

21st ARRL Sweepstakes Results

Part I — C.W.

BY PHIL SIMMONS, W1ZDP

SAYS W5VNW: "Thanks for 40 hours of solid enjoyment. As the operator of a fixed, low-power station, the Sweepstakes is my choice of all the contests." Says W1UTA: "I like the SS because it offers good practice in operating procedure, the thrill of raising new sections, an opportunity to learn how the rig really performs, but best of all, the chance to study the personality of a good cross-section of Hamdom. I have observed with a grin the leisurely fellow whose clock is five minutes slow, the hurry-hurry boy who doesn't wait for a 'roger,' and the operator who CQs 15 times before you find you've already worked him." Says W0BUR: "I like the absence of the cut-throat dog-eat-dog competition that marks some other contests." Says W4CVM: "Conditions were about as near perfect as I can remember them. There seemed to be more of the 'old ham spirit' this year, and all of the regulars were on hand: W3BES, W4IA, W9IOP, W1FTX, W4KFC, W4CIU and many others." Says W8APC: "Judging from the serial numbers



Jack Bryant, W5TFB, was stricken by SS-itis at an early age. Now 17, Jack already has stacked three consecutive North Texas wins, was tenth high nationally and top W5 in the '54 doings.



being sent the second week end, the entire population of the state of Connecticut will be needed to check the logs!"

The foregoing colorful contestimonials show why 1796 entrants (1394 c.w.) enjoyed themselves immensely (and why contest-checker W1CUT, ex-W5TQD, almost went back to Texas). They indicate, too, why the 1954 SS

moves into the record books as the biggest ever held, dwarfing previous highs registered in 1939 and 1953. Griping about contest rules and poor conditions was all but nonexistent as scores rocketed to adding-machine proportions and 84 hard-working section and Novice winners earned certificates for brasspounding.

We're pleased to revive a popular prewar SS feature which listed, among other items, the equipment and bands of the section leaders. Aided by some fast slip-stick fumbling, one finds that there is real thought-food here; e.g.:

- 1) About 85 per cent of the 72 section winners utilized the trusted 20-40-80-meter band combination (although five of them scooped up extra credits on 15 meters).
- 2) Seventy-seven per cent fell in the 100-watts-or-less category, while the rest ran high power.
- 3) The average winner racked up 590 contacts in 66.6 sections for 97,450 points, was active 35 hours with 175 watts input.
- 4) Low-power champ was 25-watt Oklahoman W5WZV.
- 5) One-band champ was South Texan W5WQN with 704 QSOs on 7 Mc.

The set-ups in the tabulation typify the "new look" in SS circles, as compared with the May, 1940 *QST* version, which recorded such bottles as

Md.-Del.-D.C. leader W3JTK settled for 180,540 points, ranked fifth amongst the 1394 c.w. entrants with a 100 per cent home-brew rig. The gadget at the upper right, a photoelectric-keyed CQ SS wheel, gave a good account of itself, Jack reports.



From May 1955 QST © ARRL

***QST* for**

860s, T-40s, HK-254s and 211s in vogue in those days. (And you just can't hardly get them no more!) Riffle through your old-time QSTs and see for yourself what the previous generation of SS enthusiasts worked with.

Now here's a foursome that knows the business

by heart! Each sends code reminiscent of a W1AW Qualifying Run and sports a clean, ether-wrenching signal. Each salted away over 1100 contacts and attained, for the first time in SS annals, a final score in excess of *200,000 points*. Congratulations are in order, then, to W4KVG.

C.W. WINNERS, 21ST A.R.R.L. SWEEPSTAKES CONTEST

Section	Call	Score	Transmitter	Watts Input	Receicer	Bands Used
E. Penna.	W3GHM	147,502	6BA6-6AQ5-2E26-813.....	95	HQ129X	80, 40, 20
Md.-Del.-D. C.	W3JTK	180,540	VFO-807-813s.....	100	Super Pro (modified)	80, 40, 20
S. N. J.	W2GND	85,313	32V3.....	100	HRO60	80, 40, 20
W. N. Y.	W2SSC	133,175	Sig. Shifter-809.....	99	75A3	80, 40, 20
W. Penna.	W3LMM	104,512	BC610E.....	700	NC240D	80, 40, 20
Illinois	W9ERU	157,230	32V1.....	100	75A1, SX43	80, 40, 20
Indiana	W9IOP	208,506	VFO-6AQ5-4-65A.....	100	75A3, DB23	80, 40, 20
Wisconsin	W9RQM	143,080	VFO-813.....	90	HRO50T	80, 40, 20
No. Dakota	W9ARB	103,599	6AG7s-2E26-814.....	100	SX71	80, 40, 20
So. Dakota	W9SMV	19,936	6AG7s-2E26-813.....	350	HQ129X	80, 20
Minnesota	W9YCR	139,650	VFO-807s.....	95	Super Pro	80, 40, 20
Arkansas	W5MSH	92,400	6V6-6L6-812A.....	100	NC240D	80, 40, 20
Louisiana	W5KC	141,468	32V3.....	100	HRO 7	80, 40, 20
Mississippi	W9APY/5	73,371	6AG7s-6AQ5-807-4-250A.....	100	BC348, BC453, SOJ	80, 40, 20
Tennessee	W4TJI	91,803	Sig. Shifter-1625s-814s.....	450-480	S76, DB22A	80, 40, 20
Kentucky	W4KVX	209,553	Sig. Shifter-813.....	80-100	Super Pro (BC453 2nd i.f.)	80, 40, 20
Michigan	W8DUS	113,971	32V2.....	100	75A3, DB23	80, 40, 20
Ohio	W8LQA	146,213	VFO-807-35T.....	100	HQ129X	80, 40, 20
E. N. Y.	W2IPF	80,010	6AG7s-807-813s.....	95	BC312, Q5er, RME10-20	80, 40, 20
N. Y. C.-L. I.	W2IVS	117,775	12AU7-5AU6-5763s-6146.....	95	NC240D	80, 40, 20
N. N. J.	W2TPJ	80,404	PTO-6AQ5s-807s.....	100	BC224	80, 40, 20
Iowa	W9NWX	131,850	Lysco 600-HT20.....	99	SX88	80, 40, 20
Kansas	W9BCI	109,784	32V3.....	95	SX28	80, 40, 20
Missouri	W9LLU	64,103	6AU6-6AG7-807.....	30	SX71	80, 40, 20, 15
Nebraska	W9URB	109,395	VFO-Viking II.....	95	SX71, FL8A	80, 40, 20
Connecticut	W1B1H	101,250	VFO-Bandbox-6146.....	80	HQ129X, Q5er, FL8A	80, 40, 20
Maine	W1IKE	81,453	VFO-Bandbox-6146.....	90	75A3	80, 40, 20
E. Mass.	W1IAP	106,225	310B (exciter-amp).....	100	75A2	80, 40, 20
W. Mass.	W1JYH	119,340	310B-4-125A.....	100	HRO5	80, 40, 20
N. H.	W1ARR/1	102,935	32V2.....	95	75A2	80, 40, 20
R. I.	W1CJH	64,481	VFO-813.....	90	75A1	80, 40, 20
Vermont	W1RWP	58,476	BC457A-6L6s-814s.....	150-250	BC342J, Q5er	80, 40, 20
Alaska	KL7EVRA	43,330	6S5J-6AC7-6AG7-4E27.....	95	BC348Q	40, 20
Idaho	W7TYG	14,006	VFO-6AG7-1625s.....	100	Homebuilt super	80, 40
Montana	W7KVU	202,210	5100.....	100	75A3, DB23	80, 40, 20, 15
Oregon	W7GEB	116,253	310B-813.....	100	75A2	80, 40, 20
Washington	W7NLI	126,114	VFO-4E27.....	100	NC200	80, 40, 20
Hawaii	KH6JJ	32,670	4-250As p.a.	1000	HQ129X	40, 20
Nevada	W7KEV	168,448	VFO-807-4-65A.....	100	HQ129X	40, 20
Santa Clara V.	W6HOC	127,294	6AK6s-6AG7-6AQ5s-4D32.....	95	Super Pro	80, 40, 20
East Bay	W6TT	78,768	4-250As p.a.	600	75A3	80, 40, 20
San Francisco	W6BIP	72,781	6K7-6SK7-6L6-6AG7s-6L6-813-VT127As	500	SX28, Q5er	80, 40, 20, 15
Sacramento V.	W6MYT	27,775	ARC5-807-4-125As; ARC5-807-T40s	125; 650	SX28A	80, 40, 20
San Joaquin V.	W6MPG	47,439	Sig. Shifter-1625s-304TL.....	750	SX25	40, 20
No. Carolina	W4VHH	69,370	6V6-6L6-809.....	100	HQ129X	80, 40, 20
So. Carolina	W4T4L	68,741	HT18-6146s.....	100	HR05	80, 40, 20
Virginia	W4KFC	203,850	VFO-807-257B.....	100	75A2	80, 40, 20
W. Virginia	W8PQQ	52,488	VFO-304TLs.....	700	75A2	80, 40, 20
Colorado	W9EWH	79,275	6AG7s-6L6-2E22-822s.....	100	SX71	80, 40, 20
Utah	W7QDM	85,844	6AG7s-807s.....	90-95	BC348	80, 40, 20
Wyoming	W7HRM	69,438	VFO-807-813.....	300	NC200, DB20	80, 40, 20
Alabama	W4RAL	64,654	VFO-12A6-12SL7-12A6-1625s.....	95	SX28	80, 40, 20
E. Florida	W4LVV	101,756	310B-813.....	95	HRO	80, 40, 20
W. Florida	W4WKQ	109,743	VFO-813.....	95	HR07A	80, 40, 20
Georgia	W4FCB	62,712	Viking II.....	150	HQ129X	80, 40, 20, 15
West Indies	KP4AAC	31,625	813s p.a.	90	HR050, BC453, Q5er	40, 20
Canal Zone	KZ5NB	4900	6AG7-6V6-807s.....	35	Homebuilt 8-tube super	20
Los Angeles	K6CEF	130,123	5814-6AU6-5763s-6146.....	100	75A3	80, 40, 20
Arizona	W4KMF/7	82,800	BC459-6L6s-814.....	100	HQ129X, Panadaptor	40, 20
San Diego	W6EPZ	142,076	4-250As p.a.	100	75A1	40, 20
Santa Barbara	W6ULS	119,653	32V2.....	95	75A1, preamp.	80, 40, 20, 15
No. Texas	W5TFB	152,479	HT18-HT20.....	100	S76, Hetrofil	80, 40, 20
Oklahoma	W5WZV	41,120	TBS50.....	25	SX28	80, 40, 20
So. Texas	W5WQN	121,440	6AK5s-5763-2E26-4-65As.....	100	SX25, BC348, Q5er	40
New Mexico	W5QNZ	126,936	VFO-829-304TL.....	1000	HR060 (plus i.f. strip)	80, 40, 20
Maritime	VE1AR	103,850	VFO-6AG7-814-810s.....	90	HQ129, Q5er, SOJ	80, 40, 20
Quebec	VE2BX	56,560	5763-6C4-6AG7-2E26-807W.....	75	SX25	80, 40, 20
Ontario	VE3AUU	62,235	6C4-6AQ5-807s; 6C4-6AG7-2E26-813	95	HQ129X	80, 40, 20
Manitoba	VE4MX	45,900	6AG7-6L6-2E26-812A.....	100	HQ140X	80, 40, 20
Saskatchewan	VE5CW	44,756	VFO-Viking II.....	115	HQ129X, DB22A	80, 40, 20
Alberta	VE6ZR	42,776	BC221-6AC7s-807.....	70	SX28	80, 40, 20
B. C.	VE7ZK	62,245	6C4-6AQ5s-6146.....	75	NC240D	80, 40, 20

for his all-time record-smashing 209,353-point tally, and to W9IOP, W4KFC and W7KVU for their totals of 208,506, 203,850 and 202,210, respectively.

And for their savvy and downright stick-to-it-iveness, plaudits and salaams to these others who broke 125,000: W3JTK 180,540, W7KEV 168,448, W3EIS 165,638, W9ERU 157,230, W9YFV 154,030, W5TFB 152,479, W3GHM 147,502, W8LQA 146,213, W3FRY¹ 145,726, W8BTI 144,540, W9RQM 143,080, W6EPZ 142,076, W5KC 141,468, W3AEL 140,875, WØYCR 139,650, W3JBC 134,502, K6BLL¹ 133,590, W2SSC 133,175, WØTKX 133,043, W3CTJ 132,313, WØNWX 131,850, W9NPC 131,823, W3BES 130,488, W3GRF 130,315, K6CEF 130,123, W4PNK 129,634, W9PNE 129,330, W3JTC 128,845, W6HOC 127,294, W5QNZ 126,936, W7NLI 126,114, W8EV 125,925.

Section-hunting remains the favorite pastime of a goodly share of the gang, and it's quite an art. Here is the sharp-eared crew that bagged all 73 ARRL sections in '54: W1s EOB JTD ZDP, W2FEB, K2BZT, W3s ADZ ALB BES CTJ FRY JBC JNQ JTC KT, W4s KVX YFA, W5TFB, W6s BIP EPZ HOC MUR PYH ULS UTV YK, K6s BLL CEF, W7s GEB KEV KVU PQE, W8s DUS EV, W9s IOP RQM YFV, WØTKX. Note that all U. S. licensing areas made the grade. Saskatchewan, Yukon/N.W.T. and Idaho would seem to be the toughies; 17 of the 37 experts named one of the three as the last section snagged. But K2BZT, who made the "clean sweep" in just 257 contacts, and ex-W1AW op W1JTD, who did it in 310, are the two who worked the *mostest* with the *leastest*. Choosy WØQDF likewise merits honorable mention for getting 72 out of a mere 74 QSOs.

Heartening indeed are the many friendly new faces that crop up yearly in the special Novice competition which the Sweepstakes affords. When three or more KN/WN people enter logs from a given section, the leader nabs an appropriately-endorsed Novice certificate. The following yearlings earn a burst of applause, and the certificate as well, for graduating *magna cum laude* from their first venture into contest capers: W1Ns BLD CDD, KN2HXR, WN3ZKH, WN5HIS, KN6EVR, WNs SRK TGB, WN9s GBC HAH IGV, WNØSQE. See you in the '55 SS minus the "N," fellows!

¹ Multioperator station.

Sidelights

Lavish antenna systems were brought into play by the 200-grand quartet. W4KVX relied on 280- and 405-foot zeps, a 7-Mc. ground plane, and a 14-Mc. beam; all four were suspended from or mounted on telephone poles. W9IOP found an end-fed 136-foot wire, a 40-meter ground plane, and a 20-meter rotary to his liking; and so did W4KFC, who utilized an identical bunch of skyhooks. Out west, W7KVU made that huge signal even huger with such paraphernalia as (1) for 80 meters, a wire 12 wavelengths long and a half-wave zep; (2) a 7-Mc. ground plane and zep; (3) 3-element wide-spaced rotaries for 15 and 20. . . . Lament from multiops W3s WIE WIF at close of festivities: "Brother, are we tired." (Boys, you weren't alone!) . . . W8CUP says his FL8A filter saved the day. . . . W2BRC got 43,935 and W2CJM 13,069 points with attic antennas. . . . W2MUM pounded brass for the Order of BO (Boiled Owls). . . . Overheard on 20 the last Sunday: W1JYH



Budding contesteer Dick Brandt, KN2HXR, E. N. Y. Novice winner, got the most markers registered by a KN/WN in SS competition — over 10,000. For further news of Dick's operating sojourns, see the Novice Round-up results on page 50.

explaining the rules to W1KGH/VE8. After Rog had paved the way, the mob descended. . . . K2ENO broke in a new SX-24 and got 7 additional states. . . . Anchor man for Ohio Valley Amateur Radio Association was 2-watt W8BAE. . . . Those who swapped messages with Iowan WØNWX unwittingly nailed FO8AJ/WØ. Bob was using the transmitter-inhaler combo of the famous Clipperton DXpedition (July, 1954, *QST*). . . . W9FVD is positive his code speed improved as a result of struggling with weak sigs in the QRM. . . . In '53 WNIYMA made 34 QSOs, in '54 W1YMA got 741! How's that for improvement! . . . W4LVV found conditions good except for one weird 90-minute spell on 20 meters when it was impossible to raise anyone, although incoming signals were strong. . . . W6OAY is confident QSLs will come through from several new states worked. . . . W3ZQU/5 landed 23,490 points with a 24-watt transformerless rig. A voltage doubler juiced the p.p. 117L7s in the crystal oscillator circuit. Dimensions: a pocket-sized 4-by-4 inches. . . . KV4BK, ex-7CO (1912), 6RX (1920), and W5RX (1947), enjoyed the "other side of the fence" despite fierce QRM. QRT for 20 years, Charles

NOVICE C.W. WINNERS, 21ST A.R.R.L. SWEEPSTAKES CONTEST

Section	Call	Score	Transmitter	Watts Input	Receiver	Bands Used
Md.-Del.-D. C.	WN3ZKH	5003	Viking II. . . .	75	HRO5	80, 40, 15
Illinois	WN9GBC	3250	807s p.a. . . .	70	SX42	80
Indiana	WN9IGV	6695	6AC7-6L6-807. . . .	60	NC125	80
Wisconsin	WN9HAH	2640	AT1. . . .	35	S76	40
Michigan	WN8SRK	468	AT1. . . .	15	SX71	80
Ohio	WN8TGB	3313	AT1. . . .	30	NC98	80, 40
E. N. Y.	KN2HXR	10,036	AT1. . . .	35	S40B	80
Iowa	WNØSQE	3413	Ranger. . . .	65	S76	80, 40
Connecticut	WN1CDD	3803	Globe Scout. . . .	50	S40B	80, 40, 15
E. Mass.	WN1BLD	5740	TBS50. . . .	50	HQ129X	80
Los Angeles	KN6EVR	8229	Viking II. . . .	75	NC173	80, 40
No. Texas	WN5HIS	2719	Lysco 600. . . .	50	SX28A	80, 40, 15

returned to top c.w. form rapidly in the SS. . . . Alaskan pace-setter KL7EVR apologizes for his difficult-to-read log transcribed at 16,000 feet during a KL7-to-W7 flight. . . . A 2-tube regen job performed the receiving chores for W6FAR. . . . W4KFC's 1183 stations worked in '53 is still tops. . . . With the same 30-watter he had last year as a Novice, W9YOS was tickled to multiply his score by 3. . . . W4KVX employed a card logging system complete with automatic time stamp and numbering machine to assist in avoiding or nullifying repeat QSOs as they occurred. . . . W8OTK thanks the boys for QRSSing for him his first time out. . . . W7PQE got ten KL7s but had to cajole VE5 and KH6 non-SSers into swapping preambles. . . . Complete break-in system (March, 1954, *QST*) — using tubes for antenna-switching and receiver-quieting — worked great at W7GEB. . . . We can thank WIRWP for increased Vermont activity. Stan has been carrying on a feverish one-man campaign to get better representation from that elusive section. . . . W4KMF/7 avows the competition in Arizona is considerably less rugged than it was in Virginia. . . . W5WZV captured his first SS scalp since 'way back in '36 and '37 when he earned Philippine honors as KA1US. . . . W1WAI snared his 48th state, learned much about when to work which bands. . . . W1IAP used a receiver-controlled VFO on 7 Mc. . . . W9RQM's XYL presented him with a new junior op during the SS. . . . The last 25-cycle power areas were being converted to 60 cycles near VE3ACB and intermittent power leaks held down his score. . . . W4KFC tells a little tale about a newly-recruited Potomac Valley member, W4NQM. Sparkie was calling a Vermonter when his key actually fell apart, whereupon he scooped up a screwdriver, finished the call with the blade, and landed the Vermont station! . . . "My first SS in 19 years. The last time I entered, as W2BMX, I won for E.N.Y. with two crystals, 152 contacts. Needless to say, I was feeling my way in this one. Just wait 'till next year!" — *W4CXA*. . . . "What a wonderful time! The SS seems to get better every year. Conditions were the best that I can remember, and operating proficiency and signal quality were better than ever before. Chirps, yoops and clicks were at a low ebb, making operating a distinct pleasure. . . . Some sort of award should be given to the XYLs who are the backbone of a good score. Where would we be without the hot coffee, special meals at off-hours, and plentiful supply of sharp pencils and log sheets. Yes, they deserve a big hand for their help!" — *W7KVU*. . . . "Surprised to end up with the same number of contacts (499) in 21st as in 20th SS. Also was lucky enough to have Vermont and VE8 reply to my CQ machine." — *W6BIP*. . . . "Wonderful contest! Found 21 Mc. wide open but nobody there; 14 Mc. best band out here." — *W7GEB*. . . . "The 20-watt transmitter that gets RST 599 1000 miles away on 3.5-Mc. SS eve, when the customary handful of stations are tuning up for the event, is fairly ineffective in the melee starting at 1800 EST the next day, but 75 to 100 watts does the job FB. You can get the contacts with lower power but you have to work hard and be discouragingly patient. Every year, though, I'm back with more determination than ever." — *W8DM*. . . . "First contest and it was a barrel of fun." — *W8IRO*. . . . "My object each year has been to work all sections. Thought I had it this time when a VE8 answered but discovered too late that I had missed Sacramento Valley. Oh well, maybe *next year!*" — *W8ZJM*. . . . "Wow, what a battle! Heard the W6s working WIQMM (Vt.) on 20 but couldn't find him. My family is beginning to speak to me again!" — *W8LMM*. . . . "Gained valuable operating experience and learned how to tune up the rig in a hurry." — *W0TLD*. . . . "Conditions excellent the first session and almost as good the second. Sections I usually have trouble logging were in abundance, but there seemed to be a dearth of K25, VE5 and VE8 participants. This was my twelfth SS." — *W0YCR*. . . . "Bettered

previous scores made as W3UVB and W8YJE and finally went over 100,000 points. No repeat contacts thanks to my first use of ARRL Operating Aid No. 6." — *W4CVI*. . . . "My second SS and pleased to better last year's score considerably. A foolproof break-in system is a must!" — *VE2CB*.

Next month — be the good Lord willing! — we'll bring you a symposium of club and 'phone highlights, including an A3 equipment tabulation and such photographs as we can muster. Di-dah-di-di-dit!

C. W. SCORES Twenty-First Sweepstakes Contest

Scores are grouped by Divisions 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 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 score. . . . Example of listings: W3GHM 147,502-831-71-A-39, or, final score 147,502, number of stations 831, 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, with calls of participants in parentheses.

ATLANTIC DIVISION

Eastern Pennsylvania

W3GHM	147,502-831-71-A-39	W3MJB	20,800-208-40-A-27
W3JBC	134,502-737-73-A-38	W3TJN	18,662-217-43-B-27
W3CTJ	132,313-725-73-A-35	W3UOE	5,588-201-35-A-11
W3BES	130,488-719-73-A-39	W3VXQ	17,595-202-35-B-26
W3CPV	116,200-664-70-A-40	W3DPJ	17,538-155-45-A-21
W3EQA	112,590-626-72-A-38	W3DYL	15,502-169-46-B-14
W3JNQ	111,325-610-73-A-38	W3VVJ	15,080-210-29-A-21
W3DLR	103,680-576-72-A-38	W3WHJ	10,153-133-31-A-21
W3ALB	99,280-544-73-A-30	W3QLI	9975-133-30-A-11
W3IXN	82,283-477-69-A-27	W3VDV	8080-101-40-B-8
W3ADZ	81,030-444-73-A-30	W3DWR	6900-120-23-A-10
W3HMK	75,098-485-62-A-40	W3TDF	5606-100-23-A-14
W3KTC	75,008-411-73-A-30	W3CLC	5394-93-29-B-6
W3BIP	74,120-436-68-A-35	W3UUA	5280-88-24-A-3
W3CPV	69,300-396-70-A-30	W3PXX	4518-70-26-A- -
W3KDF	66,185-427-62-A-26	W3HTR	11,750-100-47-A-24
W3MWV	64,508-423-61-A-39	W3GSD	11,550-140-33-A- -
W3LEZ	63,860-412-62-A-17	W3WHJ	10,153-133-31-A-21
W3NKH	62,865-381-66-A-14	W3GAG ²	3575-65-22-A-7
W3EVW	56,871-351-61-A-25	W31MN	3341-52-27-A-15
W3SEH	55,500-370-60-A-31	W3VAX	3150-70-18-A-1
W3GHD	55,500-325-67-A-31	W3JLB	2940-56-24-A-6
W3ARK	54,280-325-67-B-33	W3VHX	2940-62-21-A-18
W3RAF/3	51,693-357-58-A-32	W3XWU	2675-61-18-A-15
W3MDE	47,925-270-71-A-32	W3ANZ	2600-50-26-B-15
W3MWL	45,360-320-72-B-23	W3HOC	2250-60-15-A-17
W3TYW	43,734-307-59-A-40	W3VLL	1381-33-17-A-14
W3MDO	42,075-281-60-A-34	W3WWD	245-14-7-A-3
W3TPC	33,810-322-42-A-34	W3PNL	175-10-7-A-1
W3QBD	32,873-245-54-A-37	W3ZPT	15-3-2-A-1
W3CHH	32,688-262-50-A-16	W3VXP	10-4-1-A-3
W3RRI	32,336-378-45-B-40	W3FRY (W3s BES LVE)	145,726-801-73-A-33
W3ADE	31,175-215-58-A-18	W3OVV (W3s KT OVV)	54,060-318-68-A-18
W3SOH	30,070-194-62-A-24	W3KJH (W3s KJH YEK,	
W3CGS	28,875-210-55-A-19	K2GVV) 23,449-242-39-A-35	
W3ENH	27,945-243-46-A-24	W3EAN (W3s EAN ZBN)	
W3KFK	27,840-233-48-A-32		22,000-250-44-B-11
W3SQX	24,558-209-47-A-13		



With this spiffy layout, John Ryan, W7KVU, brought home a blistering 202,210 points and the Montana wall-paper. When he feels like creating additional db. for DX chasing, John uses the B & W 5100 to excite p.p. 4-400As at one kw.

May 1955

From May 1955

©ARRL

W4YE (W4s YE YZC)
 82,960- 611-68-B- -
W4YZC (W4s YE YZC)
 67,904- 532-64-B- -
W4ZYV (W4s ASJ ZYV)
 963- 28-14-A- 7

West Virginia

W8PQQ... 52,488- 365-72-B-30
W8UMR... 47,515- 280-68-A-25
W8TDG... 41,976- 318-66-B-27
W8JWX... 39,043- 341-46-A-33
W8UYR... 33,060- 294-57-B-28
W8KDJ... 30,160- 212-58-A-16
W8HZA... 28,951- 219-53-A-16

ROCKY MOUNTAIN DIVISION

Colorado

W0EWH... 79,275- 453-70-A-30
W0CYT... 65,835- 418-64-A-32
W0IC... 63,998- 372-69-A-23
W0SJT... 49,630- 358-56-A-39
W0ANW... 40,975- 304-55-A-36
W0JPI... 35,945- 285-52-A-27
W0RDM... 21,675- 172-51-A-29
W0BON... 4896- 70-36-B-10
W0PGN... 4388- 61-30-A-15

Utah

W7QDM... 85,844- 523-67-A-40
W7QDJ... 59,440- 373-64-A-30
W7CCC... 46,160- 292-64-A-20
W7RRJ... 30,533- 207-59-A-20
WN7WLD... 184- 13- 7-A-10

Wyoming

W7HRM... 69,438- 490-71-B-27
W7PSO... 49,995- 304-66-A-29
W7UFB... 10,725- 100-44-A-15
W7PMA... 6660- 74-36-A-14
W7TPX... 6375- 88-30-A-18
W7RVO... 4200- 56-30-A- 9

SOUTHEASTERN DIVISION

Alabama

W4RAL... 64,654- 413-63-A-32
W4CEB... 56,935- 404-59-A-38
W5ONL/4... 50,478- 333-61-A-23
W4WOG... 31,655- 245-65-B-24
W4YRO... 18,213- 156-47-A-26
W4FMW... 15,435- 126-49-A-17
W4DGP... 14,663- 178-34-A- -
W4ZSH... 7942- 107-38-B-18
W4DGY... 5425- 82-28-A-31
W4TKL... 462- 21-11-B- 3
W4CIU... 315- 14- 9-A- 6

Eastern Florida

W4LVV... 101,756- 612-67-A-40
W4WHK... 76,294- 470-65-A-40
W4LOM... 57,525- 361-65-A-21
W4RTX... 37,763- 265-57-A-20
W4DXL... 26,624- 260-52-B-28
W4BCF... 8138- 119-31-A-29
W4IYT... 4290- 65-33-B- 4
W4DFU (W4s CKB OGI)
 41,020- 300-56-A-22

W4WEC (W4s WEC YSF)
 34,775- 280-52-A-34

W4AGK (W4s AGK UHC)
 8512- 115-38-A-32

Western Florida

W4WKQ... 109,743- 672-66-A-40
W4ZAE... 75,904- 600-64-B-35
W4CHZ... 47,198- 326-58-A-29
W4BIJ... 10,761- 106-51-B-13

Georgia

W4FCB... 62,712- 436-72-B-31
W4BQF... 25,573- 193-53-A-30
W4YK... 16,320- 120-68-B-18
W4BYJ... 13,493- 132-42-A-18
W4BXV... 8168- 101-33-A- 9
W4GGD... 6825- 70-39-A- 8
W4GSP... 4538- 67-30-A-26
W4WRV... 1063- 26-17-A- 6

West Indies

KP4AAC... 31,625- 232-55-A-33
KP4DJ... 25,700- 259-50-B-23
KP4ZW... 23,459- 198-49-A-32
KV4BK... 11,025- 105-42-A-19

Canal Zone

KZ5NB.... 4900- 57-35-A-17

SOUTHWESTERN DIVISION

Los Angeles

K6CEF... 130,123- 714-73-A-38
W6SBB... 89,010- 663-69-B-38
W6ULD... 86,423- 501-69-A-36
W6HJK... 73,700- 444-67-A-40
W6MUR... 73,000- 500-73-B-18
K6AUZ/6... 51,450- 294-70-A-28
K6GLS... 48,128- 314-62-A-37
W6NKR... 39,488- 312-64-B-19

K6BWD... 38,625- 258-60-A-39
K6ASL... 30,625- 250-49-A-26
W6UED... 22,612- 201-45-A-24
W6OAY... 17,494- 156-45-A-21
W6ACL... 15,730- 143-44-A-29
W6MBW... 15,566- 181-43-B-19
K6CSP... 11,563- 125-37-A-23
W6JKR... 9867- 128-39-B- 9
W6UUC... 8514- 99-43-B- 9
KN6EVR*... 8229- 114-29-A-46
K6CUX^{II}... 7576- 106-29-A-10
K6BNV... 6743- 94-29-A-26
W6LVQ... 5280- 66-32-A-10
K6EWL... 5168- 76-34-B-19
KN6ELX... 4938- 63-25-A-29
K6BFK... 3200- 82-16-A-17
W6FEB... 3120- 60-26-B- 8
K6DNH... 3105- 55-23-A-13
W6RNA... 2800- 50-28-B- 8
K6DGX... 2795- 112-13-B-26
W6LIT... 2475- 56-18-A- 8
K6CHQ... 2063- 33-25-A- 5
K6DKA... 1675- 35-20-A-11
K6GUZ... 1463- 41-15-A-22
W6ZOL... 1188- 25-19-A- 3
K6CDW... 764- 25-13-A- 5
KN6GPK... 260- 15- 8-A- 8
KN6HAN... 260- 13- 8-A- 9
K6DDO... 119- 10- 5-A- 8
K6CXF (K6CXF, KN6IDB)
 2280- 50-19-A-23

Arizona

W4KMF/7 82,800- 499-69-A-35
W7RZQ... 71,020- 425-67-A-35
W7UYE... 9799- 106-39-A-25
W2ZEP/7... 3770- 58-26-A- 7
W7SX... 3220- 60-28-B- 6
W7PUV... 259- 12- 9-A- 3
W7VMP (W7s VMO VMP VMQ)... 74,621- 532-71-B-40

San Diego

W6EPZ... 142,076- 779-73-A-36
K6AM... 59,850- 401-60-A- -
W6JVA... 40,275- 273-60-A-40
W6CRT... 26,000- 200-65-B-21
W6LJQ... 24,290- 174-56-A-15
W6GBG... 17,531- 129-55-A-20
K6AQO... 13,755- 132-42-A-15
K6DNL... 11,475- 131-36-A-25
K6EQL... 11,055- 134-33-A-12
K6EBH... 1620- 38-18-A- 8
W6KXN (W3s SLQ VOU, W4TMH)... 71,967-539-69-B-40
K6DGB (W6EDG, K6DGB)
 43,500- 303-58-A-40

Santa Barbara

W6ULS... 119,653- 659-73-A-40
W6YK... 71,358- 397-73-A-40
K6ASB... 56,270- 332-68-A-35
K6CST... 25,688- 248-52-B-38
W6BOK... 18,741- 160-47-A-22
W0RRK/6... 5063- 82-25-A-27
W6OTO... 4725- 67-28-A-10
K6CKU... 3465- 78-18-A-17
W6SNI... 1314- 37-18-B- 6

WEST GULF DIVISION

Northern Texas

W5TFB... 152,479- 836-73-A-40
W5BJA... 101,948- 593-69-A-40
W5COY... 82,283- 496-69-A-37
W5CAY... 59,520- 400-64-A-35
W5CUO... 55,025- 355-62-A-27
W5IHM... 54,810- 435-63-B-31
W5OC... 54,750- 366-60-A-32
W5LOT... 42,780- 280-62-A-25
W5VNW... 38,220- 333-60-B-37
W5QF... 30,690- 249-62-B-26
W5AEV... 27,685- 230-49-A-29
W3BQU/5 23,490- 177-54-A-27
W5AHC... 26,434- 205-53-A-25
W5EGX... 5616- 80-36-B-10
WN5HIS*... 2719- 51-25-A-16
W5ZWR... 2125- 34-25-A- 5
W5ZOY... 1825- 39-20-A- 6
WN5FTD... 1240- 31-16-A-17
WN5GNE... 840- 24-14-A-18
W4TRY/5... 349- 16- 9-A- 4

Oklahoma

W5WZV... 41,120- 257-64-A-27
W5ZZJ... 38,080- 344-56-B-37
W5NQF... 11,250- 100-45-A-19
W5BBB... 10,591- 115-37-A-21
W5CKT... 10,387- 111-47-B- 9
W5LPL... 7695- 83-38-A-14
W5VBD... 160- 9- 8-A- 4
W5BCJ... 55- 7- 4-A- 4
W5BDL (W5s BDL CKT)
 6552- 78-42-B-15

Southern Texas

W5WQN... 121,440- 704-69-A-40
W5BTS... 114,188- 661-70-A-40
W5ZD... 96,769- 596-65-A-40
W5BLA... 18,448- 158-47-A-28
W5TFZ... 4900- 59-35-A-15
W5AKS... 4865- 70-28-A-22
W5YXW... 2028- 40-26-B- 9
W5AER... 630- 21-12-A- 3
WN5GQN... 300- 16- 8-A-18

(Continued on page 136)

W5ULN 200- 10- 8-A- 3
WN5EAO 26- 5- 3-A- 4
W5YXH (W5s EGD YXH)
 68,805- 417-66-A-46

New Mexico

W5QNZ 126,936- 887-72-B-38
W5VRP 111,240- 621-72-A-38
W5CA 48,675- 300-66-A-20
W5KWP 41,111- 290-57-A-28
W5QVZ 23,484- 206-57-B-30
W5UWA 10,880- 136-40-B-17
W5AWN 4675- 56-34-A-13
W5YKB 864- 27-16-B- 3
WN5FHL 10- 2- 2-A- 2

CANADIAN DIVISION

Maritime

VE1AR 103,850- 678-62-A-39
VE1AY 83,555- 492-68-A-37
W4KVM/VO6
 24,439- 172-57-A-27
VO6N 13,140- 146-36-A-40
VO6U 2444- 43-23-A- 6
VE1CU 2243- 39-23-A- 4
VO6AH 510- 18-12-A-11

Quebec

VE2BX 56,560- 405-56-A-36
VE2PZ 20,746- 228-46-B-20
VE2ADD 8514- 100-43-B-14
VE2CB 5303- 102-21-A-10
VE2CP 3750- 60-25-A- 7
VE2OL 2940- 56-21-A- 4

Ontario

VE3AUU 62,235- 474-54-A-38
VE3QE 61,596- 522-59-B-39
VE3ACB 55,770- 338-66-A-33
VE3DRD 50,540- 370-56-A-36
VE3DBP 44,451- 419-43-A-38
VE3EAM 44,033- 309-57-A-37
VE3BXF 26,069- 243-43-A-27
VE3BHS 25,650- 181-57-A-28
VE3EAU 20,470- 178-46-A-20

VE3YV 18,408- 177-52-B-24
VE3BUR 15,170- 154-42-A-12
VE3BJV 14,153- 170-34-A-26
VE3AVS 13,867- 142-49-B-22
VE3DQX 4550- 91-20-A- 5
VE3DFE 4025- 58-28-A-12
VE3DME 2703- 49-23-A-12
VE3BSW 2520- 51-21-A- 9
VE3AR 2125- 34- 4-A- 3
VE3DLS 935- 22-17-A- 9
VE3DSG 20- 4- 2-A- 4
VE3DNK 15- 3- 2-A- 1
VE3UOT (VE3s AQO DAT)
 21,244- 227-47-B-20

Manitoba

VE4MX 45,900- 312-60-A-30
VE4GB 2610- 47-29-B-10
VE4MT 1140- 31-16-A- 6
VE4SU 768- 25-16-B- 8
VE4HS 420- 15-14-B- 4
VE4ER 75- 6- 5-A- 1

Saskatchewan

VE5CW 44,756- 337-67-B-25
VE5DZ 25,315- 218-61-B-36

Alberta

VE6ZR 42,776- 283-61-A-34
VE6NX 33,975- 231-60-A-22
VE6CE 20,295- 186-44-A-34
VE6AJ 14,800- 149-50-B-26
VE6OS 11,655- 131-36-A-21
VE6SX 8750- 105-35-A-31
VE6HM 1825- 37-20-A-11
VE6VG 1781- 48-15-A-14
VE6TY 1260- 35-18-B- 5
VE6KW 561- 26-11-B- 4
VE6AL 260- 13- 8-A- 3

British Columbia

VE7ZK 62,245- 422-59-A-32
VE7YR 45,988- 283-65-A-29
VE7MW 42,413- 306-58-A-30
VE7QC 26,190- 244-54-B-28
VE7AC 18,571- 190-49-B- -

¹ W3ULI, opr.; ² W3PST, opr.; ³ K2IKS, opr.; ⁴ W2BRA, opr.; ⁵ W8CEL, opr.; ⁶ Hq. Staff, not eligible for award; ⁷ W1QIS, opr.; ⁸ W3PZW, opr.; ⁹ KL7AKE, opr.; ¹⁰ K6BBD, opr.;
¹¹ WØHAW, opr.