

# 22nd ARRL Sweepstakes Results

Part I — C.W.

BY PHIL SIMMONS, W1ZDP

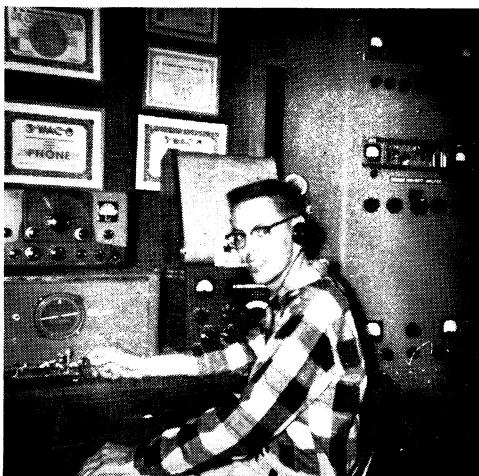
EARLY NOVEMBER, 1955, was like any other early November. There was a nip in the air around the nation and the talk was of elections and turkey dinners. The banter took a different form, though, in ham circles. Here the topic was the pending 22nd ARRL Sweepstakes. Clubs hashed over plans for guaranteeing 100-per-cent representation in the heated race for the gavel and club certificates. Happily fingering previously-won awards, Old Proscraftily plotted angles for clobbering the local competition again. What to do this year? Try a CQ-SS wheel maybe? Better logging methods to minimize pesky duplications? Receiver muting? Break-in keying? Faster band-change? The debates concerning horizontals *vs.* verticals, super *vs.* not-so-much selectivity, high *vs.* low power, QSO quantity *vs.* section-hunting, raged anew. Bewildered by the yakking, uncomprehending newcomers shrugged and girded for a first fling.

Zero hour arrived and things were as confused as a Chinese fire drill. Even veterans of many campaigns sent preamble parts out of order here and there. Then the crowd warmed. Past lessons were recalled, new ones learned. Soon the spectrum became radioactive with smoothly-executed exchanges. You could almost *hear* the Novice metamorphose from uncertain beginner to savvy-fisted expert. WAS vistas unfolded. Thousands of man-hours were expended as the test of equipment, skill and stamina rumbled onward. An auroral disturbance November 20th scotched last-minute bids to scout sections and tumbled contact averages, but left the omnipresent enthusiasm undimmed.

Miscellaneous scuttlebutt: (1) W1 — tore his *Call Book* to shreds looking up 874 W7s and still no Idaho; (2) Gaily skipping 100 numbers every few hours, WØ — so disheartened the locals that they quit cold, allowing him to coast to easy victory; (3) W9 —, miffed by charges of power-multiplier finagling ("You're *awfully* loud for 100 watts"), placed his kw. final under lock and key with a neighbor and has an affidavit to prove it. And so it went.

As the clock ticked inexorably toward the closing minutes, the seething bands slowly reverted to normalcy. The XYL and little harmonics, who had been breaking bread OM-less for quite a spell, welcomed disheveled Dad back to the fold. Logs having been toted to the Post Office, DXers returned to chasing prefixes, traffickers to the nets, v.h.f. men to the World Above. Calm reigned.

Except at ARRL, that is, where the postcontest bombardment of the mailroom swelled to new heights. The heights: 1880 valid entries (1455

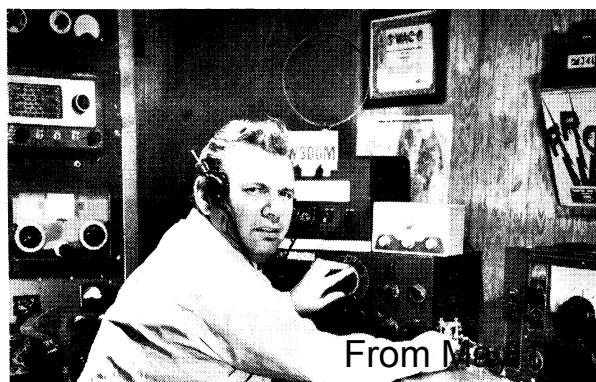


The Fenwick brothers, W7VMs O, P and Q, have made a resounding splash on the operating front recently. Above we have W7VMO, who skipped W7VMP to 141,036 points and Arizona plaudits. In addition to two 4-125As at one kw., the rack houses 6- and 2-meter amplifiers nearing completion.

c.w.) for a gain of 4.6 per cent over 1954. Thus the latest version — an SS *king-sized* — huskily upended all previous participation records.

Certificates are currently en route to brass-pounders in 73 sections and to 15 successful Novices. These surely rate special applause for their work in this biggest and most competitive Sweepstakes ever held!

By popular demand, we again offer the winners' equipment tabulation, wherein changing trends in rigs and inhalers immediately catch the eye. Most popular band was 40 meters, attacked by a



Eastern Pennsylvania awardee W3DGM, one of Frankford Radio Club's big guns, was fourth in line among the 1455 key-diddlers with a score just shy of 200,000. Club gave Mel trophy (right under clock) for establishing FRC record of 1091 rapid-fire SS QSOs.

QST for

QST © ARRL

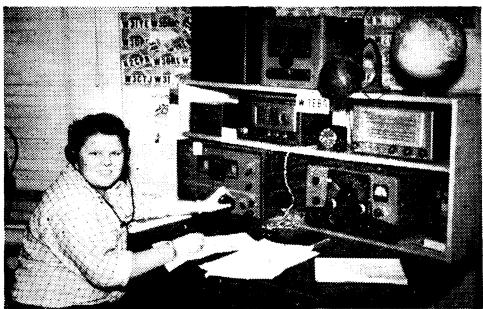
thumping 97 per cent of the victors. Usage of 21 Mc. jumped to an impressive 42 per cent; fifteen looms a "must" for snagging DX sections, may eventually dislodge 20 in this respect. Only WØTDR and KZ5BC could cop kudos with

single-band work as the 80-40-20 trio continued widely favored. Average score climbed to 103,213 points, hitting six digits for the first time.

An unprecedented 100 entrants tallied over 100,000, three over 200,000. W7KVU's slick

### C. W. WINNERS, 22ND A.R.R.L. SWEEPSTAKES

Section	Call	Score	Transmitting Equipment	Receiving Equipment	Bands Used
E. Penna.	W3DGM	198,743	HT18 VFO-Viking I.....	NC101X, Q multiplier	80, 40, 20
Md.-Del.-D. C.	W3EIS	173,621	Command Sets-813.....	BC342, BC453 Q5er	80, 40, 20
S. N. J.	K2CPR	100,333	6SJ7 VFO-6146.....	HQ140X	80, 40
W. N. Y.	W2SSC	139,680	Ranger.....	75A3	80, 40, 20, 15
W. Penna.	W3PWN	99,533	6AK5-12AT7-6U8-6AG7-6N7-829B..	HQ129X, NC183	80, 40, 20
Illinois	W9ERU	176,701	32V1.....	75A4	80, 40, 20, 15
Indiana	W9IOP	227,851	VFO-6AQ5s-4-65A.....	75A4, DB23	80, 40, 20
Wisconsin	W9RQM	172,440	VFO-813.....	HR050T	80, 40, 20, 15
No. Dakota	WØEOZ	87,425	VFO-813.....	NC101X	80, 40, 20, 15
So. Dakota	WØPHR	150,500	Sig. Shifter-807-814.....	NC183D	80, 40, 20, 15
Minnesota	WØYCR	152,370	VFOsVT127As;304TL;250Ts,100THs	Super Pro	80, 40, 20, 15
Arkansas	W5WUR	25,750	Viking II.....	SX25	40, 15
Louisiana	W5MCT	143,445	Viking I.....	HQ140X, DB22A	80, 40, 20
Mississippi	W9APY/5	149,144	VFO-6AQ5-807-4D32..	BC348(75kc.i.f.),SOJ	80, 40, 20
Tennessee	W4VOS	98,150	VFO-807s; VFO-829B.....	Homebuilt superhet	80, 40, 20
Kentucky	W4JBQ	116,438	Heathkit VFO-Viking I.....	75A3	80, 40, 20, 15
Michigan	W9WJV/8	105,941	32V3.....	75A3	80, 40, 20, 15
Ohio	W8PBW	150,343	32V3.....	HRO5	80, 40, 20
E. N. Y.	K2HVN	87,570	Viking II.....	S76	80, 40, 20, 15
N. Y. C.-L. I.	W2PRN	118,808	BC458-Multiphase 20A-4-250A..	75A4	80, 40, 20, 15
N. N. J.	W2GND	119,446	32V3 .....	HRO60	80, 40, 20
Iowa	WØCXN	121,500	6CL6-6AK6-6F6-6L6-6146.....	SX71	80, 40, 20
Kansas	WØJUB	101,360	VX101-813.....	HQ129X	80, 40, 20, 15
Missouri	WØTDR	85,444	DX100.....	NC173	40
Nebraska	WØCIO	92,625	DX100.....	S76	80, 40, 20
Connecticut	W1TYQ	125,175	Viking II.....	75A4, DB23	80, 40, 20
Maine	W1IKE	58,225	VFO-Bandbox-6146.....	75A3	80, 40, 20, 15
E. Mass.	W1YMA/1	112,890	Viking II-HK354Cs.....	75A3	80, 40, 20
W. Mass.	W1JYH	124,200	310B-4-125A.....	HRO5	80, 40, 20, 15
N. H.	W1BFT	132,475	32V3.....	75A4	80, 40, 20, 15
R. I.	W1CJH	82,913	VFO-813.....	75A1	80, 40, 20, 15
Vermont	W1QMM	69,912	6AC7-6AG7-6L6-813.....	Homebuilt(triple conv.)	80, 40, 20
Alaska	KL7EVR	26,455	6AH6-6C4-5763-6AG7-4E27.....	BC348 (double conv.)	40, 20
Idaho	W7UDG	73,920	Viking II.....	HQ129X	80, 40, 20, 15
Montana	W7KVU	231,593	32V3 .....	75A4	80, 40, 20, 15
Oregon	W7TML	77,420	VF1-AT1-813s.....	SX71	80, 40, 20
Washington	W7NLJ	113,575	VFO-2E-4E27.....	NC200, Q5er	80, 40, 20, 15
Hawaii	KH6JJ	82,928	VFO-4-250As.....	HQ129X	80, 40, 20, 15
Nevada	W7KEV	164,250	VFO-807-4-65A.....	HQ129X	40, 20, 15
Santa Clara V.	W6UTV	91,413	4D32 p.a.....	HRO60	80, 40, 20
East Bay	W6TT	120,158	310B-4-125A.....	75A4	80, 40, 20, 15
San Francisco	W6BIP	84,680	VFO-813-VT127As.....	SX28, Q5er	80, 40, 20, 15
Sacramento V.	W6HIR	53,219	32V3 .....	75A4	80, 40, 20, 15
San Joaquin V.	W6MPG	68,793	Sig. Shifter-1625-304TL.....	SX25	40, 20
No. Carolina	W1RAN/4	113,330	BC996A-6AG7-6N7-807-813s.....	SX25, Q multiplier	80, 40, 20
So. Carolina	W4GQE	83,243	VFO-6CL6-6146.....	SX96	80, 40, 20
Virginia	W4KFC	208,871	VFO-807-257B.....	75A2	80, 40, 20
W. Virginia	W8UMR	74,018	5100.....	NC300	80, 40, 20, 15
Colorado	WØCDP	90,630	DX100.....	SX71	80, 40, 20, 15
Utah	W7QDM	90,649	VFO-6AG7-807s.....	BC348P	80, 40, 20
Wyoming	W7PSO	76,976	Viking II-810s.....	75A3	40, 20
Alabama	W4RAL	57,200	VFO-12A-12SL7-6V6-1625s.....	SX28, Q5er	80, 40, 20
E. Florida	W4LVV	110,220	310B (modified)-813.....	HR050T1	40, 20, 15
W. Florida	W4WKQ	107,355	Lysco 600-813.....	HQ140X	80, 40, 20
Georgia	W4ZKU	53,952	DX100; 6CL6-6146-813s.....	SX28	80, 40, 20
West Indies	KP4DH	22,150	Heathkit VFO-Viking II.....	HRO (modified)	40, 20
Canal Zone	KZ5BC	22,680	813 p.a.....	NC100, HF10-20	20
Los Angeles	W6BJU	189,900	Sonar XEC VFO-4E27.....	75A2, DB23	80, 40, 20, 15
Arizona	W7VMP	141,036	Ranger-4-125As.....	75A4	80, 40, 20
San Diego	W6JVA	73,675	VFO-5763s-6146.....	HQ129X	80, 40, 20, 15
Santa Barbara	W6YK	63,190	6V6-6V6-807-TZ40-304TLs.....	NC183D	80, 40, 20
No. Texas	W5BJA	129,575	Heathkit VFO-Adventurer.....	S76	40, 20, 15
Oklahoma	W5CYQ	47,984	AT1; 811s p.a.....	SX71	80, 40, 20
So. Texas	W5BTS	112,180	VFO-5763-6146.....	Homebuilt(50kc.i.f.)	40, 20
New Mexico	W5DWT	176,613	LM VFO-6AG7-1614-807-812A.....	75A1	80, 40, 20
Maritime	W2BRA/VO6	16,526	32V2 .....	SP600	40, 20, 15
Quebec	VE2YU	70,898	BC221-6AC7-6AG7-807.....	SX28	80, 40, 20
Ontario	VE3DRD	78,275	6AU6-6SH7-6AG7-2E26-813.....	BC348 (50 kc. i.f.)	80, 40, 20
Manitoba	VE4RC	34,350	6J5 VFO-6AG7-6V6-807s.....	BC342N	80, 40, 20
Saskatchewan	VE5DZ	24,084	6AG7-6L6-807s-803 .....	HRO Jr.	40, 20
Alberta	VE6NX	50,820	VFO-6146-813s.....	SX28	80, 20
B. C.	VE7ZK	108,500	6C4-6AG7-6AQ5s-6146-4-125A.....	NC240D	80, 40, 20
Yukon	VE8OI	16,231	5763 VFO-Bandbox-6146.....	AR88	80, 40, 20



Trudging along firmly in the footsteps of Dad W3BES goes Alan Mathis, WN3EBG. What with a Ranger, an HQ-129X and an S-38 (and perhaps some pointers from Papa), he registered the highest Novice score ever, 19,263 points. Between scheduled activities Alan, age 14, keeps vigil for Utah and Idaho, has tangled with upwards of 40 countries.

231,593 points and 1270 valid contacts accounted for brand new records in both departments. Not to be sneezed at either were W9IOP's 227,851 and W4KFC's 208,871 markers. Others in the top brackets: W3DGM 198,743, W6BJU 189,990, W9ERU 176,701, W5DWT 176,613, W3EIS 173,621, W9RQM 172,440, W7KEV 164,250, W9YFV 162,425, W9OCB 162,360, W3AEL 156,960, WØYCR 152,370, W3JNQ 151,628, WØPHR 150,500, W8PBW 150,343, W8LQA 149,538, W9APY/5 149,144, W5MCT 143,445, W4PNK 142,806, W3ALB 141,270, W7VMP 141,036, W4CC 140,000, W2SSC 139,680, W8OYI 135,800, W3GRF 135,013, W3HEC 134,820, W3GFM 133,622, W9KZZ 133,303, W3JTC 132,951, WØTKX 132,860, W1BFT 132,475, W3JBC 132,090, W6NWU 131,583, W8VTF 131,528, K6BLL 131,400, W9VUL 130,200, W9NII 129,763, W5BJA 129,575, W8BOJ 127,970, W3VOS 127,090, W1TYQ 125,175.

In 125-to-100 grand territory were W1s ARR/1 AW BIH JYH RAN/4 RND YMA/1 ZDP, W2s CQB GND PRN, K2CPR, W3s ADZ CPS DLR DVO EIV HHK IKN ISE KT MFJ VAN, W4s BZE JAT JBQ JUQ LVV WKQ YZC, W5s BTS CAY, K5CAW, W6TT, K6CJQ, W7s GWD NLI PQE, W8s ETU IFX NDU UZJ, W9s AMU GWK KLD PNE PZT TKR WBL WJV/8 YZA ZAB, WØs CXN FZO IUB RYJ, VE7ZK.

These 36 sleuths raised all 73 sections: W1s BIL CWX FTX, W2s CWK GND PRN, K2s HZR KCE, W3s ADZ DGM DLR DRD EVW JTC MSK, W4s CVI KFC PNK, W5s BJA

MCT, W6s BIP CRT GMF NWL TT UZX, K6BLL, W7s KVU VMP, W8s AQ ZJM, W9s IOP NH WJV/8 YFV, WØTKX. Foxy W1BIL collected the clean sweep in a scant 73 QSOs, and OT W8AQ managed it in just 102.

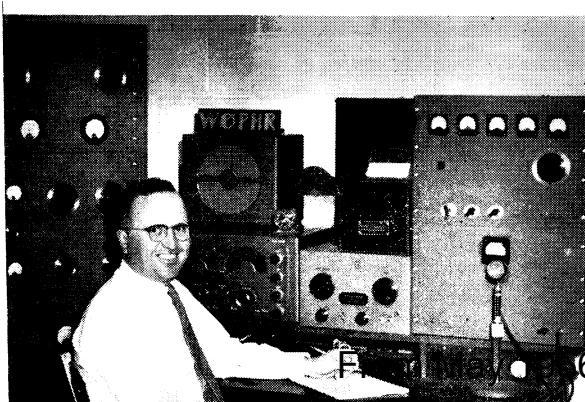
Eight per cent of the code entries, 116 logs, were those of Novices. Special WN/KN section awards went to these 15 budding sharpshooters: WN1FRR, KN2s MFF MWK ODE, WN3s AYY EBG, KN4DFR, KN5BKH, KN6IYJ, WN7ZOI, WN8s ABM CFJ EYP, KN9BHD, KNØBHS.

### Sidelights

Bookish Sweepstakes should check this *QST* bibliography: W3FQB's classic "The Man Who Broke the Bank," May 1953, p. 58; W1YYM's mathematical "Contacts vs. Multipliers," November 1955, p. 46; W1VJE's double helping of hilarity, "Reporter's Wife Sues for Divorce," December 1955, p. 188, and "Latest Sweep-steaks Noos," February 1956, p. 64. For an extra guffaw, see the Correspondence item "Ex-Booster," February 1956, p. 130. . . . WØUB, who delights in rummaging through his *QST* volumes to ferret out statistics, has been rummaging again. Here are his latest findings, edited to include 1955:

All-Time SS High Scorers			All-Time SS QSO Leaders		
Call	Score	Year	Call	QSOs	Year
W7KVU	231,593	1955	W7KVU	1270	1955
W9IOP	227,851	1955	W9IOP	1258	1955
W4KVX	209,353	1954	W4KFC	1183	1953
W4KFC	208,871	1955	W9IOP	1151	1954
W9IOP	208,506	1954	W4KFC	1149	1955
W4KFC	208,350	1954	W4KVX	1147	1954
W7KVU	202,210	1954	W4KFC	1137	1954
W9IOP	199,199	1953	W9IOP	1103	1953
W3DGM	198,743	1955	W8IOP	1100	1951
W6BJU	191,250	1951	W3DGM	1091	1955
W6BJU	189,990	1955	W4KFC	1067	1948
W4KFC	188,100	1952	W6BJU	1064	1951
W3DGM	187,650	1952	W6BJU	1060	1955
W9IOP	186,660	1952	W9IOP	1052	1952
W4FU	185,400	1949	W3DGM	1050	1951
W2IOP	183,690	1948	W4KFC	1048	1952
W3BES	183,600	1949	W3BES	1032	1948
W3BES	183,180	1948	W4FU	1030	1949
W3BES	181,980	1951	W4KFC	1026	1949
W4KFC	181,849	1949	W2IOP	1025	1948
W3BES	181,710	1952	W3BES	1022	1949
W3DGM	181,125	1951	W3BES	1011	1951
W3JTK	180,540	1954	W3BES	1010	1952

. . . W1WPR, another self-styled actuary, gandered W1AW's 750 contacts and learned that states most often QSO'd almost paralleled the electoral college: New Yorkers at 69, Pennsylvanians at 60 and Californians at 53 were commonest, while Nevada and Wyoming, at one QSO apiece, were toughest. . . . Pioneering W2PEO called to the colors a crystal-controlled transistor oscillator on 3501.5 kc. Power was  $7\frac{1}{2}$  volts at  $2\frac{1}{2}$  ma. for a smashing 20 milliwatts input. . . . W2LPV knocked off more states toward his 14-Mc. WAS, now quests the last four. . . . Word comes from W8IFX that his ground plane radiates equally poor in all directions. . . . WN8VDA and KN2KRJ received Generals between contest week ends, finished up competing with the veterans. . . . W2BRC and W2CJM got by with attic antennas. . . . The 21½-inch Biley (W3GV) Memorial Trophy, donated by W3GJY to the leading W. Pa. scorer, goes to W3PWN. . . . W7AXJ's log was a 7-foot length of yellow TTY paper with occasional fingernail polish markings as reminders to change carbon paper. . . . Lucky W4PNK landed his



ARRL Director WØPHR, an avid contest fan, probably contributed toward a passel of WAS's in earning 150,500 points and the South Dakota wallpaper. Rig on left features 814s in the final, that on right a single TZ-40. Al's power input ranges from 75 to 300 watts at the flick of a Variac.

(Photo by WØHSH)

73rd, VE4GB, with five minutes of operating time remaining. . . . KZ5BC latched onto 54 sections but Canal Zone wasn't one of them. . . . The Communications Dept.'s W1ZZE distributed over 10,000 log sheets but some who relied on one radiogram may have been disappointed. Please include your name, call and full QTH in the text of such messages to help us unscramble any arriving in garbled form. . . . W7UDG found 150 QSLs labeled "first Idaho" in the mailbox. . . . Number-one SS log to pop up at ARRL came from Vermonter W1UGW, scheduled to report to Fort Dix November 15th for a hitch with Uncle Sam. W1RWP, another Green Mountain State resident, missed the second period too. This section, it seems, won't be getting any easier. . . . W1ULU was the sole Technician in the c.w. SS. . . . Tightest sectional race occurred in Georgia, where W4ZKU squeaked past W4BXV by a mere 87 points. In another cat-whisker finish, Missourian W9TDR nosed out W9EZU. Peruse the score tabulations for other near dead heats in Iowa, N. N. J. and Ohio. . . . We'd have enough copy for ten more pages if all the comments in the "Wait 'til next year" vein were laid end to end. Good luck, boys. . . . Yukon is rough for most, but when you're in the neighborhood it's a breeze! VE8OI snagged five in 134 QSOs. . . . Breaking in new calls were VE2YU (ex-VE6ZR), K9CSW (ex-W7PCZ), K6OIZ (ex-K2EUN). And big things are expected from ex-W4YHD, Chief Op at W1MX for years, now hiding out in W. N. Y. under the moniker K2QOO. . . . "Forty hours of solid enjoyment, experience and 'fast living.' Picked up six new states and a whale of savvy. Everyone seemed to be in the running. The spirit is just plain contagious!" — K9AEI. . . . "All 73 sections at last! Had 72 the first week end and hit the jackpot with VE8JW after 90 minutes of pursuit." — W2CWK. . . . "I entered for fun and experience and with no firm determination to win anything. In the latter I wasn't disappointed, but I picked up five new states, learned some fundamentals of message handling and believe my code speed improved as well." — KN5CBA. . . . "If one critical card comes through, my WAS is complete. KL7 was worked for the first time too." — W9QQH. . . . "Contests get in your blood. They're ruining me. Nobody else in town hits the tests but that's all right by me. The fewer the merrier in this neck of the woods." — W9IUB. . . . "Found it very worthwhile from experience gained in accurate sending and receiving, and learning the limitations of one's equipment and self. The good sportsmanship evidenced by Novices and old-timers alike reinforced my faith in ham radio." — WN8CFJ. . . . "Biggest laugh was the W9 heard calling CQ Field Day." — W2BXS. . . . "There was hardly a dull moment. Clean competition was the keynote. Rules were adhered to and fair play was noticeable from beginning to end. The clatter on 40, 20 and 15 can't technically be termed QRM when everyone seemed to be making QSOs without trouble." — W4SHW. . . . "Don't let people kid you into believing that 800 and 75-100 watts are equalized by the 1.25 multiplier. When conditions are poor the QRP lads may as well sleep, while the big boys can play on only slightly hampered. My good friend W7PSO and I both hope he won for Wyoming." — W7UFB. . . . "Aurora conditions were pitiful. At Homer, Alaska, the sky was almost pure white for the entire second period with only an occasional path open and practically no signals. First time in eight postwar SS's that we had no antenna or equipment failures. Thoroughly enjoyable except for the northern lights." — KL7EVR. . . . "Two new states thanks to W7KEV and W7JLU." — W9WRO. . . . "May I thank the many kind, patient guys who QRSpd to my comf'y 15 w.p.m. and repeated and repeated their NRs, CKs, and times? Now I am reconciled to my good XYL again, Junior is back in his room where the shack is, my bloodshot eyes have cleared, and my ears are beginning to prick up again for that musical CQ SS." — W3TN. . . . "The word Sweepstakes is *verbotten* in our house these days." — W3VIW. . . . "Second year I've been so low in sections (61) with so many contacts (755).

◆  
After rogering W8HZR's NR 12 and penciling "off the air" in the log, W6BIP slipped into some fancy duds and faced the camera. Back in the fray moments later, "Bip" carried on for 34 hours to glom onto his fifth consecutive San Francisco certificate. Four Vee beams and p.p. VT127-A's at a half-gallon conspired to poke sizable chunks in the QRM.

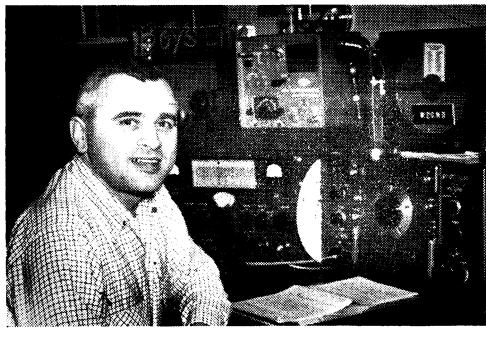


Connecticut's W1ADW grabbed top prize in the first Sweepstakes in January, 1930, wherein ARRL offered the leaders brooms signifying the clean sweep. Joe still performs notably SS-wise, and here he is in 1956, fondly clutching the broom, now 26 years old and slightly bedraggled. (Photo courtesy W1ZKQ)

Anybody got an answer?" — W3IKN. . . . "Great Contest! Enjoyed furnishing Vermont to many, but wasted last half-hour fruitlessly searching for KL7." — W1QMM. . . . "My pet peeve is the long CQer. If he has been worked before, precious time is lost. Why don't these guys sign more often?" — W1UTA. . . . "Never thought I'd manage a WAS in two week ends." — W4WHK. . . . "Best signals on 7-Mc. Notice band were those of KN4CQA/4 and WN8WHF." — K9OCER. . . . "Guess I'm getting old! This was the first SS since 1936 that I failed to better any of my previous scores. Enjoyed the unique experience of having 71 sections answer my CQs. Had to call Canal Zone and missed West Indies. Wait 'til next year!" — W7KEV. . . . "Wonder if many realized that most of those K2s were KN2s not long ago. Didn't they do a slam-bang job?" — W4PNK. . . . "Extreme courtesy was the rule. Hope to be better prepared from standpoint of equipment and record-keeping in future." — W7WAW. . . . "Entire contest was logged both on paper and with a magnetic-tape recorder. Letter helped immeasurably in filling in missed or doubtful messages. A sheet similar to ARRL Operating Aid #6, but modified to conform with my location, served to eliminate duplicate QSOs." — W7KVU. . . . "Best SS ever and there were many fine ops on hand, but think more use should be made of the ARRL check sheet to avoid duplicates. W4KVX, W3DGM, and W7KEV had beautiful signals." — W4YZC. . . . "Nothing better than the SS to build one's operating skill." — W4DXF.

We could carry on interminably, but let's reserve a bit of space for the round-up of phone and club standings. For more photos, cartoons, comments and statistics, see June *QST*.





At this orderly installation Harry Harchar, W2GND, pinned down 119,446 points and the N.N.J. award. A glance at the masthead of *Boys' Life* reveals Harry is Editor of that widely-read publication.

## C. W. SCORES

### Twenty-Second Sweepstakes Contest

Scores are grouped by Divisions and Sections. . . . The operator of the station first-listed in each Section is awarded winner for that Section unless otherwise indicated. . . . Likewise the "power factor" used in computing points in each score is indicated by the letter A or B: . . . A indicates power up to and including 100 watts (multiplier of 1.25, c.w.), B over 100 watts (multiplier of 1). . . . The total operating time to the nearest hour, when given for each station, is the last figure following the given score. . . . Example of listings: W3DGM 198,743-1091-73-A-40, or, final score 198,743, number of stations 1091, number of sections 73, power factor of 1.25, total operating time 40 hours. . . . An asterisk denotes Novice certificate winners in sections where at least 3 Novice logs were submitted. . . . Multioperator stations are grouped in order of score following single-operator station listings in each section tabulation.

#### ATLANTIC DIVISION

##### *Eastern Pennsylvania*

W3DGM . . . 198,743-1091-73-A-40  
W3HJM . . . 198,628-879-69-A-39  
W3JNQ . . . 151,628-879-69-A-39  
W3KAB . . . 107,702-851-68-A-38  
W3GHM . . . 133,636-94-1-B-40  
W3JPC . . . 129,000-857-88-A-38  
W3CP . . . 123,029-741-61-B-40  
W3DLR . . . 112,420-770-73-B-40  
W3KT . . . 106,678-601-71-A-33  
W3HHK . . . 104,360-608-68-A-39  
W3ADZ . . . 100,375-550-73-A-34  
W3ISE . . . 100,350-669-60-A-40  
W3EAN . . . 92,318-562-66-A-33  
W3LEZ . . . 87,720-516-68-A-33  
W3EQA . . . 83,160-468-72-A-33  
W3ARK . . . 79,143-575-69-B-33  
W3DBF . . . 77,568-606-64-B-  
W3LVM . . . 77,218-463-67-A-25  
W3EVW . . . 76,650-420-73-A-32  
W3MDE . . . 75,250-430-70-A-35  
W3DV . . . 72,331-411-71-A-36  
W3MWC . . . 71,269-455-63-A-36  
W3GRS . . . 69,930-444-63-A-24  
W3KFQ . . . 68,681-500-55-A-31  
W3SH . . . 62,075-382-65-A-35  
W3MDO . . . 60,847-424-67-B-35  
W3LZ . . . 44,334-394-63-A-32  
W3WIK . . . 44,334-395-41-A-32  
W3RII . . . 42,700-307-56-A-29  
W3CHH . . . 38,700-360-43-A-  
W3LXN . . . 33,800-325-52-B-27  
W3YLL . . . 33,488-286-47-A-30  
W3WOS . . . 33,078-270-49-A-30  
W3DVC . . . 31,728-260-49-A-22  
W3ADE . . . 29,000-232-50-A-16  
W3TJW . . . 27,040-260-52-B-40  
W3YTM . . . 26,966-213-51-A-34  
W3BQA . . . 26,341-252-53-B-22  
W3HTR . . . 26,335-229-46-A-32  
W3KFK . . . 26,213-234-45-A-30  
W3CGS . . . 24,780-210-59-B-15  
W3DFJ . . . 23,460-198-48-A-26  
W3GHD . . . 23,250-150-62-A-  
W3HRW . . . 23,010-177-52-A-11  
W3YUW . . . 22,149-191-47-A-14  
W3ZRQ . . . 22,050-245-45-B-23  
W3YWT . . . 21,000-212-40-A-27  
W3NBBG . . . 20,243-208-47-A-30  
W3GSD . . . 16,474-181-37-A-24  
W3XJG . . . 14,600-146-40-A-22  
W3MHX . . . 13,829-151-37-A-21  
W3CHU . . . 12,870-165-39-B-  
W3ZAL . . . 76,748-521-59-A-28  
W3HVM . . . 74,705-447-67-A-37  
W3DRD . . . 69,533-381-73-A-29  
W3UZS . . . 59,520-396-62-A-39  
W3UE . . . 58,713-385-61-A-35  
W3MSK . . . 57,065-324-73-A-40  
W3WV . . . 54,210-417-65-B-29  
W3WZL . . . 53,580-377-57-A-36  
W3DJ . . . 49,938-402-50-A-33  
W3TN . . . 45,856-334-55-A-40  
W3YIV . . . 35,188-283-50-A-24  
W3VJV . . . 30,564-251-49-A-31  
W3HIDV . . . 29,146-244-59-B-22  
W3ZQ . . . 26,912-232-58-B-24  
W3WU . . . 23,160-193-48-A-21  
W3UPN . . . 19,900-200-40-A-28  
W3FW . . . 17,850-207-35-A-39  
W3BKE . . . 16,441-201-41-B-20  
W3HH . . . 16,233-151-43-A-13  
W3H1Z . . . 13,975-130-43-A-11  
W3LZM . . . 12,833-177-29-A-13  
W3FY . . . 12,276-172-36-B-14  
W3DPA . . . 11,664-110-43-A-  
W3ZSR . . . 10,948-151-29-A-15  
W3VCD . . . 10,098-150-34-B-16  
W3HXN . . . 8,892-157-23-A-23  
W3KDP . . . 6,630-108-38-B-5  
W3SRRT . . . 5,683-86-36-B-4  
W3L1D . . . 5,335-70-32-B-1  
W3ZGN . . . 3,885-74-21-A-13  
W3TXY . . . 3,150-60-21-A-13  
W3ARB . . . 2,731-48-23-A-15  
W3PGAG<sup>2</sup> . . . 2,496-16-B-6  
W3NBX . . . 2,135-63-14-A-26  
W3WAG . . . 1,880-47-16-A-4  
W3YYL . . . 1,688-40-18-A-20  
W3RYY . . . 998-29-14-A-9  
W3UXR . . . 550-20-11-A-4  
W3CDQ . . . 338-15-9-A-3  
W3YTS (W3 RYX YTS) . . . 53,694-401-55-A-  
W3QGF (W2HEL, W3s RJA SZP TEN WEZ WUZ) . . . 35,860-329-44-A-35

W2CTA . . . 5828-63-37-A-6  
W2FPW . . . 5520-98-23-A-12  
K2HXR . . . 5003-87-23-A-10  
K2HVT . . . 4130-59-28-A-7  
K2KNW . . . 4125-66-25-A-8  
W2PEI . . . 3690-62-24-A-5  
K2MMW . . . 3375-70-25-B-16  
W2COU . . . 3300-55-24-A-4  
K2DXD . . . 3150-70-18-A-21  
K2JAE . . . 3040-64-19-A-8  
KN2MLF . . . 1073-35-13-A-10  
K2HWK . . . 2950-64-19-A-38  
K2HNO . . . 2560-64-16-A-10  
K2INO . . . 2300-46-20-A-10  
K2KXZ . . . 2205-51-18-A-10  
K2JZT . . . 2100-45-21-A-10  
KN2LMX . . . 1934-47-17-A-24  
K2LJU . . . 1283-28-19-A-8  
KN2MLF . . . 1073-35-13-A-10  
K2IKQ . . . 731-22-17-B-3  
K2HP . . . 177-29-A-13  
W2YRH . . . 425-31-7-A-19  
K2DZG . . . 195-13-6-A-8  
W2ZRC . . . 120-10-B-1  
W2ZXW (14 oprs.) . . . 20,370-247-42-B-20

#### Western Pennsylvania

W3PWN . . . 99,533-577-69-A-40  
W3VILW . . . 93,264-706-67-B-35  
W3NRE . . . 92,250-615-60-A-39  
W3GJJ . . . 92,770-533-69-A-36  
W3YLY . . . 63,954-566-57-B-40  
W3YCH . . . 54,653-350-63-A-39  
W3GE . . . 50,400-320-63-A-  
W3YDK . . . 45,979-302-61-A-30  
W3ZDA . . . 45,370-275-60-A-29  
W3UGV . . . 41,250-70-62-A-29  
W3NKK . . . 37,263-271-55-A-30  
W3LMM . . . 34,832-311-56-B-15  
W3RQD . . . 26,085-222-47-A-18  
W3ZEE . . . 22,330-201-46-B-1  
W3NG . . . 15,090-204-43-B-21  
W3AVV . . . 13,132-147-46-B-19  
W3ZQT . . . 10,900-157-28-A-26  
W3N3AYY\* . . . 7,280-100-32-A-26  
W3VEJ . . . 90-32-A-26  
W3LXB . . . 6,808-92-37-B-7  
W3ZUG . . . 6,800-90-30-A-12  
W3N3BZR/3 . . . 5,738-75-34-A-40  
W3NBOA . . . 4,661-59-33-A-25  
W3N3ARN . . . 3,900-64-26-A-22  
W3DLI . . . 2,970-50-24-A-4  
W2HWD . . . 65,230-600-55-B-33  
W3EFW . . . 2,633-42-26-A-9  
W2PAU . . . 52,850-302-70-A-17  
W3UHN . . . 1500-40-15-A-4  
W2OXA . . . 49,155-341-58-A-25  
W2HBE . . . 41,663-304-55-A-33  
W2EB . . . 41,075-310-53-A-29  
W2EHN . . . 12,163-45-35-A-22  
W2BWW . . . 10,463-140-30-A-24  
K2OMT . . . 23,300-304-53-A-35  
W2QDY . . . 12,560-248-38-A-35  
W2DAJ . . . 19,688-214-46-B-22  
W2TBD . . . 18,848-182-42-A-25  
K2EWR . . . 17,980-233-31-A-24  
W2PNA . . . 16,789-182-37-A-26  
W2ILN . . . 16,810-151-44-A-15  
W2ZVW . . . 16,438-132-50-A-8  
W2PKQ . . . 14,260-155-46-B-33  
W2LBW . . . 13,464-154-44-B-17  
W2LTT . . . 12,163-45-35-A-22  
K2HKO . . . 10,463-30-24-A-24  
K2JKA . . . 9425-131-29-A-19  
W2DMU . . . 9270-103-36-A-18  
K2KJF . . . 7,150-110-26-A-23  
K2KJF . . . 7,150-110-26-A-23  
W2LBW . . . 5813-75-31-A-26  
W2LTI . . . 4275-98-18-A-13  
K2HII . . . 1613-43-15-A-10  
W4KUO/2 . . . 1103-25-18-A-12  
K2BINQ . . . 336-14-12-B-4  
W2HAZ . . . 315-14-9-A-  
K2CMCI . . . 105-7-6-A-7  
K2ITQ (K2s ITP ITQ) . . . 39,650-281-62-A-40

#### CENTRAL DIVISION

##### *Illinois*

W9ERU . . . 176,701-996-71-A-40  
W9YFV . . . 162,425-890-73-A-40  
W9NN . . . 129,763-742-70-A-40  
W9PNL . . . 117,200-669-70-A-38  
W9DZ . . . 105,315-620-68-A-39  
W9ZAB . . . 100,625-675-70-A-34  
W9GVZ . . . 90,765-520-70-A-26  
W9ZQC . . . 89,160-631-55-A-  
W9LNQ . . . 82,973-487-69-A-40  
W9ZRZ . . . 81,651-481-68-A-32  
W9BGC . . . 77,100-514-60-A-40  
W9WQE . . . 70,275-473-60-A-36  
W9WFH . . . 61,190-422-58-A-34  
W9WIO . . . 54,165-395-69-B-21  
W9OIN . . . 54,000-360-60-A-34  
W9FKH . . . 49,335-300-66-A-32  
W9YYG . . . 49,140-378-65-B-35  
W9ICE . . . 45,375-279-66-A-32  
W9AGM . . . 45,000-300-60-A-22  
W9EET . . . 44,330-286-62-A-31  
W9VJO . . . 33,700-368-58-A-30  
K2AZL/2 . . . 32,220-368-57-A-29  
K2QYV . . . 34,240-364-56-A-31  
K2EJV<sup>3</sup> . . . 33,120-328-55-A-32  
W2DNR . . . 34,013-322-52-A-34  
K2EJV . . . 34,013-326-57-A-34  
W2TMI . . . 34,185-260-53-A-28  
K2VIR . . . 28,750-250-46-A-38  
W9IRH . . . 28,458-226-53-A-16  
W9EDH . . . 27,072-282-48-B-31  
W9CNF . . . 26,468-228-59-B-28  
W9VLL . . . 18,225-135-54-A-13  
W9WZC . . . 25,938-208-50-A-13  
W9MXZ . . . 23,580-208-48-A-37  
W9TRE . . . 21,160-187-46-A-32  
W9LRA . . . 20,853-185-46-A-19  
W9ZOU . . . 19,695-209-39-A-22  
W9FPZ . . . 19,125-170-45-A-15  
W9CIG . . . 17,010-163-42-A-29  
W9EDH . . . 16,819-151-45-A-22  
W9QGG . . . 18,810-210-36-A-18  
W9VBL . . . 18,225-135-54-A-13  
W9WZC . . . 16,605-177-41-A-39  
K2BDDI . . . 14,135-129-44-A-12  
W9HXW . . . 16,333-139-47-A-16  
K2GHD . . . 13,748-141-39-A-15  
W9YDQ . . . 15,210-159-39-A-22  
W9BUT . . . 15,000-150-50-B-14  
W9WDF . . . 14,950-195-50-B-14  
W9MAK . . . 13,136-170-31-A-22  
W9QEI . . . 12,749-113-47-A-12  
W9WZC . . . 12,288-129-42-A-24  
W9ZMJ . . . 11,288-128-43-A-24  
W9QVO . . . 10,900-109-40-A-19  
W9REC . . . 10,300-103-40-A-21  
W9BJN . . . 9502-91-42-A-16

#### Western New York

W2SSC . . . 139,680-776-72-A-35  
W2EMW . . . 79,076-446-71-A-35  
K2KCE . . . 74,095-407-73-A-40  
W2KTC . . . 74,095-407-73-A-40  
W2VFB . . . 65,660-470-70-B-40  
W2WQ . . . 53,700-368-58-A-30  
K2VJ . . . 53,700-368-58-A-30  
W2QYV . . . 43,240-364-56-A-31  
K2EJV<sup>4</sup> . . . 43,282-364-56-A-31  
W2QYV . . . 33,120-328-55-A-32  
W2WQR . . . 33,225-322-52-A-34  
W2DRN . . . 34,013-322-52-A-34  
K2EV . . . 34,013-326-57-A-34  
W2TMI . . . 34,185-260-53-A-28  
K2VIR . . . 28,750-250-46-A-38  
W9EDH . . . 27,072-282-48-B-31  
W2QKKT . . . 29,093-220-54-A-29  
K2JAD . . . 24,180-202-48-A-22  
W2ZLU (W3s ZLU ZWA) . . . 28,866-238-51-B-35  
W2PKAT . . . 23,963-214-45-A-30  
W2KEL . . . 23,184-276-42-B-20  
W2QJM . . . 22,138-161-55-A-14  
K2GWN . . . 21,440-335-32-B-29  
W2LDRN . . . 21,440-335-32-B-29  
K2EV . . . 20,650-263-53-A-28  
W2TMI . . . 20,650-263-53-A-28  
K2KID . . . 30,912-276-56-B-22  
W2ZLU . . . 20,940-276-56-B-22  
W2PKAT . . . 23,963-214-45-A-30  
K2BDDI . . . 14,135-129-44-A-12  
W9HXW . . . 16,333-139-47-A-16  
K2GHD . . . 13,748-141-39-A-15  
W9YDQ . . . 15,210-159-39-A-22  
W9BUT . . . 15,000-150-50-B-14  
W2QV . . . 14,950-195-50-B-14  
W9MAK . . . 13,136-170-31-A-22  
W9QEI . . . 12,749-113-47-A-12  
W9WDF . . . 12,288-129-42-A-24  
W9ZMJ . . . 11,288-128-43-A-24  
W9QVO . . . 10,900-109-40-A-19  
W9REC . . . 10,300-103-40-A-21  
W9BJN . . . 9502-91-42-A-16

Unless you're blessed with a prodigious memory, you'll find Operating Aid 6 an indispensable tool in avoiding duplicate contacts. Your claimed score is less likely to be guillotined too, since ARRL often uses it as a tie-breaker as part of the checking process. This is Side One of an actual "dupe check" a HQ Staffer ran on an SS leader. Whip out a magnifying glass and you'll spot a pack of familiar calls!

W1	W2	K2
W9ALO... 9343- 101-37-A-10	W9WQO... 3900- 78-20-A-10	W4ZWZ... 28,710- 254-58-B-37
W9KRU... 8100- 72-45-A-15	W9WUH... 1743- 41-17-A-3	W4UV... 27,428- 209-53-A-28
W9JPM/9... 7553- 80-38-A-13	KN9ADT... 1056- 38-13-A-14	W4YMG... 14,000- 160-35-A-17
W9V... 5989- 78-32-A-21	W9MZE... 1041- 25-17-A-6	W4FCF... 2185- 38-23-A-5
W9PQT... 9122-B-12	W9CNG... 220- 11- 8-A-1	KN4EFV... 80- 8-4-A- -
W9QIY... 4593- 86-22-A-11		
W9CMO... 4455- 86-27-A-17		
K9ARN... 4360- 57-32-A-7	W9RQM... 172,440- 958-72-A-39	South Dakota
W9TAL... 4000- 50-32-A-5	W9KZZ... 133,303- 760-71-A-36	W9JLI... 2470- 38-26-A-9
W9UBI... 2500- 50-20-A-	W9GWK... 105,000- 600-70-A-3	W9RRN... 1500- 30-25-B-3
W9DFY... 2420- 66-16-A-16	W9YZA... 102,638- 590-70-A-39	KN9BMM (KN9-B MM BMS)
W9ECKY... 2295- 51-18-A-17	W9UDK... 96,205- 550-71-A-35	6480- 72-36-A-37
KN9AKS... 1913- 45-18-A-20	W9GWS... 86,800- 545-64-A-40	
W9FDY... 1839- 35-19-A-7	W9VOD... 82,960- 615-68-B-27	Mt. Minnesota
W9QCP... 1825- 37-20-A-8	W9RK... 81,000- 450-72-A-38	W9YCR... 152,370- 850-72-A-40
W9ULF... 1733- 33-21-A-4	W9ZDM... 77,546- 509-61-A-32	W9TKX... 132,800- 910-73-B-21
W9TVN... 1020- 24-17-A-4	W9WAN... 70,050- 470-60-A-39	W9RBI... 51,880- 650-67-B-10
W9N2FB... 796- 25-13-A-23	W9NIV... 65,894- 408-65-A-29	W9OTI... 66,871- 44-61-A-36
KN9ATY... 715- 26-11-A-18	W9DIK... 55,575- 385-60-A-29	W9WEI... 55,890- 44-69-B-31
W9NSIM... 625- 27-10-A-7	W9LVR/9... 40,870- 244-67-A-17	W9VBS... 45,801- 368-63-B-33
W9NUX... 420- 22- 8-A-11	W9SDS... 33,460- 239-70-B-21	W9KEL... 40,906- 300-55-A-28
KN9ACX... 280- 18- 7-A-10	W9YOS... 28,620- 216-53-A-33	W9WDM... 33,930- 263-65-B-40
W9EBX... 231- 17- 7-B-4	W9GYA... 23,361- 210-53-A-18	W9PBI... 31,344- 216-59-A-24
W9JJ... 225- 15- 6-A-9	W9WAN... 22,40- 165-54-A-25	W9WDW... 30,938- 250-50-A-37
W9N1... 90- 6- 6-A-2	W9HAB... 20,40- 165-54-A-25	W9RGO... 21,480- 180-48-A-16
W9TAY... 50- 5- 4-A-2	W9BCC... 19,012- 171-55-A-25	W9DQL... 10,082- 71-71-A-28
KN9QD... 50- 6- 3-A-19	W9QHY... 17,328- 202-35-A-38	W9SHU... 8313- 97-35-A-14
W9RVX... 22- 3- 3-A-19	W9KXK... 16,800- 112-60-A-24	W9QHS... 6818- 101-27-A- 8
W9EHF... 3- 1- 1-A-1	W9UFV... 15,295- 189-46-A-27	
W9UBW... 3- 1- 1-A-1	W9VZP... 13,630- 116-47-A-14	Michigan
W9OCB (W9s DDP DWD JSO) 162,360- 904-72-A-39	W9FDX... 13,340- 116-46-A-10	W9WJV/8... 105,041- 582-73-A-40
W9YH (W9s NSL OKI VHR) 13,500- 135-50-B-8	W9QDP... 12,065- 128-38-A-17	W9OCKY... 97,004- 249-71-A-40
W9WBE (W9s VYD WBE) 4013- 61-30-A- -	W9CHD... 10,575- 118-36-A-15	W9RAE... 57,988- 355-63-A-31
W9OB... 1508- 35-18-A- -	W9QGR... 9,090- 101-36-A- 9	W9SQVU... 55,860- 334-68-A-38
<i>Indiana</i>		
W9IOP... 227,851-1258-73-A-40	W9GHJ... 8,442- 108-42-B-16	W9BDM... 52,950- 352-60-A-30
W9VUL... 130,200- 744-70-A-36	W9HDH... 7,796- 95-36-A-10	W9FMF... 16,501- 382-53-A-38
W9WUW... 99,705- 580-69-A-31	W9WUQ... 5,219- 87-25-A-25	W9FEU... 46,389- 326-59-A-36
W9FGX... 84,825- 524-65-A-37	W9CFO... 3,544- 54-27-A-10	Louisiana
W9NH... 77,526- 531-73-B-40	W9GCI... 1,160- 8- 8-A-6	W9WUR... 21,370- 294-56-A-40
W9YXX... 6,663- 405-68-A-27	W9LHR... 885- 9- 4-A-2	W9NDV... 5,384- 346-61-A-37
W9WR... 63,838- 435-59-A-26	W9ZDU... 20- 4- 2-A-1	W9XJX... 41,210- 317-52-A-29
W9DX... 40,883- 321-58-A-26	W9AEM/9 (W9s EM DGO LFP ZLD) 59,200- 370-65-A-34	W9SCW... 38,186- 313-61-B-18
W9DDMU... 30,648- 373-46-A-28	149,144- 898-67-A-40	W9TKW... 37,935- 281-54-A-39
W9VAY... 28,815- 228-51-A-32	W9WQ... 52,825- 210-55-B-23	W9HQ... 35,544- 265-55-A-27
W9DGA... 25,130- 180-56-A-8	W9SBI... 18,743- 153-49-A-11	W9PFT... 34,790- 251-56-A-30
W9PGO... 22,173- 181-49-A-15	W9KNC... 11,456- 123-39-A-38	W9VPC... 34,790- 251-56-A-30
W9CLY... 21,580- 166-52-A-11	W9KHC... 16-11- 2-A-2	W9SPV... 33,933- 285-49-A-29
W9UC... 14,490- 162-45-B-12	W9KXK... 195- 13- 5-A-2	W9SRK... 32,085- 186-69-A-25
W9WRO... 13,553- 140-39-A-15	W9QCI... 160- 8- 8-A-6	W9CB... 32,085- 186-69-A-25
W9UC... 7831- 91-35-A-15	W9WQ... 275- 11-10-A-3	W9ONA... 27,203- 202-54-A-34
W9ZGB... 7673- 93-33-A-18	W9KNC... 1120- 28-16-A-17	W9NARH... 1998- 38-21-A-28
W9HHN... 7395- 102-29-A-13	W9WRK... 280- 14- 6-A- 7	W9SHAN... 23,460- 184-51-A-27
W9STG... 7041- 69-43-A-15	K4ACG... 32,060- 229-56-A-20	W9FVZ... 21,360- 78-48-A-15
<i>DAKOTA DIVISION</i>		
<i>North Dakota</i>		
W9APY/5	W9APY/5	W9CP... 20,800- 209-40-A-21
<i>Tennessee</i>		W9CPL... 18,596- 252-57-A-31
W9APY/5	W9APY/5	W9VW... 18,596- 207-53-A-20
W9APY/5	W9APY/5	W9SRK... 15,500- 207-53-A-20
W9APY/5	W9APY/5	W9MSK... 16,481- 149-55-A-36
W9APY/5	W9APY/5	W9GIF... 14,386- 146-39-A-28
W9KNA/5... 120- 8- 6-A- 1	W9KNA/5... 120- 8- 6-A- 1	W9TERN... 14,168- 154-46-B-13
<i>MISSISSIPPI DIVISION</i>		W9NECEJ... 11,918- 120-42-A-38
W9APY/5	W9APY/5	W9IVK... 10,959- 143-39-B-18
W9APY/5	W9APY/5	W9MGO... 10,824- 164-33-B-10
W9APY/5	W9APY/5	W9F... 9,728- 152-32-B-15
W9APY/5	W9APY/5	W9EGI... 9,240- 88-42-A-12
W9APY/5	W9APY/5	W9ARR... 7,750- 100-31-A-10
W9APY/5	W9APY/5	W9SPHD... 4,108- 53-31-A-23

**Left:** British Columbian VE7ZK culled 108,500 points, marched well ahead of his compatriots. Bert's dainty oscillator-exciter sports a 6146 final with pi-net output. — — — — **Right:** A jawbreaker of a call didn't slow up W9APY/5 noticeably. Lew apportioned Mississippi 898 times, triumphing handily there and placing 19th nationally with 149,144 markers. The unidentified object in his right hand saw no service.



From May 1956 QST/ARRL





W8NWH...3500- 51-28-A- 7 W8GXZ...23,660- 182-52-A-20 W8PKU....193- 11- 7-A- 3 W2AIZ...16,800- 240-35-B-38  
 W8ZNH...3220- 46-28-A- 7 W8PBX...22,540- 202-46-A-19 W8BMX....50- 5- 4-A- 2 K2ABW...16,450- 175-47-B-23  
 W8NCNL...1845- 41-18-A-10 W8SUW...21,038- 187-45-A-36 W8JOY (6 oprs.)...15,030- 169-36-A-14  
 W8NBYA...1785- 46-17-A-20 W8CGY...20,803- 157-53-A-20 23,575- 208-46-A-38 W2NCG...15,040- 156-34-A-26  
 W8NVJZ...1200- 33-10-A-10 W8TAK...20,790- 231-36-A-25 20,280- 160-48-A-24 K2DNL...13,040- 160-32-A-11  
 W8NBFBZ...688- 28-10-A-18 W8RCJ...20,528- 162-51-A-38 20,280- 160-48-A-24 W2CKQ...12,512- 184-34-B-20  
 W8NSGIM...550- 24-11-A- 9 W8ADL...20,205- 228-36-A-25 18,743- 157-49-A-40 K2RS...12,000- 150-32-A-21  
 W8RDX...500- 6- 4-A- 3 W8SRO...20,088- 162-48-A-24 18,743- 157-49-A-40 K2HNG...13,203- 144-33-A-28  
 W8SGB...100- 1- 1 W8JIN...20,000- 160-50-B-16 W8URD (W8PAU) K4GYO, K2COP...11,273- 167-34-A-28  
 W8YY...1926... W8s... IDM... 19,101- 207-37-A-24 W8s LQG NOU NVD... 14,070- 170-42-B-24 W2CPA...10,778- 167-38-A-23  
 ISP ND1 SEO, KN9ALV) W8OG... 18,480- 165-56-B-17 W2TEA... 7,778- 95-34-A-9  
 56,364- 478-61-B-37 W8NMK... 18,315- 249-37-B-34 W2SMQ... 7,532- 65-34-A-13  
 W8SX (W8s HMM SXA) W8TTJ/8... 18,300- 183-40-A-20 K2BH... 5,525- 13-34-A-5  
 11,054- 122-37-A-13 W8EBK... 17,750- 142-50-A-16 W2OBW... 5,368- 113-19-A-6  
 WN8BXY (2 oprs.)... 17,015- 166-41-A-24 W8TXO (W8 BDO TXO) W2ODF... 5,175- 69-30-A-29  
 3088- 69-19-A-13 W8SWB... 17,015- 166-41-A-31 W8RUD (W8PAU) K4GYO, K2COP...11,273- 167-34-A-28  
 WN8ABM\*... 15,900- 141-48-A-33 K2DVT... 4,759- 73-27-A-24  
 W8NBU... 15,840- 176-36-A-19 K2EDH... 56,414- 422-67-B- - W2TFW... 3,444- 48-29-A-19  
 W8LQA... 149,538- 861-70-A-39 W8VZE... 15,190- 124-49-A-24 W2HSZ... 73,440- 459-64-A-39 K2TF... 3,000- 60-20-A-11  
 W8OYI... 135,800- 770-70-A-39 W8AQ... 14,892- 102-73-B-11 W8AVT/2... 56,000- 350-64-A-35 K2KTT... 3,000- 49-24-A-19  
 W8VTF... 131,528- 741-71-A-31 W8DAE... 13,856- 218-32-B-13 W8VCB... 46,574- 407-58-B-38 W2AEV... 2,731- 58-19-A-4  
 W8BOJ... 127,970- 764-67-A-31 W8QCX... 13,253- 140-38-A-20 K2CRN... 45,590- 389-47-A-39 K2KUJ... 2,720- 71-16-A-22  
 W8UZJ... 122,443- 731-67-A-31 W8ZLH... 12,950- 140-37-A-18 K2CH... 38,000- 230-40-A-32 K2LQM... 2,500- 59-19-A-9  
 W8IFX... 118,925- 710-67-A-39 W8TGB... 12,673- 144-37-A-21 K2HJM... 23,550- 124-44-A-15 W2LG... 2,200- 55-20-B-7  
 W8NDU... 107,450- 614-70-A-40 W8JY... 12,455- 106-47-A-21 K2HMK... 7,920- 87-52-A-16 W2DUN... 1,800- 36-20-A-15  
 W8SETU... 101,003- 603-67-A-40 W8NWHF... 12,400- 132-40-A-35 W2KXS... 6,300- 90-28-A-16 W2DLO... 1,680- 42-20-B-4  
 W8EV... 99,311- 560-71-A-31 W8GAT... 12,300- 132-40-A-35 K2HQJ... 5,220- 61-36-A-16 W2NOL... 1,600- 46-16-A-15  
 W8ZJM... 97,546- 537-73-A-31 W8MAE... 11,900- 100-46-A-15 K2KTX... 4,025- 70-23-A-5 W2ZMK... 1,560- 39-20-B-12  
 W8OPA... 91,371- 548-67-A-35 W8SWO... 11,008- 91-31-A-22 K2AWA... 1,650- 31-22-A-8 K2EZ... 1,318- 31-17-A-9  
 W8TZU... 84,661- 560-71-A-38 W8PT... 10,481- 108-39-A-22 K2NOSY... 1,320- 37-16-A-14 K2KUJ... 1,318- 31-16-A-22  
 W8WJU... 81,423- 501-89-A-30 W8AQD... 10,463- 93-45-A-15 W2GTC... 805- 23-14-A-4 K2EN... 1,200- 30-18-A-3  
 W8HLV... 81,489- 287-67-A-33 W8SOHO... 10,080- 113-36-A-20 K2GJC... 750- 30-10-A-5 W2IHE... 1,120- 24-10-B-4  
 W8ZAU... 79,500- 530-60-A-37 W8PM... 8,860- 76-44-A-5 W2PEO... 193- 11- 7-A- 5 W2JCA... 710- 13- 7-A-2  
 W8DQC... 79,705- 477-66-A-22 W8MNO... 8,277- 134-31-B-13 N. Y. C. I. W2JCA... 710- 13- 7-A-2  
 W8FGX... 72,180- 401-72-A-20 W8LWL... 7,700- 110-28-A-8 W2PRN... 118,808- 651-73-A-39 K2OBN... 7,6- 6-A-5  
 W8SSQ... 63,773- 388-66-A-35 W8IB... 7,245- 63-46-A- - K2DGT/2... 97,410- 573-68-A-38 W2NUF... 75- 6- 5-A-1  
 W8RSP... 63,495- 377-68-A-18 W8STR... 7,156- 115-25-A-20 W2KTF... 93,030- 667-70-B-39 K2NMH... 75- 6- 5-A-12  
 W8SDJ... 63,000- 420-60-A-40 W8EIV... 6,694- 78-33-A- 8 W2TUK... 92,544- 553-67-A-36 W2VZT... 60- 6- 5-B-5  
 W8BQT... 61,875- 375-66-A-10 W8UPB... 6,388- 75-35-A-3 W2MUM... 84,923- 507-67-A-38 K2OPI... 55- 6- 4-A-3  
 W8FDC... 60,683- 400-62-A-39 W8ZKK... 5,680- 71-40-B-8 W2KGN... 84,175- 520-65-A-34 K2PHT... 40- 6- 2-A-9  
 W8VQI... 59,221- 402-59-A-33 W8KMF... 5,664- 59-48-A-15 W2HQL... 84,169- 505-67-A-34 W2AAE (W2API, K2s CUI  
 W8EEZ... 59,198- 452-54-A-19 W8NAXX... 5,590- 93-26-A-15 K2GHS... 84,104- 553-61-A- - DPG JFZ)... 50,752- 419-61-B-28  
 W8SSWZ... 56,350- 322-70-A-29 W8NNX... 5,509- 57-39-A-15 K2CCE... 83,363- 513-65-A-37 K2KY (K2KYK, K2N2ON)  
 W8VOX... 54,194- 334-65-A-31 W8KSAO... 4,843- 76-26-A-5 W2CWD... 65,985- 499-53-A-38 739-5- 102-29-A-10  
 K8NRG... 48,578- 354-51-A-28 W8MOH... 4,463- 74-25-A-9 W2JBC... 64,339- 452-57-A-29 Northern New Jersey  
 W8NMR... 48,000- 300-64-A-24 W8PC... 4,425- 50-33-A-9 W2PS... 64,048- 451-57-A-38 W2GND... 119,446- 673-73-A-40  
 W8HOX... 47,940- 400-60-B-28 W8TIN... 4,084- 48-37-A-10 W2PGX... 63,913- 445-57-A-34 W2CQD... 116,351- 878-89-A-40  
 W8QDH... 47,938- 325-59-A-25 W8HFE... 4,000- 48-34-A-4 W2IMD... 64,240- 44-68-B-13 W2OIB... 88,638- 565-67-A-40  
 W8KCK... 43,200- 320-53-A-30 W8HSM... 3,780- 65-24-A-13 W2IWC... 54,443- 357-61-B-25 W2DMJ... 88,400- 520-65-A-23  
 W8DW... 42,731- 328-53-A-35 W8NC... 3,705- 67-26-A-4 W2WFL... 54,173- 350-62-A-25 K2DSW... 81,125- 550-59-A-35  
 W8CLM... 37,863- 288-55-A-26 W8NVR... 2,750- 63-20-A-5 W2VFL... 52,772- 363-72-B-24 W2GBY... 78,750- 525-60-A-38  
 W8SMK... 36,000- 247-53-A-26 W8VDA... 2,678- 51-21-A- 6 W2VDT... 43,911- 349-63-B-35 K2AFQ... 76,415- 527-58-A-40  
 W8TC... 36,917- 276-67-B-32 W8VKE... 2,678- 52-21-A-14 K2CMV... 41,473- 313-53-A-24 W2CWF... 73,091- 402-73-A-27  
 W8TND... 35,031- 238-59-A-27 W8ET... 2,580- 43-24-A-4 K2DTC... 33,060- 230-58-A-34 W2AZL... 71,501- 416-69-A-31  
 W8OID... 34,965- 259-54-A-25 W8QBU... 2,550- 51-25-B- 6 K2E... 29,204- 298-49-B-35 W2WSN... 70,125- 469-60-A-40  
 W8CEG... 33,750- 250-54-A- 9 W8TYX... 2,320- 58-20-B- 7 K2GBH... 25,300- 245-50-A-40 W2TPJ... 69,120- 432-64-A-31  
 W8GO... 31,500- 210-60-A-26 W8SATP... 2,113- 73-13-A-30 K2GMF... 24,675- 238-42-A-27 W2LQ... 58,850- 428-55-A-30  
 W8UMA... 28,329- 253-57-B-26 W8OYV... 2,040- 51-16-A- 8 W2YSL... 23,275- 270-35-A-24 K2CBB... 54,921- 417-53-A-37  
 W8ELB... 27,163- 205-53-A-30 W8JRB... 1,300- 26-20-A-2 W2AOD... 23,230- 202-46-A-23 K2EPP... 54,000- 405-54-A-36  
 W8NP... 26,215- 221-49-A-17 W8SUS... 915- 34-12-A- 5 W2DUS... 22,091- 206-43-A-19 K2GFX... 53,940- 372-58-A-30  
 W8CTP... 26,065- 203-52-A-28 W8BUM... 850- 20-17-A- 3 W2NLI... 21,000- 200-42-A-19 W2TWC... 53,200- 355-60-A-20  
 W8QLV... 25,694- 223-58-B-19 W8NWTG... 350- 18- 8-A-11 W2RZH... 18,130- 148-49-A-25 W2MPP... 46,883- 401-47-A-33  
 W8CCU... 25,399- 262-39-A-22 W8NSBDH... 250- 12-10-A-11 W2GP... 17,150- 245-28-A-16 W2BRC... 45,600- 380-48-A-33  
 WSLOF... 24,910- 189-53-A-15 W8DNU... 248- 11- 9-A- 3 W2AZS... 17,000- 170-50-B-15 W2GUM... 45,600- 304-60-A-30

The ways you can tackle the SS are many and diverse, and pursuit of a fast WAS is only one of them. Among those who managed this in '55 was W1VG. Here are the QSLs Pete wangled from amateurs in the 48 states. Maryland almost put the kibosh on the project but finally came through.

#### HUDSON DIVISION

*Eastern New York*

K2HVN...87,570- 560-63-A-40 K2EDH...56,414- 422-67-B- - W2TFN...3,000- 60-20-A-11  
 W2HSZ...73,440- 459-64-A-39 W8AVT/2... 56,000- 350-64-A-35 K2FW...3,000- 60-20-A-11  
 W8AQ...14,892- 102-73-B-11 W8VCB... 46,574- 407-58-B-38 W2TNI...3,000- 60-20-A-11  
 W8OYI...135,800- 770-70-A-39 K2CRM... 45,590- 389-47-A-39 K2AEV...2,731- 58-19-A-4  
 W8VTF...131,528- 741-71-A-31 W8DAE... 13,856- 218-32-B-13 K2KUJ... 2,720- 71-16-A-22  
 W8BOJ...127,970- 764-67-A-31 W8QCX... 13,253- 140-38-A-20 K2LQM... 2,200- 55-20-B-7  
 W8UZJ...122,443- 731-67-A-31 W8ZLH... 12,950- 140-37-A-18 K2CQJ... 2,153- 41-21-A-2  
 W8IFX...118,925- 710-67-A-39 W8TGB... 12,673- 144-37-A-21 W2DUN... 1,800- 36-20-A-15  
 W8NDU...107,450- 614-70-A-40 W8JY... 12,455- 106-47-A-21 W2DKL... 1,680- 42-20-B-4  
 W8SETU...101,003- 603-67-A-40 W8NWHF... 12,400- 132-40-A-35 K2HQB... 5,220- 61-36-A-16 W2ZMK... 1,560- 39-20-B-12  
 W8EV...99,311- 560-71-A-31 W8GAT... 12,300- 132-40-A-35 K2KTX... 4,025- 70-23-A-5 K2EZ... 1,318- 31-17-A-9  
 W8ZJM...97,546- 537-73-A-31 W8MAE... 11,900- 100-46-A-15 K2AWA... 1,650- 31-22-A-8 K2KUJ... 1,318- 31-16-A-22  
 W8OPA...91,371- 548-67-A-35 W8SWO... 11,008- 91-31-A-22 K2NOSY... 1,320- 37-16-A-14 K2EN... 1,200- 30-18-A-3  
 W8TZU...84,661- 560-71-A-38 W8PT... 10,481- 108-39-A-22 W2GTC... 805- 23-14-A-4 K2EN... 1,200- 30-18-A-3  
 W8WJU...81,423- 501-89-A-30 W8AQD... 10,463- 93-45-A-15 K2GJC... 750- 30-10-A-5 W2IHE... 1,120- 24-10-B-4  
 W8HLV...81,489- 287-67-A-33 W8SOHO... 10,080- 113-36-A-20 W2PEO... 193- 11- 7-A- 5 W2JCA... 710- 13- 7-A-2  
 W8ZAU...79,500- 530-60-A-37 W8PM... 8,860- 76-44-A-5 W2ZCA... 6,300- 90-28-A-16 W2JCA... 710- 13- 7-A-2  
 W8DQC...79,705- 477-66-A-22 W8MNO... 8,277- 134-31-B-13 N. Y. C. I. W2JCA... 710- 13- 7-A-2  
 W8FGX...72,180- 401-72-A-20 W8LWL... 7,700- 110-28-A-8 W2PRN... 118,808- 651-73-A-39 K2OBN... 7,6- 6-A-5  
 W8SSQ...63,773- 388-66-A-35 W8IB... 7,245- 63-46-A- - K2DGT/2... 97,410- 573-68-A-38 W2NUF... 75- 6- 5-A-1  
 W8RSP...63,495- 377-68-A-18 W8STR... 7,156- 115-25-A-20 W2KTF... 93,030- 667-70-B-39 K2NMH... 75- 6- 5-A-12  
 W8SDJ...63,000- 420-60-A-40 W8EIV... 6,694- 78-33-A- 8 W2TUK... 92,544- 553-67-A-36 W2VZT... 60- 6- 5-B-5  
 W8BQT...61,875- 375-66-A-10 W8UPB... 6,388- 75-35-A-3 W2MUM... 84,923- 507-67-A-38 K2OPI... 55- 6- 4-A-3  
 W8FDC...60,683- 400-62-A-39 W8ZKK... 5,680- 71-40-B-8 W2KGN... 84,175- 520-65-A-34 K2PHT... 40- 6- 2-A-9  
 W8VQI...59,221- 402-59-A-33 W8KMF... 5,664- 59-48-A-15 W2HQL... 84,169- 505-67-A-34 DPG JFZ)... 50,752- 419-61-B-28  
 W8EEZ...59,198- 452-54-A-19 W8NAXX... 5,590- 93-26-A-15 K2GHS... 84,104- 553-61-A- - W2AAE (W2API, K2s CUI  
 W8SSWZ...56,350- 322-70-A-29 W8NNX... 5,509- 57-39-A-15 K2CCE... 83,363- 513-65-A-37 K2KY (K2KYK, K2N2ON)  
 W8VOX...54,194- 334-65-A-31 W8KSAO... 4,843- 76-26-A-5 W2CWD... 65,985- 499-53-A-38 739-5- 102-29-A-10  
 K8NRG...48,578- 354-51-A-28 W8MOH... 4,463- 74-25-A-9 W2JBC... 64,339- 452-57-A-29 Northern New Jersey  
 W8NMR...48,000- 300-64-A-24 W8PC... 4,425- 50-33-A-9 W2PS... 64,048- 451-57-A-38 W2GND... 119,446- 673-73-A-40  
 W8HOX...47,940- 400-60-B-28 W8TIN... 4,084- 48-37-A-10 W2PGX... 63,913- 445-57-A-34 W2CQD... 116,351- 878-89-A-40  
 W8QDH...47,938- 325-59-A-25 W8HFE... 4,000- 48-34-A-4 W2IMD... 64,240- 44-68-B-13 W2OIB... 88,638- 565-67-A-40  
 W8KCK...43,200- 320-53-A-30 W8HSM... 3,780- 65-24-A-13 W2IWC... 54,443- 357-61-B-25 W2DMJ... 88,400- 520-65-A-23  
 W8DW...42,731- 328-53-A-35 W8NC... 3,705- 67-26-A-4 W2WFL... 54,173- 350-62-A-25 K2DSW... 81,125- 550-59-A-35  
 W8CLM...37,863- 288-55-A-26 W8NVR... 2,750- 63-20-A-5 W2VFL... 52,772- 363-72-B-24 W2GBY... 78,750- 525-60-A-38  
 W8SMK...36,000- 247-53-A-26 W8VDA... 2,678- 51-21-A- 6 W2VDT... 43,911- 349-63-B-35 K2AFQ... 76,415- 527-58-A-40  
 W8TC...36,917- 276-67-B-32 W8VKE... 2,678- 52-21-A-14 K2CMV... 41,473- 313-53-A-24 W2CWF... 73,091- 402-73-A-27  
 W8TND...35,031- 238-59-A-27 W8ET... 2,580- 43-24-A-4 K2DTC... 33,060- 230-58-A-34 W2AZL... 71,501- 416-69-A-31  
 W8OID...34,965- 259-54-A-25 W8QBU... 2,550- 51-25-B- 6 K2E... 29,204- 298-49-B-35 W2WSN... 70,125- 469-60-A-40  
 W8CEG...33,750- 250-54-A- 9 W8TYX... 2,320- 58-20-B- 7 K2GBH... 25,300- 245-50-A-40 W2TPJ... 69,120- 432-64-A-31  
 W8GO...31,500- 210-60-A-26 W8SATP... 2,113- 73-13-A-30 K2GMF... 24,675- 238-42-A-27 W2LQ... 58,850- 428-55-A-30  
 W8UMA...28,329- 253-57-B-26 W8OYV... 2,040- 51-16-A- 8 W2YSL... 23,275- 270-35-A-24 K2CBB... 54,921- 417-53-A-37  
 W8ELB...27,163- 205-53-A-30 W8JRB... 1,300- 26-20-A-2 W2AOD... 23,230- 202-46-A-23 K2EPP... 54,000- 405-54-A-36  
 W8NP...26,215- 221-49-A-17 W8SUS... 915- 34-12-A- 5 W2DUS... 22,091- 206-43-A-19 K2GFX... 53,940- 372-58-A-30  
 W8CTP...26,065- 203-52-A-28 W8BUM... 850- 20-17-A- 3 W2NLI... 21,000- 200-42-A-19 W2TWC... 53,200- 355-60-A-20  
 W8QLV...25,694- 223-58-B-19 W8NWTG... 350- 18- 8-A-11 W2RZH... 18,130- 148-49-A-25 W2MPP... 46,883- 401-47-A-33  
 W8CCU...25,399- 262-39-A-22 W8NSBDH... 250- 12-10-A-11 W2GP... 17,150- 245-28-A-16 W2BRC... 45,600- 380-48-A-33  
 W8QCU...24,910- 189-53-A-15 W8DNU... 248- 11- 9-A- 3 W2AZS... 17,000- 170-50-B-15 W2GUM... 45,600- 304-60-A-30

W4JBQ's sorties on 4 bands resulted in 116,438 points, boosted the Ohio Valley club aggregation and netted the Kentucky certificate.

(Continued on page 156)



From May

QST © ARRL

**QST for**

# SS Results

(Continued from page 48)

K2GHV	40,125	321-50-A-40	KN2MMK (K2GYY, KN2s MMK MMM OUM)	2700- 57-20-A-34
K2GLQ	39,100	343-46-A-26		
W2NIN	39,015	307-51-A-28		
K2BZT	38,781	214-73-A-15		
W2DEN	38,280	264-58-A-26		
W2FZY	35,280	252-56-A-34		
W2LSX	33,588	311-54-B-17		
W2LPV	32,588	237-55-A-30		
W2CFW	29,505	281-42-A-26		
W2LRO	28,750	231-50-A-24		
K2KDG	28,575	255-45-A-33		
K2KDW	27,820	215-52-A-23		
K2BJA	27,810	206-54-A-26		
K2JLQ	27,250	221-50-A-36		
K2EGZ	24,565	289-24-A-20		
K2IBF	23,940	200-48-A-40		
W2EIK	21,045	183-46-A-13		
W2ABL	16,100	161-40-A-12		
W2ZXL	15,158	131-47-A-17		
K2GZD	13,875	222-25-A-25		
K2IBO	13,800	138-40-A-20		
W2EBG	12,825	190-27-A-19		
W2NKD	12,670	181-28-A-13		
K2CW	10,761	106-51-B-10		
W2AKR	7,175	82-35-A-14		
K2CCF	6,750	100-27-A- 9		
W2VCX	5,825	117-20-A-21		
W2NEP	5,600	70-32-A- 8		
K2KFF	5,600	70-32-A-14		
W2EWZ	5,309	69-31-A- 9		
W2IPJ	5,225	95-22-A-10		
K2GJZ	4,875	75-26-A- 7		
K2JYS	4,275	88-20-A-17		
W2ILF	4,250	63-34-B-13		
W2CVW	3,685	57-26-A- 5		
K2DN	3,240	54-24-A- 6		
K2GLS	2,874	61-19-A-10		
KN2MFF*	2,826	63-19-A-25		
W2KOE	2,565	57-18-A- -		
W2LJR	2,295	51-18-A- 3		
W2COG	2,070	36-23-A-26		
KN2PHP	1,580	41-16-A-17		
KN2LSX	1,530	38-17-A-12		
W2VMX	1,500	41-15-A- -		
W2BU	425	17-10-A- 2		
KN2OMP	195	14- 6-A-10		
W2NBP	137	11- 5-A- 3		
W2GNW	28	4- 4-B- 1		

## MIDWEST DIVISION

### Iowa

WØCXN	121,500	675-72-A-37
WØRYJ	120,820	869-70-B-37
WØFZO	101,660	602-68-A-38
WØSOP	98,926	575-69-A-39
WØFUO	90,675	698-65-B-39
WØUCE	59,360	432-56-A-37
WØKYI	55,494	350-65-A-32
WØNFL	47,520	357-54-A-30
WØUJC	41,663	302-55-A-28
WØVXO	38,905	251-62-A-35
KØAZJ	38,138	283-54-A-20
WØUJD	34,440	247-56-A-31
WØGKE	28,080	209-54-A-22
WØTLH	24,544	181-55-A-26
WØFSG	23,153	173-54-A- -
KØAKN	20,640	186-44-A-34
WØSQE	16,200	162-40-A-21
KNØBHS*	14,094	149-41-A-35
WØAWN	11,400	151-38-B-12
KØAKO	8,775	90-39-A-25
WØUJF	7,704	107-36-B-25
WØBGB	6,563	75-35-A-12
KNØAAH	5,231	72-31-A-22
WØFUX	3,813	62-25-A-23
KNØAUT	1,378	30-19-A- 9
KNØCER	806	23-15-A- 6
WØYSE	90	9- 4-A- 2
WØGXQ (WØs GWE GXQ NAI)		

40,765- 268-62-A-38

WØDSP (WØs DSP UIT)

28,885- 218-53-A-23

WØWDK (WØs WDK YSE)

27,022- 240-59-B-38

WØQQH (WØs QQH USP)

26,469- 193-55-A-37

WØLNI (7 oprs.)

11,266- 132-43-B-14

### Kansas

WØIUB... 101,360- 637-64-A-30

WØBCI... 80,400- 480-67-A-24

(Continued on page 158)

WØDEP... 67,558- 443-61-A-30  
 WØWMH... 60,300- 402-60-A-34  
 WØBYV... 41,340- 345-60-B-29  
 WØYRN... 37,048- 258-58-A-26  
 WØUAT... 32,445- 206-63-A-17  
 WØUNT<sup>9</sup>... 32,306- 296-58-B-26  
 WØIPQ... 32,063- 226-57-A-15  
 WØCHJ... 32,060- 230-56-A-21  
 WØVFE... 23,000- 200-46-A-30  
 WØAWB... 22,418- 183-49-A-15  
 WØVWZ... 22,380- 189-48-A-16  
 WØLUH... 20,585- 179-46-A-22  
 WØFKO... 20,273- 159-51-A-20  
 WØTSA... 14,728- 137-43-A-10  
 WØFDJ... 11,835- 132-45-B-17  
 WØQWM... 8400- 96-35-A-26  
 WØRXM... 2970- 54-22-A- 9  
 WØYGF... 2520- 48-21-A-11  
 WØGBP... 1898- 33-23-A- 8  
 WØCFH... 1650- 32-22-A- 8  
 KNØBXF... 1126- 30-17-A-12  
 WØJFG... 756- 21-18-B- 6

#### *Missouri*

WØTDR... 85,444- 549-63-A-39  
 WØEZU... 85,120- 675-64-B-36  
 WØGVI... 82,143- 494-66-A-38  
 WØLLU... 70,294- 410-69-A-36  
 WØPW<sup>N</sup>... 68,588- 454-62-A-40  
 WØFIN... 63,920- 405-64-A-39  
 WØQWS... 53,795- 378-58-A-40  
 WØPUV... 53,616- 365-59-A- -  
 WØYJM... 52,313- 353-62-A-37  
 WØTW<sup>H</sup>... 38,763- 337-59-B-26  
 KØAEI... 28,928- 200-58-A-40  
 WØECE... 11,330- 107-44-A-13  
 WØYPB... 10,550- 109-40-A-25  
 WØWWJ... 10,540- 138-31-A-14  
 KNØCHE... 4130- 62-28-A-30  
 WØWRB... 3281- 53-25-A-12  
 WØKIK... 608- 27- 9-A-12  
 WØETW... 180- 9- 8-A- 1  
 WØMSA (WØs MSA MSB)  
     68,550- 468-60-A-30  
 WØEEE (7 oprs.)  
     56,715- 503-57-B-26  
 WØFLN (W9SBW, WØs TGI  
     WRB)  
     193- 11- 7-A- 2

#### *Nebraska*

WØCIO... 92,625- 570-65-A-38  
 WØDW... 78,894- 489-65-A-40  
 WØWLO... 24,274- 239-53-E-25  
 WØBUR... 12,941- 102-51-A-13  
 WØYRY... 11,193- 121-37-A-21  
 WØZIN... 7830- 89-36-A-22  
 WØUJK... 6885- 81-34-A-20  
 WØUJR... 663- 27-10-A- 7

### **NEW ENGLAND DIVISION**

#### *Connecticut*

W1TYQ... 125,175- 726-69-A-39  
 W1BIH... 105,840- 594-72-A-36  
 W1AW<sup>10,11</sup>  
     105,000- 750-70-B-32  
 W1ZDP<sup>11</sup>... 100,300- 593-68-A-30  
 W1QIS<sup>11</sup>... 82,530- 526-63-A-38  
 W1UFW... 66,071- 420-63-A-24  
 W1FTX... 57,350- 315-73-A-22  
 W1ACR... 48,563- 408-50-A-40  
 W1LVQ<sup>11</sup>... 46,941- 401-47-A-19  
 W1SVS... 45,045- 347-52-A-27  
 W1VGH... 40,612- 286-71-B-29  
 W1CDD... 27,560- 212-52-A-34  
 W1FEA... 24,271- 307-39-A-29  
 W1ILV... 23,359- 249-47-B-23  
 W1EQ... 22,680- 145-63-A-22  
 W1AMY... 20,900- 221-38-A-22  
 W1VKZ... 17,508- 149-47-A-23  
 W1RFC... 17,000- 200-34-A-16  
 W1GVK... 16,080- 174-48-B-15  
 W1NJM<sup>11</sup>... 15,655- 202-31-A-11  
 W1WVV... 14,280- 180-32-A-18  
 W1ANU... 13,895- 210-28-A-21  
 W1ADW... 13,324- 162-33-A-17  
 W1NLM... 12,636- 162-39-B-16  
 W1HMP... 10,560- 120-44-B-15  
 W1TCJ... 9520- 120-32-A-11  
 W1HV... 8044- 59-55-A-12  
 W1BEM... 7540- 106-29-A-20  
 W1EFW... 5583- 77-29-A- 6  
 W1UED<sup>11</sup>... 4801- 85-23-A-11  
 W1BDI<sup>11</sup>... 4260- 71-30-B- 7  
 WN1EWS... 2100- 43-20-A-14  
 W1CSM... 1398- 43-13-A- 6  
 W1QJL... 1328- 30-18-A- 5  
 W1FGF<sup>11</sup>... 1073- 39-11-A-12  
 W1RFJ... 930- 31-12-A- 5  
 W1SPX... 784- 28-14-B- 6  
 WN1DHP... 5- 2- 1-A- 2

#### *Maine*

W1IKE... 58,225- 344-68-A-30  
 W1CV... 40,796- 352-62-B-35  
 W1NXX... 32,988- 203-65-A-17  
 W1TVB... 20,976- 228-46-B-26  
 K2ACF/1... 6060- 101-24-A-32  
 W1SWX... 3824- 81-19-A- 8  
 W1BBB... 63- 5- 5-A- 1

#### *Eastern Massachusetts*

W1YMA/1  
     112,890- 802-71-B-37  
 W1RND... 102,638- 597-69-A-40

W1WLW... 94,875- 550-69-A-37  
 W1CWX... 88,987- 610-73-B-39  
 W1TW... 88,200- 504-70-A-32  
 W1AQE... 77,675- 478-65-A-38  
 W1JSM... 68,759- 418-67-A-33  
 W1SAD... 67,060- 479-56-A-31  
 W1ONP... 46,480- 332-56-A-38  
 W1BOD... 45,293- 337-54-A-27  
 W1PEG... 44,340- 381-60-B-39  
 W1TVZ... 44,039- 366-49-A-25  
 W1MQV... 40,800- 272-60-A-28  
 W1AMQ... 40,328- 285-57-A-28  
 W1CFF... 39,401- 280-57-A-32  
 W1HJP... 38,280- 348-55-B-40  
 W1PWK... 37,040- 232-64-A-30  
 W1SSZ... 35,295- 273-52-A-36  
 W1RSR... 27,610- 251-44-A-27  
 W1NS... 22,063- 180-50-A-18  
 W1DLF... 19,270- 164-47-A-24  
 W1PLJ... 19,110- 156-49-A-33  
 W1EIQ... 18,800- 160-47-A-22  
 W1JYC... 18,484- 142-53-A-22  
 W1YVT... 14,231- 165-45-A-20  
 W1WLZ... 13,563- 144-38-A-12  
 W1FZG... 12,580- 136-37-A-20  
 W1PMT... 10,925- 115-38-A-18  
 W1MEG... 10,063- 115-35-A- -  
 W1LQQ... 9034- 120-33-A- 9  
 W1BPW... 8156- 116-29-A-22  
 W1JVZ... 7268- 86-34-A-14  
 W1DWH... 6308- 87-29-A-17  
 W1VJE... 6090- 103-24-A-32  
 W1HEB... 5390- 98-22-A-24  
 W1IFM... 4750- 100-19-A-17  
 W1JCE... 4290- 66-26-A-10  
 W1DFY... 3185- 50-26-A- 7  
 WN1FRR\*... 1620- 36-18-A-24  
 W1FQG... 1305- 29-18-A- 5  
 W1CMW... 1275- 34-15-A- 9  
 W1ZFS... 1224- 36-17-B- 8  
 W1IKT... 885- 30-12-A- 5  
 W1KIN... 550- 22-10-A- 5  
 WN1GN... 438- 26- 7-A-16  
 W1IIP... 425- 17-10-A- 9  
 W1VTT... 256- 18- 8-B- 7  
 W1AAC... 195- 13- 6-A- 3  
 W1FOG... 158- 9- 7-A- 4  
 WN1FMW... 83- 11- 3-A- 9  
 W1LNX... 70- 7- 4-A- 6  
 WN1EQM... 8- 4- 1-A- 3  
 W1ZHA... 3- 1- 1-A- -  
 WN1EPF... 1- 1- 1-A- -  
 W1AEG (W1s AEG DWH)  
     161- 13- 7-B-11

#### *Western Massachusetts*

W1JYH... 124,200- 691-72-A-39  
 W1WEF... 38,350- 520-59-A-28  
 W1BFF... 30,080- 270-47-A-21  
 W1AZW... 10,266- 191-43-A-17  
 W1DWA... 6313- 101-25-A-14  
 W1HLY... 3895- 84-19-A- 7  
 WN1FSJ... 23- 3- 3-A- 2

#### *New Hampshire*

W1BFT... 132,475- 757-70-A-34  
 W1ARR/1

110,950- 634-70-A-36

W1IP... 11,305- 133-34-A-13  
 W1DAE... 7508- 118-26-A-22  
 W1YZL... 6630- 80-34-A- -  
 W1DYE... 5111- 76-29-A-14  
 W1AIJ... 1472- 46-16-B- 9  
 W1CVK... 128- 9- 6-A- 2  
 W1ULU... 15- 3- 2-A- 3  
 W1RVQ... 3- 1- 1-A- -

#### *Rhode Island*

W1CJH... 82,913- 505-66-A-32  
 W1ZFV... 61,620- 522-60-B-39  
 W1VBR... 42,525- 316-54-A-36  
 W1LQA... 37,620- 317-48-A-27  
 W1UTA... 30,625- 250-49-A-25  
 W1OMC... 25,860- 216-60-B-26  
 W1RFQ... 19,549- 201-39-A-33  
 W1BIL... 13,323- 73-73-A-13  
 W1AWE... 13,200- 110-48-A-24  
 W1SXX... 8786- 93-38-A-19  
 W1CMH... 6930- 132-21-A-17  
 W1DED... 4355- 67-26-A-15  
 W1UZE... 3696- 66-28-B- 7  
 W1AQ... 1530- 37-17-A- -  
 W1TXG (W1s TXG VWQ)  
     7656- 119-33-B-14

#### *Vermont*

W1QMM... 69,912- 486-72-B-39  
 W1UGW... 46,650- 312-60-A-22  
 W1RWP... 24,416- 218-56-B-18  
 WN1FDT... 813- 26-13-A-11

### **NORTHWESTERN DIVISION**

#### *Alaska*

KL7EVR... 26,455- 208-52-A-21  
 KL7CF... 15,850- 164-40-A-18

#### *Idaho*

W7UDG... 73,920- 507-64-A-40  
 W7HAH... 27,216- 257-54-B-20  
 W7VWS... 15,625- 125-50-A-20  
 W7WCK... 7688- 100-39-B-15

#### *Montana*

W7KVU... 231,593-1270-73-A-40  
 W7WAW... 33,630- 302-57-B-37

(Continued on page 160)

W7LER... 11,275- 110-41-A-24  
W7VGZ... 7040- 94-32-A-18  
WN7ARP... 150- 10- 6-A- 8

Oregon

W7TML... 77,420- 559-70-B-37  
W7AXJ... 56,440- 415-68-B-38  
W7UHK... 52,350- 349-60-A-38  
W7LT... 26,500- 212-50-A-32  
W7WLL... 14,795- 136-44-A-14  
W7HBO... 7704- 109-36-B- 5  
WN7AOZ... 7648- 83-38-A-32  
W7JMW... 4020- 69-24-A-10  
W7QMK... 3219- 55-25-A-12  
W7AQK... 1640- 41-16-A-15  
W7QNI... 1520- 49-16-B-15  
WN7ZBW... 1088- 33-15-A-10  
W7WHY... 270- 12- 9-A- 6

Washington

W7NLI... 113,575- 649-70-A-35  
W7GWD... 105,788- 606-70-A-37  
W7PQE... 103,968- 728-72-B-40  
W7AJS... 69,550- 538-65-B-32  
W7LEV... 42,775- 301-58-A-26  
W7YAQ... 41,671- 322-53-A-38  
W7PDU... 33,975- 229-60-A-30  
W7VRO... 29,185- 226-52-A-29  
W7JC... 27,188- 189-58-A-22  
W7VPT... 25,200- 180-56-A-19  
W7USO... 19,552- 188-52-B-18  
W7WMY... 12,600- 123-42-A-23  
W7WQO... 12,128- 159-33-A-24  
W7SXM... 12,065- 127-38-A-24  
W7FZB... 9494- 109-35-A-19  
W7MTY... 8118- 96-34-A-22  
W7FVI... 7634- 100-31-A-14  
W7QLH... 7425- 90-33-A-24  
W7WXM... 7275- 103-30-A-27  
W7UEL... 6525- 75-45-B-16  
W7SXN... 5851- 76-31-A-13  
W7BCO... 5656- 102-28-B-14  
K4BCT/7... 5198- 63-33-A- -  
W7ETO... 5003- 69-29-A-12  
W7JJI... 4691- 70-27-A-17  
W7HVM... 3673- 57-26-A- 9  
W7TIQ... 3255- 62-21-A-18  
WN7ZOI\*... 1540- 40-16-A-20  
WN7YTN... 1268- 46-13-A-35  
WN7ZVV... 238- 24- 5-A-14  
W7EUY... 198- 11- 9-B- 4  
W7JLF... 130- 13- 4-A- 6  
W3UYN/7... 63- 5- 5-A- 3  
W7VKZ (W7VKZ, WN7ZVY)  
3623- 63-23-A-17

PACIFIC DIVISION

Hawaii

KH6IJ... 82,928- 584-71-B-40  
KH6BCT... 3055- 48-26-A-11

Nevada

W7KEV... 164,250- 918-72-A-40  
W7VIU... 25,056- 216-58-B-28  
W7MVP... 6000- 100-30-B-26  
W7TVF... 5513- 63-35-A- 9  
WN7YNO... 700- 20-14-A-10

Santa Clara Valley

W6UTV... 91,413- 515-71-A-35  
W6GWW... 83,160- 594-70-B-38  
W6GMF... 48,819- 269-73-A-33

K6DYY... 39,550- 285-56-A-36  
W6LDO... 36,150- 242-60-A-31  
W6CLZ... 15,030- 167-36-A-28  
W6MMG... 3508- 61-23-A- 6  
K6JTG... 2993- 68-18-A- 7  
KN6LSG... 135- 9- 6-A- -  
KN6JWZ... 8- 2- 2-A- 4

East Bay

W6TT... 120,158- 823-73-B-39  
K6GS... 73,658- 428-69-A-37

W6IPH... 49,270- 379-65-B-25  
K6AUC... 41,024- 324-64-B-32  
W6UZX... 38,106- 262-73-B-26  
K6EPC... 12,150- 181-27-A-30  
W6FAR... 1220- 27-18-A- 5  
W6OJW... 225- 10- 9-A- 1  
KN6ONK... 2- 1- 1-A- 1

San Francisco

W6BIP... 84,680- 580-73-B-34  
W6EYY... 46,684- 320-59-A-25

W6YC... 38,082- 290-66-B-28  
W6JRH... 18,245- 178-41-A-30  
W6OST... 1045- 38-11-A-12

Sacramento Valley

W6HIR... 53,219- 330-65-A-34  
K6EDE... 45,368- 263-69-A-39  
W6PJB... 26,220- 220-48-A-38  
W6MYT... 25,536- 224-57-B-31  
W6CIS... 24,696- 196-63-B-21  
W6JBP... 22,631- 180-51-A-40  
K6CNE... 19,000- 200-38-A-34  
W6OPY... 16,390- 153-44-A-17  
KN6MMR... 1663- 36-19-A-29  
KN6KLK... 455- 15-13-A-10

San Joaquin Valley

W6MPG... 68,793- 501-69-B-36  
W6KIG... 55,656- 390-72-B-37  
W6EGX... 36,438- 207-55-A-37  
W6UPS... 34,595- 322-55-B-39  
K6HFA... 7140- 84-34-A-11

W6QXF... 3263- 45-29-A- -  
W6MYP... 2050- 41-25-B- 2  
KN6KRP... 41- 6- 3-A- 5  
K6GTT... 15- 3- 2-A- 3  
K6BLL (10 oprs.)

131,400- 723-73-A-35

ROANOKE DIVISION

North Carolina

W1RAN/4

113,330- 810-70-B-37

W4LYV... 80,763- 460-71-A-37

W4EJP... 73,575- 497-60-A-40

W4UXI... 36,013- 215-67-A-15

K4ARP... 25,628- 203-51-A-25

W4GIM... 20,194- 182-45-A-31

W4AFM... 19,238- 171-45-A-15

W4REZ... 18,191- 149-49-A-14

W4IGE... 14,720- 130-46-A-20

W4RFB... 12,390- 118-42-A-24

KN4BFJ... 1316- 30-19-A-15

K6MUG/4... 1050- 28-15-A- 3

South Carolina

W4GQE... 83,243- 509-66-A-34

W4BWZ... 60,165- 386-63-A-40

W4FGX... 60,150- 401-60-A-38

W4HGW... 38,403- 319-49-A-40

W4PED... 24,426- 207-59-B-21

W4HOZ... 20,085- 206-39-A-17

W4AKC... 19,880- 250-40-B-13

K4AVU... 8444- 102-35-A-25

KN4DFR\*... 8313- 92-38-A-32

W4FNS... 4563- 87-27-B- 3

K4GJS... 2594- 46-25-A-23

W4GCB... 875- 25-14-A- 2

KN4ECS... 641- 32- 9-A-13

KN4EAW... 340- 21- 8-A- 8

KN4GIE... 113- 9- 5-A- 5

Virginia

W4KFC... 208,871-1149-73-A-40

W4PNK... 142,806- 786-73-A-40

W4CC... 140,000- 800-70-A-40

W4BZE... 108,000- 675-64-A-32

W4JUQ... 106,600- 679-65-A-38

W4JAT... 104,400- 580-72-A-39

W4YZC... 102,294- 630-65-A-35

W4IA... 95,130- 530-72-A-31

W4TKR... 94,875- 552-69-A-40

W4GF... 78,750- 525-60-A-30

W4TFX... 77,884- 455-69-A-29

K4GPF... 67,890- 552-62-B-38

W4AMZ... 65,400- 436-60-A-36

W4FPX... 60,720- 352-69-A-30

W4WRM... 58,026- 385-61-A-37

K4GMX... 56,234- 454-62-B-37

W4KXV... 53,985- 354-61-A-17

W4WBC... 49,290- 318-62-A-32

W4ZM... 41,600- 320-52-A-26

W4BFR... 36,140- 279-65-B-23

W4JUJ... 35,064- 244-72-B-21

W1RWR/4

32,925- 246-45-A-26

K4ASU... 27,594- 219-63-B-21

W4APM... 26,438- 225-47-A-16

W4CHK... 20,355- 177-46-A-18

K4BND... 17,989- 186-39-A-36

W4FJ... 15,552- 145-54-B-14

K4DBC... 15,373- 143-43-A-19

KN4CQA/4

12,968- 145-42-A-39

K4ATD... 9180- 107-36-A-19

W4OFR... 3030- 51-24-A- 8

K4DVC... 2366- 46-26-B-13

W4EZB... 665- 19-14-A- 3

W4YE... 300- 12-10-A- 1

W4KUJ... 84- 7- 6-B- 1

K4BJU (K4s BBR BJU)

19,950- 235-35-A- -

West Virginia

W8UMR... 74,018- 417-71-A-32

W8UYR... 62,434- 506-62-B-38

W8SMF... 51,698- 354-61-A-36

W8TDG... 40,600- 280-58-A-26

W8PBO... 32,963- 301-45-A-33

W8SNP... 22,601- 185-49-A-23

W8JWX... 12,225- 163-30-A-12

WN8EYP\*... 4140- 69-24-A-22

WN8VMM... 2020- 56-16-A- -

W8MLX... 1843- 35-22-A- 8

WN8BZY... 1188- 30-19-A-16

WN8ADE... 50- 5- 4-A- 2

ROCKY MOUNTAIN DIVISION

Colorado

W0CDP... 90,630- 505-72-A-36

W0SGG... 41,681- 295-57-A-31

W0IA... 33,060- 233-57-A-27

K0CSW... 30,378- 253-61-B-20

W0YAR... 14,196- 142-41-A-28

W0NLF... 506- 25-11-B- 6

Utah

W7QDM... 90,649- 532-69-A-40

W7TTM... 40,703- 312-54-A-38

Wyoming

W7PSO... 76,976- 575-68-B-31

W7HRM... 40,260- 305-66-B-21

W7UF... 5625- 79-30-A- 8

W7PM... 3031- 49-25-A- 6

(Continued on page 162)

## SOUTHEASTERN DIVISION

### Alabama

W4RAL . . . . . 57,200- 420-55-A-33  
 W4WOG . . . . . 50,490- 308-66-A-27  
 W4UHA . . . . . 32,279- 264-49-A-24  
 W4RLG . . . . . 8018- 110-38-B-15  
 W4EJZ . . . . . 1750- 35-20-A- 4  
 K4AIW . . . . . 1445- 39-17-A-13

### Eastern Florida

W4LVV . . . . . 110,220- 677-66-A-40  
 W4WHK . . . . . 89,505- 527-68-A-40  
 W4LOM . . . . . 45,458- 317-58-A-21  
 K4DUH . . . . . 45,050- 345-53-A-27  
 W4SHW . . . . . 44,265- 346-52-A-23  
 W4DXL . . . . . 20,915- 181-47-A-17  
 W4RTX . . . . . 15,840- 144-44-A-14  
 W4QLC . . . . . 5120- 65-32-A-11  
 K4DAS . . . . . 4703- 59-33-A-17  
 KN4CMB . . . . . 4168- 58-29-A-22  
 W4EQQ . . . . . 3500- 58-25-A-14  
 W4UHC (W4UHC, K4AHA)  
     28,440- 237-48-A-30

### Western Florida

W4WKQ . . . . . 107,355- 641-68-A-40  
 W4YUU . . . . . 53,350- 405-55-A-31

### Georgia

W4ZKU . . . . . 53,952- 422-64-B-32  
 W4BKV . . . . . 53,865- 381-57-A-38  
 W4BYJ . . . . . 50,325- 344-60-A-29  
 K4BAI . . . . . 46,920- 391-60-B-24  
 W4DXF . . . . . 27,000- 247-45-A-27  
 W4GGD . . . . . 26,903- 211-51-A-23  
 W1ZVG/4 . . . . . 26,215- 223-49-A-17  
 W4HYW . . . . . 25,850- 262-50-B-18  
 K4DAP . . . . . 21,715- 221-43-A-28  
 W4EGP . . . . . 14,248- 143-41-A-30  
 W4HYV . . . . . 11,803- 161-37-B-16  
 W4PLD . . . . . 9840- 123-32-A-22  
 K4AJI . . . . . 6392- 94-34-B- -  
 W4GSP . . . . . 3290- 49-27-A- 4  
 KN4CRQ . . . . . 19- 3- 3-A- 3

### West Indies

KP4DH . . . . . 22,150- 223-50-B-17  
 CO8DL . . . . . 3780- 108-14-A-24

### Canal Zone

KZ5BC . . . . . 22,680- 217-54-B-18  
 KZ5NB . . . . . 6745- 72-38-A-14  
 KZ5LC . . . . . 3863- 52-30-A- 5

## SOUTHWESTERN DIVISION

### Los Angeles

W6BJU<sup>12</sup>. 189,990-1060-72-A-39  
 W6NWL . . . . . 131,583- 730-73-A-39  
 K6CJQ . . . . . 118,038- 667-71-A-40  
 K6CEF . . . . . 89,250- 510-70-A-25  
 K6GUZ . . . . . 68,425- 404-68-A-32  
 K6ELX . . . . . 43,234- 292-63-A-26  
 K6DNH . . . . . 40,563- 275-59-A-21  
 K6BYB . . . . . 37,050- 252-60-A-35  
 K6ELL . . . . . 30,820- 269-46-A-39  
 K6BNV . . . . . 30,668- 261-47-A-29  
 W6SRT . . . . . 26,220- 230-57-B-29  
 K6OHM . . . . . 24,300- 218-45-A-30  
 W6NKR . . . . . 24,200- 176-55-A-13  
 K6IMF . . . . . 24,063- 194-50-A-31  
 W6QXH . . . . . 21,965- 192-46-A-21  
 K6AUZ . . . . . 16,626- 163-51-B-11  
 K6ASL . . . . . 15,400- 154-40-A-19  
 K6FCY<sup>13</sup> . . . . . 11,890- 116-41-A-10  
 W6MJP . . . . . 11,711- 120-49-B-15  
 W8SVL/6 . . . . . 10,268- 111-37-A-27  
 W6UED . . . . . 10,050- 134-30-A-10  
 W6UUC . . . . . 9453- 101-38-A-12  
 K6EEZ . . . . . 9450- 105-36-A-16  
 W6QNI . . . . . 9343- 102-37-A-23  
 K6IQF . . . . . 9158- 100-37-A-27  
 K6DTJ . . . . . 8160- 110-32-A-21  
 W6FEB . . . . . 7085- 109-26-A-16  
 K6DQE . . . . . 5863- 68-35-A-14  
 W6WSV . . . . . 5490- 62-36-A-15  
 W6ACL . . . . . 5460- 78-28-A- 9  
 K6CXF . . . . . 5093- 97-21-A- -  
 K6DAS . . . . . 3806- 53-29-A- 7  
 K6JBV . . . . . 3658- 69-22-A-21  
 W6KHS . . . . . 3045- 42-29-A- 5  
 W6LVQ . . . . . 2625- 50-21-A- 8  
 K6HID . . . . . 2100- 42-20-A-17  
 K6DNX . . . . . 1640- 41-16-A- 6  
 KN6IYJ\* . . . . . 1509- 38-17-A-13  
 W6PDF . . . . . 1400- 40-14-A-14  
 K6DDO . . . . . 1200- 30-16-A- 5  
 KN6KZY . . . . . 810- 27-12-A-22  
 W6RNA . . . . . 688- 25-11-A- 3  
 W6ZOL . . . . . 468- 17-11-A- 2  
 W6YZW . . . . . 220- 12- 8-A- 2  
 K6DNY . . . . . 80- 8- 4-A- 1  
 KN6JRR . . . . . 50- 5- 4-A- 4  
 W6AM . . . . . 8- 2- 2-B- 1  
 K6OIZ (K6s DNX DNY OIZ)  
     70,000- 400-70-A-38  
 K6HMO (K6s HMO KDE  
     KJA) . . . . . 10,308- 133-31-A-30

### Arizona

W7VMP<sup>14</sup> . . . . . 141,036- 971-73-B-40  
 W7QAP . . . . . 50,763- 332-62-A-19

W7PUV . . . . . 1900- 38-20-A- 5  
 WN7ZJW . . . . . 1000- 29-16-A- 8  
 WN8WMM/7

750- 22-15-A-17

W7MLL (W7s MLL QAP)  
     23,121- 175-53-A-16

### San Diego

W6JVA . . . . . 73,675- 427-70-A-37  
 K6EBH . . . . . 49,298- 313-63-A- -  
 W6CRT . . . . . 43,253- 239-73-/-24  
 W6NLK . . . . . 30,875- 236-52-A-32  
 W4UOA/6 . . . . . 20,800- 208-40-A-33  
 K6ESX . . . . . 12,383- 128-39-A-24  
 K6LXL . . . . . 8001- 93-37-A-21  
 K6HFK . . . . . 2965- 57-21-A-10  
 K6EJK . . . . . 2233- 48-19-A-22  
 K6CTQ . . . . . 1475- 30-20-A- 3  
 K6DGB . . . . . 1260- 28-18-A- 3  
 KN6LIV . . . . . 1058- 25-18-A-16  
 K6IWU . . . . . 173- 12- 6-A- 3

### Santa Barbara

W6YK . . . . . 63,190- 457-71-B-36  
 W6ISQ . . . . . 45,013- 277-65-A-23  
 K6CST<sup>15</sup> . . . . . 30,128- 270-56-B-35  
 W6DTY . . . . . 20,800- 211-40-A-24  
 W6ULS . . . . . 17,531- 140-51-A-12  
 W6OTO . . . . . 10,545- 113-38-A-15  
 W6AGO . . . . . 9116- 106-43-B- -  
 KN6ONX . . . . . 2809- 68-21-A-33  
 W6FYW . . . . . 2100- 42-20-A-11  
 W6BHZ (W6TTX, K6BRF)  
     7585- 104-37-B-12

## WEST GULF DIVISION

### Northern Texas

W5BJA . . . . . 129,575- 712-73-A-38  
 W5CAY . . . . . 113,850- 702-66-A-38  
 W5DYK . . . . . 94,116- 682-69-B-40  
 W5CUO . . . . . 85,320- 474-72-A-37  
 W5DXW . . . . . 74,205- 441-68-A-40  
 W5AWT . . . . . 67,402- 511-67-B-34  
 W5OC . . . . . 60,000- 400-60-A-31  
 W5JD . . . . . 57,630- 339-68-A-35  
 W5IEU . . . . . 51,850- 305-68-A-28  
 W5LOT . . . . . 51,590- 309-67-A-30  
 W5HIS . . . . . 43,320- 310-57-A-22  
 W5QF . . . . . 25,600- 200-64-B-20  
 W5FTD . . . . . 22,846- 191-49-A-28  
 W5FIY . . . . . 19,690- 188-44-A-37  
 W5IDU . . . . . 19,355- 159-49-A-23  
 W5CF . . . . . 12,382- 151-41-B-15  
 W5EZJ . . . . . 12,148- 115-43-A-24  
 W5STI . . . . . 10,725- 110-39-A-22  
 W5EOZ . . . . . 6600- 80-33-A-15  
 W5LR . . . . . 6476- 80-33-A-20  
 W5AHC . . . . . 6433- 85-31-A- 7  
 KN5BKH\* . . . . . 6150- 87-30-A-26  
 W5ILN . . . . . 5580- 72-31-A- -  
 W5FEA . . . . . 3875- 50-31-A-11  
 W5FEG . . . . . 2900- 41-29-A-16  
 WN5JRE . . . . . 540- 20-12-A-20  
 KN5BZF . . . . . 438- 23-10-A-19

### Oklahoma

W5CYQ . . . . . 47,989- 289-67-A-35  
 W5NQF . . . . . 38,498- 271-58-A-27  
 W5GXH . . . . . 26,260- 204-52-A-19  
 W5ZQU . . . . . 23,288- 203-46-A-21  
 W5HAL . . . . . 10,328- 122-34-A-25  
 W5LPL . . . . . 7605- 79-39-A- 6  
 W5FEC . . . . . 4241- 61-29-A- 4  
 KN5CBA . . . . . 1900- 44-19-A-26  
 KN5BBE . . . . . 106- 12- 5-A- 9

### Southern Texas

W5BTS . . . . . 112,180- 635-71-A-39  
 W5FZA . . . . . 97,155- 573-68-A-32  
 W5HHO . . . . . 56,817- 488-59-B-32  
 W5BLA . . . . . 40,093- 277-58-A-36  
 W5YXW . . . . . 32,303- 222-59-A-25  
 W5ZWR . . . . . 2760- 46-30-B- 3  
 KN5AXN . . . . . 1080- 34-16-A-14  
 K5BSZ . . . . . 560- 32- 7-A-15  
 W5PM . . . . . 270- 12- 9-A- 3

### New Mexico

W5DWT . . . . . 176,613-1008-71-A-39  
 K5CAW . . . . . 116,190- 650-72-A-40  
 W5KWP . . . . . 36,053- 253-57-A-24  
 W5FTP . . . . . 19,085- 174-55-B-16  
 W5GCI . . . . . 16,875- 158-45-A-24  
 W5CA . . . . . 1540- 28-22-A- 2  
 W5GEM (W5s KKW SUC  
     UDM, K5ATV, K6DRF)  
     56,666- 508-58-B-39

## CANADIAN DIVISION

### Maritime

W2BRA/VO6 . . . . . 16,526- 172-39-A-23  
 VE1CU . . . . . 12,440- 156-40-B-23  
 VO6N . . . . . 12,096- 112-54-B-15  
 VE1DB . . . . . 2760- 46-24-A- 8  
 VE1AAF . . . . . 150- 10- 6-A- 2  
 VO6U . . . . . 2- 1- 1-A- -

### Quebec

VE2YU . . . . . 70,898- 414-69-A-36  
 VE2YA . . . . . 58,880- 421-70-B-32  
 VE2CP . . . . . 38,588- 316-49-A-31  
 VE2ADD . . . . . 37,570- 222-68-A-27  
 VE2AQO . . . . . 12,920- 136-38-A-16  
 VE2PZ . . . . . 7866- 104-38-B- -

(Continued on page 164)

VE2OL	....	7175-	70-41-A- 8	<i>Manitoba</i>
VE2ADG	....	1260-	34-16-A-11	VE4RC.... 34,350- 232-60-A-31
				VE4GB.... 2640- 45-30-B- 7
				<i>Saskatchewan</i>
				VE5DZ.... 24,084- 232-54-B-32
				<i>Alberta</i>
				VE6NX.... 50,820- 363-70-B-31
				VE6MA.... 24,625- 200-50-A-26
				VE6SX.... 16,720- 153-44-A-30
				VE6DU.... 2625- 42-25-A- 7
				<i>British Columbia</i>
VE3DRD	..	78,275-	510-62-A-38	VE7ZK.... 108,500- 621-70-A-39
VE3ES	..	73,571-	427-69-A-37	VE7AC.... 22,032- 204-54-B-28
VE3DSU	..	67,320-	510-66-B-40	VE7JO.... 21,450- 165-52-A-20
VE3EAM	..	60,800-	380-64-A-29	VE7LB.... 3915- 55-29-A- 6
VE3ASD	..	56,513-	411-55-A-36	VE7JL.... 2475- 46-22-A-13
VE3EU	..	46,004-	371-62-B-30	VE7AGN.... 2040- 69-12-A-15
VE6BHS	..	41,828-	255-66-A-25	
VE3BXF	..	34,425-	256-54-A-32	
VE3ACB	..	26,880-	192-56-A-18	
VE3YV	..	26,562-	233-57-B-26	
VE3DNE	..	14,500-	116-50-A-26	
VE3DH	..	12,510-	140-45-B-18	
VE3BUR	..	8738-	117-30-A- 6	
VE3UT	..	7280-	104-28-A-11	
VE3WY	..	6825-	70-39-A-10	
VE3AUU	..	5832-	81-36-B- 8	
VE3BLY	..	5688-	91-25-A-19	
VE3DNR	....	23-	3- 3-A- 3	<i>Yukon</i>
VE3DSG	....	2-	1- 1-A- 1	VE8OI.... 16,231- 134-49-A-26

<sup>1</sup> W3PST, opr. <sup>2</sup> W3HXN, opr. <sup>3</sup> W2WOE, opr. <sup>4</sup> W1AJX,  
 opr. <sup>5</sup> WØHAW, opr. <sup>6</sup> W2LGG, opr. <sup>7</sup> W8DJN, opr. <sup>8</sup> W8JIA,  
 opr. <sup>9</sup> WØFCL, opr. <sup>10</sup> W1WPR, opr. <sup>11</sup> Hq. Staff, not eligible  
 for award. <sup>12</sup> W6CUF, opr. <sup>13</sup> W6CRV, opr. <sup>14</sup> W7VMQ, opr.  
<sup>15</sup> W3RNY, opr.

ARRL thanks the following amateurs for submitting  
 their logs for checking purposes: W2DQN, W4EBH, *W5s*  
*BNL BNP EUQ IQO, W6s HOC NKT, K6AYB, W7WSE,*  
*W8PQQ, W9CR, VE3DZB, VE7RU.*