ARRL Divisions; Maritime and Quebec RAC Sections		
Call	Score	Cat	Call	Score	Cat	Call	Score	Cat	Call	Score	Cat	Call	Score	Cat
N9RV	229,910	SOHP	NR5M (K5GA, op)	219,950	SOHP	K1LT	174,798	SOHP	N4OGW	209,326	SOHP	K5ZD	206,670	SOHP
W7RN (N6TV, op)	225,096	SOHP	K5TR (K5OT, op)	216,132	SOHP	W9RE	174,798	SOHP	N8OO	202,852	SOHP	N2NT (N2NC, op)	202,520	SOHP
K7JR (KL9A, op)	208,164	SOHP	N7NG (N6TR, op)	214,638	SOHP	W5MX	153,716	SOHP	N4AF	196,876	SOHP	AA3B	186,584	SOHP
K6LA	199,366	SOHP	W0SD (W0DB, op)	212,978	SOHP	N9NE	136,776	SOHP	NX4N	190,070	SOHP	KD4D	174,964	SOHP
WC6H	183,928	SOHP	N5RZ	202,686	SOHP	VE3ZI	122,010	SOHP	K4BAI	172,142	SOHP	K1RM	172,142	SOHP
K7BG	173,470	SOLP	NA0N (@W0ZT)	171,644	SOLP	W1NN	155,874	SOLP	W4AAA (KK9A, op)	168,324	SOLP	W2LK	148,748	SOLP
K7GK (@W6JZ H)	171,644	SOLP	K0AV (@W0DL E)	159,692	SOLP	W8WTS	136,080	SOLP	NP3A	160,024	SOLP	K3UA	144,918	SOLP
W6YX (N7MH, op)	168,656	SOLP	K0AD	150,728	SOLP	W8CAR	135,456	SOLP	N4KM	150,562	SOLP	K1TR	124,092	SOLP
WJ9B	167,328	SOLP	W8FN	143,664	SOLP	VE3KI	128,816	SOLP	N9NB	148,570	SOLP	W1AO	118,584	SOLP
N7XU	154,380	SOLP	N7IV	140,548	SOLP	K9UIY	117,260	SOLP	N4PN	143,258	SOLP	K2TW	112,320	SOLP
VE6EX	112,832	SOQRP	N0AX	98,438	SOQRP	N9SE	80,352	SOQRP	KP2M (W2GD, op)	161,186	SOQRP	W1QK	82,080	SOQRP
N7IR	97,848	SOQRP	N0UR	84,992	SOQRP	VA3SB	79,868	SOQRP	K4QPL	88,800	SOQRP	W1XX	66,234	SOQRP
W6JTI	80,032	SOQRP	K5NZ	66,456	SOQRP	KT8K	63,180	SOQRP	WF7T	86,560	SOQRP	W1ECH	60,588	SOQRP
W7YAQ	77,900	SOQRP	N1CC	64,124	SOQRP	K9SE	45,276	SOQRP	K7BV	59,752	SOQRP	WR3R	58,720	SOQRP
W7QDM	51,528	SOQRP	WD0T	58,984	SOQRP	K9FO	23,814	SOQRP	N4CF	57,000	SOQRP	WS2E	58,144	SOQRP
K6LL	200,528	SOUHP	K0EU	219,452	SOUHP	K9CT	189,406	SOUHP	N4BP	189,406	SOUHP	WR3Z	171,312	SOUHP
KO7SS	181,438	SOUHP	N0XR (@N0NI)	204,346	SOUHP	N4QS	179,612	SOUHP	K5KG	165,170	SOUHP	AB3CX	164,174	SOUHP
VE7CC	179,446	SOUHP	N0AT (N0KK, op)	161,212	SOUHP	N9CO	152,720	SOUHP	K0LUZ	151,372	SOUHP	W1SJ	159,858	SOUHP
KH6NF	172,200	SOUHP	K1KD	152,520	SOUHP	VE3CX	147,600	SOUHP	N1LN	142,760	SOUHP	WB4FDT	144,088	SOUHP
K6SRZ	167,494	SOUHP	VE4GV	138,610	SOUHP	VE3RZ	144,918	SOUHP	W4MYA (W4ML, op)	142,096	SOUHP	K3RA	143,590	SOUHP
K7QA	100,278	SOULP	W0ZA	139,644	SOULP	AJ9C	155,376	SOULP	N4ZZ	181,936	SOULP	N3HEE	127,428	SOULP
K6PO	77,112	SOULP	K0VBU	134,152	SOULP	K8BKM	122,508	SOULP	WP3Q (KB7Q,	144,088	SOULP	K3AU (KZYWE,	122,508	SOULP

WA6KHK	61,500	SOULP	VE5MX	119,520	SOULP	VA3DF	119,188	SOULP	op)			op)		
K6JS	57,348	SOULP	WA7LNW	117,450	SOULP	KC9EE	110,556	SOULP	KY4F	115,204	SOULP	KM1X	116,532	SOULP
WQ6X	42,750	SOULP	NWØM	115,702	SOULP	K9WX	109,060	SOULP	N4UW	102,060	SOULP	N2KW	101,188	SOULP
									W4MPS	96,280	SOULP	K2ZR	85,490	SOULP
W6YI	226,258	MSHP	ABØS	195,880	MSHP	W9YK	60,258	MSHP	K5GO	231,902	MSHP	N1QD	105,742	MSHP
KY7M	192,892	MSHP							W4RM	184,758	MSHP	W3LL	103,812	MSHP
N6ZFO	155,376	MSHP	N2IC	213,364	MSLP	KK9V	74,700	MSLP	AD4ES	123,164	MSHP	K2NNY	99,932	MSHP
K7RI	136,452	MSHP	K5CM	171,558	MSLP	KA9VVQ	51,680	MSLP	W4YY	107,912	MSHP	K3CCR	74,418	MSHP
N6WM	110,208	MSHP	NM5M	128,982	MSLP	N9MT	12,862	MSLP	W4TA	34,830	MSHP	KØOO	32,704	MSHP
			VE4EA	118,572	MSLP									
NX6T	148,072	MSLP	WØEA	75,696	MSLP	W8SH	19,760	S	WU4NC	107,092	MSLP	W2FU	169,652	MSLP
W8TK	118,260	MSLP				K9IU	15,400	S	N4FR	96,714	MSLP	VY2TTT	116,316	MSLP
KL4SD	67,308	MSLP	KØHC	170,980	S	W8EDU	798	S	W4TG	55,380	MSLP	KE3X	73,372	MSLP
K7MK	720	MSLP							WR4I	21,996	MSLP	KE2D	52,124	MSLP
												W1FM	31,442	MSLP
									W4UAL	34,768	S			
												W3YI	43,776	S
												W1AF	15,872	S

2016 Sweepstakes CW - Sponsored Plaques

Winner	Division	Plaque Category	Plaque Sponsor	Winner	Division	Plaque Category	Plaque Sponsor
N9RV	Overall	Single Operator High Power	Trey Garlough, N5KO	W1QK	New England Division	Single Operator QRP	Icom America
K7BG	Overall	Single Operator Low Power	Radiosport Manitoba - VE4VV Memorial	W1SJ	New England Division	Single Operator Unlimited High Power	Icom America
KP2M (W2GD, op)	Overall	Single Operator QRP	Icom America	KM1X	New England Division	Single Operator Unlimited Low Power	Icom America
K0EU	Overall	Single Operator Unlimited High Power	Icom America	N1QD	New England Division	Multioperator High Power	Icom America
N4ZZ	Overall	Single Operator Unlimited Low Power	Icom America	W1FM	New England Division	Multioperator Low Power	Icom America
K5GO	Overall	Multioperator High Power	Icom America	W1AF	New England Division	School Club	Icom America
N2IC	Overall	Multioperator Low Power	Icom America	N9RV	Northwestern Division	Single Operator High Power	Icom America
K0HC (W0BH, op)	Overall	School Club	Icom America	K7BG	Northwestern Division	Single Operator Low Power	Icom America
AA3B	Atlantic Division	Single Operator High Power	Icom America	W7YAQ	Northwestern Division	Single Operator QRP	Icom America
K3UA	Atlantic Division	Single Operator Low Power	Icom America	W7KF	Northwestern Division	Single Operator Unlimited High Power	Icom America
WR3R	Atlantic Division	Single Operator QRP	Icom America	K7QA	Northwestern Division	Single Operator Unlimited Low Power	Icom America
WR3Z	Atlantic Division	Single Operator Unlimited High Power	Icom America	K7RI	Northwestern Division	Multioperator High Power	Icom America
N3HEE	Atlantic Division	Single Operator Unlimited Low Power	Icom America	KL4SD	Northwestern Division	Multioperator Low Power	Icom America
W3LL	Atlantic Division	Multioperator High Power	Icom America	W7RN (N6TV, op)	Pacific Division	Single Operator High Power	Icom America
W2FU	Atlantic Division	Multioperator Low Power	Icom America	K7GK @W6JZH	Pacific Division	Single Operator Low Power	Icom America
W3YI	Atlantic Division	School Club	Icom America	W6JT1	Pacific Division	Single Operator QRP	Icom America
W9RE	Central Division	Single Operator High Power	Icom America	KH6NF	Pacific Division	Single Operator Unlimited High Power	Icom America
K9UIY	Central Division	Single Operator Low Power	Icom America	K6JS	Pacific Division	Single Operator Unlimited Low Power	Icom America
N9SE	Central Division	Single Operator QRP	Sean Kutzko, KX9X	N6ZFO	Pacific Division	Multioperator High Power	Icom America
K9CT	Central Division	Single Operator Unlimited High Power	Icom America	W0CN	Roanoke Division	Single Operator High Power	Potomac Valley Radio Club
AJ9C	Central Division	Single Operator Unlimited Low Power	Icom America	W4AAA (KK9A, op)	Roanoke Division	Single Operator Low Power	Icom America
W9YK	Central Division	Multioperator High Power	Icom America	K4QPL	Roanoke Division	Single Operator QRP	Icom America
KK9V	Central Division	Multioperator Low Power	Icom America	N1LN	Roanoke Division	Single Operator Unlimited High Power	Icom America
K9IU (K7JOE, op)	Central Division	School Club	Icom America	W4MPS	Roanoke Division	Single Operator Unlimited Low Power	Icom America
W0SD (W0DB, op)	Dakota Division	Single Operator High Power	Minnesota Wireless Association	W4RM	Roanoke Division	Multioperator High Power	Icom America
NA0N @W0ZT	Dakota Division	Single Operator Low Power	Minnesota Wireless Association	WU4NC	Roanoke Division	Multioperator Low Power	Icom America
N0UR	Dakota Division	Single Operator QRP	Tod Olson, K0TO (SK)	N7NG (N6TR, op)	Rocky Mountain Division	Single Operator High Power	Icom America
N0AT (N0KK, op)	Dakota Division	Single Operator Unlimited High Power	Minnesota Wireless Association	K0AV @W0DLE	Rocky Mountain Division	Single Operator Low Power	Icom America
K0MPH	Dakota Division	Single Operator Unlimited Low Power	Minnesota Wireless Association	KROU	Rocky Mountain Division	Single Operator QRP	Icom America
N4OGW	Delta Division	Single Operator High Power	Icom America	K0EU	Rocky Mountain Division	Single Operator Unlimited High Power	Icom America
N5EE	Delta Division	Single Operator Low Power	Icom America	W0ZA	Rocky Mountain Division	Single Operator Unlimited Low Power	Icom America
WF7T	Delta Division	Single Operator QRP	Icom America	N2IC	Rocky Mountain Division	Multioperator Low Power	Icom America
W4NZ	Delta Division	Single Operator Unlimited High Power	Icom America	NX4N	Southeastern Division	Single Operator High Power	Icom America
N4ZZ	Delta Division	Single Operator Unlimited Low Power	Icom America	NP3A	Southeastern Division	Single Operator Low Power	Icom America
K5GO	Delta Division	Multioperator High Power	Icom America	KP2M (W2GD, op)	Southeastern Division	Single Operator QRP	Icom America
N4FR	Delta Division	Multioperator Low Power	Icom America	N4BP	Southeastern Division	Single Operator Unlimited High Power	Icom America
K1LT	Great Lakes Division	Single Operator High Power	Icom America	WP3Q (KB7Q, opp)	Southeastern Division	Single Operator Unlimited Low Power	Icom America
W1NN	Great Lakes Division	Single Operator Low Power	Icom America	AD4ES	Southeastern Division	Multioperator High Power	Icom America
KT8K	Great Lakes Division	Single Operator QRP	Icom America	W4UAL	Southeastern Division	School Club	Icom America
N4QS	Great Lakes Division	Single Operator Unlimited High Power	Icom America	K6LA	Southwestern Division	Single Operator High Power	Icom America
K8BKM	Great Lakes Division	Single Operator Unlimited Low Power	Icom America	W9CF @K8IA/N7RQ	Southwestern Division	Single Operator Low Power	Icom America
W8SH	Great Lakes Division	School Club	Icom America	N7IR	Southwestern Division	Single Operator QRP	Icom America
N2NT (N2NC, op)	Hudson Division	Single Operator High Power	Icom America	K6LL	Southwestern Division	Single Operator Unlimited High Power	Icom America
W2LK	Hudson Division	Single Operator Low Power	Icom America	K6PO	Southwestern Division	Single Operator Unlimited Low Power	Icom America
WS2E	Hudson Division	Single Operator QRP	Icom America	W6YI	Southwestern Division	Multioperator High Power	Icom America
W2VQ	Hudson Division	Single Operator Unlimited High Power	Icom America	NX6T	Southwestern Division	Multioperator Low Power	Icom America
K2DFC	Hudson Division	Single Operator Unlimited Low Power	Icom America	NR5M (K5GA, op)	West Gulf Division	Single Operator High Power	Icom America
AB2DE	Hudson Division	Multioperator High Power	Icom America	W8FN	West Gulf Division	Single Operator Low Power	Icom America
NS0R	Midwest Division	Single Operator High Power	Icom America	K5NZ	West Gulf Division	Single Operator QRP	Icom America
N7WY	Midwest Division	Single Operator Low Power	Icom America	W5NE	West Gulf Division	Single Operator Unlimited High Power	Icom America
N0AX	Midwest Division	Single Operator QRP	Icom America	N5ZC	West Gulf Division	Single Operator Unlimited Low Power	Icom America
N0XR @N0NI	Midwest Division	Single Operator Unlimited High Power	Icom America	K5CM	West Gulf Division	Multioperator Low Power	Icom America
K0VBU	Midwest Division	Single Operator Unlimited Low Power	Icom America	VE7AAA (KL7SB, op)	Canada Division	Single Operator High Power	Icom America
AB0S	Midwest Division	Multioperator High Power	Icom America	VE3KI	Canada Division	Single Operator Low Power	Icom America
KB5ENP	Midwest Division	Multioperator Low Power	Icom America	VE6EX	Canada Division	Single Operator QRP	Icom America
K0HC (W0BH, op)	Midwest Division	School Club	Icom America	VE7CC	Canada Division	Single Operator Unlimited High Power	Icom America
K5ZD	New England Division	Single Operator High Power	Icom America	VE5MX	Canada Division	Single Operator Unlimited Low Power	Icom America
K1TR	New England Division	Single Operator Low Power	Icom America	VE4EA	Canada Division	Multioperator Low Power	Icom America