

# RAC CANADA DAY CONTEST – 2013 RESULTS

By Bart Ritchie, VE5CPU and Sam Ferris, VE5SF

[Web Update: Correct some log classification errors. VA6FR became a certificate winner in the SOABLP category.](#)

With Canada Day falling on a Monday this year, it was expected that we would see a lower level of activity compared to last year and that was certainly the case. While there was a drop in participation compared to last year that is really in line with prior years when the holiday falls within the normal work week. Once again there were notable comments around propagation, especially from those outside of North America.

With that bit of introduction, on with the detailed results!

## **SINGLE OP ALL BANDS HIGH POWER**

Paul Newberry Jr., N4PN wins the SO-AB-HP plaque sponsored by Radioworld with a score of 572,562. Paul also takes the Larry Kayser, VA3LK Memorial Plaque sponsored by Alan Goodacre VE3HX for the Top Scoring Single Operator's Foreign Entry - any authorized power. Ed Richardson, VE4EAR utilized the VE4RAC call sign and takes second place this year with a score of 490,866 and Tom Haavisto, VE3CX takes third place finish this year with a score of 383,104.

## **SINGLE OP ALL BANDS LOW POWER**

Dick Van Zandt, K9OM piloted his station to a 1<sup>st</sup> place finish in the SO-AB-LP category and takes the plaque sponsored by Contest Club Ontario with a score of 177,940. Jean Charron, VE2JCW takes second place this year with a score of 145,200. Third place goes to Ed Henderson with a score of 137,298.

## **SINGLE OP – QRP**

The QRP battle once again brought all new players to the top three with Thomas J. Warren, K3TW taking the

first place plaque in the SO-AB-QRP category sponsored by QRP Canada with a score of 73,390. Second place goes to Dave Fischer, KS0MO with a score of 47,718. Third place has a tie this year, a rare occasion in the Canada Day contest. Robert MacKenzie, VA3RKM and Dave Stephenson, VE3PYG tied with a score of 31,320 points.

## **SINGLE OP ALL BAND PHONE**

Alan Swanick, VA6UK moved into first place this year capturing the SO-AB-PH plaque sponsored by the Saskatchewan Contest Club with a score of 90,936. Perry Langelier, VA7FC takes second place with a score of 56,836 and Arthur Payne, VE3SY takes 3<sup>rd</sup> place with a score of 54,270.

## **SINGLE OP ALL BAND CW**

Gabor Horvath, VE7JH (operating from VE7UF's station) takes first place with a score of 181,440 capturing the SOABCW plaque sponsored by the Maritime Contest Club. Second place goes to Bill O'Kain, K4LTA with a score of 122,430. Ralph Parker, VE7XF round up third place with a score of 113,334.

## **SINGLE OP SINGLE BAND**

20 meters continues to be the main band for those in the SOSB category and again produced the top three scores in this category. John Colyard, W4IX takes first place, taking the SOSB plaque sponsored by Radio World with a score of 127,380. Robert Nash, VE3KZ takes 2<sup>nd</sup> place with a score of 109,250 and our top 3 rounds out with an entry from Radio Klub Belisce, 9A3B with a 57,596 point tally.

The complete listing show the band by band breakdown and power levels for those who like to keep track of that element of SOSB even though it is not an official part of the contest format.

This category was our most popular one for a fourth year running attracting 113 entries and edging out SOABCW by 8 entrants for most participated in category.

## **MULTI-OPERATOR SINGLE-TRANSMITTER HIGH POWER**

Rick Williams, VE9HF and his use of the "network" takes first place in the MO-ST-HP category. He captures the Alfa Radio sponsored plaque with a score of 253,368. The KINGS CO. AMATEUR RADIO CLUB (KCARC), VE1LD takes second place with a score of 223,110. Barry Cohen, N2BJ operating in assisted mode takes 3<sup>rd</sup> place this year with a score of 217,098.

## **MULTI-OPERATOR SINGLE-TRANSMITTER LOW POWER**

Marcel LeBlanc, VE9ML along with VE9BK and takes 1<sup>st</sup> place this year with a score of 432,864 capturing the MO-ST-LP Tony Allsop - VE3FTA Memorial plaque. The Mississauga Amateur Radio Club, VE3MIS takes 2<sup>nd</sup> place this year with a score of 337,172 and Rebecca Kimoto, VA7BEC along with VA7KO takes 3<sup>rd</sup> place with a score of 203,262.

## **MULTI-OPERATOR MULTI-TRANSMITTER**

Igor Slakva, VE3ZF and his team VA3ATT, VE3FJ, VE3KAO, VE3NFR, VE3RA & VE3SS, using the VA3RAC call takes first place this year in the MO-MT category, taking the plaque sponsored by Radioworld with a score of 782,130. Gordon R. Kosmenko, VE6SV and his team take second place with a score of 779,940. Our third place finish goes to ORCA DX and Contest Club; VA7ODX using the VE7RAC call with a score of 435,774.

## **Top Scoring Single operator - Foreign entry**

As noted in the SOSBHP results, Paul Newberry, Jr., N4PN piloted his station to the highest placing single operator from outside Canada with a score of 572,562. This earns him the

Larry Kayser, VA3LK Memorial plaque sponsored by Alan Goodacre VE3HX.

### A Few Statistics

Logs submitted	471
- Canada	2187
- US	178
- other countries	98
Total QSOs	74,137

We appreciate all the Cabrillo formatted logs, but encourage you all to check to make sure all the pertinent information is correct in the Cabrillo headers. Not all of you are getting the correct entry classes entered in the header due to limitations in your software. Please make sure you are using the most current version available.

The RAC Contest Management team continues to get the results out as quickly as possible with as much accuracy as we can. In the event we have let any errors in, please accept our apologies and be assured we will be happy to correct any problems that are identified and publish any updates on the RAC web site.

### CANADA DAY CONTEST – 2014

The contest managers look forward the contest and to hope to see increased participation during the 2014 running of the Canada Day Contest, which is scheduled for July 1, 2014, a Tuesday this year. Please join us as it is a great way to spend part of the Canada Day holiday!

The RAC website at <http://www.rac.ca/en/rac/programmes/conests/> has all the contest rules and entry forms.

A Cabrillo formatted electronic log submission really helps to manage the work to compile the contest results. Although we encourage electronic logs, we will continue to accept paper logs for small entries (less than 100 contacts).

If you are not submitting a Cabrillo log, we ask that those entrants include a summary sheet providing the required information and where possible, a breakdown of VE, RAC, and DX contacts as well as the multiplier total. This will make compiling and checking of logs a bit

easier and aids to a quicker turnaround of the results.

As a reminder, when submitting e-mail entries, please make the subject line meaningful. Our preference is Call - Category - RAC Canada Day. For example: VE5CPU – SOABHP – RAC Canada Day.

*To those who participated in 2012, THANKS and we hope you enjoyed the event! Good luck in the 2013 RAC contests.*

73 ... Bart, VE5CPU  
Sam, VE5SF

### Multi Op List

G3ORY	G3ORY
K1SD	K1SD
K4IU	K4IU
K5MXG	K5MXG, K5NZ
N2BJ	N2BJ
N2NS	N2NS
N3NZ	N3NZ
N3QE	N3QE
N3UA	N3UA
N4AAI	N4AAI
N4AF	N4AF
N4DW	N4DW
N5CW	N5CW
NK6A	NK6A
PI4DX	PD1DX
S59T	S59T
SP1MHZ	SP1MHZ
VA2BCA	VA2BCA
VA2RAC	VA2RC, VE2SG, VE2EBK, VE2RO
VA3KAI	VA3KAI
VA7BEC	VA7BEC, VA7KO
VE1LD	VE1FA, VE1QY, VE1TT, VA1YL
VE3DC	VA3TUR VE3BK VE3DCU VE3EEZ VE3HTF VE3MWB
VE3HEU	VE3HEU
VE3JDF	VE3JDF
VE3MIS	VE3IMG, VE3VE, VE3CWU
VE3SSR	VE3SSR
VE3VV	VE3VV
VE3VZ	VE3VZ
VE4EA	VE4EA, W6NF, K7MKL
VE5RI	VE5CJB VE5FN VE5WI
VE6AO	VE6BYN VE6CMV VE6NFL VE6SPS
	VE6TC VE6KC VE6CCL
	VE6HWE VE3RIA VE6STP
	VA6MCB

VE6RAC	VE6JY, VE6IVN, VE6EC, VE6STE, VA7BB, VE6AQ, VA6AWS, VE6OH, VA6BSD, VE6KD
VE6SV	VE6SV VE6RST VE6TL VE6LDX
VE7BFC	VE7SDI, VE7WNK
VE7NA	VE7JLO, VA7DSW, VE7FCO, VE7GDE, & VE7BGP
VE7NSR	VE7KW, VE7AM, VE7SWL, VE7FTO
VE7RAC	VA7XB, VE7ACN, VE7GM, VE7IO, VE7JT, VE7OFH, VE7TI, VE7WJ

### Check logs

GW0BBO, PA9WOR, VA3YT, JJ5HUD, R2LAC, DL5SVB, VE7XF DM5DX

### SOAPBOX

AA3S: VERY ENJOYABLE CONTEST, BUT NO YUKON OR NUNAVUT HEARD!  
 AH6EZ-W9: Fun to operate as VY0RAC last year. Did not hear VY0 this year.  
 G3LIK: Could only participate part time due to other commitments. Found conditions were very variable with a lot of QSB. Heard one or two Canadian stations but they had poor ears. Need sleep now getting old  
 Good to have SD for logging  
 GW0BBO: Transmitter output 90W, antenna 20/40m trap dipole with a good take-off for N. America. Due to conditions I was disappointed at the number of Canadians heard at this station.  
 HA2MN: The propagation was not on the top this time. I had to tackle for almost all VE Q's. For the end of contest it seemed better a bit due to some growth of SFI. Many thanks for Q's and hope to serous next year! Rig TS-530SP 100W ant end-fed wire 21 mtrs long above flat roof.  
 HC2AO: A LOT OF FUN  
 JJ5HUD: Many Thanks. I enjoyed very well.  
 K3TW: Thanks for another enjoyable RAC Contest. Activity and band conditions were down this year, but 10m was open all day long from my Florida QTH to Ontario with many very strong signals. I will have a tower with rotary yagis next year to replace my wire dipole antennas. As always, HAPPY CANADA DAY!"

K4ORD: Conditions not as good as last year, but still much fun, enjoy the low key contest like these. 73 Riley  
K4ORD  
K8FZY: a great contest. had fun. thanks to all. 73 Steve k8fzy  
KA6BIM: Note to self... Run test of software BEFORE the contest! After all these years I still haven't got a clean sweep on any band I needed VY0 & Vy2 for 20mtrs. So at 23:58 I hear VY0HL work VY2MPboth loud and clear, but no time to work either...  
KD6WKY: Always a fun contest to kick off the summer.  
KN4Y: Enjoy the great CW with the north of the boarder stations. 10 and 15-metersare always welcome.  
N4PN: THANKS TO THE SPONSORS OF THIS EVENT...IT WAS FUN AND LOTSTO WORK EVEN WITH BAD BAND CONDX..ONLY STATION WORKED TENQSO's WAS ED, VE4EAR AT VE4RAC..THANKS TO ALL..  
OK2QX: Very bad condx over time of this contest. Also problem is with VE stations, that not beaming to EU. I hrd more weak VE-CW signals, but in the time of opened propag. to EU, wkd only USA stations...Here 100 W out, "K3" + 3 el tribander and 54 m LW.  
OK2SWD: THANKS FOR QSOS. SEE YOU AGAIN FRIENDS.TCVR: 70 W, ANT: LW 40 M  
ON3ND: Just a small log but better a small log than no log at all !  
PA1NHZ: Terrible conditions, sorry.  
PA5GU: POOR CONDITIONS LEADING TO LOW SCORE  
VA3MTT: tough conditions but awesome contest  
VA3NW: technical issues  
VA3PCJ: Rig: Elecraft KX3 w/ext.battery. Pwr: 4.5 Watts. Ant.: 43 ft. wire almost vertical (up a maple tree) with a 43 ft. horizontal cable, folded & elevated 4 ft., as single counterpoise. 4:1 unun, choke &short coax. Key: Nye Viking Speed-X.A hesitant 24th solar cycle together with the impact of a CME on June 30th and the passing of the Earth through a region of south-pointed magnetic field in the solar wind caused less than optimal conditions for QRP operation (closed high HF bands, weak signals, QRN & much QSB). Hence, few DX QSOs from outside NA were possible, but there seem to

have been some interesting late evening openings in the low HF bands. Thank you all & 73.  
VA3RKM: KX3, 5w, verticals, 80m dipole, 160m wire. Poor conditions most of the time for QRP but enjoyable nonetheless.  
VA6UK: Enjoyed the contest a shame conditions were poor but you just make the most of it 73's VA6UK  
VE3DC: Another great Canadian Contest. Thanks to many of the Hams South of the border for helping us celebrate Canada's Birthday again. We reciprocate and work the 13 Colonies for their July 4th Celebration, all good ham contesting fun. Bands were hopping at the beginning and at the end of the contest. Sometimes in the middle of the Contest, it seems as if there was no one there (I never did check to see if we had a solar flare) but I think part of it was that it was Monday daytime and many of the Hams that would usually be on were at work. The fun of working a contest when it is during the week. We did well, even though our big gun CW operator was in Calgary, helping the VE6AO guys make points. A great Canadian Contest no matter how many you get to say Happy Canada Day to. Thanks to the great job the operators did this time and to the many that worked us in this great Canadian Contest. 73 Rick VE3BK  
VE3DMR: Band conditions were not good here and the noise level was high. I needed several does of "medicinal" rum to assist the rig's noise blanker !! :)  
VE3FZ: Only had a short time to operate but was fun as always, 20 and 40 were the most active here - no PEI this year  
VE3KQN: Condx were pretty tough, add to that QRP and a random end fed wire YET it was still a lot of fun!  
VE3LC: Nice activity on the Bands  
VE3SS: Managed to get on the radio for 45 min. Wish I had more time. Lots of activity as usual.73 Ted  
VE3SS  
VE3SVQ: Many thx to the RAC stations for their long hours on the air  
VE3USP: Very short opening on 28MHz. Could not work all the provinces; I missed Yukon, Nunavut and NWT just like in every year.

VE3WBT: Had a lot of fun, thanks to all that worked me this year, looking forward to next year!  
VE5DLM: Too bad conditions were poor.  
VE6PLC: Another fun Canada Day Contest. Thanks RAC!  
VE6RAC: CONDITIONS WERE MARGINAL BUT STILL LOTS OF FUN.  
VE6ZC: Interesting condx - X-ray flares, one-way propagation, R1 blackouts, s8 QRN - we had it all!  
VE7BFC: Had fun. Good pileups during the day. First year running high power on a new amplifier. Did not work overnight or on any mode besides SSB.  
VE7BQO: 20 m and 40 m conditions were good for the first 8 hr. but after that I found it a real struggle to make contacts due to high noise and poor propagation. It was fun anyway and a pleasure to be able to participate Thanks to the many fine ops copying my QRP signal  
VE7NA: Like all Canada Day & Winter Contests this one was a lot of fun. New Hams & old Hats at Ham radio operated our Club Station 73 Gerry VE7BGP  
VE7NS: Conditions were poor with lots of qsb As always the SD program worked well  
VE7XF: Nice to see so many VE4 stations active.  
VE9REB: 20 METERS WAS THE ONLY ACTIVE BAND,A BIT 80 AND 40 A COUPLE ON 15.LACK OF RAC CALLS.  
VK4TT: G'day to other Ops. Used "SD" by EI5DI wkd vy FB  
W5LA: LOTS OF FUN!  
W6AFA: Always fun!  
K3KU: A lot of fun. Can't figure out why I missed this 'Test for several years. Already looking forward to July 1, 2014.  
W7GB: It's Canada Day so I try to work only Canadians but a few others slipped through. Nice contest!  
W9QL: Only had a few hours on Sunday night to operate, since I had to work on Monday.  
VE8GER: Band conditions weren't in my favour, but had fun!!!  
N6GP: Thanks for a fun contest.  
AA3S: VERY ENJOYABLE CONTEST, BUT NO YUKON OR NUNAVUT HEARD!

## RAC Canada Day Contest Records *(updated with 2013 results)*

### Canadian Record Scores

Call Sign	Category	QSOs	Mults	Score	Year
VE3EJ	SOABHP	1513	118	1,243,956	2008
VE5SF	SOABLP	884	95	658,540	1999
VE3KZ	SOABQRP	468	79	309,048	2002
VA7RR	SOSB*	1531	25	233,150	1999
VE6JY	SOABPH	906	55	421,850	2007
VA2WDQ	SOABCW	820	48	189,216	2010
VE6AO	MOSTHP	1092	76	526,984	2008
VE3MIS	MOSTLP	867	73	379,200	2007
VE6JY	MOMT*	2671	119	1,898,764	1999

*\*The official category does not have a power class designator.*

**\* No new records in 2013**

### Canadian Single Band Record Scores

Call Sign	Category	QSOs	Mults	Score	Year
VE3VZ	SOSB - 144	66	3	2,046	2005
VE3FIT	SOSB - 50	43	6	2,364	1998
VE1CZ	SOSB - 28	183	9	7,128	1997
VE6JY(opVE5MX)	SOSB - 21	957	20	72,800	2001
VA7RR	SOSB - 14	1531	25	233,150	1999
VE3TA	SOSB - 7	612	20	68,800	2009
VE3BY	SOSB - 3.5	447	15	64,800	1997
VE3DO	SOSB - 1.8	82	18	11,412	1996

**No new single band records in 2013**

# RAC 2013 CANADA DAY CONTEST RESULTS

## PLAQUE WINNERS

### **Single Operator All Bands High Power**

Sponsored by Radioworld  
Paul Newberry, Jr., N4PN with a score of 572,562

### **Single Operator All Bands Low Power**

Sponsored by Contest Club Ontario  
Dick Van Zandt, K9OM with a score of 177,940

### **Single Operator All Bands - QRP**

Sponsored by QRP Canada  
Thomas J. Warren, K3TW with a score of 73,390

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

Sponsored by Saskatchewan Contest Club  
Alan Swanick, VA6UL with a score of 90,936

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

Sponsored by Maritime Contest Club  
Gabor Horvath VE7JH with a score of 181,440

### **Single Operator Single Band Any Authorized Power Level**

Sponsored by Radio World  
John Colyard, W4IX with a score of 127,380

### **Multi-Operator Single Transmitter High Power**

Sponsored by Alfa Radio  
Rick Williams, VE9HF with a score of 253,368

### **Multi-Operator Single Transmitter Low Power**

Tony Allsop VE3FTA Memorial Sponsored by Mississauga ARC  
Marcel LeBlanc, VE9ML with a score of 432,864  
Ops: VE9ML & VE9BK

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

Sponsored by Radioworld  
Igor Slakva, VE3ZF operating as VA3RAC with a score of 782,130  
Ops: VA3ATT, VE3FJ, VE3KAO, VE3NFR, VE3RA & VE3SSR

### **Top Scoring Single Operator Foreign Entry**

Larry Kayser, VA3LK memorial plaque sponsored by Alan Goodacre VE3HX  
Paul H. Newberry, Jr., N4PN with a score of 572,562

## 2013 RAC Canada Day Contest – Results Line Listing

\*\* Category winner    \* Certificate winner

### Single Op All Bands High Power (SOABHP)

Call Sign	Score	CDN	RAC	DX	QSOs	Mults	
N4PN	572,562	636	39	579	1254	69	** , #
VE4RAC	490,866	537	23	642	1202	69	*
VE3CX	383,104	375	31	808	1214	64	*
W5WMU	368,512	416	25	549	990	64	*
VE3RZ	252,928	247	24	501	772	64	
K3ZO	229,350	330	25	185	540	55	*
VE7GL	226,928	309	23	407	739	52	*
K6MMM	206,346	296	24	303	623	51	*
K4BAI	195,648	299	17	373	689	48	
VE6ZZZ	175,448	231	17	362	610	52	*
VE3EJ	156,600	212	17	336	565	50	
K9MMS	151,524	198	13	283	494	54	*
KA6BIM	94,380	262	15	113	390	30	*
N6GP	74,676	117	20	104	241	42	
N9WKW	23,050	60	11	51	122	25	
W1EBI	22,100	52	9	92	153	25	*
SK2T	18,576	68	4	136	208	18	*
K1JB	17,004	52	4	27	83	26	
AH6EZ-W9	16,000	24	13	0	37	32	
VO1UL	14,896	58	9	12	79	19	*
KO7X	13,072	44	7	54	105	19	
K1BV	12,580	43	2	135	180	17	
VE3TW	9,112	35	7	23	65	17	
K6KR	6,960	33	6	7	46	15	
AD7MQ	3,900	25	7	0	32	10	
NG7M	3,336	17	2	34	53	12	
VA2QR	2,430	12	6	15	33	9	*
SM4DQE	1,596	7	0	98	105	6	*
VE3MEW	8,712	35	4	27	66	18	
W6FA	4,030	23	4	0	27	13	
VA3PAW	1,854	14	2	13	29	9	
AE6YB	600	9	3	0	12	4	

(#) Top Scoring Single Operators Foreign Entry - any authorized power

Larry Kayser, VA3LK Memorial Plaque sponsored by Alan Goodacre VE3HX

### Single Op All Bands Low Power (SOABLP)

Call Sign	Score	CDN	RAC	DX	QSOs	Mults	
K9OM	177,940	197	23	220	440	62	**
VE2JCW	145,200	166	17	320	503	55	*
VE4YU	137,298	200	24	161	385	49	*
VE5ZX	108,630	185	7	212	404	45	*
K9YC	106,878	152	25	127	304	47	*
K0HB	105,400	165	19	39	223	50	*
VE3RCN	96,324	146	19	127	292	46	*
NW2K	96,210	139	15	224	378	45	*
AA3S	94,944	168	17	94	279	43	*
VE3BW	91,000	107	21	130	258	52	
VE7CV	83,660	125	21	55	201	47	*
VA3EC	77,560	130	13	328	471	35	
VE2ZT	73,040	119	14	95	228	44	*
VO1GO	69,200	114	16	135	265	40	*

WA2JQK	58,128	89	14	107	210	42	
VE3CES	54,858	87	14	94	195	41	
VE3FZ	54,792	112	7	131	250	36	
K3KU	52,010	102	10	133	245	35	
K4DJ	50,922	129	14	158	301	27	*
W9WLX	48,688	97	13	101	211	34	
W1/YO7ARY	35,496	68	8	102	178	34	*
K9PMV	33,524	72	14	78	164	29	
N0UV	31,374	95	9	16	120	27	
KS4X	30,072	83	11	12	106	28	
VE3IAE	23,552	69	5	117	191	23	
VA6RF	29,040	84	12	65	161	24	*
VE3XT	23,250	62	8	75	145	25	
VE3RTL	21,476	59	7	48	114	26	
NF8M	20,800	45	8	95	148	26	*
VE3AAQ	18,640	50	7	146	203	20	
W1PR	18,624	63	7	3	73	24	
VE3GFN	16,968	47	5	119	171	21	
W2RDS	16,236	54	8	19	81	22	
VA2RIO	15,696	42	9	27	78	24	*
VE3EP	15,532	39	9	68	116	22	
K8GT	11,080	36	5	47	88	20	
K6MI	9,400	31	7	10	48	20	
N1NN	8,160	33	2	70	105	16	
KD6WKY	7,740	33	8	13	54	15	
VE2AWR	7,470	27	5	64	96	15	
VE3SPF	7,224	44	2	18	64	14	
N7VS	7,208	22	7	32	61	17	*
VY2RAC	7,164	57	5	63	125	9	*
K8FZY	6,560	30	2	35	67	16	
VE1LS	6,240	23	7	10	40	16	*
AF5CC	5,180	24	4	25	53	14	*
EA8AQV	5,070	31	4	0	35	13	*
VE3EMB	4,110	23	1	12	36	15	
VY2MP	3,916	27	3	13	43	11	
VE3DMR	3,810	19	2	12	33	15	
VE3CNA	3,740	22	6	17	45	10	
NV9X	3,146	19	2	28	49	11	
UT1IM	2,422	16	1	83	100	7	*
VE4UR	2,320	14	4	6	24	10	
K6RM	2,160	18	3	0	21	9	
VO1BQ	1,908	13	1	31	45	9	
KC0DEB	1,800	13	1	0	14	12	
K6TIG	1,700	15	1	0	16	10	
VE3EXW	1,296	2	7	1	10	8	
DF2SD	700	10	2	0	12	5	*
W4BK	400	4	3	0	7	4	
RT9X	348	5	1	23	29	3	*
K5HM	328	6	1	1	8	4	
VE2HKW	22	2	0	1	3	1	

### Single Op All Bands QRP (SOABQRP)

Call Sign	Score	CDN	RAC	DX	QSOs	Mults	
K3TW	73,390	123	15	130	268	41	**
KS0MO	47,718	93	11	148	252	33	*
VA3RKM	31,320	58	7	75	140	36	*
VE3PYG	31,320	68	8	102	178	30	
VE3CW	20,340	43	7	54	104	30	

VA3PCJ	9,648	30	7	48	85	18	
VE7BQO	6,880	28	4	35	67	16	*
VA2SG	5,338	22	2	27	51	17	*
WB0IWG	5,220	37	6	16	59	10	
KE0G	4,972	32	2	46	80	11	
VE6BHO	3,744	21	2	19	42	13	*
VE6ZC	3,744	21	4	11	36	12	
VE3CQH	2,794	14	2	37	53	11	
VA2NB	1,944	14	2	18	34	9	

### Single Op All Bands SSB only (SOABPH)

Call Sign	Score	CDN	RAC	DX	QSOs	Mults	
VA6UK	90,936	256	12	284	552	27	**
VA7FC	56,836	159	11	188	358	26	*
VE3SY	54,270	144	11	175	330	27	*
VE3WBT	41,580	102	15	110	227	27	
VA3OK	38,304	184	11	167	362	16	
VA3MTT	35,856	93	9	192	294	24	
K5DHY	34,224	114	13	44	171	23	*
VA3YP	27,350	80	12	27	119	25	
VE1ZD	26,448	155	9	237	401	12	*
VE3SWS	18,814	47	11	64	122	23	
VA6AK	17,120	59	10	33	102	20	
VE7NS	15,928	51	8	27	86	22	*
VE5DLM	15,770	51	11	50	112	19	*
YO3CZW	14,388	90	0	204	294	11	*
W4SVO	13,702	92	2	47	141	13	*
VE4SBS	13,272	65	6	168	239	12	*
VE6QO	12,312	45	8	37	90	18	
VE6KG	11,514	35	11	18	64	19	
VE3ZUO	10,320	32	8	18	58	20	
VE7WWW	10,108	36	7	16	59	19	
K7XE	9,380	47	10	0	57	14	*
K7XE	9,380	47	10	0	57	14	
VE3AD	9,252	24	11	27	62	18	
W9QL	9,000	55	6	40	101	12	*
VA3GKO	8,760	47	2	37	86	15	
VE8GER	7,920	52	4	30	86	12	*
VA2BS	7,884	27	6	24	57	18	*
VA3GD	7,280	37	3	45	85	14	
VE7VAW	6,318	28	8	23	59	13	
VA3TPV	6,300	30	6	15	51	14	
VE6PLC	5,980	28	7	20	55	13	
VE9LMN	5,376	34	4	14	52	12	*
VA7AQD	5,160	27	2	17	46	15	
VA7XN	5,104	30	7	12	49	11	
NA2NY	4,632	25	5	18	48	12	*
VA2CO	4,422	31	3	16	50	11	
VE7RSV	4,296	21	6	14	41	12	
VE9REB	4,026	20	7	13	40	11	
VE4TCH	3,984	18	6	16	40	12	
VE7IR	3,850	19	6	20	45	11	
AG6AY	3,784	22	5	12	39	11	
VA3KHH	3,680	25	4	19	48	10	
PA1NHZ	3,618	32	1	31	64	9	*
VE9PLS	3,460	26	2	23	51	10	
VE2PDT	3,366	22	3	13	38	11	
VE3NQM	3,360	18	5	0	23	12	



VE3TLY	2,900	19	4	10	33	10	
KF0F	2,880	26	5	0	31	8	*
KE5ISO	2,808	19	5	11	35	9	*
VE2HAY	2,720	20	2	16	38	10	
PY5FO	2,628	20	4	6	30	9	*
KF5KHS	2,620	17	4	6	27	10	
OH6ECM	2,192	21	1	22	44	8	*
VE3SVQ	2,128	17	3	18	38	8	
KB1REQ	1,900	16	1	5	22	10	
KD0FW	1,890	19	3	10	32	7	
VE2ER	1,890	18	2	25	45	7	
VA3EEB	1,818	13	3	6	22	9	
K7KFB	1,680	12	4	5	21	8	*
CO2VE	1,616	12	3	11	26	8	*
VA3DBT	1,536	11	3	11	25	8	
ZX5ZZ	1,400	11	3	15	29	7	
AE2NG	1,260	10	3	10	23	7	
VA3IDL	1,140	9	4	10	23	6	
VE3OXX	1,050	12	1	5	18	7	
K6BSD	880	7	2	0	9	8	
VE6DKC	580	6	2	8	16	5	
W7KAM	500	6	2	0	8	5	
N6ENO	496	8	2	2	12	4	
orK7JKM	480	5	2	3	10	5	
KB1VUN	450	7	1	0	8	5	
N8ZKT	384	5	2	3	10	4	*
VE2DRO	340	4	1	4	9	5	
VE3RKS	336	4	2	2	8	4	
WC8Z	240	3	1	5	9	4	
VA3NW	100	5	0	0	5	2	
AC2HJ	14	0	0	7	7	1	
KC9UHH	4	0	0	2	2	1	

### Single Op All Bands CW only (SOABCW)

Call Sign	Score	CDN	RAC	DX	QSOs	Mults	
VE7JH	181,440	256	20	680	956	42	**
K4LTA	122,430	245	17	354	616	35	*
VE7XF	113,334	179	16	398	593	39	*
N6MA	91,938	185	17	298	500	33	*
N4BP	86,912	211	12	377	600	28	*
VE6BMX	84,116	153	12	352	517	34	*
VE1RGB	78,996	174	10	392	576	29	*
VE3USP	77,532	116	15	264	395	39	*
W9RE	73,150	152	7	215	374	35	*
VA7ST	61,432	126	14	327	467	28	
W6RLL	61,260	136	15	191	342	30	
K2ZR	44,224	84	9	181	274	32	*
VE4AEO	43,420	100	14	195	309	26	*
K4ORD	43,004	115	10	152	277	26	
N8BJQ	39,232	76	9	143	228	32	*
N4ZZ	38,732	126	6	152	284	23	
K5LG	37,248	111	11	111	233	24	*
K7WP	36,048	105	9	136	250	24	
W4YE	35,050	95	9	136	240	25	
VE7JKZ	30,272	86	9	168	263	22	
VA3ATT	25,532	66	5	111	182	26	
VE3MM	23,584	58	9	156	223	22	
NA4K	21,672	75	6	81	162	21	
KN4Y	17,176	70	8	22	100	19	

VE3XAT	16,986	49	9	112	170	19	
WB8JUI	15,770	54	6	85	145	19	
VE3FH	15,640	41	8	106	155	20	
KU8E	14,212	54	2	128	184	17	
N5KWN	13,620	62	5	94	161	15	
W4NZ	13,464	52	6	54	112	18	
K8MP	12,840	57	2	123	182	15	
W1QK	12,488	55	5	121	181	14	*
VE3LC	12,240	39	2	91	132	20	
VE3FJ	12,128	44	7	89	140	16	
VY2SS	11,228	50	2	131	183	14	*
W3DQN	10,470	42	6	79	127	15	*
VE3KAO	10,080	35	8	60	103	16	
NA4C	9,570	39	7	54	100	15	
VE4SN	9,452	40	6	18	64	17	
W5JBO	9,420	40	6	54	100	15	
NM5M	9,324	42	5	73	120	14	
W5LA	9,216	42	3	48	93	16	
K5ME	8,640	46	4	0	50	16	
W7GB	8,416	42	5	3	50	16	
KD8SAV	8,148	38	4	61	103	14	
K3HX	8,032	29	4	66	99	16	
K5YQF	7,840	37	6	0	43	16	
VA2WA	7,808	27	0	109	136	16	*
KB7N	7,700	34	4	65	103	14	
W5ASP	7,084	43	5	57	105	11	
UA2FL	6,732	44	1	144	189	9	*
KD2MX	6,660	27	3	57	87	15	
YO3ND	6,622	35	2	106	143	11	*
IK0GDG	5,520	25	2	131	158	10	*
N5ZO	5,016	29	5	33	67	11	*
KE2D	5,012	23	1	54	78	14	
K2NV	4,730	22	3	75	100	11	
WC7Q	4,708	28	3	44	75	11	
YO2GL	4,620	24	2	70	96	11	
NW0M	4,360	28	4	38	70	10	
W0GXA	4,120	30	4	16	50	10	
AF0E	4,080	16	4	50	70	12	
K6CSL	3,984	21	2	41	64	12	
EA8DA	3,924	23	2	83	108	9	*
OK2QX	3,880	19	3	69	91	10	*
KI0I	3,864	25	3	6	34	12	
K2MK	3,520	30	1	0	31	11	
YO9AGI	2,960	15	1	63	79	10	
S51DX	2,790	14	1	75	90	9	*
VA3RJ	2,740	13	5	22	40	10	
HA2MN	2,624	18	1	64	83	8	*
AB3LS	2,224	15	1	54	70	8	
VA3FN	2,220	13	2	26	41	10	
AB9CA	2,200	18	2	0	20	10	
VE3KQN	1,876	13	2	49	64	7	
K6DGW	1,848	19	1	27	47	7	
VE3/K2NV	1,840	12	1	45	58	8	
SP9GR	1,788	9	1	94	104	6	*
WG7Y	1,712	13	2	22	37	8	
NS9I	1,584	10	2	18	30	9	
UT3EK	1,476	10	0	73	83	6	*
HA1TI	1,430	10	1	83	94	5	
KE2VB	1,344	15	0	21	36	7	

G3LIK	1,320	10	2	40	52	6	*
JG3CQJ	1,272	11	2	31	44	6	*
YO4SI	1,260	9	2	40	51	6	
W6GMT	1,050	10	4	15	29	5	
N2UU	1,020	13	2	0	15	6	
DL7BY	438	8	1	23	32	3	*
SM5CSS	354	5	1	24	30	3	*
YO3GNF	348	6	0	57	63	2	
PA4N	318	5	1	18	24	3	*
DL8UAT	280	5	1	0	6	4	
VE7GM	264	4	2	4	10	3	
KB3SJQ	236	5	2	14	21	2	
DK0SU	216	5	0	11	16	3	
KC8UR	132	2	1	2	5	3	
OK2SWD	132	3	0	7	10	3	
DL3ZAI	74	0	1	27	28	1	
JA3JM	72	1	1	3	5	2	
PA5GU	72	0	1	26	27	1	
JA2CUS	60	2	0	5	7	2	
5B/HA5SE	46	2	0	13	15	1	*
ON3ND	36	0	0	18	18	1	*
N5PO	12	0	0	6	6	1	

### Single Op Single Band (SOSB)

Call Sign	Score	CDN	RAC	DX	QSOs	Mults	Band	Pwr
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### Band by band breakdown

Call Sign	Score	CDN	RAC	DX	QSOs	Mults	Band	Pwr
VA3PEN	3,654	25	4	38	67	9	15M	HP* *
VA3JWR	246	4	2	1	7	3	15M	LP
YO8BFC	54	1	0	22	23	1	15M	HP *
W4IX	127,380	430	15	595	1040	22	20M	HP* **
VE3KZ	109,250	326	13	615	954	23	20M	HP *
9A3B	57,596	178	7	349	534	22	20M	HP *
HC2AO	34,542	125	6	224	355	19	20M	HP *
NF8J	26,068	107	8	71	186	19	20M	LP *
UA1AFT	24,880	83	8	127	218	20	20M	HP* *
9A287R	23,674	84	5	153	242	19	20M	HP
VE5FX	21,582	173	5	66	244	11	20M	HP *
VO2NS	18,180	163	5	145	313	9	20M	HP *
VA7JW	16,866	143	4	182	329	9	20M	HP *
VO1QU	16,640	77	6	195	278	13	20M	LP
RA3Y	16,150	57	4	150	211	17	20M	HP
VE3HG	13,176	49	7	51	107	18	20M	QRP
VE1AYY	11,250	65	5	250	320	9	20M	LOW *
SQ2PHG	10,848	74	4	42	120	12	20M	HP* *
VA3ATW	10,344	60	5	81	146	12	20M	LP
ND2T	9,268	52	2	51	105	14	20M	HP *
VE9AA	8,688	41	3	127	171	12	20M	HP *
VE3CV	7,896	37	4	57	98	14	20M	LP
VA3GUY	7,480	58	5	34	97	10	20M	LP
UT7CA	7,368	39	1	102	142	12	20M	HP *
TG1B	6,974	37	2	112	151	11	20M	LP *
W6AFA	6,500	7	0	290	297	10	20M	HP
K7JQ	6,288	35	5	37	77	12	20M	HP *
VE1SQ	5,598	46	5	31	82	9	20M	LP

VE3EY	4,248	29	2	71	102	9	20M	LP	
VA3RSX	3,652	23	4	11	38	11	20M	Any	
VE1JS	3,504	44	3	42	89	6	20M	HP	
CX2DK	2,416	18	4	21	43	8	20M	HP	*
HA3OD	2,408	17	2	67	86	7	20M	HP	*
AE1T	2,380	13	3	24	40	10	20M	LP	*
SP1RKT	2,286	16	3	17	36	9	20M	HP	
VA4CQD	2,208	20	2	18	40	8	20M	QRP	*
VE7NI	2,120	13	1	31	45	10	20M	LP	
W0PAN	2,064	24	4	12	40	6	20M	LP	
VE7PKE	1,792	17	3	13	33	7	20M	LP	
HA3MU	1,728	14	1	64	79	6	20M	LP	
VE3SS	1,620	19	3	10	32	6	20M	HP	
AC0UK	1,568	16	2	12	30	7	20M	HP*	*
RA3NC	1,500	10	2	55	67	6	20M	HP	
N5RZ	1,416	15	1	33	49	6	20M	LP	*
UT5UIA	1,404	10	3	37	50	6	20M	LP	
K9OSC	1,380	19	2	0	21	6	20M	QRP	
DL1CW	1,330	11	2	58	71	5	20M	LP	*
VA2UTC	1,232	10	1	17	28	8	20M	LP	*
TF3DC	1,200	19	0	25	44	5	20M	LP	*
WB3CII	1,008	9	1	17	27	7	20M	LP	*
VE5BCS	980	14	2	8	24	5	20M	LP	
RA1TV	940	6	0	64	70	5	20M	LP	
N9FN/M	924	9	2	1	12	7	20M	LP	*
VE2/KD2JA	890	12	2	9	23	5	20M	LP	
OH5TS	810	10	0	31	41	5	20M	LP	*
VE5AAD	648	12	1	11	24	4	20M	ANY	
VE5WD	530	6	2	3	11	5	20M	LP	
HC1JQ	510	7	1	6	14	5	20M	HP	
N0LVA	500	8	1	0	9	5	20M	LP	
VA7IR	496	8	1	12	21	4	20M	QRP	
UA4L	480	10	1	20	31	3	20M	HP	
VE2PIJ	470	6	1	7	14	5	20M	HP*	
RO5O	380	5	0	13	18	5	20M	LP	*
L33M	344	6	0	13	19	4	20M	LP	*
YO4RHK	336	3	0	69	72	2	20M	LP	*
VE2HLS	306	6	0	21	27	3	20M	LP	
N9BT	304	4	1	8	13	4	20M	QRP	
DL5KUR	300	8	1	0	9	3	20M	LP	
AL1G	282	8	0	7	15	3	20M	HP	*
N0ICV/9	280	3	2	0	5	4	20M	LP	
KJ6MBW	280	3	2	0	5	4	20M	HP	
VE3EDX	210	3	1	10	14	3	20M	QRP	
RW3AI	208	3	0	37	40	2	20M	LP	
UA8WAA	198	5	0	8	13	3	20M	HP	
KJ4VTH	190	15	2	0	17	1	20M	LP	
PA0MIR	152	3	0	23	26	2	20M	LP	*
W7SLS	132	2	1	2	5	3	20M	LP	
OH1TD	132	3	0	7	10	3	20M	HP	
NI4NN	120	2	1	0	3	3	20M	LP	
RW1CW	120	5	0	5	10	2	20M	HP	
VA7MM	104	4	0	6	10	2	20M	QRP	
VK4TT	88	2	0	12	14	2	20M	LP	*
EW8OF	84	3	0	6	9	2	20M	LP	*
UR6LAF	76	0	1	28	29	1	20M	LP	
VE3NLE	72	1	1	3	5	2	20M	LP	
4Z5PJ	72	2	0	8	10	2	20M	LP	*
AD1L	60	3	0	0	3	2	20M	LP	

VE5DLD	58	3	1	4	8	1	20M	LP	
SP3AZO	42	3	0	6	9	1	20M	LP	
CT2JBG	38	3	0	4	7	1	20M	QRP	*
DU1XX	20	0	1	0	1	1	20M	LP	*
ES8SX	14	0	0	7	7	1	20M	LP	*
OK2BEN	14	1	0	2	3	1	20M	HP	*
AA7CU	12	1	0	1	2	1	20M	HP*	
OZ7DK	12	0	0	6	6	1	20M	LP	*
VE2FXL	10	1	0	0	1	1	20M	HP	
JL2OGZ/2	10	1	0	0	1	1	20M	LP	*
LZ2FM	8	0	0	4	4	1	20M	LP	*
U1BD	4	0	0	2	2	1	20M	HP	
F4GFT	2	0	0	1	1	1	20M	LP	*
EA8CNR	2	0	0	1	1	1	20M	LP	*
VA3KUG	31,616	126	6	298	430	16	40M	LP	*
K9WX	11,760	64	7	100	171	12	40M	LP	*
VE3NZ	11,180	66	2	209	277	10	40M	HP	
W8IQ	9,268	44	5	61	110	14	40M	QRP	*
VE3SB	4,080	22	3	30	55	12	40M	LP	
VE3PYJ	2,502	16	4	19	39	9	40M	LP	
KB6NU	1,032	18	0	39	57	4	40M	LP	
W6RKC	820	12	0	22	34	5	40M	HP	*
KE7FQJ	192	2	2	2	6	3	40M	HP*	*
BA4TB	26	0	1	3	4	1	40M	LP	*
K9FH	20	0	1	0	1	1	40M	HP	
YO2MJZ	4	0	0	2	2	1	40M	HP*	*
VE9RLW	5,340	42	5	7	54	10	80M	LP	*
VE3OSZ	1,932	22	1	41	64	6	80M	LP	*
N6RO	798	8	1	7	16	7	160M	HP	*

### Multi Operator Single Transmitter High Power (MOSTHP)

Call Sign	Score	CDN	RAC	DX	QSOs	Mults	
VE9HF	253,368	331	19	501	851	54	**
VE1LD	223,110	375	20	404	799	45	*
N2BJ	217,098	252	28	183	463	63	*
WA2BCK	150,300	224	16	223	463	50	*
N4DW	102,712	194	13	288	495	37	
VE7BFC	93,438	243	14	256	513	29	*
N5CW	40,480	118	7	220	345	23	*
WB0TEV	33,744	140	10	88	238	19	
W1UJ	31,504	85	8	211	304	22	*
VE3VZ	27,236	92	11	49	152	22	*
N4AF	17,856	68	7	86	161	18	
G3ORY	13,244	59	6	118	183	14	*
K1SD	9,180	33	8	10	51	18	
PI4DX	8,512	34	3	66	103	16	*
K4IU	5,124	23	4	28	55	14	*
W4VIC	4,000	32	4	0	36	10	
VE3SSR	3,260	18	2	53	73	10	
N3QE	3,096	17	4	4	25	12	*
NK6A	3,060	19	4	18	41	10	*
N2NS	2,860	19	2	15	36	11	
S59T	360	5	0	35	40	3	*
WA3AAN	280	4	1	5	10	4	

**Multi Operator Single Transmitter Low Power (MOSTLP)**

Call Sign	Score	CDN	RAC	DX	QSOs	Mults	
VE9ML	432,864	430	33	526	989	72	**
VE3MIS	337,172	270	32	464	766	79	*
VA7BEC	203,262	243	23	338	604	57	*
VE4EA	131,700	157	31	222	410	50	*
VE5RAC	113,692	166	20	292	478	43	*
VA3KAI	97,760	131	14	145	290	52	
VE9OA	67,394	151	13	202	366	31	
VE7NA	29,176	59	16	66	141	28	
K0PY	25,104	75	11	38	124	24	*
VE3JDF	16,650	45	9	18	72	25	
K5MXG	14,352	38	8	42	88	23	*
VE3VV	13,938	32	12	23	67	23	
VE3HEU	10,290	52	2	63	117	15	
N4AAI	6,838	37	2	58	97	13	*
WK2T	6,552	31	2	77	110	13	*
VE3AKJ	5,880	23	8	15	46	14	
YU1FG	3,660	19	1	78	98	10	*
VA3JLF	2,760	13	4	10	27	12	
N3NZ	1,856	16	2	16	34	8	*
N3UA	1,792	16	2	12	30	8	
SP1MHZ	1,240	17	1	29	47	5	*

**Multi Operator Multiple Transmitter (MOMT)**

Call Sign	Score	CDN	RAC	DX	QSOs	Mults	
VA3RAC	782,130	562	31	1085	1678	93	**
VE6SV	779,940	571	47	1008	1626	90	*
VE7RAC	435,774	508	27	883	1418	59	*
VE6RAC	366,230	538	16	605	1159	53	
VE5RI	220,992	348	18	382	748	48	*
VE3DC	213,174	415	17	488	920	39	
VE6AO	198,326	200	17	701	918	53	
VA2RAC	187,044	381	11	383	775	39	*
VE7NSR	19,458	51	10	68	129	23	
VE9RAC	6,384	33	6	41	80	12	*
VA2BCA	1,148	10	2	12	24	7	*