

Results, 44th ARRL November Sweepstakes

The 1977 SS was the year of the clean sweep!

By Tom Frenaye,* K1KI

The 1977 November Sweepstakes nearly matched the previous year's SS in number of entries and number of new records set. A total of 2698 logs was received, a decrease of about four percent from the all-time record of 1976 when a bicentennial year SS award was offered for those making more than 200 QSOs.

Competition was, as it always is, very fierce. Last year's number-three operator on cw, KP4EAJ, bettered his effort by more than 40 QSOs to put KP4RF (ex-KP4AST) on top. The record cw score made by K7VPF at KV4FZ in 1976 (193,500) was topped by just 232 points! The super station on top of the mountain in Puerto Rico also produced a new record on phone with Pete, N6CJ/W6RTT, as operator. The old record held by W0TR was smashed by more than 30,000 points.

Overall, the top-ten category gets harder and harder to make each year. This year the average top-ten phone score was up more than 8000 points to 260,817 or an average of more than 72 per hour for the contest! The top-ten average for cw was up 3000 points to 176,097 for a rate of nearly 50 QSOs per hour!

On low power, K5LZO buried W8CQN's 1974 record with a 1035-QSO

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effort. The 1975 record on phone held by WA5VDH was almost topped by N4MM's 175,500 points, but John will have to try again next year to uncover the 27 extra QSOs he needed to break the record. The number-10 spot in the top-ten low-power scores required an increase of 12,000 points (or 10 percent!) in 1977 over 1976. It gets tougher every year.

A couple of scores really do merit special recognition. The effort from VE5DX on phone (number 10 in the top ten) was outstanding, though being about the only station on from Saskatchewan undoubtedly made a difference. George, W0UA, operating from home on cw and at W0TR on phone, turned in the number-two cw and number-three phone score. K4XU managed to make the top-ten low-power on both modes.

Congratulations to all of you who made a clean sweep. A total of 168 managed it on phone (109 in 1976). On cw the going was much tougher with only 27 making it (17 in 1976). The toughest job of all was a clean sweep on both modes. Only five managed it in 1976, but in the 1977 SS dual-mode clean sweeps were accomplished by K1RT, W1ZM, W2SZ (multiop), N6KB, N6MG, K6OQ, K6NA, W7WA, W8RC and VE5DX.

Top Novice scorers, in descending



The big signal up north comes from VE5DX. Jim turned in the top high-power score on both modes in the Canadian Division.

order were WB3DCT/N (33,158 points), WD4AEI/N, WB9UTY/N, WA2IGK/N and WB2JAY/N. Judging from their logs, a lot of higher-class license holders make occasional forays into the Novice bands for needed QSOs.

For the third year in a row the Northern California Contest Club earned the gavel in the affiliated-club competition. Their total score was nearly one-million points better than the Potomac Valley Radio Club's score. NCCC seems to be pulling away in the club competition with a larger margin of victory each time. The number of entries from the top two clubs was down a bit this year but the average score

Division Leaders — CW

Division	High Power	Low Power	Multiop
Atlantic	W3LPL	K3TM	K3CR
Central	W9RE	K9WA	W9YH
Dakota	K0KX	N0NO	K0FVF
Delta	K5GO	K5UR	K5TYP
Great Lakes	K8MR	K8IF	W8UM
Hudson	W2GD	W2CS	K2TR
Midwest	K0MM	K0LUZ	W0EEE
New England	K1RT	W1ZT	K1XM
Northwestern	W7NI	K7ZA	K7WPC
Pacific	N6BT	N6CM	W6YX
Roanoke	K4VX	N4DW	W4BVV
Rocky Mountain	W0UA	K0DJ	W0BZY/N
Southeastern	KP4RF	N4BP	N4KG
Southwestern	W6AM	W6UQF	WA6PZL
West Gulf	N5AU	K5LZO	N5DU
Canadian	VE5DX	VE1MX	VE3ART/3

Division Leaders — Phone

Division	High Power	Low Power	Multiop
Atlantic	K3NA	WA3TBW	N3ER
Central	W9RE	W9OBF	W9YH
Dakota	W0SD	K0FRP	K0FVF
Delta	W5VSZ	WB5NBC	AA4AA
Great Lakes	W8KIC	N8RA	W8WPC
Hudson	K2TR	WB2VFT	W2SZ
Midwest	W0ZLN	WB0ISW	WA0SWC
New England	W1ZM	WB2JSJ/1	N1MM
Northwestern	K7SS	W7GKF	W7FO
Pacific	W6XR	K6SSJ	N6EE
Roanoke	K4VX	N4MM	N4DW
Rocky Mountain	W0TR	K7GLL	WB5AXC
Southeastern	KP4RF	KG4OO	WA3FET/KP4
Southwestern	K6NA	W7UV	AA6RX
West Gulf	K5JA	K5VRX	K5RX
Canadian	VE5DX	VE6ATT	CY4UO

was up. Third place went to the up-and-coming Yankee Clipper Contest Club. They tripled last year's club score (New England Contest Club then) and have to be giving PVRC and NCCC a lot of heat in the next SS. The Texas DX Society and the Frankford Radio Club are new members of the top ten in club competition.

College and university club stations breaking the 200k-point mark were Rensselaer Polytechnic Institute (W2SZ), University of Illinois (W9YH), University of Missouri-Rolla (W0EEE), Ohio State University (W8LT), Georgia Tech (W4AQL), Penn State University (K3CR), University of Manitoba (VC9UM), and Stanford University (W6YX).

The three-tier club competition proposed by the Contest Advisory Committee and approved by the Board of Directors in January should be in effect by the time the 1978 SS comes along. Upcoming issues of QST will carry the complete details, but basically the three categories separate clubs with 10 or fewer entries, 11 to 50, and more than 50 entries.

A large number of logs were reduced in score because of duplicate QSOs, though few managed to exceed the two-percent criterion for disqualification. A few lost QSOs for stretching the clock a bit, and many people lost QSOs for incorrect call signs or incorrect exchanges. Remember to get all of the exchange down correctly and to check your logs *after* the contest to make sure you've eliminated the duplicates. Our eagle-eyed log checkers don't miss much!

Special thanks to all of you who used our forms for the contest instead of handmade ones. People using the homemade log and summary sheets don't always manage to include all of the information necessary.

Thanks to Bill Jennings, K1WJ, and to Arlene Duguay whose many hours of checking for duplicates and typing of the results should not go unrewarded.

Soapbox

A lot of big 3-kHz-wide signals with precedence A . . . after 22 years, SS is still the most interesting event in radio!! (K0CHE/9) Dinner bet with N8LL. Early in the contest my kW dies — he pulls ahead. He goes to sleep — I catch up. His



Walt, W0CP, ended up number three on phone and number five on cw from the Colorado Section in the 1977 SS.

rotor dies — now we're neck and neck. He thinks that the contest ends at 2400 and quits — I secretly pull ahead. He calls me on the phone and finds out that I'm still operating, gets back on, pulls ahead and wins. Surf and Turf to N8LL this year. Just wait 'til next year. (N8RA) Apparent-

ly a vast number of the contesting fraternity cannot spell. Many stations derived the call sign IJ from my phonetics, India Germany! (N6IG) My wife, Sheri and I worked Sweepstakes together and had a ball. Whenever I couldn't raise a station that we needed, she took the mic and with

All-Time High-Power Leaders

CW Call	Score	Year	Division	Phone Call	Score	Year
W3LPL	175,528	77	Atlantic	K3NA	227,700	77
W9YT	154,800	74	Central	W9RE	225,450	77
K0KX	166,204	77	Dakota	W0SD	257,700	77
K5GO	169,312	77	Delta	W5VSZ	228,450	77
K4GSU	169,488	76	Great Lakes	WA8PLZ	213,014	76
W2GD	165,418	77	Hudson	WB2OEU	253,050	76
K0MM	142,992	77	Midwest	K0GXR	180,310	76
K1RT	168,150	77	New England	W1ZM	225,600	77
W7RM	168,150	74	Northwestern	K7SS	286,950	77
WA7NIN	172,950	76	Pacific	WA7NIN	262,950	76
K4VX	164,688	77	Roanoke	K4VX	222,300	77
W0UA	185,400	77	Rocky Mountain	W0TR	285,900	76
KP4RF	193,732	77	Southeastern	KP4RF	318,450	77
W6AM	182,656	77	Southwestern	W6HX	253,200	76
AA5LES	182,780	76	West Gulf	K5LWL/K5JA	244,050	76/77
VE5DX	160,650	77	Canadian	VE5DX	232,350	77

All-Time Low-Power Leaders

CW Call	Score	Year	Division	Phone Call	Score	Year
K3TM	119,574	77	Atlantic	WA3TBW	146,438	77
WB9GFC	128,772	74	Central	W9CBF	134,612	77
N0NO	122,544	77	Dakota	WB0DSP	122,850	72
K5UR	137,970	77	Delta	WA5VDH	179,400	75
W8CQN	137,492	74	Great Lakes	W8TR	117,718	76
W2CS	127,604	77	Hudson	WA2LBT	96,652	76
K0LUZ	115,340	77	Midwest	WB0ISW	122,248	77
W1ZT	122,248	77	New England	K1EUF	152,144	71
K7ZA	109,938	77	Northwestern	W7GKF	148,200	77
K6SSJ	106,042	73	Pacific	K7JCA/6	153,825	73
N4DW	107,136	77	Roanoke	N4MM	175,500	77
K0DJ	126,288	77	Rocky Mountain	WB0MIV	176,100	76
N4BP	149,850	77	Southeastern	K4WAR	119,550	69
K6LKD	115,344	74	Southwestern	WB6PXP	136,656	75
K5LZO	153,180	77	West Gulf	K5RHZ	148,000	70
VE1MX	105,376	77	Canadian	VE6ATT	85,680	76

Clean Sweep Phone

W1ZM	N2WT	N4SA	K5HWO	N6CT	W8MNL	W0TR	K1AD*
K1RT	WB2VFT	N4UF	K5TM	K6PU	W8KIC	K0KE	W2SZ*
K1RM	K2SB	N4ZZ	K5GA	K6SG	N8ET	K0GU	WA3EKL*
K1WB	K2IGW	K4XU	K5WA	KH6IJ	WA8UQH	WB0NYY	K3CR*
W1YG	WA2SIS	K4VX	K5NA	K7KH	N8LL	WB0IKN	WB4JSO*
WA1UAD	WA2SFT	K4YF	N6IG	K7JVR	K8MN	W0TPO	W4AQL*
W1ZA	N3AD	N4RV	K6RV	W7ID	W8SWB	K0LUZ	N4DW*
K1AJ	K3SW	N4MM	WA6JUD	W7GKF	W8GS	WB0RET	K5RX*
K1IU	K5JZN/3	W4MYA	N6KB	K7OX	N8II	W0UC	K6HIH*
K1GSK	K3MWV	W4DM	K6SE	W7NI	K8LZ	W0ZLN	W6RW*
WA1UZH	K3NA	K7ZZ/4	W6XR	W5XZ/7	K9CT	N0RJ	K6FB*
N4ZC/1	W3LPL	AA4FF	N6TU	W7IL	K9BGL	N0SS	N6RZ*
K1VR	K3TM	K0CMF/4	K6OQ	K7SS	K9NR	K0SCM	K6ZM*
W100	K3SA	N4DJ	N7MH/6	K7RI	WA9IXF	W0SD	N6EE*
K1IK	K3RA	KP4RF	N6MG	K9HDE	WA7UWE	WA0LYO	W8LT*
W1FP	WA3VUQ	WB5NBC	N6BT	W7WA	K9CC	VE5DX	W9YH*
K1BW	K3UA	W5VSZ	W6MSF	W7BUN	WB9CGL	N1MM*	W9VL*
W2YV	N4KG	W5YZ	W6MUR	W8RC	WB9TIY	K1WJ*	N9RR*
K2NN	K4JPD	K5JA	WB6UOC	W8FF	W9RE	W1GNC*	W9YB*
W2XL	K4HAV	W5MYA	K6NA	K8MJZ	K9UWA	K1DG*	WA0SWC*
W2RQ	K4FU	K5VRX	N6BV	WB8BGY	N9AW	K1MM*	WB0TCQ*

Clean Sweep CW

K1RT	N4BP	N6KB	K6NA	N7AM	W0UA	VE5DX	W4AQL*
W1ZM	K4PJ	N6MG	W7WA	W8RC	W0ZU	W2SZ*	N5DU*
W1XT	N5AU	WB6DSV	K7RA	W9TG	VC9UM	W2HG*	WA6PZL*
W2NJ	K5NU	K6OQ					

*Multioperator

Affiliated-Club Competition

Club	Score	Entries	CW Winner	Phone Winner	Club
Northern California Contest Club	11,205,572	114	N6BT	W6XR	John Brown University Amateur Radio Club
Potomac Valley Radio Club	10,279,768	123	W3LPL	K3NA	University of Manitoba Amateur Radio Society
Yankee Clipper Contest Club	9,175,366	108	K1OX	K2TR	Ozaukee Radio Club
Mad River Radio Club	5,027,902	49	K3UA	K3UA	Canton Amateur Radio Club
Wireless Institute of the Northeast	3,057,338	32	W2RQ	W2RQ	Northern Florida Amateur Radio Society
Murphy's Marauders	2,584,050	25	K1RT	K1RT	Lake County Amateur Radio Club
Texas DX Society	2,333,070	20	K5RC	K5GA	Motor City Radio Club
Western Washington DX Club	2,215,510	26	W7WA	K7SS	Northeast Amateur Radio Contest Operators
Frankford Radio Club	2,199,540	27	W2GD	N3AD	Synton Amateur Radio Club
Colorado Contest Conspiracy	2,080,984	16	W0UA	W0TR	Eastern Iowa DX Association
Southern California Contest Club	1,556,166	16	W6AM	N6UR	Connecticut Wireless Association
South Jersey Radio Amateurs	1,272,381	49	WA2VYA	WA2VYA	Schenectady Amateur Radio Association
Ill-Wind Contesters	1,044,180	14	K9KM	W9XR	Bluegrass Amateur Radio Club
Buffalo Area DX Club	1,043,388	15	K2IGW	K2IGW	Overlook Mountain Amateur Radio Club
Richardson Wireless Klub	1,004,150	17	K5NW	WB5TDO	St. Louis Amateur Radio Club
L'Anse Creuse Amateur Radio Club	902,276	25	K8DD	K8DD	Central Virginia Contest Club
Central Illinois DX and Contest Club	885,078	13	K9CT	K9CT	Western Carolina Amateur Radio Society
Cascades Amateur Radio Society	817,328	19	WA8QEF	K8MJZ	Southeast DX Club
Minnesota Wireless Association	795,676	13	K0JL	K0JL	Hazleton Amateur Radio Club
Ft. Wayne Radio Club	794,730	14	K9TUS	K9KB	Pennsylvania Amateur Radio Club
Gloucester County Radio Club	766,028	16	W2KI	W2KI	Purdue Amateur Radio Club
Ohio Valley Amateur Radio Association	700,242	13	W8RSW	W8GS	Arinc Amateur Radio Club
Central Florida DX Association	669,724	10	N4SA	N4SA	Central Michigan Contesters
Mid-Mo Amateur Radio Club	648,440	17	N0SS	W0ZLN	Muskegon Area Amateur Radio Club
Saginaw Valley Amateur Radio Association	645,696	30	K8DO	K8DO	Whitewater Valley Amateur Radio Club
Texas Association of Contest Operators	636,766	6	K5ZD		Lincoln Amateur Radio Club
Indy DXers	592,700	4			Fresno Amateur Radio Club
Twin City DX Association	587,406	5	K0KX		Atlanta Radio Club
Pennsylvania Wireless Association	534,202	17	K3OX	K3OX	Libertyville & Mundelein ARS
Wisconsin Valley Radio Association	504,962	8	W9NA	W9NA	Signal Hill Amateur Radio Club
Central Michigan Amateur Radio Club	496,156	25	W8VPC	WA8QCV	Alamance Amateur Radio Club
Schaumburg Amateur Radio Club	465,962	4	K9RMA	K9RF	Radio Amateur Megacycle Society
Kankakee Amateur Radio Society	461,578	5	K9NR		Radio Amateur Technical Society

her feminine voice she would get them every time! She won't let me live it down either. (WB9MMM/WB9SFT) I knew this was going to be a good contest when contact number 10 was Vermont. The happiest moment of the contest was when VE8AS came back to our first call for section number 75. (K6FB) Happiness is KZ5HQ breaking in and saying "I'm not in the contest, but I heard you say that you needed KZ5 . . ." Biggest thrill was the maximum rate of 113 QSOs per hour in the first hour of the contest and on 10 meters. This 113 is one-sixth of my entire last year's phone SS effort! (N6HE) The dupe sheet was hard enough to do last year, but with Ns and WDs added this year, it was beyond my ability. With AAs, WNs, KNs and WV prefixes on the way, I'm not sure what can be done. (K1MC) How about a Sweepstakes around July

like the November SS or like the Bicentennial Celebration? (WB8WEZ) [Andy, the IARU Radiosport Championship is on July 8-9 this year. Try it, you'll like it! — Ed.] I didn't realize that the SWR on 40 meters was 5 to 1, until after I had worked 27 sections. (WB2KIH) My first SS and had lots of fun. I didn't break any records, just wanted to get my feet wet in contesting. I wish that there was more action for the Novice in this contest. (WD4DBB) Courtesy was the order of the day. Good sportsmanship at all times by everyone, makes this a really enjoyable contest. (K2JT) 120 QSOs in 46 sections . . . not bad for an apartment dweller, using a clothesline antenna. Conditions were terrific! (WA1KJT) This year, I had all the bad effects of a hangover on Monday, with none of the "joy." (N4OW) Dear Sadist: The contest, I learned, is fun up to

a point. The bookkeeping is no fun. There has to be a better way. Don't know what it could be, but is sure is a pain in the butt. (WB7ODU) K2AA — check 15!!! Unreal! (WB1AOG/N) I went to see the movie *Star Wars* just before the phone contest and it certainly got me in the proper frame of mind. Unfortunately, "The Force" was with W9RE, not me this year. (W9OBF)

Feedback

From 1976 Sweepstakes, K6AC should have been listed as the division leader in the Southwest Division, K1KDP, the division leader (multiop) in the New England Division, and W0NVP as the division leader (low-power) in the Midwest Division. K4WSF should have been number 10 in the low-power top ten. K5VTA was the operator of W5TMN. □



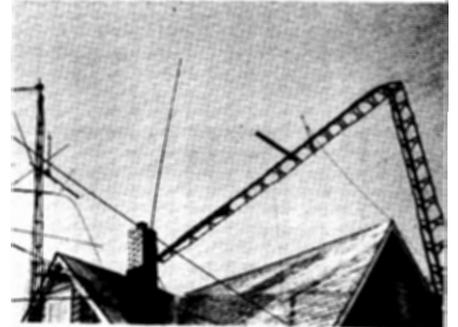
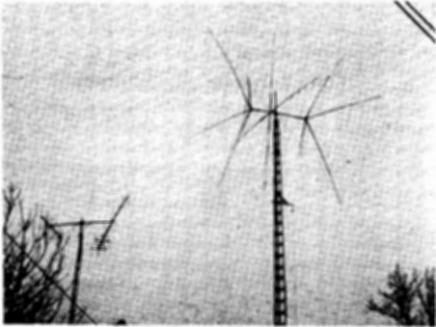
Roger, N4RR, relaxes after a job well done. 174k points earned him the number-five slot among the best of the cw operators.

Top Ten

CW Call	Score	Phone Call	Score
KP4RF	193,732	KP4RF	318,450
W0UA	185,400	K7SS	286,950
W6AM	182,646	W0TR	285,750
W3LPL	175,528	W0SD	257,700
N4RR	174,762	W6XR	249,300
N5AU	173,250	K2TR	246,568
K5RC	171,988	K0KE	244,650
K5GO	169,312	K5JA	244,050
K1RT	168,150	K6NA	242,400
K0KX	166,204	VE5DX	232,350

Top Ten — Low Power

CW Call	Score	Phone Call	Score
K5LZO	153,180	N4MM	175,500
N4BP	149,850	WB5NBC	165,000
K5UR	137,970	W7GKF	148,200
K5MR	129,648	WA3TBW	146,438
W2CS	127,604	K5VRX	140,100
K0DJ	126,288	K4XU	139,350
N0NO	122,544	W9OBF	134,612
WB5YEM	122,360	K4FOB/5	126,280
W1ZT	122,248	WA7YXZ	123,432
K4XU	120,472	WB0ISW	122,248



KØFRP in a before and after photo set, shows what 85-plus mi/h winds can do to a brand-new quad and supports. Al vows things will be fixed up in time for SS 1978.

WB2NFB/N	616-	22-14	9-A
WB2KMS	570-	19-15-10	A
WA2QXA	120-	10-6	1-A
W2HG(+WA2HGS)	77,100-	514-75-23-B	
WA2IAT(+WB2FDI)	40,470-	355-57-24-A	
W2PE(Wa2s OJX OKB OXG,opr)	24,476-	211-58-24-A	
K2KSJ(Multiop)	570-	19-15	7-A

3

Delaware

W3DA	81,030-	555-73-22-A	
WA3UKY	37,664-	461-62-14-B	
K3HBP	34,500-	250-69-14-A	
W3PQ	26,950-	245-65-9-A	
W3GL	2914-	47-31	3-A

Eastern Pennsylvania

W3RJ	165,020-	115-74-24-B	
K3OO	144,720-	100-75-24-B	
N3AD	120,596-	826-73-24-B	
K3SEW	100,594-	689-73-24-B	
K3RW	88,900-	389-70-15-B	
K3OX	87,984-	611-72-	
W3GRW	87,188-	614-71-20-B	
W3BI	73,356-	544-72-20-B	
W3MA	77,452-	578-67-17-B	
W3BGN	75,136-	587-64-14-A	
W3ARK	73,700-	550-67-19-A	
K3HXS	67,804-	506-67-14-B	
WA3JVB	66,924-	507-66-18-A	
N3DG	66,156-	447-74-19-A	
W3ADE	52,768-	388-68-21-B	
K3AIV/3	47,800-	389-65-11-B	
K3YL	50,250-	375-67-13-B	
K3UK	39,996-	303-66-21-A	
W3SCBI	39,330-	345-57-21-A	
W3MVP	36,500-	308-59-13-A	
W3DCT/N	33,158-	281-59-21-A	
W3JHNF	33,138-	263-63-24-A	
W3BF	24,084-	223-54-18-A	
W3ZID	20,880-	180-58-14-A	
W3BF3Z	17,760-	185-58-11-B	
N3KR	17,064-	158-54-11-B	
W3WFMF	16,500-	150-55-7-A	
K3WF	14,760-	205-36-3-B	
K3FD	10,904-	116-47-8-B	
K3KW	10,812-	106-51-5-A	
W3BDIV	16,320-	120-43-21-B	
W3BAVF	8658-	117-37-14-A	
W3KV	8464-	92-46-	
W3CLM	8000-	100-41-11-A	
N3JD	18,000-	104-11-11-A	
W3AJS/3	7920-	90-44-6-A	
W3BIUD/N	7144-	94-38-19-A	
K3NL	7128-	99-36-4-A	
K3PA	6808-	92-37-3-B	
W3BJDF	3300-	55-30-1-B	
W3MKB	2904-	44-33-7-A	
W3AKI	2856-	51-28-6-A	
W3HM	2756-	49-27-3-B	
W3FYT/N	2736-	57-24-11-A	
W3ANRU	2400-	50-24-3-A	
K3AGU	672-	24-14-	
W3ARCA(WA30V,opr)	598-	23-13	6-A

Western Pennsylvania

K3UA	158,544-	1101-72-24-B	
K3KO	91,296-	634-72-21-A	
W3AS	85,626-	603-71-16-B	
W3W	64,736-	476-68-20-A	
W3VC(WA4GB,opr)	64,528-	436-74-16-B	
W3VJL	63,240-	465-68-20-B	
W3GB	61,200-	425-72-23-A	
W3BAXN	60,240-	386-69-18-B	
K3IC	50,050-	385-65-16-B	
K3VCH	33,640-	290-58-16-A	
N3PM	32,200-	282-50-12-B	
W3BCDD	15,770-	153-45-18-A	
W3WIK	10,656-	111-48-3-B	
W3BAHH/3	5740-	82-35-3-B	
W3WJ	2350-	51-25-9-A	
W3JJI	2332-	53-22-7-A	
W3FBJ	1596-	38-21-8-A	
W3FEU	468-	18-13-8-A	
W3FS	9-	9-	9-A
K3CR(WA3NQX, JFW, ZUS, opr)	129,220-	910-71-24-B	
W3YI(WA3s G5B TBL TIG TJX ZDD, opr)	19,866-	163-61-16-A	
W3A3DI(WB3s DKT DKU H5V, opr)	19,788-	194-51-10-A	

WA3EQQ	42,960-	358-60-17-B	
K3TW	41,310-	405-61-8-B	
W3HVM	38,016-	288-66-13-B	
W3UJ	36,864-	288-64-20-A	
W33AMM	35,456-	277-64-19-B	
W3U5S(WA1FEQ, opr)	34,760-	316-55-3-B	
K3PZE	32,026-	239-67-18-B	
W3XTE	29,649-	260-57-8-B	
W3BDI	26,950-	245-55-18-A	
K25CU/3	27,032-	218-62-13-A	
W3EE	26,448-	232-57-16-A	
W3DHA	24,750-	238-52-18-A	
W3DQT	18,462-	181-51-18-A	
K3NS	17,380-	158-55-6-A	
W3ML	15,776-	136-58-6-B	
W3ID	15,360-	160-45-15-A	
W3IXC/N	15,210-	169-45-24-A	
WA3YSW	14,400-	144-50-15-A	
DK5AD/W3	14,350-	205-35-9-A	
K3KA	12,342-	121-51-10-A	
W3EEE	12,338-	199-31-12-A	
W3FVZ	10,750-	125-43-6-A	
WA3VPL	9180-	102-45-14-A	
WA3RSK	7568-	88-43-2-A	
W3DJI	7360-	92-40-9-A	
K3CJT	5040-	72-35-3-B	
W3CN	4968-	69-35-7-A	
K3AZK	4480-	70-32-9-A	
W3TUX	4012-	59-34-8-A	
W3GWM	3328-	52-32-6-A	
K3KA	3200-	50-32-6-A	
W3RIL	2-	1-1	1-B
N3GB(+WA3E2)	89,838-	651-69-23-B	

Northern Florida

N4SA	149,628-	1011-74-20-B	
N4UF	109,200-	780-70-24-B	
K4LAN	65,600-	625-63-14-B	
W4WQ	81,252-	549-74-10-B	
N4GG	37,440-	312-60-6-B	
W4DTS	30,916-	262-59-11-A	
W4XDL	118,712-	636-71-24-B	
W4HDS	17,900-	179-50-17-A	
W4BASQ	15,900-	150-53-5-A	
N4EF	8800-	100-44-4-A	
W4AMQJ	4932-	66-30-12-A	
W4YFF(+W4BDZ)	95,566-	673-71-23-B	
W4IZ(N4UF, W4s UKX, opr)	29,040-	242-60-17-A	

South Carolina

K4OAQ	85,932-	693-62-24-A	
K4RY	51,504-	348-74-18-A	
W4AWN	12,954-	173-15-2-B	
W4LLC/T	2912-	52-28-14-A	
W4LBC/T	2088-	36-29-18-A	
W4LW	207-	45-23-8-B	
W4IWO/N	1140-	57-10-14-A	

Southern Florida

N4RR	174,762-	1197-73-24-B	
N4BP	149,850-	999-75-24-A	
N4OW	118,712-	636-71-24-B	
W4AKMO	64,944-	492-66-15-B	
K4XB	57,078-	453-63-21-B	
K4HYE(N2CR, opr)	64,564-	242-71-14-A	
N4KB	24,230-	193-55-7-A	
W4AUM	15,484-	158-49-10-B	
W4AFY2	11,520-	120-48-9-B	
W4LZR(K4XF, WA9CF, opr)	49,032-	287-68-21-B	
W4QNX(K4IG, WA4CT, WB4NTH, opr)	98,420-	703-70-24-B	
W4QNX(K4IG, WA4CT, WB4NTH, opr)	20,374-	167-61-12-B	

Tennessee

N4ZZ	153,792-	1068-72-24-B	
K4XU	120,472-	814-74-24-A	
K4AMC	93,024-	646-72-24-A	
N4AM	74,606-	511-73-23-A	
K3CQ/4	76,928-	601-64-24-A	
N4UW	75,190-	515-73-21-A	
K4RP	48,375-	323-75-18-B	
W4AMUZ	26,966-	237-59-11-A	
K4BQ	26,000-	200-65-7-A	
W4EVB	20,604-	202-51-14-A	

Virginia

K4VX(WB45GV, opr)	164,688-	1128-73-24-B	
W4KFC	144,004-	973-74-19-B	
K4RQL	137,000-	973-74-19-B	
K4F	133,200-	930-72-2-B	
W4DM	109,938-	753-73-23-B	
N4DW	107,136-	744-72-23-A	
W4EI	100,656-	699-72-25-B	
W4HR	91,908-	621-74-24-A	
N4ZB	78,242-	551-71-24-A	
W4WYN	65,540-	330-69-15-B	
K4GC	72,136-	508-71-12-B	
K4CCG	70,716-	498-71-12-B	
K4KIF/4	70,380-	510-69-19-A	
K4M	66,930-	485-69-15-B	
W4NH	66,080-	472-70-14-B	
K4KA	61,962-	449-69-17-A	
W4ZM	61,200-	450-68-12-B	
K4VQ	59,924-	422-71-19-B	
W4GF	58,220-	410-71-13-B	
W4MYA	47,736-	351-68-10-A	
W4M	26,400-	163-68-21-B	
K4TM	42,918-	311-69-12-A	
K4KDN	42,320-	303-70-22-A	
K4GEL	33,624-	251-67-11-A	
W4KJ	32,800-	278-55-24-A	
W4KJ	32,800-	278-55-24-A	
W4AUYD	32,076-	297-54-13-A	
W4EAZ	22,500-	216-63-16-A	
K4EJG	23,790-	195-51-6-A	
N4RA	22,550-	225-51-6-A	
K4JTH	21,710-	167-65-20-B	
K4VQ	15,352-	146-56-10-B	
W4AFKK	16,060-	146-55-12-A	

Kentucky

K4FU	70,372-	482-73-20-B	
W4FOT	68,180-	487-70-20-A	
W4PRU	41,736-	304-67-22-A	
W4AAM	26,640-	222-60-8-B	
N4XM	26,640-	222-60-8-B	
W4AGHO	15,198-	149-51-10-A	
W4RQI/N	7400-	100-37-19-A	
W4LSC	1302-	31-21-16-A	
W4OEB	440-	22-10-7-A	
N4BW	240-	12-10-4-A	
W4AQA	180-	16-9-5-A	
W4ACNDI(+K4VCS, WB4s MQR PVC, WD4HCS)	29,100-	291-50-24-A	
W4JP(+WA4JA)	11,040-	115-48-10-A	

WBANTB(WA4s NAR PSO UNJ WB4CEM,opr) 9964- 106-47-14-A

North Carolina

WA4FFW	103,104-	716-72-23-B	
N4AA	59,400-	450-66-9-B	
N4YM	51,600-	426-63-14-B	
WA4PSL	49,270-	379-65-9-A	
N4RE	35,990-	295-61-12-A	
K4CAX	32,736-	264-62-9-B	
K3OMI/4	26,962-	221-61-13-A	
W44AEI/N	26,796-	231-58-23-B	
W4BGL	23,712-	208-57-9-A	
W4LWO	20,608-	161-64-13-B	
N4GF	19,932-	129-54-8-B	
W4MBV/N	4588-	74-31-24-A	
N4ZH	8000-	100-40-4-A	
W4MBV/N	4588-	74-31-24-A	
W4TJ	2550-	51-25-6-A	
W4CTA	552-	23-12-7-A	
W4AHY(AA4ZZ, WA4s RVC UOP WB4CFV, WD4KWU, opr)	22,032-	204-54-23-A	

Arkansas

K5GO	169,312-	1144-74-24-B	
K5UR	137,970-	945-73-24-A	
W5BYEM	122,360-	874-70-24-A	
W5NBOC	110,016-	764-72-23-A	
W5SHNH	71,552-	559-64-16-B	
W5STO	36,252-	318-57-16-A	
W4OGG/5	19,100-	191-50-1-A	
W5TGP/N	17,150-	167-49-24-A	
W5EJ	6248-	71-44-7-B	
W5WQ	4680-	65-36-9-A	

Louisiana

K5KU	150,672-	1032-73-24-B	
W5MH	93,586-	601-74-24-A	
K5MC	55,120-	424-65-16-A	
W5WG	47,334-	343-69-22-A	
W5HGT(WB5YD, opr)	30,222-	252-60-23-A	
W5GDCD	18,370-	167-55-18-A	

Mississippi

W5VSZ	137,376-	954-72-24-B	
W5RZ	125,800-	850-74-22-B	
K4VY/5	113,884-	802-71-22-A	
W5TV	28,440-	237-60-19-A	
W5DGNR/T	9064-	103-44-15-A	
W5DGA	8000-	102-40-12-A	
K5TYP(WB4KST, WB5s NRH ZQD, WB5UW, WA7YEJ, WB8FBN, WB8LOV, WD9ETG, opr)	22,776-	219-52-24-A	

New Mexico

W5YTX	137,048-	926-74-24-B	
W5YZ	93,536-	632-74-24-A	
W5QJH	52,948-	427-62-10-A	
W5JOV	2760-	46-30-2-A	

N4YJ	15,484-	158-49-7-A	
W5BDKB	13,120-	160-41-6-A	
AA4CT	12,544-	128-49-16-A	
N4QS	12,576-	131-48-7-A	
W4JEK	12,160-	152-40-21-A	
W4ATD	11,480-	140-41-15-A	
W4ECK/N	10,906-	133-41-21-A	
N4LE	10,620-	118-45-6-A	
K4EJ			



KØPVI made himself one of the most popular folks in the cw SS by operating portable in seven-land and passing out the much-sought-after Wyoming Section.



N6IG finished in seventh place on cw in the Santa Clara Valley Section.



At the ripe old age of 14, Paul, VE1AVI, entered his first SS and enjoyed every minute of it.

North Dakota	
KØFRP	78,336-544-72-22-A
W9A1AT/p	5624-76-37-11-B
South Dakota	
WPSD(KØRA,opr)	131,320-938-70-24-B
WB9PYL	65,928-492-67-23-A
WA9LYO	47,710-367-65-22-A
WP9HP	10,488-117-46-8-A
WA9BWF	2132-41-26-12-A
WA9ZXV	220-11-10-4-A
WB9VGN(+WDØCUC)	43,092-342-63-20-A

WBØLQX(+KØOR,WBØs ZZF ZZH,opr)	3780-63-30-7-B
VE	
Maritime- Newfoundland	
VE1MX	105,376-712-74-21-A
VE1VI	38,488-283-70-16-B
VE1EP	10,082-71-71-1-A
VE1AVI	9890-115-43-14-A
Quebec	
VE2AH	64,610-497-65-21-B

VE2AQP	47,610-345-69-20-B
VE2HY	47,520-360-66-18-B
VE2FU	24,486-231-53-6-A
VE2E0H	17,200-172-50-9-B
VE2DUN	2000-40-25-3-B
Ontario	
VE3GCE	76,300-545-70-22-A
VE3DAP	60,320-464-65-21-A
VE3BAY	45,152-332-69-19-B
VE3DUS	86,374-267-61-11-A
VE3ACB	25,620-210-61-17-A
VE3VY	10,608-102-52-8-B
VE3DH	5106-69-37-4-A

VE3AOJ(+VE3CPW)	4884-66-37-8-A
VE3IRN	336-14-12-13-A
VE3EART/3(+VE3s ATD FBI GAS)	28,500-250-57-12-A
94,068-702-67-19-B	
Manitoba	
VC9UM(VE4VY,opr)	122,550-817-75-22-B
VE4OY	85,342-601-71-22-A
VE4RF	74,592-518-72-20-A
VE4UO	28,500-250-57-12-A
VE4XI	9632-112-43-12-A
VE4GBS/4(VE4UO,opr)	70-7-5-1-A

Saskatchewan	
VE5DX	160,650-1071-75-24-B
CY5YA	59,400-495-60-17-A
Alberta	
VE6ATT	25,134-213-59-15-A
VE6AFE	552-23-12-5-A
British Columbia	
VE7CC	154,660-1045-74-24-B
VE7CMK	69,030-531-65-24-A
VE7IQ	58,320-405-72-21-B
VE7CKF	1360-40-17-9-A

Phone Scores

U.S.A.

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Connecticut	
W1ZM(K1ZM,opr)	225,600-1504-75-24-B
K1RT	221,850-1479-75-24-B
K1RM	211,200-1408-75-24-B
K1EB(WB2GXW,opr)	168,046-1151-73-24-B
K1WB	146,550-977-75-24-B
W1YG	135,600-904-75-23-B
W1OD	123,060-879-70-22-B
W1UAD	109,200-728-75-21-B
K1CO	86,140-590-73-24-B
N1WJ	84,672-588-72-14-B
W1VV	81,906-561-73-13-B
K1DH	80,798-569-71-12-B
W1GSH	72,988-514-71-18-B
W1VNS	61,124-518-59-23-A
K1WA	59,280-456-65-8-B
W1UBX	53,060-379-70-14-B
K1ZZ	52,440-460-57-5-A
W1AEF	43,940-338-65-A
W1XK	35,772-271-66-13-B
W1TUH	22,578-213-53-12-A
W1ASH	17,600-200-44-16-A
W1DLA	15,800-166-50-11-A
W1AUNK	13,832-133-52-13-B
K1DD	8184-132-31-6-A
W1ASQB	6120-90-34-2-B
N1RC	4590-85-27-2-B
N4OC/1	2750-55-25-3-B
N1MM(+K1XM)	151,350-1209-75-24-B
K1WJ(+WB6KJ,WA1QNF)	169,950-133-75-24-B
W1GNC(+W1XX)	147,300-982-75-24-B

Eastern Massachusetts

W1ZA(K1UA,opr)	197,250-1315-75-24-B
W1CF(K1OMF,opr)	182,428-1318-73-19-B
K1AJ	185,700-1238-75-24-B
K1IU	153,600-1024-75-24-B
K1GSK	100,850-639-75-24-B
W1UJZH	100,850-639-75-24-B
N4ZC/1	88,200-588-75-13-B
K1VR	70,350-469-75-17-A
N1RC	66,716-464-72-15-B
K1MBQ	60,066-423-71-20-B
W1FM	60,048-417-72-24-A
W1FJL	35,464-286-62-5-B
W1IDML	18,422-151-61-7-A
W1FJ	30,972-267-58-12-B
W1DYH	22,032-204-54-10-B
K1FIR	20,300-175-58-8-B
N1PTE	15,400-145-55-9-A
W1CRL	15,300-128-60-8-B
N1CW	13,600-100-68-5-A
W1AX	13,600-100-68-5-A
W1S1NR	10,500-126-53-4-A
W1PL1	10,500-126-53-4-A
K1CHY	5168-68-38-9-A
W2MZE/1	5148-78-33-6-A
N1RC	5000-62-10-1-A
W1JR	198-11-9-1-B
K1DG(+K1AR)	180,600-1204-75-24-B
W1VMU(K1ZK,VEE,WA1ZV,WB2CTO,WB2MZU,opr)	95,060-679-19-19-B
K1MM(K1s AR DG,opr)	187,902-1287-73-24-B
W1TKZ(WA1s PQY TAK WOE YHT)	187,350-1249-75-24-B

WB1s BVN BVQ,opr)	48,438-349-69-22-B
WA1CBH(+WA1s WNF ZJV)	46,092-34-69-20-A
Maine	
K1RQ	177,750-1185-75-24-B
K1SA	71,680-512-70-16-B
W1OQ	64,900-433-75-11-B
W1UA	47,952-333-72-12-B
W1GX	44,800-350-64-11-B
W1SD	41,026-378-70-15-B
W1DXS	27,216-216-63-7-A
W1WXQ	22,960-205-56-11-B
W1DIO	1470-35-21-2-A
New Hampshire	
K1XX	220,076-1487-74-24-B
K1FWE	116,352-808-72-21-B
W1VDC	95,542-713-67-24-A
K1LL	84,490-595-71-19-A
K1PLX	31,960-235-68-22-2-B
K1GW	27,948-274-51-12-B
W1WFM	26,660-215-62-8-A
W1ITZV	5332-86-31-7-A
W1PUN	60,920-213-3-B
W1BCAG(+K1UTI,WA1s ODS,SUH WB1s ACB,CTE)	53,868-402-67-19-B

Rhode Island	
W1TFF	142,968-966-74-22-B
K1AO	100,100-715-70-21-B
W1GFH	89,176-628-71-23-A
K1KYI	75,372-571-66-20-B
K1HMO	52,944-467-67-17-B
N1DM	16,218-159-51-7-A
W1V1S	14,292-146-51-12-A
K1DS	13,632-142-48-6-A
W1POJ	12,400-200-31-6-A
K1AD(N1OO,W1OH,opr)	147,900-986-75-24-B
W1OP(WA1RKL,opr)	2508-57-22-6-A
K1UZ	1022-33-17-1-A

Vermont	
K1IK	170,400-1136-75-21-B
WB2JSJ/1	116,772-789-74-24-A
W1BZR	19,360-176-55-12-A

Western Massachusetts	
K1BW	199,950-1333-75-22-B
K1KNG	122,544-851-72-19-B
W1TAL	101,178-693-73-19-A
W1G	83,804-574-73-21-A
W1TZ	80,208-557-72-20-A
W1SF	32,376-228-71-12-B
W1PRA	24,244-209-58-12-A
W1YR	22,272-192-58-12-A
K1IR	13,800-150-46-3-A
W1AX	7448-98-38-9-A
W1YK(K1IR,WA1s NDJ,TUH,VUR,opr)	89,352-657-68-14-B

Eastern New York	
K2TR	246,568-1666-74-24-B
W2VY	194,850-1299-75-24-B
W2VP(K2XA,opr)	187,902-1287-73-24-B
K2NN	187,350-1249-75-24-B
W2AZO	114,318-783-73-23-B

K2ZM	111,024-771-72-18-B
K2SD	100,344-678-74-14-B
W2AZPT	87,696-609-72-22-B
K2DF	86,380-67-70-13-A
W2XL	81,260-542-75-19-A
W2BKDC	61,410-445-69-22-A
W2MJQ	19,038-167-57-12-A
W2FDP	11,936-117-51-13-A
K2HA	11,220-110-51-12-A
K2GSF	10,600-100-53-7-B
N2FS	1632-34-24-3-A
W2IS	98,420-703-70-24-B
W2S2(N2FU,W2s SC UP,WB2GSW,opr)	208,200-1388-75-24-B
K2AE(WA2YMM,WB2CF,opr)	36,456-32-47-3-A
W2IR(WA2s EQW EYO,opr)	57,754-431-67-17-B
W2EYB(+WA2EAF)	39,184-316-62-12-A
W2S5C(+K2KO,W2IDI,WA2ALV,WB2s CEP JZZ MJH,opr)	35,456-294-62-24-A
W2NEC(+WB2IKA)	25,220-194-65-18-B
W2FFX(+WB2SNT)	12,446-127-49-5-A

N.Y.C.-L.I.	
N2AT	179,080-1210-74-22-B
N2AR	93,888-631-74-23-A
K2PE	71,686-491-73-15-B
K2NO	66,936-504-67-10-B
W2FO	48,576-35-69-8-A
W2S5G	45,024-336-67-8-A
N2GC	39,680-310-64-13-A
W2IBE	24,592-212-58-19-A
W2HTF	20,720-185-50-13-A
W2HPL	19,260-214-45-15-A
K2OVS	15,600-150-52-10-A
K2TQ	14,880-155-48-8-B
W2HJ	12,000-100-36-3-B
N2RO	11,448-158-53-11-B
W2HAE	8556-93-46-4-A
W2LEJ	6160-77-40-8-A
W2CZ	5600-80-35-8-B
K2AU	3120-60-26-3-B
W2A0JK	2800-50-28-3-B
K2RO	943-41-23-4-A
W2CZ	24-5-2-1-A
K2GIC	748-22-17-1-B
W2SG	112-8-7-1-B
W2TNI	32-4-4-1-A
W2ABOT(+WB2UO,WB2MAV,opr)	100,980-765-66-22-B
K2HVN(+WA2s FFG LDS)	82,416-606-68-17-B
W2JGQ(+W2TJQ)	78,120-558-70-7-B
W2AEE(WA2s YPO,ZKY,W9EAV,opr)	55,504-572-66-18-B

Northern New Jersey	
W2RQ	193,800-1293-75-24-B
N2WT	19,716-161-51-5-B
W2S2Q	149,952-1056-71-23-B
W2GD	146,668-991-74-17-B
W2NPP(W2YT,opr)	123,078-843-73-17-B
W2FTM	95,400-636-75-21-A
K2ZM	92,046-667-69-23-A
N2OM	64,240-440-73-23-A
K2LS	27,363-16-17-B
W2BRTF	50,978-359-71-15-A
K2OP	50,148-398-63-22-A
N2O	47,840-358-65-8-A
W2BPOG	40,180-287-13-1-A
W2BUTO	23,436-189-62-17-A
K2P	20,130-165-61-9-A
W2BQYV	19,716-161-51-5-B
W2AJK	18,240-190-48-14-B
W2AEPK	16,836-163-46-6-A
W2CWX	12,480-130-48-6-B
W2GNW	10,484-78-53-13-A
W2LFFK	9270-103-45-12-A

W9KVF/2	8978-67-67-12-A
K2JLT	6324-102-31-10-A
N2GJ	4732-91-26-3-A
WB2FIT	22108-63-25-4-B
W3EVQ/2	2108-46-24-17-A
WB2MGY	600-20-15-5-A
K2GQ(N2BQ,W2AQR,W2MNYZ,WB2s CKB,FAS,KW,NEX,RR,opr)	58,600-490-70-25-A
ZDH,opr)	
K2VJ(+K2AZ)	153,032-1034-74-24-B
N2EW(+W1GD)	64,326-453-71-22-B
K2BSA(WA2s WDX,WZC,WEC,WB2WWW,opr)	43,670-397-55-16-B
K2MFF(Multiop)	42,160-340-62-16-B

Southern New Jersey	
K2SB(WA3LRO,opr)	167,250-1115-75-18-B
WA2VYA	160,175-1128-71-24-B
W2REH	148,888-1006-74-14-B
K3DVS/2	111,754-877-71-23-A
W2KI(WB2APQ,opr)	105,120-720-73-24-A
W2OSQ	91,280-652-70-19-B
W2DGM	87,592-476-71-15-B
N2HI	81,030-555-73-21-B
N2MM	74,104-556-67-13-B
W2PAU	68,600-490-70-18-B
W2BZ	67,500-476-71-15-B
W2BYU	63,700-455-70-23-A
W2FQ	57,744-401-72-21-B
W2WJL	38,580-296-65-11-A
W2KOK	31,676-258-61-21-A
K2KA	31,536-219-72-11-B
W2AMNO	25,842-219-59-21-A
W2REB	23,426-221-53-12-A
N2GL	17,860-190-47-10-A
N2MR	19,502-199-49-10-A
K2TD	18,952-176-51-6-B
N2L	17,860-190-47-10-A
W2MLJ	10,860-131-30-13-A
W2PFQ	9990-111-45-15-B
W2ROW	7254-93-39-11-B
W2FST	7200-50-6-3-B
W2TDN	6780-113-30-8-A
W2OGZ	6732-102-33-8-B
K3HXS	

W3DZI(+WA2DHD,WB2AFM,WA3s
UQC Z2U) 47,436-354-67-24-A
K3C5C(WA3s) 13,107-117-24-B
WB3s BGV CWZ FEO QP (CV
IRK,oprs) 47,360-370-64-24-A
K3PG1(+WA3S) 41,160-340-62-24-B
WA3RCA(WA3OV,WB3FH,oprs)
14,300-143-50-14-A
WB3EKN(Multiop) 47,528-66-25-8-A
WA3OVH(+WB3FED) 2,280-76-15-4-A

Delaware

WA3UKY 76,024-559-68-10-B
K3HBP 46,200-330-70-11-B
W3WNG 23,790-305-39-2-A
W3NWX 45,444-71-32-3-A
W3SVE 2,700-45-30-3-A
WA3TVS(+N2RF) 65,536-512-64-23-B

Maryland-D.C.

K3NA 227,700-1518-75-24-B
W3LPL(N310) 57,700-1318-75-24-B
K3TM 193,350-1289-75-24-B
W3USS(WA1FEO,oprs) 173,808-1207-72-24-B
K3ZO 170,542-1201-71-19-B
K3SA 165,300-1102-75-24-B
W3FA(WA3ZAS,oprs) 164,424-1111-74-24-B
K3RA 154,650-1031-75-23-B
N4IN/3 113,442-777-73-21-B
K2PLF/3 107,164-734-73-24-A
N3JUN 94,462-647-73-17-B
W3GNG 92,856-636-73-16-B
WA3VUQ 91,200-608-75-20-B
W3MR 90,520-607-73-19-B
W3TK 81,030-555-73-19-B
W3UO 75,774-519-73-17-B
W3BAVN 74,296-502-74-11-B
N3RL 73,008-507-72-17-B
W3TQ 72,720-507-72-17-B
WA3ZJT 71,710-505-71-24-B
W3JU 62,860-449-70-24-B
W3AZ 62,050-425-73-24-B
K2SCL/3 59,220-470-63-22-A
W3IDT 48,340-346-70-15-A
K3KA 46,374-374-66-21-A
W3B3F 46,374-374-66-21-A
W3B3F 44,672-349-64-8-B
W3IKA 41,344-304-68-17-A
W3SCG1 40,670-282-69-21-A
W3WHV 40,066-299-67-10-B
WA3UPH 33,966-333-51-12-A
K3TW 32,120-292-55-18-B
W3YCW 26,040-210-62-12-A
W3BGMW 23,814-243-49-12-A
K3CKT 22,852-197-58-6-B
K3Z 22,660-206-65-21-A
W3JPT 22,458-197-57-7-B
WA3T1A 21,042-167-63-5-B
W3D7Q 14,410-131-55-9-A
W3TK 12,032-11-1-1-B
DK5AD/W3 4,144-74-28-8-B
W3BAHN 3,990-57-35-3-A
W3ZSR 3,984-83-24-1-B
WA3Y4 3,584-85-23-3-A
W3PYZ 1,584-36-22-2-A
WA3ROX 868-31-14-3-B
W3PWO 510-17-15-2-B
W3IIL 2-1-1-1-B
K3RS(K3TA,N3TR,oprs) 145,336-982-74-24-B
N3GB(+WA3RT) 138,380-935-74-23-B
WA3EKL(+WA3BDF,KCY) 138,150-921-75-24-B

Western Pennsylvania

K3UA 214,800-1432-75-24-B
WA3TBW 146,438-1003-73-24-A
K3LWM 143,560-970-74-24-B
W3GNR 66,172-466-71-19-A
W3EM 61,916-282-69-21-A
K3VCH 17,710-161-55-9-A
W3SMX 17,640-140-63-10-A
K3IC 13,312-128-52-5-B
W3ET 12,408-102-34-3-A
K3HWL 6,732-102-33-2-A
W3B3ND 2,646-49-27-6-A
N3ER(WA3AS,K3OT,WB3JXH,
VE3BV) 175,500-1170-75-22-A
K3CR(WA3NQ,WA3JFW,oprs)
141,450-943-75-24-B
WA3WIK(+K3s) 145,956-833-75-24-B
W3Y1(WA3s GSB TBL TQ T.J
VJL ZDD,WB3FW,oprs) 174,712-22-B
W3KWH(K3s RYA TP,WA3s TSI
V3Q,WB3s EQH FKC,oprs) 34,188-259-66-12-B

Alabama

KAZGB 77,760-540-72-19-A
K4EEK 73,292-502-73-17-B
N4KK 41,100-274-79-5-B
W4KEX 6,800-85-40-5-A
KAQSK 2,900-50-29-9-A
WB4JZO(+WB9NZF,WB4TCH,
WD4KWM) 163,597-1043-75-24-B

Georgia

K4JPD(WA4OZT,oprs) 229,200-1528-75-24-B
N4EUD(WA4UJ,oprs) 130,216-892-74-24-B
K4BA1 93,312-648-72-12-B
K4UEE 89,568-622-72-14-B
K4HAV 75,900-506-75-15-A
A4ARF 69,496-476-73-18-B
KA4KJ 58,272-427-68-12-B
A4A4 47,390-338-70-22-A
WB4PRM 30,956-218-71-20-A
K4BAM 65,036-238-61-11-A
W4JM 24,570-189-65-6-B
W4KJ 19,760-152-65-16-B
WB4YBE 18,528-193-48-15-B
K2JEK 7,056-98-36-10-B
W4RQL(N4HR,W4RMR,
WA3WAD,WA4QVY,WD4EON,
oprs) 166,350-1109-75-24-B
WB4OC(N4EW,W4s MRJ,NJ,
WA4s AZL HPI,FD
WD4s PSU VSP,WD4s CPV DCP
LBA,oprs) 38,556-306-63-B

Kentucky

WB4OSS 111,296-752-74-16-B
K4F 99,450-663-75-14-B
WB4PRU 43,920-305-72-20-A

WAPAK 42,478-317-67-11-B
WD4AJE 24,120-180-67-14-A
W4AEB 10,250-55-37-8-A
WA4OEB 4810-65-37-8-A
WA4UNJ 108-9-6-1-A
WB4NT(WA4s PSO UNJ,WB4OEM
oprs) 47,360-370-64-24-A
WA4QV(+WA4QM) 97,056-674-72-24-B
WD4HVV(+WD4HCS) 47,528-66-25-8-A
WB4WBO(+WA4PFA) 22,184-188-59-17-B

North Carolina

N4AA 179,968-1216-74-20-B
WA4FFW 88,948-601-74-15-B
AA4NC 77,848-526-74-11-A
K4MOB 72,660-519-70-20-B
WD4JRS 34,848-264-66-23-B
WB4VHE 28,386-249-57-7-B
WB4SQA 14,328-199-36-11-B
N4RE 14,250-125-57-8-A
WB4TTJ 9,056-106-38-9-A
K4GF 3,300-50-33-8-B
WA4HY(WB2BLK,AA4s BB ZZ,
WA4UOP,WD4KWU,oprs) 50,646-367-69-17-A
K4EG(K4DWX,W4s GZY HKT,oprs)
WB4BHQ WD4s 26,950-245-55-19-B

Northern Florida

N4SA 187,050-1247-75-22-B
N4UF 186,750-1245-75-24-B
W4WQ 75,776-519-73-13-B
W3TQO/4 55,580-397-70-18-A
WA4JDI 43,692-331-66-15-A
N4J 41,124-298-69-5-B
W4IZ 20,832-186-56-20-A
WA4HOH 17,584-170-56-11-B
WA4GXC 14,740-147-10-8-B
W4SCT 13,072-152-43-3-B
WA4MUB 9,272-122-38-10-B
WA4MOJ 4,484-59-38-6-A
W4SHTK 1,081-56-12-8-B
N4MS 756-27-14-2-A
W4IZ(WA4PVT,WB4VEY,oprs) 20,832-186-56-20-A

South Carolina

WA4ALC 144,448-976-74-24-B
WA4C 144,304-971-21-24-B
WD4CS 5214-79-33-4-A

Southern Florida

N4BP 68,444-482-71-8-B
W4OST 50,050-385-65-21-B
W4PDS 47,840-346-72-20-B
W4LEP 10,752-111-48-9-B
N4BK 1,980-45-22-2-B
N4UD(+WA4KM) 20,888-828-73-23-B
WB4QNX(WA4FA,K4s CEY IJ,
WA4GK,WB4s NTH OEJ OR,
oprs) 52,260-402-65-22-B

Tennessee

N4ZZ 226,800-1512-75-24-B
K4XU 139,350-929-75-24-A
N4UW 76,260-544-70-17-A
WA4CYR 64,450-446-72-20-B
K4PJ 47,450-325-73-19-B
WA4WXT 37,110-286-65-17-A
WB4EXO 34,060-262-65-19-A
K4W 28,094-207-65-19-A
K8VOA/4 9,680-121-40-4-B
W4QGG/4 6,438-87-37-6-A
WA4BTG 4,968-69-36-5-B
W4WTK 4,440-61-21-8-B
K4XO 3,200-40-40-2-A
WA4GZT 2,240-40-48-4-A
AA4AA,K4s LN LSP,N4R OI
TI,W4J,W4J,H4J,W4J,
JTI LOE QMC RRJ YHA ZAI,
WD4LTH) 153,328-1036-74-23-B

Virginia

K4VX(W3ZZ,oprs) 222,300-1482-75-24-B
K4YF(WA3AMH,oprs) 202,950-1353-75-24-B
N4RV 202,950-1353-75-24-B
N4MM 175,500-1170-75-22-A
W4MYA 149,100-994-75-22-B
W4DM 135,300-915-75-20-B
K4ZZ/4 117,238-803-73-20-B
K4AF(WB3DNL,oprs) 102,950-725-71-24-B
AA4F 81,750-540-75-18-B
K9CMF/4 81,000-540-75-18-B
K4PL 79,100-565-70-15-B
WA4JY 76,176-529-72-20-B
K4M 75,450-519-19-A
WB4DB 69,290-533-65-18-A
WB4FBK 67,450-475-71-18-B
W4YE 54,806-409-67-8-B
K4MT 34,100-270-19-A
WA4WYN 49,494-339-73-16-A
W4JAT 48,990-345-71-15-B
W4JK 48,776-364-67-24-B
W4JVN 45,920-328-70-13-B
W4EZ 45,184-353-64-9-B
N4ZR 43,648-341-64-11-B
K4OD 42,700-305-70-11-B
WB4ETD 40,400-308-65-20-B
N4IY 39,798-297-67-11-A
W4NND 38,144-298-64-15-B
WB4NTP 33,480-270-62-19-A
W4NT 32,004-254-63-8-B
N4RA 29,618-251-59-6-B
WB4IWR 29,388-237-62-23-A
W4EVH 27,430-211-65-20-A
W4BE 26,220-205-62-9-B
WA4FK 25,420-205-62-9-B
W3YV/4 24,452-303-42-5-B
W4K 23,190-190-61-8-B
WD4CDY 21,998-198-61-18-B
N4RBF 19,398-183-53-11-A
W4EI 18,768-184-51-7-B
K5KT/4 15,504-152-51-2-B
K4M2 14,916-132-51-2-B
W4BVV 13,200-150-44-3-B
K4KA 11,660-110-53-5-A
WB4DM 10,856-118-46-12-B
W4XD 7,040-49-33-8-B
W4K 6,460-95-34-5-B
WB4KIT 5,576-68-41-7-B
WB4DM 5,550-68-41-7-B
WB4YPT 2,900-100-29-3-B
AA4TC 884-34-13-1-A
W9DAD/4 352-16-11-2-A
N4DW(+WB4PAT,W4s PM SC,
oprs) 127,350-849-75-24-B
W4RKC(N4FM,WB4s CTN,FWW,
MFV,NER,WD4s CDT,IHW,IHY,
oprs) 44,000-400-95-17-B
WA9DJ/J(+WD4ECK) 43,904-343-64-17-B

N4XG(+WA4OHX,oprs) 30,160-232-65-16-A
WD4CYA(+WD4C) 27,260-235-58-13-A

West Indies

KP4RF(N6CJ,oprs) 318,450-2123-75-24-B
K4QOO 78,691-539-73-21-A
WA3FET/KP4(+WA3PTU) 196,692-1329-74-21-A

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Arkansas

WB5NBC 165,000-1100-75-24-A
N5XR(K8CC,oprs) 255,104-1048-74-16-B
W5JW 152,878-1043-73-19-B
WB55TD 93,532-698-67-23-A
K5JH 4,900-70-35-9-A
W5EIJ 600-30-10-2-B

Louisiana

K5LL 89,936-616-73-22-B
W5WG 51,552-358-72-22-A
WD5GCD 5,472-76-36-4-A

Mississippi

W5VSZ 228,450-1523-75-24-B
W5M5/H 62,064-431-72-24-A
K5UKH 52,668-399-66-17-A
W5UCY 13,786-113-61-13-B

New Mexico

W5Y2 106,050-707-75-22-A
W5DEVK 58,800-420-70-21-A
WB5TXJ 27,406-193-71-20-A
W5SCAG 19,072-149-64-16-A
W5BAXC(WA5s UAL WHN,WB5s
AQD LJV OAU,WB9MH,KL7HMT
oprs) 85,836-622-69-24-B

Northern Texas

K5JA 244,050-1628-75-24-B
W5MYA(K5TM,oprs) 218,250-1455-75-24-B
K5RHZ 187,564-1268-74-23-B
WB5AHX 98,386-578-73-22-B
WB5TDO 67,340-481-70-19-A
W5S2NG 58,032-403-72-22-A
K5ERJ 43,904-343-64-14-A
K8WJ 13,820-133-52-8-A
WA5UBK 41,210-317-65-18-B
W5GN 27,494-233-59-8-A
W5SD 25,636-221-58-14-B
K5WJ 12,920-133-52-8-A
K5ZAJ 13,770-135-51-8-A
WA6ROC/5 12,848-146-44-4-B
W5DCSV 12,000-120-50-20-A
W5LA 41,440-486-65-11-B
K5MR 8514-99-43-3-A
W5BMRB 816-24-17-2-A
K5RX(+K5XR) 192,750-1285-75-23-B

Oklahoma

W5SUK(+WB5s JBP,LWB,WYB,
W5EWP) 151,230-1065-71-20-B
K5SR(+K5FN,W5YR,WB5s OON,
PI) 149,904-1041-72-24-B
W5B5RP(+K5SOR,WD5AAT) 69,840-485-72-24-A
W5ONL(Multiop) 39,520-304-65-14-A

Southern Texas

K5TM(K5ZD,oprs) 231,300-1542-75-24-B
K5GA 208,950-1392-75-24-B
K5WA 193,610-1291-75-21-B
K5NA(WB5QWX,oprs) 186,624-1296-72-24-B
N5WV 178,932-1209-74-23-B
K5LOB/5 149,904-1041-72-24-B
K5ZD(WB5NH,oprs) 115,776-804-72-21-B
N5DU 111,398-763-73-16-B
W5VPV 72,816-492-74-13-A
K5BZU 71,142-501-71-16-B
W5D5CK 68,444-482-71-21-B
WA5IYX 55,752-404-69-22-B
K5KJ 54,800-448-69-23-B
W5KNZ 43,722-347-63-9-A
K5GNB 41,400-345-60-10-A
WA5SKL 25,930-205-63-11-B
K5M 23,000-500-73-20-B
WA5ABR 3016-58-26-5-A
K5LZO(+WB5RS,WD5CZF) 161,912-100-74-24-A

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East Bay

N6IG 201,900-1346-75-24-B
WB6H(WA6VEF,oprs) 198,764-1343-74-24-B
K6RV(N6OP,oprs) 150,050-1267-75-24-B
WA6JD 190,032-1284-74-21-B
WA6JUL 183,600-1224-75-24-B
N6KB 156,450-1043-75-22-B
N6V 73,000-500-73-20-B
K6RM 58,520-418-70-18-B
K6PJY 53,406-387-69-19-B
K6ATV 39,440-290-68-13-A
W6LD 34,060-262-65-11-B
W6GKE 31,548-239-66-13-A
W6OT(K6CSL,oprs) 24,708-213-58-24-B
WA6QCZ 15,912-156-51-9-A
W6RGZ 5160-60-43-7-B
K5GQE 3828-58-33-6-A
K6HII(+K6AHC) 39,500-1045-75-24-B
W6BB(N6s KL,TV,oprs) 18,616-179-52-7-B

Los Angeles

AA6AA 174,616-1196-73-24-B
W6RW(K1RX,oprs) 157,500-1050-75-20-B
N6HE 143,116-967-74-23-B
K6SE 129,000-850-75-13-B
WB6JE 66,882-602-73-20-B
W6CN 53,200-380-70-20-A

K6MP 49,010-377-65-9-B
W6EO 44,066-329-67-17-B
WB6RW 30,506-246-62-21-A
WB6NFO 16,356-141-58-20-B
WA6PKY 15,552-144-54-5-B
N6G 10,800-90-60-10-A
W6BJJ 10,378-111-49-14-A
N6IC 10,800-90-60-10-A
W6AVVR 10,272-107-48-7-B
WB6ZWP 8,240-170-60-12-A
W6QNT/6 6,232-75-4-1-A
WB6GCV 144-12-6-1-A
AA6RX(+WA6OTTU) 165K-106-1154-72-24-B
WB6VVS(+K6VYM) 63,474-447-71-20-B
W6YRA(WA6TKO,WA2AZO,
WB6s NFA,WKY,W66BAY,oprs) 27,552-246-56-12-A

Orange

K6LL 143,568-997-72-16-B
K6XK 78,048-542-72-20-A
WA6JAH 29,640-247-60-8-B
WB6KR1 28,266-226-63-11-A
N6K 20,006-22-63-13-B
WB6BNG 6162-79-39-12-B
K6IM 1968-41-24-2-B
WB6AJV 600-20-15-2-A

Santa Barbara

N6MB 112,628-761-74-8-B
W7CB/6 111,252-762-73-16-B
N6TA 62,424-459-68-13-A
K6WJ 60,720-460-64-19-A
W6KJP 22,154-205-53-8-A
N6MW 13,132-134-49-2-B
WB6IDK 10,680-86-43-14-B
N6B/6(+N6s MA,VN,WA6s DJS,
IJZ) 188,352-1308-72-24-B

Santa Clara Valley

W6XR 249,300-1662-75-24-B
N6TU 206,850-1379-75-24-B
K6N 185,250-135-75-24-B
N7MH/6 184,050-1227-75-24-B
N6MG(WA6GPB,oprs) 181,500-1210-75-24-B
N6BT 181,200-1208-75-21-B
W6MUR(WA6DGV,oprs) 172,350-1149-75-24-B
W6GUOC 157,500-1050-75-22-B
K6BR 129,648-876-74-22-B
W6AGFY(WB6XW,oprs) 123,580-835-74-22-B
K6SS(N6HT,oprs) 120,960-840-72-21-A
W6OAT 112,464-781-72-16-B
N6LC 111,000-750-74-8-B
K6KLY 110,668-758-73-22-B
K6HZN 96,348-651-74-22-B
W6FG 81,612-617-21-8-B
WB6HWG 68,182-467-73-21-A
K6ITL 59,052-399-74-15-A
K6COW 59,568-408-73-15-A
N6CN 36,096-282-64-6-B
N6IK 30,550-235-65-12-B
WB6MDF 28,680-239-60-11-B
W6L 22,116-196-59-17-B
W6LH 21,616-193-56-7-A
WA6ITV 18,480-168-55-7-B
W6LJL 14,430-170-45-17-A
WA6BZT 10,152-103-33-6-A
WB6SWH 6,798-103-33-6-A
WB6BYU 5,644-83-34-7-A
WB6WZF 532-76-35-8-A
W6LFB 480-60-10-2-A
W6PLT 4032-63-32-3-A
W6ODM 2856-51-28-4-B
N6NT 1014-27-24-3-A
W6PS 300-15-10-2-A
K6RU(+N6RO) 168,720-1140-74-24-B
K6FB(WB6s JGR,oprs) 64,250-1095-75-24-B
N6RZ(+W6OKK,WA6OC,
WB6CJE) 158,400-1056-75-24-B
K6ZM(+WJA) 134,400-896-75-24-B
W6Y(W2JU,WA6ITV,oprs) 147,400-775-74-23-B
WB6VSL(K6GDW,W6QU,WA6s
LBY,KVT,VCN,VAQ,VAS,WB6s
AAJ,GSZ,POT,JJX,POR,GSW,RRU,
PZT,WD6s CTR,CIG,AGL,oprs) 38,400-300-64-21-B
K6DC(+WA6DGX) 38,400-300-64-21-B

San Diego

K6NA(WA6ELX,oprs) 242,400-1616-75-24-B
W6RDF 193,680-1345-72-24-B
W6UQF 36,314-271-67-14-A
WA6NEL 16,208-196-59-17-B
WA6UFY 22,388-193-58-13-B
K6GC 14,740-134-55-10-A
W6KBD 198-11-9-9-A

San Francisco

N6BV 210,450-1403-75-24-B
N6CT 186,000-1240-75-24-B
AA6DX 157,916-1067-74-24-B
WB6FCR 76,650-525-73-22-B
N6PR 60,552-287-16-B
K6XZ 11,616-121-48-13-B
WA6DNM 9696-101-48-3-A
WB6IP(+K6SMH,WA6DJ,PNY) 126,688-856-74-20-B
K6LRN(+WB6TD) 1344-32-21-3-A



Ray, K9RS, scoffs at the old wife's tale that you can't work 'em if you live in an apartment. Ray had 65k on phone and 82k points on cw from Illinois, using a 120-foot wire strung out of his apartment to back up his words.



Jeff, W7ID, made a lot of SS participants happy by supplying the Idaho multiplier. Jeff's combined cw and phone scores topped 358k points.



W5YTX finished number one on cw in New Mexico. Fred says that the A-1 beer (upper right of picture) is the "cw man's brew."

K8MJZ	129,900	866-75-22-B
W8WD	114,768	797-72-22-B
K8DO	113,296	776-73-24-B
W8QEF	110,522	757-73-24-B
K8DD	99,530	657-75-24-B
W8LIFQ	85,994	580-73-19-B
K8PAO	83,352	604-69-18-B
W8BBGY	80,850	539-75-24-B
W8MNL	75,600	504-75-17-B
K8SAL	72,444	451-72-20-B
W8RRR	63,948	438-73-15-A
W8MEC	59,714	409-73-20-B
W8HW	53,920	380-70-22-A
N8BM	49,764	377-66-8-B
K8LF	47,082	399-59-11-B
N8WA	45,962	343-67-21-A
K8OT	44,998	326-69-10-A
W8ZDT	44,958	381-58-6-B
W8GAO	43,296	328-66-18-B
W8VPC	40,832	319-64-16-A
W8PKU	40,430	311-65-21-A
W8MJY	39,128	292-67-19-A
K8TE	38,192	308-62-6-B
W8CZM	36,994	268-69-10-A
W8ZME	35,360	260-68-20-B
W8AAAX	34,136	251-68-17-B
W8QGP	33,720	249-65-17-A
W8MJC	31,110	245-65-17-A
K8ER	30,312	232-67-19-A
W8DIB	28,672	256-56-18-A
W8LWS	28,288	221-64-15-A
W8DNT	25,480	245-68-18-A
W8YSC	24,600	205-60-15-A
W8NSF	23,424	192-61-21-A
W8JMP	22,932	182-63-18-A
W8QDP	21,838	175-61-13-A
W8BDF	21,838	179-61-13-A
W8IPT/8	21,122	179-59-15-B
K8CJF	21,008	202-52-16-A
W8YSC	20,600	185-65-14-A
W8PBO	20,882	197-53-9-B
W8JNP	17,172	159-54-14-A
W8FSZ	17,136	153-56-7-B
W8GDO	17,110	145-59-7-A
W8WBW	17,110	145-59-7-A
W8FH	15,840	132-60-14-A
W8BXS	15,370	145-53-12-B
W8BQD	14,100	141-50-6-B
W8ARA	14,070	145-44-7-B
W8BLS	12,420	138-45-8-A
W8VYV	12,330	137-45-12-A
K8CQF	11,408	124-46-18-A
W8DIX	10,800	115-64-12-A
K8VA	9,372	142-33-5-B
W8VBC	8,514	99-43-6-A
N8NA	8,400	100-42-8-A
W8BBO	8,200	100-41-8-A
K8TK	8,200	100-41-8-A
K8WNS	8,192	64-64-7-B
W8NDP	7,680	96-66-12-A
W8DSV	7,600	100-38-7-A
N8AR	7,422	87-43-5-A
W8BILV	7,422	79-47-7-A
W8BCOR	7,422	102-12-8-A
W8BSHL	6,528	92-34-8-B
W8BWA	5,688	79-36-7-A
W8UCG	4,620	100-33-3-A
W8BTNE	3,780	57-39-7-B
W8MCF	3,876	57-34-5-B
W8TDF	3,844	62-31-3-A
W8BVO	3,656	65-66-10-A
W8TCY	3,068	99-26-10-A
K8ZKM	2,842	49-29-4-A
W8BZKA	2,600	52-25-2-A
K8QLM	2,500	50-25-7-A
W8LQJ	2,448	99-26-3-A
W8TIC	2,200	50-22-5-A
W8BCJG	2,160	45-24-4-B
W8BWN	1,802	53-17-10-A
W8AAH	1,134	27-21-3-B
W8BAV	1,120	40-14-1-A
W8FEZ	930	31-15-3-A
W8LQJ	910	37-58-8-B
K8HJJ	756	27-14-3-A
K8JL	468	18-13-1-A
W8BJX	460	23-10-1-B
W8JUP	300	15-30-1-B
W8BPH	216	12-9-1-A
W8BUVQ	12	3-2-1-B
K8PBQ(K8AKB, W8VA1, W8BS, QWY, SBI, VAI, VJE, ZHC, W8JXK, oprs)	101,232	703-72-24-B
N8HT(+W80GM, W8BS, CGN, LR)	97,588	787-82-24-B
W8BJDA(+W8TJG)	76,516	517-74-19-B
W8JYX(+W8BMDG)	72,432	503-72-21-B
W8LDB(+K8AYZ, W8DK1Z)	66,240	460-72-21-B
W8DTS(+W88AR)	54,740	391-70-24-B
W8MRM(+W8MPD, W8BCSA, oprs)	43,884	318-69-23-A
W8LSS(+W8DLCU)	43,152	348-62-18-B
W8QN(+W8BAS, W8DKOR)	41,080	316-65-13-B
W8SH(W81S, CIA, FOF, W8ABD)	40,704	318-64-24-A
N8JM, W8BS, TCC, YGG, W8BS, BCS, JKP, WND, oprs)	32,400	270-60-19-A
W8JEJ(+W8AUDW)	32,400	270-60-19-A

W8EDJ(+W8BAEL)	26,500	204-65-24-A
W8XU(W8AUPU, W8BS, SVI, ZPN, W88AYU, oprs)	25,920	216-60-12-A
W8VWY(+K8ZJU)	25,228	238-53-10-B
K8DAC(W8CT, Y, W8BS, JEP, JNG, oprs)	18,900	189-50-23-A
K8GB(+2 mtr net)	17,068	
W8DQR(+W8B1JX)	18,144	126-72-18-B
W8DQD	16,532	161-53-8-A
K8BWC(+W8B1NR)	15,370	145-53-20-A
W8BNXG(+W8DJZJ)	11,520	120-48-7-A
Ohio		
W8KIC	208,800	1392-75-23-B
W8YWX	182,336	1232-74-24-B
K8MR	174,788	1181-74-22-B
N8ET	173,700	1158-75-23-B
K8NZ	127,166	871-73-16-B
W8AUQH	124,950	833-75-22-B
N8LL	120,450	803-75-24-B
K8MN	119,958	769-75-22-B
W8SWS	110,550	737-75-21-B
W8GS	104,550	697-75-12-B
W8BZK	104,040	703-74-22-B
W8AFDO	94,032	656-73-24-B
N8RA	90,312	636-71-21-A
W8TD	91,020	615-74-22-B
K8BL	70,148	494-71-19-A
K8RE	66,996	452-74-18-B
W8BURG	63,802	440-73-22-A
W8EDU	60,884	491-62-12-A
N8LM	57,680	412-70-18-B
W84R1U/8	45,288	333-68-11-A
W8FU	41,730	321-65-18-A
W8LHV	40,588	278-73-14-B
W8VCI	39,640	276-63-9-A
W8HGN	34,790	245-71-23-A
W8BVP	29,964	227-66-17-B
W8BNBY	27,572	226-61-16-B
W8BNN	25,116	166-83-11-A
W8UHP	24,816	264-47-13-B
W8B7J5	24,708	213-58-7-A
W8LO1F/8	21,262	156-63-9-A
W8EQQ	20,832	186-56-15-A
K8NU	20,650	175-59-4-B
W8BNBA	20,176	194-52-17-A
W8XU	19,928	138-49-4-B
W8IDM	18,216	138-66-8-B
W8BWKP	16,648	283-59-17-B
W8CJW	17,600	166-55-13-A
W8BAFB	16,356	156-63-9-A
W8DXT	16,000	160-50-20-A
K8EF	15,792	141-56-5-A
W8IMF	14,144	136-52-12-B
K8FO	13,524	138-49-4-B
W8DACM	10,296	117-44-4-A
K8BA	10,098	109-46-10-A
W8DCZH	7,854	119-33-5-A
W8WBF	7,706	84-07-2-A
W8PCS	6,720	80-42-6-A
W8BBDZ	6,408	89-36-9-A
W8BBSQ	6,240	80-39-8-B
N8TD	6,120	60-22-2-A
K3L/R/8	2,640	60-22-2-A
N8XX/R	2,500	50-25-3-A
W8WPC(+K8BXP, oprs)	192,992	1306-74-24-B
W8B1BM(W8BDDQP, W8BS, LEN, LR, oprs)	168,128	1136-74-24-B
W8B0FR(+W8BXT, W8BS, ILW, MRJ, SVN, VLU)	167,754	1149-73-24-B
W8LTK(K1LT, K8LT, W8BS, INV, LZR, NXC, TXE)	165,900	1106-75-24-B
K8ND(+K8NU, W8U, W8BHW, oprs)	159,140	1090-73-24-B
W8BA(+K8S, KX, SUB, W8BS, GZL, JOJ, W8BGF)	54,944	404-68-24-B
W8BDQX(+W8DLZG)	36,540	261-70-16-B
W8AL(W8ABD, W8BS, LCF, V1K, W8BS, AYE, DIT, MBK, oprs)	35,640	270-66-22-A
N8RB(+W8BS, YV1, YXU)	22,660	206-55-8-A

West Virginia		
N811	182,400	1216-75-24-B
K8LZ	85,050	567-75-18-A
K8BS	44,238	303-73-18-A
W8BEGW	41,580	378-55-17-A
W8XU	35,466	257-69-12-B
K8KT/8	16,422	161-51-12-A
Illinois		
K9CT	187,500	1250-75-24-B
W8LQJ	177,000	1181-75-24-B
K9RF(K9RK, opr)	169,164	1143-74-24-B
W9XR(WA9PBK, opr)	131,518	886-74-22-B
W8SSDE	129,312	898-72-19-B
K8NR	119,850	800-75-20-B
W8IXF	111,450	743-75-18-B
W8HDC	111,300	742-75-18-B
W89XC	97,776	675-72-19-B

K9CC	96,600	644-75-19-B
W89CGL	96,600	644-75-24-A
K9RMA	93,010	655-71-23-A
W89TY	80,100	534-75-20-A
K9KD	78,724	573-72-24-A
K9BG	75,828	534-71-18-B
W9JVM	71,540	511-70-24-B
K9UI	70,574	497-71-19-A
W89YEB	66,200	473-70-23-A
K9C	64,676	437-74-23-A
W89NE	60,208	424-71-19-B
W89DDW	58,960	440-67-19-A
K9BQL	55,440	385-72-17-A
W89PUL	53,728	368-73-15-B
W89RW	47,616	372-64-9-B
W89VW	46,200	320-45-10-B
K9PIG	35,840	280-64-18-B
K9AR	34,800	300-58-8-B
W89AKN	34,398	273-63-17-B
W89RG	32,364	279-58-9-A
W89JLU	32,004	254-63-17-B
W89PVP	29,358	233-63-17-A
W89VW	27,956	241-58-23-A
W89SVC	24,120	180-67-10-A
W89IOG	16,874	143-59-13-A
W9CQD	15,158	142-53-12-B
W89WQM	13,950	155-45-10-A
W89LEY	12,936	147-44-6-B
W89OTE	11,800	118-50-16-B
W89UKK	10,774	103-52-8-B
W89VW	10,080	
W89REC	9,118	97-47-16-B
W89PEA	8,800	100-44-5-A
W89HG	7,680	96-40-8-A
W89VW	7,680	96-40-8-A
N9NA	6,724	82-41-3-A
K9CW	6,048	56-54-4-A
W89VW	5,688	79-36-7-A
W89FBC	5,120	82-41-3-A
W89POX	4,340	62-35-9-A
W89OFM	4,080	60-34-2-B
W89GKX	3,840	84-47-12-A
W89YH(K9S, GL, VV, W89S, MEK, OEP, VEJ, W9DNDK, oprs)	178,650	1191-75-24-B
W9VL(+N4F)	175,050	1167-75-24-B
N9NR(+W89ZKK)	24,200	828-75-23-B
K89D(+W89B1)	62,906	443-71-23-B
W9ZCL(+N9YL, W89ZPL, W89S, OKL, TTE, WV, V)	52,096	407-64-20-B
W89NMM(+W89SFT)	23,200	200-58-18-A

Indiana		
W9RE	225,450	1503-75-24-B
W89VW	159,578	1093-73-24-B
K9JUA	142,378	949-73-16-B
W89CEP	137,808	967-72-30-B
K9K/M/9	133,695	167-41-2-B
W89VW	134,612	923-73-24-A
N9QX	95,840	67-41-2-B
N9JG	76,650	625-73-21-R
N9RC	75,180	537-70-19-B
N8DB	68,010	192-59-12-B
W89VIO	51,972	366-71-17-B
W9TG	50,944	398-64-9-B
N9NC	49,580	360-67-11-A
W89UC	48,176	366-64-13-A
W89SKA	46,368	339-69-14-A
K9K	45,900	306-75-18-B
W89GUY	44,748	339-66-20-A
W89VW	42,440	340-66-12-A
W89GCH	39,552	309-64-16-B
W89JXP	38,908	274-71-9-A
W89DAS	36,018	261-69-9-B
W89AHO	35,774	286-66-12-B
K9TUS	31,842	261-61-8-B
W89FAP	30,492	242-64-18-B
W9CQJ	29,520	206-71-12-A
W89OCD	26,640	222-60-19-A
W89AHS	21,692	187-58-10-A
K9DMH	19,936	178-56-19-B
W89PKL	17,776	286-66-12-B
W89JLV	16,440	137-60-11-B
W89JH	16,422	161-51-15-A
W89HIO	13,804	119-58-12-A
K9K/M/9	13,695	167-41-2-B
W9QBL	11,200	140-0-6-A
W9QLW	11,040	120-46-11-B
K9EAF	10,664	124-43-10-A
W89JWL	9,900	110-45-20-A
W89DJP	9,900	110-45-20-A
W89WHT	9,682	103-47-14-A
W89GHR	9,100	90-33-4-A
W89UFO	4,104	50-25-2-A
W89LNC	2,500	50-25-2-A
W89TYL	4,480	37-20-3-B
W89VW(+W89SUT)	133,348	901-74-24-B
W89VW(+W89AZL, W89ZPL, W89S, OKL, TTE, WV, V)	103,650	691-75-24-B
N9CC(+W89S, RUS, SSE)	37,324	301-62-15-B
W89LFE(+W89S, TOK)	35,164	299-59-24-A

Wisconsin		
W9YTT(K9TR, opr)	163,540	1105-74-24-B
W9NA	126,836	