

RAC CANADA WINTER CONTEST – 2004 RESULTS

By Sam Ferris, VE5SF, Bart Ritchie VE5CPU and Bruce Rattray VE5RC/VE5QRP

The Canada Winter Contest for 2004 ran early this year because of the overlap with the holidays. With 328 entrants, the contest proved to be a successful one, but down in participation from last year. Once again conditions for the contest continued to show the decline in the sunspot cycle. Eighty metres was good the first evening with 40 going long early. Activity was obviously down on 10 metres with only one entrant and overall few QSO's on the band in comparison with past years. Only one record was established this year – on 160 metres by Brian Campbell, VE3MGY who improved his record of last year with a score of 20,570 points.

SINGLE OP ALL BANDS HIGH POWER

Once again Jason Goldsberry (N5NU) captured the first place SO-AB-HP, but this time operating from Alberta from the QTH of Gord Kosmenko, VE6SV with a score of 715,540. Second went to Bart Ritchie VE5CPU with a score of 528,150. Ken Asmus, VA3KA took 3rd place while Garry Hammond VE3XN joined the top scorers in 4th place. Neil King, VA7DX, captured fifth place in the SOABHP category.

SINGLE OP ALL BANDS LOW POWER

Yuri Onipko captured first place in the Winter contest with a score of 662,136 with a close win over second place entrant Sam Ferris, VE5SF with a score of 636,144. Multipliers made all the difference to Yuri in the most popular SOABLP category. Sylvan Katz, VE5ZX again captured 3rd place in the winter contest repeating his top five performance of last year. Chris Lorantfy, VA3NR took 4th place while Doug Freestone VE5UF took 5th.

SINGLE OP SINGLE BAND

With a score of 88,850 Bob Nash, VE3KZ took away the SOSB crown from Louis Paquet, VE2BQB who captured second place with a score of 79,248. Both Bob and Louis entered the contest using the 20 metre band. Brian Campbell, VE3MGY, active in top band (160M) took first place and established a new record for the band in the winter contest. Once again Ken Keeler, N6RO, captured 1st place in 80M with a score of 44,640 using high power. Roger Sturtevant, VE1SKY took first place on 40 metres with a low power entry scoring 15,624. Honours for 15 metre Single-Op were taken by John Kanode, N4MM from Virginia. JA7OWD was the only entrant for 10 metres. Ted Grisley, VA3TSG was the only entrant in for 50 MHz SO-SB. During 2004, all single bands categories except 2 metres had entries.

SINGLE OP – QRP

Doug Ferris, VA3DF captured first place in the SO-AB-QRP category with a score of 152,308. Second and third places

were relatively close with Thomas Warren K3TW, edging out Jeff Hetherington, VC3W by about 10,000 points. Dave Fischer, NJ4X took 4th place this year with a good score of 52,316, ahead of Barry Ploof, VE6BMX in 5th.

MULTI-OPERATOR SINGLE-TRANSMITTER HIGH POWER

This year operators of Contest Club Ontario at VE3RM, claimed the Multi-single high power category with a score of 403,848. Second place in the category went to the operators of the Calgary Amateur Radio Association (VE6AO) with a score of 337,412.

MULTI-OPERATOR SINGLE-TRANSMITTER LOW POWER

Once again the operators of CRAQ CLUB R.A. DE

QUEBEC at VE2CQ took top honours in the popular

new Multi-Single Low Power category with a score of

235,228. Operators at VE9RAC (Loyalist City) took

second place with a score of 142,352.

MULTI-OPERATOR MULTI-TRANSMITTER

In a repeat performance, operators of VE6RAC from the QTH of Don Moman (VE6JY) captured the MM category with score of 1,184,262. Operators of the Stoney Creek Radio Club at VE3YAA took second place in the category with a score of 1,033,396. VE3YAA captures the plaque however, since contest plaques cannot be awarded to stations running RAC call signs.

CANADA WINTER CONTEST – 2004

Your contest managers sincerely appreciate the increased use of Cabrillo based log entries. Cabrillo files significantly reduce the workload associated with producing the contest results. Current versions of popular contest programs such as CT and NA produce Cabrillo files that can be readily handled by our scoring software. Dedicated free of cost, DOS based software available from the RAC website also produces readily usable reports. The "TR" contest software also produces Cabrillo format which can be adapted with a little work. As in the past we will continue to accept paper logs and other electronic logging formats so it is easy for everyone to send in an entry. As we continue to develop

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log-checking processes, we would appreciate, if possible, receiving your Cabrillo logs and summary sheets providing a breakdown of VE, RAC, DX contact and a multiplier total. This will make compiling and checking of logs an easier and quicker process.

Thanks to all for participating in the 2004 running of the Canada Winter Contest and good luck in 2005.

73 Sam, VE5SF
Bart, VE5CPU
Bruce, VE5RC/VE5QRP

CALL	Operators
AA3B	Cluster
EA4RCT	EA4RF, EA4PL, EA4RCT club
K7VV	Not Specified
KA6BIM	Cluster
VA3ARG	VE3UDK, VA3TRL, VE3HKO, VA3ADF, VA3DYF
VA3MAH	VA3MAH, VE3TPZ
VA3PB	VA3PG, VA3OG
VA3QR	VA3QR, VA3MEW
VA3RAC	VE3BNO, VE3CDG, VE3EV, VE3FFK, VE3HVA, VE3IGJ, VA3PAX, VA3TLY, VE3WTJ, VE3YTZ
VC3W	VA3JFF - Op
VC9COAL	VE9WGS - Op
VE1LD	VE1LD, VE1FA, VA1YL, VE1WT, VE1MT, VE1QY
VE1RAC	VE1AI - Op
VE2CQ	VE2AWR, VE2GWL, VE2TKH
VE3CTP	VE3CTP, VA3AVP
VE3DC	VA3QI VE3GCP VA3DJ
VE3RM	VE3RM, VE3WIB, VA3ISP
VE3SWA	VE3BHZ, VE3OAV, VA3MP
VE3YAA	VA3YP, VE3VZ, VE3SS, VE3NFR, VA3ATT, VE3KAO, VA3YDX, VE3GKW, VA3QP, ER1MF, VE3SSR
VE4RAC	VE4GF, VE4SN
VE5RAC	VE5FN, VE5WI, VA6ZZZ, VE6BBP, VE6EZ
VE6AO	VE6KC, VE6BIR, VE6PR, VA6JDM
VE6RAC	VE6JY, VA6HGS, VE6JTM, VE6SRV, VE6AAT, VE6BF, VE6DYB, VE6MAA, VA6DX, VE6LAF, VE6AEW
VE6SV	N5NU - Op
VE6ZA	VE6RSS, VE6NWR, VE6ZA

VE7FO	VE7FO
VE7NA	VE7JLO, VE7GDE, VE7BSM, VA7PLH
VE7OGO	VE7MVF VE7KNK VA7RY
VE7RAW	Salmon Arm Seniors' ARC
VE9CRM	VE9GJL, VE2PQC, VE1MAM, VE9GLP, VE9MCG
VE9RAC	VE9WH, VE9MY, VE9GLF, VE9CKR, VE1ASE, VE9JW, VE9DS0, VE9MW, VE9TNT
VO1RAC	VO1HE, VO1TA, VO1VZ, VO1VCE, VO1LIN, VO1CLT, VO1EJW, VO1SA, VO1LCT, VO1DD, VO1KAC, VO1AU, VO1HC, VO1HO, VO1UF
VY1RAC	VY1CQ, VY1YT, VY1BD
VY2RAC	VY2SS - Op
W8BD	N8UOO K8NQC

RANDOM COMMENTS

EA8CN: Just a temporary antenna of 4 metres since ordinary down due to works on the roof. See you next year.; **EI6HQ:** First try at the all band section. Need to improve on getting more VE's in log than other stations. Will have to brush up on my rust CW also. Will be back next year better prepared for next year. Will have to set target score to get to.; **G3ORY:** The propagation dictated that my entry is almost a single band entry this year. Lots of fun as usual; **G3PJT:** Terrible conditions and forgot to get up early !; **G3VAO:** My world stopped at 18:05 when my PC only showed the first 12 QSOs - 20 hours later I had found the rest and rebuilt the log!! Proof that regular backups do work!!; **K0HW:** I was unable to work the entire contest this year so I made as many contacts as I could on 20M in the time I had. Thank You for the contest.; **K2EKM:** Operating first time in RAC contest. Conditions seemed ok, and enjoyed the 2.5 hrs spent in it; **K2TA:** What a fun contest! Even with 5W it was a blast!; **K3TW:** I really enjoyed operating in this contest with QRP. Many thanks to all the fine Canadian operators.; **KA8Q:** My first try at this contest. Very nice to have a contest where the participants take the time to exchange pleasantries. Enjoyed it very much.; **KC2LYQ:** Great contest! This was my 1st time doing the RAC Winter, and I really liked the unique type of multiplier system for this contest!; **N0AX:** This was a good weekend for low-band contests! See you next December.; **NT2A:** Thank you for the nice contest.; **UA3LHL:** TNX. CU next year.; **VA3EC:** Good fun! Visitors slowed me down.; **VA3IX:** RAC TESTS ALWAYS FUN!; **VA3MAH:** Noticed Far Less Participation this year than other years. We put a new Antenna for 160 up this year which was a new band for us to experiment in. Also did some CW which was new

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for us this year; VA5SAM: Working QRP was a lot of fun, but I found out that the Yaesu FT-817 is not a very good contest rig, especially without any filters... and just about useless on SSB. 73.; VA7DX: As usual lots of fun.; VE1AWP: Please make a cw only division for next year; VE1SKY: great way to recuperate from a recently ruptured appendix. SOSB seemed in keeping with the mandatory rest periods ordered by the doctor. Still, I don't think I'll tell him what I was doing so close to being discharged from hospital...hi. It was nice touching base with so many of you on a band I rarely work. The band opened during the last hour to the West Coast. I didn't get Yukon, NWT or NT, nor PEI (skip zone?), but the mults certainly picked up toward the final minutes of this fine event.; VE1TWB: Had fun in the contest and enjoyed working the aeronautical mobile; VE1ZA: 80M WAS GREAT!!; VE3CTP: Great contest!! Will participate again.; VE3DC: This time it's not old man Murphy that we have to blame but the wind storm a few days before the contest... see more comments on the web version; VE3JAQ: Sure is great to work your own country men and get points for it!; VE3KZ: Always have spare fuses handy! Spent most of Saturday morning at 150W before going out to Radio Shack! Luckily just fuse fatigue in the amplifier, no noise and smoke!; VE3LAW: Good Contest this year nice to see more activity on 160m.; VE3RCN: Nice to talk to all the people who knew Skip, the previous owner of this call sign with the Sea Cadets.; VE3WMB: Conditions were not great but I still managed 15 QSOs on 40M CW in two hours of operating, running only 900 milliwatts.; VE3YAA: We started off with a lot of antenna and network problems but managed to work through most of them. The band conditions were not good as 10 and 15 never really took off for us throughout the entire contest. A real pleasure talking to all of the stations we have worked over the years. Thanks to everyone for a fun contest and see you all again in July!!; VE4XT: always a fun contest. bands sucked.; VE4YU: No VE8 heard and only one PEI and three NB. Very little DX heard. Interesting propagation. Always a fun contest. TS950, 150W here.; VE5FX: AS ALWAYS, A NICE WINTER EXERCISE.; VE5RAC: Condx were reasonable considering the stage of the sunspot cycle, but quite erratic over the course of the contest. Our station hosts at the VE5WI QTH did a house addition and renovation over the summer so a complete station rebuild was necessary on the day before the contest - just finished in the nick of time. Many QSOs with old friends. Great!!; VE6FI: First time is a full RAC contest. Glad to meet so many people. Conditions could be better but were OK for this time in the cycle.; VE6FN: Contest would have been better placed as previously over the holidays. Too hectic at this earlier time. No

10 meter opening. Was enjoyable to enter again.; VE6SV: A first for the VE6SV station to have a guest operator do a SOAB effort. Jason N5NU, braved the local winter and the long trip from Southern Texas to operate the 2004 RAC Winter Contest. N5NU & Gord, VE6SV; VE7FO: I went M/M because I wanted to use spots and didn't want to be bothered with the 10 minute rule; VE7IO: Band conditions were not the best however it was an enjoyable 24 hours. I had a 45-minute power outage at about 1715 Z, what luck. I worked a Canadian sailboat in the Bahamas who reported air temperature of 27C and water temperature of 27 C. Not quite that warm in BC that day. Thanks to all the stations who were there for me to work. 73, Fred; VE7WU: Not a signal on 10 mtrs, and very few on 15 mtrs. 20 mtrs and 40 mtrs were the power house. 160 very noisy but could have supported more activity. Enjoyed myself but glad to get up and get outside to move about with 30 minutes of sunshine, after qrt time. 73 fellows and gals.; VE7WWW: t's nice to have the contest prior to Christmas, even though the bands weren't that good I had lots of fun and met new and old friends on the air.; VE7XF: My kingdom for a "standard" Cabrillo format. (AGREED! – VE5SF); VE9CRM: Thanks for the contest. We had a lot of fun. Waiting for the next one. Happy holidays.; VO1RAC: Bands not great but a fun time nonetheless.; VY2RAC: You have to work harder with 100W and a vertical!; W1AJT/VE3: I used a Hamstick (7ft Mobile Vertical) clamped to balcony railing and I am blocked by buildings from NE counterclockwise to South. Still fun; I hope everyone had a great time.; W1END: Always enjoy this and the Canada Day contest. Nice to hear so much activity. I'll be back.; WT6G: First time I ever tried the RAC contest and it was very enjoyable. Canadians were relaxed, courteous, and good operators. Next year this contest will be on my 'must do' list. 73

More comments and feedback available at the RAC website...

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CALL	CDN	RAC	DX	MULT	QSO's	SCORE
VE3DZ	543	43	377	94	963	662,136 **
VE5SF	586	31	416	87	1033	636,144 *
VE5ZX	434	28	453	77	915	447,062
VA3NR	391	39	228	77	658	396,242
VE5UF	414	20	404	71	838	379,708
VE3WG	395	23	227	74	645	359,936
VE7XF	337	32	225	75	594	334,500 *
VE3CR	265	34	105	67	404	237,180
VY2RAC	341	18	328	50	687	221,300
VE3KP	208	32	212	68	452	213,792
VE3RCN	252	29	89	61	370	199,958
NT2A	237	31	108	60	376	192,360 *
VE3XD	254	24	186	56	464	189,952
VE1OP	272	18	307	47	597	173,618 *
VE3GLO	223	23	169	57	415	172,596
VE3LAW	194	19	102	59	315	148,916
VE3XAT	184	26	86	51	296	129,132
VE1AWP	227	16	173	43	416	126,248
VE1RGB	203	17	357	40	577	123,360
VA3YY	189	18	54	50	261	117,900
VE3FGU	167	16	139	51	322	115,668
N2CU	155	19	130	52	304	113,880
VE7NS	156	21	119	49	296	108,682
VE3TW	172	20	51	48	243	106,656
N0AC	226	16	169	35	411	102,130*
VE3JAQ	164	13	142	46	319	100,464
VE3JM	131	18	112	53	261	100,382
VE3CES	145	15	79	52	239	99,216
VE1DHD	278	17	187	28	482	97,832
K5NZ	190	14	96	40	300	94,880*
VA3EC	111	21	96	55	228	94,710
VE7WU	129	20	31	54	180	94,608
VA3PL	135	19	132	47	286	93,718
VE5MX	138	12	199	45	349	90,810
VE3OKS	102	24	29	49	155	76,342
VE3EBN	123	16	68	43	207	72,498
VE6AFO	155	10	76	38	241	72,276 *
VE4HAZ	220	14	67	27	301	70,578 *
N0UV	150	12	44	36	206	65,808
VA3SX	104	22	22	43	148	65,532
K0JPL	116	20	27	40	163	64,560
VE3VMP	121	22	44	36	187	62,568
EI9HQ	154	13	289	26	456	61,828 *
AC0W	107	16	0	44	123	61,160
VA3JNO	128	9	71	38	208	60,876
VA3SWG	130	10	27	39	167	60,606
VE3RZ	106	14	80	40	200	60,000
VE3XRC	189	14	11	27	214	59,184
VE3NQM	136	18	8	34	162	59,024
W1AJT/VE3	109	18	35	38	162	57,760
VA1CHP	183	16	74	25	273	57,450
K4UK	97	17	11	42	125	55,944 *
VE3AAS	119	14	0	38	133	55,860
VA3OX	123	13	48	35	184	55,510
VE6TN	84	12	68	41	164	49,856

K8MR	78	14	1	46	93	48,852 *
VA3XRZ	92	13	70	36	175	47,520
VA7ST	113	7	140	30	260	46,500
AA4FU	96	15	40	32	151	42,880
VE3XL	84	11	59	35	154	41,230
W6AFA	174	11	43	20	228	40,920 *
VE9NC	91	14	18	33	123	40,458 *
VC9COAL	134	12	59	22	205	37,356
VE9DX	100	11	162	24	273	37,056
VE3JAH	89	15	11	28	115	33,936
K0GEO	83	13	0	29	96	31,610
NS3T	83	6	47	30	136	31,320 *
K4LTA	85	7	64	25	156	27,950
VA6XDX	77	6	124	24	207	27,312
K4WW	72	12	41	26	125	27,092
VE3RLO	80	10	0	27	90	27,000
W2LHL	70	11	0	29	81	26,680
VE1ZA	101	9	40	21	150	26,670
VA3GGF	104	12	20	20	136	26,400
VE3GNU	90	13	11	22	114	26,004
VE5AAD	81	3	63	26	147	25,896
N8XD	54	15	7	30	76	25,620
G3VAO	115	7	63	18	185	25,488 *
VE3UKR	77	10	42	24	129	25,296
W1END	60	14	60	24	134	24,000 *
VE4XT	75	7	95	22	177	23,760
K8GT	48	11	0	31	59	21,700
VE3EVV	80	12	13	20	105	21,320
W5KL	65	7	28	25	100	21,150
VE6RL	48	9	26	26	83	18,512
VA7MJR	94	4	52	16	150	17,984
VA3HUN	46	7	21	28	74	17,976
VE3LFA	40	14	17	25	71	17,850
G0MTN	3	1	331	24	335	17,088
VE1AN	87	9	5	16	101	16,960
VE2QIP	69	8	23	17	100	15,232 *
VE3GKB	35	12	4	24	51	14,352
VA3ZO	57	12	11	17	80	14,144
VA3IX	55	5	26	20	86	14,040
VE7WWW	64	4	20	18	88	13,680
WB8JUI	51	7	0	21	58	13,650
VE5JZ	46	3	30	23	79	13,340
VE3NQK	48	11	2	18	61	12,672
VE3EJ	33	7	11	25	51	12,300
KE6QR	45	8	7	19	60	11,856
K0LWV	39	7	10	20	56	11,000
VE3JW	36	8	18	19	62	10,564
VE9CX	42	9	7	17	58	10,438
VE2DWA	36	5	14	20	55	9,760
VE1KB/VE9	43	8	42	14	93	9,436
AF4OX	39	4	1	19	44	8,968
VE3DWH	35	7	12	17	54	8,738
K1VU	41	8	0	14	49	7,980
VE7DCY	43	4	11	14	58	7,448
VE3JDF	37	6	11	13	54	6,656
VA7MM	34	1	15	17	50	6,630
VA2IC	64	0	0	9	64	5,760

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VE2BIA	29	5	9	14	43	5,712	KU5S	187	21	23	52	231	121,472 *
VE3QLQ	26	4	2	16	32	5,504	KO7X	206	9	128	46	343	114,816 *
K7PRW	35	4	0	12	39	5,160 *	K4BAI	194	16	197	43	407	114,122 *
VA3NOE	24	4	5	13	33	4,290	VE7IO	258	13	36	35	307	101,920
WA4OSD	22	5	0	13	27	4,160	VO1BC	310	10	303	26	623	101,556
VE3TSC	27	5	1	11	33	4,092	VE6FN	256	12	39	35	307	100,730
NF8M	17	5	0	15	22	4,050	K5XR	229	18	95	31	342	88,040
VE3TLY	46	3	18	7	67	3,892	N2BJ	228	17	46	32	291	86,784
VE3SBC	21	4	2	13	27	3,822	VE2FPD	239	13	110	29	362	83,230 *
EA8CR	16	3	21	13	40	3,406 *	VA2RC	167	17	107	34	291	75,616
K0CIE	20	3	0	13	23	3,380	W9RE	107	16	11	47	134	66,364
VE8NSD	31	3	25	8	59	3,360 *	VA6RC	144	15	305	24	464	56,400
VA2BMG	16	4	16	11	36	2,992	VE7CI	126	11	89	32	226	53,056
VE3UR	19	5	4	10	28	2,980	N4DW	81	14	54	35	149	41,930
F5UKL	18	2	35	10	55	2,900 *	W4NBS	91	15	19	32	125	39,936
VE3WO	18	3	24	10	45	2,880	VY1MB	129	5	161	23	295	39,376 *
K1EP	16	5	0	11	21	2,860	VA7JW	110	9	89	27	208	39,366
VY0DU	20	3	0	11	23	2,860 *	VO1JUL	79	14	7	26	100	28,184
W8KNO	21	3	0	10	24	2,700	G3ORY	84	11	89	22	184	27,236 *
KC2LYQ	22	2	18	8	42	2,368	VE4GOM	60	4	6	39	70	26,988
KD5JAA	21	1	0	10	22	2,300	AL1G	103	6	103	18	212	24,408 *
EA1CS	16	3	43	7	62	2,142 *	VO1MX	87	12	10	21	109	23,730
KB8UUZ	11	6	0	9	17	2,070	W4BQF	84	7	48	20	139	21,520
K4LW	13	3	0	10	16	1,900	VE3HG	144	7	30	13	181	21,320
N1XS	20	2	5	7	27	1,750	KA8Q	62	12	14	24	88	21,312
W0QQS	19	2	0	7	21	1,610	K0KX*	54	5	8	28	67	18,368
KA6R	15	3	3	7	21	1,512	W7BBC	55	8	3	25	66	17,900
K2HT	11	2	0	9	13	1,350	VE1TWB	74	4	56	18	134	16,776 *
YU1FG	4	2	79	5	85	1,190 *	WD0BMS	50	9	17	23	76	16,422
N8UZE	7	3	1	9	11	1,188	K3WW	33	4	141	21	178	14,532 *
LR1A	9	3	6	5	18	810 *	K4GM*	51	9	18	20	78	14,520
NE1RD	7	3	3	5	13	680	K1GU	67	4	35	17	106	13,940
N3XL	9	1	10	5	20	650	K4IU	35	8	13	24	56	12,864
AD4AX	11	0	6	5	17	610	WT6G	44	2	11	20	57	10,040 *
K0COP	8	0	12	5	20	520	VE2DSK	33	10	5	18	48	9,720
EA7EWX	6	1	4	3	11	264	KC2MDQ*	19	9	0	15	28	5,550 *
VA2PBS	4	1	0	4	5	240	VA3OBR	22	6	5	14	33	4,900
RK4HD	2	0	14	2	16	96 *	G3PJT	22	4	20	13	46	4,420
IZ5DKF	3	0	6	2	9	84 *	AE7DX	21	3	1	12	25	3,264
YL3DX	1	0	12	1	13	34 *	GW4BLE	21	3	0	11	24	2,970 *

SINGLE OP ALL BANDS HIGH POWER

CALL	CDN	RAC	DX	MULT	QSO's	SCORE
VE6SV	566	42	516	95	1124	715,540 **
VE5CPU	620	23	191	75	834	528,150 *
VA3KA	350	32	292	78	674	368,472 *
VE3XN	350	29	161	82	540	360,964
VA7DX	335	21	428	78	784	360,828 *
VE6FI	480	32	213	58	725	340,228
VE1RAC	374	14	406	54	794	260,928
VE4YU	248	29	112	67	389	220,028 *
VO1MP	294	22	234	54	550	207,792 *
VE5FX	361	14	227	41	602	178,104
VE6SF	208	15	238	59	461	168,504
VE7ZBK	285	12	215	41	512	144,320
W9IU	191	21	58	52	270	127,192 *
AE9B	201	18	56	51	275	126,582 *

SINGLE OPERATOR ALL BANDS – QRP

CALL	CDN	RAC	DX	MULT	QSO's	SCORE
VA3DF	190	27	93	58	310	152,308 **

Call* Assumed High Power

RAC CANADA WINTER CONTEST – 2004 RESULTS

By Sam Ferris, VE5SF, Bart Ritchie VE5CPU and Bruce Rattray VE5RC/VE5QRP

K3TW	132	15	72	46	219	81,144 *
VC3W	110	22	56	43	188	71,036
NJ4X	135	12	107	29	254	52,316 *
VE6BMX	113	19	15	33	147	50,820 *
VE5QRP	96	9	29	42	134	50,316 *
VE3LMS	71	20	22	35	113	40,390
K4ORD	85	17	57	30	159	39,120 *
VE3AKY	109	7	5	25	121	31,000
K4AQ	75	11	26	26	112	26,572
K3WWP	53	7	29	21	89	15,288
NU4B	42	9	20	23	71	14,720
VE3UZL	38	12	3	21	53	13,146
K8DDB	38	8	-	22	46	11,880 *
VA5SAM	42	9	12	19	63	11,856
AD6GI	46	9	0	16	55	10,240 *
K2EKM	35	6	2	21	43	9,954
VE3KQN	32	4	81	17	117	9,554
VE3SMA	39	4	16	19	59	9,538
K8ZT	25	8	0	23	33	9,430
K4JSI	28	6	6	18	40	7,416
K2TA	29	7	0	16	36	6,880 *
VE3VHY	28	8	4	11	40	4,928
N2JNZ	24	4	7	10	35	3,340
WA8REI	15	1	8	14	24	2,604
NX8A	15	5	0	9	20	2,250
K6III	16	1	6	10	23	1,920
KI4FWE	18	2	0	8	20	1,760
AL7FS	5	1	1	3	7	216 *
RW3AI	0	0	58	0	58	116 *

SINGLE OPERATOR SINGLE BAND ANY POWER

CALL	CLASS	CDN	RAC	DX	MULT	QSO's	SCORE
VA3TSG	6-LP	4	0	1	1	5	42 *
JA7OWD	10-HP	1	0	2	1	3	14 *
N4MM	15-HP	10	4	7	7	21	1,358 *
SQ9FMU	15-LP	2	0	0	2	2	40 *
JD1BIA	15-HP*	0	1	0	1	1	20 *
VE3KZ	20-HP	275	11	292	25	578	88,850 **
VE2BQB	20-HP	243	13	306	24	562	79,248 *
VE6EX	20-LP	216	12	414	23	642	74,244 *
VE7XT	20-HP	204	10	334	20	548	58,160 *
VE7NI	20-HP*	73	5	78	18	156	17,748
VE3VHH	20-LP	104	5	92	13	201	17,212
K0HW	20-HP	94	2	39	16	135	16,928 *
VE2DC	20-HP	52	5	16	16	73	10,432
VE5GC	20-LP	59	3	80	12	142	9,720 *
VE7DGM	20-LP	47	4	3	9	54	5,004
VE9VAR	20-LP	35	2	47	10	84	4,840 *
VE4MD	20-HP*	33	3	5	10	41	4,000 *
VE4VID	20-LP	41	3	1	7	45	3,304
KC0RHM	20-HP*	16	3	1	6	20	1,332
VA3UO	20-LP	10	2	1	8	13	1,136
PC2T	20-LP	9	2	3	7	14	952 *
LW5EE	20-LP	10	1	2	7	13	868 *
AE6RR	20-LP	11	1	3	6	15	816 *
K2BL	20-HP*	7	2	1	6	10	672 *
KE7AUB	20-LP	8	1	0	6	9	600 *
EA3BIP	20-HP*	5	2	1	4	8	368 *

VE7JRX	20-LP	6	0	0	4	6	240
N0ICV	20-LP	3	2	0	3	5	210 *
PY4FQ	20-LP	4	0	1	4	5	168 *
RA6DB	20-HP*	3	0	2	3	5	102 *
UA3LHL	20-LP	3	0	2	2	5	68
VK8AV	20-LP	3	0	0	2	3	60 *
SP4AVG	20-LP	2	0	1	2	3	44 *
RK6CM	20-LP	2	0	2	1	4	24
UA9XF	20-LP	0	0	3	0	3	6 *
VE1SKY	40-LP	162	5	8	9	175	15,624 *
VA3KUG	40-LP	83	3	0	9	86	8,010 *
VA3QN	40-HP*	41	8	17	13	66	7,852
CU2JT	40-LP	41	4	28	10	73	5,460 *
VE3RLX	40-LP	13	4	0	8	17	1,680
VA7VVV	40-HP*	9	1	1	5	11	560 *
K3WQ	40-LP***	9	1	12	3	22	402 *
VE3WMB	40-QRP	7	2	6	3	15	366
N6RO	80-HP	219	7	75	18	301	44,640 *
VE3EFX	80-HP*	81	6	13	10	100	9,560 *
VA3XH	80-HP*	57	6	7	11	70	7,744
VE3MGY	160-LP	90	6	95	17	191	20,570 *
WB2ABD	160-LP	23	2	9	5	34	1,440 *
N0AX	160-LP	14	1	9	4	24	712 *
KB7Q	160-LP	8	0	2	4	10	336 *

Class* Assumed High Power

Class*** Check-log

MULTI-OPERATOR MULTI-TRANSMITTER ANY POWER

CALL	CDN	RAC	DX	MULT	QSO's	SCORE
VE6RAC	997	37	1012	93	2046	1,184,262
VE3YAA	901	44	733	91	1678	1,033,396 **
VE5RAC	651	32	665	81	1348	686,880
VA3RAC	509	25	335	73	869	456,980
VE3SWA	289	35	131	71	455	273,492
VO1RAC	230	15	166	46	411	134,872
VE4RAC	187	13	55	40	255	89,600
VE6ZA	199	13	163	29	375	74,704 *
VE7OGO	156	12	68	28	236	54,208 *
VE7FO	46	7	27	23	80	15,042 *
VE7RAW	28	6	13	13	47	5,538

MULTI-OPERATOR SINGLE TRANSMITTER HIGH-POWER

CALL	CDN	RAC	DX	MULT	QSO's	SCORE
VE3RM	430	29	404	71	863	403,848 **
VE6AO	297	18	853	67	1168	337,412 *
KA6BIM	313	23	159	67	495	261,836 *
VE1LD	389	19	144	57	552	259,806 *
VE3CTP	210	28	101	61	339	174,582
K7VV	212	20	42	63	274	164,052 *
W8BD	263	17	80	45	360	140,850 *
VY1RAC	147	13	95	34	255	65,280
VA3ARG	132	17	20	31	169	52,700
VE3DC	163	9	138	25	310	52,150
EA4RCT	78	5	59	16	142	15,968 *
AA3B	14	5	18	11	37	3,036 *

MULTI-OPERATOR SINGLE TRANSMITTER LOW-POWER

CALL	CDN	RAC	DX	MULT	QSO's	SCORE
VE2CQ	291	22	222	62	535	235,228 **

RAC CANADA WINTER CONTEST – 2004 RESULTS

By Sam Ferris, VE5SF, Bart Ritchie VE5CPU and Bruce Rattray VE5RC/VE5QRP

VE9RAC	297	13	121	41	431	142,352
VA3MAH	140	24	26	44	190	85,008 *
VA3QR	116	19	26	31	161	49,352
VA3PB	109	18	12	30	139	44,220
VE7NA	99	12	68	32	179	43,712 *
VE9CRM	85	10	32	30	127	33,420 *

CHECKLOGS

CALL	CDN	RAC	DX	MULT	QSO's	SCORE
DK5ZX	5	0	10	3	15	210
N1NN	2	0	10	2	12	80

Asterisk following Multipliers:

** Plaque Winner

* Certificate Winner

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Single Operator All Bands High Power

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