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Title: Sweepstakes Results Part I--C.W.

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23rd ARRL Sweepstakes Results

Part I — C.W.

ONE THING about the SS: the rules are simple as mud and you can learn the ropes in thirty minutes on the air. You swap NR4 W6XXX 579 SF NOV11-type preambles as often as possible. For the two points per contact (before any multipliers) the five "message" elements must be rogered for in both directions. Which means you have to *communicate*. Now every amateur worth his salt loves communicating and so you never run out of customers, even when you stick at it for the 40-hour maximum. And coming in 15th or 25th can be as much fun as leading the section, provided one lands new states or doubles his code speed or makes the "clean sweep" — and there are 101 other ways to get your feet wet in the SS and have a whale of a time.

Inasmuch as every recent SS has been bigger than the one before, followers of contests will scarcely swoon at the news that the 23rd smashed all past records with 1960 entries (1435 c.w., 525 phone) present and accounted for. The facing tabulation identifies the 73 brasspounders who came, saw and conquered in their respective ARRL sections in 1956. If you were a winner, FB and congratulations! If not, maybe you'll want to study the meat in this report and enhance your chances of becoming one in November, 1957. For one thing, take note of the wide play that ten and 15 meters are getting as the solar-peak days approach.

Scorewise, the prevailing winds were from the South, it would seem, as just three entrants registered scores of 200K-plus and all were Fours. They have thousands of SS manhours behind them and you will recognize their calls: W4KVX, W4KFC, K4LPW (better known as ex-W3DGM). Their scores were 227,213, 219,000 and 204,660. You will also recognize these others who netted above 150,000 points: W6BJU (W6CUF keying) 198,000, W3EIS 185,670, W8FGX (W8EZF opr.) 182,568, W9YFV 180,720, W9OCB (multi-operator) 178,588, W9APY 176,138, W8LQA 174,600, W7KEV 173,649, W1BFT 172,885, W4YHD 165,710, W3VOS 162,360, W9RQM 161,350, W6YMD 157,096, W3JNQ 156,023, W3EIV 155,845, K6JQJ 153,658, W3MSR 153,270, W3AEL 152,575, K6CEF 151,840. Canada's champs proved to be VE3DSU 110,513, VE3VX 85,593, VE3EAM 85,090, VE3ES 74,725, VE2ADD 64,417.

If you found Nevada, the odds are ten to one that this is the fellow who made it possible. Las Vegas' W7KEV held sway in his call area and always-rare section with a withering 173,649 points, the U. S. A.'s 11th best code total. Ed's formidable forward gain derives from this antenna farm: a 40-meter zepp.

VE8JW assumes the fighting stance with which he salted away 64,253 points, no cinch from aurora-ridden Whitehorse, Yukon. Earl, ex-VE4ALE-VE7ALE-VE7MW, anticipates more steam come next SS thanks to 14-Mc. horizontal and 7-Mc. vertical beams just completed.

The following call-area comparisons reflect the peak of competitive effort geographically:

W1BFT	172,885	KP4DH	100,328
W2CQB	134,575	KZ5BC	19,796
W3EIS	185,670	VE1CU	220
W4KVX	227,213	VE2ADD	64,417
K5CAW	138,006	VE3DSU	110,513
W6BJU	198,000	W3MCG/VE4	11,019
W7KEV	173,649	VE5DZ	39,329
W8FGX	182,678	VE6MA	51,975
W9YFV	180,720	VE7JO	47,250
W9CDP	129,666	VE8JW	64,253
KH6MG	92,140	VO6N	19,550
KL7MF	17,325		

The rarity of Vermont, Mississippi, and certain Canadian multipliers notwithstanding, these 27 amateurs contacted all 73 sections: *W1s* EOB HX JYH VG, W2IVS, K2KCE, *W3s* GRF MFJ PZW VAN, *W4s* BEY CVI IHN KFC KVX LYV YHD, *W6s* BIP BVM HOC PYH TT YMD, K6CEF, *W7s* KEV, TKB, WØCDP. It should be recorded for posterity that, by dint of placing diligent section-searching above all else, W4IHN swung the "clean sweep" in a measly 108 QSOs, W1HX did it in 130, and W7TKB in 212.

QST for

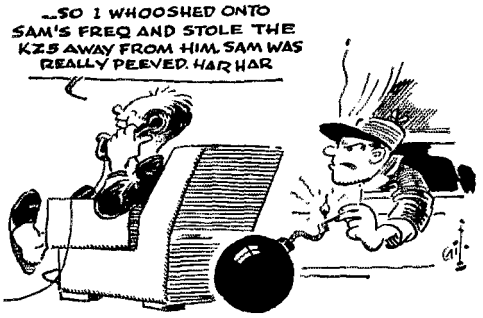
We should call attention to 17 bright-eyed newcomers who earned special Novice awards in their first crack at SSing: *WN1s* IUU IWQ, *KN2s* RCC RHQ SRA UPD, WN3FNH, KN4IEX, KN5EZV, *KN6s* PKJ QYG, *KN8s* AHO CPM, *KN9s* BZJ DWK, *KNØs* DSC EGJ.

C. W. WINNERS, 23RD A.R.R.L. SWEEPSTAKES

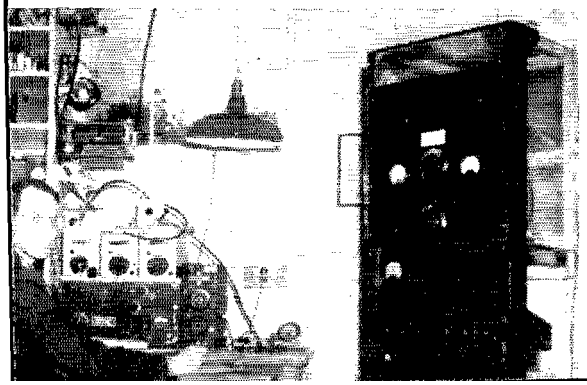
Section	*Call*	*Score*	*Transmitting Equipment*	*Receiving Equipment*	*Bands Used*
E. Penna.	W3JNQ	156,023	Lysco 600-813	HRO60	80, 40, 20, 15
Md.-Del.-D. C.	W3EIS	185,670	Command Sets-813	BC342, Q5er, c.c. conv. (10, 15)	80, 40, 20, 15, 10
S. N. J.	W2HDW	110,773	DX100	HQ140X	80, 40, 20
W. N. Y.	W2SSC	124,783	Ranger	75A3	80, 40, 20, 15, 10
W. Penna.	W3VIW	128,240	Sig. Shifter-813s	HQ129X, R9er, Q multiplier	80, 40, 20
Illinois	W9YFV	180,720	5100B	75A4	80, 40, 20, 15
Indiana	W9APY	176,138	VFO-807-4-125A	NC300	80, 40, 20, 15
Wisconsin	W9RQM	161,350	VFO-807-813	HRO50T	80, 40, 20, 15, 10
No. Dakota	KØCNC	32,745	Heath VFO, 6146	NC88, HQ100	80, 40, 20, 15, 10
So. Dakota	WØTLD	46,384	Ranger	NC183	80, 40, 20, 15, 10
Minnesota	WØRLI	127,925	Viking VFO-6AG7-6BQ6-811As	NC173, Q multiplier	80, 40, 20, 15
Arkansas	W5BYJ	48,400	Bud VFO-6AG7-1625	HQ129X	80, 40, 20, 10
Louisiana	W5YDC	127,090	HT20	NC183	40, 20, 10
Mississippi	W5FPI	49,500	TBS50C	S76	80, 40, 20, 15, 10
Tennessee	K4LPW	204,660	VFO-Viking I	HRO50T1	80, 40, 20, 15, 10
Kentucky	W4KVX	227,213	Meissner VFO-813	75A3	80, 40, 20, 15, 10
Michigan	W8OCK	125,650	VFO-Viking I	75A3, DB23	80, 40, 20, 15, 10
Ohio	W8FGX	182,678	310B-4-125A	HRO60 (mechanical filter)	80, 40, 20, 15
E. N. Y.	K2PIC	113,750	5100B	75A4, DB23	80, 40, 20, 15
N. Y. C.-L. I.	W2IVS	129,758	Ranger	NC300	80, 40, 20, 15, 10
N. N. J.	W2CQB	134,575	VFO-807-812s	NC300	80, 40, 20
Iowa	WØFZO	127,736	Cyclemaster-813	HQ129X	80, 40, 20, 15, 10
Kansas	WØIUB	113,693	VX101-813	HQ129X	80, 40, 20, 15, 10
Missouri	KØHEM	107,726	Ranger	NC300	160, 80, 40, 20, 15, 10
Nebraska	WØBUR	94,013	Viking I; 12AT7-2E26 (6 meters)	HQ129X, c.c. conv. (6)	80, 40, 20, 15, 6
Connecticut	W1TYQ	138,510	Viking II	75A4	80, 40, 20, 15
Maine	W1BCD	51,345	DX100	SX25	80, 40, 20, 10
E. Mass.	W1DDF/1	113,750	32V1	75A3	80, 40, 20, 15
W. Mass.	W1JYH	135,123	VFO-4-250A	Homebuilt	80, 40, 20, 15
N. H.	W1BFT	172,885	32V3	75A4, DB23	80, 40, 20, 15, 10, 6
R. I.	W1CJH	80,063	Viking II	75A1	80, 40, 20, 15, 10
Vermont	W1QMM	47,530	6AG7s-6L6-813	Homebuilt (triple conv.)	80, 20, 15
Alaska	KL7MF	17,325	AF67	SX25	20, 15
Idaho	W7WMO	53,520	DX35	NC45	40, 20, 15
Montana	W7VGZ	54,653	VF1-AT1-813	BC348P	80, 40, 20
Oregon	W7TML	101,010	VF1-AT1-813s	SX71	80, 40, 20, 15
Washington	W7GWD	114,210	VFO-2E26-814	Super Pro	40, 20, 15
Hawaii	KH6MG	92,140	Ranger	75A2	40, 20, 15, 10
Nevada	W7KEV	173,649	VFO-807-4-65A	HQ129X	40, 20, 15
Santa Clara V.	W6UTV	134,750	VFO-4X150B	HRO60	80, 40, 20
East Bay	W6PYH	129,666	32V3	75A4	80, 40, 20, 15, 10
San Francisco	W6BIP	107,164	VT127As p.a.	SX28A, Q5er	80, 40, 20, 15, 10
Sacramento V.	K6ORT	93,100	6AG7s-6V6-1625s	BC348, Q5er	80, 40, 20
San Joaquin V.	W6EFV	87,774	32V2	75A3	20, 15
No. Carolina	W4LYV	111,599	32V3	75A1	80, 40, 20, 15
So. Carolina	W4HGW	86,933	Viking I	HQ129X	40, 20, 15
Virginia	W4KFC	219,000	VFO-807-4E27	75A4	80, 40, 20, 15
W. Virginia	W8KWI	81,680	HT18-813	SX100	80, 40, 20
Colorado	WØCDP	129,666	DX100	SX71	80, 40, 20, 15
Utah	W7BAJ	67,538	DX100	SX100	40, 20, 15, 10
Wyoming	W7HYW	64,470	VFO-813-810s	75A3	20, 15
Alabama	W4WOG	58,823	5100	BC348N	80, 40, 20
E. Florida	W4SHW	83,573	Ranger	SX100	80, 40, 20, 15, 10
W. Florida	W4WKQ	103,125	Lysco 600-813	HQ140X	80, 40, 20
Georgia	K4BAI	100,969	6L6-807s-100THs	SP400X	80, 40, 20, 15
West Indies	KP4DH	100,238	6AH6-6C4-5763s-Viking II (modified)	HROM	40, 20, 15
Canal Zone	KZ5BC	19,796	813 p.a.	NC100, HF10-20	20
Los Angeles	W6BJU	198,000	Sonar XEC-4E27	75A2, DB23	80, 40, 20, 15
Arizona	W7CJZ	119,680	6BH6s-6AG5-5763s-807s-813s	Homebuilt (dual conv.)	40, 20, 15, 10
San Diego	W6ZVQ	107,100	PTO-6AG7s-2E26-814	BC348, SX28	40, 20
Santa Barbara	W6ERB	100,554	Viking II	75A4	40, 20, 15
No. Texas	W5BLU	114,665	DX100	HRO5	80, 40, 20, 15, 10
Oklahoma	W5EQT	103,360	811s p.a.	HQ150	40, 20
So. Texas	W5BTS	108,205	6AC7-5763-6146	Homebuilt (50 kc. i.f.)	40, 20
New Mexico	K5CAW	138,006	5100	75A4	40, 20, 15, 10
Maritime	VO6N	19,550	VFO-807-813	HQ129X	20, 15
Quebec	VE2ADD	64,417	VFO-6N7-6AG7-6146-813	NC125	80, 40, 20
Ontario	VE3DSU	110,513	DX100	HRO7	80, 40, 20, 10
Manitoba	W3MCG/VE4	11,019	32V2	51J4	40, 20, 15
Saskatchewan	VE5DZ	39,329	6AG7-6L6-807-803	HRO	40, 20
Alberta	VE6MA	51,975	6V6-6L6-807	SX23	40, 20, 10
B. C.	VE7JO	47,250	6AC7-6AG7-6L6-807s	AR6, Q5er	40, 20
Yukon	VE8JW	64,253	802-807	75A2	40, 20

Contest Quotes

"Despite necessary school work, made 200 more contacts in my first SS as a General. Expect to represent No. Dak. often in the future and hope ARRL always keeps up this great contest." — *KØCNC*. . . . "Used four watts input to a 50L6 oscillator and four 40-meter crystals. This peanut whistle won't win a certificate but it's fun to see what can be done with it." — *W4SAS/5*. . . . "Bet W4SAS/5 was the lowest-powered station in the SS. He gave me NR 70, not bad for four watts." — *VE3DUS*. . . . "Pickings got rather lean on 20 c.w. towards the end. Was seeking a 14-Mc. WAS but where were Vt. and Miss.?" — *W5JPC*. . . . "Bands in order of importance were 20, 40, 10, 80 and 15, but ten meters proved by far the hottest in QSOs per hour." — *W6VMD*. . . . "The 1956 SS, c.w. style, was terrific. Operating techniques seemed better than ever and conditions superb." — *W6SRT*. . . . "A miserable score but enjoyed listening to the OM (W1SAD) rack up a much better one." — *W1COL*. . . . "First time in 27 years of hamming that I was successful in working all 73 sections in the SS, although there appeared to be very little activity in VE5, VE6, VE1, and heard only one station in KL7, KP4, VE4, So. Dak., W. Va., Miss. and No. Dak." — *W7TKB*. . . . "Open letter to 800 of the 926 stations worked: 'R5 does *not* mean QSZ.' There's absolutely no reason for a guy to send everything twice or three times after receiving RST 579 or better." — *W1JYH*. . . . "Raised my skyhook the second week end and got out worse." — *K6CNE*. . . . "W7TKB gave me my 48th state." — *W1AMY*. . . . "Made ten times my '55 score." — *K4DWF*. . . . "First SS and I'll settle for 64 sections and 47 states in every future one." — *W8IBX*. . . . "47 states and couldn't find Vermont." — *W3BQA*. . . . "Thought I would try for all sections this year but ran into the law of diminishing returns." — *W8DWP*. . . . "Enjoyed testing antennas and flexibility of rig. Suggest that you tabulate the lazy man's SS — the most sections with the least contacts." — *W9REC*. . . . "Don't know when I have enjoyed an SS more. Let's always have this excellent contest." — *K4HAA*. . . . "Great fun but my parents are fed up with hearing odd noises all night, my brother is fed up with being awakened by said noises, and my neighbors are fed up with hearing dididit-dididit on Channel 4." — *W3CCQ/5*. . . . "Although repeat QSOs cut my score by 3500 points, learned much during my first all-out effort. Doesn't everyone?" — *W5FTP*. . . . "A real thrill to work VE7AKI, my first DX." — *KN9CIC*. . . . "What a time! A lot of tries and not many contacts, but the *Q* multiplier was a great help in the QRM. Don't see why more hams don't enter; they just don't know what they are missing." — *KØBMQ*. . . . "A real pleasure to almost double the amount of stations worked, although I wore out three ball-point pens in the process." — *VE2ADD*. . . . "Best contest in ham radio." — *WN1IEF*. . . . "No wonder I'm tired! Just checked the log and find that I changed bands 101 times during the contest, each operation involving two plug-in coils, numerous switches and knob twisting. Guess I must have been the guy everybody heard tuning up right smack on the frequency. . . . 15 meters paid off with two sections (VE4 and KL7) worked on no other band." — *W4KFC*. . . . "Enjoyed every minute and was amazed at how well the 8-foot whip performed." — *W1ZVG/7*. . . . "A great contest and the prevailing sportsmanship was outstanding. Thanks especially to K4HAA for taking time to explain the rules. Got four new states." — *K2PSE*. . . . "First chance to give my one-knob band-switching rig a real workout." — *W3RYX*. . . . "Used a new rig completed an hour before the SS started. An intermittent in the v.f.o. developed but managed to find the trouble and keep going. Somehow missed three easy sections: No. Dak., Maine and VE4." — *W9RQM*. . . . "Can't hope to top whatever millions W4KFC sends you but doubled last year's Novice score in one-fourth the time. The new VR-tube added to the oscillator really paid off when someone turned on a hot-plate next door. My lucky QSO No. 13 was Nevada; that makes 13 Nevadans toward a goal of 25 hopefully sought." — *K4CQA/4*. . . . "93 QSOs as a WN8 in '55 and 279 this year with same rig plus v.f.o." — *W8BVF*. . . . "How about the guy that must explain the SS to his wife? May I suggest that the League formulate a letter in nontechnical language aimed toward nonham wives? This letter, available in October, might begin, 'Dear Madame: Your husband is about to embark on a great adventure in skill, action, travel, and proficiency, right from your own home. Please bear with him.' Maybe then the XYL would be able to understand my fascination for the SS." — *W4SHW*. . . .



"Eight new states! Thanks for a couple of wonderful week ends." — *W7ZOI*. . . . "More thrills in the SS than I've had from the time of my first QSO." — *K2MBU*. . . . "Although conditions were very good to all WØ on several bands, I failed to hear a single No. Dak. station. VE1 was tough too." — *W9RKP*. . . . "Noticed the usual clean, snappy operating but there were also a number of signals of questionable quality consisting of rough notes, chirps and clicks. Trust these do not indicate a trend toward sloppiness or carelessness. Perhaps we should all make an effort to give *honest* reports so that the op on the other end will be made aware of how his signals sound and take steps to cure the difficulty." — *W4CVI*. . . . "Thanks for a great contest but the letdown afterwards is awful. A year is a long time to wait for the next one." — *WØTDR*. . . . "As a new member of the 'frat,' I learned more in a few hours than I could have in weeks of casual operating. My sincere thanks for a swell exercise in amateur communications and sportsmanship." — *KN2RQU*. . . . "Vt. has always been a millstone around my neck in any contest and this one was no exception. Are all Vt. hams on 420-Mc. n.f.m.? . . . First time ever worked VE1 through VE8 and heard all parts of Canada including Yukon, N.W.T. and Labrador. Three cheers for Canada, especially *VEs* 6MA 2YA 7AGN 7ANQ 7AKI 5DZ 1EX 8JW 3EU 3DSU 4YZ and 3VX. VE6MA and VE8JW send perfect c.w. and had particularly outstanding signals." — *W4WQT*. . . . "A world of fun and finally nailed Wyoming." — *KN2SDE*. . . . "Finished off my WAS and had two wonderful week ends." — *K5ARH*. . . . "Hope everyone had half as good a time as I did." — *W9VAY*. . . . "First Stateside SS and was surprised at results with an all-band dipole using homemade loading traps. Previous operation was from KL7AOL where I used a 680-foot long wire directed on the



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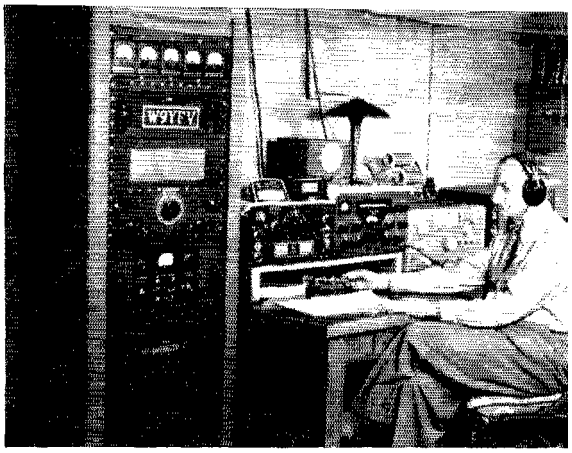
In hotly-contested Md.-Del.-D. C., the chap to beat is W3EIS, holder of five of its last seven awards. This time Don, a Potomac Valley Radio Club prime mover, shoehorned 185,670 points and 1032 QSOs into 40 hours for the nation's fifth-ranking tally and top W3. Between Novembers, Don sets a sterling example in Field Day's Class B with another pretty fair op, W4KFC.

QST for



Prowling for new countries is favored but W9YFV is also a Sweepstaker of the first water. Ed was seventh among all brasspounders, leading Nine, and Illinois topper with the 5100B pushing a long wire, 20-meter rotary, or 7-Mc. vertical dipole, latter sporting 32 buried radials. P.p. 4-400As provide additional db. when needed, have helped shore up the W9YFV DXCC standing to 242.

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U. S. A. — *W8IZS*. . . . "Sections were hard to come by. Never heard VE1, VE5, VE7 or VE8 and had to go to 21 Mc. for VE4 and VE6. My ambition was to score over the 100,000-point mark and was able to do it only by getting *greater QSO quantity to make up for missing sections.*" — *W4OMW*. . . . "Plenty of good sigs, excellent conditions and courteous operating. Knocked off the last four for 3.5-Mc. WAS but missed So. Dak. for WAS on 20 in spite of good short skip. Was shooting for 110,000 but illness the first period and a football game the second botched that." — *WØBUR*. . . . "First contest and enjoyed the stick-to-itiveness of fellow hams. Picked up two more states and VE2. Thanks for two perfect, competitive week ends." — *K2SEK*. . . . "FB test but missed Miss. and where was W9IOP?" — *WØRLI*. . . . "Didn't realize that 39 hours could go by so fast." — *W9ESK*. . . . "Lots of valuable experience in my first try at SS. Will have to do *more work on my homemade rig which broke down three* times." — *W5FCX*. . . . "Afraid I wasted too much time chasing sections, resulting in a low QSOs-per-hour average. Didn't hear No. Dak., Utah, KL7 and VE4." — *W2EMW*. . . . "Experience gained in '55 resulted in a *score six times higher. Being limited to 40 meters kept my* section total down but that situation will have been corrected by the next SS." — *K2MWM*. . . . "Very enjoyable although the senior class play interfered with time on air." — *W3ZHQ*. . . . "FB SS but has Miss. seceded from the Union?" — *W9WBL*. . . . "The contest taught me the fundamentals of operating and I now have six more states confirmed." — *W3DVM*. . . . "After winning the Miss. award in '55, I missed that section in '56. We need a Q signal to tell a fellow that he has been worked before. Also wish everyone would use ARRL Operating Aid No. 6." — *W9AIY*. . . . "Evidently many were not keeping a duplicate check sheet. My total could have been increased by a *large margin if I had accepted all the second and third calls* received. The amount of second callers was so staggering toward the end that I resorted to calling 'CQ SS NEW STNS.'" — *W2HMJ*. . . . "Finished WAS but score was poor with 25 watts input. How about an extra multiplier, say at 50 or even 30 watts, to give us low-power boys a better chance?" — *K6OVJ*. . . . "The new 150-watt power multiplier is excellent and hope it will stay. Wish more VE1s and KZ5s would take part. How does W4KFC make so many QSOs?" — *W6JVA*. . . . "Yipes! Just found out limit was 150, not 100 watts. Better read the rules next time. . . . The guys at ARRL sure pick week ends with good conditions. Sigs were very strong and it's remarkable *what a few watts can do when the bands are just* right." — *WØIUB*. . . . "After years of the 100-watt multiplier, many fellows, myself included, have built special rigs for the SS. Why bow to the 'commercial' guys? This is Amateur Radio." — *W9ZRG*. . . . "I demand an additional multiplier for undernourished stations running ten watts or less. Hi!" — *K2EWR*. . . . "Second year that Utah was the last section worked. How about a multiplier of five for those who live one block from a multioperator station?" — *W2HBE*. . . . "Beam rotator failed, power line noise was S8, rig blew condenser, company dropped in, XYL accepted a dinner engagement the second Saturday, and even the electronic key quit. Don't I rate a handicap multiplier of about five?" — *W8DUS*. . . . "A swell time and already looking forward to next year's get-together." — *W3VAN*. . . . "Wow, never heard such activity! Looking forward to the '57 SS." — *W6NHA*. . . . "The contest spurred me to set up my rig on 7 Mc., a new experience. I learned procedure fast and I'll be back next year on three bands with bells." — *K6LZU*. . . . "Raised two new states and KP4DH but W1QMM (Vt.) wouldn't come back. Can hardly wait for the next SS." — *K6LSG*. . . . "Very enjoyable as always. Arrival of stork limited time but next year, oh boy!" — *VE3BT/W2*. . . . "It has been nearly 20 years since I tried the contest. Maybe it's old age but got ten times the bang out of it that I did way back then. Outside of the genuine pleasure of breaking through the roar and the thrill as each new section was contacted, I am now completely convinced that crystal control is not the FB device it was in the thirties. I fought it out with crystals the first period and then, aided by *QST*, the *Handbook* and the junk box, I feverishly threw together *a v.f.o. and got it going — no fooling — one minute before* the start of the second week end. Vast improvement was noted . . . All in all it was just grand, wonderful, swell, and the old ham bug has bitten me again in the worst way. Surely do appreciate the ARRL-sponsored contests and the extra-good dope in *QST*. With your help I'll be back with a better rig to double my score next year." — *W7POU*. . . . "My first SS and thoroughly enjoyable but I'm going to devise a better method of eliminating those pesky duplicates. Hope to erect an efficient antenna for each band and boost my power from 35 to the 150-watt limit. I'm gonna take that Tennessee sheepskin. Just wait till next year!" — *K4CWS*. . . . "Bloodshot eyes, angry XYL, hungry OM, *jr. ops thinking Dad off his rocker, but I promise* to do as well or better next year." — *KN9CAZ*. . . . "Really enjoyed hearing all the big guns and upcoming Novices, although an attic antenna was a handicap. Looking forward to next year." — *W1FSJ*. . . . "Worked 45 stations last time as a KN9 and 490 in '56. Just wait 'til next year!" — *K9AKS*. . . . "My second SS and it was a dilly. Bettered previous score by 600%. Glad to see KZ5BC, W7KEV, W6BIP, W4KFC, W4KVX and many other fine ops but missed W9IOP. Having special QSL made and can't wait 'til next year." — *K6SSM/8*. . . . "I'll break 100,000 points or bust next year!" — *W3MWC*. . . . "Biggest thrill was working my first Idaho. Just wait till next year." — *K9ATY*. . . . "First SS in Arizona and sorry didn't make a better showing. Will do better next year." — *W7EAX*. . . . "My brother served as assisting operator and better family relationships resulted. Will have better antennas next year." — *K6IBE*. . . . "School *work crossed me up. Hope to get in the full 40 hours next* year." — *K5ABV*. . . . "Learned much about operating and message-handling and you can count on a log from me next year." — *K6BCG*. . . . "Four new states and a new country. Hope to be better prepared next year." — *K4EJG*. . . . "Learned a lot and that's the main thing, but wait till next year." — *W6JKJ*. . . . "The SS really improves code ability. *Can't* wait until next year!" — *K4BND*. . . . "To coin a phrase, 'Wait 'til next year.'" — *W1UGW*. . . . "To use an old, dog-eared worn-out expression, 'Wait 'til next year.'" — *WN1MTX*.

All those cheery "Wait till next year" mumblings prophesy another biggest-ever Sweepstakes in November, with oodles of good, healthy QRM, huge QSO and sections-worked totals, and incredible scores from around the field organization. For the nonce, please stand by for the scoop on the radiotelephone and club winners. Just wait till next month. — *P. S.*

East Bay leader W6PYH pays this tribute to his chief operating aid, "a tolerant XYL who kept me constantly nourished." Pete wouldn't be without his t.r. switch for perfect break-in and, at DXCC-222, is another prominent prefix-pursuer who takes an annual fling at SS-ing.

C. W. SCORES

Twenty-Third Sweepstakes Contest

Scores are grouped by Division and Sections. . . . The operator of the station first-listed in each Section is award 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 150 watts (multiplier of 1.25, c.w.), B over 150 watts (multiplier of 1). . . . The total operating time to the nearest hour, when given for each station, is the last figure following the score. . . . Example of listings: W3JNQ 156,023—880—71-A-39, or, final score 156,023, number of stations 880, number of sections 71, power factor of 1.25, total operating time 39 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

W3JNQ..156,023- 880-71-A-39
W3CPS..141,440- 855-68-A-40
W3GHM..125,493- 712-71-A-36
W3BES..123,251- 715-69-A-28
W3HHK..110,863- 636-70-A-39
W3ALB..107,654- 607-71-A-25
W3NOH..106,750- 700-61-A-30
W3LEZ..105,840- 675-63-A-33
W3ARK..105,600- 640-66-A-36
W3LVF...98,115- 633-62-A-36
W3EAN...97,580- 574-68-A-36
W3MDE..96,300- 535-72-A-38
W3ISE....88,943- 603-59-A- –
W3MWC..86,960- 547-64-A-39
W3DVC...85,275- 572-60-A-39
W3SOH...84,175- 518-65-A-38
W3WKX..82,500- 600-55-A-35
W3KFQ...80,978- 531-61-A-40
W3EQA...80,325- 464-70-A-33
W3WPG...76,555- 502-61-A-40
W3HTR...71,195- 491-58-A-40
W3VDV...69,431- 405-69-A-32
W3MDO...68,796- 546-63-B-40
W3CGS...64,600- 380-68-A-30
W3RRI/3..64,152- 486-66-B-36
W3ADZ...62,125- 350-71-A-35
W3EVW...60,375- 350-69-A-23
W3YLL...56,363- 418-54-A-37
W3BQA...55,945- 334-67-A-29
W3JSA...55,930- 400-56-A-35
W3ADE...53,215- 367-58-A-33
W3IXN...53,213- 387-55-A-34
W3DUQ...53,200- 380-56-A-22
W3DAO...46,050- 308-60-A-39
W3KDF/3..41,340- 312-53-A- –
W3GRS...39,899- 271-59-A-14
W3ZSX...39,000- 328-48-A-18
W3KFK...38,500- 308-50-A-33
W3CLM...36,960- 336-55-B-30
W3DFJ...32,035- 299-43-A-30
W3DBF...30,500- 307-40-A- –
W3ORU...26,983- 252-43-A-12
W3GHD...25,515- 162-63-A- –
W3YTM/3..25,223- 177-57-A-23
W3NHX...24,300- 203-48-A-30
W3AFF...23,834- 315-31-A-33
W3WHK..21,060- 234-36-A-32
W3JPW...19,646- 202-39-A-28
W3YSH...19,440- 146-54-A-20
W3UOE...18,478- 196-38-A-10
W3QLZ...16,380- 182-36-A-10
W3OCU...14,520- 132-44-A- 8
W3DYL...14,085- 158-45-B-12
W3GSD...13,800- 184-30-A-20
WN3FNH*12,210- 127-44-A-39
W3HUS...11,248- 152-37-B- 6
W3HUR...10,973- 117-38-A-13
W3EYT...10,815- 103-42-A-23
W3WHJ...10,438- 167-25-A-16
W3ZON....8330- 119-28-A-22
W3ANZ....5440- 80-34-B-14
W3ZVY....5330- 82-26-A- 8
W3EMH....4830- 85-23-A-14
W3DVB....4225- 85-19-A-21
W3FXX....3701- 71-21-A- 6
W3YHX....3465- 66-21-A- 8
W3ZXR....2275- 46-20-A-10
W3CHH/3..2250- 60-15-A-10
WN3GYP...2093- 47-18-A-21
W3QEZ....1900- 40-19-A-17
W3IIO....1828- 43-17-A-19
W3PNL....1553- 35-18-A- 6
W3NF.....1470- 28-21-A- 2
W3ZTJ....1350- 37-15-A-10
W3HWI.....585- 26- 9-A- 4
W3ZN......572- 22-13-B- 3
WN3GQM...538- 24-10-A-11
W3ZMH....495- 18-11-A- 6
W3FHG.....413- 16-11-A- 6
W3QS......403- 23- 7-A- 4
W3CBH.....384- 16- 8-A- 6
W3ZJD.....260- 15- 8-A- 5
W3FQA.....75- 7- 5-A- 6
W3RNF.....45- 5- 4-A- 8
W8KT (W3s KT SKQ)
125,901- 700-72-A-38
W3EBG (W3s BES EBG)
99,533- 578-69-A-29
W3WJD (W3s WJD YIK)
77,699- 510-61-A-39
W3FAF (W3s BHP FAF)
18,532- 288-41-B-31
W3VXP (2 oprs.)
1600- 41-41-A- 9

Md.-Del.-D. C.

W3EIS...185,670-1032-72-A-40
W3VOS...162,360- 902-72-A-39
W3EIV...155,845- 878-71-A-40
W3MSR...153,270- 853-72-A-40
W3AEL...152,575- 898-68-A-39
W3TMZ...145,550- 820-71-A-33
W3GRF...141,438- 777-73-A-40
W3KLA...140,498- 860-66-A-40
W3JTK...138,345- 802-69-A-32
W3VAN...133,006- 911-73-B-36
W3PZW...132,495- 727-73-A-40
W3MFJ...120,359- 662-73-A-40
W3KDP...119,160- 664-72-A-40
W3IYE...115,740- 643-72-A-34
W3GAU...112,525- 650-70-A-25
W3DVO...108,113- 699-62-A-37
W3UE....78,720- 492-64-A-40
W3PZA/1..75,040- 471-64-A-30
W3HVM...72,795- 424-69-A-35
W3WV....67,320- 374-72-A-27
W3HXN...61,000- 488-50-A-40
W3DRD...57,575- 329-70-A-26
W3RYX...56,350- 405-56-A- –
W3ZQ....41,477- 352-59-B-21
W3WG....39,730- 274-58-A-19
W3VKI...39,000- 300-52-A-24
W3HDV...38,857- 330-61-B-30
W3HXA...36,438- 292-50-A-24
W3FDJ...33,750- 338-40-A-32
W3ZSR....25,840- 152-68-A- 5
W3HH....25,080- 209-48-A-14
W3WU....24,795- 174-57-A- –
W3WLO...21,730- 164-53-A-36
W3ZGN...20,171- 247-33-A-30
W3DVM...19,500- 200-39-A-16
W3TNT...16,931- 158-43-A-15
W3ARR...15,960- 170-38-A-26
W3IBX...15,215- 179-34-A-20
W3TXY...13,428- 131-41-A-24
W3CLI/3..12,150- 108-45-A-17
W3DBV...11,688- 138-34-A-32
W3TXL....9581- 110-35-A- 8
W3IKN....9184- 119-31-A- 8
W3BKE....7590- 115-33-B- 8
W3HB.....5689- 63-37-A-14
W3UDO....5145 100-21-A-10
W3VCD....4200- 70-24-A- 8
W3ZMT....2132- 41-26-B-11
W3DNW....1913- 51-15-A- 3
W3CMX....1706- 53-13-A- 8
W3RYV....1580- 40-16-A- 9
W3ZAQ....1440- 36-16-A- 5
W3CDQ....1296- 31-17-A- –
WN3FYL...473- 26- 9-A- 6
W3BFW.....270- 12- 9-A- 1
W3FQE.....140- 8- 7-A- 4
W3EPX.....23- 3- 3-A- –
W3LII/3....23- 3- 3-A- 1
W3FY8 (W3FY8, W6HOH)
149,310- 830-72-A-37
W3CVE (W3CVE, K6DGB)
25,155- 281-45-B-23

Southern New Jersey

W2HDW..110,773- 755-59-A-40
K2CPR...104,939- 627-67-A-37
W2SHM..100,958- 641-63-A-39
K2ERC...99,990- 607-66-A-40
W2ILN...61,991- 407-61-A-29
W2HBE...61,681- 349-71-A-39
K2OMT...58,000- 400-58-A-38
W2TPJ/2..55,069- 401-55-A-26
W2EXB...54,000- 360-60-A-28
W2QDY...53,750- 430-50-A-36
K2CWJ...51,000- 401-51-A-27
K2KZO...47,588- 405-47-A-32
K2KFJ...40,300- 310-52-A-40
K2SWZ...33,935- 309-44-A-30
W2DAJ...29,868- 262-57-B-23
W2QKJ...27,652- 224-62-B-35
K2HJY...21,986- 268-33-A-25
K2MIO...21,480- 179-48-A-23
W2LY....12,813- 125-41-A-24
W2PNA...11,520- 144-32-A-14
W2APD...10,369- 123-35-A-15
K2BG.....9900- 110-36-A- 8
K2PPT.....9540- 161-24-A-21
K2EWR....5618- 107-21-A- 4
W2PRD....5365- 74-29-A-13
W2DMU....5005- 77-26-A-14
K2PPV....3320- 83-16-A-15
K2IIW....3250- 65-20-A-10
K2OEA....2695- 39-28-A- 6
K2AIM....1663- 35-19-A-10
W2VX.....870- 29-12-A- 5
W2PAU (W2PAU, W3UTC)
112,283- 683-66-A-40

Western New York

W2SSC...124,783- 703-71-A-29
K2KCE...114,154- 628-73-A-40
W2PGU...91,586- 585-63-A-33
K2HVN/2..81,550- 466-70-A-35
W2FEB...75,970- 536-71-B-40
K2LWR...73,710- 546-54-A-40
W2EMW..72,104- 418-69-A-34
W2FXA...69,190- 407-68-A-31
W2GSJ/2..66,895- 394-68-A-40
W2VJO....66,120- 464-57-A-35
W2TFL....56,313- 425-53-A-32
K2JAE....54,720- 572-48-B-38
W2WOE...53,331- 403-53-A-33
W2TOP....52,215- 362-59-A-38
K2EVP....48,668- 309-63-A-33
W2RUJ....44,713- 256-70-A-27
K2MWK...41,918- 311-54-A-23
K2LMX...40,495- 312-52-A-31
K2UIR....35,103- 370-38-A-40
W2NZA...33,800- 294-46-A-25
K2KID...33,696- 234-72-B-21
K2GWN...32,175- 286-45-A-30
K2JAD...31,710- 303-42-A-36
W2KKT...25,645- 273-46-A-29
W2EUP...22,523- 273-33-A-17
K2MWM..19,950- 214-38-A-22
K2IWQ...19,350- 198-40-A-28
K2GVN...17,400- 145-48-A-16
K2GIG....16,188- 175-37-A-20
W2CJQ....15,960- 152-42-A-15
K2MLH...15,295- 161-38-A-22
K2BWK...14,588- 197-30-A-24
W2FPW...12,623- 153-33-A-15
VE3FT/W2
12,420- 138-45-B-17
K2OFY....11,688- 140-34-A-11
K2JEK....10,355- 109-38-A-15
W2DRN....8515- 131-26-A-11
K2PFC....8280- 92-45-B- 7
K2GHD....7470- 83-36-A-11
K2PJS....5130- 108-19-A-25
W2ZRC....4830- 69-28-A- 3
W2RHQ....4270- 61-28-A- –
W2OVP....1885- 58-13-A- 6
W2MTA....840- 24-14-A- 6
KN2RHQ*...825- 30-12-A-21
W2QBB.....555- 19-15-B- 3
KN2RQU....338- 15-10-A-12
KN2RYP....248- 11- 9-A- 5
KN2SKB....248- 11- 9-A- 5
K2MTW.....225- 10- 9-A- 5
K2OSN.....140- 8- 7-A- 3
KN2RLP....120- 8- 6-A- 2
KN2UFA....88- 7- 5-A- 3
W2EWT/2 (11 oprs.)
15,164- 224-34-A-24

Western Pennsylvania

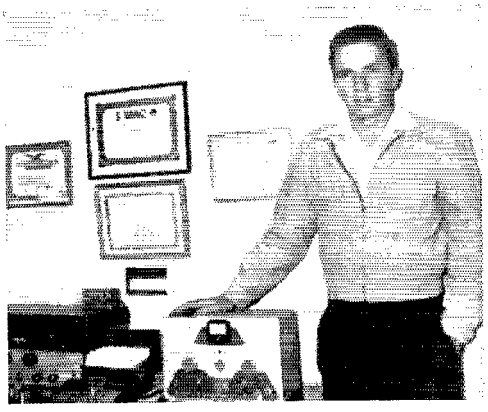
W3VIW...128,240- 812-64-A-36
W3GJY...104,913- 600-70-A-40
W3PWN...99,775- 614-65-A-40
W3ZKB...76,250- 500-61-A-35
W3NRE...75,625- 550-55-A-34
W3YDK...67,650- 414-66-A-32
W3BOA...61,520- 385-64-A- –
W3UGV....50,490- 306-66-A-25
W3ZAO....48,300- 350-69-B-28
W3EPM...37,056- 305-49-A-19
W3BZR....34,615- 310-46-A-35
W3YOZ....31,483- 257-49-A-32
W3ZHQ....30,013- 245-49-A-16
W3RBH...24,940- 232-43-A-22
W3AVY....21,930- 215-41-B-27
W3KQD...19,238- 171-45-A-21
W3TFI....15,660- 175-36-A-14

W3ZDA...13,950- 126-45-A-13
W3EFW...13,035- 160-33-A-25
W3FMP....5810- 83-28-A-26
W3ZUG....3465- 50-28-A- 8
WN3FJY...2584- 46-25-A- 9
W3LXE....140- 8- 7-A- 1
W3YA (18 oprs.)
55,803- 494-57-B-39

CENTRAL DIVISION

Illinois

W9YFV...180,720-1004-72-A-40
W9ZAB...134,811- 761-71-A-38
W9AMU..128,610- 715-72-A-40
W9WBL..126,613- 724-70-A-40
W9NH...126,140- 742-68-A-40
W9ZQC...124,069- 767-65-A-40
W9PZT...115,403- 669-69-A-40
W9WFS...92,250- 514-72-A-26
W9LNQ...91,679- 521-71-A-40
K9AKS...78,000- 490-64-A-31
W9YYG...74,425- 448-65-A-40
W9MAK...67,600- 423-64-A-37
K9EWB...64,320- 388-67-A-40
W9AGM...48,750- 300-65-A-21
W9DUA*..46,690- 32-58-A-30
K9ARN...41,938- 306-55-A-24
W9RCJ...40,641- 260-61-A-20
W9CMO...30,873- 233-53-A-26
W9QGG...28,756- 270-43-A-19
K9BMH....2205- 49-18-A- 4
KN9DTB...2205- 46-21-A- 9
W9SES....1800- 40-18-A-19
W9FDY....1783- 32-23-A- 6
W9LOC....1598- 36-18-A- 5
K9EGH....1538- 41-15-A- 7
W9TQR....1083- 23-19-A- 6
W9VOK....885- 30-15-B- –
K9AXT....715- 22-13-A- 2
K9DGY....645- 22-12-A-11
W9YPJ....600- 25-10-A-11
K9AQV....480- 20-12-B- 4
K9BLY....281- 15- 9-A- 2
KN9CIC...163- 10-10-A-10
K9CDI....50- 5- 4-A- 4
K9DFT....13- 5- 1-A- 1
W9UBW....3- 1- 1-A- 1
W9OCB (W9s DWD JSO OCB)
178,588-1034-70-A-40
W9ECY (W9s ECY IRH)
70,718- 451-63-A-40
W9YH (5 oprs.)
60,121- 516-59-B-39
KN9CAZ (KN9s CAZ DTH)
33,480- 262-54-A-40
KN9DJQ (KN9DJQ, KN9ELC)
2998- 57-22-A-31
W9NGV (W9NGV, K9BCK)
510- 17-15-B- 3



In Southern Texas, 16-year-old KN5EZV cranked out 34,583 points, the highest score ever amassed by a Novice. Beginning in the hobby like a house-afire, Bob has already earned WAC, WAS and RCC and will bear close watching in future contests.

W9YRH...28,688- 225-51-A-18
W9UBI...25,988- 190-55-A-15
W9ZEN...25,048- 233-43-A-26
K9BCV...24,860- 238-44-A-30
W9OAN...22,069- 161-55-A-17
W9IET...21,450- 160-55-A- 8
W9LGI...20,800- 211-40-A-20
W9QQX...20,621- 178-47-A-13
W9WIO...19,596- 189-71-A-18
W9REC...19,500- 130-60-A-20
W9NIU...18,180- 152-48-A- –
W9BIN...16,920- 144-47-A-16
K9BTD...16,125- 155-43-A-23
W9EBY...15,803- 152-42-A-23
W9YYF...15,068- 147-41-A-11
W9OJI...14,720- 128-46-A-13
W9DWQ..14,639- 119-49-A- 9
W9ZRG...14,342- 101-71-B-13
W9JAT...13,500- 137-40-A-14
K9BIU...12,600- 115-45-A-18
K9ATY...10,325- 150-28-A-29
W9YYV...10,165- 107-38-A- –
W9YDQ....9095- 107-34-A-12
K9BTN....8925- 120-30-A-20
W9RGB....8539- 107-33-A-13
W9EET....8360- 89-38-A-16
W9KXD....8333- 101-33-A-11
W9VOX....8000- 100-32-A-18
W9CR.....7030- 74-38-A-20
W9UJB....6818- 102-27-A-29
W9TTJ....6300- 64-40-A-10
K9BBD....6152- 67-37-A-11
KN9BZJ*...6006- 83-31-A-22
KN9CHZ...4640- 61-32-A-21
W9EXL....4523- 67-27-A- 5
W9JCX....4140- 90-23-B- 7
K9CFQ....4043- 77-21-A- 6
W9ZDV3...3983- 59-27-A- 8
W9TAL....3875- 50-31-A- 4
W9NGG....3613- 85-17-A- 7
K9BPT....3611- 55-27-A- –
W9EDH....3575- 55-26-A- 5
W9EGJ....2925- 65-18-A- 9
W9GCH....2250- 60-15-A- 5
W9EU.....2218- 46-24-B- –

Indiana

W9APY..176,138-1010-70-A-40
W9AZM..114,155- 673-68-A-40
W9ESK...81,413- 506-65-A-39
W9YSX...79,885- 622-65-B-33
K9CUY...72,778- 476-62-A-40
W9YPD...64,339- 411-63-A-38
W9VAY...57,855- 412-57-A-38
K9BBO...51,675- 390-53-A- –
W9DGA...38,028- 288-53-A-13
W9DMU...37,145- 323-46-A-31
W9CNG...31,465- 203-62-A-18
W9WQQ...22,898- 213-43-A- –
K9AUE...19,000- 200-38-A-22
W9STG...18,624- 160-47-A-23
W9VDB...12,578- 117-43-A-12
KN9DWK*..5720- 79-32-A-31
W9YXX....4875- 65-30-A- 4
KN9DOR....585- 21-12-A-12
KN9CRS.....63- 5- 5-A- 3
W9CLY (7 oprs.)
101,238- 629-65-A-40
W9YB (8 oprs.)
74,168- 483-62-A-39
W9ZTD (W9ZTD, K9ADJ)
52,813 332-65-A-27

Wisconsin

W9RQM..161,350- 923-70-A-39
W9KZZ..143,150- 825-70-A-36
W9UDK..117,061- 665-71-A-35
W9GWK..106,925- 711-70-A-38
W9VOD..106,000- 624-70-A-25
W9DIK...100,640- 599-68-A-33
W9DYG...97,845- 594-66-A-38
W9RKP...85,200- 480-71-A-36
W9KXR...79,165- 446-71-A-39
K9CAN...72,312- 524-69-B-30
W9UFV...62,238- 384-65-A-31
W9CXY...61,610- 404-61-A-40
W9ZQA/9..52,595- 314-67-A-23
W9YZG....47,713- 356-55-A-25
W9VOS/9..46,170- 343-54-A-26
W9CHD...38,070- 282-54-A-21
W9QGR...35,388- 267-53-A-18

W9FZC...25,438- 185-55-A-15
W9SZR/9..24,133- 197-49-A-13
W9FPA...20,524- 211-39-A-30
W9FDX...20,280- 156-52-A- –
W9DGB...18,143- 123-59-A- –
W9AQD...17,483- 130-54-A- –
W9DPN...16,900- 130-52-A-22
W9WAN...14,910- 144-42-A- 9
K9AEQ...13,690- 148-37-A-20
W9HCA....9120- 115-32-A- 9
W9WUQ....6750- 101-27-A-26
W9IUQ/9....4000- 80-20-A-35
W9HCX....2625- 50-21-A-10
K9BCB....1575- 32-20-A- 8
K9AQT....1485- 35-17-A- –
W9BCC....1200- 32-15-A- 4
W9CFL.....633- 23-11-A- 2
KN9CBE....304- 15- 9-A- 5
K9CPF.....175- 10- 7-A- 5
KN9ELT....140- 11- 7-A- 8
W9LUC.....63- 5- 5-A- –
W9JBF.....3- 1- 1-A- –
KN9DGE (K9CAH, KN9DGE)
1556- 13-15-A-23

DAKOTA DIVISION

North Dakota

K9CNC...32,745- 222-59-A-12
K9ADI...13,904- 117-49-A-23

South Dakota

W9TLD...46,384- 295-63-A-24
KN9HHM..5899- 74-33-A-21
W9JLI.....1125- 25-18-A- 3
K9BMQ....1069- 24-19-A-29
W9RRN.....225- 10- 9-A- 1

Minnesota

W9RLI...127,925- 754-68-A-40
W9WDW..97,600- 615-64-A-35
K9BIT....63,000- 500-63-B-40
K9DHH...28,069- 251-45-A- –
K9AUS....3188- 52-25-A- –
W9DQL....2560- 32-32-A- 7
KN9EEN...1388- 38-15-A- –
K9CAZ....1063- 32-17-A-10
W9FJJ.....715- 26-11-A-13
KN9ECY (K9CAZ, KN9ECY)
23- 3- 3-A- 1

DELTA DIVISION

Arkansas

W5BYJ...48,400- 306-64-A-35
W5WUR..44,685- 331-54-A-36
K5DET...42,315- 278-62-A-37
W5KGJ...39,585- 273-58-A-29
W5MY....17,802- 207-43-B- 8
W4SAS/5...6680- 84-32-A-22
KN5GRT....120- 10- 6-A- 7
KN5EJQ.....55- 6- 4-A- 7

Louisiana

W5YDC.127,090- 717-71-A-33
K5DGI..114,800- 718-64-A-38
W5JAW...87,506- 542-65-A-40
W5BUK...57,800- 341-68-A-32
W5GAI...40,184- 285-61-A-16
K5ARH...39,473- 277-57-A-34
K5AWZ...35,819- 263-55-A-36
W5NDV...28,815- 228-51-A-27
K5AGI...24,240- 203-48-A-17
W5JFR...10,973- 118-38-A-11
W5EKF....9225- 124-30-A-23

K5BWZ....3480- 60-24-A- 8
KN5EJL.....165- 16-12-A- 8
W5TVW.....225- 10- 9-A- 2

Mississippi

W5FPI....49,500- 300-66-A-27
KN5HFM...1995- 39-21-A-33

Tennessee

K4LPW..204,660-1138-72-A-40
W4NBV..110,880- 678-66-A-40
W4WQT..100,975- 578-70-A-40
W4YMG..96,931- 600-65-A-39
W4CVM..96,030- 535-72-A-39
K4CWS...81,908- 489-67-A-38
K4BOM...73,005- 471-62-A-39
W4OGG...42,625- 310-55-A-19
K4AMC...23,569- 213-45-A-14
KN4JWZ..18,375- 161-49-A-34
K4ECZ...15,006- 123-49-A-11
K4CBE/4..14,625- 132-45-A-12
K4APN...10,710- 103-42-A-11
K4CSY.....5148- 74-29-A-19
K4CFA.....4766- 66-31-A-10
K4ACG.....3190- 44-29-A- 3
W4NPS.....2200- 44-25-B- 8
W4CXY.....863- 23-15-A- 6
W4KH/4 (W4S KH WHN)
41,600- 321-65-B-24

GREAT LAKES DIVISION

Kentucky

W4KVX..227,213-1246-73-A-40
W4OMW..104,960- 656-64-A-40
K4GEZ...101,421- 606-67-A-37
W4HOJ...88,608- 529-67-A-39
W4CVI...87,235- 480-73-A-30
W4SUD...80,719- 514-63-A-29
K4DTI...77,550- 470-66-A-24
W4JBQ...64,125- 450-57-A-24
W4OXX...44,700- 298-60-A-25
K4DVR...23,940- 205-48-A-28
K4CHF....6663- 104-26-A- –
KN4JGM...5895- 67-36-A-19
KN4JHA....743- 27-11-A-11

Michigan

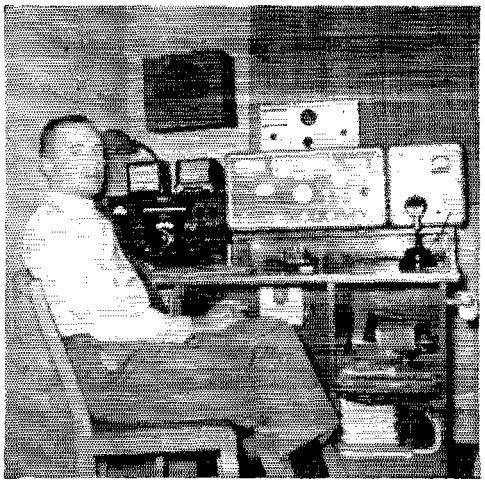
W8OCK4..125,650- 721-70-A-40
W8IRO...95,900- 685-70-B-36
W8TJQ...75,905- 448-68-A-38
W8SRK...71,115- 433-66-A-31
W8IZS...71,040- 446-64-A-40
W8PWQ...69,300- 466-60-A-40
W8GTI...63,938- 465-55-A-40
W8DM....59,015- 407-58-A-31
W8UMX...55,125- 351-63-A-36
W8HQS...55,046- 352-63-A-32
W8DUS...55,025- 359-62-A-22
W8GB....49,118- 333-59-A-23
W8PVI...46,238- 344-54-A-31
W8VPC...38,225- 322-60-A-21
W8TKW...15,750- 305-60-A-37
W8QZR...40,878- 307-54-A-27
W8ZNH...35,500- 384-50-A-25
W8RVZ...33,488- 236-57-A-17
W8ONA...32,800- 205-64-A-34
W8GEB...29,278- 241-49-A-34
W8LXM...28,999- 205-57-A-33
W8SCW...26,500- 200-53-A-10
W8TRN...22,028- 267-33-A-27
W8HMM..20,738- 200-42-A-18
W8HAN...17,575- 185-38-A-24

WØCDP riddled his Colorado opposition what with rotaries, a ground plane, a Vee beam and a DX100. Harrison has previously accumulated plaudits for his work in the SS, DX Contest and the ARRL Membership Party.

W8NGO...17,420- 134-52-A-10
W8FX....13,950- 155-36-A-16
W8GP....12,400- 160-31-A-14
W8QBG....9900- 88-45-A-11
W8EGI....7040- 88-32-A- 9
W8FZE/8...5808- 101-23-A-23
W8TCY....3651- 64-23-A-16
W8MSK....3500- 70-20-A- 9
K8BEA....3105- 46-27-A-10
W8KTR....2616- 46-23-A-14
W8QZS....2080- 54-16-A- –
KN8CPM*..1829- 43-19-A-12
W8IVK.....900- 30-12-A- 5
W8NSS.....900- 30-12-A- 3
KN8CJX....538- 23-10-9- 9
W8JEF....518- 23- 9-A- 3
KN8CPR....440- 17-11-A-10
W8FZG.....333- 19- 7-A-10
W8RTX/8....30- 4- 3-A- 1
W8EDI (W8s BXY EDI)
41,760- 275-64-A-40
W8YY (W8s NDE NDI RTX, K8BKT).
10,197- 168-33-B-19

Ohio

W8FGX5.182,678-1064-69-A-36
W8LQA..174,600- 975-72-A-40
W8OYI..139,898- 811-69-A-38
W8VTF..132,175- 778-68-A-40
W8IFX..119,170- 701-68-A-36
W8YPT..110,425- 634-70-A-35
W8ETU/8108,630- 612-71-A- –
W8BOJ...81,506- 473-69-A-18
W8QDH...80,876- 515-63-A-33
W8SDJ....72,825- 487-60-A-36
K8BBM/8..69,673- 454-62-A-40
W8STR...20,329- 209-39-A-21
W8IDM...19,950- 200-40-A-24
W8FDN...19,900- 204-40-A-19
W8CBK...18,638- 216-35-A-35
W8ZLH...15,660- 174-36-A-12
W8CGF...14,648- 189-31-A-27
W8QZA...14,460- 123-48-A-10
W8ZJM...12,925- 110-47-A- 5
W8TZO...12,900- 120-43-A- 7
W8SJU...12,710- 125-41-A-27
W8DAE...12,400- 160-31-A- 9
W8UBJ...11,868- 138-43-A-10
W8WDA...11,280- 141-32-A-28
W8MXO....9170- 131-35-B-11
W8KMF....8284- 71-47-A- –
W8MAE....7980- 76-42-A- 8
W8UPB....7673- 100-31-A- 8
W8RSW....7400- 80-37-A- 6
W8EAR....6844- 110-25-A-11
W8YGR....6510- 62-42-A- 8
W8PMJ....6300- 91-28-A-11
KN8AHO*..5950- 70-34-A-30
W8OYV....4200- 80-21-A-20
W8YGQ....4200- 70-24-A- 6
W8CSA....3960- 60-33-B-10
W8GMK....3875- 50-31-A- 5
KN8AQS...3760- 49-32-A-28
K8DDF....3565- 62-23-A- 5
W8LQG....3220- 56-23-A-10
K8AZQ....3124- 81-17-A- –
W8SWB....2988- 55-21-A- 9
W8QLJ....2589- 55-19-A- 4
KN8AAG...1975- 42-20-A-21
W8THD....1926- 32-23-A- 8
W8KHG....1687- 37-19-A-12
W8VPV....1050- 30-14-A- 3
KN8BDZ....850- 20-17-A- 5



Leading the fifth call area and New Mexico was K5CAW. On the contest scene since 1936, Joe is ex-W9BNB, W3MTQ, W2EHU, W4SEB and KL7AWB, goes for the "Tattoo," a semi-automatic break-in system described in *QST* for last August.

W8SWZ...68,776- 393-70-A-25
W8AXX...66,000- 400-66-A-22
W8SMK...55,413- 404-55-A-27
W9VBV/8..53,400- 357-60-A-27
K8COT...52,930- 318-67-A-40
W8IBX...52,720- 339-64-A-28
W8SGQ...50,320- 318-64-A-29
W8KCK...49,925- 293-68-A-37
W8DWP...48,750- 300-65-A-31
W8VQI....48,606- 355-55-A-31
W8LOF....43,010- 253-68-A-25
W8FDC...42,593- 318-54-A-24
W8QXW...41,785- 345-61-B-26
W8BVF...41,700- 279-60-A-25
W8NMR...38,088- 277-55-A-19
W8NMK...37,950- 346-44-A-39
W8PYX...32,006- 287-45-A-27
W8BDO...31,684- 250-45-A-29
W8AL.....31,165- 272-46-A-35
W8GQ....29,540- 211-56-A-27
W8CTP...29,313- 238-50-A-27
W8NPF...29,138- 259-45-A-17
W8ENI...28,875- 210-55-A-24
W8EV....28,400- 160-71-A- –
W8UMA...28,320- 241-59-B-26
W8ELB...27,875- 223-50-A-38
W8RO....26,250- 210-50-A-22
W8TND...25,771- 195-53-A-21
W8NOX...24,955- 217-46-A-17
W8TTN...24,863- 196-51-A-21
W8VZE...23,460- 184-51-A-22
W8UPH...23,063- 226-41-A-31
W8TIZ.....715- 23-13-A- 3
KN8CTP....175- 21-10-A-15
W8BUM.....263- 11-10-A- 2
W8FU......240- 12- 8-A- 5
K8AJV.....200- 12- 8-A- 9
W8VSF.....75- 6- 5-A- 1
W8VM......60- 6- 4-A- 4
W8VUV.....23- 3- 3-A- 1
KN8AAI.....3- 1- 1-A- 1
W8URD (7 oprs.)
37,750- 306-50-A-38
W8SPM (W8s SPM TXO)
32,195- 242-54-A-37
W8FYI (W8s FYI JBW)
15,593- 150-42-A-22
W8JOY (W8s JOY RIB, KN8BBC)
11,326- 113-41-A-22

HUDSON DIVISION

Eastern New York

K2PIC...113,750- 700-65-A-32
K2EDH...107,013- 619-70-A-36
W2EWD...93,844- 582-65-A-40
K2DRN...52,913- 415-51-A-40
W2CJM...43,885- 263-67-A-38
K2HJX...39,751- 270-59-A-36
W2HSZ...23,418- 162-58-A- –
K2MBU...16,913- 212-33-A-39
K2QJR...12,600- 160-32-A-24
K2QIX...10,588- 121-35-A-20
K2RKR....9990- 112-37-A-17
K2HQJ....9075- 121-30-A-16
K2GIR....8236- 142-29-B-15
K2RDM....8120- 118-28-A-20
K2LMQ....7350- 105-28-A-12
K2OSY....6120- 102-24-A- 8
K2GTZ....2560- 64-20-B- 6
KN2UPD*..2494- 50-21-A-21
KN2SFY....2310- 44-21-A-17
W2FLI.....1600- 41-16-A-10
W2IP......1375- 25-22-A-13
KN2UTV....619- 23-11-A- 9
K2IWV.....338- 14-10-A- 3
K2PRB.....40- 5- 4-A- 3

N. Y. C.-L. I.

W2IVS...129,758- 711-73-A-38
W2KTF...124,513- 714-70-A-40
W2PRN...119,970- 667-72-A-32
W2TUK...117,386- 681-69-A-40
W2HQL...113,840- 633-72-A-33
W2HMJ...109,944- 764-72-B-40
W2MUM..108,413- 620-70-A-37
K2CF....105,963- 606-70-A-39
K2FC....98,940- 582-68-A-36
W2PZE...90,055- 582-62-A-35
W2CWD...85,928- 605-57-A-40
K2GHS...82,240- 514-64-A-36
W2VL....63,050- 388-65-A-29
W2GXC...60,032- 470-64-B-27
W2JBQ...57,391- 469-49-A-26
K2CMV...56,238- 409-55-A-33
W2WFL...55,645- 359-62-A-23
W2NCG...52,178- 387-54-A-38
K2GBH...50,516- 357-57-A-35
W2MDM..50,508- 414-61-B-28
W2YSL...44,370- 353-51-A-31
K2OPJ...40,005- 382-44-A-27
W2LPA...36,750- 300-49-A-36
W2ZYX...35,100- 250-56-A-21
W2UXY...32,640- 256-51-A-12
W2OWO...30,409- 232-53-A-27
W2AOD...28,320- 236-48-A-26
K2RAR...24,521- 255-39-A-31
W2DUS...24,050- 260-37-A-20
K2KYK...23,925- 218-44-A-22
W2GP....22,478- 243-37-A-20
K2BTT...22,100- 173-52-A-23
W2PHF...20,895- 199-42-A-35
W2AEE6..18,480- 133-56-A- –
K2GTC...18,145- 191-38-A-27
W2TNT...18,000- 200-36-A-21
W2OBU...17,625- 235-30-A-15
K2PRP...15,551- 163-39-A-25
W2TEZ...15,500- 200-31-A-23
W2AIZ...15,340- 236-26-A-24
W2UAL...14,945- 214-28-A-20
K2HVM...13,965- 134-42-A-18
K2SEK...11,733- 187-26-A-34
W2MZB...10,675- 122-35-A- –
K2ONP....9636- 151-33-B-16
K2PGP....8827- 107-33-A-13
K2JTW....8706- 101-35-A-11
W2DQN....7844- 126-24-A-13
K2PZH....7650- 90-34-A-15
K2JQO....7525- 86-35-A-13
K2BH.....7400- 80-37-A- 7
W2UNS....7260- 88-33-A- –
W2WUQ....7215- 111-26-A-17
K2LWK....7155- 107-27-A-12
K2TAP....6971- 87-33-A-31
K2PSE....6848- 127-22-A-27
KN2RCC*..6688- 107-25-A-17
W2IAS....5040- 63-32-A- 9
W2OQL....3445- 53-26-A- –
K2LQM....3098- 60-21-A- –
W2DID....2800- 61-20-A- 8
KN2RCM...2730- 53-21-A-23
K2OUD....2636- 57-19-A-15
KN2STF...2310- 47-22-A-17
KN2SNM...2213- 62-15-A-18
W2ENW....1932- 46-21-B- 3
W2IHE....1886- 41-23-B- 6
K2UQX....1520- 41-16-A-15
K2OEG....1360- 34-16-A- 6
W2IWC....1238- 33-15-A- 1
K2PTP.....991- 31-13-A- 9
K2QBW.....740- 19-16-A-10
K2KXZ.....690- 23-12-A- 2
K2AHW.....608- 19-16-B- 2
K2KND.....325- 13-10-A- 7
W2CLG7....175- 10- 7-A- –
W2APM.....63- 5- 5-A- 1
W2GTY.....50- 5- 4-A- 1
K2DEV.....49- 7- 3-A- 2
K2TCD.....35- 4- 4-A- 1

Northern New Jersey

W2CQB...134,575- 770-70-A-40
W2OIB...122,850- 702-70-A-40
W2GND..108,205- 641-68-A-40
K2BHQ...101,589- 607-67-A-38
W2LQP....79,695- 506-63-A-30
K2KDW....74,865- 486-62-A-28
W2FZY....74,195- 419-71-A-39
K2GLQ....67,883- 431-63-A-27
K2CSC....67,481- 459-59-A-37
W2TWC....67,320- 408-66-A-24
W2LRO....63,288- 415-61-A-35
W2WSN...62,310- 372-67-A-40
K2MFF....60,538- 420-58-A-40
K2JLQ....59,210- 383-62-A-33
K2RJA....56,925- 380-60-A-31
W2MPP....55,581- 421-53-A-36
W2WOS....50,003- 339-59-A-25
W2DRV....56,691- 316-63-A-20
K2JMX...49,275- 365-54-A-34
W2EBG...49,088- 385-51-A-33
W2ONA...46,800- 312-60-A-32
W2GBY...45,250- 362-50-A-26
W2OZU...38,049- 250-61-A-27
W2LSX...36,366- 319-57-B-17
K2RPI....35,280- 289-49-A-31
W2IPJ....34,063- 273-50-A-26
K2KFP....33,250- 239-56-A-21
K2JFJ....31,784- 271-47-A-39
K2IBO....30,674- 232-53-A-20
K2GAL/2..30,609- 262-47-A-26
W2JIB....30,135- 287-42-A-22
K2RAD....27,563- 221-50-A-29
K2KIB....25,542- 237-54-B-38
W2HUG...25,144- 224-45-A-17
W2CWK...24,019- 154-63-A-12
W2OAE...23,895- 177-54-A-24
W2ZEP....23,690- 206-46-A-16
W2BRC....23,430- 284-33-A-20
W2EHN...23,250- 235-40-A-27
W2NEP....23,250- 187-50-A-16
K2MMK...10,605- 155-28-A- 9
K2LSX.....9810- 109-36-A-17
W2ABL.....6800- 85-32-A- 5
K2QNI.....6655- 123-22-A-14
K2DN......5820- 97-24-A-11
W2BWW....5425- 70-31-A-16
K2UUU.....5000- 102-20-A- 6
W2RXL.....4950- 100-20-A- 9
W2BU......4560- 96-19-A- 7
W2ING/2...3570- 51-28-A- 9
K2PHP.....3445- 53-26-A- 9
K2UUT.....3438- 63-22-A-15
W2ZVW.....2780- 41-28-A- 2
K2GTZ.....2560- 64-20-B- 6
KN2SRA*...2125- 47-20-A-17
KN2SDE....2040- 37-24-A-18
W2COG.....1000- 25-16-A-15
K2SKK.....805- 23-14-A- 2
W2KKR.....683- 20-14-A- 2
KN2ULB....570- 20-12-A-19
K2SOW.....555- 19-15-A- –
KN2TEO....475- 19-10-A-12
K2TOU.....413- 15-11-A- 2
K2OOA.....390- 20- 8-A- 9
W2IYN.....371- 10- 9-A-18
K2MMM.....320- 17- 8-A- 4
W2EWZ.....105- 7- 6-A- 1

MIDWEST DIVISION

Iowa

WØFZO..127,736- 742-69-A-39
WØNCS...125,408- 728-69-A-39
WØCXN..117,075- 669-70-A-37
KØEXT...116,263- 655-71-A-38
WØGXQ...86,955- 528-66-A-36
WØRAP...78,910- 610-65-B-37
KØDZX...63,364- 511-62-B-38
WØDSP...53,680- 352-61-A-38
WØUJC...52,762- 426-62-B-29
WØATA/Ø.49,339- 338-59-A-31
KØAAH...12,540- 155-33-A-20
WØTNX....9375- 150-25-A-19
KØAKO....6760- 85-32-A-22
WØBGB....5600- 76-32-A-12
WØTLX....5528- 72-33-A-16
KØAKN....3025- 56-22-A- 8
KØBLJ....2970- 54-22-A- 8
KØCYF....1778- 40-18-A-11
WØUJF/Ø...1190- 28-17-A-12
KNØDSC*..1103- 27-18-A-18
KNØDJV....674- 28-11-A-11
KNØGEY....315- 15- 9-A- 8
WØCOD.....175- 10- 7-A- 5
KNØHFW.....10- 3- 2-A- 3
KNØGTF.....5- 1- 1-A- 1
WØUJD (WØs UJD UJF)
51,850- 340-61-A-40
WØWDK (WØs WDK YSE, KØCZQ)
51,315- 314 66-A-39
KØBSK (KØBSK, KNØGTF)
32,419- 238-57-A-39
KØCLS (WØSMS, KØs CLS CUI)
32,137- 249-53-A-29
KØDON (2 oprs.)
27,428- 207-53-A-18
WØQQH (WØs QQH USP)
24,681- 180-55-A-30
KØDPH (KØDPH, KNØHFR)
23,055- 174-53-A-31
WØYSE (WØYSE, KØCZQ)
17,480- 153-46-A- –

Kansas

WØIUB..113,693- 737-62-A-31
WØGAX...81,260- 479-68-A- –
WØDEP...74,625- 500-60-A-34
KØBSL...67,280- 423-64-A-37
WØYFT...53,006- 389-55-A-32
WØBYV...48,510- 385-63-B-28
KØBXF...23,063- 205-45-A-23
WØWMH..11,135- 131-34-A-13
KØHVR....6724- 84-33-A-10
KØCFT.....160- 8- 8-A- –
WØQQQ (WØLCQ, KØBIX, KNØHNC)
9998- 131-32-A-20

Missouri

KØHEM	107,726-	627-69-A-40
WØEZU	99,964-	665-61-A-40
WØTDR	93,194-	574-65-A-39
WØPUV	74,506-	459-65-A-40
WØWYJ	70,560-	506-56-A-37
WØQWS	60,600-	410-60-A-39
WØFIN	57,173-	425-54-A-38
WØGVT	56,240-	352-64-A-28
WØETV	52,388-	321-66-A-32
WØMHS	36,113-	269-54-A-22
WØYPB	30,144-	232-53-A-20
WØYCA	28,500-	230-50-A-32
WØGUV	28,060-	230-61-B-30
KØAQO	22,110-	201-44-A-26
KNØGJD	5890-	76-31-A-25
KNØDKQ	3080-	51-28-A-25
WØKIK	1960-	49-16-A-13
WØUAW	1215-	27-18-A- 5
WØZLN[9]	3-	1- 1-A- 1
WØEFE (7 oprs.)	66,670-	568-59-B-39

Nebraska

WØBUR	94,013-	547-69-A-27
WØRNH	85,140-	523-66-A-40
WØWLO	84,175-	521-65-A-40
WØDW	76,640-	483-64-A-40
WØYRY	51,404-	349-59-A-34
WØZIN	9625-	112-35-A-10
WØVSR	8910-	108-33-A-17
KØDSJ	2300-	41-23-A- 7
KØBQY	2104-	52-17-A-13
KØEMH/Ø (20 oprs.)	15,120-	184-42-B-35

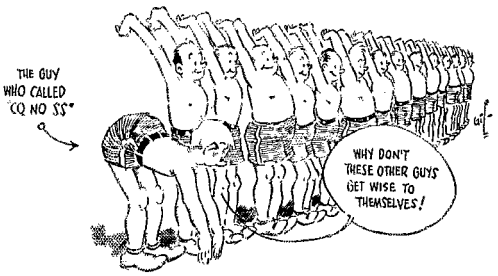
NEW ENGLAND DIVISION

Connecticut

W1TYQ	138,510-	771-72-A-38
W1BIH	123,113-	706-70-A-38
W1FEA	109,895-	714-62-A-40
W1ODW	108,719-	613-71-A-38
W1MHF	85,905-	514-69-A-36
W1ZDP[9]	85,085-	504-68-A-28
W1SVS	75,225-	512-59-A-35
W1VG[9]	62,689-	344-73-A-25
W1GVK	59,850-	400-60-A-33
W1AW[9, 10]	59,000-	500-59-B-19
W1ACR	38,700-	332-48-A-29
W1DDJ	35,535-	309-46-A-28
W1OPY	34,230-	326-42-A-28
W1AMY	23,156-	238-39-A-18
W1CWX	102,506-	578-71-A-39
W1DLF	101,405-	597-68-A-40
W1BOD	101,338-	607-67-A-40
W1AQE	89,613-	535-67-A-39
W1JEL	86,933-	524-67-A-39
W1SAD	71,685-	486-59-A-28
W1EPE	65,344-	511-64-B-34
W1MQV	58,793-	351-67-A-32
W1ONP	46,620-	333-56-A-32
W1EIQ	44,038-	271-65-A-29
W1PEG	37,819-	328-59-B-40
W1NS	34,169-	254-55-A-26
W1MEG	28,119-	205-55-A- –
W1SMO	25,600-	323-32-A-26
W1AGN	25,313-	203-50-A-24
W1FJJ	21,998-	210-42-A-29
W1TVZ	19,731-	226-35-A-14
W1HX	18,907-	130-73-B-35
W1BPA	16,958-	134-51-A-15
W1JVZ	15,844-	163-39-A-22
W1HJP	15,610-	223-28-A- –
W1PLJ	15,480-	129-48-A-25
W1PWK	14,509-	110-53-A-11
W1BPW	13,956-	160-35-A-22
W1UPS	13,808-	134-42-A-19
W1VJE	13,392-	141-48-B-29
W1NPT	10,950-	146-30-A-19
W1IRH	10,931-	134-33-A-21
WN1IUU*	10,114-	150-31-A-40
W1KIN	6970-	82-34-A-12
W1DPB	6938-	111-25-A-27
W1ZXB	6814-	119-22-A-23
WN1NQT	3098-	61-21-A-31
W1ZFS	3025-	55-22-A- 6
W1QVK	2000-	40-20-A-10
WN1KYM	1725-	36-20-A-29
WN1IEF	1318-	33-17-A-12
WN1MIX	1020-	24-17-A-11
W1HP	956-	26-15-A-11
W1TEC	863-	23-15-A- 3
W1VOE	770-	30-11-A-11
W1LNX	293-	13- 9-A-12
W1UJQ	135-	9- 6-A- 8
W1LQQ	23-	3- 3-A- 1
WN1KSI	8-	3- 1-A- 8
W1COL	3-	1- 1-A- 1

Western Massachusetts

W1JYH	135,123-	926-73-B-39
W1EOB	126,801-	869-73-B-35
W1WEF	102,633-	673-61-A-30
W1AZW	33,203-	234-57-A-27
W1FSJ	11,115-	126-36-A-15
W1BKG	9353-	87-43-A- 8



W1QIS[9]	21,550-	216-40-A-13
W1VKZ	20,213-	231-35-A-37
W1NLM	18,724-	151-62-B- –
W1ILV	18,348-	210-44-B-16
W1EFW	16,538-	135-49-A-17
W1JGS	16,313-	226-29-A-37
W1COO	14,186-	119-47-B-18
W1TCW	9875-	158-25-A-20
W1RON	6105-	111-22-A-12
W1JBK	5468-	81-27-A- 7
W1ERW	4433-	100-18-A-15
W1BGP	3800-	76-20-A- –
WN1IWQ*	2280-	41-24-A-13
W1BDI[9]	2210-	34-26-A- 4
W1NJM[9]	1980-	50-16-A- –
W1ASO	1845-	41-18-A- 4
W1KAM	1763-	47-15-A- –
W1GBZ	1573-	37-17-A- 6
W1YYM[9]	990-	22-18-A- 2
W1RFJ	860-	43- 8-A- –
KN1ACC	150-	10- 7-A- 5
W1INB	100-	8- 5-A- 2
WN1NQX	69-	8- 5-A- 9
WN1MDB	30-	4- 3-A- 2
W1IKE[9]	10-	2- 2-A- –
W1ASU	4635-	52-36-A- 7
W1YK[11]	2460-	62-20-B- 5
W1BDV	300-	15- 8-A- 1
W1GNN (W1s GNI GNN)	29,963-	249-51-A-39
W1ZPJ (W1s BDV GHG, WN1s GTZ IFH)	10-	2- 2-A- 1

Maine

W1BCD	51,345-	326-63-A-31
WN1LCX	394-	23- 9-A-11
W1HAG	113-	9- 6-A- 4

Eastern Massachusetts

W1DDF/1	113,750-	651-70-A-40
W1TW	106,663-	610-70-A-35
W1JSM	104,794-	608-69-A-40

New Hampshire

W1BFT	172,885-	975-71-A-40
W1CRW	57,684-	437-66-B-19
W1TRM	23,153-	189-49-A-26
W1HKA	7286-	102-29-A-31
W1IQD	1280-	32-16-A- 3
WN1MTX	3-	1- 1-A- 1

Rhode Island

W1CJH	80,063-	525-61-A-38
W1VBR	55,350-	412-54-A-36
W1RFQ	27,251-	254-43-A-29
W1BIS	24,750-	180-55-A-14
W1CMH	22,500-	250-36-A-16
W1SXX	18,375-	150-49-A-22
W1LWA	11,770-	107-44-A-11
W1FH	10,888-	170-26-A-22
W1UTA	8330-	119-28-A-13
W1AWE	2156-	41-21-A- –
W1DED	1120-	25-19-A- 8
W1ZXA	689-	27-13-B- 6
WN1JWZ (WN1s JWZ KGR)	915-	31-12-A-39

Vermont

W1QMM	47,530-	340-70-B-27
W1UGW	35,123-	223-63-A-17
W1OAK	2562-	61-21 B- 4

Smiling KP4DH copiously distributed West Indies to one and all, taking honors in that section with 100,238 points. When last heard, Frank was batting out about 50 QSOs per hour in the 1957 ARRL International DX Competition.

NORTHWESTERN DIVISION

Alaska

KL7MF	17,325-	165-42-A-14

Idaho

W7WMO	53,520-	339-64-A-34
W7ASA	46,526-	330-57-A-28
W7FBD	15,810-	156-51-B- 6
W7IY	8190-	86-39-A-36
W7ZRC	7556-	100-31-A-17

Montana

W7VGZ	54,653-	352-63-A-38
W7TKB	38,690-	212-73-A-29
W7BMI	1056-	34-13-A- 6

Oregon

W7TML	101,010-	725-70-B-39
W7AOZ	86,681-	523-67-A-39
W7AIJ	42,981-	265-60-A-30
W7LT	37,844-	287-66-B-39
W7ZUD	10,920-	156-28-A-28
WN7CMR	3445-	64-26-A-21
W7AXK	1000-	41-10-A-11
W7JAZ	390-	22-10-A- 8
W7SYF	383-	17- 9-A- 4
W7WQM/7 (W7s JHA WQM)	89,080-	528-68-A-39
W7ADU (W7s ADU DIS)	56,183-	348-66-A-30

Washington

W7GWD	114,210-	638-72-A-37
W7PQE	109,944-	771-72-B-40
W7AJS	108,290-	629-68-A-29
W7LEV	89,355-	521-69-A-35
W7YAQ	65,960-	394-68-A-36
W7WMY	60,468-	383-67-A-32
W7AAT	54,560-	343-62-A-28
W7VRO	42,981-	273-65-A-18
W7ZOI	37,950-	253-60-A-38
W7JJI	26,500-	200-53-A-39
W7FZB	21,330-	159-54-A-18
WN7CNL	20,625-	167-50-A-36
W7VKZ	11,468-	140-33-A-30
W7ETO	11,300-	113-40-A-18
W7HVM	10,814-	107-41-A-19
W7ZUF	10,238-	91-45-A-16
W7MEA	6300-	72-35-A-15
W7FVI	2000-	50-16-A- 5
W3UYN/7	1155-	42-11-A-11
W7SVM	131-	8- 7-A- 2
WN7BUO	3-	1- 1-A- 1
W7YGN (W7s YGN YMW)	65,178-	443-62-A-39
W7QLH (W7s CSK QLH)	12,398-	132-38-A-32

PACIFIC DIVISION

Hawaii

KH6MG	92,140-	542-68-A-34
KH6IJ	89,136-	619-72-B-38

Nevada

W7KEV	173,649-	956-73-A-40
W7VIU	11,704-	134-44-B-11
W7YNO/7	9240-	107-44-B-11
WN7CRT	488-	20-10-A- –

Santa Clara Valley

W6UTV	134,750-	770-70-A-36
W6HOC	124,556-	685-73-A-39
K6DYX	59,295-	444-67-B-38
W6JKJ	52,341-	315-67-A-30
K6LSG	31,650-	211-60-A-26
K6OCI	25,125-	205-50-A-37
W6PBV	24,711-	187-53-A-18
W6CLZ	21,670-	197-44-A-26
W6MMG	2115-	47-18-A- 5
W6EGX	150-	10- 6-A- 1

East Bay

W6PYH	129,666-	713-73-A-40
W6TT	118,808-	651-73-A-34
K6GS	106,380-	591-72-A-38
W6TMX	97,891-	552-71-A-38
K6AUC	69,530-	425-68-A-30
W6IPH	42,880-	335-64-B-27
W6NBX	1855-	53-14-A- –
K6ITZ (K6ITZ, KN6SYR)	23-	4- 3-A- 1

San Francisco

W6BIP	107,164-	734-73-B-40
W6EYY	91,560-	682-70-B-31
K6OPI	55,738-	347-65-A-30
W6YC	42,545-	318-67-A-30
K6AYB	16,575-	129-52-A- –
K6QHI	9735-	179-22-A- –
W6WLV	1733-	33-21-A- 9

Sacramento Valley

K6ORT	93,100-	532-70-A-33
W6OKK	67,830-	400-68-A-33
K6CNE	56,480-	357-64-A-37
W6NHA	55,208-	412-67-B-23
K6ILB	10,165-	108-38-A-20
W6QIV	7175-	82-35-A-21
KN6SXA	2546-	67-21-A-30
KN6TBP	2370-	41-24-A-21
W4AWM/6	1720-	44-16-A- 8

San Joaquin Valley

W6EFV	87,774-	495-71-A-31
W6MYP	79,450-	454-70-A-30
W6BVM	78,767-	542-73-B-26
K6OVJ	51,300-	345-60-A-39
W6HYK	47,120-	300-64-A-27
W6BYH	45,297-	360-63-B-14
W6QXF	25,125-	150-67-A-30
K6HTM	9900-	140-36-A-20
K6JPT	8926-	102-37-A-26
K6OOV	2835-	65-18-A- 9
K6JSY	2430-	43-24-A-11
K6HEA	1080-	27-20-B- 3
KN6PRJ*	400-	20- 8-A-10
KN6TLX	340-	17- 8-A- 5
K6LZU	315-	15- 9-A- 3

K6MBM.....68- 9- 3-A- 3
K6CLK.....40- 4- 4-A- 1
KN6RLX.....35- 4- 4-A- 4
KN6UTK.....23- 3- 3-A- 1

ROANOKE DIVISION

North Carolina

W4LYV...111,599- 621-73-A-40
W5DWT/4 77,726- 497-63-A-25
W4BTZ...54,900- 360-61-A-40
K4LFX...21,336- 255-42-A-27
W4BDU...13,000- 130-40-A-10
W4RFB...11,305- 122-38-A-24
KN4IEX*...4894- 87-27-A-19
KN4KBA...3438- 55-25-A-20
K4IHN.....523- 20-11-A- –
KN4JAK....440- 17-11-A- 4
K4BHN.....383- 17- 9-A- 2
KN4JZE....248- 13- 9-A- 5

South Carolina

W4HGW...86,933- 524-67-A-36
W4ZRH...70,500- 470-60-A-37
W4BWZ...63,365- 441-58-A-40
K4DFR...45,598- 403-46-A-35
K4IUD...20,625- 193-44-A-40
K4EYV...16,215- 139-47-A 20
W4VDG.....370- 19- 8-A- 3

Virginia

W4KFC..219,000-1205-73-A-40
W4YHD..165,710- 910-73-A-39
W4PNK..136,413- 784-70-A-38
W4BZE...127,075- 749-68-A-38
W4IA....114,480- 637-72-A-31
W4TKR..107,453- 644-67-A-39
W4JUQ..102,296- 658-63-A-39
W4CXA...99,720- 554-72-A-35
W4GF....88,751- 564 63-A-34
W4TFX...87,280- 546-64-A-31
W4ZM....83,583- 499-67-A-39
W4GMX...58,499- 483-61-B-37
K4HAA...54,780- 500-44-A-36
W4YZC...54,138- 355-61-A-11
W4JUJ....53,040- 332-64-A-23
W4WBC...49,300- 340-58-A-33
W4YEA...45,120- 376-60-B-30
W4VRT...44,395- 342-52-A-10
K4IKF...40,500- 325-50-A-21
W4SNH...37,560- 313-48-A-16
W4FRO...34,688- 278-50-A-19
K4JKK...33,278- 234-58-A-32
W4PVA...30,993- 253-49-A-34
W4JHK...29,820- 250-48-A-11
W4NH....29,288- 213-55-A-14
W4FJ....28,688- 213-54-A-22
W4JAT...27,150- 181-60-A-13
K4CQA/4.25,174- 206-49-A-20
K4BND...22,400- 224-40-A-33
W4PLS...22,375- 182-50-A-21
K4EZL...19,013- 195-39-A- –
W4IHN...15,695- 108-73-B-30
K4GWO...14,644- 178-33-A-29
W4JUY...12,303- 133-37-A- –
KN4JFE..12,045- 165-33-A-40
W4BLR...11,780- 152-31-A-12
W4NAD...10,450 110-38-A- 7
W4HJK.....9529- 116-33-A-11
K4GLX.....7950- 109-30-A-24
W4ZCL.....7552- 110-32-B- 7
W4FPX.....6606- 76-35-A-13
W4BIJ.....6405- 81-42-A- 6
K4DSD/4...5033- 92-22-A-12
W4PHL.....2900- 50-29-B- 4
K4HVO.....2650- 54-20-A-11
W4BPV.....2255- 41-22-A- 9
W4YE......1573- 37-17-A- 1
K4BJU.....1560- 40-16-A- –
K4AL......1440- 32-18-A- 5
W4HRP.....1354- 29-19-A- 9
W4FZG.....1295- 37-14-A- 3
K4EJG.....1091- 24-19-A-12
KN4KES....860- 26-16-A- 8
K4EZY.....510- 18-12-A- 6
K4CAD.....468- 17-11-A- 1
W4ZIE.....413- 15-11-A- 2
W4IMP.....98- 7- 7-B- –
K4JKL.....90- 9- 4-A- 3
W4WSF.....23- 3- 3-A- 1
K4JVE.....10- 2- 2-A- 1
W4ZCL.....8- 2- 2-B- –
W4KXV (W1UGW, W4KXV)
109,200- 624-70-A-35
K4DKA/4 (K4s DKA JKL)
7020- 104-27-A-11

West Virginia

W8KWI...81,680- 518-64-A-25
W8TDG...46,839- 354-53-A-26
W8SNP...22,052- 302-37-B-16
W8UYR...20,304- 213-48-B-20
W8SWX....7210- 103-28-A-14
KN8CMW..5731- 70-35-A-32
W8MLX....1254- 32-17-A-11
KN8CCO....123- 8- 7-A- 4

ROCKY MOUNTAIN DIVISION

Colorado

WØCDP..129,666- 713-73-A-36
WØSGG...64,181- 410-63-A-28
WØWME..48,000- 324-60-A-35
WØIA....45,225- 304-60-A-34
WØIC....34,461- 274-63-B-19
KØEDK...27,000- 200-54-A-20
KØEDH...21,060- 176-48-A-21
KØBWI.....9263- 95-39-A-18
KØGEU....8750- 100-35-A-25
WØUNM/Ø.4830- 69-28-A-17
WØMYB....1870- 34-22-A- 7
KØEDG....1725- 30-23-A- –
KNØEGJ*...1445- 37-17-A-15
KNØDZJ....1175- 52-10-A-20
WØUIB.....15- 3- 2-A- 3
KNØEQS.....5- 3- 1-A- 2
KØDCC.....3- 1- 1-A- 1
KNØEJG.....3- 1- 1-A- 1

Utah

W7BAJ...67,538- 385-70-A-35
W7POU...25,181- 202-51-A-39
W7TTM...24,295- 229-43-A-26
W7BUY (W7BUY, WØAZT)
8815- 86-41-A-15

Wyoming

W7HYW..64,470- 461-70-B-29
W7HRM..21,471- 211-51-B-10
W7UFB...14,063- 114-50-A-13
W7PSO...12,488- 113-45-A- 7
W7BHH....3843- 53-29-A-10

SOUTHEASTERN DIVISION

Alabama

W4WOG...58,823- 342-69-A-26
W5LOT/4.55,361- 355-63-A-32
W4GUV....47,200- 297-64-A-25
W4USM....21,788- 210-52-B-12
W2GVH/4 13,300- 175-38-B-21
W4EJZ....11,973- 155-39-A-12
K4AIW.....8215- 107-31-A-20
K4CXC.....7640- 96-32-A- 6
W4ZGE.....4691- 70-27-A- 4
K4IVF.....3705- 59-26-A-15
KN4KID...3526- 50-31-A-20
W4CIU.....300- 15- 8-A- 3

Eastern Florida

W4SHW...83,573- 510-66-A-32
K4IXG...83,525- 515-65-A-39
K4EVU...78,199- 501-63-A-40
K4IXC...68,778- 451-61-A-34
W4RWA...67,408- 462-59-A-40
K4DAS....66,439- 481-58-A-39
W4VPD....65,625- 375-70-A- –
W4WHK...61,200- 384-64-A-27
W4DXL/4.41,895- 338-63-B-36
K4KDN....40,165- 277-58-A-17
K4IKQ....21,038- 168-51-A-32
K4DRO....20,210- 174-47-A-16
W4VTJ....13,200- 132-40-A- –

Western Florida

W4WKQ.103,125- 627-66-A-37

Georgia

K4BAI...100,969- 753-67-B-38
W4ZKU...71,355- 506-71-B-35
K4DWF...68,424- 411-67-A-31
WØWFP/4.67,320- 510-66-B-29
W4BEY...66,065- 365-73-A-37
W4FWU...64,739- 387-67-A-37
W4BXV...60,776- 427-57-A-28
K4GGN...48,000- 302-64-A-38
K4HAV...41,663- 304-55-A-29
K4GBL...37,760- 257-59-A-22
K4ANZ...35,554- 250-57-A-31
W4LDD...28,420- 197-58-A-26
W4EGP...27,731- 250-45-A-28
W4YK....26,455- 204-65-B-15
K4HMS...14,580- 112-54-A- –
K4IOV.....1900- 40-19-A- 8
K4HOU.....1650- 33-20-A- 5
K4CXE.....1463- 33-18-A-10
KN4HIG...1401- 42-19-A-16

West Indies

KP4DH..100,238- 616-66-A-35
KP4ZW...32,966- 224-59-A-19

Canal Zone

KZ5BC...19,796- 202-49-B- –

SOUTHWESTERN DIVISION

Los Angeles

W6BJU[12]..198,000-1107-72-A-38
W6YMD..157,096-1079-73-B-34
K6JQJ....153,658- 878-70-A-38
K6CEF...151,840- 832-73-A-37
W6SBB...146,881- 829-71-A-39
K6OIZ....74,100- 456-65-A-34
W6SRT...56,063- 325-69-A-32
K6JBV....48,525- 333-60-A-30
W6KWF...43,350- 389-60-A-28
K6CXF...39,340- 281-56-A-29
W6ACL...34,368- 234-59-A-25
K6GUZ...30,590- 219-56-A-14
W6WKE..30,360- 277-55-B-19
W6CRV...20,213- 165-49-A-19
W6MJF...18,488- 145-51-A-12
K6DQE...18,240- 152-48-A-21
K6IGZ....17,273- 141-49-A-16
K6UYK...16,800- 140-48-A-12
W6AMY...15,480- 131-48-A-31
W6LVQ...14,375- 115-50-A-31
K6PQV....12,240- 136-36-A-15
K6DLY.....9595- 102-38-A-21
W1CUL/6...9204- 101-37-A-31
W6KUC.....8740- 116-38-B-12
K6KZY.....7830- 131-24-A-27
K6BAG/6[13]..7688- 62-62-B- 8
K6LKG.....7425- 92-33-A-12
K6EEZ.....5950- 85-28-A-12
W6UUC.....4650- 60-31-A- 8
W6FUO.....4130- 60-28-A-20
K6JAM.....4125- 57-30-A-18
K6DDO.....3713- 55-27-A- 3
KN6QYG*...3508- 65-23-A-25
K6SHJ.....2400- 50-20-A-20
W6GTR.....1853- 40-19-A-11
KN6PSJ....1628- 54-14-A- –
K6MQN.....1625- 35-20-A- –
KN6QBZ.....975- 27-15-A-13
K6KMD.....900- 23-16-A- 3
K6QIP.....675- 27-10-A- –
W6ZOL/6....510- 17-12-A- 3
K6KME.....360- 17- 9-A- 2
KN6SLM....113- 15- 3-A-24
W6DXZ.....40- 4- 4-A- –
K6PLW.....23- 3- 3-A- 1
K6IBE (K6s CYX IBE)
80,730- 468-69-A-40
K6LBE (K6s LBE MSG)
20,913- 243-35-A-40

Arizona

W7CJZ...119,680- 707-68-A-40
W7EAX...32,592- 294-56-B-16
W7ATV...20,844- 199-54-B-14
W7PUV...10,800- 112-40-A-16

San Diego

W6ZVQ...107,100- 612-70-A-38
W6JVA...103,216- 584-71-A-39
K6LIV....37,950- 256-60-A-29
K6EQL....26,860- 158-68-A-15
K6EJK.....4070- 74-22-A-12
K6LXI.....2125- 43-20-A- 3
K6IWU.....1983- 32-26-A- 7
K6BCG (K6s BCG OLS, KN6ULV)
19,080- 162-48-A-35

Santa Barbara

W6ERB...100,554- 567-71-A-40
W6YK....92,520- 516-72-A-39
K6INI....56,438- 323-70-A-36
K6QNR/6.25,760- 226-46-A-37
W6DTY...17,325- 158-44-A-17
K6CST....15,096- 148-51-B-19

WEST GULF DIVISION

Northern Texas

W5BLU...114,665- 680-68-A-40
K5HLG...113,419- 658-69-A-40
W5DXW.104,563- 600-70-A-37
W5COY...84,105- 543-63-A-25
W5FTD...62,175- 416-60-A-34
W5OC....60,165- 382-63-A-28
W5QF....46,719- 289-65-A-24
W5DLM...41,253- 291-57-A-23
W5DYK...27,540- 204-54-A- 8
W5FCX...25,145- 194-47-A-26
W5OBY...23,136- 243-48-B-27
W5EOZ...21,862- 166-53-A-17
W5FIY....17,625- 153-47-A-40
W5AWT....4495- 73-31-B- 4
W5LBC.....920- 23-16-A- 3
KN5HWY...304- 16- 9-A-11
K5BFP.....11- 3- 3-A- 1
KN5IBR.....3- 1- 1-A- 1
W5GNE (W5s GNE ZKJ)
89,050- 550-65-A-40

Oklahoma

W5EQT...103,360- 672-64-A-39
W5NQF...76,455- 481-64-A-36
W5CYQ...70,880- 450-64-A-34
W5CKT...24,750- 225-55-B-14
W5LPL....10,916- 107-41-A-21
W5FEC.....8701- 102-39-A- 8
K5CBA.....3375- 54-25-A- –

Southern Texas

W5BTS...108,205- 650-67-A-40
W5ABV....78,790- 464-68-A-27
W5JPC....64,020- 388-66-A-33
K5WAC[14].54,648- 416-66-B-28
KN5EZV*.34,583- 262-53-A-34
K5BSZ....18,600- 156-48-A-12
W5CTZ.....2760- 46-24-A- 9
KN5GFF....2670- 55-24-A-31
KN5EAU[15]....10- 2- 2-A- 1

New Mexico

K5CAW...138,006- 794-71-A-38
W5GCT...104,400- 582-72-A-37
W5FTP....88,468- 662-68-B-39
W5KWP...62,144- 408-61-A-40
W5ECP....14,300- 133-44-A-16
W3CCQ/5...7306- 87-35-A-19

CANADIAN DIVISION

Maritime

VO6N.....19,550- 170-46-A-22
VE1CU.....220- 11- 8-A- 1

Quebec

VE2ADD..64,417- 412-63-A-39
VE2BX....43,106- 303-57-A-29
VE2YU....41,025- 275-60-A-21
VE2CP....30,378- 210-58-A-20
VE2AVC...25,530- 222-46-A-23
VE2PZ....17,220- 163-41-A-15
VE2ANQ....3190- 59-22-A-15
VE2AOQ....1425- 30-19-A- 6
VE2AJD.....764- 26-13-A-13
VE2ATT.....200- 11- 8-A- –

Ontario

VE3DSU..110,513- 632-70-A-40
VE3VX[16]..85,593- 512-67-A-39
VE3EAM...85,090- 510-67-A-36
VE3ES....74,725- 494-61-A-39
VE3EU....54,356- 335-65-A-36
VE3DUS...51,258- 357-58-A-39
VE3BXF...48,538- 353-55-A-32
VE3AUU...44,318- 315-57-A-22
VE3ACB...34,190- 263-52-A-26
VE3DH....20,213- 194-42-A-21
VE3BMB..19,650- 131-60-A-25
VE3IR....18,300- 150-61-B-14
VE3RN....17,763- 145-49-A-29
VE3YV....15,222- 177-43-B-16
VE3BLY...13,640- 177-31-A-18
VE3IZ.....7750- 100-31-A- 9
K2INZ/VE3..6885- 82-34-A- 9
VE3DYJ....6510- 85-31-A-23
VE3BAJ.....180- 12- 6-A- 3

Manitoba

W3MCG/VE4
11,019- 108-41-A- 8
VE4YZ.....4640- 73-32-B- 7
VE4WI.....1575- 34-20-A- 7

Saskatchewan

VE5DZ....39,329- 300-67-B-33

Alberta

VE6MA...51,975- 330-63-A-35
VE6SX....12,675- 131-39-A-22
VE6TY....12,470- 118-43-A-11

British Columbia

VE7JO....27,450- 300-63-A-24
VE7AGN..27,084- 233-47-A-31
VE7AC....24,780- 210-59-A-16
VE7JL....14,981- 120-51-A-34
VE7RZ.....200- 11- 8-A- 1

Yukon

VE8JW....64,253- 484-67-B-28
VE8OJ.....4633- 55-34-A- 9
VE8OW.....3706- 56-34-B-25
VE8CN (VE8s AB CN)
30,409- 230-53-A-12

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[1] W3OQJ, opr. [2] W9ZMJ, opr. [3] W9EXP, opr. [4] W8DJN, opr. [5] W8EZE, opr. [6] K2DVT, opr. [7] W2GNP, opr. [8] WØCMU, opr. [9] Hq. Staff, not eligible for award. [10] W1WPR, opr. [11] W1WMH, opr. [12] W6CUF, opr. [13] W6NJU, opr. [14] W6HQN, opr. [15] K5ABV, opr. [16] VE3BHS, opr.

ARRL thanks the following amateurs for submitting their logs for checking purposes: *W1s* SEO UE, W2CVW, W3HTK, *W4s* AUM GGD KOQ NSM, W6MUR, *W7s* CCC FCD HBO RGZ, *W8s* BMX PQQ, *W9s* OML RMQ, *KØs* CML DNU/7, VE2ATL, VE6VO.