



ARRL International DX Contest CW 2020 Full Results

By Mark Beckwith, N5OT (n5ot@arrl.net)

In DX Contesting, failure is NOT an option!

The story of the 2020 ARRL International DX Contest (CW) at 8P5A begins not with success, but with failure. Four failures, actually. “Though Yuri, at TO4A, and Andy, at V47T, held my attention all weekend, the real story is the fact it took five amplifiers to finish,” says Tom, W2SC, owner of the Barbados powerhouse, and perennial favorite to win, as he did this year.

“About 34 hours in, there was a loud zapping sound. It was a slow time and it startled me. At first, I thought it was the headphones since my headphones make nasty sounds when the battery dies. However, a burning smell soon followed. The directional nose test led me to the amplifier's power supply.”

Tom says there was a litany of issues with multiple amplifiers that he was able to address by staying true to his own best practice of keeping a solid inventory of spares and trying hard not to fixate on failures. “It took hours for me to stop mentally debugging what failed in that first amp. I worked hard to resist the urge to stop and look at it. I used five amps this weekend and still had one to spare.”

“There was a pretty decent opening on 10 meters on Sunday, but the low bands were just tremendous. Even better than last year.” Not only did Tom manage nearly 300 QSOs on 10 meters, he worked more than 600 stations on 160 as well. He bested rival and friend Andy N2NT operating V47T on St. Kitts to take first place in Single Operator High Power.

Andy's will to go on was sapped when his 40-meter Yagi failed Friday night. When talking to friends, he was heard to say “I think I could have given Tom some competition if everything had worked.” When he was ready to throw in the towel after only four hours, Andy texted his friend NP4Z. “Felipe told me I was not allowed to quit,” Andy says wryly. “I managed to break my rate record. My logging program reported a 362 clock hour at 19Z. That made me happy.” As did finishing second despite the issues.

Yuri, VE3DZ, operating at TO4A, held down the No. 4 spot. “Truly amazing story from Andy V47T — that's what real Contesting is all about!” Yuri had his hands full operating for the first time from an unfamiliar station



Tom, W2SC, at 8P5A, where an ample supply of backup amplifiers was key to victory. [W2SC photo]

(FM5BH), unlike the others who have spent years perfecting their stations, Yuri was flying by the seat of his pants as TO4A. After 8P5A, V47T, and long-time KP2M veteran Phil, KT3Y, four-time winner Yuri settled into the fourth-place spot. “I realized I will probably not be able to win this Contest.”

That was the story at the top of the Single Combat Warrior category – what most people know as “Single Operator, All Band, High Power, Unassisted, World.” To many, the truest test of man and radio, where the air is very thin. The rest of us stand and stare in awe. These are some seriously hard-core operators!

So it was, earlier this year, from Friday, February 14, through Sunday, February 16. An ionosphere that seemed to have no business being that electromagnetically charged came to life, breathing a vitality into the radio spectrum during what has otherwise been a downtime in the solar cycle. It delivered another fantastic game to more than 4,500 amateur radiosport enthusiasts yearning for a fix of their drug of choice.

“One-sixty was the best I ever remember in an ARRL DX Contest,” says Mike, W9RE. Mike is a seasoned operator who got into the fray from his home in Indiana, placing sixth in the Single Operator High Power W/VE division — a different game with different but equally formidable challenges. “Conditions were super from 160

meters to 20 meters. When I can work Europeans on 40 meters up until 1200z, conditions are great! Thanks to everyone all over the world who got on to work the U.S. and Canada making it unbelievable fun.”

Indeed, to all the amateurs worldwide who get on the air for this annual event, we are truly grateful. Last year K1XX reported that growth in this event is actually greatest outside the U.S. and Canada. We're glad to offer such a great opportunity to work states and provinces on so many different radio bands, and we love getting on the air and making all those contacts.

This year, 904,995 individual QSOs were reported during the game period — during a sunspot minimum. That is a lot of contacts. If you do the math, that is an average of 314 radio contacts taking place every minute of the contest. We must be doing something right!



A striking view at HIØLT, where Matt, KC1XX, put took second place in Single Operator, Unlimited, Low Power with 3.1 million points. [KC1XX photo]

Single Operator, Low Power

HQ9X	3,805,110
VP9I	3,618,000
KP2/ND3F	1,906,605
PJ5/KG9N	1,346,169
V47UM (W3UL, op)	1,295,424
CR3EE (OZ2I, op)	1,223,175
MU2K	1,155,420
CO8NMN	1,122,975
DL1IAO	1,037,400
KH6CJJ	1,002,330

Single Operator, QRP

IZ3NVR	227,799
DK7HA	202,917
V31CO	111,969
JH7UJU	76,146
LZ2RS	73,695
HG6C (HA6IAM, op)	62,568
JA6GCE	58,800
IK1RGK	43,596
CO8OH	38,958
JR4DAH	30,420

Single Operator Unlimited, High Power

P44W (W2GD, op)	4,719,999
KP3DX (NP4Z, op)	4,533,846
V26M (N3AD, op)	4,325,148
KH7M (NA2U, op)	2,861,703
EA6FO (EA3M, op)	2,721,708
NP2X (K9VV, op)	2,618,865
SN7Q	2,399,364
CE2LR	2,301,453
9A4M	2,214,855
OM7M (OM5RM, op)	2,200,122

Single Operator Unlimited, Low Power

HH2AA (KO7SS, op)	3,493,470
HIØLT (KC1XX, op)	3,106,386
OR2F	1,215,780
9Z4Y	876,096
PC3T	827,424
EC4TA	742,050
EW6W	702,372
UZ3A (UX1AA, op)	693,387
DL9EE	651,840
SN7O (SP7IVO, op)	605,280

Top 10 DX

Single Operator, High Power

8P5A	6,734,442
V47T	5,901,696
KP2M (KT3Y, op)	5,148,660
TO4A (VE3DZ, op)	4,892,160
CR5E (CT1ILT, op)	3,810,384
EA8RM	3,467,178
ED8W (OM5RW, op)	3,123,651
NP2P (N2TTA, op)	2,850,771
IR2Q (IK2PFL, op)	2,595,546
M6T	2,263,344

Single Operator Unlimited, QRP

LZ9W (LZ1UQ, op)	767,520
OK2FD	236,340
OK2AP	55,944
EA2DPA	53,799
JG1LFR	39,060
JA6WFM	29,376
JK7DWD	25,500
JK1TCV	17,673
EA1AER	17,658
HB9TPN	15,900

Single Operator, 160 Meters

NP2J (K8RF, op)	129,108
GW5R (GW3YDX, op)	86,850
S5ØC (S53RM, op)	61,194
OL1A (OK1CW, op)	59,472
CO2AN	58,800
DR5X (DL8LAS, op)	52,716
SK3GW (SM5IMO, op)	51,747
PI4DX (PD1DX, op)	45,630
F6FYA	43,200
LY7Z	42,504

Single Operator, 80 Meters

KP4KE (DK8ZB, op)	225,000
TM6M (F1AKK, op)	195,120
J35X	141,462
SN2M (SP2XF, op)	140,904
TM6X (F5VHY, op)	139,536
HB9FAP	138,264
RW2F (RA2FA, op)	137,760
HA8JV	134,064
HA5JI	132,495
YR2V (YO5LD, op)	122,430

Single Operator, 40 Meters

S52AW	278,070
TM5EE (FM5CD, op)	276,330
SN3A (SQ2GXO, op)	266,814
YT5A (YU1AU, op)	249,300
9A8M (9A3XU, op)	229,299
S57Q	222,372
EC5K	219,657
CO8ZZ	215,232
Z35T	202,806
YU7U	172,260

Single Operator, 20 Meters

S5ØK	280,356
II2S (IK2QEI, op)	274,134
F5OGL	250,893
9A5X	242,841
YT3X	223,728
HK1N	222,300
PY2NY	216,123
S51YI	205,560
HGØY (HA7GN, op)	202,140
OG1D	200,187

Single Operator, 15 Meters

PX2A (PY2LSM, op)	277,611
LU3JVO	250,101
PP5KR	212,976
LW8DQ	196,116
CE2ML	102,795
CO8LY	84,315
LU2EE (LW5EE, op)	70,668
XR2K (CX1EK, op)	62,868
OA4/EA7TN	33,345
LU3MAM	32,853

Single Operator, 10 Meters

PY2UDB	20,748
PU2USL	108

Multioperator, Single Transmitter, High Power

ZF1A	5,946,675
P4ØL	5,263,608
TI7W	5,189,646
VP5K	5,053,917
VP2MSS	4,858,704
HC5DX	3,525,222
4A7S	2,819,547
EB5A	2,600,682
LZ5R	2,152,080
OK5Z	2,104,674

Multioperator, Single Transmitter, Low Power

ZF5T	4,264,656
V3T	4,016,424
FY5KE	1,447,992
NP4DX	1,304,730
9A7T	831,168

E7CW	541,200
V4/K3VX	333,720
F8KLY	210,600
S53D	73,836
PR1M	69,255

Multioperator, Two Transmitter

PJ4A	7,411,875
CR3DX	5,269,005
EI7M	3,873,945
EA7X	3,526,269
RL3A	1,845,120
HG7T	1,802,640
XE2B	1,636,845
LY4A	1,600,704
ZL3X	1,311,177
AH2R	999,630

Multioperator, Multitransmitter

PJ2T	7,888,608
CR3W	4,918,884
KH6/N6DA	4,383,504
9A1A	3,820,770
E7DX	3,325,455
LN8W	2,577,150
DR4A	2,565,198
JA3YBK	1,476,144
RU1A	1,259,604

Results in the U.S. and Canada

In the United States and Canada, competitors must make contact with stations that are outside that region. Contacts with countries as defined in the rules count as multipliers. Simply put, you get your score by multiplying your contacts by your multipliers. So the goal is to strike the best balance of making a lot of contacts, but making sure to make those contacts with stations in a lot of different places. This is not easy, and the ones who master it earn the recognition and respect of their peers, and handsome awards from the American Radio Relay League. The League offers a lot of resources about how the game is played. Listed here are the top ten entries in all the different categories in the event. For full access to the detailed scores of all 4,380 entrants in all categories, you can find them on the ARRL website.

There are different divisions for stations that run more than 150 watts (“High Power”), and for stations that run

more than five watts but no more than 150 watts (“Low Power”), and stations that run five watts or less (“QRP”) Those are further broken down into groups where the operator is allowed to use external assistance to learn where to tune in for other stations (“Unlimited”), and stations not using this kind of assistance. Each group presents different ways to test radio operators and stations to measure their DX prowess. To land a spot in the Top Ten of any of these categories out of such a large field is a great accomplishment.

There are also categories for stations using multiple radio operators. There is a “multiop” category where only one signal is permitted at any time (“Multi-Single”), a category where two signals are permitted (“Multi-Two”), and the biggest stations with the biggest teams can enter a category where they can have a signal on all the different bands they want simultaneously (“Multi-Multi”).

Finally, for operators who wish to restrict themselves to only one band for the whole event, there is a Single-Op category for each band.

As you can see that is a lot of different categories that stations and operators can enter. When you look at these results, you can see some tight races between multiple entrants in some categories. In other categories, stations got in there and just ran away with it.



Chris, NØCC, put his compact station to good use with 172 contacts in 112 countries. [NØCC photo]

Bob, WA1Z at the helm of KC1XX definitely ran away with it, scoring about 15 per cent higher than Dave, K1ZZ in the No. 2 spot. By contrast, among the single-ops running low power, that same 15 per cent contains all three of the highest scores. In the Multi-Multi category, the margin between No. 1 W3LPL and No. 2 K3LR, is less than half a per cent! Imagine two teams of about 10 operators each hammering out over 6,000 contacts in 48

straight hours, only to finish the equivalent of 27 contacts apart!

Results Outside the U.S. and Canada

Competitors who are not in the U.S. and Canada may only contact stations within the U.S. and Canada for credit in the event. For these entrants, the multipliers are states and provinces (for all entrants, multipliers are counted once per band). Unlike stations in the U.S. and Canada, who can work all the countries they can possibly find, the stations outside the U.S. and Canada are limited to states and Canadian provinces, so they have more of a ceiling of possible multipliers. This is one reason 10 meters is so important. A top competitor outside the USA will commonly make contact with most or all of the states and provinces on the easier bands. Sometimes this game is won on 160 meters or 10 meters or both.

Our lead story this year was that race between 8P5A, V47T, KP2M and TO4A. When the dust settled on those guys, Tom's victory was decisive. Likewise, PJ4A and PJ2T ran away with Multi-Two and Multi-Multi, respectively. But in other categories there were some close calls! Notably, the Multi-Single categories had plenty of action at the top of the billing. Note the 4-way race for the No. 2 spot in Multi-Single High Power, with P40L, TI7W, VP5K and VP2MSS all within five per cent of each other. That's definitely the kind of thing that will keep your butt in the chair for the whole weekend!

Though the contest ran before the COVID-19 pandemic started to really take hold, and for reasons that didn't involve the novel coronavirus, the team at 9A1TT were, unintentionally, ahead of the curve on contesting in an era of physical distancing. Richard, 9A1TT, left a soapbox comment that had us wanting more. "Five ops operated from four countries... We'll be back."

Richard has been building his contest station in his homeland, Croatia, and has decided to let youth who don't have access to a big station use his by remote control. Now this has evolved into supporting the IARU's Region 1 Youth On The Air program, but he wants to push the bar even further. He has established the ambitious goal of "enabling free access to remote stations by any youth — on any device — from anywhere, whether from Africa or Berlin. All they need is high-speed internet." Even 4G data is sufficient, he says.

"Remote contesting is the answer to many of today's obstacles," Richard says of his almost prophetic operation. To remain competitive, multi-operator stations and teams are getting bigger and bigger. Implemented right, a big station can field a team of operators who don't have to be physically present. It's a much larger

pool of operators and opportunity. Youth today do not have the same kind of access to ham stations as older generations did. "But this is the funny thing — this is where remote radio turns things on its head — you can strike up relationships in a flash on social media — in March for WPX we fielded a team of four operators in only four hours. None of them had ever met and didn't know each other. The focus has changed. Remote is the way to go."

"Remote Ham Radio has made all this feasible. I wouldn't make my station available to youth on the internet unless I could be confident my equipment was safe. RHR has done a first rate job integrating operators into stations in ways where the equipment is protected. I am perfectly comfortable reaching out to youth anywhere in the world who want to operate together by remotely connecting into my station."



Five operators in four countries, Richard, 9A1TT, has found a unique way to run Multi-Operator, Single Transmitter with operators from around the world, and no travel.

"When I see a young guy using my station proudly announce on social media, 'I just worked 200 guys in two hours, who can beat that?' I feel like this is a good way to support youth and the future."

First Place Multi-Multi World winner PJ2T celebrated 20 years of ARRL DX this year. This little bit of ham radio democracy has managed to last longer than most off-shore club efforts, and at this time the club and station are stronger than ever. This is a testament to the vision of its founder and leader, Geoff Howard, WØCG, who was inducted into the Contest Hall of Fame earlier this year.

The author remembers working this QTH decades ago in his teenage years, like a beacon from Zone 9. Operators could count on the gang getting on the air from the Coral Cliff for an easy multiplier on as many bands as it could manage. As president of the Caribbean Contesting Consortium, the club that keeps the station making contacts year after year, the author is glad to be able to help keep it going now.

This year, the station made the better part of a million more points over last year, mostly on the shoulders of the

surprise 10-meter opening on Day 2 that yielded an additional 37 multipliers. Those 10-meter openings are so important, and can come out of nowhere when you least expect them, that you literally train for those moments. When they pay off, it is an absolute rush. This was one of those years.

Speaking of the Coral Cliff, the ham whose vision originally put it on the air over 50 years ago, Chet Brandon PJ9EE, invented the signature refreshment enjoyed there to this day. He dubbed it The Cliffhanger, and it requires Curacao limes among other things. Below, we captured a wild Curacao Cliffhanger in its natural habitat. Inset into that photo is a snapshot of the PJ2T 20th Anniversary Commemorative Beer Glass.

Here's to another 20 years!

Top Ten, W/VE

Single Operator, High Power

KC1XX (WA1Z, op)	5,763,204
K1ZZ	4,915,053
VY2TT	4,643,562
KQ2M	4,148,520
K5GN	3,908,124
W9RE	3,757,119
N4AF	3,730,788
VE3AT	3,557,376
N4YDU	3,397,272
N1UR	3,240,576

Single Operator, Low Power

K5KU	1,948,032
N4TZ	1,833,588
N8II	1,755,990
AD5A	1,474,968
WØUO	1,338,564
NT6Q (N5ZO, op)	1,100,655
WJ9B	1,055,604
KD5DD (KG5HVO, op)	1,052,028
K1VUT	902,088
W1VE (VE4EA, op)	834,768

Single Operator, QRP

K2DM	464,607
N1IX	450,882
K3TW	236,649
N7IR	234,600
W6JTI	233,748

K2YAZ	138,408
W6QU (W8QZA, op)	130,074
N7RCS	117,885
W1UU	107,169
NDØC	94,770

Single Operator Unlimited, High Power

KI1G	5,921,280
K5ZD	5,647,674
AA3B	5,562,642
K3WW	5,257,953
AA1K	4,611,960
VA2WA	4,604,046
VE3EJ	4,529,415
N3RD	4,294,320
N3RS	4,215,141
K1RX	4,157,334

Single Operator Unlimited, Low Power

NN1C (@K1VR)	2,767,107
VA3DF	1,562,652
N9NC	1,491,504
KS1J	1,403,025
KE3X	1,372,860
VO1HP	1,341,390
W3KB	1,280,988
W9XT	1,245,825
W1QK	1,209,312
K1KNQ	1,178,496

Single Operator Unlimited, QRP

N2WK	390,054
K5NZ	300,906
K8ZT	120,018
W4QO	61,596
KW2A	30,240
W4ER	24,633
KW6G	24,000
KU4A	22,512
VE3HG	17,622
NU4N	2,184
VA3AMX	2,184

Single Operator, 160 Meters

VY2ZM (K1ZM, op)	156,408
W4ZV	73,500

N4XD	64,548
KM1R	24,156
NIØG	23,580
N1QY	12,282
NEØU	12,150
W8WTS	9,315
K1WHS	6,324
KA1J	6,156

Single Operator, 80 Meters

K4ZW	221,880
W3BGN	202,419
W1WEF	171,351
K9ZO	151,470
KVØQ	146,070
K4EA	142,692
N4IJ	111,636
K1DC	74,160
VE3PN	73,236
WØEWD	73,125

Single Operator, 40 Meters

N8OO	532,335
N2MF	501,486
KA1IS	375,417
K2SSS	294,000
N9SE	215,736
K1EA	102,342
KJ4QHL	94,620
K2UF	89,712
W2EG	88,692
K6AR	88,146

Single Operator, 20 Meters

KU2M	510,615
N7TU	373,152
W6YA	307,197
N8BJQ	292,896
K8LX	283,230
W2VJN	252,588
N5CR	238,950
W8WA	206,325
WB4TDH	151,188
N5JJ	140,448

Single Operator, 15 Meters

N4BP	31,506
K4RDU	13,230
VE2NCG	3,402
WUØA	2,550
N6RM	2,394
KØUU	1,575
WB2AMU	1,008
WB7FJG	648
KQ2RP	504
NZ5M	390

Single Operator, 10 Meters

W4DD	3,807
K4WI	3,456

Multioperator, Single Transmitter, High Power

N5DX	5,649,039
K2QMF	4,380,444
K5TR	3,375,735
AA4LS	3,284,400
N1MM	3,244,098
K3PH	3,008,880
AA9A	2,932,056
AA7A	2,784,726
N1RR	2,715,579
W2IRT	2,360,547

Multioperator, Single Transmitter, Low Power

K1XM	1,695,447
K3TD	602,208
W1FM	563,040
W3YI	227,688
NJ1F	102,258
KØUK	63,327

Multioperator, Two Transmitter

W2FU	6,507,396
N4WW	6,377,910
K1IR	5,918,985
K8AZ	5,543,874
VE3JM	5,482,161
K2AX	4,539,969
K4TCG	4,534,920
NØNI	4,478,760
K5KG	3,674,211
NØAX	3,225,672

Multioperator, Multitransmitter

W3LPL	9,706,275
K3LR	9,662,778
NR4M	8,733,054
K1TTT	6,278,370
K1KP	2,703,168
NE3F	2,177,496
W1CSM	1,817,529
NJ3I	1,777,842

A Word About Accuracy

One of the most interesting aspects of this sport is the pivotal role played by operator accuracy. Sometimes winners are determined in the log-checking stages. If you look at every callsign singled out above, their accuracy runs better than 1.6 per cent. You can understand how a contest can be won or lost as a function of how well you copy the stations you work, and how accurately you log what you hear. No operator is perfect, it's more about putting in the practice to get good at it. Definitely make that a goal!

And with that, another ARRL International DX Contest, CW, is in the books. Though it's never too early to start making plans for next year!

The next running of ARRL DX CW is Feb. 20-21, 2021.

Continental Winners

Africa

Single Operator, High Power	EA8RM	3,467,178
Single Operator, Low Power	CR3EE (OZ2I, op)	1,223,175
Single Operator Unlimited, High Power	ED8M (EA8DIG, op)	512,316
Single Operator Unlimited, Low Power	EF8O (EA8OM, op)	200,832
Single Operator, 20 Meters	EA8DHV	11,349
Multioperator, Two Transmitter	CR3DX	5,269,005
Multioperator, Multitransmitter	CR3W	4,918,884

Asia

Single Operator, High Power	JH1GBZ (JH5GHM, op)	824,760
Single Operator, Low Power	JH1EAQ	385,182
Single Operator, QRP	JH7UJU	76,146
Single Operator Unlimited, High Power	P33W (5B4AMM, op)	1,234,752
Single Operator Unlimited, Low Power	5B/RN3QO	327,228
Single Operator Unlimited, QRP	JG1LFR	39,060
Single Operator, 160 Meters	JAØQNJ	7,500
Single Operator, 80 Meters	JH1OGC	39,198
Single Operator, 40 Meters	7J1AAI	104,781
Single Operator, 20 Meters	JH3AIU	117,096
Single Operator, 15 Meters	4X1VF	1,596
Multioperator, Single Transmitter, High Power	JH4UYB	1,079,925
Multioperator, Single Transmitter, Low Power	JK2VOC	33,072
Multioperator, Two Transmitter	JH8YOH	830,922
Multioperator, Multitransmitter	JA3YBK	1,476,144

Europe

Single Operator, High Power	CR5E (CT1ILT, op)	3,810,384
Single Operator, Low Power	MU2K	1,155,420
Single Operator, QRP	IZ3NVR	227,799
Single Operator Unlimited, High Power	EA6FO (EA3M, op)	2,721,708
Single Operator Unlimited, Low Power	OR2F	1,215,780
Single Operator Unlimited, QRP	LZ9W (LZ1UQ, op)	767,520
Single Operator, 160 Meters	GW5R (GW3YDX, op)	86,850
Single Operator, 80 Meters	TM6M (F1AKK, op)	195,120
Single Operator, 40 Meters	S52AW	278,070
Single Operator, 20 Meters	S5ØK	280,356
Single Operator, 15 Meters	HG1S (HA1TJ, op)	14,586
Multioperator, Single Transmitter, High Power	EB5A	2,600,682
Multioperator, Single Transmitter, Low Power	9A7T	831,168
Multioperator, Two Transmitter	EI7M	3,873,945
Multioperator, Multitransmitter	9A1A	3,820,770

North America

Single Operator, High Power	8P5A	6,734,442
Single Operator, Low Power	HQ9X	3,805,110
Single Operator, QRP	V31CO	111,969
Single Operator Unlimited, High Power	KP3DX (NP4Z, op)	4,533,846
Single Operator Unlimited, Low Power	HH2AA (KO7SS, op)	3,493,470
Single Operator, 160 Meters	NP2J (K8RF, op)	129,108
Single Operator, 80 Meters	KP4KE (DK8ZB, op)	225,000
Single Operator, 40 Meters	CO8ZZ	215,232
Single Operator, 20 Meters	AL1G	127,008
Single Operator, 15 Meters	CO8LY	84,315
Multioperator, Single Transmitter, High Power	ZF1A	5,946,675
Multioperator, Single Transmitter, Low Power	ZF5T	4,264,656
Multioperator, Two Transmitter	XE2B	1,636,845

Oceania

Single Operator, High Power	KH6TU (AD6E, op)	1,752,750
Single Operator, Low Power	KH6CJJ	1,002,330
Single Operator, QRP	N7ET/DU7	9,996
Single Operator Unlimited, High Power	KH7M (NA2U, op)	2,861,703
Single Operator Unlimited, Low Power	KH6/WØZT	185,004
Single Operator Unlimited, QRP	KH6/W7EE	6,936
Single Operator, 80 Meters	DU6/N6SS	13,026
Single Operator, 40 Meters	ZL2AGY	48,000
Single Operator, 20 Meters	ZM1M (ZL1BBW, op)	112,035
Single Operator, 15 Meters	VK4CT	32,265
Multioperator, Two Transmitter	ZL3X	1,311,177
Multioperator, Multitransmitter	KH6/N6DA	4,383,504

South America

Single Operator, High Power	PS2T (PY2ZEA, op)	1,241,100
Single Operator, Low Power	HC2AO	842,697
Single Operator, QRP	PY2VQ	2,673
Single Operator Unlimited, High Power	P44W (W2GD, op)	4,719,999
Single Operator Unlimited, Low Power	9Z4Y	876,096
Single Operator, 80 Meters	PY2PT	90,801
Single Operator, 40 Meters	PY2KJ	46,224
Single Operator, 20 Meters	HK1N	222,300
Single Operator, 15 Meters	PX2A (PY2LSM, op)	277,611
Single Operator, 10 Meters	PY2UDB	20,748
Multioperator, Single Transmitter, High Power	P4ØL	5,263,608
Multioperator, Single Transmitter, Low Power	FY5KE	1,447,992
Multioperator, Two Transmitter	PJ4A	7,411,875
Multioperator, Multitransmitter	PJ2T	7,888,608

Regional Leaders

Boxes list call sign, score, and class:

M2 = Multioperator, Two Transmitter

MM = Multioperator, Multitransmitter

MSHP = Multioperator, Single Transmitter, High Power

MSLP = Multioperator, Single Transmitter, Low Power

SO-10 = Single Operator, 10 Meters

SO-15 = Single Operator, 15 Meters

SO-160 = Single Operator, 160 Meters

SO-20 = Single Operator, 20 Meters

SO-40 = Single Operator, 40 Meters

SO-80 = Single Operator, 80 Meters

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

SOUQRP = Single Operator Unlimited, QRP

West Coast Region**(Pacific, Northwestern and Southwestern Divisions;
Alberta, British Columbia and NT Sections)**

NO6T (KI6RRN, op

@WA6TQT) 3,153,240 SOHP

N9RV 2,700,960 SOHP

K6XX 2,025,720 SOHP

K6NA 1,258,812 SOHP

N7ZG 1,153,845 SOHP

NT6Q (N5ZO, op) 1,100,655 SOLP

WJ9B 1,055,604 SOLP

KM6Z 291,438 SOLP

WN6K 196,020 SOLP

W7OM 159,048 SOLP

N7IR 234,600 SOQRP

W6JTI 233,748 SOQRP

W6QU (W8QZA, op) 130,074 SOQRP

KF7WNS 4,002 SOQRP

N6HI 1,152 SOQRP

K7RL 2,593,500 SOUHP

WØRIC (W4IX, op) 1,711,500 SOUHP

K6LL 1,563,714 SOUHP

N6JV 1,244,175 SOUHP

KA6BIM	1,175,904	SOUHP
K6WSC	512,400	SOULP
AK6A	348,348	SOULP
K6JS	250,677	SOULP
K7TQ	226,176	SOULP
N6PN	221,364	SOULP
KW6G	24,000	SOUQRP
VA7UNX	663	SOUQRP
K2GMY	3	SOUQRP
W6RKC	1,458	SO-160
N6TI	660	SO-160
W7WR	432	SO-160
W6RW	33,252	SO-80
W7CD	9,699	SO-80
N7GP	8,901	SO-80
N7VFN	2,331	SO-80
W7ON	1,512	SO-80
K6AR	88,146	SO-40
N7RK	17,658	SO-40
AG6V	10,428	SO-40
KA9A	2,160	SO-40
KB6A	2,142	SO-40
N7TU	373,152	SO-20
W6YA	307,197	SO-20
W2VJN	252,588	SO-20
N5CR	238,950	SO-20
N6ZFO	76,032	SO-20
N6RM	2,394	SO-15
WB7FJG	648	SO-15
AA7A	2,784,726	MSHP
W8TK	2,037,978	MSHP
W7RM	1,986,336	MSHP
NX6T	1,364,121	MSHP
K7RI	921,435	MSHP
W6YX	2,660,040	M2
W7RN	2,299,968	M2

K7ZS	1,270,332	M2	WD5K	49,704	SO-80
VE7FO	123,552	M2	NØOK	23,994	SO-80
N7BV	119,733	M2	VE4JBB	9,360	SO-80
Midwest Region			KØPK	46,428	SO-40
(Dakota, Midwest, Rocky Mountain and West Gulf Divisions;			N9HDE	8,052	SO-40
Manitoba and Saskatchewan Sections)			WDØBGZ	6,966	SO-40
K5GN	3,908,124	SOHP	KNØV	6,018	SO-40
WXØB (AD5Q, op)	3,045,840	SOHP	K7ULS	4,872	SO-40
K5WA	2,854,395	SOHP			
N5AW	2,821,479	SOHP	N5JJ	140,448	SO-20
K5RX	1,054,473	SOHP	W7UT	102,336	SO-20
			NØIS	56,088	SO-20
AD5A	1,474,968	SOLP	WNØL	18,900	SO-20
WØUO	1,338,564	SOLP	ADØH	11,319	SO-20
KCØV	276,948	SOLP			
KØXX	250,128	SOLP	WUØA	2,550	SO-15
NN5T	228,705	SOLP	KØUU	1,575	SO-15
			NZ5M	390	SO-15
NDØC	94,770	SOQRP	NØJK	3	SO-15
N3CI	36,000	SOQRP			
NRØR	5,550	SOQRP	K5TR	3,375,735	MSHP
KIØG	4,674	SOQRP	NØKE	80,391	MSHP
WA5RR	4,329	SOQRP			
			KØUK	63,327	MSLP
N2IC	4,041,918	SOUHP			
KØRF	2,449,434	SOUHP	NØNI	4,478,760	M2
KØKX	1,982,772	SOUHP	NØAX	3,225,672	M2
K5BG	1,173,459	SOUHP	NØMA	627,102	M2
NØAV	1,047,396	SOUHP			
			Central Region		
			(Central and Great Lakes Divisions;		
			Ontario East, Ontario North, Ontario South,		
			and Greater Toronto Area Sections)		
N5DO	506,112	SOULP	W9RE	3,757,119	SOHP
NØUR	499,032	SOULP	VE3AT	3,557,376	SOHP
AAØAI	357,189	SOULP	VE3VN	2,759,127	SOHP
AD1C	316,350	SOULP	NA8V	2,538,900	SOHP
WA8ZBT	285,975	SOULP	K8GL	1,637,109	SOHP
K5NZ	300,906	SOUQRP			
			N4TZ	1,833,588	SOLP
NIØG	23,580	SO-160	VE3TM	422,331	SOLP
NEØU	12,150	SO-160	WB8JUI	414,288	SOLP
KSØMO	216	SO-160	K9UIY	315,735	SOLP
			K4IE	296,334	SOLP
KVØQ	146,070	SO-80			
WØEWD	73,125	SO-80			

K2YAZ	138,408	SOQRP	W9ET (WB9SBD, op)	81	SO-15
W8RTJ	78,228	SOQRP			
N8RQJ	68,808	SOQRP	AA9A	2,932,056	MSHP
VE3NR	969	SOQRP	VE3YAA	1,559,112	MSHP
			W8PR	1,068,228	MSHP
VE3EJ	4,529,415	SOUHP	W4CDA	414,141	MSHP
WB9Z	3,003,714	SOUHP			
K8CX	2,445,312	SOUHP	K8AZ	5,543,874	M2
VE3NNT	2,344,674	SOUHP	VE3JM	5,482,161	M2
W8MJ	2,256,345	SOUHP	W9VW	2,941,884	M2
			W8BI	317,133	M2
VA3DF	1,562,652	SOULP			
W9XT	1,245,825	SOULP	Southeast Region		
N8VV	607,005	SOULP	(Delta, Roanoke and Southeastern Divisions)		
VE3MGY	537,930	SOULP	N4AF	3,730,788	SOHP
WT9Q	469,854	SOULP	N4YDU	3,397,272	SOHP
			NN7CW	3,168,369	SOHP
K8ZT	120,018	SOUQRP	W4CB (W2RU, op)	2,641,572	SOHP
KU4A	22,512	SOUQRP	K4AB	2,193,009	SOHP
VE3HG	17,622	SOUQRP			
VA3AMX	2,184	SOUQRP	K5KU	1,948,032	SOLP
NU4N	2,184	SOUQRP	N8II	1,755,990	SOLP
			KD5DD (KG5HVO, op)	1,052,028	SOLP
W8WTS	9,315	SO-160	K5FUV	525,750	SOLP
WD8DSB	4,896	SO-160	AC4G	469,017	SOLP
ND9G	4,386	SO-160			
WO9S	3,330	SO-160	K2DM	464,607	SOQRP
KC4WQ	1,518	SO-160	K3TW	236,649	SOQRP
			N7RCS	117,885	SOQRP
K9ZO	151,470	SO-80	K4LPQ	38,808	SOQRP
VE3PN	73,236	SO-80	WR4I	29,232	SOQRP
AC8CE	22,035	SO-80			
			W4NF	3,495,987	SOUHP
N9SE	215,736	SO-40	KØZR	2,755,116	SOUHP
WA8RCN	46,215	SO-40	WO4O	2,323,470	SOUHP
VA3SY	44,196	SO-40	N4UU	2,179,089	SOUHP
K9CJ	29,640	SO-40	K5EK	2,000,016	SOUHP
VE3OSZ	18,666	SO-40			
			K1KNQ	1,178,496	SOULP
N8BJQ	292,896	SO-20	WA1FCN	1,145,529	SOULP
K8LX	283,230	SO-20	AD8J	709,422	SOULP
W8WA	206,325	SO-20	KEØUI	286,200	SOULP
VA3SB	106,470	SO-20	K9OM	254,430	SOULP
N8LJ	41,004	SO-20			

W4QO	61,596	SOUQRP	Northeast Region (New England, Hudson and Atlantic Divisions; Maritime and Quebec Sections)		
W4ER	24,633	SOUQRP			
W4ZV	73,500	SO-160	KC1XX (WA1Z, op)	5,763,204	SOHP
N4XD	64,548	SO-160	K1ZZ	4,915,053	SOHP
K4WY	2,958	SO-160	VY2TT	4,643,562	SOHP
NA4CW	330	SO-160	KQ2M	4,148,520	SOHP
			N1UR	3,240,576	SOHP
K4ZW	221,880	SO-80			
K4EA	142,692	SO-80	K1VUT	902,088	SOLP
N4IJ	111,636	SO-80	W1VE (VE4EA, op)	834,768	SOLP
K1DC	74,160	SO-80	N8NA	570,447	SOLP
AB4B	41,736	SO-80	VE1RSM	407,028	SOLP
			K1HT	356,364	SOLP
N8OO	532,335	SO-40			
KJ4QHL	94,620	SO-40	N1IX	450,882	SOQRP
NS4T	67,665	SO-40	W1UU	107,169	SOQRP
AA8R	22,935	SO-40	VE9HF	68,997	SOQRP
N3GD	10,488	SO-40	WB2CPU	57,267	SOQRP
			K8CN	53,244	SOQRP
WB4TDH	151,188	SO-20			
W4JKC	102,168	SO-20	KI1G	5,921,280	SOUHP
W4VQ	66,000	SO-20	K5ZD	5,647,674	SOUHP
W6DVS	44,550	SO-20	AA3B	5,562,642	SOUHP
N4MM	18,768	SO-20	K3WW	5,257,953	SOUHP
			AA1K	4,611,960	SOUHP
N4BP	31,506	SO-15			
K4RDU	13,230	SO-15	NN1C (@K1VR)	2,767,107	SOULP
			N9NC	1,491,504	SOULP
W4DD	3,807	SO-10	KS1J	1,403,025	SOULP
K4WI	3,456	SO-10	KE3X	1,372,860	SOULP
			VO1HP	1,341,390	SOULP
N4RV	2,023,584	MSHP			
KØAL	636,579	MSHP	N2WK	390,054	SOUQRP
			KW2A	30,240	SOUQRP
K3TD	602,208	MSLP			
			VY2ZM (K1ZM, op)	156,408	SO-160
N4WW	6,377,910	M2	KM1R	24,156	SO-160
K4TCG	4,534,920	M2	N1QY	12,282	SO-160
K5KG	3,674,211	M2	K1WHS	6,324	SO-160
			KA1J	6,156	SO-160
NR4M	8,733,054	MM			
			W3BGN	202,419	SO-80
			W1WEF	171,351	SO-80
			VY2OX	64,170	SO-80

W1HI	52,875	SO-80
K1MC	31,824	SO-80
N2MF	501,486	SO-40
KA1IS	375,417	SO-40
K2SSS	294,000	SO-40
K1EA	102,342	SO-40
K2UF	89,712	SO-40
KU2M	510,615	SO-20
K3GW	114,480	SO-20
K1EFI	45,732	SO-20
VO1BQ	41,976	SO-20
WA2JQK	36,504	SO-20
VE2NCG	3,402	SO-15
WB2AMU	1,008	SO-15
KQ2RP	504	SO-15
N5DX	5,649,039	MSHP
K2QMF	4,380,444	MSHP
AA4LS	3,284,400	MSHP
N1MM	3,244,098	MSHP
K3PH	3,008,880	MSHP
K1XM	1,695,447	MSLP
W1FM	563,040	MSLP
W3YI	227,688	MSLP
NJ1F	102,258	MSLP
W2FU	6,507,396	M2
K1IR	5,918,985	M2
K2AX	4,539,969	M2
W2CG	2,254,074	M2
KB3VQC	2,150,955	M2
W3LPL	9,706,275	MM
K3LR	9,662,778	MM
K1TTT	6,278,370	MM
K1KP	2,703,168	MM
NE3F	2,177,496	MM