RAC Canada Winter Contest 2021 Results

Sam Ferris, VE5SF and Bart Ritchie, VE5CPU

Participation in the 2021 running of the RAC Canada Winter Contest was slightly below last year's record with 1,006 entries received, but overall participation in our national winter contest remains high. Three new records were established this year. Todd Bendtsen, VE5MX, established a new Single Operator record with a score of 90,048 for the 40 metre band eclipsing the previous record from 2001. Evgeny Boguslavsky, VE3KOT established a new record for the Rookie category with a score of 52,080 points. Rounding out the list of new record holders is Igor Slakva, VE3ZF, who established a new record for the Single Operator Single Sideband 2 metre (144 MHz) subcategory with a score of 1,640. Congratulations to all operators!

SINGLE OP ALL BANDS LOW POWER

Sam Ferris, VE5SF, achieved first place again this year with a score of 620,760. Ed Richardson, VE4VT, using the VE4RAC call sign, captured second place this year by scoring 535,920. Barry Middlebrook, VE6TN, captured third place in the winter contest with a score of 180,120. Dave Scarfe, VE5UO, took fourth place this year scoring 173,544 and Stu Hoar, N7ZZ, took fifth place with a score of 170,544.

SINGLE OP ALL BANDS HIGH POWER

Victor Petcherkin, N8OO, captured the first place SOABHP with a score of 911,092. Second place went to Yuri Onipko, VE3DZ, with a score of 811,440. Gilles Renucci, VA2EW, using the VA2RAC call sign, placed third this year with a score of 712,166, up one place from last year. Mitch Mason, K7RL, joined the top scorers in fourth place scoring 587,664, up one place from last year. Fred Laun, K3ZO, captured fifth place in the category with a score of 388,350. Within the SOABHP category Victor Petcherkin, N8OO, captured the Russ Coleston, VK4XA Memorial for the highest scoring single op foreign entrant with a score of 911,092.

SINGLE OP - QRP

Brian Campbell, VE3MGY, achieved first place in the SOABQRP category with a score of 210,276. Bob Hawkins, VE3WG, took second place in the 2021 contest with a score of 120,624. Ron Baker, VE3SIF, took third place with a score of 80,000. Thomas J. Warren, K3TW, won fourth place this year with a QRP score of 68,526 ahead of Alan Sykes, KR4AE, in fifth scoring 31,204.

SINGLE OP SINGLE BAND

With a score of 90,048, Todd Bendtsen, VE5MX, won the overall SOSB category crown this year. Todd also established a new record for the SOSB 40 metre subcategory, eclipsing the last record set in 2001. Adrian Stimpson, VE7NZ, took second overall SOSB place with a score of 81,420 with his 20 metre band entry. Third place in the overall SOSB was taken by Tom Haavisto, VE3CX, with 69,800 points on the 40 metre band.

On a band-by-band breakdown, Tom Nollert, VE3YTN, took top band honours on 160 metres with a low power single band high power score of 260. Vlad Mattson, AF2F, took the 80 metre band honours using high power, with a score of 13,620. As noted above, Todd Bendtsen, VE5MX, took first place on 40 metres with a high power entry scoring 90,048.

RAC Canada Winter Contest 2021 Plaque Winners

SINGLE OPERATOR ALL BANDS LOW POWER

Sponsored by Contest Club Ontario Sam Ferris, VE5SF 1,389 QSOs, 84 Multipliers – 620,760 Points

SINGLE OPERATOR ALL BANDS HIGH POWER

Sponsored by Radioworld Victor Petcherkin, N8OO 1822 QSOs, 91 Multipliers – 911,092 Points

SINGLE OPERATOR ALL BANDS - QRP

Sponsored by QRP Canada Brian Campbell, VE3MGY 600 QSOs, 66 Multipliers – 210,276 Points

SINGLE OPERATOR SINGLE BAND ANY AUTHORIZED POWER

Sponsored by Radio Amateurs of Canada Todd Bendtsen, VE5MX 892 QSOs, 21 Multipliers, 40 Metre Band – 90,048 Points

SINGLE OPERATOR ALL BANDS CW

Gary Bartlett VE1RGB Memorial Sponsored by the Maritime Contest Club Vlad Milutinovic, VE3JM 1,714 QSOs, 49 Multipliers – 313,698 Points

SINGLE OPERATOR ALL BANDS PHONE

Sponsored by the Saskatchewan Contest Club Victor Paul, WB0TEV 879 QSOs, 45 Multipliers – 263,700 Points

MULTI-OPERATOR SINGLE-TRANSMITTER HIGH POWER

Sponsored by Alfa Radio Gord Kosmenko, VE6SV and Max Stagg VE6RST at VE6SV 1,780 QSOs, 102 Multipliers – 854,352 Points

MULTI-OPERATOR SINGLE-TRANSMITTER LOW POWER

Tony Allsop VE3FTA Memorial Sponsored by the Mississauga ARC VE9RAC at VE9ML Operators Marcel Leblanc, VE9ML, Jean-Paul Leblanc, VE9BK and Raymond Leblanc, VE9RA 748 QSOs, 77 Multipliers – 334,796 Points

MULTI-OPERATOR MULTI-TRANSMITTER ANY AUTHORIZED POWER

Sponsored by Radioworld Sask-Alta Contesters, VE5RAC Operators VE5WI VE5FF VE5CJB VA6NJK 1,511 QSOs, 71 Multipliers – 569,136 Points

ROOKIE

Sponsored by RadioSport Manitoba and the Winnipeg Amateur Radio Club Evgeny Boguslavsky, VE3KOT 203 QSOs, 40 Multipliers – 52,080 Points

SINGLE OPERATOR FOREIGN ENTRANT

Russ Coleston, VK4XA Memorial Sponsored by Alan Goodacre, VE3HX Victor Petcherkin, N8OO 1822 QSOs, 91 Multipliers – 911,092 Points This year Adrian Stimpson, VE7NZ, won first place in the SOSB 20 metre subcategory with a high power score of 81,420. Nianfeng Li, WU6P, took the top honours for the 15 metre band with a score of 44,390. Mark Mattila, VA7MM, won 10 metre band honours with a low power score of 1,576. Igor Slakva, VE3ZF, achieved first place and a new record in the 2 metre (144 MHz) subcategory with a score of 1,640. There were no entrants in the 6 metre Single Op, Single Band sub-category.

SINGLE OP - All BANDS - CW

The Single Op, All Band CW category had a large number of entries again this year. 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 Vlad Milutinovic, VE3JM, with a score of 313,698. Second place is once again awarded to Les Brown, VE3NNT, with a score of 243,400. Third place was taken by Eric Austin, VE6BBP, with a score of 222,432, up one place from last year. Fourth place goes to Jerome Spring, VE6TL, with a score of 172,592 and fifth place goes to Stefan Bejusca, VA3AR, with a score of 152,274.

SINGLE OP - ALL BAND - PHONE

Top honours in the Single-Op, All Band Phone only category once again goes to Victor Paul, WB0TEV, with a score of 263,700. Michael Walker, VA3MW, took second place with a score of 113,442, up one place from last year. Evan Cameron, VE6FI, took third place this year with a score of 111,476, up two places from last year. David Gervais, VE6KD, took fourth place with a score of 110,144. Fifth place for the 2021 Winter Contest goes to Carlos Cardoso, VA3OK, with a score of 81,550.

MULTI-OPERATOR SINGLE-TRANSMITTER LOW POWER

Marcel Leblanc, VE9ML, Jean-Paul Leblanc, VE9BK and Raymond Leblanc, VE9RA, took top honours and the Tony Allsop, VE3FTA Memorial in the Multi-Single Low Power category, with a score of 334,796, using the VE9RAC call sign. Spencer Graham, WT8WV, took second place with at score of 117,078. Third place was taken by Mike Goldstein, VE3GFN, with a score of 112,332.

MULTI-OPERATOR SINGLE-TRANSMITTER HIGH POWER

Gord Kosmenko, VE6SV and Max Stagg, VE6RST, from the VE6SV station, won the Multi-Operator Single-Transmitter High Power category with a score of 854,352.

Canada Wi	nter Contest F	Records	as of De	cember 31,	2021
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	SOSB 144MHz	80	2	1,640	2021
VY2SS	SOSB 50 MHz	382	10	10,720	2001
ZF2NT	SOSB 28 MHz	1127	23	100,832	1998
VE3KZ	SOSB 21 MHz	873	20	75,040	1997
VA7RR	SOSB 14 MHz	1318	25	142,450	2021
VE5MX	SO-SB-7 MHz	892	21	90,048	2021
VE3BY	SOSB 3.5 MHz	537	22	104,016	1997
VE3MGY	SOSB 1.8 MHz	382	17	25,296	2012
VE7JH	SOABCW	1385	62	368,900	2013
VE4VT	SOABPH	1498	60	479,880	2011
VX6JY	MS*	2092	132	1,476,024	2001
VA6SV	MOSTHP	1750	119	1,065,526	2013
VE7UF	MOSTLP	1179	108	655,560	2015
VE6RAC	MM	5393	125	2,896,500	2013
VE3KOT	Rookie	203	40	52,080	2021
* Category superseded	d in Winter 2003				

Don Whitty, VE9XX, took second place with a score of 554,896, up one place from last year. Third place goes to operators representing the Potomac Valley Radio Club (K3AJ, WT3K, K3WA, ND3D and KB3IKC), using the K3AJ station, with a score of 533,028.

MULTI-OPERATOR MULTI-TRANSMITTER (see the list of Multi-Ops on page 10)

Once again operations of the Multi-Multi category were disrupted by the ongoing pandemic resulting in both conventional multi-multi entries and what amounted to distributed multi-multi operations. This year, operators VE5WI, VE5FF, VE5CJB and VA6NJK – representing the Sask-Alta Contesters using the VE5RAC call sign – took top honours in the multi-multi category with a score of 569,136. Operators K1RX and KC1KUG – representing the Yankee Clipper Contest Club using call sign K1RX – achieved second place with a score of 311,690. Operators of the Calgary Amateur Radio Association (VE6KC, VA6PWX, VA6CTS, VE6BIR, VA6BAM, VE6TSF, VE6CCL and VE6TC), using the VE6AO call sign in remote configuration, achieved third place in the multi-multi category with a score of 285,912. 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.

Note: Distributed mult-multi operations are denoted in the detailed results listing by a "#" following the call sign listing. A complete list of Multi-Ops can be found on page 10.

ROOKIE CONTEST ENTRANT

Welcome to all newly licensed operators. Your participation in the RAC Canada Winter Contest is appreciated. Evgeny Boguslavsky, VE3KOT, achieved the highest qualifying score of 52,080 with a Single-Op All Band Low Power effort and wins the Rookie Plaque. Congratulations Evgeny on your win and a new Rookie category record. Creation of the Rookie plaque is intended as an contesting incentive for new operators, 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. 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 a "^" following the call sign listing.

Wrap Up: 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, NA, N1MM, Super Duper, Writelog and TR produce Cabrillo files that can be readily handled by new scoring software developed by VE5CPU. A new log submission website (https:// contest.rac.ca/) is now in place to aid in easier submission of Cabrillo logs. We will continue to accept paper logs in 2022 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. This will make compiling and checking of logs an easier and guicker process. Starting in 2022, Cabrillo log files will need to be submitted within 14 days form 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 while supported, via email. Please review the published rules for the 2022 Canada Winter Contest as there are new entry categories and other significant revisions and clarification to the rules.

Thanks, and congratulations to all for participating in the 2021 running of the Canada Winter Contest and good luck in 2022. Once again, a special thanks goes out to the operators of the RAC call signs. Operator comments are available on pages 11-13. Hopefully more sunspots will return and solar flux will increase in the coming years and we will have some better propagation for the 2022 running of the Canada Winter Contest scheduled for December 17, 2022. – 73, Sam, VESSF and Bart, VESCPU

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
N800	715	36	1071	91	1822	911092**
VE3DZ	481	58	1155	98	1694	811440*
VA2RAC	500	23	1183	91	1706	712166*
K7RL	472	21	928	84	1421	587664*
K3ZO	419	28	214	75	661	388350*
VE5CPU	393	19	361	70	773	352240*
W9EWZ	229	29	235	73	493	243820*
VE4GV	277	19	421	52	717	207584*
VE7KW	180	19	601	46	800	155572*
K4BAI	225	15	353	46	593	149776*
N5TJ	211	17	77	57	305	148428
VE3UZ	145	21	167	60	333	132240
VA2QR	166	10	160	42	336	91560
NZ4N	127	12	141	49	280	87808
VE3BR	93	16	224	47	333	79806
VE7CV	103	20	23	51	146	75276
W1PR	144	11	127	38	282	72732*
VE3KTB	91	15	112	43	218	61662
K7GK	86	15	55	45	156	57150
F5OHM	83	6	126	31	215	37262*
W3TB	66	10	57	38	133	37012
WD6T	66	9	108	30	183	31680
K4BBH	72	15	0	29	87	29580
VA3QR	53	14	67	28	134	26432
KG7CW	55	8	0	37	63	26270
WA6URY	45	6	71	23	122	16376
W0ETT	50	5	0	20	55	12000*
K4XL	26	6	24	20	56	8560
K8TR	30	4	0	16	34	6080
CT7AIX	23	3	53	15	79	5940*
K5ZD	20	4	27	17	51	5678*
K5XS	18	8	0	16	26	5440
WB6JJJ	21	2	30	13	53	4030
K6VVK	17	3	28	13	48	3718
R3LC	12	1	70	4	83	1120*
WB8WUA	8	1	16	7	25	924*

Checklogs: VE3VHU, VE3ZW and AA8TA

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

			_	Call# = Dist	ributea Muiti	-wut
Single Oper	rator All B Cdn	and Low F RAC	ower DX	Mult	QSO	Score
VE5SF	536	18	835	84	1389	620760**
VE4RAC	499	33	655	77	1187	535920*
VE6TN	199	17	336	60	552	180120*
VE5UO	263	10	651	42	924	173544
N7ZZ	198	27	236	57 52	461	170544*
VA3YV VE3VY	195 174	16 17	288 210	52 56	499 401	147992* 140000
VE5GC	190	16	446	43	652	133816
VE3SMA	170	14	231	52	415	126984
K5DHY	155	25	68	55	248	120230*
VE3RUA	152	20	254	47	426	114116
VE3PJ VE9OA	171 145	12 7	250 442	45 38	433 594	110250 94012*
WA2JOK	118	18	164	48	300	89664*
VA3RKM	109	13	132	55	254	88770
WA8ZBT	140	14	203	37	357	77182
WN6K	151	8	173	37	332	74592*
K4DR	96	23	66	45	185	69840*
N1DC VE3CES	108 75	11 12	181 90	38 45	300 177	63156* 52650
VE3CE3 VE3KOT^	85	12	106	40	203	52030
VE3OMV^	82	9	155	39	246	51090
VE6MM	79	21	40	34	140	43860
VE2JCW	60	13	177	35	250	42490*
KJ6MBW	75	12	43	35	130	37660
WA5LFD VE3DMR	74 78	9 12	78 10	34 35	161 100	36584 36400
VO1OK	78 72	12	20	36	104	36000*
VY1RAC	92	6	206	23	304	33396*
VE3AYR	80	2	168	26	250	30576
VE4XT	56	11	84	29	151	27492
KT3T	55	13	22	32	90	27328
KA0PQW KB4CG	70 62	5 9	125 4	25 31	200 75	26250* 25048
VE3PQ	57	10	0	32	67	24640
VE2HEW	51	6	58	29	115	21634
VE8RAC	109	4	133	15	246	21540
VE3AXT	50	10	57	26	117	21164
VE2ESX	51	9	71	22	131	18304
VE7BGP NF8M	47 39	4 5	48 69	26 24	99 113	16796* 15072
VE3ETE	39	13	32	20	84	14280
K9VER	47	5	62	20	114	13880
N3RJ	40	10	0	23	50	13800*
W7MTL	32	8	33	24	73	13104*
VA3IJK AB8OU	34 46	4 2	63 52	19 14	101 100	10374 8456*
VY2DP	28	3	66	16	97	7552*
VE1JS	37	5	23	14	65	7224*
VE3KAH	21	8	5	18	34	6840
N4JRG	30	2	29	16	61	6368
VA3CK K0RJK	22 27	6 2	24 11	16 14	52 40	6208 4648
VE7HLW	13	5	25	16	43	4480
W8RZ	26	4	1	13	31	4446
KORJK	27	1	11	14	39	4368
NS3T	20	4	2	15	26	4260
K3KU W0YJT	28 24	3 1	10 25	10 11	41 50	3600 3410
Al4QQ	13	4	7	13	24	2912
N4QI	26	0	0	11	26	2860
VA6RCN	15	1	14	13	30	2574
VA3SK	17	2	5	11	24	2420
VE3YOB^	6	3	13	9	22	1314
W9LHF N1JI	8 9	4 1	9	7 10	21 10	1246 1100
WQ0N	4	1	0	3	5	180
JH0MUC/0	0	0	4	1	4	8*
Single Oper	rator All B Cdn	and QRP RAC	DX	Mult	QSO	Score
VE3MGY	210	17	373	66	600	210276**
VE3WG	144	19	167	56	330	120624
VE3SIF	105	14	135	50	254	80000
K3TW	93	12	144	47	249	68526*
KR4AE N4IJ	71 76	6	123	29 27	200	31204
AC5O	76 51	6 8	39 50	27 26	121 109	25866 20020*
	-	-				

In the follov	wing charts S	Score* = Ce	ertificate Wir	nner; Score**	= Plaque W	inner; Call^ =	Rookie; Call* = 1	Assumed Hi	gh Power;	Call# = Distri	ibuted Multi	i-Multi	
NQ2W	55	1	95	18	151	13680*	: VE3ZY	116	7	240	30	363	53400
W7LG	35	5	64	19	104	10982*	N1CGP	131	10	0	35	141	52850*
VE3NFN	24	4	93	19	121	9614	KN0V	135	7	191	28	333	52416*
VE3NJE	30	7	11	18	48	8316	VE3MM	100	5	268	32	373	52352
W1UU	35	2	55	15	92	7500*	K6NR	112	5	155	34	272	52020*
N4NM	34	3	38	15	75	7140	N8BJQ	115	6	192	31	313	51274
K4DZR	32	3	0	17	35	6460	Al6O	133	8	166	28	307	51016
K2EKM	35	1	39	14	75	6272	K2QB	117	4	180	31	301	49910*
ND0C	25	7	3	14	35	5554*	K7HP WA3AAN	112 115	12 4	0 247	36 28	124 366	48960 48272
VE3PYG	28	1	31	15	60	5430	AI4WW	114	7	162	30	283	48120
VE6EX	20	2	85	10	107	4100*	NS2N	86	9	119	34	214	43452
AC6YY	24	1	37	12	62	4008	VE5UF	79	9	239	29	327	41992*
VE9HF VE3KJQ	20 16	1 1	83 58	9 11	104 75	3474* 3256	N6TQ	88	12	105	31	205	41230
N6HI	30	0	5	10	35	3100*	NE6DX	108	4	216	25	328	39800
K8ZT	13	4	2	14	19	2996*	NE6DX	108	4	216	25	328	39800
K5ZE	21	1	0	10	22	2300	W4YE	100	5	136	29	241	39788
K1WAT	23	1	1	8	25	2016	K9MA	89 77	6	175 89	28	270	38080
VE9BEL	18	2	0	8	20	1760	K4ORD W0VTT	92	6 8	6	34 32	172 106	36312 34944
VE3DQN	16	0	29	8	45	1744	VA7GI	77	6	338	22	421	34452
VA3IIF	14	0	22	9	36	1656	K3DMG	91	3	112	28	206	33432
VE3GMZ	16	0	15	8	31	1520	VE3LC	78	5	121	29	204	32538
KD2MU	7	3	3	10	13	1360	VE3BXG	90	3	259	22	352	32516
SP1C	10	2	11	6	23	972*	K0EA	70	8	128	29	206	32364
VE3CBK	7	3	9	5	19	740	LU8QT	73	7	199	25	279	31700*
AB0CD	11	0	14	4	25	552	N0AC	89	5	115	25	209	30500
W6/SP9JZT IW3ILM	7 5	0 1	4 4	5 4	11 10	390 312*	K3YP	69 72	5 2	138 268	28	212 342	29848
PY2BN	3	2	2	4	7	296*	VA6WWW K0XF	100	5	159	23 20	264	29808 28360
US5VX	5	0	17	3	22	252*	K4EES	77	5	138	24	220	27504
JH7UJU	4	1	7	3	12	222*	W7GF	62	7	96	28	165	26656
JK7DWD	7	1	1	2	9	184	AJ1AJ	78	4	218	20	300	25920
PY2CP	2	1	2	3	5	132	N0AT	90	6	4	25	100	25700
YO4AAC	2	0	16	2	18	104*	W7HU	77	3	168	22	248	25652
VA3PCJ	4	0	0	2	4	80	VA3GE	77	3	150	22	230	24860
YO6EX	2	0	8	2	10	72	WBOCJB	75	2	43	26	120	22776
JK1TCV	1	1	0	2	2	60	KOWRY	78 68	10 7	1 85	23 22	89 160	22586
OK6OK	1	0	11	1	12	32*	NW0M K4AMC	69	5	48	24	122	21780 21264
JR1NKN	2	0	2	1	4	24	K6FA	62	7	61	24	130	21168
DF7XR	1	0	2	1	3	14*	N7EPD	75	4	87	21	166	21084
RW3AI	0 0	0 0	7	1	7	14* 8	VE7XF	68	7	2	25	77	20600
VE6VIC^ YB2CTE^			4	1	4		N5ZO	CO	3	170	19	241	20520
IDZCIL		Λ	7	1	2	/1*		68					
IH3DMO	0	0	2 1	1 1	2 1	4* 2	WOPF	65	6	81	22	152	20504
JH3DMQ	0	0	1	1 1	2 1	4* 2	W0PF K1VUT	65 71	6 0	81 131	22 21	152 202	20504 20412
	0	0		-			W0PF K1VUT VE1ANU	65 71 64	6 0 2	81 131 223	22 21 18	152 202 289	20504 20412 20268
JH3DMQ Single Oper Call	0	0		-			W0PF K1VUT VE1ANU K8MR	65 71 64 67	6 0 2 4	81 131 223 0	22 21 18 27	152 202 289 71	20504 20412 20268 20250
Single Oper Call VE3JM	0 rator All Ba Cdn 338	0 nd CW RAC 15	1 DX 1361	1 Mult 49	1 QSO 1714	2	WOPF K1VUT VE1ANU K8MR K2NV	65 71 64 67 62	6 0 2 4 4	81 131 223 0 86	22 21 18 27 23	152 202 289 71 152	20504 20412 20268 20250 20056
Single Oper Call VE3JM VE3NNT	0 rator All Bar Cdn 338 245	0 nd CW RAC 15 21	1 DX 1361 999	Mult 49 50	1 QSO 1714 1265	Score 313698** 243400	W0PF K1VUT VE1ANU K8MR	65 71 64 67	6 0 2 4	81 131 223 0	22 21 18 27	152 202 289 71	20504 20412 20268 20250
Single Oper Call VE3JM VE3NNT VE6BBP	0 rator All Ba Cdn 338 245 248	0 nd CW RAC 15 21 20	DX 1361 999 877	Mult 49 50 48	QSO 1714 1265 1145	Score 313698** 243400 222432*	WOPF K1VUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT	65 71 64 67 62 58	6 0 2 4 4 5	81 131 223 0 86 168	22 21 18 27 23 19	152 202 289 71 152 231 176 90	20504 20412 20268 20250 20056 19304 18392 18124
Single Oper Call VE3JM VE3NNT VE6BBP VE6TL	0 rator All Ba Cdn 338 245 248 203	0 nd CW RAC 15 21 20 17	DX 1361 999 877 691	Mult 49 50 48 46	QSO 1714 1265 1145 911	Score 313698** 243400 222432* 172592	WOPF K1VUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT N4UM	65 71 64 67 62 58 68 58	6 0 2 4 4 5 4 8	81 131 223 0 86 168 104 24 87	22 21 18 27 23 19 19 23 22	152 202 289 71 152 231 176 90 150	20504 20412 20268 20250 20056 19304 18392 18124 17908
Single Oper Call VE3JM VE3NNT VE6BBP VE6TL VA3AR	0 rator All Ba Cdn 338 245 248 203 211	0 nd CW RAC 15 21 20 17 11	DX 1361 999 877 691 692	Mult 49 50 48 46 41	1 QSO 1714 1265 1145 911 914	2 Score 313698*** 243400 222432* 172592 152274	WOPF K1YUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT N4UM VA7VK	65 71 64 67 62 58 68 58 62 37	6 0 2 4 4 5 4 8 1	81 131 223 0 86 168 104 24 87 220	22 21 18 27 23 19 19 23 22 20	152 202 289 71 152 231 176 90 150 261	20504 20412 20268 20250 20056 19304 18392 18124 17908 17800
Single Oper Call VE3JM VE3NNT VE6BBP VE6TL VA3AR KM6Z	0 rator All Bar Cdn 338 245 248 203 211 192	0 nd CW RAC 15 21 20 17 11 16	DX 1361 999 877 691 692 411	Mult 49 50 48 46 41 36	1 QSO 1714 1265 1145 911 914 619	\$core 313698** 243400 222432* 172592 152274 110232*	WOPF K1YUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT N4UM VA7VK WOUY	65 71 64 67 62 58 68 58 62 37 66	6 0 2 4 4 5 4 8 1 4 5	81 131 223 0 86 168 104 24 87 220 0	22 21 18 27 23 19 19 23 22 20 23	152 202 289 71 152 231 176 90 150 261 71	20504 20412 20268 20250 20056 19304 18392 18124 17908 17800 17480
Single Oper Call VE3JM VE3NNT VE6BBP VE6TL VA3AR	0 rator All Ba Cdn 338 245 248 203 211	0 nd CW RAC 15 21 20 17 11	DX 1361 999 877 691 692	Mult 49 50 48 46 41	1 QSO 1714 1265 1145 911 914	2 Score 313698*** 243400 222432* 172592 152274	WOPF K1VUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT N4UM VA7VK W0UY AI6DO	65 71 64 67 62 58 68 58 62 37 66 59	6 0 2 4 4 5 4 8 1 4 5 8	81 131 223 0 86 168 104 24 87 220 0 4	22 21 18 27 23 19 19 23 22 20 23 23	152 202 289 71 152 231 176 90 150 261 71	20504 20412 20268 20250 20056 19304 18392 18124 17908 17800 17480 17434
Single Oper Call VE3JM VE3NNT VE6BBP VE6TL VA3AR KM6Z K8NVR	0 rator All Bar Cdn 338 245 248 203 211 192 200	0 nd CW RAC 15 21 20 17 11 16 19	DX 1361 999 877 691 692 411 6	Mult 49 50 48 46 41 36 46	1 QSO 1714 1265 1145 911 914 619 225	2 Score 313698** 243400 222432* 172592 152274 110232* 110032 108328* 108030	WOPF K1VUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT N4UM VA7VK W0UY AI6DO VE3FH	65 71 64 67 62 58 68 58 62 37 66 59	6 0 2 4 4 5 4 8 1 4 5 8 2	81 131 223 0 86 168 104 24 87 220 0 4	22 21 18 27 23 19 19 23 22 20 23 23 23 22	152 202 289 71 152 231 176 90 150 261 71 71 163	20504 20412 20268 20250 20056 19304 18392 18124 17908 17800 17480 17434 17292
Single Oper Call VE3JM VE3NNT VE6BBP VE6TL VA3AR KM6Z K8NVR N5AW VE3KP VA1MM	0 rator All Bai Cdn 338 245 248 203 211 192 200 187 156 179	0 nd CW RAC 15 21 20 17 11 16 19 14 10 5	DX 1361 999 877 691 692 411 6 156 505 549	Mult 49 50 48 46 41 36 46 44 39 36	1 QSO 1714 1265 1145 911 914 619 225 357 671 733	2 Score 313698** 243400 222432* 172592 152274 110232* 110032 108328* 108030 107568*	WOPF K1VUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT N4UM VA7VK W0UY A16DO VE3FH NN4NN	65 71 64 67 62 58 68 58 62 37 66 59	6 0 2 4 4 5 4 8 1 4 5 8	81 131 223 0 86 168 104 24 87 220 0 4	22 21 18 27 23 19 19 23 22 20 23 23 22 20 23 22 22 22 22 22 22	152 202 289 71 152 231 176 90 150 261 71 71 163 150	20504 20412 20268 20250 20056 19304 18392 18124 17908 17800 17480 17434 17292 16940
Single Oper Call VE3JM VE3NNT VE6BBP VE6TL VA3AR KM6Z K8NVR N5AW VE3KP VA1MM VE3AQ	0 rator All Ba Cdn 338 245 248 203 211 192 200 187 156 179 186	0 nd CW RAC 15 21 20 17 11 16 19 14 10 5 8	DX 1361 999 877 691 692 411 6 156 505 549 426	Mult 49 50 48 46 41 36 46 44 39 36 37	1 QSO 1714 1265 1145 911 914 619 225 357 671 733 620	2 Score 313698** 243400 222432* 172592 152274 110032* 110032 108328* 108030 107568* 106264	WOPF K1VUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT N4UM VA7VK W0UY AI6DO VE3FH	65 71 64 67 62 58 68 58 62 37 66 59 53 52	6 0 2 4 4 5 4 8 1 4 5 8 2 3	81 131 223 0 86 168 104 24 87 220 0 4 108 95	22 21 18 27 23 19 19 23 22 20 23 23 23 22	152 202 289 71 152 231 176 90 150 261 71 71 163	20504 20412 20268 20250 20056 19304 18392 18124 17908 17800 17480 17434 17292
Single Oper Call VE3JM VE3NNT VE6BBP VE6TL VA3AR KM6Z K8NVR N5AW VE3KP VA1MM VE3AQ KR2AA	0 rator All Ba Cdn 338 245 248 203 211 192 200 187 156 179 186 202	0 nd CW RAC 15 21 20 17 11 16 19 14 10 5 8 10	DX 1361 999 877 691 692 411 6 156 505 549 426 363	Mult 49 50 48 46 41 36 46 44 39 36 37 36	1 QSO 1714 1265 1145 911 914 619 225 357 671 733 620 575	2 Score 313698** 243400 222432* 172592 152274 110232* 110032 108328* 108030 107568* 106264 106056*	WOPF K1YUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT N4UM VA7VK WOUY AI6DO VE3FH NN4NN N5XE VA3FF VE3QO	65 71 64 67 62 58 68 58 62 37 66 59 53 52 64	6 0 2 4 4 5 4 8 1 4 5 8 2 3 4 5 2	81 131 223 0 86 168 104 24 87 220 0 4 108 95 54 128 88	22 21 18 27 23 19 19 23 22 20 23 23 23 22 20 23 23 23 20 23	152 202 289 71 152 231 176 90 150 261 71 71 163 150 122	20504 20412 20268 20250 20056 19304 18392 18124 17908 17800 17480 17434 17292 16940 16560 16416 15752
Single Oper Call VE3JM VE3NNT VE6BBP VE6TL VA3AR KM6Z K8NVR N5AW VE3KP VA1MM VE3AQ KR2AA VE3KIU	0 rator All Ba Cdn 338 245 248 203 211 192 200 187 156 179 186 202 186	0 nd CW RAC 15 21 20 17 11 16 19 14 10 5 8 10 8	DX 1361 999 877 691 692 411 6 156 505 549 426 363 463	Mult 49 50 48 46 41 36 46 44 39 36 37 36 36	1 QSO 1714 1265 1145 911 914 619 225 357 671 733 620 575 657	2 Score 313698** 243400 222432* 172592 152274 110232* 110032 108328* 108030 107568* 106264 106056* 106056	WOPF K1VUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT N4UM VA7VK W0UY AI6DO VE3FH NN4NN N5XE VA3FF VE3QO W8OV	65 71 64 67 62 58 68 58 62 37 66 59 53 52 64 67 50 61	6 0 2 4 4 5 4 8 1 4 5 8 2 3 4 5 2 2	81 131 223 0 86 168 104 24 87 220 0 4 108 95 54 128 88 2	22 21 18 27 23 19 19 23 22 20 23 23 22 22 20 16 22 24	152 202 289 71 152 231 176 90 150 261 71 71 163 150 122 200 140 65	20504 20412 20268 20250 20056 19304 18392 18124 17908 17800 17480 17434 17292 16940 16560 16416 15752 15696
Single Oper Call VE3JM VE3NNT VE6BBP VE6TL VA3AR KM6Z K8NVR N5AW VE3KP VA1MM VE3AQ KR2AA VE3KIU N8AA	0 rator All Bar Cdn 338 245 248 203 211 192 200 187 156 179 186 202 186 194	0 nd CW RAC 15 21 20 17 11 16 19 14 10 5 8 10 8 11	DX 1361 999 877 691 692 411 6 156 505 549 426 363 463 295	Mult 49 50 48 46 41 36 46 44 39 36 37 36 36 37	1 QSO 1714 1265 1145 911 914 619 225 357 671 733 620 575 657 500	2 Score 313698** 243400 222432* 172592 152274 110232* 110032 108328* 108030 107568* 106264 106056* 104500	WOPF K1VUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT N4UM VA7VK W0UY AI6DO VE3FH NN4NN N5XE VA3FF VE3QO W8OV AA4DD	65 71 64 67 62 58 68 58 62 37 66 59 53 52 64 67 50 61 63	6 0 2 4 4 5 4 8 1 4 5 8 2 3 4 5 2 2 6	81 131 223 0 86 168 104 24 87 220 0 4 108 95 54 128 88 2	22 21 18 27 23 19 19 23 22 20 23 23 22 22 20 16 22 24 20	152 202 289 71 152 231 176 90 150 261 71 71 163 150 122 200 140 65 69	20504 20412 20268 20250 20056 19304 18392 18124 17908 17480 17434 17292 16940 16560 16416 15752 15696
Single Oper Call VE3JM VE3NNT VE6BBP VE6TL VA3AR KM6Z K8NVR N5AW VE3KP VA1MM VE3AQ KR2AA VE3KIU N8AA W9RE	0 rator All Bai Cdn 338 245 248 203 211 192 200 187 156 179 186 202 186 194 185	0 nd CW RAC 15 21 20 17 11 16 19 14 10 5 8 10 8 11	DX 1361 999 877 691 692 411 6 156 505 549 426 363 463 295 0	Mult 49 50 48 46 41 36 46 44 39 36 37 36 36 38 46	1 QSO 1714 1265 1145 911 914 619 225 357 671 733 620 575 657 500 200	2 Score 313698** 243400 222432* 172592 152274 110232* 110032 108328* 108030 107568* 106264 106056* 106056 104500 98900*	WOPF K1YUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT N4UM VA7VK W0UY AI6DO VE3FH NN4NN N5XE VA3FF VE3QO W8OV AA4DD KG1V	65 71 64 67 62 58 68 58 62 37 66 59 53 52 64 67 50 61 63 49	6 0 2 4 4 5 4 8 1 4 5 8 2 3 4 5 2 2 6 3	81 131 223 0 86 168 104 24 87 220 0 4 108 95 54 128 88 2 0 76	22 21 18 27 23 19 19 23 22 20 23 23 22 22 20 16 22 24 20 21	152 202 289 71 152 231 176 90 150 261 71 71 163 150 122 200 140 65 69 128	20504 20412 20268 20250 20056 19304 18392 18124 17908 17480 17434 17292 16940 16560 16416 15752 15696 15000 14742
Single Oper Call VE3JM VE3NNT VE6BBP VE6TL VA3AR KM6Z K8NVR N5AW VE3KP VA1MM VE3AQ KR2AA VE3KIU N8AA	0 rator All Bar Cdn 338 245 248 203 211 192 200 187 156 179 186 202 186 194	0 nd CW RAC 15 21 20 17 11 16 19 14 10 5 8 10 8 11	DX 1361 999 877 691 692 411 6 156 505 549 426 363 463 295	Mult 49 50 48 46 41 36 46 44 39 36 37 36 36 37	1 QSO 1714 1265 1145 911 914 619 225 357 671 733 620 575 657 500	2 Score 313698** 243400 222432* 172592 152274 110232* 110032 108328* 108030 107568* 106056 104500 98900* 9800*	WOPF K1YUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT N4UM VA7VK W0UY AI6DO VE3FH NN4NN N5XE VA3FF VE3QO W8OV AA4DD KG1V VA7KH	65 71 64 67 62 58 68 58 62 37 66 59 53 52 64 67 50 61 63 49	6 0 2 4 4 5 4 8 1 4 5 8 2 3 4 5 2 6 3 6	81 131 223 0 86 168 104 24 87 220 0 4 108 95 54 128 88 2 0 76	22 21 18 27 23 19 19 23 22 20 23 23 22 22 20 16 22 24 20 21 18	152 202 289 71 152 231 176 90 150 261 71 71 163 150 122 200 140 65 69 128 152	20504 20412 20268 20250 20056 19304 18392 18124 17908 17480 17434 17292 16940 16560 16416 15752 15696 15000 14742 12600
Single Oper Call VE3JM VE3NNT VE6BBP VE6TL VA3AR KM6Z K8NVR N5AW VE3KP VA1MM VE3AQ KR2AA VE3KIU N8AA W9RE N4CW K4WW	0 rator All Ba Cdn 338 245 248 203 211 192 200 187 156 179 186 202 186 194 185 177	0 nd CW RAC 15 21 20 17 11 16 19 14 10 5 8 10 8 11 15 9 12 7	DX 1361 999 877 691 692 411 6 156 505 549 426 363 463 295 0 350	Mult 49 50 48 46 41 36 46 44 39 36 37 36 36 38 46 37	1 QSO 1714 1265 1145 911 914 619 225 357 671 733 620 575 657 500 200 536	2 Score 313698** 243400 222432* 172592 152274 110232* 110032 108328* 108030 107568* 106264 106056* 106056 104500 98900*	WOPF K1YUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT N4UM VA7VK W0UY AI6DO VE3FH NN4NN N5XE VA3FF VE3QO W8OV AA4DD KG1V VA7KH VA3EON	65 71 64 67 62 58 68 58 62 37 66 59 53 52 64 67 50 61 63 49 36 48	6 0 2 4 4 5 4 8 1 4 5 8 2 3 4 5 2 6 3 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	81 131 223 0 86 168 104 24 87 220 0 4 108 95 54 128 88 2 0 76 110 58	22 21 18 27 23 19 19 23 22 20 23 23 22 22 20 16 22 24 20 21 18	152 202 289 71 152 231 176 90 150 261 71 71 163 150 122 200 140 65 69 128 152 106	20504 20412 20268 20250 20056 19304 18392 18124 17908 17480 17434 17292 16940 16560 16416 15752 15696 15000 14742 12600 12516
Single Oper Call VE3JM VE3NNT VE6BBP VE6TL VA3AR KM6Z K8NVR N5AW VE3KP VA1MM VE3AQ KR2AA VE3KIU N8AA W9RE N4CW K4WW VE3FP VE3OI	0 rator All Bar Cdn 338 245 248 203 211 192 200 187 156 179 186 202 186 194 185 177 186 151 160	0 nd CW RAC 15 21 20 17 11 16 19 14 10 5 8 10 8 11 15 9 12 7 7	DX 1361 999 877 691 692 411 6 156 505 549 426 363 463 295 0 350 274 463 549	Mult 49 50 48 46 41 36 46 44 39 36 37 36 38 46 37 36 38 46 37	1 QSO 1714 1265 1145 911 914 619 225 357 671 733 620 575 657 500 200 536 472 621 716	2 Score 313698** 243400 222432* 172592 152274 110232* 110032 108328* 108030 107568* 106264 106056* 104500 98900* 98050* 95328 87584 85140	WOPF K1YUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT N4UM VA7VK W0UY AI6DO VE3FH NN4NN N5XE VA3FF VE3QO W8OV AA4DD KG1V VA7KH	65 71 64 67 62 58 68 58 62 37 66 59 53 52 64 67 50 61 63 49 36 48	6 0 2 4 4 5 4 8 1 4 5 8 2 3 4 5 2 6 3 6 0 5 5 6 0 5 6 0 5 6 0 5 6 0 5 6 0 5 6 0 5 6 0 5 6 0 5 6 0 5 6 0 5 6 0 5 0 5	81 131 223 0 86 168 104 24 87 220 0 4 108 95 54 128 88 2 0 76 110 58 57	22 21 18 27 23 19 19 23 22 20 23 23 22 22 20 16 22 24 20 21 18 21 19	152 202 289 71 152 231 176 90 150 261 71 71 163 150 122 200 140 65 69 128 152 106 106	20504 20412 20268 20250 20056 19304 18392 18124 17908 17800 17480 17434 17292 16940 16560 16416 15752 15696 15000 14742 12600 12516 12426*
Single Oper Call VE3JM VE3NNT VE6BBP VE6TL VA3AR KM6Z K8NVR N5AW VE3KP VA1MM VE3AQ KR2AA VE3KIU N8AA W9RE N4CW K4WW VE3FP VE3OI VA7ST	0 rator All Ba Cdn 338 245 248 203 211 192 200 187 156 179 186 202 186 194 185 177 186 151 160 122	0 nd CW RAC 15 21 20 17 11 16 19 14 10 5 8 10 8 11 15 9 12 7 7 10	DX 1361 999 877 691 692 411 6 156 505 549 426 363 463 295 0 350 274 463 549 480	Mult 49 50 48 46 41 36 46 44 39 36 37 36 36 37 36 36 37 36 36 37 36 36 37 36 36 37 36 36 37 36 36 37 36 37 36 37 37 37 38 37 37 37 37 37 37 37 37 37 37 37 37 37	1 QSO 1714 1265 1145 911 914 619 225 357 671 733 620 575 657 500 200 536 472 621 716 612	2 Score 313698** 243400 222432* 172592 152274 110232* 110032 108328* 108030 107568* 106264 106056* 106565 104500 98900* 98050* 95328 87584 85140 83300*	WOPF K1VUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT N4UM VA7VK W0UY AI6DO VE3FH NN4NN N5XE VA3FF VE3QO W8OV AA4DD KG1V VA7KH VA3EON PY2KC	65 71 64 67 62 58 68 58 62 37 66 59 53 52 64 67 50 61 63 49 36 48	6 0 2 4 4 5 4 8 1 4 5 8 2 3 4 5 2 6 3 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	81 131 223 0 86 168 104 24 87 220 0 4 108 95 54 128 88 2 0 76 110 58	22 21 18 27 23 19 19 23 22 20 23 23 22 22 20 16 22 24 20 21 18	152 202 289 71 152 231 176 90 150 261 71 71 163 150 122 200 140 65 69 128 152 106	20504 20412 20268 20250 20056 19304 18392 18124 17908 17480 17434 17292 16940 16560 16416 15752 15696 15000 14742 12600 12516
Single Oper Call VE3JM VE3NNT VE6BBP VE6TL VA3AR KM6Z K8NVR N5AW VE3KP VA1MM VE3AQ KR2AA VE3KIU N8AA W9RE N4CW K4WW VE3FP VE3GI VA7ST K7JQ	0 rator All Ba Cdn 338 245 248 203 211 192 200 187 156 179 186 202 186 194 185 177 186 151 160 122 155	0 nd CW RAC 15 21 20 17 11 16 19 14 10 5 8 10 8 11 15 9 12 7 10 10	DX 1361 999 877 691 692 411 6 156 505 549 426 363 463 295 0 350 274 463 549 480 335	Mult 49 50 48 46 41 36 46 44 39 36 37 36 36 38 46 37 36 38 46 37 36 36 37 36 36 37 36 36 37 36 36 37 36 36 36 36 36 36 36 36 36 36 36 36 36	1 QSO 1714 1265 1145 911 914 619 225 357 671 733 620 575 657 500 200 536 472 621 716 612 500	2 Score 313698** 243400 222432* 172592 152274 110232* 110032 108328* 108030 107568* 106056* 106056* 106056 104500 98900* 9800* 98528 87584 85140 83300* 82280*	WOPF K1YUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT N4UM VA7VK W0UY AIGDO VE3FH NN4NN N5XE VA3FF VE3QO W8OV AA4DD KG1V VA7KH VA3EON PY2KC VE3EY	65 71 64 67 62 58 68 58 62 37 66 59 53 52 64 67 50 61 63 49 36 48 44	6 0 2 4 4 5 4 8 1 4 5 8 2 3 4 5 2 2 6 3 6 0 5 2 2 6 0 5 2 2 6 6 0 5 2 6 0 5 2 6 0 5 2 6 0 5 2 6 0 5 2 6 0 5 2 6 5 2 5 2 5 2 5 2 5 2 5 2 5 2 5 2 5	81 131 223 0 86 168 104 24 87 220 0 4 108 95 54 128 88 2 0 76 110 58 57	22 21 18 27 23 19 19 23 22 20 23 23 22 20 16 22 24 20 21 18 21 19	152 202 289 71 152 231 176 90 150 261 71 71 163 150 122 200 140 65 69 128 152 106 106 240	20504 20412 20268 20250 20056 19304 18392 18124 17908 17480 17434 17292 16940 16560 16416 15752 15696 15000 14742 12600 12516 12426* 12220
Single Oper Call VE3JM VE3NNT VE6BBP VE6TL VA3AR KM6Z K8NVR N5AW VE3KP VA1MM VE3AQ KR2AA VE3KIU N8AA W9RE N4CW K4WW VE3FP VE3OI VA7ST K7JQ WB8JUI	0 rator All Ba Cdn 338 245 248 203 211 192 200 187 156 179 186 202 186 194 185 177 186 151 160 122 155 161	0 nd CW RAC 15 21 20 17 11 16 19 14 10 5 8 10 8 11 15 9 12 7 7 10 10 8	DX 1361 999 877 691 692 411 6 156 505 549 426 363 463 295 0 350 274 463 549 480 335 286	Mult 49 50 48 46 41 36 46 44 39 36 37 36 36 38 46 37 36 36 37 36 38 46 37 36 38 46 37 36 36 37 36 36 37 37 38 38 38 38 38 38 38 38 38 38 38 38 38	1 QSO 1714 1265 1145 911 914 619 225 357 671 733 620 575 657 500 200 536 472 621 716 612 500 455	2 Score 313698** 243400 222432* 172592 152274 110232* 110032 108328* 108030 107568* 106056 104500 98900* 98050* 95328 87584 85140 83300* 82280* 81970	WOPF K1YUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT N4UM VA7VK W0UY AI6DO VE3FH NN4NN N5XE VA3FF VE3QO W8OV AA4DD KG1V VA7KH VA3EON PY2KC VE3EY WU6X K1CTR KOTC	65 71 64 67 62 58 68 58 62 37 66 59 53 52 64 67 50 61 63 49 36 48 44 53 44 53	6 0 2 4 4 5 4 8 1 4 5 8 2 3 4 5 2 2 6 3 6 0 5 2 3 4 1 1 1 1 1 2 2 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	81 131 223 0 86 168 104 24 87 220 0 4 108 95 54 128 88 2 0 76 110 58 57 185 69 54	22 21 18 27 23 19 19 23 22 20 23 23 22 20 16 22 24 20 21 18 21 19	152 202 289 71 152 231 176 90 150 261 71 71 163 150 122 200 140 65 69 128 128 128 106 106 240 116 104 113	20504 20412 20268 20250 20056 19304 18392 18124 17908 17480 17434 17292 16940 16560 16416 15752 15696 15000 14742 12600 12516 12426* 12220 12122 11664 11356
Single Oper Call VE3JM VE3MNT VE6BBP VE6TL VA3AR KM6Z K8NVR N5AW VE3KP VA1MM VE3AQ KR2AA VE3KIU N8AA W9RE N4CW K4WW VE3FP VE3OI VA7ST K7JQ WB8JUI VA3WB	0 rator All Ba Cdn 338 245 248 203 211 192 200 187 156 179 186 202 186 194 185 177 186 151 160 122 155 161 133	0 nd CW RAC 15 21 20 17 11 16 19 14 10 5 8 11 15 9 12 7 7 10 10 8 11	DX 1361 999 877 691 692 411 6 156 505 549 426 363 463 295 0 350 274 463 549 480 335 286 321	Mult 49 50 48 46 41 36 46 44 39 36 37 36 36 38 46 37 36 36 37 36 36 37 36 36 37 36 36 37 36 36 36 37 36 36 37 37 38 38 38 38 38 38 38 38 38 38 38 38 38	1 QSO 1714 1265 1145 911 914 619 225 357 671 733 620 575 657 500 200 536 472 621 716 612 500 455 465	2 Score 313698** 243400 222432* 172592 152274 110232* 110032 108328* 108030 107568* 106056 104500 98900* 98050* 98328 87584 85140 83300* 82280* 81970 78912	WOPF K1YUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT N4UM VA7VK W0UY AI6DO VE3FH NN4NN N5XE VA3FF VE3QO W8OV AA4DD KG1V VA7KH VA3EON PY2KC VE3EY WU6X K1CTR KOTC F5JU	65 71 64 67 62 58 68 58 62 37 66 59 53 52 64 67 50 61 63 49 36 48 44 53 44 46 53 43	6 0 2 4 4 5 4 8 1 4 5 8 2 3 4 5 2 2 6 3 6 0 5 2 3 4 1 6 6 6 7 6 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7	81 131 223 0 86 168 104 24 87 220 0 4 108 95 54 128 88 2 0 76 110 58 57 185 69 54 59 38	22 21 18 27 23 19 19 23 22 20 23 23 22 22 20 16 22 24 20 21 18 21 19 19	152 202 289 71 152 231 176 90 150 261 71 71 163 150 122 200 140 65 69 128 152 106 106 240 116 104 113 87	20504 20412 20268 20250 20056 19304 18392 18124 17908 17800 17480 17434 17292 16940 16560 16416 15752 15696 15000 14742 12600 12516 12426* 12220 12122 11664 11356 11268*
Single Oper Call VE3JM VE3NNT VE6BBP VE6TL VA3AR KM6Z K8NVR N5AW VE3KP VA1MM VE3AQ KR2AA VE3KIU N8AA W9RE N4CW K4WW VE3FP VE3OI VA7ST K7JQ WB8JUI VA3EC	0 rator All Ba Cdn 338 245 248 203 211 192 200 187 156 179 186 202 186 194 185 177 186 151 160 122 155 161 133 161	0 nd CW RAC 15 21 20 17 11 16 19 14 10 5 8 10 8 11 15 9 12 7 7 10 10 10 8 11 5	DX 1361 999 877 691 692 411 6 156 505 549 426 363 463 295 0 350 274 463 549 480 335 286 321 428	Mult 49 50 48 46 41 36 46 44 39 36 37 36 38 46 37 36 38 46 37 36 38 46 37 36 38 46 37 36 36 37 36 36 37 36 36 37 36 37 37 37 38 38 38 38 38 38 38 38 38 38 38 38 38	1 QSO 1714 1265 1145 911 914 619 225 357 671 733 620 575 657 500 200 536 472 621 716 612 500 455	2 Score 313698** 243400 222432* 172592 152274 110232* 110032 108328* 108030 107568* 106264 106056* 104500 98900* 98050* 95328 87584 85140 83300* 82280* 81970 78912 76980	WOPF K1YUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT N4UM VA7VK W0UY AIGDO VE3FH NN4NN N5XE VA3FF VE3QO W8OV AA4DD KG1V VA7KH VA3EON PY2KC VE3EY WU6X K1CTR KOTC F5JU VE1ZU	65 71 64 67 62 58 68 58 62 37 66 59 53 52 64 67 50 61 63 49 36 48 44 45 53 44 46 53 44	6 0 2 4 4 5 4 8 1 4 5 8 2 3 4 5 2 2 6 3 6 0 5 2 3 4 1 6 3 4 1 6 3 3 4 1 6 3 4 1 6 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3	81 131 223 0 86 168 104 24 87 220 0 4 108 95 54 128 88 2 0 76 110 58 57 185 69 54 59 59	22 21 18 27 23 19 19 23 22 20 23 23 22 20 16 22 24 20 21 18 21 19 19 19 19 19 19 19 19 19 19 19 19 19	152 202 289 71 152 231 176 90 150 261 71 71 163 150 122 200 140 65 69 128 152 106 106 240 116 104 113 87	20504 20412 20268 20250 20056 19304 18392 18124 17908 17480 17434 17292 16940 16560 16416 15752 15660 14742 12600 12516 12426* 12220 12122 11664 11356 11268* 11268*
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Single Oper Call VE3JM VE3JM VE3MNT VE6BBP VE6TL VA3AR KM6Z K8NVR N5AW VE3KP VA1MM VE3AQ KR2AA VE3KIU N8AA W9RE N4CW K4WW VE3FP VE3OI VA7ST K7JQ WB8JUI VA3WB VA3EC VE3TM K8MP VE3VN VE7JKZ VE7CA VA3SB N4TB VE9VIC	0 rator All Ba Cdn 338 245 248 203 211 192 200 187 156 179 186 202 186 194 185 177 186 151 160 122 155 161 133 161 133 161 138 158 113 118 121 127 141 122	0 nd CW RAC 15 21 20 17 11 16 19 14 10 5 8 10 8 11 15 9 12 7 7 10 10 8 11 5 3 9 4 10 9 10 5	DX 1361 999 877 691 692 411 6 156 505 549 426 363 463 295 0 350 274 463 549 480 335 286 321 428 373 280 383 290 349 475 158 324	Mult 49 50 48 46 41 36 46 44 39 36 37 36 38 46 37 36 38 46 37 36 36 37 36 36 37 36 36 37 36 36 37 36 36 37 36 36 37 37 36 37 37 37 37 37 37 37 37 37 37 37 37 37	1 QSO 1714 1265 1145 911 914 619 225 357 671 733 620 575 657 500 200 536 472 621 716 612 500 455 465 594 514 447 500 418 479 611 309 451	2 Score 313698** 243400 222432* 172592 152274 110232* 110032 108328* 108030 107568* 106056* 106056 104500 98900* 98050* 95328 87584 85140 83300* 82280* 81970 78912 76980 69952 69600 69160 68600 64728 62400 61632 61008*	WOPF K1YUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT N4UM VA7VK W0UY AI6DO VE3FH NN4NN N5XE VA3FF VE3QO W8OV AA4DD KG1V VA7KH VA3EON PY2KC VE3EY WU6X K1CTR KOTC F5JU VE1ZU NJ8J W3WHK VO1BQ WX4G N9KR KE2D PY4ARS AF4T	65 71 64 67 62 58 68 58 62 37 66 59 53 52 64 67 50 61 63 49 36 48 44 53 44 46 53 43 45 43 47 36 37 46 48 43 43 43 43 43 43 43 43 43 43	6 0 2 4 4 5 4 8 1 4 5 8 2 3 4 5 2 2 6 3 6 0 5 2 3 4 1 6 3 1 2 3 5 2 3 5 4	81 131 223 0 86 168 104 24 87 220 0 4 108 95 54 128 88 2 0 76 110 58 57 185 69 54 59 38 59 70 111 118 92 49 49 49 49 49 40 40 40 40 40 40 40 40 40 40	22 21 18 27 23 19 19 23 22 20 23 23 22 20 16 22 24 20 21 18 21 19 13 19 13 19 18 17 18 17 18 17 18 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	152 202 289 71 152 231 176 90 150 261 71 71 163 150 122 200 140 65 69 128 152 106 106 240 113 87 107 114 160 157 134 97 122 122 106 107 114 107 114 107 115 115 115 116 116 117 116 116 116 116 116 116 116	20504 20412 20268 20250 20056 19304 18392 18124 17908 17480 17434 17292 16940 16560 16416 15752 15696 15000 14742 12600 12516 12426* 12220 12122 11664 11356 11268* 10676 10620 10248 9840* 9810 9858 99548 9324 9324
Single Oper Call VE3JM VE3JM VE3NNT VE6BBP VE6TL VA3AR KM6Z K8NVR N5AW VE3KP VA1MM VE3AQ KR2AA VE3KIU N8AA W9RE N4CW K4WW VE3FP VE3OI VA7ST K7JQ WB8JUI VA3WB VA3EC VE3TM K8MP VE3VN VE7JKZ VE7CA VA3SB N4TB VE9VIC KN7T	0 rator All Ba Cdn 338 245 248 203 211 192 200 187 156 179 186 202 186 194 185 177 186 151 160 122 155 161 133 161 138 158 113 118 121 127 141 122 119	0 nd CW RAC 15 21 20 17 11 16 19 14 10 5 8 10 8 11 15 9 12 7 7 10 10 8 11 5 3 9 4 10 9 9 10 5 11	DX 1361 999 877 691 692 411 6 156 505 549 426 363 463 295 0 350 274 463 549 480 335 286 321 428 373 280 383 290 349 475 158 324 231	Mult 49 50 48 46 41 36 46 44 39 36 37 36 38 46 37 36 38 46 37 36 32 30 35 35 31 26 32 31 32	1 QSO 1714 1265 1145 911 914 619 225 357 671 733 620 575 657 500 200 536 472 621 716 612 500 455 465 594 514 447 500 418 479 611 309 451 361	2 Score 313698** 243400 222432* 172592 152274 110232* 110032 108328* 108030 107568* 106056 104500 98900* 98050* 98328 87584 85140 83300* 82280* 81970 78912 76980 69952 69600 69160 68600 64728 62400 61632 61008* 59904	WOPF K1YUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT N4UM VA7VK W0UY AIGDO VE3FH NN4NN N5XE VA3FF VE3QO W80V AA4DD KG1V VA7KH VA3EON PY2KC VE3EY WU6X K1CTR K0TC F5JU VE1ZU NJ8J W3WHK VO1BQ WX4G N9KR KE2D PY4ARS AF4T K6JS	65 71 64 67 62 58 68 58 62 37 66 59 53 52 64 67 50 61 63 49 36 48 44 45 53 44 46 53 44 46 53 47 36 48 47 36 48 48 49 49 40 40 40 40 40 40 40 40 40 40 40 40 40	6 0 2 4 4 5 4 8 1 4 5 8 2 3 4 5 2 2 6 3 6 0 5 2 3 4 1 6 3 1 2 3 5 2 3 5 4 2	81 131 223 0 86 168 104 24 87 220 0 4 108 95 54 128 88 2 0 76 110 58 57 185 69 54 59 70 111 118 92 49 71 39 49 40 40 40 40 40 40 40 40 40 40	22 21 18 27 23 19 19 23 22 20 23 23 22 20 16 22 24 20 21 18 21 19 13 19 13 19 18 17 18 17 18 17 18 17 18 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	152 202 289 71 152 231 176 90 150 261 71 71 163 150 122 200 140 65 69 128 152 106 106 240 116 104 113 87 107 114 160 157 134 97 122 78 78 78 78 78 78 78 78 78 78 78 78 78	20504 20412 20268 20250 20056 19304 18392 18124 17908 17480 17434 17292 16940 16560 16416 15752 15696 15000 14742 12600 12516 12426* 12220 12122 11664 11356 11268* 10676 10620 10248 9840* 9810 9810 9810 9810 9810 9810 9830
Single Oper Call VE3JM VE3JM VE3MNT VE6BBP VE6TL VA3AR KM6Z K8NVR N5AW VE3KP VA1MM VE3AQ KR2AA VE3KIU N8AA W9RE N4CW K4WW VE3FP VE3OI VA7ST K7JQ WB8JUI VA3WB VA3EC VE3TM K8MP VE3VN VE7JKZ VE7CA VA3SB N4TB VE9VIC	0 rator All Ba Cdn 338 245 248 203 211 192 200 187 156 179 186 202 186 194 185 177 186 151 160 122 155 161 133 161 133 161 138 158 113 118 121 127 141 122	0 nd CW RAC 15 21 20 17 11 16 19 14 10 5 8 10 8 11 15 9 12 7 7 10 10 8 11 5 3 9 4 10 9 10 5	DX 1361 999 877 691 692 411 6 156 505 549 426 363 463 295 0 350 274 463 549 480 335 286 321 428 373 280 383 290 349 475 158 324	Mult 49 50 48 46 41 36 46 44 39 36 37 36 38 46 37 36 38 46 37 36 36 37 36 36 37 36 36 37 36 36 37 36 36 37 36 36 37 37 36 37 37 37 37 37 37 37 37 37 37 37 37 37	1 QSO 1714 1265 1145 911 914 619 225 357 671 733 620 575 657 500 200 536 472 621 716 612 500 455 465 594 514 447 500 418 479 611 309 451	2 Score 313698** 243400 222432* 172592 152274 110232* 110032 108328* 108030 107568* 106056* 106056 104500 98900* 98050* 95328 87584 85140 83300* 82280* 81970 78912 76980 69952 69600 69160 68600 64728 62400 61632 61008*	WOPF K1YUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT N4UM VA7VK W0UY A16DO VE3FH NN4NN N5XE VA3FF VE3QO W8OV AA4DD KG1V VA7KH VA3EON PY2KC VE3EY W16X K1CTR KOTC F5JU VE1ZU NJ8J W3WHK V01BQ WX4G N9KR KE2D PY4ARS AF4T K6JS VE3EJ	65 71 64 67 62 58 68 58 62 37 66 59 53 52 64 67 50 61 63 49 36 48 44 46 53 43 47 36 48 43 47 36 48 49 37 40 40 40 40 40 40 40 40 40 40	6 0 2 4 4 5 4 8 1 4 5 8 2 3 4 5 2 2 6 3 6 0 5 2 3 5 4 1 6 3 5 2 3 5 4 2 3 5 4 2 3 5 4 2 3 5 4 2 3 5 4 4 2 3 5 4 4 5 5 4 2 3 5 5 4 4 2 3 5 4 4 2 3 5 4 4 2 3 5 4 4 2 3 5 4 4 2 3 5 4 4 2 3 5 4 4 5 5 4 5 4 5 5 4 5 4 5 5 4 5 4 5	81 131 223 0 86 168 104 24 87 220 0 4 108 95 54 128 88 2 0 76 110 58 57 185 69 54 59 38 59 70 111 118 92 49 71 39 40 40 57 69 70 70 70 70 70 70 70 70 70 70	22 21 18 27 23 19 19 23 22 20 23 23 22 22 20 16 22 24 20 21 18 21 19 13 19 18 17 18 17 18 17 18 17 18 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	152 202 289 71 152 231 176 90 150 261 71 71 163 150 122 200 140 65 69 128 152 106 106 240 116 104 113 87 107 114 160 157 134 97 122 78 63 77 100	20504 20412 20268 20250 20056 19304 18392 18124 17908 17480 17434 17292 16940 16560 16416 15752 15660 14742 12600 12516 12426* 12220 12122 11664 11356 11268* 10676 10620 10248 9840* 9840* 9840* 9810 9568 9548 9324 9180 8930 8704
Single Oper Call VE3JM VE3JM VE3MNT VE6BBP VE6TL VA3AR KM6Z K8NVR N5AW VE3KP VA1MM VE3AQ KR2AA VE3KIU N8AA W9RE N4CW K4WW VE3FP VE3OI VA7ST K7JQ WB8JUI VA3WB VA3EC VE3TM K8MP VE3VN VE7JKZ VE7CA VA3SB N4TB VE9VIC KN7T WB9HFK	0 rator All Ba Cdn 338 245 248 203 211 192 200 187 156 179 186 202 186 194 185 177 186 151 160 122 155 161 133 161 138 158 113 118 121 127 141 122 119 128 134 114	0 nd CW RAC 15 21 20 17 11 16 19 14 10 5 8 10 8 11 15 9 12 7 10 10 8 11 5 3 9 4 10 9 10 5 11 7 7 6	DX 1361 999 877 691 692 411 6 156 505 549 426 363 463 295 0 350 274 463 549 480 335 286 321 428 373 280 383 290 349 475 158 224 231 241	Mult 49 50 48 46 41 36 46 44 39 36 37 36 38 46 37 36 38 46 37 36 33 35 34 35 36 37 36 37 36 37 36 37 36 37 37 36 37 37 37 38 38 38 38 38 38 38 38 38 38 38 38 38	1 QSO 1714 1265 1145 911 914 619 225 357 671 733 620 575 657 500 200 536 472 621 716 612 500 455 465 594 514 447 500 418 479 611 309 451 361 376	2 Score 313698** 243400 222432* 172592 152274 110232* 110032 108328* 108030 107568* 106056* 106056* 106056* 106056* 104500 98900* 98050* 95328 87584 85140 83300* 82280* 81970 78912 76980 69952 69600 69160 68600 68600 64728 62400 61632 61008* 59904 58962	WOPF K1YUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT N4UM VA7VK WOUY A16DO VE3FH NN4NN N5XE VA3FF VE3QO W8OV AA4DD KG1V VA7KH VA3EON PY2KC VE3EY WU6X K1CTR KOTC F5JU VE1ZU NJ8J W3WHK VO1BQ WX4G N9KR KE2D PY4ARS AF4T K6JS VE3EJ VE3WH	65 71 64 67 62 58 68 58 62 37 66 59 53 52 64 67 50 61 63 49 36 48 44 45 33 43 44 46 53 43 45 47 36 48 49 36 48 49 40 40 40 40 40 40 40 40 40 40	6 0 2 4 4 5 4 8 1 4 5 8 2 3 4 5 2 2 6 3 6 0 5 2 3 5 4 5 4 5 2 3 5 4 5 4 5 2 3 5 4 5 2 3 5 4 5 4 5 2 3 5 4 5 4 5 2 3 5 4 5 4 5 2 3 5 4 5 4 5 5 4 5 5 4 5 5 4 5 5 4 5 5 5 4 5 5 5 5 5 4 5	81 131 223 0 86 168 104 24 87 220 0 4 108 95 54 128 88 2 0 76 110 58 57 185 69 54 59 38 59 70 111 118 92 49 40 40 40 40 57 57 57 57 57 57 57 57 57 57	22 21 18 27 23 19 19 23 22 20 23 23 22 22 20 16 22 24 20 21 18 21 19 13 19 18 17 18 17 18 17 18 17 18 17 18 16 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	152 202 289 71 152 231 176 90 150 261 71 71 163 150 122 200 140 65 69 128 152 106 240 116 104 113 87 107 114 160 157 134 97 122 78 63 77 100 96	20504 20412 20268 20250 20056 19304 18392 18124 17908 17480 17434 17292 16940 16560 16416 15752 15696 15000 14742 12600 12516 12426* 12220 12122 11664 11356 11268* 10676 10620 10248 9840* 9810 9568 9548 9324 9180 8930 8794 88930 8794 8810
Single Oper Call VE3JM VE3NNT VE6BBP VE6TL VA3AR KM6Z K8NVR N5AW VE3KP VA1MM VE3AQ KR2AA VE3KIU N8AA W9RE N4CW K4WW VE3FP VE3OI VA7ST K7JQ WB8JUI VA3WB VA3WB VA3EC VE3TM K8MP VE3VN VE7JKZ VE7CA VA3SB N4TB VE9VIC KN7T WB9HFK WR4T	0 rator All Ba Cdn 338 245 248 203 211 192 200 187 156 179 186 202 186 194 185 177 186 151 160 122 155 161 133 161 138 158 113 118 121 127 141 122 119 128 134	0 nd CW RAC 15 21 20 17 11 16 19 14 10 5 8 10 8 11 15 9 12 7 10 10 8 11 5 3 9 4 10 9 9 10 5 11 7 7	1 DX 1361 999 877 691 692 411 6 156 505 549 426 363 463 295 0 350 274 463 549 480 335 286 321 428 373 280 383 290 349 475 158 324 231 241 189	Mult 49 50 48 46 41 36 46 44 39 36 37 36 38 46 37 36 38 46 37 36 37 36 37 36 37 36 37 36 37 36 37 36 37 36 37 36 37 37 36 37 37 37 37 37 37 37 37 37 37 37 37 37	1 QSO 1714 1265 1145 911 914 619 225 357 671 733 620 575 657 500 200 536 472 621 716 612 500 455 465 594 514 447 500 418 479 611 309 451 309 451 309 301 309 471 309 472 473 474 575 475 575 575 575 575 575	2 Score 313698** 243400 222432* 172592 152274 110232* 110032 108328* 108030 107568* 106056 104500 98900* 98050* 95328 87584 85140 83300* 82280* 81970 78912 76980 69952 69600 69160 68600 64728 62400 61632 61008* 59904 58962 55740	WOPF K1YUT VE1ANU K8MR K2NV VE7VR W4NZ KEOTT N4UM VA7VK W0UY A16DO VE3FH NN4NN N5XE VA3FF VE3QO W8OV AA4DD KG1V VA7KH VA3EON PY2KC VE3EY W16X K1CTR KOTC F5JU VE1ZU NJ8J W3WHK V01BQ WX4G N9KR KE2D PY4ARS AF4T K6JS VE3EJ	65 71 64 67 62 58 68 58 62 37 66 59 53 52 64 67 50 61 63 49 36 48 44 46 53 43 47 36 48 43 47 36 48 49 37 40 40 40 40 40 40 40 40 40 40	6 0 2 4 4 5 4 8 1 4 5 8 2 3 4 5 2 2 6 3 6 0 5 2 3 5 4 1 6 3 5 2 3 5 4 2 3 5 4 2 3 5 4 2 3 5 4 2 3 5 4 4 2 3 5 4 4 5 5 4 2 3 5 5 4 4 2 3 5 4 4 2 3 5 4 4 2 3 5 4 4 2 3 5 4 4 2 3 5 4 4 2 3 5 4 4 5 5 4 5 4 5 5 4 5 4 5 5 4 5 4 5	81 131 223 0 86 168 104 24 87 220 0 4 108 95 54 128 88 2 0 76 110 58 57 185 69 54 59 38 59 70 111 118 92 49 71 39 40 40 57 69 70 70 70 70 70 70 70 70 70 70	22 21 18 27 23 19 19 23 22 20 23 23 22 22 20 16 22 24 20 21 18 21 19 13 19 18 17 18 17 18 17 18 17 18 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	152 202 289 71 152 231 176 90 150 261 71 71 163 150 122 200 140 65 69 128 152 106 106 240 116 104 113 87 107 114 160 157 134 97 122 78 63 77 100	20504 20412 20268 20250 20056 19304 18392 18124 17908 17480 17434 17292 16940 16560 16416 15752 15660 14742 12600 12516 12426* 12220 12122 11664 11356 11268* 10676 10620 10248 9840* 9840* 9810 9568 9548 9324 9180 8930 8704

In the followin	na charts S	core* = Ce	rtificate Winr	ner: Score** -	- Plague Wir	ner: Call∧ =	Rookie; Call* = A	ssumed Hial	n Power: Ca	ıll# — Distril	huted Multi	-Multi	
N5CW	47	0	112	11	159	7634	: OK1AOU	3	0 0	13	2	16	112
K4EU	41	2	57	12	100	6768	VE2IRF	3	0	8	2	11	92
N1CEO	29	1	70	15	100	6750	BH4BFS	0	0	17	1	17	34*
N6GP	35	3	5	16	43	6720	IU0JGN	0	0	16	1	16	32*
NN4SS	43	2	1	14	46	6608	JA3JM	1	0	7	1	8	24
VE1GN	32	2	39	15	73	6570	RA3XCZ	1	0	5	1	6	20*
K7ZYV KW4EE	38 32	2 2	6 50	15 14	46 84	6480 6440	JA8RWU UA3DSN	0 1	0 0	5 0	1 1	5 1	10 10
KW8N	26	1	89	14	116	6412	HS0ZME	0	0	3	1	3	6*
N5KO	33	1	10	17	44	6290	TISOZIVIE	Ü	O	3	'	3	O
VE3XL	36	2	101	10	139	6020	Single Opera	tor All Band	d Phone				
VA2EBI	31	1	85	12	117	6000	Call	Cdn	RAC	DX	Mult	QSO	Score
K4TZ	30	1	69	13	100	5954	VWB0TEV	461	23	395	45	879	263700**
WAOLIF	43	1	0	13	44	5850	VA3MW	215	18	278	37	511	113442*
WU4B VA3IK	33 29	4 2	0 113	14 10	37 144	5740 5560	VE6FI	284	8	422	29	714	111476*
PY3TD	32	4	35	11	71	5170	VE6KD	263	14	266	32	543	110144
WA8MDC/4	22	3	56	12	81	4704	VA3OK KD3GC	232 146	11 11	361 200	25 37	604 357	81550 76960*
KB9S	26	5	33	11	64	4686	KE6GFI	195	19	33	30	247	71880*
KH7Y	28	1	11	14	40	4508	VO1KVT	117	20	146	28	283	52136*
VE5VA	25	6	24	10	55	4180	KI5MM	118	17	34	30	169	47640
K6CTA	26	3	11	12	40	4104	VA2CF	110	18	60	28	188	44240*
DL1VJL W4NBS	18 30	4 1	40 18	12 11	62 49	4080* 3916	VE7DX	149	7	110	22	266	40700*
VY2DM	27	2	18	11	47	3806*	VE3HZ	92	18	55	29	165	40310
N8VWY	24	3	22	11	49	3784	VE3AC	96	13	35	30	144	38700
GM4UBJ	15	3	93	9	111	3564*	W5RJJ	72	23	0	32	95	37760
VE2GHI	14	2	44	13	60	3484	VA3TPS	112	11	141	22	264	35684
KF3G	19	1	26	13	46	3406	VE3IDT VE6EC	72 80	20 11	43 58	28 29	135 149	33768
K7AZT	32	1	0	10	33	3400	WU2X	118	9	78	29	205	32944 31836*
EA5KO VE3LVW	21 25	2 0	42 10	10 12	65 35	3340*	VE3IQZ	56	12	36	31	104	27032
K4BRU	23	1	14	12	35 37	3240 3216	VE3BFU	65	15	22	27	102	26838
KC4WQ	21	4	0	11	25	3190	KK4ADQ	77	15	22	24	114	26736
KE8GC^	20	2	25	11	47	3190	VE2IAA^	84	8	64	23	156	25944
K2WK	18	2	33	11	53	3146	VA3GD	75	12	66	23	153	25806
EI8GP	15	2	34	12	51	3096*	VE1CNS	69	13	56	23	138	24426*
JO7KMB	19	4	37	9	60	3096*	VE1CHL	76	13	40	21	129	23100
VE5VG	24	0	32 20	10	56 30	3040	VA3WEB	49	15	40	26	104	22620
N3XL DF6RI	17 13	2 3	53	12 10	39 69	3000 2960	KE9YK	50	15	26	26 21	91 106	22152*
VE2QV	14	2	33	12	49	2952	VE3LDY VA3OGG^	64 61	18 14	24 27	23	106 102	22008 21712
OK2QX	16	3	54	9	73	2952*	KB9FPY	45	16	33	25	94	20900
VE3HG	23	0	48	9	71	2934	AB2TC	56	15	3	24	74	20784
K8VA	25	1	4	10	30	2780	VE3IJM	53	14	29	23	96	19964
KO4GBD^	16	1	15	11	32	2310	VE5DLC	86	6	165	15	257	19650*
EA7AAW K1LHO	13 17	2 1	30 34	10 8	45 52	2300 2064	VE1RPX^	46	14	33	24	93	19344
VE3YAA	16	1	36	8	53	2004	K8DP	41	18	0	24	59	18480*
AE7I	15	2	0	10	17	1900	VE3YX	54	11	34	22	99	18216
KN6BAZ	13	3	19	8	35	1824	VA3XAP VA3OOL^	42 61	15 19	27 21	22 15	84 101	17028 15480
CT1ELZ	16	1	23	8	40	1808*	VA2HKR	37	15	32	21	84	15414
WA2BCK	12	0	38	9	50	1764	WA2CNV	41	13	30	21	84	15330
N0BM W6NKR	20 21	0 1	0	8 7	20	1600 1610	N1DFD	65	7	80	16	152	15200*
N1NN	15	0	21	8	22 36	1536	KB1RVU	69	8	45	16	122	15040
K5GQ	21	0	1	7	22	1484	VA3DCB	45	13	17	20	75	14880
LA1U	17	0	21	7	38	1484*	VY2GF	51	10	29	19	90	14592*
W1NN	9	3	2	9	14	1386	VA3KRT	45	12	26	19	83	14098
N8HWV	8	2	17	8	27	1232	N3DUE	45	10	26	20	81	14040*
VE7ARN	7	3	10	8	20	1200	VE3OOZ AB1EP	54 53	10 8	37 0	17 20	101 61	13838 13800
EW1TO N1MHV	11 10	1 1	26 0	6 9	38 11	1092* 1080	VA3RSA	33	11	31	22	75	13464
PU2WMW	11	2	25	5	38	1000	N1FR	48	12	0	18	60	12960
LU5YF	8	1	33	6	42	996	VE3KGK	38	13	0	20	51	12800
KG7MVH	9	1	5	8	15	960	W2WCM	44	8	28	19	80	12464
EA2SN	9	1	5	7	15	840	NC4MI	39	11	12	18	62	11412
KB7AK	8	2	0	7	10	840	VA7CTG^	35	11	15	19	61	11400
N9CX	12	0	0	7	12	840	VE5WD	39	8	23	19	70	11324
PY2BBQ W0GXA	8	0	21	6 5	29	732	KOSV	44	13	20	15	77	11100*
LQ3D	12 9	0 1	13 18	4	25 28	730 584	VE4CWF	38	8	54	17	100	11016*
AC4G	16	1	0	3	17	540	VA1JON	34	8	23	20	65 54	10920
N6RSH	9	1	12	4	22	536	K7XE VA3BLW^	40 31	8 9	6 19	19 20	54 59	10868* 10560
W2CLA	6	0	23	5	29	530	VE6CLG^	35	9	26	18	70	10360
YL3JI	6	1	11	5	18	510*	VA3UAP^	32	11	20	18	63	10470
LW1D	9	0	17	4	26	496	VE3RVZ	33	9	12	19	54	10146
SP2GMA	8	1	18	3	27	408*	VE7YAH	21	13	17	20	51	10080
N4HAI JK1HIY	8 5	0 1	0 3	5 5	8 9	400 380	VY2DS	73	2	70	11	145	10010
DL2LDE	5 7	0	2	5	9	370	VE7KPM	24	9	2	23	35	9752
EA5DO	4	1	7	5	12	370	VA3YVE^	39	5	18	18	62	9468
N9BT	6	1	0	4	7	320	VE2HAY	35	7	13	17	55	8772
PY1NP	5	1	0	4	6	280	VE3GRA	33	8	12 15	16 10	53 47	8224
K6TPS^	3	1	0	4	4	200	N8PPF N7AME	24 32	8 7	15 23	19 16	47 62	8170 8096
SV1CEI	5	0	11	2	16	144*	: IN/AIVIL	32	,	۷3	10	02	0090

In the followir	ng charts Sco	re* = Certi	ficate Winne	er; Score** :	= Plaque Wi	nner; Call^ =	Rookie; Call* =	Assumed Hig	gh Power;	Call# = Distri	buted Multi	i-Multi	
KE8NBC	33	7	16	16	56	8032	KOTJT	6	2	9	6	17	708
KOSCO	26	9	0	18	35	7920	VA1PYE	6	1	11	6	18	612
VE6SPS	35	5	42	14	82	7476	N6JSO^	8	1	5	5	14	550
VE3VAI	27	8	16	16	51	7392	VE3SYZ	5	2	0	5	7	450
VA7YJJ	30	7	17	15	54	7110	VA3TPV	3	2	2	5	7	370
VE3ZLG	27	6	14	17	47	7106	WB8JAY	6	1	2	4	9	336
VA7USD^	23	6	22	18	51	7092	W0WLA	5	1	5	4	11	320
N1ADX	21	9	2	18	32	7092	KG7WFQ	4	1	10	4	15	320
VA7USD^	23	6	22	18	51	7092	WA6FWN	7	0	3	4	10	304
VE3FTM	31	8	0	15	39	7050	VE5ZC	7	1	5	3	13	300
W2VDZ	15	9	0	21	24	6930	W6AGZ	1	3	1	4	5	288
VE3HNA	30	5	14	16	49	6848	N2LDV	6	0	3	4	9	264
VA3PB	21	9	17	16	47	6784	WB4MM	4	1	2	4	7	256
VA7RYL^	27	7	9	15	43	6420	VE3EAX	3	1	1	3	5	156
KA0JQH^	19	8	2	18	29	6372	VE3L/IX	4	0	0	2	4	80
	18	8	28	16	54		K4EES	0	0	36	1	36	72
VA7EGZ					50	6336		0	1	0		1	20
VE3JZT^	20	9	21	15		6330	AE6YB	U	'	U	1	1	20
KV4ZY	23	7	0	17	30	6290				_			
N1SEP	23	9	17	14	49	6216		tor Single Op					_
VE9TNT	23	6	16	16	45	6112*	Call	Cdn	RAC	DX	Mult	QSO	Score
VA3SXP	27	7	8	14	42	5964	VE9RAC	307	22	419	77	748	334796**
VE3TLY	34	6	10	12	50	5760	WT8WV	136	28	67	57	231	117078*
HK3C	36	3	29	12	68	5736	VE3GFN	152	14	321	46	487	112332*
VE7SFW	26	5	24	14	55	5712	VA4HZ	110	25	115	51	250	93330*
VE3MLM	25	7	5	14	37	5600	NF3R	119	13	90	51	222	83130*
WA1ZYX	23	8	0	14	31	5460	VE4GKM	164	18	119	30	301	67140
VE9WRS	25	5	16	14	46	5348	VE2FK	124	8	286	30	418	59160*
VE3BKM^	28	5	14	13	47	5304	N9UA	115	9	176	32	300	53824*
VE7PT	19	8	14	14	41	5292	VE3CWP	108	10	195	31	313	51770
VE3XRC	34	4	6	12	44	5184	AB1J	116	8	242	28	366	50512*
K6ES	13	8	5	17	26	5100	VA3IDD	101	21	90	31	212	49910
N2OMD	22	5	16	13	43	4576	VE4DL	75	16	71	40	162	48480
VE6FT	23	3	15	14	41	4480	K4RUM	108	2	203	31	313	47306*
VE4WJM	18	7	15	12	40	4200	N5SJ	127	10	99	28	236	46704*
VE3NQM	20	6	0	13	26	4160	VA3ROC	69	19	60	36	148	42840
VA3ZLS^	19	4	11	12	34	3504	N4DW	88	8	106	32	202	40064*
VA3BAH	22	4	8	11	34	3476	VE3FZ	68	10	47	38	125	37012
F4HZZ	14	5	12	13	31	3432	VA3NGE	58	13	60	36	131	34560
VA3KRJ^	19	6	14	10	39	3380	KM4FO	81	4	151	28	236	33376
VA3RMU	21	6	0	10	27	3300	KC3M	106	6	0	27	112	31860
VE7LSE	28	2	3	10	33	3260	K3ZA	90	5	0	31	95	31000
VE3DNM	16	4	11	12	31	3144	WW2P	67	14	19	30	100	29640
NW5Q	15	5	2	12	22	3048	WA1HEW	74	8	131	25	213	29050
VE3RYA	23	4	12	9	39	3006	VO1HP	72	6	97	27	175	27918*
K6KTS	13	7	15	10	35	3000	VE7ZX	50	12	85	30	147	27300*
VA7FB^	11	7	9	11	27	2948	K0HB	70	5	25	31	100	26350*
VA2CO	19	6	5	9	30	2880	NW2K	61	5	97	28	163	25312
VA3ONO	10	5	15	11	30	2530	K5LY	80	7	32	24	119	24096
VE3RR^	18	6	6	8	30	2496	AE0DX	53	7	17	34	77	23936
VA3CME	19	4	15	8	38	2400	KD8JDC	55	7	64	29	126	23722
K1LOK	13	5	13	9	31	2304	W5GCX	60	6	0	32	66	23040
VE1TWM	14	5	6	9	25	2268	K3PP	73	4	53	25	130	22900
VE3ISO	22	4	1	7	27	2114	KC3QVQ^	57	14	27	25	98	22600
WP4RF	8	5	9	10	22	1980	K6ZH	77	8	20	23	105	22310*
VA1CQ	23	1	13	7	37	1932	WN6W	61	8	6	27	75	21114*
VY1FC	15	3	10	8	28	1840*	AA0AI	57	12	0	26	69	21060
VA3QB	15	3	9	8	27	1824	W2CS	63	3	88	24	154	20784
VE3FCQ^	12	3	11	9	26	1818	K2MK	60	8	91	22	159	20724
K3EFS	12	4	0	9	16	1800	AA0AW	74	6	85	20	165	20600
KD2REH^	12	3	12	8	27	1632	KB2URI	54	3	39	27	96	18306
N8WCP	13	3	6	8	22	1616	VE2FU	50	4	191	19	245	18278
VA2KD	16	3	4	7	23	1596	N3AML^	43	8	64	25	115	17950
W9VTD	15	2	16	7	33	1554	VE1RF	49	11	26	23	86	17526*
Al6LY	9	3	1	10	13	1520	KM4IAJ	35	15	10	25	60	16750
KW4LU	9	5	0	8	14	1520	VA6MA	41	12	1	25	54	16300*
K7STU	14	3	4	7	21	1456	KE8PX	52	4	51	23	107	16146
VA3ACE	7	5	5	8	17	1440	WT9U	57	4	61	20	122	15440
VA6AN	14	3	20	6	37	1440	KD8VRX	41	14	3	22	58	15312
KC3JPP	10	2	1	9	13	1278	VE7AX	37	6	75	23	118	14720
NODIM	8	3	0	9	11	1260	N9TF	61	2	72	18	135	14292
W8XAL	17	1	6	6	24	1212	VE2VAB	51	3	111	18	165	14256
KF8MZ	13	1	0	8	14	1200	VA3PM	48	2	60	22	110	14080
WI1N^	20	1	40	4	61	1200	VE2GHO	52	8	75	16	135	13280
AA5AH	11	1	0	9	12	1170	NJ4Q	55	4	16	20	75	13240
VA3EEB	10	2	5	7	17	1050	N4NTO	42	4	56	21	102	12852
KA7RON	6	3	0	8	9	960	W4CMG	52	4	2	20	58	12080
KB2R	8	4	0	6	12	960	K8BL	57	1	100	15	158	11850
VA3CBN^	12	1	8	6	21	936	WN4AFP	41	3	46	21	90	11802
VE3KRU^	7	3	3	6	13	816	VA2WA	37	3	112	18	152	11772
W8LYO^	9		0	6 7									
		1			10 12	770 722	WA9PND	33	14	1	19 10	48	11628
KIOR	10	1	1	6	12	732	KE8RCI^	44	10	0	18	54	11520
WA5SWN	9	2	8	5	19	730	K4IU	40	5	65 45	18	110	11340
NB4F	7	2	5	6	14	720	K8BB	48	0	45	19	93	10830

In the followi	ing charts So	core* = Cer	rtificate Wir	nner; Score** =	Plaque Wi	nner; Call^ =	Rookie; Call* =	Assumed H	igh Power;	Call# = Dis	tributed Mu	ulti-Multi	
W6GMT	46	3	75	16	124	10720	EA3BV	1	0	35	1	36	80*
W1JGM	47	7	25	16	79	10560	LB4MI	2	0	3	2	5	52*
K4MQM SM6F	42 43	5 6	1 43	20 16	48 92	10440 10176*	YV5RAB KD9LTN	2 2	0 0	2 0	2 2	4 2	48* 40
KD6WKY	42	7	1	18	50	10176	OM8MF	2	0	3	1	5	26*
KI6OY	58	5	12	14	75	9856	PU4BOT	1	0	4	1	5	18
WO1N	32	5	63	18	100	9828	DH4GB	0	0	7	1	7	14
VE7URN	27	12	2	19	41	9766	W4RLB	1	0	0	1	1	10
W4WF	33	5	66	17	104	9554	M0SQC	1	0	0	1	1	10
VE9KK NU4N	33 38	4 6	84 0	16 18	121 44	9248 9000	VE2KHC	0	0	2	1	2	4
OK1RDO	32	5	82	15	119	8760*		ator Single		_			
VA3ATB	37	8	7	16	52	8704	Call	Cdn	RAC	DX	Mult	QSO	Score
VA7UI	34	3	38	18	75	8568	VE6SV VE9XX	521 472	36 34	## 812	102 79	1780 1318	854352** 554896*
WB2WPM	39	2	32	17	73	8398	K3AJ	454	46	369	86	869	533028*
K5YX	34	5	0	19	39	8360	KA6BIM	340	44	0	89	384	380920*
G3RLE WD4FMG	37 25	5 3	10 0	16 23	52 28	7840* 7130	N3QE	342	28	362	77	732	362208
KB7JJG	29	6	1	17	36	7004	K9OM	272	23	379	71	674	279598*
VE3HEU	33	5	72	12	110	6888	W3LL	296	35	28	74	359	274984
VA2VT	19	6	17	20	42	6880	K6MMM	294	24	301	67	619	269474*
VA3PAF	25	2	55	17	82	6800	VA7DX KB0V	232 258	21 30	786 103	62 70	1039 391	267344* 237020*
VE3QN	29	2	62	14	93	6356	AA3B	255	9	819	47	1083	205296
VE9MO	31	7	14	13	52	6214	N4SS	185	23	349	63	557	189504
N2DEE	30	4 3	29	14 16	63	6132	AA3S	222	23	199	61	444	187758
VA3RAC KC9JML	31 27	8	5 17	16 13	39 52	6080 6032	VE3TW	237	22	251	54	510	178848*
WX0Z	19	8	25	14	52	5600	KV0I	254	19	255	50	528	171500*
AF8A	31	6	34	11	71	5478	VO2RAC	317	11	309	40	637	160320*
VE3EP	21	7	3	15	31	5340	N4BP	234	15	466	42 40	715	150024
VA6AGR^	20	4	18	14	42	4424	VE7SAR VE7ACN	233 180	12 18	588 613	40	833 811	149840 142212
W4SSF	29	2	19	12	50	4416	K6WSC	224	19	127	42	370	120708
K6MI	22	4	1	14	27	4228	VA3WW	218	26	189	39	433	120042
KA9VVQ AC4MG	14 16	5 7	31 0	14 14	50 23	4228 4200	VE6WQ	191	10	699	34	900	119272
WQ6X	30	1	28	11	59	4136	WA8KAN	162	17	188	51	367	119136*
NE8J	20	1	47	13	68	4082	PY5AMF	122	18	259	50	399	104900
K8WWS	32	1	0	12	33	4080	W9PA	155 128	21 20	1 102	52 54	177 250	102544
WZ0W	29	3	18	10	50	3860	VE3JI VE7AV	295	12	502	23	809	101736 96462
W3IDT	30	1	0	11	31	3520	NN6P	279	11	215	28	505	96320
WA9LEY	28	2	0	11	30	3520	W1AJT	187	18	1	42	206	93744
NG2G VA2YAF	12 15	7 6	4 5	13 12	23 26	3484 3360	WA0MHJ	156	11	252	40	419	91360
VE3WRP	15	5	0	13	20	3250	NN2NN	116	21	1	55	138	87010*
W2LCQ	21	1	29	11	51	3168	K1IB	160	5	264	37	429	82436*
K2QO	25	1	36	9	62	3078	K3WW K2SX	89 143	17 10	4 211	66 39	110 364	81708* 80028
K3MAW	19	2	0	13	21	2990	N6AR	155	12	100	40	267	79600
JA6WFM	15	5	20	10	40	2900*	N4RV	119	19	1	49	139	77028
K2AL	17 16	1 4	14	12 9	32 34	2616	N1SOH	124	10	135	44	269	75240
W1JSR KE8G	25	1	14 34	7	60	2412 2366	N4ZR	168	10	29	38	207	73644
WA4JA	11	4	11	11	26	2332	K4QQG	151	18	146	33	315	71346
AC5XK	18	1	46	6	65	1752	K3TN	133	13	158	37	304	70522
SV9COL	15	0	12	10	27	1740*	VE3PTA N5EP	121 134	23 15	87 29	35 38	231 178	64540 64524
KC9YL	13	1	7	9	21	1476	AC6ZM	140	11	229	31	380	64418
PY1AX	11	4	23	6	38	1416*	M2A	106	13	187	38	306	64372*
VE5EEE W6RQ	9 14	2 2	8 0	9 7	19 16	1314* 1260	AC3LZ^	89	14	45	49	148	61740
WN8Y	11	1	2	9	14	1206	VE6RAC	176	10	183	25	369	58150
KOMD	18	0	23	5	41	1130	WT2P	100	13	132	35	245	53340
W3BHL^	10	2	6	6	18	912	N3AM W65Y	103	10 9	142	35	255	52990
PY5FO	9	2	10	6	21	900	W6SX VE3GJP^	115 129	20	158 225	32 24	282 374	52672 51360
Al1G	6	2	1	7	9	714	PY5QW^	97	17	160	31	274	50530*
K4VTE PY3OZ	3 8	3 0	0	6 4	6 22	540 513	KG4W	127	8	3	35	138	50260
DM6EE	8 6	1	24 11	5	32 18	512 510*	K7IA	74	8	57	45	139	45630*
UC5D	8	1	12	4	21	496*	AK1MD	87	9	65	38	161	44840
LZ2PS	7	1	0	5	8	450*	AE1T	98	8	151	31	257	44702
DK8NT	1	0	206	1	207	422	K1JB	75 76	13 8	40	41	128	44690
VA7VF	3	2	4	5	9	390	VA6BGE^ N5RZ	76 84	13	88 59	37 32	172 156	40552 38976
SE5W	6	1	7	4	14	376	N1KM	96	7	118	29	221	38744
F4FLO K0OO	3 11	2 0	0	5 2	5	350*	K8JQ	110	4	245	23	359	38410
PT9DX	5	1	25 16	3	36 22	320 306	W1ARY	95	7	116	29	218	38338
VA2MVR	12	0	10	2	22	280	K4NMR	100	3	82	31	185	37944
DL3NSM	6	Ö	0	4	6	240	W4KW	65 90	21	24	33	110	36894
DD5KG	5	0	9	3	14	204	N4QS W8EH	80 75	3 6	141 19	26 32	224 100	29692 29056
KG6ECW	5	0	0	4	5	200	VE3DC	73 71	7	193	23	271	28428
SA6IMI^	3	1	5	3	9	180	AF5J	72	5	57	29	134	27086
VA3RIE^	2 2	2 1	0 4	3 3	4 7	180 144*	W9ILY	90	5	12	25	107	25600
LU7DUE VE3OU	2	0	15	2	7 17	100	NK6A	73	7	55	26	135	25480
KD2KEH	3	0	0	3	3	90	NA4J	70	9	88	24	167	25344
	-	-	-	-	-								

In the follow	ing charts	Score* = Ce	ertificate W	inner; Score	** = Plaque	Winner; Call^ =	Rookie; Call*	= Assuı	med Hig	h Power; (Call# = Di	stributed N	/lulti-Multi		
W2XYZ	53	8	69	30	130	24840	Multi-Ope	erator l	Multi Tr	ansmitte	r				
KE4KY	76	6	70	24	152	24480	Call		dn	RAC	DX	Mult	QSO		Score
N3FJP	47	10	0	36	57	24120	VE5RAC	5	77	21	913	71	1511		569136**
N9NA	42	14	27	30	83	22620	K1RX	2	57	18	730	71	1005		311690*
KI7Y	57	7 4	115	23	179	21620	VE6AO	3	04	13	858	57	1175		285912*
VO2AC VE3MZD	56	9	212	20 19	272	21280	VO1RAC	2	73	15	462	39	750		154206*
WC7Q	81 53	4	63 66	28	153 123	21204 20776	VE1RAC	3	30	4	292	38	626		150632*
W5GN	33 87	5	0	20	92	20370	W1SRG		30	7	33	17	70		8602
WA5LXS	58	4	23	27	92 85	19062	VE7RAC#		47	21	852	62	1220		346828
LT6M	56 54	4	120	20	178	17200*	VY2RAC#		23	20	568	57	811		214662
LZ6E	52	9	38	22	99	17200	VE3SWA#		28	23	118	31	269		61256
N4HB	62	1	124	19	187	16872						٥.	200		0.250
AD4EB	63	4	0	23	67	16330	<i>c</i> : 1 0		c						
W4VIC	57	7	48	20	112	16120	Single Op		-				_		_
W8PI	48	11	0	23	59	16100	Call	Cdn	RAC	DX	Mlt	QSO	Score	Bnd	Pwr
N1RM	43	8	0	27	51	15930	VE3YTN	10	1	5	2	16	260*	160	LP
VE3WVA	45	12	47	20	104	15680	W7DRA	5	1	9	2	15	176*	160	HP*
W6TK	58	3	65	20	126	15400	AF2F	94	5	161	10	260	13620*	80	HP
K5LG	58	3	45	21	106	15330	WA4JQS	66	6	49	8	121	7024*	80	HP*
VA3CW	44	5	105	20	154	15000	W6DMW	27	4	51	8	82	3616*	80	HP
K1SM	51	3	102	19	156	14706	VA3RD	26	0	28	4	54	1264*	80	HP
W4CU	45	3	2	27	50	13878	OH3GD	4	0	9	2	13	116*	80	HP*
K9PY	36	6	24	24	66	12672	VE5MX	277	16	599	21	892	90048**	40	HP
VO1CH	47	6	34	19	87	12502	VE3CX	228	13	475	20	716	69800*	40	HP
W2CDO	43	3	8	24	54	12144	WX5S	138	11	251	21	400	44142*	40	HP
DL6KVA	49	7	21	18	77	12096*	WA3FAE	63	4	114	10	181	9380*	40	HP*
VE3JDF	42	12	16	17	70	11764	K9WX	45	2	69	12	116	7536*	40	HP
W1KM	44	4	52	18	100	11232	KJ9C	33	3	30	10	66	4500*	40	HP
N3KN	52	0	50	18	102	11160	KK7RR	20	4	11	10	35	3020	40	LP
K8LF	53	1	0	19	54	10450	VE1SQ	27	3	16	7	46	2534*	40	LP
VA3TNM	42	1	112	14	155	9296	VE3UGT	24	1	11	7	36	1974	40	LP
KD3ANX^	32	6	32	18	70	9072	W4ZPR	21	1	0	8	22	1840*	40	HP*
VA1CC	34	5	18	18	57	8568*	KQ2N	16	1	23	8	40	1808*	40	HP
JA6GCE	37	4	169	10	210	7880*	XE1AY	10	3	22	7	35	1428*	40	LP
VE7BNR	25	8	16	16	49	7072	VA1RST	8	1	78	5	87	1280	40	HP
KC7V	36	3	17	15	56	6810	VATRST VA3FN	21	0	76 76	3	97	1086	40	LP
SP3LPG	35	4	91	11	130	6732*					6	19	972		HP*
W3GQ	25	5	11	18	41	6696	VE3SVQ	11	2	6				40	
K6TQ	34	7	16	13	57	6656	SP5GH	8	3	0	5	11	700*	40	HP*
PA3EVY	35	2	38	13	75	6058*	WA5RML	10	1	0	4	11	480*	40	LP
N8IVN	15	11	0	14	26	5180	WB9FMC	6	0	1	5	7	310	40	LP
VE3SDF	26	5	18	13	49	5148	PY2KJ	2	1	10	3	13	180*	40	HP
K4SHW	26	7	0	12	33	4800	JQ3ALW	1	2	7	2	10	128*	40	HP
LU1DX	39	2	84	8	125	4784	VJ4O	2	1	2	2	5	88*	40	LP
W3RZ^	26	3	33	12	62	4632	UA6AK	1	1	5	2	7	80*	40	LP
KA9GDW	24	5	2	13	31	4472	SP5ES	2	1	0	2	3	80	40	LP
K9NW	24	3	0	14	27	4200	R6CW	2	1	0	2	3	80	40	LP
EV1R	22	3	32	12	57 53	4128*	YU4BAH^	0	0	22	1	22	44*	40	LP
HB9AUK	21	2	30	12 8	53	3720*	SQ9FMU	0	1	1	2	2	44	40	LP
VE2CSM K0ZR	32	2	48	9	82	3648*	HA9RC	3	0	6	1	9	42*	40	HP*
N0KQ	26 21	2 2	52 20	10	80 43	3636 2900	SP9KJU	4	0	0	1	4	40	40	HP*
S51DX	13	0	196	5	209	2610*	KY4HU	1	0	0	1	1	10	40	HP*
DL5JQ	16	3	29	9	48	2502	K9EMF	1	0	0	1	1	10	40	HP*
WH6R	15	3	29	9	47	2412*	KOROD	1	0	0	1	1	10*	40	LP
MM4D	17	1	72	7	90	2338*	JR3AAZ	1	0	0	1	1	10	40	LP
IK2YCW	20	2	7	9	29	2286*	JH4RUM	0	0	4	1	4	8	40	LP
ZL1IF	17	2	34	8	53	2224*	YB9UA	0	0	1	1	1	2*	40	LP
OK1KTI	16	2	23	9	41	2214*	KJ7YYI	0	0	1	1	1	2	40	HP*
N5KB	18	3	16	8	37	2176	JK8PBO	0	0	1	1	1	2	40	LP
G4AMT	15	3	12	9	30	2106	EC6FK	0	0	1	1	1	2*	40	LP
VA3WPS	14	7	6	7	27	2044	VE7NZ	202	14	620	23	836	81420*	20	HP*
VA3PC	15	2	8	9	25	1854	VE4SG	206	8	419	12	633	36696*	20	HP
UT4U	16	2	24	7	42	1736*	VA6RQ	192	5	120	12	317	27120*	20	HP
W7CO	11	4	10	8	25	1680	VE5FX	180	6	165	10	351	22500*	20	LP
G3ZGC	15	1	0	9	16	1530	WA7BNM	86	5	111	18	202	21276*	20	LP
KK4ODQ	14	1	21	7	36	1414	K5QR	62	8	52	19	122	16796*	20	HP
NA7L	11	1	20	8	32	1360	W6AFA	106	9	124	11	239	16368	20	HP
PA3CWN	7	3	3	8	13	1088	VE6CA	65	5	186	11	256	12342	20	HP
PY2XJ	10	2	2	7	14	1008	:	40	11				11376*		HP
N6DW	12	0	0	6	12	720	N4MM			6	18	57		20	
DL9LM	7	1	12	6	20	684	VA6EPC	42	2	61	8	105	4656	20	HP
AA8R	13	0	17	4	30	656	VE6PLC	27	5	18	11	50 35	4466	20	LP
K3FH	11	1	14	3	26	474	VE7DXU	27	6	2	8	35	3136	20	LP
KC2GOW	4	1	12	5	17	420	VE3EPS	22	3	17	9	42	2826*	20	LP
JA2HYD	8	2	11	2	21	284	VY1XY	26	3	6	8	35	2656*	20	HP
K2PAL	3	1	1	3	5	156	VA3KGB	19	5	6	8	30	2416	20	HP*
LY2CX	7	0	2	2	9	148*	JH7VHZ	24	3	0	5	27	1500	20	HP
WI6X	3	0	0	2	3	60	VE7PTN^	13	3	12	7	28	1498	20	LP
YB2IQ	1	0	25	1	26	60*	EA1BFZ	13	2	8	8	23	1488*	20	LP
IT9SSI	3	0	9	1	12	48*	HC1JQ	9	4	16	7	29	1414*	20	HP
SO4P	4	0	0	1	4	40	VE6CLE^	9	2	22	6	33	1044	20	LP
PA4M	1	0	11	1	12	32	VA3MYC	8	2	1	8	11	976	20	LP
8 RAC Canad	da Wintei	r Contest	2021 Res	ults			:								

OK1DKE	8	2	15	6	25	900*	20	LP
VE4XM	15	0		5	25	850	20	LP
			10					
JF2FIU	9	3	15	4	27	720*	20	HP*
N4IU	13	1	11	4	25	688	20	LP
K6BBQ	12	2	1	4	15	648	20	LP
VE2GT		3	8			624	20	LP
	8			4	19			
K6CSL	8	0	15	4	23	440	20	LP
JE1RZR	7	1	0	4	8	360	20	HP
CB3R	7	0	22	3	29	342*	20	LP
OK2TS	6	1	2	4	9	336	20	HP*
W7LRM^	8	0	0	4	8	320*	20	LP
VE7JH	6	0	22	3	28	312	20	LP
JE1GWO	5	1	1	4	7	288	20	LP
K5SPP	5	0	0	5	5	250	20	LP
GM0WED	5	0	6	4	11	248*	20	LP
IU5CJP	4	1	0	4	5	240*	20	LP
G0PHY	4	1	0	4	5	240*	20	HP*
SM5CSS	6	0	22	2	28	208*	20	LP
W0JOP	3	1	0	4	4	200*	20	LP
KK4CS	6	0	0	3	6	180	20	LP
G0PHY	4	1	0	3	5	180	20	HP*
SP3FSM	4	0	6	3	10	156*	20	LP
HA3FHH	3	1	0	3	4	150*	20	LP
VE7BLW	4	1	3	2	8	132	20	HP
K9WPV	2	1	0	3	3	120*	20	HP*
VE6RWP	1	2	2	2	5	108	20	LP
JM8LND	4	0	7	2	11	108	20	LP
KA0AZS	2	1	5	2	8	100*	20	LP
F4GFT	3	0	0	3	3	90*	20	LP
DF9IX	1	1	4	2	6	76*	20	LP
SP2FAP	1	1	1	2	3	64	20	HP
LY2N	4	0	3	1	7	46*	20	LP
K9CLD	2	0	1	2	3	44	20	LP
K5IX	2	0	1	2	3	44	20	LP
DL/F4GFT	2	0	0	2	2	40	20	LP
YO4BEX	3	0	3	1	6	36*	20	LP
R0CBS^	1	1	3	1	5	36*	20	LP
UA4LKU	3	0	1	1	4	32*	20	LP
PD5ISW	0	1	0	1	1	20*	20	LP
RA3NC	1	0	3	1	4	16*	20	HP
OZ6KS	1	0	3	1	4	16*	20	LP
OF3BCX	1	0	3	1	4	16*	20	HP
UW7CN^	1	0	2	1	3	14*	20	LP
IK2IKW	1	0	2	1	3	14	20	LP
DJ6DO	1	0	2	1	3	14	20	LP
OF1TD	1	0	0	1	1	10	20	HP*
K7JSG								
	1	0	0	1	1	10	20	LP
G8NVY	1	0	0	1	1	10	20	LP
SA6FAX^	0	0	4	1	4	8	20	LP
W7SE	0	0	1	1	1	2	20	HP*
				22	444			
WU6P	125	6	280	23	411*	44390*	15	HP
VE9AA	80	9	387	18	476	31572*	15	HP
W6EU	26	0	70	9	96	3600	15	HP
PZ2YT	27	1	55	8	83	3200*	15	HP
F8NUH	10	2	8	6	20	936*	15	LP
HB9JOE	9	2	11	6	22	912*	15	HP
NF9Z	7	2	3	4	12	464*	15	HP
ZD7BG	5	0		4	13	264*	15	HP
			8					
W5TJS	4	1	2	4	7	256*	15	HP*
VO1NA	12	0	0	2	12	240*	15	LP
DK3AX	3	0	6	2	9	84*	15	HP*
VA3QSL^	2	0	8	2	10	72*	15	LP
UR7HY	3	0	0	2	3	60*	15	LP
OM3CM	5	0	5	1	10	60*	15	HP
K0DVT	1	1	0	2	2	60*	15	LP
F5PHY	2	0	1	2	3	44*	15	HP
VA7MM	22	1	77	4	100	1576*	10	LP
AA4CF	4	0	1	2	5	84*	10	LP
LU/VE3AP	1	1	3	2	5	72*	10	HP*
PY3CAD	2	0	2	2	4	48*	10	LP
VE3ZF		2		2		1640*	2	LP
	78		0		80			
VA3CBU^	20	0	0	1	20	200	2	LP
VE3OUI	3	2	0	2	5	140	2	LP
VA3OAG	2	1	0	2	3	80	2	LP
VA3TOP	2	0	0	2	2	40	2	LP

In the above chart Score* = Certificate Winner; Score** = Plaque Winner; Call^ = Rookie; Call* = Assumed High Power; Call# = Distributed Multi-Multi

Changes to RAC Contests

The Radio Amateurs of Canada (RAC) Contests and Awards
Committee is pleased to announce changes to the RAC
sponsored contests. Commencing with the 2022 contest year
we will be adding two new entry categories: Single Operator
– Assisted – High Power (SOAHP) and Single Operator – Assisted – Low
Power (SOALP). There is no additional subclassification for either of the
two assisted categories. Winners in these categories will qualify for
a newly sponsored plaque as well as the typical certificates grouped
as in the other entry classes. These categories will be added to the
records list along side the other category records. We would like to
thank Radioworld Central in Calgary, Alberta (https://www.gpscentral.
ca/) for sponsoring the plaques in these new categories for both RAC
contests. The whole organization at Radioworld in Toronto and now at
their Calgary team are great supporters of our activities.













Saskatchewan Contest Club





Alfa Radio Ltd. RadioSport Manitoba

Alan Goodacre, VE3HX

With the advent of our new Web Log submission system, the log submission deadlines have been shortened to 14 days from the end of the contest. We will be phasing out email and paper log submission in the near future. We are also changing the requirement to qualify for certificates. Participants must make a minimum of 50 contacts (QSOs) to be eligible to receive a certificate in any of the categories. We have also provided additional clarifications on how the Rookie category is structured and adjudicated as part of the updated Category Notes provided in the rules.

The Category Notes that form part of the rules has been clarified and there is more information as to how contest categories are structured and adjudicated. We have also added a "Summary of Category Elements, Limitations and Eligibility" table to the rules to highlight key elements of adjudication for the categories.

Please take a few moments to review the updated rules, starting with the Canada Day Contest Rules 2022 which are available on the RAC website at the links provided below. We look forward to your participation in the RAC Canada Day and Canada Winter contests.

https://www.rac.ca/contesting/ https://www.rac.ca/contesting-results/



RAC Canada Winter Contest 2021 Multi-Operator Details (Call Used / Operators)

AAOAI: AAOAI AA0AW: AA0AW AA3B: AA3B AA3S: AA3S AA8R: AA8R AB1J: AB1J AC3LZ: AC3LZ AC4MG: AC4MG $\Delta C5XK \cdot \Delta C5XK$ AC6ZM: AC6ZM AD4FR: AD4FR AEODX: AEODX AF1T: AF1T AF5J: AF5J AF8A: AF8A AI1G: AI1G AK1MD: AK1MD DD5KG: DD5KG

DH4GB: DH4GB DK8NT: DK8NT DL3NSM: DL3NSM DL5JQ: DL5JQ DL6KVA: DL6KVA DI 9I M: DI 9I M DM6FF: DM6FF FA3BV: FA3BV EV1R: EV1R F4FLO: F4FLO G3RLE: G3RLE G3ZGC: G3ZGC G4AMT: G4AMT HB9AUK: HB9AUK IK2YCW: IK2YCW IT9SSI: IT9SSI JA2HYD: JA2HYD JA6GCE: JA6GCE JA6WFM: JA6WFM

K1IB: K1IB K1RX: KC1KUG, K1RX

КОНВ: КОНВ

K0MD: K0MD

K000: K000

KOZR: KOZR

K1SM: K1SM K2AL: K2AL K2MK: K2MK K2PAL: K2PAL K200: K200 K2SX: K2SX

K3AJ: K3AJ WT3K K3WA ND3D KB3IKC

K3MAW: K3MAW K3PP: K3PP K3TN: K3TN K3WW: K3WW K3ZA: K3ZA K4IU: K4IU K4MQM: K4MQM K4NMR: K4NMR K400G: K400G K4RUM: K4RUM K4SHW: K4SHW

K4VTF: K4VTF

K5LG: K5LG

K51 Y: K51 Y K5YX: K5YX K6MI: K6MI K6MMM: KE1B K6TQ: K6TQ K6WSC: K6WSC K67H: K67H K7IA: K7IA

K8BB: K8BB DX cluster

K8BL: K8BL K8JO: K8JO K8LF: K8LF K8WWS: K8WWS K9NW: K9NW K9OM: K9OM K9PY: K9PY KA6BIM: KA6BIM KA9GDW: KA9GDW KA9VVO: KA9VVO, W9FZ KBOV: KBOV

KB2URI: KB2URI KB7JJG: KB7JJG KC2GOW: KC2GOW KC3M: KC3M KC3OVO: KC3OVO KC7V: KC7V KC9JML: KC9JML KC9YI: KC9YI KD2KEH: KD2KEH KD3ANX: KD3ANX KD6WKY: KD6WKY KD8 IDC: KD8 IDC KD8VRX: KD8VRX KD9LTN: KD9LTN KE4KY: KE4KY KF8G: KF8G KE8PX: KE8PX KE8RCI: KE8RCI KG4W: KG4W KG6FCW: KG6FCW KI6OY: LEE KI6OY KI7Y: KI7Y

KK4ODQ: KK4ODQ KK4ODR KM4FO: KM4FO KM4IAJ: KM4IAJ KV0I: KV0I LB4MI: LB4MI LT6M: LU8MHL LU1DX: LU1DX LU7DUE: LU7DUE LY2CX: LY2CX LZ2PS: LZ2PS

LZ6E: LZ1GU MOSOC: MOJWT MONIE M2A: G3ORY MM4D: GM4ATA N0KQ: N0KQ N1KM: N1KM N1RM: N1RM N1SOH: N1SOH W1FM N2DEE: N2DEE N3AM: N3AM N3AML: N3AML N3FJP: N3FJP N3KN: N3KN

N3OE: N3OE

N4RP· N4RP N4DW: N4DW N4HB: N4HB N4NTO: N4NTO N4OS: N4OS N4RV: N4RV N4SS: W5MX KJ4YLR N47R: N47R N5EP: N5EP STEVE N5KB: N5KB

N5R7: N5R7

N5SJ: N5SJ

N6AR: N6AR N6DW: N6DW N8IVN: N8IVN N9NA: N9NA N9TF: N9TF N9UA: N9UA NA4J: NA4J NA7L: NA7L NE8J: NE8J NF3R: NF3R NG2G: NG2G NJ40: NJ40 NK6A: NK6A NN2NN: NN2NN NN6P: N7ZTR ND6O NU4N: NU4N NW2K: NW2K OK1KTI: OK1KTI

OK1RDO: OK1DC OK1NYD

OK7BA

OM8MF: OM8MF PA3EVY: PA3EVY PA4M: PA4M PT9DX: PT9DX PU4BOT: PU4BOT PY1AX: PY1AX

PY2XJ: PY2XJ PY307: PY307 PY5AMF: PY5AMF PY5FO: PY5FO PY5QW: PY5QW PA3CWN: PA3CWN S51DX: S51DX SA6IMI: SA6IMI SE5W: SM5NOB

SM6F: SM6CUK SO4P: SP4DEU SP3LPG: SP3LPG SV9COL: SV9COL UC5D: UC5D UT4U: UT5UJO VA1CC: VA1CC

VA2MVR: VA2MVR

VA2VT: VA2VT VA2WA: VA2WA DXCLUSTER VA2YAF: VA2YAF

VA3ATB: VA3ATB VA3CW: VA3CW VA3IDD: VA3IDD VA3NGE: VA3NGE VA3PAF: VA3PAF VA3PC: VA3PC VA3PM: VA3PM

VA3RAC: VA3YDX VE3AJB VE3VC

VA3RIF: VA3RIF VA3ROC: VA3ROC VA3WPS: VA3WPS VA3TNM: VA3TNM VA3WW: VA3WW

VA4HZ: VA4HZ VA6AGR: VA6AGR VA6RGF: VA6RGF VA6MA: VA6MA VA7DX: VA7DX VA7UI: VA7UI VA7VF: VA7VF

VE1RAC: VE1RSM VE1FA VA1YL

VF1BAB VF1RF: VF1RF VF2CSM: VF2CSM VF2FK: VF2FK VF2FU: VF2FU VE2GHO: VE2GHO VE2KHC: VE2KHC VE2VAB: VE2VAB VE3CWP: VE3CWP VE3DC: VE3BK VE3RIA VE3EP: VE3EP VE3FZ: VE3FZ VE3GFN: VE3GFN

VE3HEU: VE3HEU VE3JDF: VE3JDF VE3JI: VE3JI VE3MZD: VE3MZD VE3OU: VE3OU VE3PTA: VE3PTA VE3QN: VE3QN

VE3GJP: VE3GJP

VE3SDF: VE3AAZ VE3ZIS VE3WRF

VE3SWA: VE3JGO VE3MAH

VE3MF

VE3TW: VE3TW VE3WRP: VE3WRP VE3WVA: VE3WVA VE4DL: VE4DL VE4GKM: VE4GKM VESEEE: VESJJA VESDN

VE5RAC: VE5WI VE5FF VE5CJB

VA6NJK

VE6AO: VE6KC VA6PWX VA6CTS VE6BIR VA6BAM VE6TSF VE6CCL VE6TC

VE6RAC: VE6IVN VE6SV: VE6SV VE6RST VE6WO: VE6WO VE7ACN: VE7ACN VE7AV: VE7AV VE7AX: VE7AX VE7BNR: VE7BNR

VE7RAC: VE7WJ VE7IO VA7NF VA7TU VE7TI VA7QD VE7SAR: VA7XB VE7ZD VE7TI

VA7XH VA7VJ VE7SXM VE7URN: VE7URN VE7ZX: VE7ZX VF9KK: VF9KK VF9MO: VF9MO

VE9RAC: VE9ML VE9BK VE9RA

VE9XX: VE9XX VO1CH: VO1CH VO1HP: VO1HP

VO1RAC: VO1AX VO1IV VO1JQB VO1DEX

VO2AC: VO2AC, VE3FU VO2RAC: VO2NS

VY2RAC: VY2LI VY2OL VY2OM

VY2OX W1AJT: W1A IT W1ARY: W1ARY W1JGM: W1JGM W1JSR: W1JSR W1KAT W1KM: W1KM

W1SRG: AG1C W1OMG K1MT

W2CDO: W2CDO W2CS: W2CS W2LCO: W2LCO W2XYZ: W2XYZ W3BHL: W3BHL W3GQ: W3GQ W3IDT: W3IDT W311: W311 W3RZ: W3RZ W4CMG: W4CMG W4CU: W4CU \/\/4K\/\/·\/\/4K\/\/ W4RLB: W4RLB W4SSF: W4SSF W4VIC: W4VIC W4WF: W4WF W5GCX: W5GCX W6GMT: W6GMT W5GN: W5GN W6RO: W6RO W6SX: W6SX W6TK: W6TK W7CO: W7CO W8EH: W8EH

W8PI: W8PI

W9ILY: W9ILY

W9PA· W9PA

WAOMHJ: WAOMHJ

WA1HEW: WA1HEW WA4JA: WA4JA WA5LXS: WA5LXS

WA8KAN: WA8KAN KD8IK AA8UL

WA9LEY: WA9LEY WA9PND: WA9PND WB2WPM: WB2WPM WC7Q: WC7Q WD4FMG: WD4FMG WH6R: WH6R WI6X: WI6X WN4AFP: WN4AFP WN6W: WN6W WN8Y: WN8Y WO1N: WO1N WO6X: WO6X WT2P: WT2PC I WT8WV: WT8WV WT9U: WT9U WW2P: WW2P

WX0Z: WX0Z

W70W: W70W

YB2IO: YB2IO

ZL1IF: ZL1IF

YV5RAB: YV5RAB

10 | RAC Canada Winter Contest 2021 Results

RAC Canada Winter 2021 Contest Soapbox

ABOCD: Fine Business! IC7300 QRP N1MM RainGutter II Antenna (w/ 9:1 UnUn). I always enjoy putting Canadian calls into the log.

AB2TC: Nice contest as always. Friday night conditions were weird.

AC4G: Little time to operate

EA5DO: I am not a very expert in CW, yet I try to participate, but I found a big problem because there was another international contest, and when answering those who called these they did not say in which contest they participated, so surely some call sign belongs to another contest, both this and the one other.

EA5KO: FT 757GX, 100W, Moxo-20m and inv. Vee-15 and 40m. I enjoyed it, thanks to all big guns have heard me. 73, Andy, EA5KO

DD5KG: Maybe some QSOs belong to the simultaneous 9A contest.

DL/F4GFT: Casual participation (too busy Christmas shopping) from my holiday location in DL

DM6EE: Nice contest.

G3ZGC: Conditions seemed dreadful on 160 and 80m. Conditions seemed very selective on HF. I had to QRT as we had a power outage.

JA2HYD: Tnx FB Contes!!

JA3JM: Rig: IC-706 50W ANT: Vertical

JA8RWU: This weekend entered three contests (just playing around each a little), plus the contest workshop. Sri did not work any VEs. 9ACW, RAC, Stew Perry. The online contest workshop in JA (something like CTU) for hours on Sunday. Had fun! Tnx for the QSOs, hopefully will QRV longer next time. Have a happy holiday season and see you all in 2022! 73, Akira, JA8RWU

JF2FIU: Thank you all stations!

JH3DMQ/QRP: Ant: V-DP(CD-330V) 19.8mH; Rig: TS-890S(50W Remodeling) QRP 5W.

JH4RUM: I enjoyed the contest.

JH7UJU: FT-817ND DP Yaqi

JK1HIY: I enjoyed RAC 2nd time.

JK1TCV: I used power less than 5W.

JK7DWD: I enjoyed the contest.

KOOO: good afternoon of fun. Thanks for the QSOs. See you all next

time. 73, Pat, K000

K1EEE: The RAC contest are always fun with great OP.

K1LOK: Nice to have 15 m open up. I had never had contacts with V01 and V02. This contest I got both.

K1RX: Lots of fun, very happy holidays to all! 73, Mark, K1RX & Brayden, KC1KUG

K2EKM: 5w to a 53 foot end-fed wire sloper up 32 feet.

K3AJ: K3AJ operated from the shack. WT3K, K3WA, ND3D and KB3IKC operated remotely

K3TW: Activity on the lower bands was much less than last year.

K3ZA: Fun Contest and great to work my neighbors to the North. Happy Holidays.73, Tony, K3ZA.

K4EES: I had a ball. Thank you Canadians for allowing your brothers to the south to play along.

K6CSL: Sorry, I only got to operate the last 3 hours. See you next year.

K6FA: Ran between 300 - 400 watts this year. Next year maybe back to QRP. Had fun doing S&P during my 6 hours of operating. Thanks for the contest.

K8LF: It seems to me more active VE stations than last time. Still no VY0 for me.

KA0AZS: TS-820, 100W, Hexbeam

KA6BIM: Decided to work Canadian Stations only as a "game within the game "this year. 90% S&P. Nice to see many old friends. Thanks for the QSOs. Dave, KA6BIM

KAOPQW: Fun Contest. Thanks for having it. 73, Matt, KAOPQW

KBOV: Always fun to work the class acts in VE-land! Merry Christmas!

KB2URI: A good time had by me! 73!

KB9FPY: Not bad for a 100 watts and wire.

KD3GC: This is one of the best contests. I had a blast.

KD6WKY: Bands opened up on Saturday.

KD8VRX: Great Time!

KEOTT: K3/10 driving a Ten Tec 405 to 50 watts. Inv vee and a 60' dipole up 20' this time, due to storm damage. Had fun, thanks for the contest! C U next time, 73, Dan, KEOTT

KE9YK: Another great contest. Thanks for the contacts and Merry Christmas!

KF3G: Operated from FM29jw.

KV4ZY: Casual operating just for fun.

MM4D: Good fun giving a few points away. Perhaps a more serious entry next year. Thanks to all for Qs. 73, John, GM4ATA

N1ADX: Thank you for the interesting contest. 73

N1DC: Great fun. Thanks for all the QSOs. **N1NN:** 14TH RAC Canada Winter Contest

N3AML: First licensed 12/2020

N4UM: I heard only a few on 10 metres even though FT8 was very crowded.

N6DW: 1 hour op time Family obligations

N6HI: Ran QRP - 5 Watts (1/2 watts on many QSOs) to a 20 foot end-fed wire out the window. I got on when convenient, enjoying a sort of "casual" operation. This was a fun contest for my part-time effort. I only managed 2 contacts on 10 meters, but glad to see the upper bands open a bit for this! Thanks for your patience and the QSOs. And... thanks for the sunspots, too! Go Arizona Outlaws! 73, John N6HI

N6JSO: First licensed June 2020

N6RSH: This is always a fun contest!

N7AME: Great little contest. Thanks and Happy Holidays into 2022.

N8VWY: IC-7100, Virboplex Single Paddle, Arduino Keyer, Inverted L Or Loop, TU all GL 73.

N9BT: Seems like N1MM logger has a bug for Canada Winter Contest score calculations. N1MM logger only gave me 2 points for VO1RAC, should have given me 20. Should also have given me 4 mults (VE6, VY2, VO1, and VE3).

N9TF: First time sending in a log. I usually play in the contest casually to hand out Qs to the RAC. Still very casual operation here, but had so much fun, I wanted to send in a log. One goal I set as I operated, was to make a Q with at least one RAC station on all 5 HF bands. Goal achieved! Just moved into new QTH and I have only had time to cobble together a 160m dipole (sort of), in the backyard. One leg of the dipole is 130′ 18 guage house wire and the shield side is connected to about 120′ of continuous gutter system that wraps about 85% of the house. Apex is about 17′ at the feedpoint and the wire slopes down to the shed out back of the house 120′ away and 15′high at the roof peak. The wire sags about 2′ in elevation and looks like a clothes line connected to the house and shed! After being off the air for 6 months while we moved, I'm just happy to be on the air again! Thanks for the fun and will see y'all again next year.73 Gene, N9TF EM66IJ Clarksville TN.

NC4MI: A great contest as usual. Thanks to everyone I got to work. 73 and Merry Christmas and a Happy New Year to all. Bill, NC4MI.

ND0C: Busy day; got on for a couple hours.

NQ2W: This was a very enjoyable contest. Many excellent operators with pretty decent propagation made the time fly and the log get longer. Thanks to everyone who heard my QRP station and added NQ2W to their log. I appreciate your patience and sticking with me for the repeats. Thank you RAC for sponsoring a great event! I hope to be back next year. 73, Will, NQ2W

OH3GD: Strong aurora cut the propagation to NA on 80 meters, but succeed to make some contacts.

OK1RDO: Weak propagation to NA, 15m closed. Ops OK1NYD, OK1DC. OK7BA.

OK2QX: 100W OUT, RIG K3, Ant 3el tribander Fixed to W/VE. 85yrs

PD5ISW: Rig: ICOM IC-7400; PWR: 100 W; Ant: 6-Bands Hex-Beam Homemade.

ROCBS: FT 920PA= 100wtts; ANT= IW

R3LC: 73, PSE certificate

R6CW: TS-590S - 100 watts 40m - 1 ele **RA3XCZ:** IC756PROIII, Delta Loop 16073!

N8VWY: IC-7100, Virboplex Single Paddle, Arduino Keyer, Inverted L

or Loop, TU all GL 73.

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

SA6IMI: Got my licence on May 20, 2021

SM5CSS: During the first 10 QSOs I did not realize there were two contests going on so some QSOs belongs to this contest and other QSOs is for another contest!

SP9KJU: TRX FT897 80W ANT GP

SQ9FMU: rig-IC746 pwr-100 Watts ant-GP

SV1CEI: LONG WIRE 106 F

VA3CBU: First licensed in July of 2020.

VA3KGB: Only participated a few hours this year due to family commitments, but enjoyed it.

VA3PCJ: Operated only the last 20 min of the contest. Glad to have been able to log four stations. Rig: IC-703 & 5W to end-fed long wire up the maples. Tuner: LDG RT-100. Key: AME's Bushwacker. 73, Jose, VA3PCJ.

VA3MW: 100% remote operation with all my antennas at my cottage.

VA3OGG: First licensed in October 2019

VA3RIE: Rookie

VA3RKM: Conditions improved as the contest went on. As much fun as ever!

VA3RSA: Great contest. Good to hear so many Canadian stations on the air.

VA3SB: Thank you all for the Qs. Fun contest as usual. Happy Holidays to all. 73, Serge, VA3SB

VA3XAP: Had a blast – can't wait for July first.

VA3YVE: first licensed in May 2021. **VA3YVE:** first licensed in October 2019.

VA6AGR: First licensed in March 2020.

VA6BGE: Licenced in 2020. Flexradio 6600, Hexbeam for 10-20m, Hexbeam for40m, Vertical for 80m and 160m. First Canadian contest when I used CW.

VA6RQ: As usual great contest and great conditions.

VA7RYL: First licensed March 5, 2019.
VA7USD: First licensed in October 2019.

VE1JS: Every single op unassisted should be using SD by EI5DI. It always works and the manual is only 20 pages. Yes, 20 pages. It does everything you need.

VE1RAC: As in most Winter Contests since about 2005, a small group of hams operated from Fred, VE1FA and Helen's VA1YL's station in Canard, Nova Scotia, using a very reliable (until now) 486' horizontal loop and Moseley tribander. About 45 minutes into the contest it became clear that the loop wasn't right (horrible SWR, station circuit breaker tripping), and couldn't be fixed in the cold, wind, and darkness, so the VE1RAC went QRT. The next morning the team lowered, repaired, and re-raised the loop to 50', and VA1YL and VE1FA decided to pick up a few more Qs. Not a big score, but as always, an enjoyable contest! We also followed the required COVID restrictions that applied to Nova Scotia.

VE2VAB: First RAC Winter Contest. I loved getting all this attention. Thank you all!

VE3DC: Another great Canadian Contest we enjoy. The bands were not busy at times when only the diehard Contesters were the only ones on, but the bands generally were good, especially the low bands, most of the time. We want to thank all that worked us, especially our friends South of the Border, some who were really into our Canadian contest, going by their serial numbers. Lot's of fun, great Contest. See you in July. 73, Rick, VE3BK

VE3DMR: Another great Canada Winter Contest! Thanks very much Bart and Sam

VE3DQN: I'm always sorry when I can put in so little time in a RAC

contest. Folks are eager to work VE/VA/VO stations, even VE3s who are in abundance, even QRPers like me. TA33Jr @40ft, dipoles @40ft.

VE3EAX: My first contest!

VE3FCQ: First licensed July of 2020.

VE3KOT: Licensed on October 23, 2021.

VE3LDE: First licensed in November 2020.

VE3KRU: Rookie 1st licensed April 8, 2021

VE3OMV: First licensed in September 2021.

VE3SMA: Equipment 3.5-50 MHz – FTDX10 100 W, inverted vees, attic 6m dipole. 144 MHz FT-290RII 25 W FM, indoor GP + K2/xvter/amp 100 W CW,dipole.

VE3SWA: VE3SWA Club Event, operating from home QTHs of club contest participants. Distributed MOMT.

VE3VY: Single-element wire antennas only.

VE3YX: The propagation gods smiled on us this time. Good fun. Thanks for the contest. Bob, VE3YX.

VE3ZY: Another fun contest. Thanks for putting it together. Usually operate multi op from VE3CWM, but Covid...

VE5CPU: Some of the best conditions in many years. Nice to see some DX in the log.40 metre delta loop worked well domestically. Many thanks to all those who participated and exchanged QSOs.

VE5GC: Fun contest.

VE6RAC: Had a blast as RAC rep until the amplifier blew up. I look forward to Canada Day.

VE6SV: Both operators fully vaccinated, wore masks and practised social distancing for the event.

VE7BGP: I had a lot of fun operating the Canada Winter Contest again this year. Rigs used a new FTdx-10 and FT*8987D on 2 metres. 73, Gerry, VE7BGP

VE7CA: Always glad to represent Canada.

VE7HLW: Worked from Home OTH.

VE7JKZ: Great codx – we've waited a long time for this!

VE7KW: Nice to have 10m and 15m this time. The Quad as the second quad is stuck to NZ.

VE7PTN: First licensed in March of 2021

VE7VR: Always fun when being a VE7 attracts attention.

VE9KK: Had a great time and found some deep QSB at times but overall great contest. Only second time operating running and not S&P thanks for all those who put up with my asks for repeat. 73, Mike, VE9KK

VE9VIC: next year better antenna for 160 metres.

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

VE9XX: I love this contest! Thanks all for their participation! 73, Don, VE9XX

VY2DM: Did not hear too many RAC multiplier calls this year. Just VY2, VE1, VE9.

VY2DS: I had a great time, maybe should look at moving to January with being so close to Christmas.

VY2RAC: VY2RAC was activated as a Distributed Multi to permit the greatest number of RAC bonus QSOs as possible. Despite a busy schedule, Lowell, VY2OX, did an amazing job on CW (over 500 Qs) while Darrell, VY2OM, was pressed into action on short notice to carry the SSB load. His partner Selina, VY2OL (a recent new ham) got her first taste of contesting! Yours truly supplied the 20m CW portion. The 3 QTH's were VY2LI, VY2OM and VY2OX. Merry Christmas to all. VY2LI on behalf of VY2RAC!

VO1NA: First time with this log format.

W0WLA: I enjoyed my short time operating this contest. Mobile operation with FT-891 and Tarheel 75A antenna.

WOYJT: Went down with rig troubles but fun while it lasted.

W3IDT: All S&P from low power / low 40/15 dipole / low speed CW. For the first four contacts I sent "MD" instead of 1,2,3,4. They may have dropped the QSO. Last contact with "VY1T": I asked for CL? twice, each time he sent "VY1T" probably with a hand key.

W3RZ: My first RAC! Fun test .IC7300/R6K/Inverted V/AT500 TUNER/ ALS 500 Amp @ 300 Watts / N1MM Logging.

W3TB: W3TB in Franklin, Tennessee.

W4KW: Great contest as usual. A lot of SSB participation. Thanks for the contacts.73, Bert.

W5RJJ: Worked Canadian stations only.

W8XAL: This was a fun contest, wish I had more time to operate it.

W9PA: Limited operation because of holiday activities.

W9RE: Good activity and nice to work all the VEs.

WA2CNV: Lots of Fun!!

WA5RML: Elecraft KX3, KXPA100, PX3 at 75 wts to 40M dipole @ 5 ft above ground.

WA6URY: Operated remote from Tokyo, Japan

WB0TEV: Highlight was working two VE8s on 10m no less!

WB8WUA: I had fun. There were not as many VE station participants around (such as on the 40m band) for multipliers as compared to past RAC contest events.

WI1N: Thank you to the event organizers and to all participants I had the pleasure of speaking with over the air.

WN6K: Missed last year's score (scratch) by 252 points.

WQ6X: This is another WQ6X ad-hoc RAC Winter Day from W7AYT's QTH in Concord. In between shifts in the SP-160 contest, I found time to make a few QSOs in the RAC Winter GiG. One of the things I like about Canadian contests is that y'all actually play around in your own contest. How CooL is that? Look for a more detailed write-up of this weekend at: http://WQ6X.Blogspot.com.

WU6P: Operated at N6RO Oakley station.

XE1AY: Tuning my dipole antenna of 160 to 40 m not very easy

YO4BEX: TCVR homemade 100W Vertical Ant

YV5RAB: First time in the contest, very hard conditions to Canada and USA

ZD7BG: A last minute decision to join the contest. Enjoyed making the few contacts. Hopefully will try for a longer period next year.

https://www.rac.ca/contesting/ https://www.rac.ca/contesting-results/