

# Results, 2004 ARRL November Phone Sweepstakes

*A glimpse of the future?*

Kelly Taylor, VE4XT

In 1988, Oliver North and John Poindexter were indicted in the Iran-Contra scandal, George H. W. Bush was elected President and Calgary, Alberta, hosted the Winter Olympics.

If that seems like only yesterday, imagine how it feels to two of the rising stars in the 2004 Phone Sweepstakes. It's the year they were born.

Meet Kristin, KCØINX. Meet Rebecca, KBØVVT. Meet, possibly, the future of contesting. When contesting e-mail reflectors are greeted regularly with lament over the lack of younger and women contesters, here are two who hit on both counts with no plans to quit contesting any time soon.

Rebecca, KBØVVT, is 16. She's been licensed since she was seven and has been working her way up the SS ladder at dad Dave's KGØUS using her own call to place eighth in the Multioperator category. "I love the adrenaline rush of trying my absolute hardest to work the VY1 station, the last station I need for the sweep, and the enjoyment that follows when I know that I have the sweep and am in good shape."

Kristin, KCØINX is also 16. She's been licensed since she was 11 and she caught the bug when she was 10.

And this year, she and friend Kathryn, KSØP, 18, came within a hair of a major milestone in Sweepstakes contesting: 1000 QSOs. To top it off, they got a sweep and claimed first blood in what, with luck, will become an ongoing gender grudge match with the boys from their club.

"It's that rush of excitement I get from contesting that keeps bringing me back time after time," Kristin said.

Kristin's dad is Mike, KCØEFR, a vet-

eran of several contests, including SS, Field Day and the 14er, where Coloradans travel to 14,000 foot mountains and try to work others also on 14,000 foot mountains. She's grown up around radio and is a member of Boulder Amateur Radio Club Jr.

"But I really started to get interested when I participated with BARC Jr in Field Day 2000 and made 200 contacts. The next day I went home and started studying," she said. It worked. A month later, she passed on the first try.

For 2004, Kristin's fourth SS, she and Kathryn went head-to-head with eight



The current "Lance Armstrong" of Sweepstakes, Rich, KE3Q, gives us a peek into the WP3R station.

boys from BARC Jr and, using her dad Mike's station (KCØEFR) and Kathryn's call sign, won that battle with 934 QSOs, 80 sections to KØDE's 843 and 79.

Kristin's pedigree includes Elmering by WRTC veteran Steve, N2IC, as well as her father. With that kind of tutelage, she should go far. And, she says, she'll be back, probably with Kathryn again as KSØP in 2005.

For her part, Kathryn says her contesting moxie is still strong. "I hope to continue contesting as long as I can," she writes in an e-mail. "At some point, I would like to go somewhere to do a DXpedition."

Kathryn likes the excitement of contesting, which she started at age 13. "I found the fast pace and competitive drive a lot more interesting than basic communications," she wrote.

KSØP and KBØVVT were just two of the 1557 logs entered in the 2004 Phone Sweepstakes. Here's the rest of the story.

## Single Operator QRP

If you're going to enter a slugfest like SS with only 5 W, antennas and altitude help. Attitude doesn't hurt, either. Doug, WØAH, has all three, plus a central Colorado location at 9000 feet that managed to escape the propagational carnage that shut out most northerly locations for the better part of the contest.

A veteran QRPer, Doug started in the '60s with a 6v6 he'd often use ahead of his Viking II. He moved up in the 1970s with a TenTec Argonaut. Today, he's running a TS-850 with an Oak Hills QRP wattmeter. He has monobanders from

## Top Ten

### Single Operator, QRP

WØAH	93,324
N5TW	87,532
(KC5YKX, op)	
VE6EX	83,176
K7MM	80,808
N8IE	75,816
NA4CW	68,320
WAØVBW	66,424
N5XJ	63,688
N9NE	60,000
K8IR	55,068

### Single Operator, Low Power

KP2A	258,560
(KW8N, op)	
N4RZ	223,520
KK9A	203,040
VE4GV	198,080
N6NF	186,420
KØVPP	177,760
VE5SF	176,480
K5WA	176,320
WD5K	176,000
KZ2I	161,760

### Single Operator, High Power

WP3R	408,800
(KE3Q, op)	
K6NA	323,040
(N6ED, op)	
K5TR	319,200
WØSD	302,240
(WØDB, op)	
K5GA	299,680
K7RL	299,040
WP2Z	294,880
(K8MJZ, op)	
N9RV	292,960
K7ZSD	288,640
WØMU	285,440

### Single Operator, Unlimited

K6LL	307,200
K6IF	261,280
W7RN	250,720
(WX5S, op)	
N6DE	248,160
(@K6IDX)	
W8MJ	242,720
W4MYA	240,160
WØBH	238,720
W4NF	238,560
N4LR	234,240
WB1GQR	232,640
(W1SJ, op)	

### Multioperator

K9NS	318,720
NJ4M	282,880
N2NT	273,920
KTØR	273,280
KØDU	269,548
K4JNY	263,680
N8HR	259,520
KBØVVT	255,680
K8BB	252,480
N3OC	247,840

### School Club

W7UQ	93,000
W9YT	64,116
N1JJ	62,080
W9NAA	50,550
W4BUC	50,410
K7UAZ	47,874
K8IT	41,038
NT5HS	36,498
W3LRC	35,186
K9IU	31,098

40-10, a delta loop for 75 and a quarter-wave vertical for 160.

He put it to good use, racking up a winning 606 QSOs and 77 sections for a score of 93,324.

"I love contests and competition," Doug, 64, an avid jogger and mountain climber, said. "I try to operate most of the fall and early winter contests." He credits his active lifestyle for his ability to stay in the chair for 20 of Sweepstakes' 24 hours. Doug was 52 QSOs ahead of nearest rival Reid, KC5YKX, op at N5TW. In third was Dan, VE6EX, who actually scored more QSOs,

but racked up 74 sections to Reid's 79.

### Single Operator Low Power

Let's see...bottom of the cycle, beginning of winter, where better to be than the Caribbean?

With the score racked up by Bob, KW8N, at KP2A, it's becoming clear that to build a dynasty in SS requires suffering temperate climes while the rest of us are enjoying our bone-numbing cold.

While Bob's 1,616 QSOs and a sweep is well back of the LP record, it was nearly 300 QSOs better than Rick's, (N4RZ),

No. 2 showing.

And, he says, the mults were, strangely enough, easier to come by. "Last year (2003) I think I missed VE8 and KL7 was very weak. This year, I think I had at least two of every section and they were easy copy."

Considering perennial front-runner Rob, VE4GV, the LP record-holder, was almost 400 QSOs behind and Sam, VE5SF, another station normally able to parlay his first skip zones into big numbers was more than 500 behind; fortune, or at least propagation, favored the bold

### Sponsored Plaque Winners

Division	Category	Plaque Sponsor	Winner
Overall	Single Operator High	Carl Cook, A16V	WP3R (KE3Q, op)
Overall	Single Operator Low	Ken Adams, K5KA	KP2A (KW8N, op)
Overall	Single Operator QRP	QRP Amateur Radio Club International	W0AH
Overall	Multipoperator	Central Texas DX & Contest Club	K9NS
Atlantic	Single Operator High	North Coast Contesters	K3MM
Atlantic	Single Operator Low	Potomac Valley Radio Club	K3TW
Atlantic	Multipoperator	Mark Sickmeyer, KB3GJ Memorial	N3OC
Central	Single Operator QRP	Don Haney, W9WW	N9NE
Central	Multipoperator	Don Haney, W9WW	K9NS
Dakota	Single Operator High	Minnesota Wireless Association	W0SD (W0DB, op)
Dakota	Single Operator Low	Minnesota Wireless Association	WD0T
Dakota	Single Operator QRP	Tod Olson, K0TO	WA0VBW
Dakota	Single Operator Unlimited	Minnesota Wireless Association	K0HW
Dakota	Multipoperator	Minnesota Wireless Association In Memory of Jim Dokmo, K0FVF	KT0R
Great Lakes	Single Operator High	North Coast Contesters	K1OU
Great Lakes	Single Operator Low	Mad River Radio Club	N4RZ
Great Lakes	Single Operator QRP	Mad River Radio Club	N8IE
Midwest	Single Operator High	Kirk Pengelly, N0KK	N0AC
New England	Single Operator High	CTRI Contest Group	KK1L
New England	Single Operator Low	In Memory of Jim Dalterio, KZ1M by YCCC	K1EP
New England	Single Operator QRP	QRP Club of New England	KA1LMR
Roanoke	Single Operator High	Potomac Valley Radio Club	N8RAT
Roanoke	Single Operator Low	Raleigh Amateur Radio Society—W4DW	KZ2I
Roanoke	Single Operator QRP	NoVa QRP Group	K4GHS
Rocky Mountain	Single Operator Low	Grand Mesa Contesters of Colorado	K7VU
Southwestern	Single Operator QRP	Ray and Donna Day, N6HE and N6HTH	W0YHE
West Gulf	Single Operator High	Ken Adams, K5KA	K5TR
West Gulf	Single Operator Low	Ralph "Gator" Bowen, N5RZ	K5WA
Canada	Single Operator QRP	Frank Merceret, NA4CW	VE6EX

Overall or Division category winners whose plaque is not sponsored may purchase the plaque for \$67. Contact Kathy Allison, KA1RWY, at 860-594-0295 or by e-mail at [ka1rwy@arri.org](mailto:ka1rwy@arri.org).



While some headed to warmer climes, Jon, K9JS, headed north to Manitoba to operate Single Unlimited from VE4VV's QTH.

### Top Five

Tables list call sign, score and class (Q = QRP, A = Low Power, B = High Power, M = Multipoperator, U = Unlimited).

Northeast Region (New England, Hudson and Atlantic Divisions; Maritime and Quebec Sections)			Southeast Region (Delta, Roanoke and Southeastern Divisions)			Central Region (Central and Great Lakes Divisions; Ontario Section)			Midwest Region (Dakota, Midwest, Rocky Mountain and West Gulf Divisions; Manitoba and Saskatchewan Sections)			West Coast Region (Pacific, Northwestern and Southwestern Divisions; Alberta, British Columbia and NWT Sections)		
K3MM	276,160	B	WP3R	408,800	B	N9RV	292,960	B	K5TR	319,200	B	K6NA	323,040	B
W2NY	232,000	B	WP2Z	294,880	B	WB9Z	276,000	B	W0SD	302,240	B	K7RL	299,040	B
KK1L	231,680	B	W5WU	282,400	B	N0IJ	214,560	B	K5GA	299,680	B	K7ZSD	288,640	B
K2PLF	218,560	B	K4SSU	277,920	B	K1OU	208,640	B	W5KFT	263,200	B	W0MU	285,440	B
N2MF	211,380	B	K4PV	250,430	B	W9SMC	177,600	B	WA7LNV	200,186	B	W7WA	278,560	B
K3TW	158,880	A	KP2A	258,560	A	N4RZ	223,520	A	VE4GV	198,080	A	N6NF	186,420	A
VE10P	156,320	A	KZ2I	161,760	A	KK9A	203,040	A	VE5SF	176,480	A	K6AM	159,840	A
K1EP	139,040	A	KK4TA	133,056	A	K0VPP	177,760	A	K5WA	176,320	A	WA0KDS	133,826	A
N1DD	138,840	A	AA4LR	130,240	A	K8BL	159,264	A	WD5K	176,000	A	WN6K	125,248	A
W2TZ	126,126	A	N8II	102,960	A	K9ZO	115,360	A	W0MW	135,200	A	K4XU	124,020	A
KA1LMR	51,508	Q	NA4CW	68,320	Q	N8IE	75,816	Q	W0AH	93,324	Q	VE6EX	83,176	Q
W2XL	43,660	Q	W9WI	34,790	Q	N9NE	60,000	Q	N5TW	87,532	Q	K7MM	80,808	Q
N1SW	42,480	Q	KP2/K7ICE	32,240	Q	K8IR	55,068	Q	WA0VBW	66,424	Q	W7PT	38,776	Q
AA2VK	41,172	Q	K4GHS	26,666	Q	W9DZ	41,890	Q	N5XJ	63,688	Q	VY1JA	35,840	Q
K5ZD	38,690	Q	KR1ST	26,412	Q	K0CD	30,328	Q	WA8ZBT	52,128	Q	N4SL	27,744	Q
WB1GQR	232,640	U	W4MYA	240,160	U	W8MJ	242,720	U	W0BH	238,720	U	K6LL	307,200	U
KD4D	218,240	U	W4NF	238,560	U	N2BJ	209,760	U	NA5S	226,080	U	K6IF	261,280	U
W2GDJ	198,560	U	N4LR	234,240	U	WE9V	180,640	U	VE4VV	168,000	U	W7RN	250,720	U
K3DNE	160,640	U	W3YY	170,240	U	W9IU	159,040	U	K07X	138,560	U	N6DE	248,160	U
W3PP	131,140	U	W8ZA	117,936	U	KG9X	152,160	U	K0HW	132,800	U	W7WW	217,280	U
N2NT	273,920	M	NJ4M	282,880	M	K9NS	318,720	M	KT0R	273,280	M	N6KI	243,040	M
N3OC	247,840	M	K4JNY	263,680	M	N8HR	259,520	M	K0DU	269,548	M	K7IR	236,210	M
WB1ADR	217,440	M	K4BP	234,880	M	K8BB	252,480	M	KB0VVV	255,680	M	W7GG	227,360	M
W3JX	190,080	M	W5DDX	224,320	M	N8KR	224,160	M	W0NO	234,720	M	W6YX	208,640	M
W1AW	182,560	M	WW4LL	215,680	M	K9IZ	220,000	M	K5NA	208,480	M	VE6AO	198,400	M

## Affiliated Club Competition

	Score	Entries
<b>Unlimited Category</b>		
Northern California Contest Club	19,852,098	251
Society of Midwest Contesters	12,768,654	203
Potomac Valley Radio Club	10,360,624	135
Minnesota Wireless Assn	6,704,724	112
Yankee Clipper Contest Club	5,108,850	82
Mad River Radio Club	4,890,970	64
<b>Medium Category</b>		
Southern California Contest Club	3,624,892	35
South East Contest Club	3,242,876	34
Tennessee Contest Group	2,838,428	39
Florida Contest Group	2,732,616	37
Frankford Radio Club	2,671,254	40
Central Texas DX and Contest Club	2,296,754	22
Willamette Valley DX Club	1,797,038	18
Western Washington DX Club	1,427,318	17
Contest Club Ontario	1,401,990	33
Grand Mesa Contesters of Colorado	1,247,014	18
Hudson Valley Contesters and DXers	1,215,404	17
North Texas Contest Club	1,155,348	12
Kentucky Contest Group	941,652	15
Kansas City DX Club	823,836	5
North Coast Contesters	808,904	8
Motor City Radio Club	797,876	27
Oklahoma DX Assn	784,440	7
Central Arizona DX Assn	754,620	10
Spokane DX Association	688,146	10
Rochester (NY) DX Assn	628,188	12
Texas DX Society	608,376	9
Maritime Contest Club	505,992	6
Lincoln ARC	410,588	3
Western New York DX Assn	347,720	7
Order of Boiled Owls of New York	335,900	6
Carolina DX Assn	287,712	6
Rip Van Winkle ARS	257,848	5
South Jersey Radio Assn	222,856	9
Eastern Iowa DX Assn	221,082	5
Dominion DX Group	205,536	10
Radio Club of Tacoma	196,906	3
BC DX Club	183,612	4
West Park Radiops	181,556	11
Loudoun ARG	171,034	6
Northern Arizona DX Assn	164,402	5
Bergen ARA	123,694	6
Woodbridge Wireless	117,850	7
Hazel Park ARC	39,400	4
<b>Local Category</b>		
Mt Frank Contesters	1,082,270	9
Utah's Dixie DX & Contest Club	440,026	3
Northern Rockies DX Association	362,594	4
Medina 2 Meter Group	218,996	6
CT RI Contest Group	217,200	8
Sussex County ARC	150,800	4
Great South Bay ARC	114,088	6
Rappahannock Valley Amateur	105,128	3
Redmond Top Key Contest Club	100,880	4
Sterling Park ARC	76,294	5
Meriden ARC	70,332	3
Boeing Employees ARS	52,070	3
Alexandria Radio Club	33,982	4
Middle Peninsula ARC	26,598	3

...or the southerly.

Bob, KW8N, said he's not quite ready to go head-to-head with high-power powerhouse WP3R just yet, particularly with a tribander that wasn't quite right, but he's not ruling it out.

"I will have to see what we might be able to do to improve the whole antenna scheme before trying to go up against Rich," he said.

The Caribbean gets the advantage it does, says Bob, because of its longer high-band openings. When most runners on the continent have given up and gone to 20 or even 40, he and Rich are still running like mad on 15 and 10. Much of the continent didn't even have any 10 in 2004, never mind setting up runs. Looking at the results, only those in the Caribbean and on the West Coast managed any kind of numbers on 10. No. 2 LP Rick, N4RZ, for example, had one Q on



Kristin, KC0INX and Kathryn, KS0P, held their own against their rivals at K0DE and set the stage for future battles—against the guys and against the established national teams as well.

10 to Bob's 153. But even those who beat Bob on 10 couldn't catch him on 15 and 20.

### High Power

Quick trivia question: how far back was it someone other than Rich, KE3Q, at WP3R, won SS? Bonus question: who was it?

If you said 1997 and Jim, K4MA, you're right. But if you guessed that the Caribbean dynasty began in 1998, you're wrong, since Jim was at Windwood, WP2Z, on St Croix.

This was Rich's seventh straight win and while he was far from his record score in 2000, he was still more than 500 QSOs ahead of No. 2 K6NA. And that's after screwing up on time and working only 23 hours.

"Apparently, in one of my 'snooze alarm' hits on Sunday morning, I miscalculated," he said.

Not all went Rich's way on the bands, either. Seventy-five was not as productive this year, he said, pointing to either a late switch to 75 ("I usually go down there earlier when there's less activity and can get a good frequency") or a bum antenna.

The Caribbean advantage was something evident even to Randy, K5ZD, who wrote that he noticed how close WP3R was to the rest of the pack...for a while.

"I recall working K5TR, N9RV and WP3R within a few minutes of each other around 10 hours into the contest. They were all within 20 QSOs of each other," Randy wrote, adding that N9RV was in the lead.

"Amazing that WP3R was able to run away from all of them at about 60 QSOs per hour for the rest of the contest. That is a Sunday afternoon advantage!"

Glenn, K6NA, mounted a pretty good challenge from San Diego, edging out

George, K5TR, for second spot, while Mike, W0MU, hit on his first SS in quite some time with the last spot in Top 10.

### Multioperator

We'd love to tell you more about multi-op winner K9NS, the Mount Frank Contesters, but they never respond to our inquiry. While they may be modest in refusing to talk, they certainly aren't modest about putting up big numbers. Their 1992 QSOs and sweep was more than 200 ahead of NJ4M.

NJ4M isn't afraid to talk, however. Their spokesman, Frank, KA0GGI, admits the K9NS team puts up some big numbers, but they're working on it. Expect another run at K9NS this year. NJ4M is co-piloted by some heavy hitters in contesting circles, including Dan, K1TO, Ron, WD4AHZ, and KA0GGI.

"Last year, the QSO gap was 121 Qs and this year 186 Qs. It appears K9NS pulled away more than NJ4M caught up," Frank said. "One of the NJ4M goals for next year will be to tighten that QSO gap."

Frank said Florida doesn't have the same advantage over the Midwest as the Caribbean, pointing to a band-by-band breakdown of claimed scores. While NJ4M outshone K9NS on 15 by 406, K9NS took every other band, including 80 by 376 and 20 by 149. "...A central US location is obviously an advantage in the SS competitions, with stations on average closer to the Midwest," he said.

### Unlimited

Dave, K6LL, continues to acquit his city lot antenna farm very well, with another victory in the anything-goes (well, almost) class.

His 1920 Qs and a sweep would have put him in fourth place in B, showing that this is a refuge category no more. It's as



hard fought as any of them.

But Dave feels no rush to scoot back to B. "I think I'd rather be the big fish in a small pond," he wrote in an e-mail. "It gives me a good, solid goal for the contest. Besides, the Telnet stuff is kind of fun to play with, even if it's not overly productive."

Dave could also be a poster boy for modest stations, running a tribander at 48 feet and a two-element "shorty forty" at 54—a setup within reach of anyone who really tries—to very good effect.

Dan, K6IF, returns to SS with a No. 2 showing in Unlimited, with a score that would be quite competitive in B. "I got off to what I thought was a good start—about on par with my 1800 QSO effort in '02 in the first two hours. At the end of 7 hours I was 80 QSOs behind my '02 effort. Little did I know that I was already more than 200 QSOs behind Dave."

His effort was muted somewhat by an arcing capacity hat on his 40 meter antenna. "I had to reduce power to 400 watts, which made life pretty miserable."

Mults came easily enough, but by Sunday afternoon, the doldrums were in full force. "The end was miserable. Final hours of 66, 49, 32 and 17!"

## School Club

A broken rotator and a mad dash to toss up a 40-meter dipole didn't dampen the enthusiasm at winner W7UQ in Idaho. Aaron, KC7RSO; Kyle, KB5TSS; Chris, KL9A, and Jeff, KD7PHG, were joined later in the contest by Geoff, KC7QCS, and Doug, KD7YBZ, and his wife Delayna. The numbers weren't huge, but their enthusiasm seemingly knows no bounds. Watch for them again this year. "We look forward to next year when we will attempt to bump up the Idaho school record," Aaron wrote. W7UQ scored 620 QSOs and 75 sections. W9YT, with a score of 64,116, came in second.

## Affiliated Club Competition

Clubs continue to mount some impressive efforts at SS recruiting, and if it pays off for anybody, it's the rest of us who end up with a few more Qs in the log than we might were it not for team spirit encouraging more folk to get on. And, of course, that's the whole point of club competition.

The gavel this year goes to the Northern California Contest Club, whose 250 entrants posted a combined 19,844,698 points in the Unlimited Category. They were led by WC6H and K6IF, who placed second in

Unlimited overall. The Society of Midwest Contesters, without whom some Midwest sections might be a whole lot more rare, entered 203 logs for 12,786,654 points to finish second to the NCCC.

The Medium Category was won by the Southern California Contest Club, whose 35 members posted an astonishing 3,624,892 points. Top scorer in that club was overall No. 2 contestant K6NA.

The Local Category was won by Mt Frank Contesters, whose nine entrants posted 1,082,270 points.

In all, the 58 clubs accounted for more than 1440 logs between the phone and CW portions. It's safe to say at least a few of those stations wouldn't have been on the air if not for the club rivalry. Way to go, clubs!

## Trivia

Which was the rarest section, in terms of submitted logs? It's not what you think. It's not MB, NL, NT or even SK.

Nope. It was Puerto Rico, with only one log entered: WP3R.

I suppose if any section is only going to have one station, it had better be the one with WP3R. See you in the pileups this November 19-21 for the next edition of the ARRL November Phone Sweepstakes.













W0MW	135,200	845	80	A	WA0OTO	9,450	105	45	A	KI0OV	14,850	135	55	Q	VE3CR	41,648	274	76	A
WB0YJT	34,086	247	69	A	K0NDX	8,832	96	46	A	W0UVC	10,212	74	69	Q	VE3DZ	32,480	232	70	A
N0VRP	29,648	218	68	A	WA0WCV	8,342	97	43	A	K0GND (+ K0NEB, N0GVK, WD0EGK, KE0BZ, KC0RSW)	175,538	1111	79	M	VE3MGY	27,720	210	66	A
K0RH	26,280	219	60	A	N0BM	4,640	58	40	A	WA0ASM (+ WD0FGV, KG0GY, KC0DFR, WB0LQR)	55,050	367	75	M	VA3SWG	25,568	188	68	A
W0IE	16,124	139	58	A	W0HW	1,768	34	26	A	W0TAW (+ KC0RUQ)	14,098	133	53	M	VE3UZ	24,948	198	63	A
KA0EIC	14,170	109	65	A	KB0NES	1,240	31	20	A	N0UNL (KC0RNZ, N0KIS, ops)	24,940	215	58	S	VE3WMP	23,852	178	67	A
KC0GL	13,608	126	54	A	KC0PZP	24	4	3	A	<b>North Dakota</b>					VE3XAT	18,056	148	61	A
N0QE	10,290	105	49	A	WA0VBW	66,424	437	76	Q	K0VX	14,310	135	53	B	VA3DX	14,756	119	62	A
KC0ADP	6,080	76	40	A	K0PC	25,480	196	65	Q	W6RD	70,680	465	76	A	VE3EL	13,824	128	54	A
AB0DP	6,076	62	49	A	W0IS	2,790	45	31	Q	N0SJ	43,956	297	74	A	VE3EBN	10,000	100	50	A
AB0VM	14,112	126	56	Q	KE0L	88,452	567	78	U	KD4POJ	30,016	224	67	A	VE3JDF	9,690	95	51	A
W0BH	238,720	1492	80	U	N0IM	71,440	470	76	U	KC0EAK	19,440	180	54	A	VE3EJ	8,058	79	51	A
W0BR	51,100	350	73	U	N0FP	21,504	168	64	U	AI0Q	17,080	140	61	A	VE3GLO	2,520	42	30	A
W0NO (+ AB0S, K0WA, K0BJ)	234,720	1467	80	M	K0AD	17,930	163	55	U	K0UD	2,550	51	25	A	VE3GYL	2,438	53	23	A
KA0BHO (+ KA0BAT)	18,178	149	61	M	KT0R (+ K0AD, K0OB)	273,280	1708	80	M	N0GF (N0OJ, KE0A, KI0LS, KC0JPP, ops)	111,872	736	76	M	VA3EC	2,016	48	21	A
W0MI (AC0E, KA0RID, ops)	11,800	100	59	M	KR0B (+ N0BKL, AF9T, KS0T, N0RA, K0KP, KB0MHF)	206,880	1293	80	M	N0UD (KC0HXF, KC0PNO, WV0H, N0LVW, WB0OAJ, ops)	29,524	242	61	M	VA3HUN	1,824	38	24	A
K0HC (W0BH, KD7ZYS, + loggers)	5,280	66	40	S	KI0F (+ KB9S, KF0Q, KE0S, N0BUI, N0WE, KC9CRM)	147,680	923	80	M	<b>South Dakota</b>					VA3NOE	8	2	2	A
<b>Minnesota</b>					K0UH (+ K4IU)	60,830	385	79	M	W0SD (W0DB, op)	302,240	1889	80	B	VE3LMS	2,944	46	32	Q
KF0GV	172,160	1076	80	B	W0YC (K8GU, N0YNT, KC0TEY, ops)	52,080	372	70	M	K7RE	79,840	499	80	B	VE3IGJ	608	19	16	Q
K0HB	105,120	657	80	B	K0JA (+ K0JE)	41,588	281	74	M	W0BMS	14,076	102	69	B	VE3VSM	111,496	724	77	U
K0IR	72,144	501	72	B	K0SV (+ KC0IRY)	37,088	244	76	M	W0T	113,550	757	75	A	<b>Manitoba</b>				
WB0HCH	56,826	369	77	B	W0EF (K0BUD, KN0F, WA0FW, KC0RET, KB0FH, KE0L, NOMGQ, KC0MNU, WA0MHJ)	32,340	231	70	M	W0JEC (+ W0JCK, W0BKY, W0ABY)	22,646	169	67	M	VE4GV	198,080	1238	80	A
K0CAT (K9WIE, op)	39,798	297	67	B	N1JJ (W0GJ, W0PJ, N0CMJ, KL7YL, ops)	62,080	388	80	S	W0KXZ (+ N0UCR)	162,266	1027	79	M	VE4HAZ	29,078	217	67	A
WB0N	38,220	273	70	B	<b>Missouri</b>					W0FSD (KG0R, N0PV, AB0RE, WJ0S, KC0JZO, N0LPO, KC0MKF, ops)	40,964	266	77	M	VE4YU	22,356	162	69	A
K0BUD	23,836	202	59	B	W0FP	126,672	812	78	B	<b>Maritime-Newfoundland</b>					VE4VV (K9JS, op)	168,000	1050	80	U
K0PLT	20,400	136	75	B	K0DEQ	84,084	539	78	B	VA1OP	156,320	977	80	A	<b>Saskatchewan</b>				
KC0RET	15,360	128	60	B	W0TT	60,996	391	78	B	VA1CHP	49,728	336	74	A	VE5SF	176,480	1103	80	A
KB0PJV	12,864	134	48	B	K0JPL	12,800	80	80	B	VE1DHD	45,500	325	70	A	VE5ZX	97,032	622	78	A
N5IN	12,200	122	50	B	KI0Y	52,268	358	73	A	VE9GLF (+ VE9MY)	27,900	186	75	M	VE5AAD	19,140	165	58	A
W0MN	10,152	108	47	B	KB0NHW	31,360	245	64	A	<b>Newfoundland-Labrador</b>					VE5MX	12,060	134	45	A
K0VG	4,096	64	32	B	WB0QLU	29,820	213	70	A	VO1MP	11,858	77	77	B	VE5JCJ	1,008	28	18	A
WR0DK	111,072	712	78	A	K0DAT	26,130	195	67	A	VO1TA	39,412	334	59	A	<b>Alberta</b>				
N0HJZ	110,720	692	80	A	W0YZZ	13,310	121	55	A	VE1HP	646	19	17	A	VE6JU (VE4XT, op)	177,750	1125	79	B
AC0W	105,702	669	79	A	K8QA	13,224	116	57	A	<b>Quebec</b>					VE6EX	83,176	562	74	Q
N0KK	92,554	601	77	A	AE0AA	10,500	105	50	A	VE2AWR	76,076	494	77	A	VE6RFM	17,544	129	68	U
K3WT	88,500	590	75	A	K0LWV	8,000	100	40	A	VE2DX	43,632	303	72	A	VE6AO (VE6TC, VE6GJ, VE6RRB, VE6KC, VE6PR, HB9TQG, VE6EPK, ops)	198,400	1240	80	M
K0EKL	77,262	489	79	A	AB0TO	988	26	19	A	VE2TSM	19,024	164	58	A	<b>British Columbia</b>				
WA2MNO	71,250	475	75	A	KJ0C	6,072	66	46	Q	VE2MAB (VE2ESP, VA2SH, VE3TJL, VA2SMF, VE2SJA, VE2HXX, VE2RKM, VE2DWT)	32,964	246	67	M	VE7KET	13,938	101	69	B
WA0MHJ	62,634	429	73	A	AD9P	15,872	128	62	U	<b>Ontario</b>					VA7IRL	16,104	183	44	A
W0ZQ	52,456	332	79	A	AA0A	9,016	98	46	U	VE3WG	93,288	598	78	A	VA7MJR	15,748	127	62	A
K0MPH	48,618	333	73	A	KB0VVT (+ KG0US, K0OU, KG0UT)	255,680	1598	80	M	VE3XD	60,522	393	77	A	VE7DCY	4,920	60	41	A
AD0W	46,324	313	74	A	KB5ENP (+ KC8SDQ)	15,264	144	53	M	VA3NR	59,736	393	76	A	VA7BS	4,030	65	31	A
K0TG	44,100	315	70	A	<b>Nebraska</b>					VE3TW	50,250	335	75	A	VE7NA (VE7RLH, VE7BGP, VE7JLO, VE7GDE, VA7PLH, VE7BSM, VE7FCO, ops)	42,180	285	74	M
WB0TRA	40,320	288	70	A	KG0ED	28,288	208	68	B	VE3RCN	43,016	283	76	A	VE7FO (VE7HAK + loggers)	32,340	231	70	M
W0PI	39,440	290	68	A	WW0H	59,520	372	80	A	<b>Northern Territories</b>					VY1MB	67,450	475	71	B
K0VH	38,080	272	70	A	K0PFV	53,656	353	76	A	VY1CQ	20,040	167	60	B	VY0KD6WW	16,092	149	54	A
K0KX	32,000	200	80	A	NE0DX	23,040	192	60	A	VE8NSD	7,280	91	40	A	VE8NSD	7,280	91	40	A
WG0M	27,200	200	68	A	W0KT	21,692	187	58	A	VY1JA	35,840	280	64	Q	<b>Checklogs:</b>				
K0TK	23,310	185	63	A	K0AIZ	19,886	163	61	A	KU2US					W17F				
N0OA	21,546	171	63	A	N0WY	18,352	148	62	A										
AE0C	18,972	153	62	A	KB0ARZ	16,402	139	59	A										
KS0T	17,980	155	58	A	KC0RPC	11,220	110	51	A										
N0UV	17,808	159	56	A															
N0EO (AA0AW, op)	16,820	145	58	A															
N0PFY	15,960	140	57	A															
KA0CSW	13,886	131	53	A															
KI0DI	12,320	110	56	A															
N0PI	12,312	114	54	A															
WA0RBW	11,368	116	49	A															
W0QQS	10,856	118	46	A															