

## Thank You for Participating!



The RAC Contest Management Team is pleased to present the RAC Canada Winter Contest 2022 Results in the following pages.

It was certainly nice to see the solar cycle on the upswing, leading to better conditions on 10 and 15 metres for the RAC Canada Winter Contest 2022. Although participation generally remains high, with 954 entries in the 2022 running of the RAC Canada Winter Contest, the total number of entries was down slightly from the previous two years.

Four new records were established this year. Please see inside for all of the details.

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Saskatchewan Contest Club



**Alan Goodacre, VE3HX**



## Thank You Sponsors!

# RAC Canada Winter Contest 2022 Results

## Bart Ritchie, VE5CPU and Sam Ferris, VE5SF

It was certainly nice to see the solar cycle on the upswing, leading to better conditions on 10 and 15 metres for the RAC Canada Winter Contest 2022. Although participation generally remains high, with 954 entries in the 2022 running of the RAC Canada Winter Contest, the total number of entries was down slightly from the previous two years.

Four new records were established this year. First, Yuri Onipko, VE3DZ, established a new 40m Single Op Single Band record with a score of 96,978 surpassing the record renewed by Todd Bendtsen, VE5MX, in 2021. Given the first running of the new Single Operator Assisted Low Power and Single Operator Assisted High Power categories, the first ever records were established for these categories.

A new record for the SOALP category goes to Brian Campbell, VE3MGY with a score of 351,840. Ed Richardson, VE4VT, using the VE4RAC call sign, established the record for SOAHP with a score of 1,046,520. Finally, Maria Polyanska, VE3OMV, achieved the highest qualifying score of 102,102 with a Single Operator All Band Low Power effort and wins the Rookie Plaque.

### Single Op All Bands Low Power

Sam Ferris, VE5SF, achieved first place again this year with a score of 724,090. Barry Middlebrook, VE6TN, captured second place this year by scoring 336,224, up one place from last year. Thomas J. Warren, K3TW, long-time RAC Winter QRP competitor moved into the SOABLP category this year

and captured third place with a score of 241,200. Dennis Gasparotto, VA3WB, claimed fourth place this year with a score of 177,936. Bill Engel, K5DHY, rounded out the top five in 5th place with a score of 140,316.

### Single Op All Bands High Power

Once again Victor Petcherkin, N800, captured first place SOABHP with a score of 1,122,000. Second place went to Mitch Mason, K7RL, with a high power score of 905,964 up two places from last year. Bud Governale, W3LL, placed third with a score of 459,228. Rob Kaufmann, VE4GV, joined the top scorers in fourth place scoring 422,392. Ed Radlo, AJ6V, captured fifth place in the category with a score of 220,424. Victor Petcherkin, N800, captured the Russ Coleston, VK4XA, Memorial for the highest scoring Single Op Foreign Entrant with a score of 1,122,000.

### Single Op – QRP

Bob Hawkins, VE3WG, achieved first place in the SOABQRP category with a score of 121,080, up one place from last year. Bertrand Zauhar, VE2ZAZ, took second place in the 2022 contest with a score of 53,352. Arnold Love, VE3NFN, claimed third place with a score of 29,288. Rick Williams, VE9HF, achieved fourth place with a QRP score of 28,288 ahead of Anthony Buscaglia, K2NV, in fifth scoring 26,988.

### Single Op Single Band

With a score of 140,244 on the 20m band Gary Caldwell, VA7RR, won the overall SOSB category crown this year. Yuri Onipko, VE3DZ, took second overall SOSB place and established a new 40m Single Operator Single Band record with a score of 96,978 with his entry. Third place in the overall SOSB was taken by Arian Stimpson, VE7NZ, with 56,238 points on the 15m band.

On a band-by-band breakdown, Mark Mattila, VA7MM, took top band honours on 160m this year with a Single Band High Power score of 3,080. Ken Keeler, N6RO, claimed the 80m band honours using high power with a score of 26,496. As noted above, Yuri Onipko, VE3DZ,

## RAC Canada Winter Contest Plaque Winners



### Single Operator All Bands Low Power

Sponsored by Contest Club Ontario  
Sam Ferris, VE5SF

1,516 QSOs, 95 Multipliers, 724,090 Points

### Single Operator All Bands High Power

Sponsored by Radioworld  
Victor Petcherkin, N800

1692 QSOs, 110 Multipliers, 1,122,000 Points

### Single Operator All Bands – QRP

Sponsored by Radioworld  
Bob Hawkins, VE3WG

285 QSOs, 60 Multipliers, 121,080 Points

### Single Operator All Band Any Authorized Power – Phone

Sponsored by Saskatchewan Contest Club  
Victor Paul, WB0TEV

825 QSOs, 453 Multipliers, 280,052 Points

### Single Operator All Band Any Authorized Power – CW

Sponsored by Gary Bartlett, VE1RGB, Memorial  
by the Maritime Contest Club

Eric Austin, VE6BBP

1,489 QSOs, 53 Multipliers, 341,108 Points

### Single Operator Assisted Low Power

Sponsored by Radioworld Central  
Brian Campbell, VE3MGY

1,133 QSOs, 60 Multipliers, 351,840 Points

### Single Operator Assisted High Power

Sponsored by Radioworld Central  
Ed Richardson, VE4VT

VE4RAC at VE4VT

1,551 QSOs, 114 Multipliers, 1,046,292 Points

### Single Operator Single Band Any Authorized Power Level

Sponsored by Radioworld  
Gary Caldwell, VA7RR

1,167 QSOs, 26 Multipliers, 20 metre Band, 140,244 Points

### Multi-Operator Single Transmitter Low Power

Tony Allsop, VE3FTA, Memorial

Sponsored by the Mississauga Amateur Radio Club  
VE9RAC at VE9ML

Operators: Marcel Leblanc, VE9ML, Jean-Paul Leblanc, VE9BK,  
Raymond Leblanc, VE9RA and Greg Osmond, VA3GKO

790 QSOs, 91 Multipliers, 469,924 Points

### Multi-Operator Single Transmitter High Power

Sponsored by Alfa Radio

Bryan Bydal, W5MX and Clayton Bond, KJ4YLR, at N4SS

1,057 QSOs, 100 Multipliers, 632,000 Points

### Multi-Operator Multi Transmitter Any Authorized Power Level

Sponsored by Radioworld

Coquitlam Amateur Radio Emergency Services Society  
VE7RAC at VE7SCC

Operators: Al Ross, VE7WJ, Matthew Dodge, VA7ROH,  
Neil King, VA7DX and Keith Witney, VE7KW

2,483 QSOs, 102 Multipliers, 1,194,828 Points

### Top Scoring Single Operator Foreign Entry

Russ Coleston, VK4XA, Memorial

Sponsored by Alan Goodacre, VE3HX  
Victor Petcherkin, N800

1,692 QSOs, 110 Multipliers, 1,122,000 Points

### Top Scoring Rookie

Sponsored by RadioSport Manitoba  
and the Winnipeg Amateur Radio Club

Maria Polyanska, VE3OMV

358 QSOs, 51 Multipliers, 102,202 Points

won first place and established a new record on 40m with a high power entry scoring 96,978. Gary Caldwell, VA7RR, achieved the top honours for 20m band with a score of 140,244.

This year Adrian Stimpson, VE7NZ, won first place in the Single Op Single Band 15m sub-category with a high-power score of 56,238. Alex Klink, VA6WWW, won the 10m band honours with a low power score of 4,608. David Latour, VE4DL, took the 2m sub-category with a single contact and a score of 10 points. In the 2022 contest there were no entrants in the 6m Single Op Single Band sub-category.

### Single Op All Band CW

First place and top honours for the Gary Bartlett, VE1RGB, Memorial Plaque – sponsored by the Maritime Contest Club for the CW only category – went to Eric Austin, VE6BBP, with a score of 341,108, up two places from the 2021 contest. For the third year in a row second place is awarded to Les Brown, VE3NNT, with a score of 273,268.

Third place was taken by Tom Haavisto, VE3CX, with a score of 268,736 and fourth place goes to Stefan Bejusca, VA3AR, with a score of 222,336. Fifth place goes to Krassimir Petkov, K1LZ, with a score of 203,792. The Single Op, All Band CW category entries totalled 204 this year and continues to be a popular category for CW enthusiasts.

### Single Op All Band Phone

Once again top honours in the Single Op, All Band Phone only category goes to Victor Paul, WB0TEV, with a score of 280,052. This year Alexander Sherman, W6AFA, took second place with a score of 196,768. David Gervais, VE6KD, claimed third place this year with a score of 142,560, up one place from last year. Sunday Satiada, VE4SG, took fourth place with a score of 117,540. Fifth place goes to Ken Moak, KM8AM, using call sign KM8Q, with a score of 74,888. There was a total of 158 entries in the SOAB Phone category in 2022.

### Single Op Assisted Low Power

This was the first year for the Single Operator Assisted Low Power category. First place and a new record for the category goes to Brian Campbell, VE3MGY, with a score of 351,840. Congratulations Brian! Ric Morton, WO4O, captured second place by scoring 237,456. Al Niittymaa, VE3VY, captured third place with a score of 204,378. Dick Van Zandt, K9OM, claimed fourth place scoring 195,800. Mike Goldstein, VE3GFN, rounded out the top five in 5th place with a score of 180,096. The new SOALP category has proven popular with 184 entries.

## Canada Winter Contest Records as of December 31, 2022

Call	Category	QSOs	Mult	Score	Year
VE3EJ	SOABHP	1659	125	1,429,750	2014
VX5SF(op VE5SF)	SOABLP	1510	109	1,002,800	2001
VE3JC	SOABQRP	399	81	271,674	2001
VE3ZF	SOSB144MHz	80	2	1,640	2021
VY2SS	SOSB50 MHz	382	10	10,720	2001
ZF2NT	SOSB28 MHz	1127	23	100,832	1998
VE3KZ	SOSB21 MHz	873	20	75,040	1997
VA7RR	SOSB14 MHz	1318	25	142,450	2021
VE3DZ	SOSB7 MHz	1052	21	96,978	2022
VE3BY	SOSB3.5 MHz	537	22	104,016	1997
VE3MGY	SOSB1.8 MHz	382	17	25,296	2012
VE7JH	SOABCW	1385	62	368,900	2013
VE4VT	SOABPH	1498	60	479,880	2011
VE3MGY	SOALP	1133	60	351,840	2022
VE4RAC (op VE4VT)	SOAHP	1551	114	1,046,292	2022
VX6JY	MS*	2092	132	1,476,024	2001
VE6SV	MOSTHP	1750	119	1,065,526	2013
VE7UF	MOSTLP	1179	108	655,560	2015
VE6RAC (at VE6JY)	MOMT	5393	125	2,896,500	2013
VE3OMV	Rookie	358	51	102,102	2022

\* Category superseded in Winter 2003

## Multi-Operator Multi-Transmitter – Any Authorized Power

**9M8J:** 9M8HAZ, 9W8ZZK

**K3AJ:** K3AJ, WT3K, ND3D

**N1SOH:** W1FM, N1SOH

**N4SS:** W5MX, KJ4YLR

**VA2UR:** VA2UR, K1LI

**VC3CJ50:** VE3ISO, VE3AYR, VE3SMA, VE3ZLG, VE3CZI, VA3MRB, VA3MRX, VA3DGA

**VE1RAC:** VE1FA, VA1YL, VE1BAB, VE1RSM

**VE3DC:** VE3BK, VE3QEE, VE3RIA

**VE3TCC:** VE3MAH and Mike (working on Amateur certification)

**VE4WSC:** VE4WSC, VE4DL, VE4SF, VE4JBB

**VE4YH:** VE4EA, VE4YH

**VE5RAC:** VE5RAC, VE5WI, VE5FF, VE6FRD, VE5CJB, VA6NJK

**VE6AO:** VE6TC, VE6TNO, VE6NRO, VA6SJA, VE6CCL

**VE6FI:** VE6FI, VE6AQ

**VE7DB:** VE7OM, VA7NX, VE7UJL

**VE7JKZ:** VE7JKZ, VA7VK

**VE7NA:** VE7GDE, VE7JLO, VA7PK, VE7BGP

**VE7RAC:** VE7WJ, VA7ROH, VA7DX, VE7KW

**VE7SAR:** VA7QD, VE7XDT, VE7SAR, VE7TXL, VA7XB, VA7XH, VE7KGK, VE7SXM, VA7VJ, VE7TI

**VE9RAC:** VE9ML, VE9BK, VE9RA, VA3GKO

**VO2RAC:** VO2AC, VO2NS

**VY2RAC:** VY2LI, VY2OX

**W1MX:** KM6WOX, KC1RQI @W1MX

**W7STV:** W7STV, KA7MFW



## Single Op Assisted High Power

Ed Richardson, VE4VT, using the VE4RAC call sign, won the new Single Operator Assisted High Power category and established a new record with a high score of 1,046,292. Congratulations Ed! Gilles Renucci, VA2EW, using the VA2RAC call sign, took second place with a score of 973,944.

Don Whitty, VE9XX, claimed third place this year with a score of 620,048. Dave Tucker, KA6BIM, took fourth place with a score of 491,996. Fifth place for the SOAHP category goes to Jim Brown, K9YC, with a score of 389,120. There was a total of 171 entries in the SOAHP category in 2022.

## Multi-Operator Single Transmitter Low Power

Once again, Marcel Leblanc, VE9ML, Jean-Paul Leblanc, VE9BK, Raymond Leblanc, VE9RA and Greg Osmond, VA3GKO, took top honours and the Tony Allsop, VE3FTA, Memorial in the Multi-Operator Single Transmitter Low Power category, using the VE9RAC call sign, with a score of 469,924. Tom Valenti, K3AJ, with Daryl Olson, WT3K and Robert Venanzi, ND3D, using remote at K3AJ, captured second place with a score of 318,654. Third place was taken by Tom Franks, VE3TCC and Mike – who is working on his Amateur Radio certification – with a score of 34,224.

## Multi-Operator Single Transmitter High Power

This year Bryan Bydal, W5MX and Clayton Bond, KJ4YLR, from the N4SS club station, won the Multi-Operator Single Transmitter High Power category with a score of 632,000. Using the VE1RAC call sign, members of the Kings Country Amateur Radio Club including Fred Archibald, VE1FA, Helen Archibald, VA1YL, Fred Blenkhorn, VE1BAB and Robert Schofield, VE1RSM, took second place with a score of 622,104. Third place goes to Gary Smith, VE4YH and Cary Rubenfeld, VE4EA, using the VE4YH station with a score of 551,736.

## Multi-Operator Multi Transmitter

Again this year operations of the Multi-Multi category were disrupted by the COVID-19 Pandemic resulting in both conventional Multi-Multi entries and what amounted to distributed Multi-Multi operations.

This year operators Al Ross, VE7WJ, Matthew Dodge, VA7ROH, Neil King, VA7DX and Keith Witney, VE7KW – representing the Coquitlam Amateur Radio Emergency Services Society using the VE7RAC call sign – took top honours in the Multi-Multi category with a score of 1,194,828. Guy Lemieux, VA2UR and Brian Machesney, K1LI, using call sign VA2UR, achieved second place with a score of 678,456.

Operators of the Calgary Amateur Radio Association – Mike Ross, VE6TC, Chris Pawelko, VE6TNO, Neeroo Sharma-Hall, VE6NRO, John Allen, VA6SJA and Robert Wilson, VE6CCL, using the VE6AO call sign – achieved third place in the Multi-Multi category with a score of 605,264.

Distributed Multi-Multi operations are designated in the score listings but are not eligible for awards as they do not comply with the 500 metre rule for antenna location and generally present less of an design, construction and operational challenge in dealing with inter-station interference and phase noise than a conventional Multi-Multi operation.

Distributed Multi-Multi operations are denoted in the detailed results listing by the symbol # following the call sign listing.

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**Check logs:** VE2NDZ, VE6RAC

## Rookie Contest Entrant

Maria Polyanska, VE3OMV (see page 33 of the March-April 2023 TCA), achieved the highest qualifying score of 102,201 with a Single Op All Band Low Power effort and wins the Rookie Plaque for the 2022 RAC Canada Winter Contest. Maria also established a new record for the sub-category. Congratulations Maria on your win and new Rookie sub-category record. Second place goes to Endre Balogh, VA6BGE, with a SOABHP qualifying Rookie entry score of 66,696. Spencer Nelson, VA3SPN, rounded up the top three qualifying Rookie entries with a SOABHP score of 31,496. Welcome to all newly certified Amateurs. Your participation in the RAC Canada Winter Contest is appreciated.

The Rookie Plaque was established as a contesting incentive for new operators, to aid in advancing operating skills for both CW and SSB modes, and to help new operators gain understanding of radio wave propagation. Thus, only entries categorized based on log contents as Single Op All Band High Power, Single Op All Band Low Power, and Single Op All Band QRP are considered for the Rookie Plaque. Operating both modes and contacting lots of multipliers is key to high scores in the Rookie subcategory. Please note that in some cases Rookie logs were re-categorized in accordance with addition rule note #1 to a different category based on the log contents. Rookie entrants are denoted in the detailed results listing by the symbol ^ following the call sign listing.

## Closing Comments

Your Contest Managers sincerely appreciate the increased use of Cabrillo-based log entries. The new log upload site at <http://www.contest.rac.ca/> has proven to be an efficient manner in which to submit contest logs for both the Canada Winter and Canada Day Contests. Processing completed by the upload system has also saved the log checker considerable time. Additionally, Cabrillo format files significantly reduce the workload associated with producing the contest results. Current versions of popular contest programs such as N1MM, Writelog, CT, NA, Super Duper and TR produce Cabrillo files that can be readily handled by new scoring software developed by Bart, VE5CPU.

Contest certificates will be available at [www.contest.rac.ca](http://www.contest.rac.ca) for those winning a certificate as denoted in the results. We will continue to accept paper logs in 2023 so it is easy for everyone to send in an entry. If you are submitting a paper log, we would appreciate, if possible, receiving summary sheets prepared in accordance with the format set out in the official rules and which provide a breakdown of VE, RAC, DX contact and a multiplier total. In the future Cabrillo log files will need to be submitted within 14 days from the end of the contest. Any entry with 100 or more contacts should be submitted in digital format using the contest log submission system or by email, while supported, to [canadawinter@rac.ca](mailto:canadawinter@rac.ca). Please review the rules for the RAC Canada Winter Contest 2023 when they are published as there may be refinements and other significant revisions to the rules for the next running of the contest.

Thanks, and congratulations to all for participating in the RAC Canada Winter Contest 2022 and good luck in 2023. Once again, special thanks go out to the operators of the RAC call signs. Hopefully, the solar cycle will continue on an upward trend in the coming years and we will have even better propagation for the running of the RAC Canada Winter Contest scheduled for December 30, 2023.

The RAC website at <http://wp.rac.ca/contesting-results/> has all the contest rules and entry forms as well as the Soapbox.

– 73, Bart, VE5CPU and Sam, VE5SF.



In the following charts Score\* = Certificate Winner; Score\*\* = Plaque Winner; Call^ = Rookie; Call\* = Assumed High Power; Call# = Distributed Multi-Multi

**SCORES BY CONTEST CATEGORY**

**Single Operator All Band High Power**

Call	Cdn	RAC	DX	Mult	QSO	Score
N8OO	735	52	905	110	1692	1122000**
K7RL	631	36	926	102	1593	905964*
W3LL	378	39	63	98	480	459228*
VE4GV	353	27	819	74	1199	422392*
AJ6V	279	10	373	59	662	220424*
WA2JQK	132	35	193	72	360	173232*
N3QE	201	6	260	56	467	148400
N7WY	164	23	194	56	381	139328*
VY1CO	177	18	194	52	389	130936*
W2XL	166	18	159	54	343	126252
VE3BR	114	23	219	60	356	122280*
K4BBH	145	25	0	53	170	103350*
NN6DX	139	11	99	50	249	90400
K0GD	115	15	80	45	210	72450
N4KS	164	12	278	29	454	70644
VA6BGE^	97	11	199	42	307	66696*
VE3SST	67	11	82	43	160	45322
K6XX	89	3	144	32	236	39616
KA3MTT	64	7	54	26	125	23088
N3NR	48	9	51	29	108	22098
W3SA	47	5	32	22	84	13948
K3ISH	30	6	9	24	45	10512
CT7AIX	27	1	53	15	81	5940
VA3QR	20	6	12	17	38	5848
WB8WUA	20	3	20	18	43	5400
W7TX	13	2	0	9	15	1530
WA7TV	6	1	35	7	42	1050

**Single Operator All Band Low Power**

Call	Cdn	RAC	DX	Mult	QSO	Score
VE5SF	495	35	986	95	1516	724090**
VE6TN	284	23	562	76	869	336224*
K3TW	262	16	330	67	608	241200*
VA3WB	142	24	398	66	564	177936
K5DHY	149	24	78	66	251	140316*
W2KA	151	20	5	57	176	109440*
VE3OMV^	136	11	211	51	358	102102**
VA6RCN	125	15	225	50	365	100000
K4DR	119	17	112	50	248	87700
W0IZ	159	13	170	40	342	87600*
KA0PQW	123	14	205	40	342	76800
VA3YV	104	10	119	45	233	66510
W8OV	100	12	0	47	112	58280
VA7EU	76	9	129	38	214	45524*
AI6O	94	3	120	36	217	44640
VE7AX	68	8	131	39	207	42978
N8II	81	12	49	36	142	41328*
VE3KTB	62	12	90	35	164	36400
VE3DMR	70	10	9	38	89	34884
W6GMT	65	9	104	31	178	32178
VA3SPN^	65	13	53	31	131	31496
VA3KRJ^	59	11	68	29	138	27434
VE3CES	53	4	48	34	105	24004
VE5CON	45	9	25	34	79	23120
KB3LIX	42	5	53	25	100	15650*
W7MTL	39	7	45	25	91	15500*
AA8RV^	41	7	0	26	48	14300
VE3PCP	35	9	6	21	50	11382
W0YJT	36	6	23	19	65	9994
VA3CK	23	6	46	21	75	9282
VA3EON	23	9	33	17	65	8092
W8NWX	38	4	0	17	42	7820
AE0IB	25	6	0	18	31	6660
VA2YZX	14	9	4	20	27	6560
VA2KD	19	6	3	17	28	5372
EI4II	21	3	23	15	47	4740
W7TF	23	4	13	14	40	4704
AB0CD	21	5	24	13	50	4654
K3KU	19	5	7	15	31	4560
VA7ZM	20	2	21	14	43	3948
NA7P	20	2	28	11	50	3256
KA2FIR	14	3	38	11	55	3036
KE6GLA	12	3	0	11	15	1980
K9WPV	11	3	0	11	14	1870
VA3TTB	12	3	11	9	26	1818
WA4GUD	10	3	0	9	13	1440
VE3RKY	11	0	11	10	22	1320
KX1W	10	2	16	7	28	1204
K4RFK	5	0	4	5	9	290
VE5ZC	4	1	13	2	18	172
JH0MUC	0	2	14	2	16	136

**Single Operator All Band QRP**

Call	Cdn	RAC	DX	Mult	QSO	Score
VE3WG	127	24	134	60	285	121080**
VE2ZAZ	93	13	146	36	252	53352*
VE3NFN	60	8	143	28	211	29288
VE9HF	64	3	194	26	261	28288*
K2NV	69	7	104	26	180	26988*
VE3SIF	55	8	85	26	148	22880
VE6GK	53	6	46	26	105	19292*
W7LG	60	4	88	20	152	17120*
K2EKM	51	8	69	21	128	16968*
NQ2W	48	3	71	19	122	12958
VE3PYG	26	8	36	24	70	11808
NDOC	40	9	3	20	52	11720*
VE3KJQ	36	1	83	19	120	10374
VA3IIF	26	7	43	19	76	9234
VE3NJE	27	7	19	15	53	6720
KO1H	33	3	67	11	103	5764*
VY2DP	22	2	36	11	60	3652*
VE3SVQ	17	5	16	10	38	3020
W6RKC	18	3	14	10	35	2680
PY2BN	18	2	35	8	55	2320*
VA3MZD	8	5	11	11	24	2222
N5OE	23	2	20	7	45	2170
VE3EDX	14	0	13	8	27	1328
N7JI	10	1	20	8	31	1280
US5VX	8	2	9	7	19	966
W2EB	9	1	0	8	10	880
VE3DQN	6	1	6	6	13	552
K2AL	5	1	11	5	17	460
K1WAT	7	0	0	4	7	280
OK6OK	3	0	28	3	31	258
N2DYT	3	1	0	3	4	150
JH7JU	3	0	8	2	11	92
DL/UT1AN	2	0	12	2	14	88
PU4BOT^	2	1	1	2	4	84
VA2EPR	0	1	2	1	3	24
PA0ZAV	1	0	5	1	6	20
RW3AI	1	0	3	1	4	16
YO4AAC	0	0	8	1	8	16
HG7J	0	0	6	1	6	12
KI4ASK^	1	0	0	1	1	10
JR1NKN	0	0	2	1	2	4

**Single Operator All Band CW**

Call	Cdn	RAC	DX	Mult	QSO	Score
VE6BBP	367	29	1093	53	1489	341108**
VE3NNT	266	27	978	53	1271	273268*
VE3CX	303	24	829	52	1156	268736
VA3AR	265	17	821	48	1103	222336
K1LZ	273	19	613	47	905	203792*
VA7ST	238	16	644	47	898	187436*
KR2AA	244	26	489	47	759	185086*
K4BAI	257	21	414	46	692	175628*
N4BP	199	24	292	53	515	161862
K8NVR	221	30	161	51	412	159732*
VA3FF	179	19	660	45	858	157050
W9RE	218	28	0	56	246	153440*
N5TJ	188	22	140	57	350	148200*
VE3USP^	179	21	309	52	509	147056
VE3EJ	187	17	356	48	560	140256
VE3FP	193	15	501	40	709	129280
VE5GC	202	12	646	36	860	127872*
K8MP	194	13	313	43	520	121518
VE5UF	168	14	485	41	667	120130
VE3VN	154	9	540	42	703	117600
K0XF	188	12	341	40	541	112080*
VE1ZA	180	12	532	34	724	105536*
VE3XL	157	13	452	37	622	101158
VE3CT	142	12	584	35	738	98980
VE3KOT	143	15	362	37	520	90798
WB8JUI	137	16	259	41	412	90528
W3NX	137	20	79	44	236	84832*
VE9OA	126	11	410	35	547	80500*
KN0V	157	12	219	33	388	74184
KM4FO	132	12	221	35	365	70070
N9TTK	133	9	208	36	350	69336
VA3GE	134	8	298	32	440	67072
K4WW	143	10	247	31	400	65844
WK2G	127	8	380	30	515	65700*
N8AA	118	15	192	35	325	65240
VE3MA	98	15	288	34	401	63104
KE8PX	113	14	173	35	300	61460
N1CGP	119	14	0	41	133	60270

In the following charts Score\* = Certificate Winner; Score\*\* = Plaque Winner; Call^ = Rookie; Call\* = Assumed High Power; Call# = Distributed Multi-Multi

W7GF	90	17	114	41	221	60188	VE3EUS	29	6	38	16	73	7776
N0AC	125	9	150	34	284	58820	W4SPR	38	3	36	15	77	7680
VE9AA	87	10	443	29	540	56724	NS2N	31	2	22	17	55	6698
N4TB	113	10	152	34	275	55556	KC4TEO	27	4	25	16	56	6400
VE3TM	101	11	298	30	410	54780	F5PLC	27	5	41	14	73	6328*
N5XE	119	8	130	33	257	53130	OK2QA	28	2	102	12	132	6288*
W0VTT	139	6	263	26	408	52936	N4IU	20	6	34	16	60	6208
VE7CA	107	7	221	32	335	52864	W7HJ	20	6	34	16	60	6208
N9TF	108	11	162	32	281	51968	OK1KTI	19	3	67	16	89	6144
N5EE	128	4	261	27	393	50814	A19K	31	3	18	15	52	6090
VA3FN	97	12	207	31	316	50344	F5JU	25	4	37	15	66	6060
WA7NB^	80	12	103	40	195	49840	W4ZXT	15	6	32	15	53	5010
WB2FUV	104	9	138	31	251	46376	VE3VIG	24	3	72	11	99	4884
NO5W	104	8	199	28	311	44744	PY3TD	23	3	36	13	62	4706*
K6RB	100	6	160	31	266	44640*	WD4LZC	31	3	24	11	58	4598
N4CWZ	79	14	136	33	229	44286	K4PV	23	1	79	11	103	4488
K4MQM	85	14	0	36	99	40680	K6KAL	29	4	18	11	51	4466
K8MR	107	8	0	33	115	40590	VE2QV	20	2	34	14	56	4312
VA7GI	82	10	265	26	357	40300	K3HX	21	3	28	13	52	4238
VE3FH	72	12	162	28	246	35952	K0TC	24	5	27	10	56	3940
W0UY	90	11	0	30	101	33600	HP1EUA	15	4	6	15	25	3630
VE9KK	92	7	263	21	362	33306	WA0LIF	18	4	3	12	25	3192
W1WBB	81	7	117	28	205	33152	K7ZYV	18	3	15	11	36	2970
VE3FAC	62	11	65	34	138	32980	PY4ARS	16	2	32	11	50	2904
AC4G	84	6	4	34	94	32912	W7GB	14	3	0	14	17	2800
AA4DD	66	8	36	34	110	30328	EW1TO	17	2	61	8	80	2656*
N2JJ	72	8	70	29	150	29580	EA5KO	16	1	54	9	71	2592*
N6TQ	74	13	23	28	110	29288	VE7VR	15	4	28	9	47	2574
K7JQ	99	4	192	20	295	29080	OP5T	17	2	37	9	56	2556*
NF8M	67	9	80	28	156	28280	KW4EE	14	3	12	11	29	2464
VY1RAC	75	5	258	20	338	27320*	KN3A	23	1	11	9	35	2448
KD2KW	71	6	90	27	167	27270	KN7A	10	3	20	12	33	2400
VE7CV	67	10	32	29	109	27086	OG2X	17	2	41	8	60	2336*
K4SO	63	7	80	29	150	26970	EI8GP	16	1	35	9	52	2250*
KK7RR	75	11	84	23	170	26174	PA0INA	12	3	10	11	25	2200
K8JQ	78	4	208	20	290	25520	AJ1DM	13	2	3	12	18	2112
WA5LFD	72	9	0	27	81	24300	VE3EKA	17	3	31	7	51	2044
VA3IK	69	5	279	18	353	24264	DJ4WT	18	1	43	7	62	2002
VE1ANU	67	6	211	20	284	24240	CT1ELZ	13	1	17	10	31	1840
K6FA	59	7	89	26	155	23608	K2MN	9	4	9	9	22	1692
VE2IR	59	3	234	21	296	23478*	NG4L	11	2	19	9	32	1692
VE3MDX	50	8	105	26	163	22620	N6GP	13	2	4	9	19	1602
VE3IKV	75	7	212	16	294	21024	AA9RK	13	2	28	7	43	1582
KE0TT	73	10	2	22	85	20548	N7DSX	11	2	19	8	32	1504
WB8JAY	45	8	89	26	142	20488	N2CJ	10	3	24	7	37	1456
WB9UGX	51	9	29	26	89	19448	W4ZPR	16	1	0	8	17	1440
K4AVX	63	3	68	21	134	17346	WA9LEY	13	1	0	9	14	1350
VE3BXG	54	2	137	20	193	17080	PA5GU	9	0	42	7	51	1218
K7AZT	67	8	0	20	75	16600	OK2EQ	9	1	18	7	28	1022
VA3GUY	47	6	83	21	136	15876	K7ULS	13	2	0	5	15	850
K1EEE	40	5	95	23	140	15870	KG7MVH	11	0	14	6	25	828
K7CS^	52	7	43	21	102	15666	CX1CAN	5	3	10	6	18	780
WW5W	56	3	70	20	129	15200	SF6W	11	1	0	6	12	780
KR2Q	45	5	84	21	134	15078	VE3LVW	9	1	0	7	10	770
KB8PGW	46	6	18	23	70	14168	SP2GMA	8	2	16	5	26	760
VA1RST	49	6	84	18	139	14004	JQ3ALW	4	3	17	5	24	670
VE2OXP	47	5	8	23	60	13478	N7VS	3	3	9	6	15	648
VE3EY	45	6	110	17	161	13430	JF2FIU	3	3	16	5	22	610
VA3EC	49	3	59	20	111	13360	YO4SI	5	2	25	4	32	560
K9PMV	34	6	52	23	92	12972	JK1HIY	5	2	2	5	9	470
N3GD	46	6	68	18	120	12888	KT5LA	3	3	11	4	17	448
N4QI	44	7	40	19	91	12540	EA2SN	5	1	3	5	9	380
VE7ARN	37	7	42	20	86	11880	RQ4F	6	0	4	5	10	340
VA3PM	39	6	49	18	94	10944	RCODC	4	0	22	4	26	336
NN4SS	40	5	3	21	48	10626	W0GXA	5	0	11	4	16	288
AC6YY	36	5	67	17	108	10098	SP5GDY	5	0	10	4	15	280
KF9VV	48	2	0	19	50	9880	OM8MF	5	0	9	4	14	272
W8ASA	33	6	0	21	39	9450	F5JBR	5	0	6	4	11	248
NX4N	36	6	35	17	77	9350	K2HT	4	1	0	4	5	240
OU4N	39	5	0	19	44	9310	JS1NDM	4	0	4	4	8	192
N6NT	33	4	39	19	76	9272	NU3C	1	0	42	1	43	94
VE7NI	45	7	58	13	110	9178	N2BZD	3	0	0	3	3	90
W1END	35	2	74	17	111	9146	NM5N	1	1	7	2	9	88
VE7AB	26	5	33	21	64	8946	JA3JM	1	1	6	2	8	84
KA4OTB	42	3	1	18	46	8676	JA8RWU	1	1	5	2	7	80
N6TTV	37	2	0	21	39	8610	SP2HMT	0	0	40	1	40	80
VE3QO	33	3	74	16	110	8608	OK1DKE	2	0	6	2	8	64
VE2OWL	42	1	64	15	107	8520	SK5AA	2	0	5	2	7	60
N4CW	38	3	90	13	131	8060	RA3XCZ	2	0	3	2	5	52
DL5AXX	33	4	63	15	100	8040*	DL1NKB	1	0	7	1	8	24
N8DNA	37	3	72	14	112	8036	SQ9S	1	0	6	1	7	22
VE3DS	31	4	16	19	51	8018	SO7NA^	0	0	9	1	9	18
KB1VUN	44	1	0	17	45	7820	DL8UKW	0	0	7	1	7	14
							OK1OA	1	0	1	1	2	12

In the following charts Score\* = Certificate Winner; Score\*\* = Plaque Winner; Call^ = Rookie; Call\* = Assumed High Power; Call# = Distributed Multi-Multi

**Single Operator All Band Phone**

Call	Cdn	RAC	DX	Mult	QSO	Score							
WB0TEV	407	21	397	53	825	280052**	KX7TL^	17	6	1	17	24	4964
W6AFA	325	15	461	44	801	196768*	K1MTD	23	3	2	16	28	4704
VE6KD	287	7	277	40	571	142560*	VE3ZW^	21	5	16	13	42	4446
VE4SG	252	17	529	30	798	117540*	VA3IX	27	3	11	12	41	4224
KM8Q	146	22	62	37	230	74888*	VE2SMS	19	4	15	14	38	4200
VE3GYL	170	16	267	29	453	74066*	VA2CO	25	4	8	12	37	4152
VE3PTA	125	16	110	35	251	62650	VE3MT	20	5	8	13	33	4108
VE1RPX^	150	18	120	29	288	60900*	VA7RYL	23	4	0	13	27	4030
VE1CHL	110	18	52	35	180	54740	N2OMD	15	7	6	13	28	3926
VE6MM	103	14	98	35	215	52710	VE6CLG^	18	4	0	15	22	3900
VE3MYE	114	10	109	32	233	49856	VE6SK	16	4	1	16	21	3872
VE6EC	96	11	79	34	186	45492	VE3MB	13	7	13	13	33	3848
VE4GKM	89	18	67	32	174	44288	KC6UCN	21	4	7	12	32	3648
VE1CNS	88	16	44	27	148	34776	VE2HAY	22	3	11	12	36	3624
VA2CF	87	14	57	26	158	32864*	VA7EGZ	23	3	17	11	43	3564
VE4XM	132	2	256	17	390	31824	K4SBZ	14	7	8	12	29	3552
VY2GF	78	12	37	25	127	27350*	W8NFM	21	4	3	12	28	3552
VE3YX	59	13	36	29	108	26738	VE3TLY	18	4	4	13	26	3484
VE3IJM	62	16	24	27	102	26676	AB1F	17	4	7	13	28	3432
VE7TOM	72	8	84	24	164	25152*	AC2ZZ	17	3	3	14	23	3304
VA3KOC	54	12	27	30	93	25020	VE4HUM	21	3	12	11	36	3234
NOHDR	51	15	0	30	66	24300*	KDOJLE	23	4	4	10	31	3180
N8WNA	50	16	23	28	89	24248	NC8R	22	2	38	9	62	3024
VE3TWG	55	11	29	29	95	24012	VE5WD	19	4	9	10	32	2880
VE3BFU	51	14	15	29	80	23780	N1SFE	13	5	4	11	22	2618
VA7YJJ	74	6	62	23	142	22632	VA3TPV	15	4	15	10	34	2600
VA3ACE	57	12	40	25	109	22250	KG6SVF	16	3	0	11	19	2420
KE9YK	50	14	20	26	84	21320*	W5TJS	15	4	2	10	21	2340
VE7GEL	63	9	31	24	103	20928	KC8NFN	18	3	21	8	42	2256
VE3IQZ	54	7	16	28	77	19936	VE3ZDR	12	4	7	10	23	2140
VE3GRA	65	8	27	23	100	19872	VA3PNL^	10	3	8	12	21	2112
AI4DB	50	12	1	25	63	18550*	N1WEN	14	2	0	11	16	1980
VE5FX	72	7	145	16	224	18400*	VE3SYZ	16	2	6	9	24	1908
VE6FT	47	10	64	23	121	18354	VA3CME	11	2	13	10	26	1760
KC9JML	51	9	25	24	85	17760	N3DRK	14	3	9	8	26	1744
K5DXR	48	12	3	23	63	16698	NC4TS	10	4	4	9	18	1692
W4AMP	49	11	4	21	64	15078	KC2PDO	16	2	5	8	23	1680
VA3CBU	56	6	77	18	139	15012	KC9GLR	19	1	11	7	31	1624
VE3RVZ	43	7	36	21	86	13482	VE3NQM	10	3	0	10	13	1600
VE1RF	46	4	33	22	83	13332*	KD2REH	10	5	9	7	24	1526
VE3ETE	39	10	32	20	81	13080	AA5AH	11	2	0	10	13	1500
NJ9Q	49	6	20	20	75	13000	W6AAE	12	2	3	9	17	1494
VE4EV	67	7	55	14	129	12880	KD2KEH	8	3	4	9	15	1332
VA3GD	40	9	30	20	79	12800	K1BIF	13	2	0	7	15	1190
VE7YAH	42	7	36	20	85	12640	VA2SCJ	8	4	5	7	17	1190
VE6SPS	62	7	65	14	134	12460	VA1PYE	5	4	8	8	17	1168
K0SV	74	6	38	13	118	12168	VE3KRU	7	3	3	8	13	1088
N5WCS^	34	9	15	22	58	12100	KI6HQT	7	3	6	7	16	994
N5MKY	30	9	8	24	47	11904	KE8VAM	8	3	0	7	11	980
WT8E	32	9	0	23	41	11500	VE7TE	12	0	4	7	16	896
K0SCO	42	9	0	19	51	11400	KQ4BBC^	6	3	3	7	12	882
VE7CKZ	37	8	14	20	59	11160	VA3EEB	8	2	3	7	13	882
WP4RF	30	9	1	23	40	11086*	VE6KLE	9	2	8	6	19	876
KD9AC	52	6	7	16	65	10464	N8WCP	10	1	3	6	14	756
NW5Q	37	8	8	19	53	10374	OK2TS	9	1	5	6	15	720
AJ0CM	32	8	0	19	40	9120	KA3KSP	6	2	0	7	8	700
VE7URN	33	7	0	19	40	8930	N5AF	9	1	0	6	10	660
W0WLA	31	7	24	17	62	8466	KE8SIQ^	5	2	2	7	9	658
VE3FTM	33	6	19	17	58	8296	N6SAC	6	2	4	6	12	648
VE9RLW	27	7	23	18	57	8208	VE6RED	5	2	9	6	16	648
VA7HC	34	1	53	17	88	7922	WA2CNV	6	3	0	5	9	600
AB1EP	30	9	0	16	39	7680	KCSUXO^	10	0	0	5	10	500
AC9X	30	6	17	16	53	7264	KI5ODW	7	1	3	5	11	480
K0RJK	32	6	14	15	52	7020	VA7OTC	4	2	8	5	14	480
VE3ODR	11	11	0	21	22	6930	N7EEL	6	0	5	6	11	420
VA6AGR^	27	6	34	15	67	6870	VE9WRS	6	0	4	6	10	408
WA4JA	21	7	13	18	41	6768	VA7VX	5	1	12	4	18	376
VA3NW	49	2	28	11	79	6446	NS4E	5	1	1	5	7	360
KW4LU	24	9	4	15	37	6420	VE2JR	6	1	2	4	9	336
N1ADX	26	6	9	16	41	6368	KC2TXO/VE3	5	1	0	4	6	280
W8LYO	23	5	0	19	28	6270	NG7PR^	6	0	5	4	11	280
VE3FE	24	7	13	15	44	6090	AB1XQ	2	2	0	4	4	240
KK4CS	27	4	0	17	31	5950	WB1CZX	5	1	0	3	6	210
VE6SC	23	10	24	13	54	5434	WB1CZX	5	1	0	3	6	210
N1ZN	18	9	0	15	27	5400	KE7ZAC	3	1	1	4	5	208
VE1HUL	25	5	16	14	46	5348	NV2K	5	0	0	4	5	200
N7AME	27	5	19	13	51	5304*	N2EAB	3	1	5	3	9	180
VA3RTG	25	5	0	15	30	5250	N7JSX	4	1	4	2	9	136
VE1TWM	18	6	17	15	41	5010	WB4E	2	1	1	3	4	126
							N8HM	2	1	0	3	3	120
							IK4VFB	3	0	3	2	6	72



In the following charts Score\* = Certificate Winner; Score\*\* = Plaque Winner; Call^ = Rookie; Call\* = Assumed High Power; Call# = Distributed Multi-Multi

**Single Operator All Band Assisted Low Power**

Call	Cdn	RAC	DX	Mult	QSO	Score	K4IU	41	6	68	20	115	13320
VE3MGY	353	43	737	60	1133	351840**	WA0MHJ	26	7	18	30	51	13080
WO4O	230	33	169	72	432	237456*	W3TB	46	4	55	20	105	13000
VE3VY	197	25	246	69	468	204378	AA8TA	47	4	48	20	99	12920
K9OM	267	25	373	50	665	195800	DK5DQ	40	5	70	20	115	12800*
VE3GFN	186	24	390	58	600	180960	K4FT	53	9	0	18	62	12780
VE3FZ	160	26	114	71	300	166708	W9TCV	40	7	16	21	63	12012
WQ6X	158	23	284	61	465	159088*	N0AT	38	9	1	21	48	11802
VE5UO	216	12	542	43	770	149812*	W4LAN	54	6	33	16	93	11616
VE9VIC	156	23	383	50	562	139300*	W4CMG	50	5	0	18	55	10800
AE0DX^	134	19	97	64	250	122496*	WO9B	29	6	27	23	62	10672
VE3MV	148	23	180	53	351	121900	VE6LB	25	8	72	19	105	10526
VA4HZ	138	25	114	53	277	111724*	XQ3SK	37	4	82	17	123	10438*
VA6MA	199	16	248	38	463	106628*	KY4GS^	41	4	33	18	78	10008
AI0Y	170	14	335	38	519	100700	VE3HZ	36	6	20	19	62	9880
VE3MZD	121	24	33	57	178	100092	KY0Q	39	5	0	20	44	9800
NM5M	182	18	201	38	401	98116*	K8BL	28	5	37	21	70	9534
VE3CWU	105	27	104	51	236	91698	N4DPM	33	7	0	20	40	9400
WB9HFK	170	11	242	35	423	84140*	VA7CTG	34	6	16	19	56	9348
VA3IDD	135	21	141	38	297	77976	PY5FO	35	6	21	18	62	9216*
N5EP	148	18	40	40	206	76800	N1DID	30	5	0	22	35	8800
VE3JM	95	9	283	43	387	72928	KM4IAJ	25	6	12	22	43	8668
VE3MF	147	18	64	36	229	70488	K9CPO	32	6	3	19	41	8474
VE3RGO	129	18	100	34	247	62900	VA3ATB	34	9	8	15	51	8040
WN6W	100	15	47	45	162	62730*	WO1N	28	7	40	16	75	8000
VA3PAF	87	13	82	47	182	60818	E72U	19	2	179	13	200	7644*
K9VD	82	18	0	50	100	59000	VE7BC	26	5	30	18	61	7560
NK4O	113	16	42	38	171	58292	WA9PND	25	7	0	19	32	7410
K3JT	108	10	124	35	242	53480*	VE3QN	24	4	40	18	68	7200
KP3W	103	15	121	34	239	53448*	KN4ZXG	35	1	28	15	64	6390
N2CU	105	14	183	31	302	52576*	N7MU	27	6	0	15	33	5850
AB8OU	88	11	64	42	163	51576	K8ZT	22	4	2	19	28	5776
VE3PJ	94	9	84	36	187	46368	KD7AKE	23	6	9	15	38	5520
K2QB	91	11	135	33	237	46200	SN5J	23	3	32	15	58	5310*
VA3OOL^	71	23	33	37	127	45732	KB9FPY	22	5	0	15	27	4800
N4JRG	85	11	24	39	120	43602	DM6EE	18	3	16	17	37	4624
WW2P	89	11	0	39	100	43290	AF8A	21	6	45	11	72	4620
NW0M	87	9	111	32	207	40704	K4LDC	24	2	0	15	26	4200
K4XL	105	5	95	29	205	38860	KE4KY	28	1	52	10	81	4040
K0MPH	79	9	70	35	158	38850	NY2A	22	3	4	14	29	4032
KB1RVU	86	18	35	30	139	38700*	KG5KRZ	20	4	4	13	28	3744
KT3T	68	10	9	38	87	34124	DL2LRT	18	3	26	12	47	3504
AA2IL	78	7	108	30	193	34080	KI1U	19	1	23	13	43	3328
N5KB	69	12	47	32	128	32768	VE3GMZ	21	2	22	11	45	3234
WA8ZBT	99	5	112	24	216	31536	OZ1AAR	20	1	26	11	47	2992
AB1J	67	9	159	26	235	30368	AA0AI	19	1	0	14	20	2940
VE3ICV	72	8	74	29	154	29812	KO9V	24	1	0	11	25	2860
VE3JZT^	55	9	55	34	119	28560	MM4D	12	2	96	8	110	2816*
VE3IDT	51	18	11	32	80	28544	KD6WKY	23	2	0	10	25	2700
NG2J	67	8	75	27	150	26460	VA6TI	16	3	69	7	88	2506
VE2HEW	46	11	70	32	127	26240*	AJ3M	17	5	4	9	26	2502
W7TR	55	9	56	31	120	26102	VE3HEU	19	1	49	8	69	2464
AC5XK	64	6	103	26	173	25116*	PY5IQ	17	2	4	11	23	2398
N9UNX	78	4	113	23	195	24978	PY2BBQ	12	2	14	12	28	2256
KN4CNU	76	7	6	27	89	24624	WA4IPU	15	1	6	12	22	2184
W3WHK	58	8	96	26	162	24232	CT1DRB	15	0	46	9	61	2178*
N4NTO	54	10	49	28	113	23464	AI1G	10	4	8	11	22	2156
VE3IMU	73	8	25	24	106	22560	KD9TWA	12	3	3	10	18	1860
K2MK	61	7	105	23	173	22080	AA8IA	14	1	0	11	15	1760
VO1OK	51	13	21	27	85	21924*	W8AIT	10	4	4	9	18	1692
KOWRY	71	10	0	24	81	21840	JA6WFM	8	3	30	8	41	1600
VE3EP	36	12	37	29	85	19546	F5IND	7	4	24	8	35	1584
K2QO	43	8	93	25	144	19400	N1CEO	15	2	30	6	47	1500
NA6JD	39	10	108	23	157	18538	N5JGE	10	2	9	9	21	1422
NJ4Q	54	7	14	26	75	18408	K4VBM	6	4	0	10	10	1400
N4U	55	7	18	24	80	17424	K6VHF	13	1	12	8	26	1392
VE3RXO	43	12	19	24	74	16992	W4SDX	12	2	5	8	19	1360
W4RKU	56	7	0	24	63	16800	N2EIM	11	2	0	9	13	1350
VE9MO	65	10	36	18	111	16596	EA1DHB	12	2	2	8	16	1312
VE3NRT	54	1	179	18	234	16524	VE3OU	6	4	14	7	24	1176
W0VX	66	6	3	21	75	16506	K6CTA	9	2	12	7	23	1078
K4GM	46	7	74	22	127	16456	N9FAT^	11	1	0	8	12	1040
VE7WVK	44	5	82	23	131	16192*	AB5XM	9	1	3	8	13	928
K5CM	55	10	1	21	66	15792	PY2CP	14	2	25	4	41	920
W4IDX	52	6	50	21	108	15540	PU1JSV	18	1	42	3	61	852
VE2WNF	30	16	0	25	46	15500	PA2TA	10	0	20	6	30	840
WU6X	53	5	42	21	100	14994	SM5JVF	9	0	5	8	14	800
WA0WWW	48	5	47	22	100	14828	KD6HOF	5	3	2	7	10	798
KD9NHZ	36	14	11	22	61	14564	AC6DF	7	1	15	6	23	720
VE2IAA	51	5	63	19	119	13984	K6EI	10	0	0	7	10	700
N4SD	52	6	27	20	85	13880	N1KWG	6	2	0	7	8	700
KI6OY	53	7	10	20	70	13800	KC3STZ^	6	2	4	6	12	648
							KB7BTO	7	1	1	6	9	552



In the following charts Score\* = Certificate Winner; Score\*\* = Plaque Winner; Call^ = Rookie; Call\* = Assumed High Power; Call# = Distributed Multi-Multi

IC8FBU	6	1	15	5	22	550	K6KM	103	13	1	32	117	41344
NN0JS	7	2	0	5	9	550	K3PP	68	16	0	40	84	40000
VA7VF	6	1	8	5	15	480	NN7M	79	10	117	32	206	39168
SP3BBS	4	1	16	5	21	460	VA3FH	62	12	86	37	160	38184
AB5KM	5	2	0	4	7	360	VA2QR	73	13	83	33	169	38148
SP9GFI	6	0	5	4	11	280	MM2N	58	7	250	31	315	37820*
G5LSI^	4	1	3	4	8	264	N2KHH	79	6	39	38	124	37544
ZL3GA	4	1	1	4	6	248	VE3DZP	58	11	66	39	135	36348
MM2T	3	1	5	4	9	240	AK1MD	72	12	17	36	101	35784
LY2CO	4	0	11	3	15	186	DL1BUG	71	9	173	28	253	34608*
PA3BUD	2	1	11	3	14	186	N3FJP	58	14	0	40	72	34400
VE6GTZ	4	0	6	3	10	156	DL6KVA	82	9	70	30	161	34200
BA4TB	1	1	16	2	18	124	K1BZ	76	8	0	37	84	34040
LZ1YF	4	0	5	2	9	100	VO1HP	86	7	104	28	197	33824
PE1EWR	3	0	1	3	4	96	W6KC	60	12	0	40	72	33600
PA3EVY	2	0	11	2	13	84	AE1T	77	8	90	30	175	33300
SV3RPQ	1	1	2	2	4	68	KK4R	63	9	60	35	132	32550
UW7LL	0	0	29	1	29	58	N5RZ	89	8	0	31	97	32550
4X1ST	2	0	9	1	11	38	N1DFD	97	8	111	24	216	32448
BD7JIR	0	0	4	1	4	8	N5UI	71	11	23	32	105	31232

**Single Operator All Band Assisted High Power**

Call	Cdn	RAC	DX	Mult	QSO	Score	Call	Cdn	RAC	DX	Mult	QSO	Score
VE4RAC	629	58	864	114	1551	1046292**	DL5JQ	67	10	106	27	183	29214
VA2RAC	593	40	1144	108	1777	973944*	K0ZR	56	8	140	29	204	29000
VE9XX	452	39	873	88	1364	620048*	VE2OV	44	23	3	32	70	28992
KA6BIM	371	44	322	94	737	491996*	KZ3P	58	15	19	29	92	26622
K9YC	365	35	257	80	657	389120*	DK2CF	77	8	95	23	180	25760
VA1MM	320	19	716	61	1055	305732*	NK6A	63	6	67	29	136	25636
VA2CZ	272	18	491	71	781	288402	NT3U	62	9	0	32	71	25600
N6AR	218	28	136	79	382	237948*	VE7DX	80	6	51	25	137	25550
K3PA	219	33	0	77	252	219450*	K2ANZ	74	13	7	24	94	24336
VE5MX	214	22	405	62	641	210180*	N3DUE	62	13	2	27	77	23868
VE3KG	220	20	508	58	748	209728*	K4RUM	63	4	136	24	203	23568
AD4EB	254	28	368	54	650	207144	K6NV	66	4	119	24	189	23472
AA3R	211	31	91	71	333	206752*	VA3PC	60	11	33	26	104	23036
NT6X	190	29	180	72	399	204480	VA7TU	67	7	130	21	204	22470
VA2EBI	171	28	312	70	511	202580	K7WP	58	9	33	27	100	22302
AA3B	256	23	730	45	1009	201600	HA3NU	83	6	169	17	258	21896*
VE3YT	193	20	298	66	511	193116	AB2E	43	10	42	30	95	21420
N7NM	204	30	122	66	356	190344	KC3TAU	44	12	0	31	56	21080
VE7SNC	362	17	574	37	953	188996*	WB2WPM	67	9	99	20	175	20960
VA3WW	253	23	223	47	499	161492	K4SHW	59	12	0	25	71	20750
VE7XF	198	22	417	47	637	152938	K3IE	53	7	19	29	79	20532
W5TM	192	26	210	51	428	145860*	KE2D	42	14	35	26	91	20020
VE3LRL	196	29	199	49	424	143962	N3RJ	50	10	1	28	61	19656
WA8KAN	159	20	232	53	411	130062*	W5GCX	57	9	5	24	71	18240
WA3AAN	200	17	441	38	658	122436	W0VQ	46	6	63	25	115	17650
W1GD	131	24	1	68	156	121856*	PA3AAV	50	6	145	19	201	17290*
VE2FK	164	15	371	44	550	118008	VO1CH	34	8	142	22	184	17248
K6WSC	195	20	79	46	294	115368	N2SO	46	4	61	26	111	17212
M2A	127	22	122	57	271	111378*	K0SN	66	2	155	17	223	17170
VE6IVN	186	15	349	37	550	105746*	W7NIK	50	6	0	27	56	16740
K4QQG	208	20	184	37	412	105376	AJ1AJ	43	7	153	19	203	16644
NN2NN	113	24	0	65	137	104650*	EV1R	49	8	36	22	93	15884*
K3AU	190	18	196	38	404	100776	KK4ADQ	49	13	2	20	64	15080
KV0I	162	14	162	43	338	95632	W6IA	44	6	0	26	50	14560
VE6KC	141	12	291	41	444	91512	N7EPD	39	9	45	22	93	14520
VE7AV	254	8	471	25	733	91050	W1ARY	43	6	77	19	126	13376
N5ZO	115	13	336	43	464	89526	W4PF	44	3	29	23	76	12834
VO1KVT	169	15	196	35	380	83370*	KG4W	39	8	25	20	72	12000
VE3MM	94	17	299	42	410	78876	KF7U	45	3	37	20	85	11680
W8FJ	133	16	97	41	246	75604	N5UM	48	5	48	17	101	11492
N3AM	123	16	160	38	299	71060	W9CY	43	8	9	18	60	10944*
N5AW	130	15	29	41	174	67978	CU3AC	29	8	7	23	44	10672
W4KW	128	18	55	38	201	66500	AF5J	42	5	3	20	50	10520
K5UV	147	11	247	30	405	65520	VE7TK	34	5	32	17	71	8568
K5PI	85	16	138	44	239	63624	K4ELI	30	8	2	18	40	8352
K6PO	135	13	166	32	314	62144	HA4FB	43	7	107	10	157	7840
WC3N	102	16	0	46	118	61640	NZ4N	29	7	14	17	50	7786
W6SX	112	12	194	35	318	61180	K5RM	39	2	26	16	67	7712
KE6GFI	169	10	80	29	259	59450	N9NS	31	5	18	17	54	7582
WA8Y	80	15	79	46	174	57868	W9TC	31	5	18	17	54	7582
K5LY	109	10	130	37	249	57350	PA5KT	36	1	14	17	51	6936
VA7OO	82	8	280	32	370	49280	WB2NVR	26	5	20	17	51	6800
K3TN	81	14	120	35	215	46550	G3DR	28	3	41	16	72	6752
VA3TNM	86	11	155	33	252	45870	VE6IKR	40	2	45	12	87	6360
WA4WZR	78	9	56	41	143	43952	N9NA	31	5	0	15	36	6150
K1JB	156	13	164	20	333	42960	S51DX	23	2	233	8	258	5888*
VE7IO	97	8	275	25	380	42000	SF1Z	28	4	42	13	74	5772*

In the following charts Score\* = Certificate Winner; Score\*\* = Plaque Winner; Call^ = Rookie; Call\* = Assumed High Power; Call# = Distributed Multi-Multi

NS4X	24	3	0	19	27	5700	WU6P	151	14	291	21	456	49812*	40	HP
KT4XN	41	3	0	12	44	5640	K7PJT	66	6	116	11	188	11132*	40	HP
W7CO	23	1	37	17	61	5508	VE3GJP^	57	7	118	10	182	9460	40	LP
LA1U	27	2	31	14	60	5208*	VE2KLV^	78	3	68	9	149	8784*	40	HP*
WA2MCR	27	2	17	15	46	5160	OM2XW	48	6	103	10	157	8060*	40	HP
WI6X	31	5	1	11	37	4532	VE3OSZ	33	4	64	9	101	4842	40	HP*
KE2SD	34	2	78	8	114	4288	VO1NA	23	4	44	8	71	3184*	40	LP
IK3SWB	21	2	9	14	32	3752	VE3PYJ	24	4	5	8	33	2640	40	LP
N4UU	26	2	25	10	53	3500	VE6CA	23	3	11	6	37	1872	40	HP
WH6R	14	7	36	9	57	3168	SP5GH	10	1	0	4	11	480	40	HP
LA9OI	19	2	25	11	46	3080	W7DMW	4	1	4	4	9	272	40	LP
AF4T	19	2	14	11	35	2838	NF6R	5	1	0	3	6	210	40	LP
DL9LM^	17	2	34	10	53	2780	WA2VIU	1	2	11	2	14	144	40	HP
KB1QU	19	3	0	11	22	2750	SM5CSS	2	0	1	1	3	22	40	HP*
R3LC	20	2	11	10	33	2620	VJ4O	0	0	9	1	9	18	40	LP
KOVBU	16	3	9	11	28	2618	N1NN	1	0	1	1	2	12	40	HP
DL3KDS	12	4	0	12	16	2400	SP5ES	1	0	0	1	1	10	40	LP
W1KM	12	3	2	10	17	1840	JA0JHQ	0	0	1	1	1	2	40	LP
KN3B	9	4	3	9	16	1584	VA7RR	351	14	802	26	1167	140244**	20	HP
W2XYZ	15	2	0	8	17	1520	WJOW	251	4	499	12	754	43056*	20	HP
I2IFT	18	1	0	7	19	1400	VA3OK	136	6	164	12	306	21696*	20	HP
W4ZGR	17	0	0	8	17	1360	W3ICM	104	3	140	12	247	16560*	20	HP
YP5A	3	0	225	2	228	960*	VE1SQ	35	5	22	9	62	4446*	20	LP
DF8V	3	2	42	5	47	770	KA0AZS	25	6	12	10	43	3940	20	LP
NA4J	8	1	12	6	21	744	G0GHK	26	1	5	11	32	3190	20	HP
JO7KMB	6	2	21	5	29	710	R3AQ	21	2	53	8	76	2848*	20	HP*
AC0E	6	1	16	6	23	672	W0EJ	18	1	19	7	38	1666	20	LP
PA3CWN	9	1	10	5	20	650	N7SE	23	2	1	6	26	1632	20	LP
DK4JA	8	1	2	5	11	520	VY1XY	21	1	8	6	30	1476	20	HP
DL4CF	6	0	36	3	42	396	AF5CC	18	1	35	5	54	1350*	20	LP
KN6SID	4	1	0	5	5	300	N3VYZ	7	3	7	5	17	720	20	LP
ES2RR	6	0	6	4	12	288	OK2ABU	10	0	5	6	15	660	20	LP
GOIBN	3	0	23	3	26	228	OH2KI	11	1	0	5	12	650	20	HP
PY5ZHP	3	1	8	3	12	198	OH5ZA	11	1	38	3	50	618*	20	HP
RT1A	3	1	5	3	9	180	G0PHY	8	1	4	5	13	540	20	HP
VE2GT	1	1	0	2	2	60	JE1GWO	5	2	2	5	9	470	20	LP
							LU5BE	4	3	8	4	15	464	20	LP
							JE1RZR	4	2	0	5	6	400	20	HP
							PA3HLE	5	1	4	5	10	390	20	LP
							K6ST	6	0	6	5	12	360	20	HP*
							KF3G	4	0	7	2	11	108	20	LP
							DL9HB	3	0	1	3	4	96	20	LP
							RT1I	3	0	6	2	9	84	20	LP
							K7NT	2	0	9	2	11	76	20	LP
							JH4FUF	1	1	2	2	4	68	20	LP
							KC1FOZ	2	0	0	2	2	40	20	LP
							RA3NC	1	1	2	1	4	34	20	HP
							LU1DJX^	0	1	0	1	1	20	20	LP
							CM6SQ	0	0	8	1	8	16	20	LP
							SM3CZS	1	0	2	1	3	14	20	LP
							SP3WKW^	1	0	1	1	2	12	20	LP
							WZ6ZZ	1	0	1	1	2	12	20	LP
							JF1GZZ	1	0	0	1	1	10	20	LP
							F4GFT	0	0	2	1	2	4	20	LP
							PE4I^	0	0	1	1	1	2	20	LP
							VE7NZ	164	10	419	21	593	56238*	15	HP
							WA7BNM	68	4	72	16	144	14464*	15	LP
							N8CWU	41	7	13	17	61	9792*	15	LP
							W7CXX	28	1	51	9	80	3618*	15	HP
							VA3YY	12	3	12	8	27	1632	15	HP*
							HC1JQ	7	2	12	6	21	804	15	HP
							OG6B	6	1	11	3	18	306	15	HP
							KE8UKX^	2	1	0	3	3	120	15	HP*
							YL2LW	3	0	9	2	12	96	15	LP
							HA1TI	1	0	6	1	7	22	15	LP
							7K1MAG/2	0	1	0	1	1	20	15	LP
							YO5CTS	0	0	6	1	6	12	15	LP
							VA6WWW	48	3	114	6	165	4608*	10	LP
							9A7R	18	3	105	7	126	3150*	10	HP
							N0UI	9	3	2	6	14	924	10	LP
							WB0LQC	11	1	4	5	16	690	10	LP
							KD9VZP^	6	1	6	4	13	368	10	HP*
							F5NBX	6	0	28	3	34	348	10	HP
							G3SQU	1	0	4	1	5	18	10	LP
							KD9VUT^	1	0	2	1	3	14	10	LP
							VE7GDH	0	0	3	1	3	6	10	LP
							KG6WSW	0	0	1	1	1	2	10	HP*
							VE4DL	1	0	0	1	1	10	2	QRP

**Multi Operator Single Operator Low Power**

Call	Cdn	RAC	DX	Mult	QSO	Score
VE9RAC	358	40	392	91	790	469924**
K3AJ	282	30	257	81	569	318654*
VE3TCC	68	18	32	31	118	34224*
VE7DB	43	5	50	25	98	15750*
W7STV	18	7	19	15	44	5370
W1MX	2	0	2	2	4	48
9M8J	0	0	14	1	14	28

**Multi Operator Single Transmitter High Power**

Call	Cdn	RAC	DX	Mult	QSO	Score
N4SS	420	47	590	100	1057	632000*
VE1RAC	492	28	641	92	1161	622104*
VE4YH	376	35	614	97	1025	551736*
VE6FI	359	21	568	44	948	226424*
VE7JKZ	161	15	378	36	554	95976*
VE4WSC	92	12	287	38	391	65892

**Multi-Operator Multi Transmitter**

Call	Cdn	RAC	DX	Mult	QSO	Score
VE7RAC	758	38	1687	102	2483	1194828**
VA2UR	474	32	1498	81	2004	678456*
VE6AO	498	28	1212	76	1738	605264*
VE5RAC	521	24	756	78	1301	561756*
VE7SAR	255	24	526	61	805	249002
VO2RAC	217	20	370	53	607	175430*
N1SOH	180	23	225	59	428	159890*
VE7NA	107	12	186	41	305	68962
VE3DC	95	10	124	37	229	51726*
VY2RAC#	261	24	747	54	1032	247536
VC3CJ50#	172	8	186	47	366	105844

**Single Operator Single Band**

Call	Cdn	RAC	DX	Mlt	QSO	Score	Bnd	Pwr
VA7MM	29	4	35	7	68	3080*	160	HP
W7DRA	11	0	9	4	20	512	160	HP*
N6RO	102	12	106	18	220	26496*	80	HP
WA4JQS	77	6	54	8	137	7984*	80	LP
VE3BZ	34	5	22	8	61	3872*	80	LP
N4JKD^	6	1	0	3	7	240	80	HP*
KE3AO	4	1	0	2	5	120	80	HP*
VE3DZ	276	17	759	21	1052	96978*	40	HP

# RAC Canada Winter Contest 2022 Soapbox

**7K1MAG/2:** I enjoyed the contest. I have operated in JA2 area.

**AA9RK:** I was only able to spend about an hour on the air, but it was fun nonetheless.

**AB0CD:** IC7300 LDG Remote tuner, Rain Gutter II Random Downspout/Raingutter Antenna, N1MM.

**AB5XM:** Enjoyed the contest! Thanks for having it!

**AC4G:** Appeared to be many VEs operating. I mainly focused on QSOing VE's. Perhaps I will work others next year to improve my QSO count and score. Thanks for the QSOs!

**CT1DRB:** Very nice contest, enjoy it a lot.

**EA5KO:** FT757GX 100W, multiband Inv. Vee.

**EW1TO:** TS430S PWR 100W ANT GP.

**F4GFT:** Just distributing a few points.

**G0GHK:** Just on to give some points out, 73 GL to all - [www.g0ghk.com](http://www.g0ghk.com).

**HA4FB:** Having limited time I wanted to participate as SO SB HP 40m CW Assisted but I see that only SO SB Unassisted 40M was possible. So, I send my log as Single OP Assisted All Band HP instead. Rig-Yaesu FTDX3000 + PA Henry 3K Premier Antennas- Lazy-H antennas (NW-SE/SW-NE) and NVIS (N/S) Single wire Beverages, 300m to 325 degrees, 100m to 285 degrees and 160m to 50 degrees, (TNX to Jan OK2ZAW!) Beverages complemented by a HA5IW preamplifier. Thanks for all QSOs! 73, DX! Yuri (HA4FB)

**IK3SWB:** Just few QSOs for little time.

**JA0JHQ:** It is 1st time for me.

**JA8RWU:** Entered three contests (9ACW, RAC, Stew Perry) and just played around each a little this weekend. Have a happy holiday season and see you all in 2023! - 73, Akira, JA8RWU.

**JF1GZZ:** I enjoyed the contest.

**JF2FIU:** Thank you all stations!

**JH4FUF:** I enjoyed the contest. See you next year! TS-890S+21 mh 6 ele Yagi etc.

**JH7UJU:** FT-817ND Yagi.

**JK1HIY:** I enjoyed RAC, third time.

**K0GD:** All S&P, daytime operation only so I missed much of the action on the low bands.

**K1MTD:** During this busy Christmas season, I was happy to have some time to enjoy one of my favorite contests. Merry Christmas, Happy Holidays to all!

**K2MN:** Used two indoor fan dipoles and 80 Watts.

**K3AJ:** K3AJ operated from the shack. ND3D and WT3K operated remotely.

**K3KU:** QRV for the last hour. QSOs on SSB and CW on 20m, 40m, and 80m. Personal obligations override the fun of RAC contests.

**K3TW:** Many thanks for another very enjoyable RAC Contest and Happy New Year!

**K4VBM:** Not much time to play, but great fun!

**K6FA:** Conditions were good so guess I will go back to running QRP.

**K9OM:** Great band conditions, SFI=155. Thanks for the Qs! 73, Dick, K9OM.

**KA0AZS:** Corrected file: logged V01 instead of VO1RAC in original.

**KA0PQW:** Fun contest. Thanks for having it. 73, Matt, KA0PQW.

**KC3STZ:** Obtained License in September 2021.

**KC4TEO:** Great contest as usual.

**KD7AKE:** First time I worked 15m and 80m.

**KE0TT:** 100 watts to two selectable dipoles up 35 to 45'. Thanks for the fun! Always enjoy the RAC contests. 73, Dan, KE0TT.

**KF3G:** Operated from FM29jw. Thank you for the very enjoyable 2022 RAC Winter Contest.

**KM8Q:** That was fun. Missed NU, but likely not alone. Thank you to the RAC for such a great event. Definitely will be back next time. Maybe not LP unassisted next time.

**KN3B:** Casual S&P.

**KY4GS:** Rookie - licensed April 2021.

**N1CEO:** My transceiver crashed during the middle of this contest. I continued operating with a different transceiver. Ci-v communications between the transceiver and my logging program N1MM stopped working and I had to enter frequencies manually for the rest of the contest. I am learning CW.

**N1NN:** 15th RAC Canada winter contest.

**N1SFE:** I just got on the air for a little bit on Saturday afternoon and evening between doing chores around the house. I figured I'd give out some points.

**N2DYT:** Using an indoor loop in my 4th floor apartment - 5 watts. Had fun.

**N4JRG:** Missed NT & NU.

**N7DSX:** Thank you for a very fun event.

**N8II:** Conditions were good, activity was not.

**N8OO:** Years after years, same very high activity, thanks organizers for super contest, special thanks VY1CO Scott for 3 bands mult, VE8NSD 3-band mult. VA2RAC for only one QSO 160m ssb. Merry Christmas, happy New Year. 73! Vic, N8OO.

**N9TF:** Lots of fun. Really like the contest format. Always fun to see if I can work all VE Provinces in a short time. Came oh so close. missed NT and NU. Maybe next year? Thanks for a fun contest! 73, Gene, N9TF -100 watts to a 6BTV ground mounted.

**NC4TS:** First time participant in the RAC Winter Contest. Very friendly operators north of the border!

**NC8R:** I enjoyed RAC winter contest. It was a wonderful experience!

**ND0C:** I always enjoy this one but only had a couple hours to operate.

**NG7PR:** First licensed: February 2020.

**NN7M:** Bands were in great shape. Had a very good time working 15m.

**NQ2W:** Very enjoyable contest! Snow storm clean-up limited the time I could spend on the air. 73, Will, NQ2W.

**NX4N:** Tnx for the QSO's! 73, Chris, NX4N.

**OG2X:** Thanks. It was nice to meet some Canadians on the band. Thanks.

**OP5T:** First attempt. Wires and 100W. Spent some short moments. Started much too late.

**PU4BOT:** First licensed on July 27, 2020.

**RA3XCZ:** IC756PROIII, Delta Loop 16073!

**RW3AI:** Rig Xiegu G90 pwr 5W, Ant Multiband vertical ECO.

**PY2CP:** I love the onliest Xmas Spirit of this Contest!

**SP2HMT:** Too much contests in same time.

**SP3WKW:** Ant: inverted V dipole 20mrig: Xiegu g90.

**VA2CO:** My power supply quit on me at 19Z, it had a good life, got it in 1981!

**VA3CME:** 100w, wire dipole.

**VA3GE:** G5RV antenna was covered with ice making antenna loading very difficult.

**VA3GUY:** 1st contest in a couple of years. A good (re)test of my CW. Was fun!

**VA3OOL:** First licensed: July 2021.

**VA3RTG:** Icom IC-7300, ZS6BKW Dipole.

**VA3SPN:** First licensed September 4, 2020.

**VA6BGE:** Flex 6600, Hexbeam for 40 thru 10m, Vertical for 15m, 135ft wire for 10m. Practicing CW since March 2021.

**VA6RCN:** P/T effort due to furnace breaking down.

**VA7CTG:** Comox Valley Amateur Radio Club.

**VA7OTC:** Operated only Friday evening local (U) as was in my first Christmas Bird Count the next day. Tough sledding - mobile, 50 W, 1/4 wave mono-band whips. [grin] Need to resume work on my full loop antenna for such portable ops. Thank you to all who worked to pull out the "light" station. For those that couldn't, thanks for trying. I had interesting paths to much of North America over the 3 1/2 hours. Some light stations, for me, proved to be successful contacts as there wasn't any on-frequency competition for us.

**VC3CJ50:** Entered under VC3CJ50 as MOMT to help celebrate Burlington Amateur Radio Club's 50th Anniversary.

**VE1RAC:** Propagation was patchy, with 10,15 and 20m going from nothing from the west to excellent contacts with BC and Alberta. For the previous two Canadian contests we have had trouble with RFI locking up N1MM on the station computer. This time we found and worked around the cause, resulting in less trouble and more QSOs! Each contest is a challenge to us to do better!

**VE1RPX:** I did not enter as Rookie because I did not make a CW QSO....

**VE2KLW:** All the QSOs were inside the 40m frequency band. All the QSOs were in SSB mode. All the QSOs were at Low power (< 100 W). I obtained my first licence in July 2022 (exam).

**VE3BFU:** VE3BFU 100W IC718 Hex Beam and Inverted V. Thanks to all. 73, Jana.

**VE3DC:** Great to be in the RAC Winter Contest in Canada once again. The operators were on when they could as this is a busy time of the year but always good to operate in this one. Thanks to all that worked us and to the other operators for the effort they did. 73 Rick, VE3BK.

**VE3DMR:** Another great RAC Winter contest!

**VE3DS:** 73 Dana VE3DS.

**VE3ETE:** Manitoulin ARC, Ontario, Canada.

**VE3FTM:** Better band conditions this year, limited time on but very enjoyable, thanx to all especially NT!!

**VE3GJP:** Rookie, low power, non-assisted.

**VE3GRA:** Ask for just Canadians periodically?

**VE3LRL:** What a great day! New antenna/tower working very well and I am pleased!

**VE3MF:** RAC Winter Contest is so much fun.

**VE3NRT:** Great participation in US and Europe. Lots of Canadian calls too.

**VE3OMV:** First licensed in September of 2021.

**VE3TCC:** Great introduction to son to contesting while he studies for his licence.

**VE3YX:** Glad to see the higher bands working. Great contest for the "non-contester". TNX.

**VE4EV:** I enjoy this contest. 73, Dan, VE4DRK.

**VE5GC:** Wind wrecked my beam. Operated the contest with wire ant.

**VE5SF:** Good conditions this year, but lots of local noise on 80m.

**VE6CLG:** Licensed October 27, 2020.

**VE6EC:** Conditions were better and my personal score improved. Had lots of fun.

**VE6GK:** SteppIR urban beam at 60 feet did the heavy QRP lifting.

**VE6IVN:** Had a lot of fun; glad 10 and 15 opened up.

**VE6KD:** Fun.

**VE6MM:** Good fun. Amazing to work NS from AB on 40m. Best 73.

**VE7AB:** vertical dipole hanging from an oak tree.

**VE7CA:** Great privilege representing Canada!

**VE7NA:** RAC contest was a lot of fun with Lady Propagation in our favour.

**VE7NZ:** Participation gets better every year!

**VE7RAC:** Another fun RAC Winter Contest. Thanks to all who worked us and best wishes for a very Merry Christmas and a DX filled 2023! 73, Neil, VA7DX.

**VE7YAH:** Very enjoyable contest. Thank you.



**VE9RAC:** VO1HP 14.040 CW 1933Z Show Multiplier but would not log as Multi.

**VE9VIC:** 100 watts with 80M OCFD.

**VJ4O:** Used "SD" by EI5DI worked very FB.

**VO1NA:** Great fun as usual.

**VY1RAC:** It was nice to have good conditions for the contest, especially on the upper bands.

**VY2RAC:** Another Distributed Multi with Lowell, VY2OX, doing most of the heavy lifting. As in the past, the object was to provide everyone with an opportunity to work the bonus station VY2RAC. Happily, it seemed that there were several VY2 stations participating this year. Merry Christmas to all and here's hoping Santa will be packing some great propagation in his sack. 73, Bill, VY2LI.

**W0WLA:** Contest was operated mobile Yaesu FT-891 and Tarheel 75A antenna.

**W0YJT:** Well, had company this year so ham radio was after they left 73 John.

**W1END:** Rig was FTdx101 and Butternut vertical. Conditions seemed pretty good this year on all bands.

**W1MX:** First HF contest for relatively new hams at MIT!

**W2EB:** Just a quickie to pass out some points. Lots of activity, good contest. Maybe next year I can give it a serious effort.

**W3ICM:** Enjoyed the contest. 20 SSB only, calling CQ. Never heard from NT.

**W3SA:** 80m horizontal loop on all bands.

**W3TB:** W3TB, Franklin, Tennessee.

**W5TJS:** Nice to talk to our neighbors to the north.

**W9RE:** Great activity and great ops! Had fun S and P'ing VEs.

**W9TCV:** Heard the fun going on and had to join in. Great to work neighbors to the north! 73, W9TCV.

**WA2CNV:** Got on late but managed to get the West coast and the middle!

**WA4JQS:** Great contest. Merry Christmas.

**WA8Y:** I'm proud to say I'm 25% Canadian, enjoy giving you a point.

**WB8WUA:** I had fun and was fairly successful for the winter time. I had to skip over several serial numbers of my series, as I inadvertently ended up participating additionally in the Croatia 9A contest from their CQ confusion. Thanks for the nice RAC contest opportunity.

**WO1N:** Too many commitments Saturday to be able to do this contest justice. Thanks for the Qs. Ken, WO1N.

**WQ6X:** This was another WQ6X multi-contest weekend from the WA6TQT super-station. No one was interested in doing a multi-op so I set up an operation from STN-2 at WA6TQT's super-station. A new computer was brought in to STN-2 so a number of settings needed to be made as I went along with the contest. I was too lazy to run SSB Friday evening so it was a CW only contest until later Saturday morning. Overall, the band conditions were quite FB. Having access to the antenna array at Radio Ranch gave me a strong low power signal across North America – even on 160. There were dozens of stations calling in who were oblivious as to what I meant when I called "CQ RAC contest". Nevertheless, they gave their 1st QSO in the contest and I got another 2-points. There was even a short opening to JA on 10 & 15 metres. I love the fact that numerous Canadian Amateurs play in their own contest. There were many VE4, VE1, VY1, VY2 and VO1 stations on the air.

**WU6P:** Thanks for N6RO/Ken's guidance on contesting. It is a fun event. Did not get NT and NU in this contest. There is always next year. Using N6RO super-station.

**YO4SI:** Rig: Kenwood TS-450SAT 100W Ant: FD4.

**YP5A:** FTdx-3000 + PA 300W dipole.