



ARRL International DX Contest SSB

2021 Full Results

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

Dedicated SSB contesters push through tough conditions worldwide doing their best to make this running of IDXC SSB fun!

There was one question on everyone's mind when that last QSO was in the log and the fan on the finals was winding down: Who flipped the propagation switch to off?

As we all entered the 2021 running of the ARRL DX contest, we were a full year into the pandemic. Many multi-op efforts remained quiet, fired up as single operator or activated socially distant remote operations. But as we learned, Mother Nature had her own ideas.

Conditions

The sun, attempting to sputter out of its solar minimum, really made conditions for this contest tough, particularly on the east coast that is reliant on its stream of European callers for multiplier and log volume. Some mentioned the worst conditions since the late 1960's. On the west coast, the lack of EU propagation had less of an effect, and with openings to Japan and other Asian locations, heavy log volume skewed from the east to the west, making some significant changes to the usual log breakdowns.

Multioperator Results

Multi-op contesting has really taken a hit during the pandemic. Remote operations, hybrid operations mixing remote with in-person, and pure remote became the new normal over the last year. Many larger superstations chose to sit this one out or activate as single op efforts.

One station that refused to let the pandemic keep it silent was that of Dave, K1TTT, whose team kept their big signal on the air with a partial remote, partial onsite hybrid model and 11 operators. It was not immune from the conditions even with an amazing station and was down about a million points from the previous year, but still a bit better than the deep solar minimum effort in 2019.

Full results and line scores for all ARRL contests are available at contests.arrl.org

On the M/M DX side, PJ2T – always a beacon for stations here in the US, reported “atrocious” conditions even from its Caribbean antenna farm. Driven by the same group that last operated the superstation as the pandemic was just beginning, the group came back to reactivate it after a solid year of downtime. Despite the conditions presented they did a fine job of turning in the best score possible, and for this running quite impressive. Chile's 3G2K, helmed by Mattias, CE2LR, reported a nice competitive score from Chile. Still, the makeup of DX stations reporting in this year was quite different than usual.

The Multioperator, Two Transmitter High Power category had some roster changes this year. Frank, W3LPL, downsizing from M/M into the M/2 category due to the pandemic, enjoyed the challenges posed by the M/2 Category as something new. Eight operators split day and night evenly, and a good attitude helped them put up four million points and a solid showing. In Arizona, Tim, N6WIN, operated a team at his new south west superstation ND7K, which is becoming a beacon in its own right in contests lately. The team did great with more than two million points.



The ND7K M/2 operating position during the contest. [N6WIN, photo]

In the popular Multioperator, Single Transmitter High Power category, WW4LL also chimed in reporting challenging conditions, went in with a team of seven operators and did their best but fell short of the two-million-point level.

Multioperator, Single Transmitter is a place many multi-op enthusiasts start their journey. I encourage many newer contesters, or a team of new and veteran contesters to give the category a shot. This year was a tough one though. With low power and limited propagation, K1XM (with KQ1F) gave it their best shot, but also stated that the only thing that was better in this contest, compared with the CW weekend, was not having to shovel snow. They clocked in with about a half million points. Not too shabby, considering.

Congratulations are in order for all the great Multi-op efforts submitted. Team competition is such an important aspect of radiosport, and it's great to see ongoing good ham spirit and ingenuity, keeping the multi-op torch going regardless of the challenges of both the pandemic and challenging propagation.



Noel, F6BGC, operating at multioperator station F8CKF during ARRL DX phone. [F6BGC, photo]

W/VE Multioperator Top Ten Scores	
Multioperator, Single Transmitter, High Power	
WW4LL	1,707,918
K1IR	1,628,700
N1MM	1,206,804
K3JO	1,182,330
K3ND	1,106,640
KA1ZD	1,019,640
W8PR	871,560
AD3C	608,076
N7DX	561,510
K9YY	470,307
Multioperator, Single Transmitter, Low Power	
K1XM	528,984
N8YXR	154,836
NA5NN	89,856
W1JSR	28,032

WA8Q	3,948
KC8PKY	3,813
W8CUL	1,500
AFØS	27
Multioperator, Two Transmitter	
W3LPL	3,821,625
ND7K	2,185,620
K1RX	1,936,752
K2AX	1,686,180
K2NJ	1,050,990
W2MKM	796,824
NX6T	678,720
K2DM	627,165
K3CCR	603,705
WA3EKL	560,070
Multioperator, Multitransmitter	
K1TTT	2,562,840
NE3F	827,658
N1SOH	223,665
VY2IDX	21,780
K5LRW	17,112

DX Multioperator Top Ten Scores	
Multioperator, Single Transmitter, High Power	
J68HZ	6,597,360
ZF1A	5,982,912
HP3SS	2,363,844
TI1K	2,230,524
IR6T	1,913,760
4A7S	1,843,140
CQ8M	1,431,888
OK5Z	1,216,194
LZ5R	1,169,430
LZ9W	1,116,720
Multioperator, Single Transmitter, Low Power	
FY5KE	2,449,755
V31MA	1,922,544
ZW8T	1,890,720
LV4V	358,620
PY2KGB	32,637
3Z1K	30,645

F6KRR	21,888
PY2ERA	8,874
JK2VOC	7,098
DX4EVM	2,295
Multioperator, Two Transmitter	
HI3LT	3,722,103
ED7R	2,233,680
II9P	1,984,044
F8KGM	1,178,253
JR8VSE	379,554
Multioperator, Multitransmitter	
PJ2T	6,687,756
3G2K	2,607,579
LN8W	283,200
EA2BI	176,880
CS5LX	4,200

Single Operator Results

High power

The W/VE single operator high power categories were dominated by stations in Canada this year. VY2ZM bested XL3A (VE3AT) to take the Single Operator High Power trophy. Jeff, K1ZM (the ZM of VY2ZM), said once again tough conditions made it hard to stick this one out, but doing so paid off. In the Unlimited High Power category, John, VE3EJ was able to pull ahead of K1KI (+ KM1P) to win the category. On the DX side, ZF5T on Cayman Brac was able to secure a win and prove pre-recorded letter SSB auto keyers can play, over second place FM5BH in Martinique.

W/VE Single Operator, High Power Top Ten Scores	
Single Operator, High Power	
VY2ZM	2,565,009
XL3A (VE3AT, op)	1,883,007
N1UR	1,829,520
VE3DZ	1,341,153
K4AB	1,182,255
K3ZO	1,101,915
AA1ON	836,703
K2XA	806,664
NA8V	770,904

K8GL	576,090
Single Operator Unlimited, High Power	
VE3EJ	2,276,136
K1KI (KM1P, op)	2,046,966
K5ZD	2,041,200
AA3B	1,890,945
AA1K	1,817,712
K3WW	1,802,112
N3RS	1,714,560
N3RD	1,683,144
N2NT	1,480,920
N2SR	1,281,336

DX Single Operator, High Power Top Ten Scores	
Single Operator, High Power	
ZF5T	4,660,425
FM5BH	4,334,766
KP2M (KT3Y, op)	1,985,160
EB5A	1,567,824
CE7VPQ	862,050
OA4SS	848,484
EA5DFV	840,960
IKØETA	768,552
CE6CGX	712,965
KL7RA (KL7SB, op)	606,936
Single Operator Unlimited, High Power	
ZW5B (LU9ESD, op)	4,005,810
KH7M (NA2U, op)	3,111,900
ED8W (EA1BP, op)	2,724,288
FS4WBS	1,207,908
OM2VL	1,177,512
ZM4T (ZL3IO, op)	988,524
PY2MP	638,580
SN7D (SQ7D, op)	580,488
PY5QW	532,377
LO7H	517,752

Low Power

Peter, KU2M, was able to take a solid lead over Terry, N4TZ, for victory in the SOLP category. Peter managed a good 40m run toward the end of the contest Sunday to help pad the log after struggling with conditions on the upper bands. Again, persistence paid off and put him on

top. In the Unlimited category, Kevan, N4XL, also pointed to an improvement on the low band conditions on Sunday and experimented with the band scope in his logger to help him hunt down stations to work. It was a low power shootout in Puerto Rico with the top 2 entrants both on the island. Well known contesteer Angel, WP3R stayed comfortably ahead of NP4DX (N2TTA, op) who was driving the station WP3C. Both were great efforts.



Chris Whalen, KEØQGJ, participated in 2021 ARRL DX Phone as his first contest. Chris operated portable “camping-style” in a local park for the contest. [KEØQGJ, photo]

W/VE Single Operator, Low Power Top Ten Scores	
Single Operator, Low Power	
KU2M	543,600
N4TZ	338,022
N8II	230,598
ACØW	181,200
K5FUV	166,848
N8GLS	159,510
N1DD	148,992
W6DVS	145,545
AC4G	144,978
AK6A	140,049
Single Operator Unlimited, Low Power	
N4XL	373,317
N8CWU	340,938
K9OM	306,000
WE9R	303,600
VE3PJ	294,150
N2SQW	270,414
NM1C	265,527
W3KB	255,420
VA2CZ	253,935
NY6DX	148,836

DX Single Operator, Low Power Top Ten Scores	
Single Operator, Low Power	
WP3R	4,119,165
NP4DX (N2TTA, op)	2,782,593
HI3T	2,668,464
HH2AA (KØBBC, op)	1,680,948
KH6CJJ	1,253,616
PJ7AA	1,176,057
TG9ANF	684,945
PY2EX	627,510
8P1W	561,330
PZ5RA	359,499
Single Operator Unlimited, Low Power	
TM6M (F4DXW, op)	722,796
PT7ZT	499,464
9Z4Y	490,455
XE2B	339,150
PY8WW	330,444
NP2KW	292,890
YY5RAB	252,945
PY2ZR	187,557
PY5FO	172,800
LW4EF	172,584

QRP

Taking a run in this contest QRP is always a challenge, and when you lump in some less- than-stellar conditions, it becomes a serious chore, but quite a few take the challenge, with Chris, W1MR, taking top honors over Bill, W8QZA, operating as W6QU for second place. In the unlimited QRP category, Anthony, K8ZT, was able to stay on top above Stefano, N9SM. Europe emerged victorious from across the pond on the QRP DX side with Gerard, F5BEG, clearing second place Eduardo, LW3DG, and Kazuo, JH1OGC, in third.

W/VE Single Operator, QRP Top Ten Scores	
Single Operator, QRP	
W1MR	34,452
W6QU (W8QZA, op)	23,622
NDØC	23,316
N4WLL	15,660
N3CI	7,257
WB4GHZ	3,960

KZ3I	3,276
N8XA	1,224
KEØWPA	1,104
KG4WOJ	1,083
Single Operator Unlimited, QRP	
K8ZT	5,439
N9SM	3,348
K2GMY	2,040
VE6EX	1,725
WA4JQS	1,440
W3EK	231
K6CTA	12

DX Single Operator, QRP Top Ten Scores	
Single Operator, QRP	
F5BEG	17,982
LW3DG	12,831
JH1OGC	11,232
PY2BN	10,200
JH7UJU	9,120
JH1APZ	3,078
JQ1NGT	2,961
JR1NKN	897
OK1DMP	792
IW2NRI	627
Single Operator Unlimited, QRP	
EA3O	12,384
CT1BXT	8,712
IZ2FLX	8,448
F8AOF	5,934
JK1TCV	4,221
YU1LM	561
YE8RAF	90
YC2VOC	45
PE2K	27
GWØEGH	18

Single Operator, Single-band category Results

These categories are a great option for folks limited on time, or who want to experience a single band from open to close. There can be some tight races in these categories as well, and your author was involved with one of those, let's take a look:

160 Meters

Rick, K5UR, (who may be better known as ARRL President K5UR) chose top band to jump into the fray. It worked well for him as he was able to win the category. Ron, N4XD, took second place honors. It's always great to see the leadership join in on the contest fun. Carlo, I5JVA, took top band DX honors in the clear with well-known Dxpeditioner/contester Laci, HAØNAR, taking second.

Single Operator, 160 Meters, W/VE	
K5UR	3,306
N4XD	2,574
VE3PN	2,160
W2VO	2,160
W8WTS	216
K7SS	126
WB4WXE	126
N6RK	48
WC4Y	18
Single Operator, 160 Meters, DX	
I5JVA	26,862
HAØNAR	10,248
SN7Q (SP7GIQ, op)	2,832
RM4F	966
JAØQNJ	60



The 160-Meter 4 square antenna system of Nikolay, RM4F secured him a top-ten finish. [RM4F, photo]

80 Meters

W1HI dominated this single band effort with over triple the score of second-place Ken, VA3SK. There was a bit of tight race for the trophy on the DX side. Jorge, XE2X, secured the top score, with NP2J (Dan, K8RF, op.) right on his coat tail.

Single Operator, 80 Meters, W/VE	
W1HI	17,748
VA3SK	5,088
NY1E	1,860
VE9ML	1,620
WB4DNL	1,020
K4ESE	672
AF8C	363
NGØC	144
K4HPS	75
WZ6ZZ	36
Single Operator, 80 Meters, DX	
XE2X	230,898
NP2J (K8RF, op)	213,993
KP4KE	188,859
GM3PPG (G4BYB, op)	101,904
9A8M	76,506
EA7JZ	72,369
I4AVG	59,400
F6AGM (FM5CD, op)	59,220
S54ZZ	56,760
S53M (S57UN, op)	53,703

40 Meters

Often a competitive category, Phil, K3UA, dominated this band emerging comfortably on top of the new and under construction superstation WV4P by more than 250,000 points. Three continents were represented in the 40m DX shootout. Rui, CR6T, grabbed the trophy from TI1T (Carlos, TI2TT, op.) in central America with D4Z in Cape Verde (Luca, IK2NCJ, op.) in third.

Single Operator, 40 Meters, W/VE	
K3UA (@K3LR)	291,000
WV4P	41,400
NR4L	25,254
N4IJ	13,350
K9CJ	8,694

KK4AND	8,280
WA3FAE	7,137
WA8RCN	5,940
AA8BV	5,202
K3HW	4,464
Single Operator, 40 Meters, DX	
CR6T	396,303
TI1T (TI2CC, op)	325,728
D4Z (IK2NCJ, op)	306,387
S51YI	224,070
YU1EXY (YU1FW, op)	181,278
EA8ZS	166,485
OM3KAP (OM4AZF, op)	134,826
HA3NU	129,900
YU7U	108,888
PI4COM (PD9DX, op)	97,524

20 Meters

There was another command performance with an unusual entry from the K3LR superstation with John, N2NC, at the helm. Traditionally a multi-op power house, Tim kept things pandemic safe, and John used those great antennas as a great opportunity to produce a dominating score that was twice that of second place KVØQ. Across the Atlantic another tight race as Contest powerhouse station 9A9A was able to best another Mainstay station IR4K with Giuseppe, IZ4JUK, operating. Goran, S55OO, was not far behind. Great single band competition guys!

Single Operator, 20 Meters, W/VE	
K3LR (N2NC, op)	621,528
KVØQ	293,280
K9BGL	218,430
W2AW (N2GM, op)	120,786
W1AVK	86,625
WX5S	79,872
N7TU	58,500
W8WA	56,160
KØBBB	55,650
NØOK	53,040
Single Operator, 20 Meters, DX	
9A9A	393,825
IR4K (IZ4JUK, op)	358,602

S5500	348,159
IO5O (IK5RLP, op)	324,264
S5ØK	308,865
OK7K (OK1BN, op)	279,129
DMØA	251,163
PY2NY	246,384
OM4MM	245,322
I12S (IU2IBU, op)	230,724

N7RQ	14,319
W2FU	11,865
W7ZR	10,080
W8HAP	8,874
N2BEG	5,928
NCØB	5,175

Single Operator, 15 Meters, DX

PT5J (PP5JR, op)	530,115
ZP5DBC	435,774
PR4T (PY4BZ, op)	410,940
KP4AA	388,962
PX2A (PY2LED, op)	382,104
LU5FC	353,115
PJ4DX	275,865
XQ1KZ	213,528
HC1JQ	164,256
PP5JN	161,082



N2NC at the helm of the K3LR superstation. [K3LR Photo]

15 Meters

William, K1MM, bested Chris, N6WM, (article author for full disclosure) who was driving the N6RO 15m triple stack. Chris's effort fell in the log check to hand K1MM the 15m category win from Florida. It's somewhat unusual for a West Coast station to be in the top trophy running, but poor conditions to Europe with good conditions out west to JA produced a tight race and a photo finish. South America was the place to be on the DX side, PT5J was ever present and managed the top score besting another great effort by Daniel, ZP5DBC.

Single Operator, 15 Meters, W/VE	
K1MM	48,321
N6WM	47,730
KØEJ	18,081
N4OX	16,482

10 Meters

There were only a couple of entrants in North America on this band, Charles, W5PR, stuck it out with Courtney, K4WI, in second. There was, not unexpectedly, more activity in South America on the band, but even the mainstays had reduced scores. 2 stations in Argentina rose to the top of the pack LU8DPM (Alex, LU5WW, op.) powered through to the top over second place German, LU1DK.

Single Operator, 10 Meters, W/VE	
W5PR	5,355
K4WI	2,016
KN6EVH	12

Single Operator, 10 Meters, DX

LU8DPM (LU5WW, op)	69,987
LU1DK	45,372
PU5FJR	39,429
XQ3PC	28,836
LU9FHF	19,584
PY2TMV	15,921
PY4AZ	12,267
PY2CX	10,854
YV4ABR	5,874
ZX2V (PY2XV, op)	4,752

Affiliated Club Competition

Unlimited:

In the Unlimited Club Competition, the volume of logs submitted is often a key indicator of the potential winner. Likewise, Frankford Radio Club takes the Unlimited Club gavel with 257 logs submitted. Yankee Clipper Contest Club did great, and they got the most out of their 207 logs secured a second-place position, besting the Potomac Valley Radio Club despite 232 logs submitted.

Medium:

North Coast Contesters Put their all into their 28 logs and handily beat Hudson Valley Contesters and DXers' 35-log showing. Mad River was on their coat tails sliding into third.

Local:

There were a number of local clubs looking for a win, but CTRI Contest group gave it their all and was the clear winners. Central Virginia contest club picked up second, and the Villages Amateur radio club slid into third.

Club	Score	Entries
Unlimited		
Frankford Radio Club	157,523,307	257
Yankee Clipper Contest Club	106,928,559	207
Potomac Valley Radio Club	97,965,663	232
Contest Club Ontario	29,306,424	73
Florida Contest Group	23,578,464	72
Southern California Contest Club	21,520,677	61
Arizona Outlaws Contest Club	20,859,123	52
Society of Midwest Contesters	19,731,921	122
Tennessee Contest Group	13,983,621	52
Northern California Contest Club	12,743,277	80
Minnesota Wireless Assn	12,458,031	119
Medium		
North Coast Contesters	12,835,713	28
Hudson Valley Contesters and DXers	7,576,206	35
Mad River Radio Club	7,195,443	25
Kentucky Contest Group	6,351,633	27
Carolina DX Association	6,100,677	26
Willamette Valley DX Club	5,455,647	30
Order of Boiled Owls of New York	5,272,374	10
Western Washington DX Club	4,682,619	38
South East Contest Club	4,378,947	24

Texas DX Society	3,870,234	16
Alabama Contest Group	3,548,058	12
Northeast Maryland Amateur Radio Contest Society	3,042,966	23
Central Texas DX and Contest Club	2,989,581	22
Niagara Frontier Radiosport	2,955,909	22
Big Sky Contesters	2,863,476	10
DFW Contest Group	2,821,077	32
Maui ARC	2,817,600	5
Maritime Contest Club	2,814,453	6
Swamp Fox Contest Group	2,441,079	23
Bay Area DXers	2,269,581	11
Arkansas DX Assn	1,986,717	13
Georgia Contest Group	1,897,488	7
Grand Mesa Contesters of Colorado	1,815,090	27
Mother Lode DX/Contest Club	1,751,265	20
Northeast Wisconsin DX Assn	1,750,893	8
Kansas City Contest Club	1,570,995	15
Orca DX and Contest Club	1,481,913	25
North Texas Contest Club	1,189,581	5
North Carolina DX and Contest Club	754,281	3
Rochester (NY) DX Assn.	616,119	14
599 DX Association	592,221	7
Spokane DX Association	546,048	12
Portage County Amateur Radio Service	505,224	7
Skyview Radio Society	495,417	3
Great Places Contest Club	405,240	3
Pacific Northwest VHF Society	352,692	3
Mississippi Valley DX/Contest Club	330,672	8
Saskatchewan Contest Club	329,844	8
Not Quite Workable Contest Club	320,031	3
Louisiana Contest Club	301,416	6
Providence Radio Assn	273,402	5
South Jersey Radio Assn	217,140	4
New Providence ARC	197,811	5
Driftless Zone Contesters	171,816	3
Fourlanders Contest Team	124,836	3
Granite State ARA	98,034	3
Alberta Clippers	73,149	3
Silver Comet Amateur Radio Society	60,504	4
Sierra Nevada ARS	48,204	3
Long Island Mobile ARC	35,685	5
Oklahoma City Autopatch Assn.	20,901	3
Edmonds Woodway ARC	684	4

Local		
CTRI Contest Group	6,319,527	7
Central Virginia Contest Club	2,310,288	8
The Villages Amateur Radio Club	1,585,797	8
Metro DX Club	548,364	7
Bristol (TN) ARC	448,290	4
Bolingbrook ARS	351,717	7
Meriden ARC	182,070	5
Vienna Wireless Society	156,885	3
Redwood Empire DX Assn	153,783	3
Bellbrook ARC	117,654	3
West Park Radiops	74,379	6
Lake Area Amateur Radio Klub	59,253	3
Hilltop Transmitting Assn	44,964	3
St Louis ARC	40,182	3
OH-KY-IN ARS	19,143	4
TX Emergency Amateur Communicators	9,519	3
Hazel Park ARC	9,201	4

In Summary

Based on the large amount of feedback on soapbox comments and rumor sites, band conditions combined with pandemic restrictions made this about as tough as this contest can get. Ham contesting spirit was alive and well however, and some great competition emerged from the challenging conditions. With sunspots on the uptick, we all may be able to look forward to next year's running looking for better conditions and we hope to see you all back on the air next year!

Mark your calendars! The 2022 ARRL International DX Phone Contest is March 5 - 6, 2022!

Continental Winners

Africa

Single Operator, High Power	CT3KN	293,844
Single Operator, Low Power	D44PM	38,940
Single Operator Unlimited, High Power	ED8W (EA1BP, op)	2,724,288
Single Operator Unlimited, Low Power	EA8CQW	4,662
Single Operator, 40 Meters	D4Z (IK2NCJ, op)	306,387
Single Operator, 20 Meters	EA8RM	200,412
Single Operator, 15 Meters	EA8AH	64,812

Asia

Single Operator, High Power	JF2QNM	209,520
Single Operator, Low Power	JH1EAQ	104,370
Single Operator, QRP	JH1OGC	11,232
Single Operator Unlimited, High Power	JA8COE	125,874
Single Operator Unlimited, Low Power	JA6GCE	25,806
Single Operator Unlimited, QRP	JK1TCV	4,221
Single Operator, 160 Meters	JAØQNJ	60
Single Operator, 80 Meters	JH7XMO	8,004
Single Operator, 40 Meters	JG2CNZ	1,224
Single Operator, 20 Meters	JA7QVI	107,400
Single Operator, 15 Meters	JJ1LBJ	525
Multioperator, Single Transmitter, High Power	JH4UYB	674,352
Multioperator, Single Transmitter, Low Power	JK2VOC	7,098
Multioperator, Two Transmitter	JR8VSE	379,554

Europe

Single Operator, High Power	EB5A	1,567,824
Single Operator, Low Power	IW1FRU	294,300
Single Operator, QRP	F5BEG	17,982
Single Operator Unlimited, High Power	OM2VL	1,177,512
Single Operator Unlimited, Low Power	TM6M (F4DXW, op)	722,796
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Single Operator, 160 Meters	I5JVA	26,862
Single Operator, 80 Meters	GM3PPG (G4BYB, op)	101,904
Single Operator, 40 Meters	CR6T	396,303
Single Operator, 20 Meters	9A9A	393,825
Single Operator, 15 Meters	IR4X	378
Multioperator, Single Transmitter, High Power	IR6T	1,913,760
Multioperator, Single Transmitter, Low Power	3Z1K	30,645
Multioperator, Two Transmitter	ED7R	2,233,680
Multioperator, Multitransmitter	LN8W	283,200

North America

Single Operator, High Power	ZF5T	4,660,425
Single Operator, Low Power	WP3R	4,119,165
Single Operator Unlimited, High Power	FS4WBS	1,207,908
Single Operator Unlimited, Low Power	XE2B	339,150
Single Operator, 80 Meters	XE2X	230,898
Single Operator, 40 Meters	TI1T (TI2CC, op)	325,728
Single Operator, 20 Meters	WP4WW (KP4JRS, op)	210,984
Single Operator, 15 Meters	KP4AA	388,962
Multioperator, Single Transmitter, High Power	J68HZ	6,597,360
Multioperator, Single Transmitter, Low Power	V31MA	1,922,544
Multioperator, Two Transmitter	HI3LT	3,722,103

Oceania

Single Operator, High Power	WH6FAM	266,442
Single Operator, Low Power	KH6CJJ	1,253,616
Single Operator, QRP	YB1HBO	45
Single Operator Unlimited, High Power	KH7M (NA2U, op)	3,111,900
Single Operator Unlimited, Low Power	KH6ML	6,072
Single Operator Unlimited, QRP	YE8RAF	90
Single Operator, 80 Meters	KH6QJ	504
Single Operator, 40 Meters	YD9WTS	9,828
Single Operator, 20 Meters	4D3X	17,160
Single Operator, 15 Meters	YC9WH	24
Multioperator, Single Transmitter, High Power	VK3GK	152,208
Multioperator, Single Transmitter, Low Power	DX4EVM	2,295

South America

Single Operator, High Power	CE7VPQ	862,050
Single Operator, Low Power	PY2EX	627,510
Single Operator, QRP	LW3DG	12,831
Single Operator Unlimited, High Power	ZW5B (LU9ESD, op)	4,005,810
Single Operator Unlimited, Low Power	PT7ZT	499,464
Single Operator, 80 Meters	PY5AB	75
Single Operator, 40 Meters	CA4PSH	32,292
Single Operator, 20 Meters	PY2NY	246,384
Single Operator, 15 Meters	PT5J (PP5JR, op)	530,115
Single Operator, 10 Meters	LU8DPM (LU5WW, op)	69,987
Multioperator, Single Transmitter, Low Power	FY5KE	2,449,755
Multioperator, Multitransmitter	PJ2T	6,687,756

W/VE Regional Leaders

West Coast Region

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

N9RV	562,464	SOHP
N6AA	230,643	SOHP
W7XQ	200,646	SOHP
W7WA	200,376	SOHP
AA6AA	189,756	SOHP
AK6A	140,049	SOLP
WN6K	75,240	SOLP
VE6TN	69,750	SOLP
WA7BNM	65,184	SOLP
W1DGL	58,212	SOLP
W6QU (W8QZA, op)	23,622	SOQRP
N6HI	351	SOQRP
N7JI	288	SOQRP
W6YX (N7MH, op)	894,852	SOUHP
W6YI	796,110	SOUHP
K2RD	776,385	SOUHP
KA6BIM	684,420	SOUHP
W6PH	525,732	SOUHP
NJ6G	111,375	SOULP
N7IR	104,130	SOULP
WZ8T	80,910	SOULP
W6DT	40,716	SOULP
NA6MB	27,264	SOULP
K2GMY	2,040	SOUQRP
VE6EX	1,725	SOUQRP
K6CTA	12	SOUQRP
K7SS	126	SO-160
N6RK	48	SO-160
WZ6ZZ	36	SO-80
W6RKC	3,450	SO-40
N7RK	2,430	SO-40
K6FA	1,122	SO-40
N7GP	1,122	SO-40
KD8KQH	405	SO-40

WX5S	79,872	SO-20
N7TU	58,500	SO-20
VE7FE	46,011	SO-20
KE8FT	42,456	SO-20
K7ACZ	12,408	SO-20
N6WM	47,730	SO-15
N7RQ	14,319	SO-15
W7ZR	10,080	SO-15
N6RM	3,276	SO-15
N6HK	3,102	SO-15
KN6EVH	12	SO-10
N7DX	561,510	MSHP
W7EB	86,328	MSHP
W6WB	8,316	MSHP
VE6AO	2,223	MSHP
ND7K	2,185,620	M2
NX6T	678,720	M2
KT7E	483,840	M2
VA7GI	6,960	M2

Midwest Region

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

KØTT	357,120	SOHP
N5AW	318,060	SOHP
K5RX	279,840	SOHP
AD5XD	205,440	SOHP
NIØG	160,176	SOHP
ACØW	181,200	SOLP
VE5SF	71,712	SOLP
KØDD	67,362	SOLP
KD2KW	47,790	SOLP
KØAIZ	45,567	SOLP
NDØC	23,316	SOQRP
N3CI	7,257	SOQRP
KEØWPA	1,104	SOQRP

K9BGL	218,430	SO-20	N4XL	373,317	SOULP
W8WA	56,160	SO-20	K9OM	306,000	SOULP
W4LC	40,680	SO-20	N2OG	91,800	SOULP
W8PT	32,670	SO-20	KT3T	61,200	SOULP
VE3BFU	25,281	SO-20	WT8WV	58,656	SOULP
WB9HFK	2,520	SO-15	N9SM	3,348	SOUQRP
N8QE	1,632	SO-15			
W8PR	871,560	MSHP	K5UR	3,306	SO-160
K9YY	470,307	MSHP	N4XD	2,574	SO-160
W9VW	429,750	MSHP	WB4WXE	126	SO-160
VE3UZ	170,040	MSHP	WC4Y	18	SO-160
W8AJT	7,332	MSHP	WB4DNL	1,020	SO-80
			K4ESE	672	SO-80
N8YXR	154,836	MSLP	K4HPS	75	SO-80
WA8Q	3,948	MSLP			
KC8PKY	3,813	MSLP	WV4P	41,400	SO-40
			NR4L	25,254	SO-40
WC8VOA	115,884	M2	N4IJ	13,350	SO-40
			KK4AND	8,280	SO-40
			AA4NP	3,780	SO-40

Southeast Region

(Delta, Roanoke and Southeastern Divisions)

K4AB	1,182,255	SOHP	NE8P	38,367	SO-20
KD7RF	283,065	SOHP	N4MM	26,364	SO-20
K4CGY	242,055	SOHP	K4DES	8,541	SO-20
K4XL	208,917	SOHP	KB8VND	7,254	SO-20
N5GF	163,278	SOHP	AC3D	3,654	SO-20
N8II	230,598	SOLP	K1MM	48,321	SO-15
K5FUV	166,848	SOLP	KØEJ	18,081	SO-15
W6DVS	145,545	SOLP	N4OX	16,482	SO-15
AC4G	144,978	SOLP	W4PGM	1,209	SO-15
K4MV	113,364	SOLP	W5XNA	312	SO-15
N4WLL	15,660	SOQRP	K4WI	2,016	SO-10
WB4GHZ	3,960	SOQRP	AD4ES	257,499	MSHP
KG4WOJ	1,083	SOQRP	W4TG	158,544	MSHP
WR4I	126	SOQRP	K3TD	141,252	MSHP
KE4KVC	48	SOQRP	KK4ODQ	15,660	MSHP
N1LN	1,161,558	SOUHP	W5GAD	4,050	MSHP
KU1CW	904,050	SOUHP	NA5NN	89,856	MSLP
W4TTY	841,731	SOUHP	W8CUL	1,500	MSLP
N4RV	715,962	SOUHP	K2DM	627,165	M2
K5EK	704,694	SOUHP			

Northeast Region

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

VY2ZM	2,565,009	SOHP	K3LR (N2NC, op)	621,528	SO-20
N1UR	1,829,520	SOHP	W2AW (N2GM, op)	120,786	SO-20
K3ZO	1,101,915	SOHP	W1AVK	86,625	SO-20
AA1ON	836,703	SOHP	N1DC	28,557	SO-20
K2XA	806,664	SOHP	WB2NFL	18,906	SO-20
KU2M	543,600	SOLP	W2FU	11,865	SO-15
N1DD	148,992	SOLP	W8HAP	8,874	SO-15
N1DID	136,920	SOLP	N2BEG	5,928	SO-15
K1HT	124,722	SOLP	K1MC	576	SO-15
K3SU	120,663	SOLP	VE2NCG	210	SO-15
W1MR	34,452	SOQRP	WB2AMU	210	SO-15
KZ3I	3,276	SOQRP	WW4LL	1,707,918	MSHP
K1KI (KM1P, op)	2,046,966	SOUHP	K1IR	1,628,700	MSHP
K5ZD	2,041,200	SOUHP	N1MM	1,206,804	MSHP
AA3B	1,890,945	SOUHP	K3JO	1,182,330	MSHP
AA1K	1,817,712	SOUHP	K3ND	1,106,640	MSHP
K3WW	1,802,112	SOUHP	K1XM	528,984	MSLP
N2SQW	270,414	SOULP	W1JSR	28,032	MSLP
NM1C	265,527	SOULP	W3LPL	3,821,625	M2
W3KB	255,420	SOULP	K1RX	1,936,752	M2
VA2CZ	253,935	SOULP	K2AX	1,686,180	M2
NY6DX	148,836	SOULP	K2NJ	1,050,990	M2
W3EK	231	SOUQRP	W2MKM	796,824	M2
W2VO	2,160	SO-160	K1TTT	2,562,840	MM
W1HI	17,748	SO-80	NE3F	827,658	MM
NY1E	1,860	SO-80	N1SOH	223,665	MM
VE9ML	1,620	SO-80	VY2IDX	21,780	MM
VE2GT	3	SO-80			
K3UA (@K3LR)	291,000	SO-40			
WA3FAE	7,137	SO-40			
K3HW	4,464	SO-40			
AA1QD	2,760	SO-40			
N1MID	126	SO-40			