



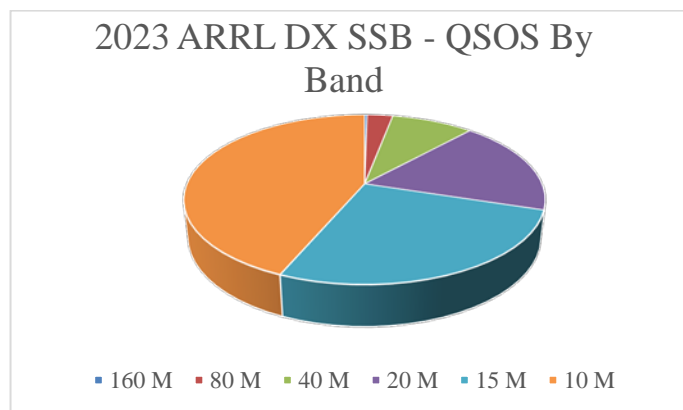
# ARRL International DX Contest SSB 2023 Full Results

By Chris Tate – N6WM (n6wm@largeradio.org)

*Continued improvement of the solar cycle, a very active 10m band and continued post covid expeditions added to the fun and excitement of the 2023 ARRL DX SSB!*

More DX stations, lots of domestic operators, and overall lots of operators from all experience levels enjoyed good SSB operations, good conditions, and fun during the 2023 Edition of the ARRL DX SSB contest where the world works North America, and North America works the world!

## Conditions



Yes, conditions have improved, even more than the improvements observed during last year's run. 10 and 15 meters made up the majority of the contacts this year, with 70 percent of all the reported contacts made on those 2 bands alone.

Here are some comments that were posted in the Soapbox at [contests.arrl.org](https://contests.arrl.org).

*“Superb conditions on high bands. I didn't have an opportunity to operate during peak 40/80 condx. I had an excellent time however. Looking forward to next one.” – Bryan, N3FZ*

*“It sure is nice to see DX condx return. It makes it a lot easier to stay up late at 2 AM!” – Bill, W8QZA, operating as W6QU*

*“10 and 15 were in much better shape and so was 40. 80 and 160 were pretty noisy but made a few contacts.*

*Logged 115 DXCC overall, highest was 96 on 15 meters” – David, KA6BIM*

*“Excellent propagation with constant stream of callers = pure joy.” – Miha, S51FB*

Great feedback from all over North America and the world!

## Multi-Operator Categories

*Multi-Op contesting back and better than ever!*

Post pandemic Multi-op contesting continued its recovery with plenty of entrants in all categories.

Frank, W3LPL, once again entered in the Multi-two High power category from his legendary station. In his comments on the contest, he shared his extensive knowledge and wisdom on productive contest operations, emphasizing the importance of Search and Pounce contest technique in the ARRL DX contest.

Tim, K3LR, and a very large team of well-known operators turned in another breathtaking performance in the Multi-Multi High power category from his spectacular station. Also of note was a real spectacular performance from TIØRC and a large Cost Rican team. Well done gang!

In The Multi-Single Category, a dominating Caribbean performance with interesting couple of entries from Cayman Island regulars ZF1A and ZF5T both coming in with impressive showings. ZF1A came out ahead, but remarkably close scores from these 2. Also coming in with a fantastic effort was the team at NP4Z in Puerto Rico.

Of course, there were some impressive M/S North American entrants as well, such as the relatively new superstation ND7K clocking in a great score with veteran and station owner N6WIN at the helm in the 3<sup>rd</sup> position overall.

It is great that things are back in business around the multi-op community...fewer remote ops... more onsite ops... more camaraderie, more fun. It's good to have you back in business!

Every year I like to encourage anyone to get involved with Multi-op contesting events. It may seem like it's a game for big fancy stations, but any of us can enjoy getting together, learning propagation, making great dx contacts and having fun. Your author got his start this way, and I continue to operate multi-op efforts often to this day.

Please review the line scores to see all the great efforts!

**NOTE:** The Top Ten W/VE and DX tables that appear in the 2023 ARRL International DX Contest SSB results article on pages 73 and 74 of the print edition of the September issue of QST are incorrect. The correct scores appear here, as well as in the digital edition of QST. ARRL apologizes for the error.

W/VE Multioperator Top Ten Scores	
Multioperator, Single Transmitter, High Power	
K9RS	4,948,053
K8AZ	4,600,800
ND7K	3,558,048
WW4LL	3,412,260
K3ND	3,219,741
W1TJL	3,177,930
KQ3F	2,833,380
W3MF	2,325,168
W2IRT	2,188,695
NX6T	2,024,253
Multioperator, Single Transmitter, Low Power	
N4SS	2,704,083
N5YT	1,121,418
W3ZGD	925,296
WA1F	915,684
N1EP	428,736
W1JSR	378,927
N8YXR	121,401
VE4WSC	85,410
W3PGA	67,266
NU5DE	64,872
Multioperator, Two Transmitter	
W3LPL	10,032,000
K2AX	5,552,580
N2AA	4,877,700
W4NF	4,212,657

WG3J	3,011,058
K8LX	2,505,840
W2CG	1,447,992
N3XF	1,283,526
W1HS	1,252,125
K3CCR	1,114,860
Multioperator, Multitransmitter	
K3LR	12,810,600
K1TTT	6,491,160
AA1K	5,073,588
W2AA	4,286,268
W7RM	4,047,402
NE3F	3,532,032
N1RR	2,857,926
K3MTR	2,761,776
K1KP	2,598,570
WØAA	2,172,690

DX Multioperator Top Ten Scores	
Multioperator, Single Transmitter, High Power	
ZF1A	9,304,440
ZF5T	7,832,088
TO5M	7,322,700
NP4Z	6,878,400
J68HZ	6,626,028
CU2AA	5,543,082
IR4X	5,098,548
TO3Z	5,003,019
TM7A	4,990,941
CQ8M	4,429,404
Multioperator, Single Transmitter, Low Power	
VP5M	7,350,633
PR1T	909,141
3Z1K	453,600
LU9WE	402,165
F6KFI	82,503
BY5EA	68,634
MXØNYM	57,534
F8AOF	48,024
DX1ART	3,168
ZY1T	2,730

Multioperator, Two Transmitter	
PJ4G	11,350,983
TM6M	7,443,072
LP1H	5,205,033
EI9E	4,317,660
JR2GRX	2,117,910
AH2R	1,862,352
JH8YOH	1,671,120
C37N	1,274,139
II8K	1,054,728
CB2R	263,088
Multioperator, Multitransmitter	
PJ2T	11,507,886
9A1A	7,441,200
9A1P	6,617,700
HI3LT	5,133,024
KL7RA	4,087,200
JA3YBK	2,972,682
LN8W	2,686,554
C6ANM	2,521,623
HD1A	2,312,991
M6C	968,418

## Single Operator Categories

### Single Operator, High Power

This year's SOHP NA winner has an interesting story. Manu, LU9ESD, arrived a couple of weeks in advance to help setup for an M/M entry but was offered a single op opportunity from Krassy's well equipped station in Maine. Krassy's offer to Manu resulted in a NA win from an operator that is usually heard on the dx side. This was his first operation from the NA side in this one.

On the DX side, Tom, 8P5A(W2SC) was back in action with a solid win from Barbados in the DX category great to see this fantastic operator in the chair.

**Full results articles, line scores, and certificates for all ARRL contests are available at [contests.arrl.org](https://contests.arrl.org)**



K1LZ very impressive antenna farm in ME helped LU9ESD take a SOHP win as his first effort from NA! ["Krassy" Petkov, K1LZ, photo]

### Single Operator, Low Power

In the SOLP category, Ed, N1UR, turned in a very impressive effort and score to take the north American title. Ed felt that the 20- and 40-meter bands were disappointing, due to a reported X class solar flare that may have affected band conditions. In these situations, what affects one usually affects all, so it did not prevent his taking the top position.



SOLP DX Winner Andy P49Y/AE6Y at the helm of his station in Aruba. [Andy Faber, AE6Y, photo]

In Aruba, Andy, AE6Y, operating as P49Y, turned in another winning performance from his well-known QTH. He used a new generation transceiver for this effort and was concerned these great conditions may make it a rough

ride for Caribbean operators. Not to worry, Andy.. the top 3 were all Caribbean stations, and good efforts. Congrats!

## Single Operator, QRP

Ron, VE3VN, turned in a very impressive effort in the SOQRP category. Strategies differ in QRP, and Ron spend a lot less time running and a lot more time search and pounce, despite using big gun antennas. This caused some operator fatigue but took some breaks to compensate. Overall, a great score and effort. The DX winner came in from Europe with a great score from IU1NKS.

W/VE Single Operator Top Ten Scores	
Single Operator, High Power	
K1LZ (LU9ESD, op)	5,718,681
K5TR	4,132,128
W9RE	3,799,872
KQ2M	3,750,930
K4AB	3,719,790
CF3A (VE3AT, op)	3,416,976
VY2TT (K6LA, op)	3,229,032
N9RV	2,810,904
K5WA	2,174,130
NA8V	1,996,176
Single Operator, Low Power	
N1UR	2,879,982
N8II	1,112,046
VE6TN	823,536
K5FUV	706,440
K8ZM	662,475
KD2TT	647,664
W6DVS	610,974
WA3LXD	610,488
KF8N	582,912
VE3LRL	483,309
Single Operator, QRP	
VE3VN	719,901
NDØC	320,076
W1JCW	180,960
W6QU (W8QZA, op)	164,439
KA8SMA	106,128
W3EK	81,096
K4SAA	53,865

NF2L	45,105
AC2N	42,117
WA2JNF	33,972

DX Single Operator Top Ten Scores	
Single Operator, High Power	
8P5A	8,584,320
TI1K (TI5CDA, op)	5,284,440
E7DX (E77DX, op)	5,240,352
KP2M (KT3Y, op)	2,983,347
IO8V (IKØETA, op)	2,749,824
EA5DFV	2,269,182
ZW2N (PY2MNL, op)	2,088,576
CT3KN	2,054,160
WH7T (WH7W, op)	1,850,217
TM5A (F5VHJ, op)	1,631,034
Single Operator, Low Power	
P49Y	5,263,506
WP3C	4,132,179
HI3T	2,078,460
CT2HOV	879,000
TI2OY	745,200
HI8J	529,830
HH2AA (KØBBC, op)	525,027
CO2KR	506,520
PJ7AA	488,511
CO8NMN	473,526
Single Operator, QRP	
IU1NKS	322,224
EA8RM	108,192
JH7UJU	35,784
IZ5DKR	34,776
GM4M (GM4UBJ, op)	29,304
IZ5EKW	20,646
JQ1NGT	13,200
IZ3NVR	8,307
JE1RZR	7,380
SP8DR	6,840



## Single Operator Unlimited Categories

The Unlimited categories put a little bit of a different spin on things, allowing for spotting assistance that greatly improves our ability to track down needed multipliers, something that is very useful in a contest of this type. For casual operators, it allows for an easy opportunity to track down DX stations and put them in the log not just for contest purposes but also DX chasing. It's been my observation that a lot more serious operators are gravitating to the category as acceptance for assisted operations becomes more widely adopted. In SSB one must be particularly careful about this since all spots are recorded by human operators. The bad spot without a good copy of the call sign can result in a QSO bust so it's good to ensure you are working the same call that is spotted.

### Single Operator Unlimited, High Power

This race is worth taking a look at the line scores, the top five operators in this category were extremely close. Bud, AA3B, narrowly took the first position over Randy, K5ZD, by a mere 150k. N3RD, K3WW, and N2SR were all clustered right behind Randy. Some of these were so close the difference could have been a blow of the wind or a bio break!

The Canary Islands is a spectacular DX location, and it produced a win as ED8W (EA7LL, op) bested Spanish station Angel, ED5R who also turned in a great performance, as well as KH7M (NA2U, op) to wrap up the top 3.

### Single Operator Unlimited, Low Power

Lyle, WE9R, turned in a good performance comfortably ahead of Ron, KK1L, who took second in a neck and neck showdown with Kevan, N4XL. Wow there were some good showdowns in this contest! And while on the subject of showdowns there was another in this category as HD8M (KE2D, op) very narrowly took first place from VP9I (N1SV, op). The Galapagos is an amazing QTH to contest from, and the former HC8N station was legendary. Great job and good show guys!

### Single Operator Unlimited, QRP

There were not a whole lot of efforts in this category, but Anthony, K8ZT, edged newer operator Adam, KD9NYE. Thanks for playing guys.

W/VE Single Operator Unlimited Top Ten Scores	
Single Operator Unlimited, High Power	
AA3B	4,651,200
K5ZD	4,500,012
N3RD	4,250,640
K3WW	4,221,648
N2SR	4,179,420
K5GN	3,920,895
K1ZZ	3,905,868
K1KI (KM1P, op)	3,856,962
N3RS	3,717,792
AB3CX	3,593,568
Single Operator Unlimited, Low Power	
WE9R	1,618,461
KK1L	1,280,430
N4XL	1,275,000
W3KB	1,028,748
K1BX	1,000,350
WO1N	950,544
NS3T	919,884
KS1J	908,460
ND4Y	841,464
WA1Z	715,950
Single Operator Unlimited, QRP	
K8ZT	58,110
KD9NYE	35,604
K2YG	18,954
KS4X	11,322
N6AN	510

DX Single Operator Unlimited Top Ten Scores	
Single Operator Unlimited, High Power	
ED8W (EA7LL, op)	5,373,720
ED5R (EA5Z, op)	4,622,928
KH7M (NA2U, op)	4,135,980
OM2VL	3,680,598
ED3X	3,477,942
TMØR	3,411,408
OMØR (OM3GI, op)	3,408,876
IR2Q (IK2PFL, op)	3,160,476

SN7Q (SP7GIQ, op)	3,068,793
ZM4T (ZL3IO, op)	2,732,940
<b>Single Operator Unlimited, Low Power</b>	
HD8M (KE2D, op)	2,651,304
VP9I (N1SV, op)	2,602,860
S52NR	1,868,076
HK4/KC1XX	1,569,285
TI2WMP	755,013
HI8PAP	694,053
PY2ZR	459,000
YV5RAB	411,642
ZF2RJ	347,880
9A2EU	336,600
<b>Single Operator Unlimited, QRP</b>	
DL5IC	305,901
E7ØY	54,810
JA6GCE	34,932
JK2VOC	11,544
F8CPA	612
EA4HIH	3

## Single Operator, Single Band Categories

With the many different categories, assisted, non-assisted and 3 power levels within each, it is just not tenable to comment on all of the efforts that were made here, and I suggest looking through the line scores to get the best information on these. The Single Band categories are great if you want to make a narrow band focus effort, have limited time to operate during the 48-hour contest period, or are in a QTH that makes the all-band categories difficult to compete in. There were a significant amount of section/division records recorded in these categories, so jump down those line scores and take a look at how it unfolded.

<b>W/VE Single Operator, Single Band Top Ten Scores</b>	
<b>Single Operator, High Power, 160 Meters</b>	
K1ZM	5,439
N4XD	1,596
<b>Single Operator, Low Power, 160 Meters</b>	
N7AU	12
N5JDT	3

<b>Single Operator Unlimited, Low Power, 160 Meters</b>	
N3AAA	672
<b>Single Operator, High Power, 80 Meters</b>	
W3BGN	36,936
W1HI	11,931
W7BJN	1,653
WG8Y	1,380
<b>Single Operator, Low Power, 80 Meters</b>	
WZ6ZZ	336
<b>Single Operator, QRP, 80 Meters</b>	
NN1DX	27
<b>Single Operator Unlimited, High Power, 80 Meters</b>	
W3NO	18,792
KM8Q (KM8AM, op)	18,252
N9GB	9,675
W1FQ	5,346
K7STO	1,920
KBØYH	1,425
<b>Single Operator Unlimited, Low Power, 80 Meters</b>	
VE9ML	6,222
K7LU	3,483
<b>Single Operator Unlimited, QRP, 80 Meters</b>	
W2NTN	4,116
<b>Single Operator, High Power, 40 Meters</b>	
W4AAA	210,087
W6AFA	84,429
WF2W	77,937
N7RK	10,836
KG9Z	300
<b>Single Operator, Low Power, 40 Meters</b>	
KW4SW	25,134
KT4R	9,450
ACØQG	243
KB6DKK	75
W9ADN	72

KW4GF	60
KF6QEX	18
KC1ADT	3
<b>Single Operator, QRP, 40 Meters</b>	
AE4JB	60
<b>Single Operator Unlimited, High Power, 40 Meters</b>	
WX5S	113,832
K7ZSD	24,288
N7MGW	22,737
N9LR	17,820
W6KW	9,126
KB4KBS	7,182
AF4T	75
<b>Single Operator Unlimited, Low Power, 40 Meters</b>	
K1IM	8,733
WN4AFP	1,932
<b>Single Operator, High Power, 20 Meters</b>	
W1AVK	165,534
WIØWA (WØEWD, op)	155,400
W5RJJ	37,446
W8GOC	18,315
K2ACX	5,220
N4RGJ	1,980
VE6CA	168
<b>Single Operator, Low Power, 20 Meters</b>	
WX2N	31,563
K3HW	31,062
WA5SWN	3,534
W3EH	2,829
KC2SPZ	2,592
KB1EHE	2,280
N9CI	1,197
W2ZJ (N2PEZ, op)	1,008
NC8N	867
N2TO	792
<b>Single Operator, QRP, 20 Meters</b>	
K4CUZ	300
AC5O	168

VA7IR	12
<b>Single Operator Unlimited, High Power, 20 Meters</b>	
KVØQ	129,204
WA4JUK	59,280
N7TU	41,940
K5NA	26,622
KK9V	5,733
WB2NVR	2,772
AG7YX	630
<b>Single Operator Unlimited, Low Power, 20 Meters</b>	
N1KJS	10,998
KQ4AHO	5,775
W3RFX	3,948
KFØJOU	3
<b>Single Operator, High Power, 15 Meters</b>	
KU2M	515,025
K2SSS	497,610
N7RQ	276,159
VA3AR	223,008
K7ZS	153,468
N4DJ	29,445
NØUU	22,914
KB7QFE	5,880
K2PS	4,293
WØPPF	3,519
<b>Single Operator, Low Power, 15 Meters</b>	
AIØL	117,711
WA7BNM	52,920
KØBBB	46,620
NU8A	46,200
K2MS	34,776
KC8ZMN	33,408
VE3FH	31,872
W9QL	29,574
WA8ZNC	17,685
N8URE	9,828
<b>Single Operator Unlimited, High Power, 15 Meters</b>	
W6WB (W6NV, op)	459,030
WD6T (@N6RO)	430,782

K7RL	420,714
K1JB	309,645
VO1KVT	290,766
WT9U	148,320
WD8S	69,498
AD6WL	47,475
NØTA	32,190
K1SM	18,471
<b>Single Operator Unlimited, Low Power, 15 Meters</b>	
W1QK	149,178
N2EPE	23,790
VE3BFU	21,450
N1API	1,092
<b>Single Operator, High Power, 10 Meters</b>	
N4OX	594,945
N2IC	516,456
K9BGL	472,191
N1PGA	471,870
W1UE	425,184
K1TO	360,483
KØEJ	307,242
NU6S	259,065
VE3DZ	165,000
NCØB	123,480
<b>Single Operator, Low Power, 10 Meters</b>	
NØUR	112,746
N1WRK	111,720
N2YO	77,922
K6GHA	71,496
W9ILY	70,560
K3SWZ	64,800
WBØLQC	64,068
N8AP	62,712
VE3TM	51,759
VY2LI	49,776
<b>Single Operator, QRP, 10 Meters</b>	
W5GAI	42,600
VE3NZ	34,713
K3TW	25,584
WB2AMU	21,336

W7USA	13,680
K9JK	6,039
W4SEZ	1,596
N6HI	714
W8IQ	624
NØSTP	585
<b>Single Operator Unlimited, High Power, 10 Meters</b>	
N8OO	712,800
VA2WA	512,820
W9XY	386,400
AD4EB	385,443
K3EST	371,700
W5PR	371,280
KN2M	317,469
K6LL	313,617
NE8P	274,122
K4WI	269,505
<b>Single Operator Unlimited, Low Power, 10 Meters</b>	
K1EP	258,324
W9XT	177,309
VA3IPG	107,448
W9MR	106,560
W6ZL	62,139
WB8JUI	51,516
WA3RHW	50,853
N4NM	45,990
N9VPV	44,019
K3GWK	34,068
<b>Single Operator Unlimited, QRP, 10 Meters</b>	
K6JS	27,531
K2GMY	13,230
KQ2RP	3,042

<b>DX Single Operator, Single Band Top Ten Scores</b>	
<b>Single Operator, Low Power, 160 Meters</b>	
CO2RQ	966
<b>Single Operator Unlimited, High Power, 160 Meters</b>	
UT6UD	60
<b>Single Operator, High Power, 80 Meters</b>	



GM3PPG (G4BYB, op)	106,029
I5JVA	102,150
T15VMJ	77,112
LZ6Y (LZ1KU, op)	17,910
YO3VU	6,624
JH7XMO	4,374
KH6QJ	18
<b>Single Operator, Low Power, 80 Meters</b>	
KP4KE	117,936
SP6LUV	12,402
JE1SPY	735
4Z4KX	54
<b>Single Operator, QRP, 80 Meters</b>	
IO5K (IK5TBK, op)	378
JH1APZ	18
<b>Single Operator Unlimited, High Power, 80 Meters</b>	
HA1TJ	74,970
EC7WR	37,392
SO9I (SQ9ORQ, op)	33,264
OK1CRM	25,500
IK1PMR	4,752
SP3GTS	2,850
<b>Single Operator Unlimited, Low Power, 80 Meters</b>	
OK1DPU	2,862
LY5GT	210
<b>Single Operator, High Power, 40 Meters</b>	
IK6LBT	266,040
T11T	199,578
II2S (IZ2KXC, op)	180,264
OM5R (OM5DX, op)	170,262
YT1A	163,293
JJØVNR	84,915
S51CK	78,678
LZ6S	73,800
LZ5K	52,668
IKØNMJ	23,478
<b>Single Operator, Low Power, 40 Meters</b>	
YV6BXN	33,792

PP2CC	24,531
YB8RVI	2,196
DL5RU	1,152
YD8IKY	600
CM8JFL	588
JA7HYS	570
DU1JW	285
ZP6TT	231
JH1RDU	216
<b>Single Operator, QRP, 40 Meters</b>	
JR1ABS	462
JA2MWV	150
BG4WOM	96
JH3DMQ	48
<b>Single Operator Unlimited, High Power, 40 Meters</b>	
V31XX	548,280
IQ1DF (IK1HJS, op)	220,761
S51YI	213,846
CO8ZZ	212,211
SN3A (SP3GEM, op)	155,208
JH7MQD	90,168
G8X (G4FJK, op)	70,560
EI5KF	66,003
PY5QW	46,782
9A2KD	16,608
<b>Single Operator Unlimited, Low Power, 40 Meters</b>	
F4IRT	2,970
OE1KDK	510
JJ1AEB	480
PY2GTA	192
JF3KQA	120
IUØPVI	75
E29TGW	30
EA4AFP	27
IZ2BHQ	6
<b>Single Operator Unlimited, QRP, 40 Meters</b>	
EA3O	4,554
YCØSJA	84
<b>Single Operator, High Power, 20 Meters</b>	

CO2XN	549,720
CQ8Q (PT2FM, op)	242,460
EA3CI	159,906
OH8L (OH8LQ, op)	151,962
ES5RW	131,370
CE3QY	105,165
YT7B	84,336
SP9RCL	60,588
CO2AME	47,889
PR7AR	42,300
<b>Single Operator, Low Power, 20 Meters</b>	
PY2NY	157,500
ZZ5K (PP5RT, op)	151,164
EXØM	33,558
FW1JG	29,835
YB2CPO	19,782
LT1K (LU6KA, op)	18,603
PP5IP	14,484
CT1FOQ	9,135
ZZ2A (PY2BRP, op)	8,991
XE2OK	5,625
<b>Single Operator, QRP, 20 Meters</b>	
F5BEG	1,344
IW2EPE	126
<b>Single Operator Unlimited, High Power, 20 Meters</b>	
HA1AH	276,879
IR6T (IK6JNH, op)	260,100
CT9ABN	227,880
LO7H (LU7HW, op)	168,504
DL7BC	167,751
DH1TT	162,324
IT9EWR	137,592
UA9MA	136,290
PP1WW	134,235
IT9XTP	110,760
<b>Single Operator Unlimited, Low Power, 20 Meters</b>	
CN8SG	47,334
R4WDX	32,781
TI2MOT	20,250
PT2SR	18,759

EB3FLY	10,404
DL4VAI	7,395
E74TM	2,244
9A1BN	891
LY2BGP	756
DL7FB	105
<b>Single Operator, High Power, 15 Meters</b>	
CR6T (CT1ESV, op)	460,440
S55OO	400,140
ZX2V (PY2XV, op)	345,780
EB7A	287,280
TI1I (TI2VVV, op)	262,491
SN5X (SP5GRM, op)	249,840
TM5T	217,533
XQ1KZ	213,108
LZ2VU	209,391
S5ØR	172,881
<b>Single Operator, Low Power, 15 Meters</b>	
CO6LC	339,120
TI2JS	168,606
YW6CQ (YV6BXN, op)	159,885
EA8KY	156,468
XE1CT	121,968
PY2QT	114,072
M5LMG	68,475
PT2EM	66,303
CO2KL	65,124
CE5PHR	51,450
<b>Single Operator, QRP, 15 Meters</b>	
7N4WPY	3,795
DO3KTM	2,442
OU2V (OZ1FJB, op)	1,344
IU3OJA	561
UT7AA	561
JA1KPF	336
J11NZA/1	294
JHØKFI	3
<b>Single Operator Unlimited, High Power, 15 Meters</b>	
9A3TR	383,040
SN2M (SP2XF, op)	376,020

HA5JI	330,840
S5ØK	300,600
F4GGQ	293,040
ZP5DBC	280,260
IZ2FOS	266,220
EB5A	261,606
HG1S (HA1DAE, op)	253,980
FG4KH (F1DUZ, op)	237,600
<b>Single Operator Unlimited, Low Power, 15 Meters</b>	
KP4PUA	364,620
PY2VZ	142,131
ED7B (EA7ZC, op)	141,423
E7CW (E77FA, op)	137,160
ZW2A (PY2SGL, op)	117,936
EA4AOC	111,150
PY8WW	89,100
M1U (MØUTD, op)	67,200
JM1NKT	52,332
IZ3KKE	44,997
<b>Single Operator, High Power, 10 Meters</b>	
PX2A (PY2PT, op)	567,360
CR6K (CT1CJJ, op)	495,900
EI7M (EI3JZ, op)	456,840
LU8DPM	363,420
S53WW	333,720
OK1GTH	296,820
YT8WW	289,260
IK8UND	261,720
MM2N (MMØGPZ, op)	257,346
OQ4U	250,809
<b>Single Operator, Low Power, 10 Meters</b>	
PY2UD	221,676
CO2VDD	203,952
EA4KD	193,992
LU1DJX	187,824
PY2EX	167,973
9A9R	167,832
FG5GP	166,152
EA8KR	161,778
4M1W (YV1SW, op)	155,229
PY2CX	136,467

<b>Single Operator, QRP, 10 Meters</b>	
PY2BN	62,328
DH8BQA	10,701
SM5INC	6,696
LU7VCH	2,850
JK1CNL	2,508
JA1NEZ	2,091
G8AFN	828
PA3GLK	495
J11AEP	150
JK1NWD/1	144
<b>Single Operator Unlimited, High Power, 10 Meters</b>	
PT5J (PP5JR, op)	675,540
PV2G (PT2IC, op)	497,340
EA5S	468,000
ZP5WBM	426,756
CQ3A (S53K, op)	388,440
TMØT (F4HQZ, op)	379,665
M5B (G3WVG, op)	366,567
HG3R (HA3NU, op)	358,740
TM1W	323,202
V55Y (V51WH, op)	292,404
<b>Single Operator Unlimited, Low Power, 10 Meters</b>	
PU5FJR	174,345
PY2HT	164,778
9Z4Y	141,075
PY2CPS	136,080
EA8TR	129,804
AZ1D (LU4DJB, op)	125,628
PU1JSV	113,850
M5W	108,864
KH6WI	105,144
HGØR (HAØNAR, op)	99,057
<b>Single Operator Unlimited, QRP, 10 Meters</b>	
SP7M	11,130
YO8WW	4,617
PU5ALE	504

VP5M	7,350,633	MSLP	VP5
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## The Records

As mentioned previously, many Single Op, Single Band category records were set this year, in both the domestic and DX competition. 2 Multioperator Single Transmitter category records were set as well, with N4SS setting the W/VE record, and VP5M setting the DX record.

### New Overall Records- W/VE

<i>Call</i>	<i>Score</i>	<i>Category</i>	<i>Sect</i>
N3AAA	672	SOULP-160	WPA
NN1DX	27	SOQRP-80	CT
W3NO	18,792	SOUHP-80	WPA
VE9ML	6,222	SOULP-80	NB
W2NTN	4,116	SOUQRP-80	NNJ
KW4SW	25,134	SOLP-40	AL
WX5S	113,832	SOUHP-40	EB
K1IM	8,733	SOULP-40	ME
K4CUZ	300	SOQRP-20	SFL
W6WB (W6NV, op)	459,030	SOUHP-15	EB
W1QK	149,178	SOULP-15	CT
NØUR	112,746	SOLP-10	MN
W5GAI	42,600	SOQRP-10	MS
N8OO	712,800	SOUHP-10	LA
K1EP	258,324	SOULP-10	VT
K6JS	27,531	SOUQRP-10	SF
N4SS	2,704,083	MSLP	KY

### New Overall Records – DX

<i>Call</i>	<i>Score</i>	<i>Category</i>	<i>Cty</i>
CO2RQ	966	SOLP-160	CM
KP4KE	117,936	SOLP-80	KP4
IO5K (IK5TBK, op)	378	SOQRP-80	I
HA1TJ	74,970	SOUHP-80	HA
JR1ABS	462	SOQRP-40	JA
V31XX	548,280	SOUHP-40	V3
EA3O	4,554	SOUQRP-40	EA
CO6LC	339,120	SOLP-15	CM
9A3TR	383,040	SOUHP-15	9A
KP4PUA	364,620	SOULP-15	KP4
PT5J (PP5JR, op)	675,540	SOUHP-10	PY
SP7M	11,130	SOUQRP-10	SP

## Affiliated Club Competition

In the Unlimited club competition, Frankford Radio Club held onto the top spot, with 234 entries submitted. YCCC and PVRC held onto the #2 and #3 positions for last year as well. The Society of Midwest Contesters took the #4 spot from Contest Club Ontario, who fell to #5.

In the Medium clubs, Central Texas DX and Contest Club bumped Hudson Valley Contesters and DXers from the top spot, rising from 7<sup>th</sup> place last year. Bay Area DXers made an impressive leap from 12<sup>th</sup> place last year, to take the #3 spot.

In the Local category, Central Virginia Contest Club held onto the top spot, With Hilltop Transmitting Assn. moving into 2<sup>nd</sup> place, displacing CTRI contest group into 3<sup>rd</sup> place.

<i>Club</i>	<i>Score</i>	<i>Entries</i>
<b>Unlimited</b>		
Frankford Radio Club	357,033,399	234
Yankee Clipper Contest Club	263,255,811	217
Potomac Valley Radio Club	173,126,664	220
Society of Midwest Contesters	55,513,095	122
Contest Club Ontario	54,954,084	72
Florida Contest Group	49,998,057	73
Arizona Outlaws Contest Club	47,486,970	67
Minnesota Wireless Assn	44,416,967	103
Northern California Contest Club	29,706,147	76
Southern California Contest Club	27,370,347	62
<b>Medium</b>		
Central Texas DX and Contest Club	27,489,999	34
Hudson Valley Contesters and DXers	25,364,871	42
Bay Area DXers	22,222,461	18
North Coast Contesters	19,231,404	18
Tennessee Contest Group	18,997,278	41
Willamette Valley DX Club	17,593,959	29
Grand Mesa Contesters of Colorado	16,868,862	34
Arkansas DX Assn	16,756,662	18
DFW Contest Group	15,949,170	38
Mad River Radio Club	15,466,287	28
Big Sky Contesters	15,143,232	16

Alabama Contest Group	14,259,855	28
South East Contest Club	14,041,302	38
Texas DX Society	13,471,908	13
Western Washington DX Club	11,802,936	46
Swamp Fox Contest Group	10,673,076	24
Orca DX and Contest Club	10,533,078	16
Order of Boiled Owls of New York	9,506,338	14
Kansas City Contest Club	9,163,786	13
Kentucky Contest Group	7,560,984	23
Carolina DX Association	7,216,878	23
Niagara Frontier Radiosport	6,791,646	12
Northeast Maryland Amateur Radio Contest Society	6,789,213	14
Driftless Zone Contesters	5,698,869	7
Northeast Wisconsin DX Assn	4,341,753	4
Rochester (NY) DX Assn	4,098,858	15
The Villages Amateur Radio Club	3,695,196	15
Radiosport Manitoba	3,676,054	7
Mother Lode DX/Contest Club	3,420,948	16
599 DX Association	3,242,715	7
Bristol (TN) ARC	3,118,680	11
Spokane DX Association	2,827,083	20
Idaho Mountain Amateur Radio Society	2,444,643	6
Great Salt Lake Contest Club	2,403,621	3
Heartland DX Association	2,253,018	9
Saskatchewan Contest Club	2,069,721	11
South Jersey Radio Assn	1,942,377	10
Silver Comet Amateur Radio Society	1,934,103	10
North Texas Contest Club	1,723,314	4
Deep Dixie Contest Club	1,712,997	5
Portage County Amateur Radio Service	1,347,942	9
North Carolina DX and Contest Club	1,322,208	3
New Providence ARC	1,046,511	7
Great Places Contest Club	755,559	3
Mississippi Valley DX/Contest Club	593,541	6
Maritime Contest Club	530,520	6
Eastern Iowa DX Assn	414,828	6
American Red Cross Emergency Communications Service	328,179	3
Oklahoma City Autopatch Association	244,155	7
Valley Amateur Radio Association	156,360	3
Phil-Mont Mobile Radio Club	98,946	6
Sierra Nevada ARS	98,754	7

Oklahoma DX Assn	96,048	3
Fairlawn ARC	55,263	4
Long Island Mobile ARC	41,415	3
<b>Local</b>		
Central Virginia Contest Club	8,592,765	10
Hilltop Transmitting Assn	3,515,589	4
CTRI Contest Group	2,967,027	8
Iowa DX and Contest Club	1,290,039	5
Meriden ARC	1,070,979	9
Silver Springs Radio Club	854,778	3
Vienna Wireless Society	436,125	5
Alexandria Radio Club	340,254	6
Sterling Park ARC	318,549	6
Metro DX Club	265,884	6
Story County Amateur Radio Club	252,219	3
Boulder Amateur Radio Club	212,259	3
Bergen ARA	148,611	3
OH-KY-IN ARS	108,090	4
Central Oregon DX Club	72,774	4

## DX Club Scores

In an effort to encourage competition between clubs that are not located within the US and Canada, club scores for DX clubs with three or more entries are listed below.

Club Name	Score	Entries
Bavarian Contest Club	78,585,534	244
EA Contest Club	40,192,386	57
Italian Contest Club	39,513,897	145
Croatian Contest Club	32,988,372	25
Rhein Ruhr DX Association	14,238,312	69
Clipperton DX Club	12,955,686	18
Araucaria DX Group	11,452,428	43
Catalonia Contest Club	10,871,076	15
Russian Contest Club	10,014,513	58
Ukrainian Contest Club	9,115,335	47
LA Contest Club	8,517,456	7
Hermosillo Contest Group	7,646,016	3
Belokranjec Contest Club	7,507,530	14
LU Contest Group	6,819,471	15
Rio DX Group	5,601,531	69
Contest Club Finland	5,470,467	25
SP DX Club	4,738,617	45

HA DX Club	4,609,575	10
Contest Club Serbia	4,500,357	16
Ten-Fifty Contest Group	4,387,920	3
Latvian Contest Club	4,146,078	16
West Serbia Contest Club	4,122,039	7
Danish DX Group	3,997,023	13
Contest Club Belgium	3,938,160	22
RSGB Contest Club	3,503,010	6
Czech Contest Club	3,409,260	10
Slovenia Contest Club	3,377,448	17
RTTY Contesters of Japan	3,335,235	5
599 Contest Club	3,030,612	6
Avondhu Radio Club	2,772,165	3
Baltic Contest Club	2,582,046	10
Kaunas University of Technology Radio Club	2,346,582	15
Interest Group RTTY	2,318,979	10
Santiago de Cuba Contest Team	2,223,162	3
Associacao Dos Radioamadores Do Parana	2,210,031	12
Chiltern DX Club	2,142,747	9
Vrhnika Contesters	2,085,954	7
Gunma Contest Club	2,074,998	7
GMDX Group	2,006,718	8
Belarus Contest Team	1,959,504	7
599 DX Association	1,769,007	12
VK Contest Club	1,576,677	10
UA2 Contest Club	1,509,561	4
Belarus Contest Club	1,377,159	11
JSFC	1,148,796	3
Thracian Rose Club	1,066,452	24
ALRS St. Petersburg	1,005,201	8
Sharks DX Team	997,854	6
CS Petrolul Ploiesti	980,004	3
Cabreuvadx	979,530	30
Espirito Santo Contest Group	950,763	3
Three As Contest Group	914,379	3
Radioclubul Radu Bratu	899,370	3
European DX Contest Club	774,264	4
Aripa DX Team	749,430	4
CE Contest Group	720,594	8
Keymen's Club of Japan	709,431	13
Japan Lid Club	672,945	3
RCWC	599,610	13
Essex CW Amateur Radio Club	587,076	3

Radio Club Venezolano Caracas	583,473	7
Hisingens Radioklubb	566,916	7
Radio Club Bunschoten	549,720	3
CWSP	523,770	9
Ural Contest Group	484,197	6
Russian CW Club	473,886	8
5NNDXCC	464,970	18
Cyclades DX Club	438,297	8
Klub Radioamatera " 9 "	421,068	5
Riihimaen Kolmoset	411,084	3
Spandau DXers	324,903	3
YB-Land Dx Club	315,270	7
YB-Land DXing Passion Is	307,125	61
Skoevde Amateur Radio Club	300,597	6
CDR Group	298,533	14
Siam DX Group	284,559	7
Vasteras Radioklubb	262,296	4
Radio Club de Costa Rica	256,377	3
Central Siberia DX Club	240,774	4
Norfolk Coast Amateur Radio Society	228,960	3
Falcons DX Group	222,174	15
CSM Craiova	220,905	4
DX101 Contest Club	219,177	8
DXXE	212,850	4
Bristol Contest Group	200,184	3
UNCC	190,062	5
Double T Team	178,713	3
Clube de CW de Sao Paulo	172,323	3
Radio Club Kvarner Rijeka	156,396	4
Admira Arad	138,783	4
CSA Steaua	135,483	4
ARCK	124,734	3
ARKTIKA	113,793	4
Tall Trees Contest Group	110,823	4
R4F-DX-Group	108,915	3
Waterland	100,500	3
Crows Contest Team	79,968	3
Guara Dx Group	77,370	4
Fuchu Amateur Radio Club	69,888	6
Milazzo Contest Team	57,990	3
SP DX Team	56,046	5
Lithuanian Contest Group	54,318	3
Obninsk QRU Club	47,562	5
YO DX Club	46,119	5



Bochenska Grupa Krotkofalowcow	46,041	6
YU1ANO & YU1A Contest Team	41,272	3
Vladimir Contest Group	36,795	3
RU-QRP CLUB	29,754	3
CSM Timisoara	20,904	4
VU Contest Group	19,944	3
Shakhan Contest Club	19,074	4
Gipanis Contest Group	13,626	3
The Akita DX Association	13,146	3
BT CW Club	11,208	3
National Children's Palace	10,407	4
Edit14	9,786	3
7A DX-Contest Club	5,784	5
A1 Club	4,158	3
SCAN International	1,785	3
Radiofarol DX Group	1,362	6
Pelila Up	84	3

## In Summary

Things just keep getting better here, with fabulous band conditions, a solar peak approaching, and end to pandemic era travel concerns leading to more DX operations, Multi-op opportunities and good contesting fun. We hope to see you in the ARRL DX SSB Contest in 2024.

**Mark your calendars! The 2024 ARRL  
International DX Phone Contest is  
March 2 - 3, 2024!**

# Continental Winners

## Africa

Single Operator, High Power	CT3KN	2,054,160
Single Operator, Low Power	D44PM	414,120
Single Operator, QRP	EA8RM	108,192
Single Operator Unlimited, High Power	ED8W (EA7LL, op)	5,373,720
Single Operator Unlimited, Low Power	3V8SS	20,445
Single Operator Unlimited, High Power, 20 Meters	CT9ABN	227,880
Single Operator Unlimited, Low Power, 20 Meters	CN8SG	47,334
Single Operator, Low Power, 15 Meters	EA8KY	156,468
Single Operator, Low Power, 10 Meters	EA8KR	161,778
Single Operator Unlimited, High Power, 10 Meters	CQ3A (S53K, op)	388,440
Single Operator Unlimited, Low Power, 10 Meters	EA8TR	129,804
Multioperator, Single Transmitter, High Power	FR8TZ	410,112

## Antarctica

Single Operator, High Power, 10 Meters	LU1ZV (LU8YD, op)	126
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## Asia

Single Operator, High Power	JF2QNM	1,568,136
Single Operator, Low Power	JL8PZO	37,800
Single Operator, QRP	JH7UJU	35,784
Single Operator Unlimited, High Power	JE1LFX	610,560
Single Operator Unlimited, Low Power	JH1EAQ	317,088
Single Operator Unlimited, QRP	JA6GCE	34,932
Single Operator, High Power, 80 Meters	JH7XMO	4,374
Single Operator, Low Power, 80 Meters	JE1SPY	735
Single Operator, QRP, 80 Meters	JH1APZ	18
Single Operator, High Power, 40 Meters	JJØVNR	84,915
Single Operator, Low Power, 40 Meters	JA7HYS	570
Single Operator, QRP, 40 Meters	JR1ABS	462
Single Operator Unlimited, High Power, 40 Meters	JH7MQD	90,168
Single Operator Unlimited, Low Power, 40 Meters	JJ1AEB	480
Single Operator, High Power, 20 Meters	UA9CUA	10,440
Single Operator, Low Power, 20 Meters	EXØM	33,558
Single Operator Unlimited, High Power, 20 Meters	UA9MA	136,290
Single Operator, High Power, 15 Meters	JH1KRC	72,900
Single Operator, Low Power, 15 Meters	JR1AKD	4,620
Single Operator, QRP, 15 Meters	7N4WPY	3,795
Single Operator Unlimited, High Power, 15 Meters	JH7CUO	16,932
Single Operator Unlimited, Low Power, 15 Meters	JM1NKT	52,332
Single Operator, High Power, 10 Meters	JAØJHA	210,168
Single Operator, Low Power, 10 Meters	JA6WFM	61,617
Single Operator, QRP, 10 Meters	JK1CNL	2,508

Single Operator Unlimited, High Power, 10 Meters	A62A (A65BP, op)	97,065
Single Operator Unlimited, Low Power, 10 Meters	H25A	42,480
Multioperator, Single Transmitter, High Power	JH4UYB	1,501,770
Multioperator, Single Transmitter, Low Power	BY5EA	68,634
Multioperator, Two Transmitter	JR2GRX	2,117,910
Multioperator, Multitransmitter	JA3YBK	2,972,682

## Europe

Single Operator, High Power	E7DX (E77DX, op)	5,240,352
Single Operator, Low Power	CT2HOV	879,000
Single Operator, QRP	IU1NKS	322,224
Single Operator Unlimited, High Power	ED5R (EA5Z, op)	4,622,928
Single Operator Unlimited, Low Power	S52NR	1,868,076
Single Operator Unlimited, QRP	DL5IC	305,901
Single Operator Unlimited, High Power, 160 Meters	UT6UD	60
Single Operator, High Power, 80 Meters	GM3PPG (G4BYB, op)	106,029
Single Operator, Low Power, 80 Meters	SP6LUV	12,402
Single Operator, QRP, 80 Meters	IO5K (IK5TBK, op)	378
Single Operator Unlimited, High Power, 80 Meters	HA1TJ	74,970
Single Operator Unlimited, Low Power, 80 Meters	OK1DPU	2,862
Single Operator, High Power, 40 Meters	IK6LBT	266,040
Single Operator, Low Power, 40 Meters	DL5RU	1,152
Single Operator Unlimited, High Power, 40 Meters	IQ1DF (IK1HJS, op)	220,761
Single Operator Unlimited, Low Power, 40 Meters	F4IRT	2,970
Single Operator Unlimited, QRP, 40 Meters	EA3O	4,554
Single Operator, High Power, 20 Meters	CQ8Q (PT2FM, op)	242,460
Single Operator, Low Power, 20 Meters	CT1FOQ	9,135
Single Operator, QRP, 20 Meters	F5BEG	1,344
Single Operator Unlimited, High Power, 20 Meters	HA1AH	276,879
Single Operator Unlimited, Low Power, 20 Meters	R4WDX	32,781
Single Operator, High Power, 15 Meters	CR6T (CT1ESV, op)	460,440
Single Operator, Low Power, 15 Meters	M5LMG	68,475
Single Operator, QRP, 15 Meters	DO3KTM	2,442
Single Operator Unlimited, High Power, 15 Meters	9A3TR	383,040
Single Operator Unlimited, Low Power, 15 Meters	ED7B (EA7ZC, op)	141,423
Single Operator, High Power, 10 Meters	CR6K (CT1CJJ, op)	495,900
Single Operator, Low Power, 10 Meters	EA4KD	193,992
Single Operator, QRP, 10 Meters	DH8BQA	10,701
Single Operator Unlimited, High Power, 10 Meters	EA5S	468,000
Single Operator Unlimited, Low Power, 10 Meters	M5W	108,864
Single Operator Unlimited, QRP, 10 Meters	SP7M	11,130
Multioperator, Single Transmitter, High Power	CU2AA	5,543,082
Multioperator, Single Transmitter, Low Power	3Z1K	453,600
Multioperator, Two Transmitter	TM6M	7,443,072
Multioperator, Multitransmitter	9A1A	7,441,200

## North America

Single Operator, High Power	8P5A	8,584,320
Single Operator, Low Power	WP3C	4,132,179
Single Operator, QRP	CO6EC	2,025
Single Operator Unlimited, High Power	AL2F	842,904
Single Operator Unlimited, Low Power	VP9I (N1SV, op)	2,602,860
Single Operator, Low Power, 160 Meters	CO2RQ	966
Single Operator, High Power, 80 Meters	TI5VMJ	77,112
Single Operator, Low Power, 80 Meters	KP4KE	117,936
Single Operator, High Power, 40 Meters	TI1T	199,578
Single Operator, Low Power, 40 Meters	CM8JFL	588
Single Operator Unlimited, High Power, 40 Meters	V31XX	548,280
Single Operator, High Power, 20 Meters	CO2XN	549,720
Single Operator, Low Power, 20 Meters	XE2OK	5,625
Single Operator Unlimited, Low Power, 20 Meters	TI2MOT	20,250
Single Operator, High Power, 15 Meters	TI1I (TI2VVV, op)	262,491
Single Operator, Low Power, 15 Meters	CO6LC	339,120
Single Operator Unlimited, High Power, 15 Meters	FG4KH (F1DUZ, op)	237,600
Single Operator Unlimited, Low Power, 15 Meters	KP4PUA	364,620
Single Operator, High Power, 10 Meters	KP4PR	182,178
Single Operator, Low Power, 10 Meters	CO2VDD	203,952
Single Operator, QRP, 10 Meters	TI2BSH	75
Single Operator Unlimited, High Power, 10 Meters	V31DK (KØZV, op)	8,613
Single Operator Unlimited, Low Power, 10 Meters	KP4DRB	12
Multioperator, Single Transmitter, High Power	ZF1A	9,304,440
Multioperator, Single Transmitter, Low Power	VP5M	7,350,633
Multioperator, Multitransmitter	HI3LT	5,133,024

## Oceania

Single Operator, High Power	WH7T (WH7W, op)	1,850,217
Single Operator, Low Power	YB1RKT	51,714
Single Operator, QRP	YC1HBP	105
Single Operator Unlimited, High Power	KH7M (NA2U, op)	4,135,980
Single Operator Unlimited, Low Power	YB9ELS	52,875
Single Operator, High Power, 80 Meters	KH6QJ	18
Single Operator, High Power, 40 Meters	YC2CQO	36
Single Operator, High Power, 40 Meters	YD3BSA	36
Single Operator, Low Power, 40 Meters	YB8RVI	2,196
Single Operator Unlimited, QRP, 40 Meters	YCØSJA	84
Single Operator, High Power, 20 Meters	YB1DIU	19,434
Single Operator, Low Power, 20 Meters	FW1JG	29,835
Single Operator Unlimited, High Power, 20 Meters	VK3X (VK3GK, op)	40,500
Single Operator, High Power, 15 Meters	YCØRFS	75
Single Operator, Low Power, 15 Meters	DU9WTZ	1,248

Single Operator Unlimited, High Power, 15 Meters	YBØSAS	450
Single Operator Unlimited, Low Power, 15 Meters	4I1BNC	252
Single Operator, High Power, 10 Meters	VL4U	135,432
Single Operator, Low Power, 10 Meters	KH6AQ	66,249
Single Operator, QRP, 10 Meters	YG3FAP	18
Single Operator, QRP, 10 Meters	NH6O	18
Single Operator Unlimited, High Power, 10 Meters	ZL1T (ZL1ANH, op)	123,585
Single Operator Unlimited, Low Power, 10 Meters	KH6WI	105,144
Multioperator, Single Transmitter, High Power	VL4A	75,600
Multioperator, Single Transmitter, Low Power	DX1ART	3,168
Multioperator, Two Transmitter	AH2R	1,862,352
Multioperator, Multitransmitter	7I6O	36

## South America

Single Operator, High Power	ZW2N (PY2MNL, op)	2,088,576
Single Operator, Low Power	P49Y	5,263,506
Single Operator, QRP	PY2PLL	4,158
Single Operator Unlimited, High Power	PV2K (PY2KNK, op)	1,319,298
Single Operator Unlimited, Low Power	HD8M (KE2D, op)	2,651,304
Single Operator, High Power, 40 Meters	LU2DVI	3,150
Single Operator, Low Power, 40 Meters	YV6BXN	33,792
Single Operator Unlimited, High Power, 40 Meters	PY5QW	46,782
Single Operator Unlimited, Low Power, 40 Meters	PY2GTA	192
Single Operator, High Power, 20 Meters	CE3QY	105,165
Single Operator, Low Power, 20 Meters	PY2NY	157,500
Single Operator Unlimited, High Power, 20 Meters	LO7H (LU7HW, op)	168,504
Single Operator Unlimited, Low Power, 20 Meters	PT2SR	18,759
Single Operator, High Power, 15 Meters	ZX2V (PY2XV, op)	345,780
Single Operator, Low Power, 15 Meters	YW6CQ (YV6BXN, op)	159,885
Single Operator Unlimited, High Power, 15 Meters	ZP5DBC	280,260
Single Operator Unlimited, Low Power, 15 Meters	PY2VZ	142,131
Single Operator, High Power, 10 Meters	PX2A (PY2PT, op)	567,360
Single Operator, Low Power, 10 Meters	PY2UD	221,676
Single Operator, QRP, 10 Meters	PY2BN	62,328
Single Operator Unlimited, High Power, 10 Meters	PT5J (PP5JR, op)	675,540
Single Operator Unlimited, Low Power, 10 Meters	PU5FJR	174,345
Single Operator Unlimited, QRP, 10 Meters	PU5ALE	504
Multioperator, Single Transmitter, High Power	CX5A	964,440
Multioperator, Single Transmitter, Low Power	PR1T	909,141
Multioperator, Two Transmitter	PJ4G	11,350,983
Multioperator, Multitransmitter	PJ2T	11,507,886

## Regional Leaders

West Coast Region		
<i>(Pacific, Northwestern, and Southwestern Divisions; Alberta, British Columbia and TER Sections)</i>		
N9RV	2,810,904	SOHP
K6XX	753,831	SOHP
W7XQ	633,600	SOHP
K9JF	590,058	SOHP
N6AA	486,297	SOHP
VE6TN	823,536	SOLP
N6OKU	206,505	SOLP
N7ESU	172,800	SOLP
K7HKR	158,097	SOLP
KJ9C	155,232	SOLP
W6QU (W8QZA, op)	164,439	SOQRP
N7JI	3,060	SOQRP
N6RV	1,891,344	SOUHP
KA6BIM	1,559,736	SOUHP
W7VJ	606,138	SOUHP
WE6Z	585,081	SOUHP
K7IU	569,988	SOUHP
WZ8T	491,400	SOULP
N7GCO	379,557	SOULP
VA7BEC	348,840	SOULP
N7IR	334,152	SOULP
W7BOB	303,534	SOULP
N6AN	510	SOUQRP
N7AU	12	SOLP-160
W7BJN	1,653	SOHP-80
WZ6ZZ	336	SOLP-80
K7STO	1,920	SOUHP-80
W6AFA	84,429	SOHP-40
N7RK	10,836	SOHP-40

KB6DKK	75	SOLP-40
KF6QEX	18	SOLP-40
WX5S	113,832	SOUHP-40
K7ZSD	24,288	SOUHP-40
N7MGW	22,737	SOUHP-40
VE6CA	168	SOHP-20
VA7IR	12	SOQRP-20
N7TU	41,940	SOUHP-20
N7RQ	276,159	SOHP-15
K7ZS	153,468	SOHP-15
KB7QFE	5,880	SOHP-15
WA7BNM	52,920	SOLP-15
WA8ZNC	17,685	SOLP-15
KA7T	4,116	SOLP-15
K6TUJ	1,197	SOLP-15
N7VR	192	SOLP-15
W6WB (W6NV, op)	459,030	SOUHP-15
WD6T (@N6RO)	430,782	SOUHP-15
K7RL	420,714	SOUHP-15
AD6WL	47,475	SOUHP-15
N7DX	11,934	SOUHP-15
NU6S	259,065	SOHP-10
VE6UM	62,592	SOHP-10
W7TX	37,611	SOHP-10
N7DBI	8,325	SOHP-10
N7LR	4,611	SOHP-10
K6GHA	71,496	SOLP-10
KJ6MBW	30,051	SOLP-10
NF7E	14,904	SOLP-10
K7CX	14,616	SOLP-10
NX7W (N7FLT, op)	13,080	SOLP-10
W7USA	13,680	SOQRP-10
N6HI	714	SOQRP-10



K3EST	371,700	SOUHP-10
K6LL	313,617	SOUHP-10
KC7V	145,509	SOUHP-10
W7RN (K5RC, op)	119,769	SOUHP-10
K6EZ	100,164	SOUHP-10
W6ZL	62,139	SOULP-10
NX7Q	13,728	SOULP-10
K6EI	189	SOULP-10
W7/KH8B (JH3PRR, op)	48	SOULP-10
K6JS	27,531	SOUQRP-10
K2GMY	13,230	SOUQRP-10
ND7K	3,558,048	MSHP
NX6T	2,024,253	MSHP
K7RI	1,270,980	MSHP
W7VO	588,240	MSHP
WØRIC	532,650	MSHP
W7STV	53,508	MSLP
W7RM	4,047,402	MM
<b>Midwest Region</b>		
<i>(Dakota, Midwest, Rocky Mountain, and West Gulf Divisions; Manitoba and Saskatchewan Sections)</i>		
K5TR	4,132,128	SOHP
K5WA	2,174,130	SOHP
N5AW	1,052,700	SOHP
N7WY	767,340	SOHP
K5RX	553,548	SOHP
VE5SF	419,895	SOLP
KØJJR	267,498	SOLP
KFØIDT	190,104	SOLP
NW5Q	177,996	SOLP
KFØHCN	160,356	SOLP
NDØC	320,076	SOQRP
W1JCW	180,960	SOQRP
N3CI	18,300	SOQRP
WØESE	11,385	SOQRP

NO5V	243	SOQRP
K5GN	3,920,895	SOUHP
KØAP	1,911,960	SOUHP
NØKV	1,226,565	SOUHP
AD5XD	1,194,480	SOUHP
KE5MMT	1,171,734	SOUHP
AD1C	711,282	SOULP
KØEA	401,556	SOULP
KI5MM	384,054	SOULP
KEØITC	361,008	SOULP
NØEO (AAØAW, op)	312,069	SOULP
N5JDT	3	SOLP-160
N9GB	9,675	SOUHP-80
KBØYH	1,425	SOUHP-80
ACØQG	243	SOLP-40
WIØWA (WØEWD, op)	155,400	SOHP-20
W5RJJ	37,446	SOHP-20
WA5SWN	3,534	SOLP-20
N9CI	1,197	SOLP-20
KVØQ	129,204	SOUHP-20
K5NA	26,622	SOUHP-20
AG7YX	630	SOUHP-20
KFØJOU	3	SOULP-20
NØUU	22,914	SOHP-15
WØPPF	3,519	SOHP-15
AIØL	117,711	SOLP-15
KØBBB	46,620	SOLP-15
N9HDE	9,546	SOLP-15
WZØW	3,588	SOLP-15
KFØAAC	2,400	SOLP-15
NØTA	32,190	SOUHP-15
K2KR	15,006	SOUHP-15

KFØIQ	1,260	SOUHP-15
N2IC	516,456	SOHP-10
NCØB	123,480	SOHP-10
WM7Z	19,845	SOHP-10
KD5AFS	4,557	SOHP-10
NØUR	112,746	SOLP-10
WBØLQC	64,068	SOLP-10
K5FK	40,950	SOLP-10
WE6EZ	38,130	SOLP-10
WØIZ	30,744	SOLP-10
NØSTP	585	SOQRP-10
W5PR	371,280	SOUHP-10
VE5MX	214,605	SOUHP-10
KBØEO	180,495	SOUHP-10
NØKQ	1,344	SOUHP-10
KK7L	27	SOUHP-10
KG5OA	11,322	SOULP-10
WBØWIV	3,366	SOULP-10
N5YA	1,273,320	MSHP
KC1EO	639,996	MSHP
VE4WSC	85,410	MSLP
NU5DE	64,872	MSLP
W3XO	42,000	MSLP
KE5GL	570,711	M2
WØAA	2,172,690	MM
<b>Central Region</b>		
<i>(Central and Great Lakes Divisions; Ontario East, Ontario North, Ontario South, and Golden Horseshoe Sections)</i>		
W9RE	3,799,872	SOHP
CF3A (VE3AT, op)	3,416,976	SOHP
NA8V	1,996,176	SOHP
K8GL	1,823,766	SOHP
KD9MS	822,030	SOHP

K8ZM	662,475	SOLP
VE3LRL	483,309	SOLP
N8VQG	270,270	SOLP
VA3OKG	243,756	SOLP
K9XR	202,449	SOLP
VE3VN	719,901	SOQRP
KA8SMA	106,128	SOQRP
VE3CW	18,915	SOQRP
AB8DF	9,372	SOQRP
WA3C	2,218,605	SOUHP
K9NW	2,084,940	SOUHP
N8CWU	1,530,714	SOUHP
N2BJ	1,197,972	SOUHP
N8BI	1,002,912	SOUHP
WE9R	1,618,461	SOULP
ND4Y	841,464	SOULP
K8LY	599,949	SOULP
VE3RGO	380,376	SOULP
K9PW	360,192	SOULP
K8ZT	58,110	SOUQRP
KD9NYE	35,604	SOUQRP
KM8Q (KM8AM, op)	18,252	SOUHP-80
KG9Z	300	SOHP-40
W9ADN	72	SOLP-40
N9LR	17,820	SOUHP-40
W8GOC	18,315	SOHP-20
KK9V	5,733	SOUHP-20
VA3AR	223,008	SOHP-15
NU8A	46,200	SOLP-15
KC8ZMN	33,408	SOLP-15
VE3FH	31,872	SOLP-15

W9QL	29,574	SOLP-15
KV8P	2,925	SOLP-15
WT9U	148,320	SOUHP-15
WD8S	69,498	SOUHP-15
VE3BFU	21,450	SOULP-15
K9BGL	472,191	SOHP-10
VE3DZ	165,000	SOHP-10
KW9A	16,368	SOHP-10
K8BZ	4,116	SOHP-10
WA9LJK	432	SOHP-10
W9ILY	70,560	SOLP-10
N8AP	62,712	SOLP-10
VE3TM	51,759	SOLP-10
KA8JBK	28,899	SOLP-10
N9HQ	17,784	SOLP-10
VE3NZ	34,713	SOQRP-10
K9JK	6,039	SOQRP-10
W8IQ	624	SOQRP-10
W9XY	386,400	SOUHP-10
W8CZN	227,772	SOUHP-10
W9PA	189,981	SOUHP-10
W8MJ	142,884	SOUHP-10
KE8RCI	14,760	SOUHP-10
W9XT	177,309	SOULP-10
VA3IPG	107,448	SOULP-10
W9MR	106,560	SOULP-10
WB8JUI	51,516	SOULP-10
N9VPV	44,019	SOULP-10
K8AZ	4,600,800	MSHP
VE3GYL	793,500	MSHP
W8AJT	32,760	MSHP
N4SS	2,704,083	MSLP
N8YXR	121,401	MSLP
K8LX	2,505,840	M2

WC8VOA	606,192	M2
W8BI	600,936	M2
K9IU	79,488	M2
W8DGN	3,069	M2
<b>Southeast Region</b>		
<i>(Delta, Roanoke, and Southeastern Divisions)</i>		
K4AB	3,719,790	SOHP
WS7X	1,042,578	SOHP
K3ZJ	681,030	SOHP
K4CGY	586,587	SOHP
KA8Q	415,725	SOHP
N8II	1,112,046	SOLP
K5FUV	706,440	SOLP
W6DVS	610,974	SOLP
WA3LXD	610,488	SOLP
KF8N	582,912	SOLP
AC2N	42,117	SOQRP
WB4GHZ	18,894	SOQRP
K4WY	4,650	SOQRP
W4MFT	720	SOQRP
KO4VVX	60	SOQRP
N4RV	3,498,957	SOUHP
NU4E	2,610,372	SOUHP
W4RM	2,238,708	SOUHP
KX2T	2,188,845	SOUHP
K3DNE	2,175,081	SOUHP
N4XL	1,275,000	SOULP
WD4FMG	484,758	SOULP
KT3T	428,952	SOULP
WA4IPU	344,520	SOULP
K4MI	331,272	SOULP
KS4X	11,322	SOUQRP
N4XD	1,596	SOHP-160
WG8Y	1,380	SOHP-80
K7LU	3,483	SOULP-80

W4AAA	210,087	SOHP-40
KW4SW	25,134	SOLP-40
KT4R	9,450	SOLP-40
KW4GF	60	SOLP-40
AE4JB	60	SOQRP-40
W6KW	9,126	SOUHP-40
KB4KBS	7,182	SOUHP-40
AF4T	75	SOUHP-40
WN4AFP	1,932	SOULP-40
N4RGJ	1,980	SOHP-20
NC8N	867	SOLP-20
KO4CVU	126	SOLP-20
K4CUZ	300	SOQRP-20
AC5O	168	SOQRP-20
WA4JUK	59,280	SOUHP-20
KQ4AHO	5,775	SOULP-20
N4DJ	29,445	SOHP-15
K2PS	4,293	SOHP-15
K5RM	14,280	SOUHP-15
N4OX	594,945	SOHP-10
K1TO	360,483	SOHP-10
KØEJ	307,242	SOHP-10
K3SV	116,130	SOHP-10
W4SLT	80,640	SOHP-10
N2YO	77,922	SOLP-10
N5BLY	47,880	SOLP-10
KO4DN	14,535	SOLP-10
KY2P	6,384	SOLP-10
W4AJJ	3,402	SOLP-10

W5GAI	42,600	SOQRP-10
K3TW	25,584	SOQRP-10
W4SEZ	1,596	SOQRP-10
N8OO	712,800	SOUHP-10
AD4EB	385,443	SOUHP-10
NE8P	274,122	SOUHP-10
K4WI	269,505	SOUHP-10
WJ2D	194,310	SOUHP-10
WA3RHW	50,853	SOULP-10
N4NM	45,990	SOULP-10
K3GWK	34,068	SOULP-10
W1ZZ	33,750	SOULP-10
K2ZR	12,771	SOULP-10
WW4LL	3,412,260	MSHP
K3QH	836,100	MSHP
KT4XA	460,530	MSHP
K4LOJ	346,104	MSHP
W5GAD	126,540	MSHP
N5YT	1,121,418	MSLP
WA1F	915,684	MSLP
KM4WPR	55,620	MSLP
KY4ID	546	MSLP
W4NF	4,212,657	M2
<b>Northeast Region</b>		
<i>(New England, Hudson, and Atlantic Divisions; Prince Edward Island, New Brunswick, Nova Scotia, and Quebec Sections)</i>		
K1LZ (LU9ESD, op)	5,718,681	SOHP
KQ2M	3,750,930	SOHP
VY2TT (K6LA, op)	3,229,032	SOHP
W1JQ	1,553,328	SOHP
K3UL	1,302,714	SOHP
N1UR	2,879,982	SOLP
KD2TT	647,664	SOLP
K3SU	473,340	SOLP
WA2QAU	466,320	SOLP
VE2HIT	332,775	SOLP

W3EK	81,096	SOQRP
K4SAA	53,865	SOQRP
NF2L	45,105	SOQRP
WA2JNF	33,972	SOQRP
W7LG	20,370	SOQRP
AA3B	4,651,200	SOUHP
K5ZD	4,500,012	SOUHP
N3RD	4,250,640	SOUHP
K3WW	4,221,648	SOUHP
N2SR	4,179,420	SOUHP
KK1L	1,280,430	SOULP
W3KB	1,028,748	SOULP
K1BX	1,000,350	SOULP
WO1N	950,544	SOULP
NS3T	919,884	SOULP
K2YG	18,954	SOUQRP
K1ZM	5,439	SOHP-160
N3AAA	672	SOULP-160
W3BGN	36,936	SOHP-80
W1HI	11,931	SOHP-80
NN1DX	27	SOQRP-80
W3NO	18,792	SOUHP-80
W1FQ	5,346	SOUHP-80
VE9ML	6,222	SOULP-80
W2NTN	4,116	SOUQRP-80
WF2W	77,937	SOHP-40
KC1ADT	3	SOLP-40
K1IM	8,733	SOULP-40
W1AVK	165,534	SOHP-20

K2ACX	5,220	SOHP-20
WX2N	31,563	SOLP-20
K3HW	31,062	SOLP-20
W3EH	2,829	SOLP-20
KC2SPZ	2,592	SOLP-20
KB1EHE	2,280	SOLP-20
WB2NVR	2,772	SOUHP-20
N1KJS	10,998	SOULP-20
W3RFX	3,948	SOULP-20
KU2M	515,025	SOHP-15
K2SSS	497,610	SOHP-15
WW3HAM	3,276	SOHP-15
K2MS	34,776	SOLP-15
N8URE	9,828	SOLP-15
KO8SCA	4,200	SOLP-15
K1JB	309,645	SOUHP-15
VO1KVT	290,766	SOUHP-15
K1SM	18,471	SOUHP-15
W1QK	149,178	SOULP-15
N2EPE	23,790	SOULP-15
N1API	1,092	SOULP-15
N1PGA	471,870	SOHP-10
W1UE	425,184	SOHP-10
NS2N	66,120	SOHP-10
N3MWQ	57,687	SOHP-10
K3ISH	55,722	SOHP-10
N1WRK	111,720	SOLP-10
K3SWZ	64,800	SOLP-10
VY2LI	49,776	SOLP-10
W3DF	39,444	SOLP-10
N3OJU	16,560	SOLP-10
WB2AMU	21,336	SOQRP-10
W3TS	162	SOQRP-10

VA2WA	512,820	SOUHP-10
KN2M	317,469	SOUHP-10
W3MLJ	190,332	SOUHP-10
N1MM	170,775	SOUHP-10
KZ2I	169,632	SOUHP-10
K1EP	258,324	SOULP-10
N2BEG	26,880	SOULP-10
KG1V	25,560	SOULP-10
KW1X	12,408	SOULP-10
K3JDF	12,285	SOULP-10
KQ2RP	3,042	SOUQRP-10
K9RS	4,948,053	MSHP
K3ND	3,219,741	MSHP
W1TJL	3,177,930	MSHP
KQ3F	2,833,380	MSHP
W3MF	2,325,168	MSHP

W3ZGD	925,296	MSLP
N1EP	428,736	MSLP
W1JSR	378,927	MSLP
W3PGA	67,266	MSLP
NJ1F	32,760	MSLP
W3LPL	10,032,000	M2
K2AX	5,552,580	M2
N2AA	4,877,700	M2
WG3J	3,011,058	M2
W2CG	1,447,992	M2
K3LR	12,810,600	MM
K1TTT	6,491,160	MM
AA1K	5,073,588	MM
W2AA	4,286,268	MM
NE3F	3,532,032	MM