



ARRL November CW Sweepstakes 2018 Full Results

By Kelly Taylor VE4XT (ve4xt@mymts.net)

Will Sweepstakes serve up the dessert, the main-dish meat-and-potatoes, or the kale?

Chris, NX4N, sums up perfectly how many Sweepstakes operators feel on Sunday, and his humorous recounting in culinary terms very closely approximates the 24-hour buffet that was the 2018 ARRL Sweepstakes CW.

“It starts Saturday with dessert. The sugar rush of fast rates is balanced by meat-and-potato mults, and that VE8 tastes just like a juicy ribeye,” he writes. “You go to bed satiated and happy, and if you are lucky, you even enjoy a fine liqueur that is your 83rd mult before an early sleep. Sweet dreams.

“But then the sublime feelings of Sunday morning coffee and eagerness are replaced with the dread of the next course — time for the kale that is Sunday.”



It’s kale time! NX4N demonstrates his feelings about Sunday Sweepstakes rates. It’s really spinach, but that’s OK — we get it. (Photo by Chris Blake, NX4N)

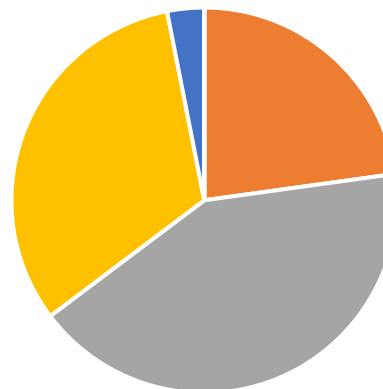
Welcome to Sweepstakes at the bottom of the cycle: when 10-meters is a wasteland, 15 only slightly better and the bulk of activity is concentrated on 20 during the day.

How bad was 10-meters? The log data show 14 QSOs, but since each likely also showed up in another log, it’s possible there were as few as seven QSOs on 28 MHz. [You can’t even see the 10-meter slice of 14 QSOs or the 160-meter slice of 27 QSOs in this year’s pie! — Ed.] From the author’s cottage near Grand Beach, Manitoba, switching to 10-meters was like unplugging the antenna.



PRINCIPAL AWARDS SPONSOR

QSOs by Band



■ 160 ■ 80 ■ 40 ■ 20 ■ 15 ■ 10

Category Abbreviations and Precedences

- SOHP = Single Operator, High Power (B)
- SOLP = Single Operator, Low Power (A)
- SOQRP = Single Operator, QRP (Q)
- SOUHP = Single Operator Unlimited, High Power (U)
- SOLUP = Single Operator Unlimited, Low Power (U)
- SOUQRP = Single Operator Unlimited, QRP (U)
- MSHP = Multioperator, Single Transmitter, High Power (M)
- MSLP = Multioperator, Single Transmitter, Low Power (M)
- S = School Club (S)

Single Operator Unlimited, High Power (SOUHP)

KØEU	210,654
KH7B (K4XS, op)	207,002
VE5MX	202,354
N8OO	197,948
K9CT	191,896
K6LL	191,398
N5ZO	190,568
N4BP	185,976
W2FU (N2ZN, op)	185,920
K3MM	180,728

Fifteen-meters provided good openings for many stations to KH6, where Bill, KH7XS, was happy to oblige with a KH7B QSO, 376 of them, to be exact. For some, it would be the best way to snag the Pacific section. Bill’s total of 1,247 QSOs and sweep was good for 207,002 points, or

second place in SOUHP, just behind Randy, KØEU, whose 1,269 QSOs and a sweep gives him the title with 210,654 points.

With the conditions, 40-meters was the money for both of them. Indeed, 40 was the place to be for almost everyone in the Top 10. For Tor, N4OGW, SS might have been a bust if not for 40: he made nearly 65 per cent of his 1,198 QSOs there. If there was an award for 40-meter QSOs, Tor takes it with 776, followed by John, K4BAI, at 717. One of the few exceptions was the SOHP winner, Steve, N2IC, whose biggest band was 20-meters.

Single Operator, High Power (SOHP)

N2IC	224,266
N9RV	220,282
NR5M (K5GA, op)	214,804
W7RN (N6TV, op)	213,974
W7RM (N6TR, op)	205,840
KDØS (WDØT, op)	200,556
WØUA	200,030
N2NT (N2NC, op)	197,706
N4OGW	196,472
VY2ZM	195,816

Single Operator, Low Power (SOLP)

K4RO	171,558
WJ9B	165,402
NAØN (@WØZT)	164,754
W1NN	156,654
K2PO	156,620
WØEWD	154,980
K4XU	154,546
K1XM	148,392
W8WTS	147,582
N9CK	144,976

CW Sweepstakes is filled with call signs of stations not often heard in many contests, particularly CW contests. It brings out a large following, attracted perhaps by the skill required to decode a lengthy exchange, making it more than a call sign-copying contest. Perhaps the attraction is it's the kind of contest where smaller stations can do disproportionately well. Part of that is the great equalizer of Sweepstakes, the one-QSO rule. Whereas in some contests superstations can work their socks off on the high bands and then switch to 80 and use their four-squares, Yagis or curtains to work everybody again, the big stations are largely limited to the same stations everyone else is: the close-in stations they skip right over on higher bands.

Case in point: the author travelled to his cottage on the shores of Lake Winnipeg, where, for now, he has just a Carolina Windom 80 up 31 feet in the trees. Running 100 watts, he sustained high-rate runs for stretches at a time and broke nearly every pileup he heard. Between the rigours of survival — stoking the woodstove, cooking, melting snow for water — landmarks came and went, ending with 356 QSOs and 73 multipliers. Whether it's wires or makeshift antennas such as downspouts or even unused cable-TV coax, Sweepstakes offers something for everyone.

“I have to admit, this was the first SS in which I participated with any real interest in 41 years as a ham,” writes Harv, K2PI. “This was a blast! I came within less than 10 QSOs of a sweep, and I absolutely loved the challenge of copying the exchange. I even had multiple pileups going several times. You can bet I will be back next year.”



It looks like Harv, K2PI really enjoyed his first serious Sweepstakes. Clean Sweep mugs can't be too far away after a smile like that! (Photo from Robert Harvey, K2PI)

Single Operator Unlimited, Low Power (SOULP)

KB7Q	167,670
W6YX (N7MH, op)	165,004
N4ZZ	164,754
W4AAA (KK9A, op)	151,700
N9CO	143,856
K4FXN	141,204
K3MD	136,120
N3HEE	135,464
K1TR	135,464
NØAC	133,004

Dave, K6DAJ, stocked up on Chinese take-out food and settled in for a frustrating Saturday, but things turned around Sunday.

“Wow! That was fun, frustrating and fantastic in that order,” he writes. “The first day, my poor little station just couldn’t get any traction, so had to resort to S&P with the missed jump balls, etc.

“Given the state of things, I decided to get a full night’s sleep. (Sunday was) a different story: I was able to run for hours and hours. That was more like it!”

If you’re the kind of operator who says “life is too short for QRP,” you may or may not appreciate John, N6HI’s, achievement. “I set a new SS record for myself,” he writes. “Ninety-eight QSOs (89 after log-checking) with 1/2 watt, which is my normal SS power level.”

Not only did he nearly break the century mark, John also snagged 49 sections. “My hearty congrats and thanks to all for your patience. Most of you copied the exchange perfectly on the first go, with repeats very rare, a testament to your stations and your skills!”

Single Operator, QRP (SOQRP)

N5EE	100,320
KØAV	95,040
VE3VN	93,220
NØUR	92,040
K8BKM	88,960
N7IR	88,954
WB9Z	86,240
VE6EX	84,700
W6JTI	80,838
K3TW	80,080

Perhaps it’s a reflection of the Sunday doldrums, where stations who either had a soft start or weren’t on Saturday are suddenly fresh meat on Sunday, and ripe for pickings. The author came across one pileup worthy of Heard Island Sunday in the early afternoon. When the smoke cleared, it was a station in Illinois, hardly a rare one.

“SS CW never disappoints in the awesome challenge it offers,” writes Tim, K7XC, another whose station hardly fits into the superstation category. “SWEEP!

“Worked KP4 loud on 40-meters with 15 minutes left in the event. What a weekend!”

Tim reports using a fan dipole for 40 and 80 at 38 feet, a three-element 20-meter monobander at 43 feet, three

element monobander on 15 at 28 feet and a four-element monobander on 10 at 24 feet, all fed by a Flex 3000 software-defined transceiver and Amertron AL-80B amp. “Thanks to all who put me in your log.”

Multioperator, Single Transmitter, High Power (MSHP)

KØWA	203,360
AA5B	192,208
NØAX	187,414
N6RO	182,102
KY7M	175,462
N4WW	165,476
K5RT	163,508
N1QD	158,916
VA7DX	147,680
NX6T	143,258

Multioperator, Single Transmitter, Low Power (MSLP)

NØAT	155,800
W8TK	139,564
K1TTT	117,916
N1IX	91,676
N4FR	89,440
W4TG	76,908
W1FM	72,738
KA9VVQ	55,440
K4FT	48,600
WDØGTU	38,078

School Club (S)

KØHC	151,372
W4AQL	68,800
N5XU	35,964
WØEEE	25,650
W8EDU	2,208

The team at KØWA (the proprietor along with ABØS and WØNO) scored a decisive win in MSHP, setting a new Midwest Division record from Kansas. Taking a quick look at KØWA contest history on the new ARRL Contest page (contests.arrl.org/certificates.php) shows that Lee is pretty serious about Sweepstakes! [*Having gone head-to-head with Lee at the Kansas State Univ club, WØQQQ, back my college days, this is not new behavior from him! — Ed.*] Kansas was also home to School Club champ KØHC where Bob, WØBH, piloted the Hesston College

club on CW. A student crew was reported to be getting ready for Phone Sweeps so this was a good warmup!

KØWA was hotly pursued by the AA5B crew in New Mexico who put some fire in their wires. Bruce relates that, “As always at my station, we used all wire antennas. This time I beefed up a little and tried a wire Yagi on 20 meters, but maybe 25 feet is a little too low for these punk conditions!”

In MSLP, Ron, NØAT, decided to pair up with his guest single operator from 2017, Kirk, NØKK, for a run at the category win. The decision paid off, with NØAT winning by just more than 16,000 points over No. 2 W8TK (Paul, K7AZT, Larry, KE2VB and Tom, W8TK).

New Records

It may seem weird to be talking records from a contest when conditions were so horrible, but it happens. No overall records were broken, predictably, but some division, region and section records did fall.

New Division Records

Canada SOUHP	VE5MX	202,354
Pacific SOULP	W6YX (N7MH op)	165,004
Midwest MSHP	KØWA	203,360
Dakota MSLP	NØAT	155,800

Todd, VE5MX, set a Canadian Single Operator Unlimited High Power record with 202,354 points from his home in southeast Saskatchewan. W6YX set a Pacific record in Single Operator Unlimited Low Power from the Santa Clara Valley with 165,004 points. KØWA broke the Midwest record in Multioperator Single Transmitter High Power with 203,360 points, while NØAT took the Dakota record in Multioperator Single Transmitter Low Power with 155,800 points from Minnesota.



A noteworthy section record was set in Manitoba, but with the operator situated in Ontario. Rich, VE3KI, using the call VE4AEO and the Winnipeg station of Cary, VE4EA, set a record with 157,526 points in SOHP. Rich was operating remotely from his home near Ottawa. (Photo from Rich Ferch, VE3KI)

Photo Finishes

Nearly 1,300 operators submitted logs in 2018, but only 10 in each category will make it into a Top 10 box, where the results speak for themselves. So to find the really close battles, diving into the regional boxes provides some startling results. The closest battle regionally has to go to Ed, K1TR, and Joe, N3HEE, in the Northeast Division, SOULP. The difference? Zero. Both had 826 QSOs and 82 sections for 135,432. More interesting? John, K3MD, who won the division in that category, had six fewer QSOs but with the sweep edged both out of top spot by a mere 688 points.

A similar battle ensued in the Northeast for Single Operator High Power, between Jeff, VY2ZM, and N2NT (John, N2NC, op.). Jeff scored three more QSOs, but by missing the sweep, missed out taking the region by 1,890 points.

In the Southeast Region, the fight between John, K4BAI, and Gary, K5KU, for third spot in SOHP came down to sections: John 1,009 QSOs and 83 sections beat Gary’s 1,042 QSOs and 80 sections by 774 points. Similarly, Ric, WO4O, missed overtaking K5KU despite scoring two more sections. Ric’s 1,010 QSOs and 82 sections was 1,080 points shy. Tight!

In the West Coast Region, the top spot in QRP came down to 13 QSOs and two sections. Gary, N7IR, edged Dan, VE6EX, with 563 QSOs and 79 sections (88,954 points) to 550 QSOs and 77 sections (84,700 points.)

In the Midwest Region, the fight for fourth spot in SOULP came down to six QSOs. Sam, K5KJ, beat Bill, NUØQ, 682 QSOs and 82 sections (111,848 points) to 676 QSOs and 82 sections (110,864 points).

Getting Swept Up

Chuck, NN2L, summed up precisely what, again, made a sweep so difficult. “VI was super hard to snag this year!” No kidding. Only one station, NP3X, operated by Fred, K9VV, submitted a log, and he made 135 contacts. Puerto Rico was not much easier, with a combined 228 QSOs between two stations. (Such numbers do not count QSOs removed from these three stations’ logs, which, barring a mistake on the other end as well, would still count for the other stations.) The islands are still recovering from the hurricanes of 2017. See Fred’s remarks on the next page.

Even the Northern Territories section wasn’t as difficult, with three stations reporting — again, after log-checking — 496 QSOs. Most of the other traditionally difficult sections — Newfoundland and Labrador, Manitoba, Saskatchewan — were relative cakewalks, with only NL

reporting fewer than 1,000 QSOs, and even at that there were approximately 800 QSOs reported.

“Operated fewer than four hours but got over half the sections,” writes Paul, WB9QAF. “I’ll be back next year for sure! I’ll be better then. Promise.”

Well, Paul, get your Flex and 500-foot loop ready, because the next ARRL Sweepstakes CW is Nov. 2 to 4, 2019. See you there!

The Reason for Copying What You Hear

In the aftermath of twin Category Five hurricanes Irma and Maria, the sections of Puerto Rico and the US Virgin Islands were devastated beyond belief. Keeping with tradition, radio amateurs answered the call and handled numerous types of traffic. You name, they handled it. Health & Welfare, governmental, medical evacuation, military, relief, etc. Thousands of hours were unselfishly volunteered by those amateurs who answered the call.

Especially important were details associated with medical evacuations. One miscopied letter of an abbreviation of a patient’s medical condition could mean the difference between life and death. A miscopied digit could mean a magnitude of difference in requested supplies. An incorrect digit in the tide level could mean a critical relief ship could not enter port. Accuracy was paramount in this “contest”.

Puerto Rico and the USVI share a special bond. Aside from migration of “Continental” from the mainland US to the USVI, Puerto Ricans comprise the second largest source of “immigrants” in the USVI. The bond is so strong that the USVI holds annual “Puerto Rico-USVI Friendship” parades.

To recognize the PR-USVI bond which was further strengthened by hurricane Maria, club stations NP2X and NP3X were activated for the 2018 SS CW contest. It is appropriate that the Sweepstakes contest’s traffic handling roots played such a critical role in the recovery of both Puerto Rico and the USVI.

As the hurricanes stretched relief and recovery resources far beyond capabilities, it was decided to recognize this and do the same in Sweepstakes. To further challenge the copying skills of expert operators, and in recognition of post-storm accuracy required by amateur traffic handlers, club stations in both sections would “trade places.” While the thought of an NP3 station being located in the USVI may seem odd, in those times of post-storm dire needs, people didn’t care what your call sign was, or where you were from. In the end, good traffic handlers accurately and expeditiously copied what was sent and relayed the message to its destination.

73, Fred K9VV

Regional Leaders

West Coast Region

(Pacific, Northwestern and Southwestern Divisions; Alberta, British Columbia and NT Sections)

N9RV	220,282	SOHP
W7RN (N6TV, op)	213,974	SOHP
W7RM (N6TR, op)	205,840	SOHP
K7RL	187,288	SOHP
K6LA	184,828	SOHP
WJ9B	165,402	SOLP
K2PO	156,620	SOLP
K4XU	154,546	SOLP
WC7CW (K7BG, op)	111,360	SOLP
W6AYC	105,702	SOLP
N7IR	88,954	SOQRP
VE6EX	84,700	SOQRP
W6JTI	80,838	SOQRP
N7CW	75,360	SOQRP
W7YAQ	62,712	SOQRP
KH7B (K4XS, op)	207,002	SOUHP
K6LL	191,398	SOUHP
N5ZO	190,568	SOUHP
W6SX	162,486	SOUHP
AA6PW	161,518	SOUHP
KB7Q	167,670	SOULP
W6YX (N7MH, op)	165,004	SOULP
W7ZRC	118,400	SOULP
K6JS	104,796	SOULP
K6WSC	77,922	SOULP
N6RO	182,102	MSHP
KY7M	175,462	MSHP
VA7DX	147,680	MSHP
NX6T	143,258	MSHP
W6RFU	138,252	MSHP
W8TK	139,564	MSLP

Midwest Region

(Dakota, Midwest, Rocky Mountain and West Gulf Divisions; Manitoba and Saskatchewan Sections)

N2IC	224,266	SOHP
NR5M (K5GA, op)	214,804	SOHP
KDØS (WDØT, op)	200,556	SOHP
WØUA	200,030	SOHP
N3BB	193,520	SOHP
NAØN (@WØZT)	164,754	SOLP
WØEWD	154,980	SOLP
WØUO	143,370	SOLP
WD5K	127,654	SOLP
VE5SF	120,682	SOLP
KØAV	95,040	SOQRP
NØUR	92,040	SOQRP
WBØGAZ (@WØDLE)	70,224	SOQRP
NØLY	52,050	SOQRP
K9DU	51,800	SOQRP
KØEU	210,654	SOUHP
VE5MX	202,354	SOUHP
NØXR (@NØNI)	177,448	SOUHP
KTØA	166,788	SOUHP
W5NE	147,272	SOUHP
NØAC	133,004	SOULP

KØVBU	128,952	SOULP
WØZA	116,316	SOULP
K5KJ	111,848	SOULP
NUØQ	110,864	SOULP
KØWA	203,360	MSHP
AA5B	192,208	MSHP
NØAX	187,414	MSHP
K5RT	163,508	MSHP
NN5K	136,940	MSHP
NØAT	155,800	MSLP
WDØGTU	38,078	MSLP
KØHC	151,372	S
N5XU	35,964	S
WØEEE	25,650	S

Central Region

(Central and Great Lakes Divisions; Ontario East, Ontario North, Ontario South, and Greater Toronto Area Sections)

W9RE	192,780	SOHP
VE3NNT	156,292	SOHP
NA8V	147,096	SOHP
K9ZO	147,076	SOHP
WI9WI	138,566	SOHP
W1NN	156,654	SOLP
W8WTS	147,582	SOLP
N9CK	144,976	SOLP
W8CAR	138,408	SOLP
K9UIY	114,192	SOLP
VE3VN	93,220	SOQRP
K8BKM	88,960	SOQRP
WB9Z	86,240	SOQRP
N8BB	63,448	SOQRP
N8XX	27,264	SOQRP
K9CT	191,896	SOUHP
N4QS	166,166	SOUHP
K1LT	163,842	SOUHP
AA9A (KB9OWD, op)	161,020	SOUHP
N9LQ	135,956	SOUHP
N9CO	143,856	SOULP
K4FXN	141,204	SOULP
W9XT	126,326	SOULP
VE3YT	125,296	SOULP
K8BL	121,196	SOULP
W9YK	80,676	MSHP
N8TR	76,230	MSHP
AC8E	65,208	MSHP
K8MR	59,128	MSHP
NT8V	53,464	MSHP
KA9VVQ	55,440	MSLP
K4FT	48,600	MSLP
N9MT	22,770	MSLP
W8EDU	2,208	S

Southeast Region

(Delta, Roanoke and Southeastern Divisions)

N4OGW	196,472	SOHP
N4AF (NY4A, op)	184,336	SOHP
K4BAI	167,494	SOHP
K5KU	166,720	SOHP
WO4O	165,640	SOHP
K4RO	171,558	SOLP
WW4XX (LZ4AX, op)	134,626	SOLP

N4KS	123,872	SOLP
KG5HVO	117,710	SOLP
K7SV	116,000	SOLP
N5EE	100,320	SOQRP
K3TW	80,080	SOQRP
W7IY	72,600	SOQRP
N4UW	61,138	SOQRP
N3GO	47,520	SOQRP
N8OO	197,948	SOUHP
N4BP	185,976	SOUHP
N4EEB	171,872	SOUHP
N1LN	164,008	SOUHP
W4NF	158,922	SOUHP
N4ZZ	164,754	SOULP
W4AAA (KK9A, op)	151,700	SOULP
AA4NC	129,560	SOULP
N4KH	122,310	SOULP
KG3V	109,020	SOULP
N4WW	165,476	MSHP
W4MLB	107,748	MSHP
WA9JBR	89,440	MSHP
W4ZYT	33,540	MSHP
N4FR	89,440	MSLP
W4TG	76,908	MSLP
W4AQL	68,800	S

Northeast Region

(New England, Hudson and Atlantic Divisions; Maritime and Quebec Sections)

N2NT (N2NC, op)	197,706	SOHP
VY2ZM	195,816	SOHP
K5ZD	193,888	SOHP
AA3B	193,520	SOHP
W2RQ	179,114	SOHP
K1XM	148,392	SOLP
K1VUT	138,882	SOLP
W2ID	127,264	SOLP
W1QK	118,720	SOLP
K3WU	108,240	SOLP
WR3R	60,680	SOQRP
NA1ME	53,130	SOQRP
K1MZM	36,210	SOQRP
K1SX	27,744	SOQRP
K2YGM	21,312	SOQRP
W2FU (N2ZN, op)	185,920	SOUHP
K3MM	180,728	SOUHP
W1SJ	170,396	SOUHP
WR3Z	165,312	SOUHP
N2MM	162,514	SOUHP
K3MD	136,120	SOULP
K1TR	135,464	SOULP
N3HEE	135,464	SOULP
NW3Y	89,806	SOULP
W3EC (K3NK, op)	84,132	SOULP
N1QD	158,916	MSHP
W1OO	142,884	MSHP
N3DPB	89,142	MSHP
WA3EKL	85,536	MSHP

K3CCR	54,668	MSHP
K1TTT	117,916	MSLP
N1IX	91,676	MSLP
W1FM	72,738	MSLP
NO3U	32,092	MSLP

Division Winners

Single Operator, High Power

Atlantic	AA3B	193,520
Central	W9RE	192,780
Dakota	KDØS (WDØT, op)	200,556
Delta	N4OGW	196,472
Great Lakes	NA8V	147,096
Hudson	N2NT (N2NC, op)	197,706
Midwest	KØDEQ	112,960
New England	K5ZD	193,888
Northwestern	N9RV	220,282
Pacific	W7RN (N6TV, op)	213,974
Roanoke	N4AF (NY4A, op)	184,336
Rocky Mountain	N2IC	224,266
Southeastern	K4BAI	167,494
Southwestern	K6LA	184,828
West Gulf	NR5M (K5GA, op)	214,804
Canada	VY2ZM	195,816

Single Operator, Low Power

Atlantic	K3WU	108,240
Central	N9CK	144,976
Dakota	NAØN (@WØZT)	164,754
Delta	K4RO	171,558
Great Lakes	W1NN	156,654
Hudson	W2ID	127,264
Midwest	WØEWD	154,980
New England	K1XM	148,392
Northwestern	WJ9B	165,402
Pacific	N6SJ	80,422
Roanoke	K7SV	116,000
Rocky Mountain	WØYBS	102,648
Southeastern	WW4XX (LZ4AX, op)	134,626
Southwestern	W6AYC	105,702
West Gulf	WØUO	143,370
Canada	VE5SF	120,682

Single Operator, QRP

Atlantic	WR3R	60,680
Central	WB9Z	86,240
Dakota	NØUR	92,040
Delta	N5EE	100,320
Great Lakes	K8BKM	88,960
Hudson	K2YGM	21,312
Midwest	NØLY	52,050
New England	NA1ME	53,130
Northwestern	W7YAQ	62,712
Pacific	W6JTI	80,838
Roanoke	W7IY	72,600
Rocky Mountain	KØAV	95,040
Southeastern	K3TW	80,080
Southwestern	N7IR	88,954
West Gulf	K5NZ	50,358
Canada	VE3VN	93,220

Single Operator Unlimited, High Power

Atlantic	W2FU (N2ZN, op)	185,920
Central	K9CT	191,896
Dakota	KTØA	166,788
Delta	N8OO	197,948
Great Lakes	N4QS	166,166
Hudson	KR2AA	103,976
Midwest	NØXR (@NØNI)	177,448
New England	W1SJ	170,396
Northwestern	K7QA	143,046
Pacific	KH7B (K4XS, op)	207,002
Roanoke	N1LN	164,008
Rocky Mountain	KØEU	210,654
Southeastern	N4BP	185,976
Southwestern	K6LL	191,398
West Gulf	W5NE	147,272
Canada	VE5MX	202,354

School Club

Great Lakes	W8EDU	2,208
Midwest	KØHC	151,372
Southeastern	W4AQL	68,800
West Gulf	N5XU	35,964

Single Operator Unlimited, Low Power

Atlantic	K3MD	136,120
Central	N9CO	143,856
Dakota	WØPI	97,848
Delta	N4ZZ	164,754
Great Lakes	K4FXN	141,204
Hudson	K2DFC	68,552
Midwest	NØAC	133,004
New England	K1TR	135,464
Northwestern	KB7Q	167,670
Pacific	W6YX (N7MH, op)	165,004
Roanoke	W4AAA (KK9A, op)	151,700
Rocky Mountain	WØZA	116,316
Southeastern	N4KH	122,310
Southwestern	K6WSC	77,922
West Gulf	K5KJ	111,848
Canada	VE3YT	125,296

Multioperator, Single Transmitter, High Power

Atlantic	N3DPB	89,142
Central	W9YK	80,676
Delta	WA9JBR	89,440
Great Lakes	N8TR	76,230
Hudson	WA2JQK	29,376
Midwest	KØWA	203,360
New England	N1QD	158,916
Northwestern	K7RI	125,926
Pacific	N6RO	182,102
Roanoke	W4ZYT	33,540
Rocky Mountain	AA5B	192,208
Southeastern	N4WW	165,476
Southwestern	KY7M	175,462
West Gulf	K5RT	163,508
Canada	VA7DX	147,680

Multioperator, Single Transmitter, Low Power

Atlantic	NO3U	32,092
Central	KA9VVQ	55,440
Dakota	NØAT	155,800
Delta	N4FR	89,440
Great Lakes	K4FT	48,600
New England	K1TTT	117,916
Roanoke	W4TG	76,908
Southwestern	W8TK	139,564
West Gulf	WDØGTU	38,078

ARRL Sweepstakes CW – Sponsored Plaque Winners

<i>Winner</i>	<i>Division</i>	<i>Category</i>	<i>Sponsor</i>
N2IC	Overall	Single Operator High Power CW	Trey Garlough, N5KO
K4RO	Overall	Single Operator Low Power CW	Radiosport Manitoba - VE4VV Memorial
N5EE	Overall	Single Operator QRP CW	Icom America
KØEU	Overall	Single Operator Unlimited High Power CW	Icom America
KB7Q	Overall	Single Operator Unlimited Low Power CW	Icom America
KØWA	Overall	Multioperator High Power CW	Icom America
NØAT (+NØKK)	Overall	Multioperator Low Power CW	Icom America
KØHC (WØBH, op)	Overall	School Club CW	Icom America
AA3B	Atlantic Division	Single Operator High Power CW	Icom America
K3WU	Atlantic Division	Single Operator Low Power CW	Icom America
WR3R	Atlantic Division	Single Operator QRP CW	Icom America
W2FU (N2ZN, op)	Atlantic Division	Single Operator Unlimited High Power CW	Icom America
K3MD	Atlantic Division	Single Operator Unlimited Low Power CW	Icom America
N3DPB	Atlantic Division	Multioperator High Power CW	Icom America
NO3U	Atlantic Division	Multioperator Low Power CW	Icom America
W9RE	Central Division	Single Operator High Power CW	Society Of Midwest Contesters
N9CK	Central Division	Single Operator Low Power CW	Society Of Midwest Contesters
WB9Z	Central Division	Single Operator QRP CW	Icom America
K9CT	Central Division	Single Operator Unlimited High Power CW	Society of Midwest Contesters
N9CO	Central Division	Single Operator Unlimited Low Power CW	Society of Midwest Contesters
W9YK	Central Division	Multioperator High Power CW	Icom America
KA9VVQ	Central Division	Multioperator Low Power CW	Icom America
KDØS (WDØT, op)	Dakota Division	Single Operator High Power CW	Minnesota Wireless Association - In memory of Tod Olson, KØTO
NAØN (@WØZT)	Dakota Division	Single Operator Low Power CW	Minnesota Wireless Association
NØUR	Dakota Division	Single Operator QRP CW	Minnesota Wireless Association
KTØA	Dakota Division	Single Operator Unlimited High Power CW	Minnesota Wireless Association - In memory of Jim Dokmo, KØFVF
WØPI	Dakota Division	Single Operator Unlimited Low Power CW	Minnesota Wireless Association
NØAT	Dakota Division	Multioperator Low Power CW	Icom America
N4OGW	Delta Division	Single Operator High Power CW	Icom America
K4RO	Delta Division	Single Operator Low Power CW	Icom America
N5EE	Delta Division	Single Operator QRP CW	Icom America
N8OO	Delta Division	Single Operator Unlimited High Power CW	Icom America
N4ZZ	Delta Division	Single Operator Unlimited Low Power CW	Icom America
WA9JBR	Delta Division	Multioperator High Power CW	Icom America
N4FR	Delta Division	Multioperator Low Power CW	Icom America
NA8V	Great Lakes Division	Single Operator High Power CW	Icom America
W1NN	Great Lakes Division	Single Operator Low Power CW	Icom America
K8BKM	Great Lakes Division	Single Operator QRP CW	Icom America
N4QS	Great Lakes Division	Single Operator Unlimited High Power CW	Icom America
K4FXN	Great Lakes Division	Single Operator Unlimited Low Power CW	Icom America
N8TR	Great Lakes Division	Multioperator High Power CW	Icom America
K4FT	Great Lakes Division	Multioperator Low Power CW	Icom America
W8EDU	Great Lakes Division	School Club CW	Icom America

N2NT	Hudson Division	Single Operator High Power CW	Icom America
W2ID	Hudson Division	Single Operator Low Power CW	Icom America
K2YGM	Hudson Division	Single Operator QRP CW	Icom America
KR2AA	Hudson Division	Single Operator Unlimited High Power CW	Icom America
K2DFC	Hudson Division	Single Operator Unlimited Low Power CW	Icom America
WA2JQK	Hudson Division	Multioperator High Power CW	Icom America
KØDEQ	Midwest Division	Single Operator High Power CW	Icom America
WØEWD	Midwest Division	Single Operator Low Power CW	Icom America
NØLY	Midwest Division	Single Operator QRP CW	Icom America
NØXR (@NØNI)	Midwest Division	Single Operator Unlimited High Power CW	Icom America
NØAC	Midwest Division	Single Operator Unlimited Low Power CW	Icom America
KØWA	Midwest Division	Multioperator High Power CW	Icom America
KØHC (WØBH, op)	Midwest Division	School Club CW	Icom America
K5ZD	New England Division	Single Operator High Power CW	Icom America
K1XM	New England Division	Single Operator Low Power CW	Icom America
NA1ME	New England Division	Single Operator QRP CW	Icom America
W1SJ	New England Division	Single Operator Unlimited High Power CW	Icom America
K1TR	New England Division	Single Operator Unlimited Low Power CW	Icom America
N1QD	New England Division	Multioperator High Power CW	Icom America
K1TTT	New England Division	Multioperator Low Power CW	Icom America
N9RV	Northwestern Division	Single Operator High Power CW	Icom America
WJ9B	Northwestern Division	Single Operator Low Power CW	Icom America
W7YAQ	Northwestern Division	Single Operator QRP CW	Icom America
K7QA	Northwestern Division	Single Operator Unlimited High Power CW	Icom America
KB7Q	Northwestern Division	Single Operator Unlimited Low Power CW	Icom America
K7RI	Northwestern Division	Multioperator High Power CW	Icom America
W7RN (N6TV, op)	Pacific Division	Single Operator High Power CW	Icom America
N6SJ	Pacific Division	Single Operator Low Power CW	Icom America
W6JTI	Pacific Division	Single Operator QRP CW	Icom America
KH7B (K4XS, op)	Pacific Division	Single Operator Unlimited High Power CW	Icom America
W6YX (N7MH, op)	Pacific Division	Single Operator Unlimited Low Power CW	Icom America
N6RO	Pacific Division	Multioperator High Power CW	Icom America
N4AF (NY4A, op)	Roanoke Division	Single Operator High Power CW	Potomac Valley Radio Club
K7SV	Roanoke Division	Single Operator Low Power CW	Icom America
W7IY	Roanoke Division	Single Operator QRP CW	Icom America
N1LN	Roanoke Division	Single Operator Unlimited High Power CW	Icom America
W4AAA (KK9A, op)	Roanoke Division	Single Operator Unlimited Low Power CW	Icom America
W4ZYT	Roanoke Division	Multioperator High Power CW	Icom America
W4TG	Roanoke Division	Multioperator Low Power CW	Icom America
N2IC	Rocky Mountain Division	Single Operator High Power CW	Icom America
WØYBS	Rocky Mountain Division	Single Operator Low Power CW	Icom America
KØAV	Rocky Mountain Division	Single Operator QRP CW	Icom America
KØEU	Rocky Mountain Division	Single Operator Unlimited High Power CW	Icom America
WØZA	Rocky Mountain Division	Single Operator Unlimited Low Power CW	Icom America
AA5B	Rocky Mountain Division	Multioperator High Power CW	Icom America
K4BAI	Southeastern Division	Single Operator High Power CW	Icom America

WW4XX (LZ4AX, op)	Southeastern Division	Single Operator Low Power CW	Icom America
K3TW	Southeastern Division	Single Operator QRP CW	Icom America
N4BP	Southeastern Division	Single Operator Unlimited High Power CW	Icom America
N4KH	Southeastern Division	Single Operator Unlimited Low Power CW	Icom America
N4WW	Southeastern Division	Multioperator High Power CW	Icom America
W4AQL	Southeastern Division	School Club CW	Icom America
K6LA	Southwestern Division	Single Operator High Power CW	Icom America
W6AYC	Southwestern Division	Single Operator Low Power CW	Icom America
N7IR	Southwestern Division	Single Operator QRP CW	Icom America
K6LL	Southwestern Division	Single Operator Unlimited High Power CW	Icom America
K6WSC	Southwestern Division	Single Operator Unlimited Low Power CW	Icom America
KY7M	Southwestern Division	Multioperator High Power CW	Icom America
W8TK	Southwestern Division	Multioperator Low Power CW	Icom America
NR5M (K5GA, op)	West Gulf Division	Single Operator High Power CW	Icom America
WØUO	West Gulf Division	Single Operator Low Power CW	Icom America
K5NZ	West Gulf Division	Single Operator QRP CW	Icom America
W5NE	West Gulf Division	Single Operator Unlimited High Power CW	Icom America
K5KJ	West Gulf Division	Single Operator Unlimited Low Power CW	Icom America
K5RT	West Gulf Division	Multioperator High Power CW	Icom America
WDØGTY	West Gulf Division	Multioperator Low Power CW	Icom America
N5XU (AA5BT, op)	West Gulf Division	School Club CW	Icom America
VY2ZM	Canada Division	Single Operator High Power CW	Icom America
VE5SF	Canada Division	Single Operator Low Power CW	Icom America
VE3VN	Canada Division	Single Operator QRP CW	Icom America
VE5MX	Canada Division	Single Operator Unlimited High Power CW	Icom America
VE3YT	Canada Division	Single Operator Unlimited Low Power CW	Icom America
VA7DX	Canada Division	Multioperator High Power CW	Icom America