

Results, 21st ARRL DX Contest

Entries Rise for Fourth Straight Year; 328 Earn Certificates

BY PHIL SIMMONS, W1ZDP

"How high can scores go in an ARRL DX Contest? That question comes to mind each year when we analyze entries in these periodic contests of DX operating skill. And each year we say to ourselves in answer, 'This is it. We've reached the leveling-off point. It's impossible for scores to go any higher!' We've been wrong . . . which proves that impossible goals have just not appeared on the DX Contest horizon, at least not for the experienced DX operator who comes up annually with new score records or the neophyte who keeps improving . . . in an attempt to break into the top score brackets. It all adds up to the fact that these contests are great builders of operator-station performance. If DX is your meat, you'll continue taking part and become more skilled as time goes on; if you're new to DX operating, you just haven't been indoctrinated in the game until you've come through your baptism of fire in an ARRL DX Contest!"

THOSE words, concocted by W1JMY in his 16th ARRL DX Contest round-up in September 1950 *QST*, are apropos today. Again the long-time enthusiasts returned, some to register postwar scoring records, and when the usual generous helping of fresh converts is taken into account, we emerge with 1242 entries (886 c.w., 356 'phone), up 11.5 per cent over 1954. There has now been a steady participation increase — 'though scarcely a meteoric one — in each of the past four Tests.

The unexpected makes every DX Test a continual game of fox and hounds, keeps the brethren hoping and hopping. An hour of fruitless calling elapses and you are as discouraged as a woodpecker in the Petrified Forest — suddenly three new countries reply in as many minutes and all thoughts of "pulling the big switch" are banished; now a block and tackle couldn't detach you from the operating position! This year TI9MHB, PJ2MA and HK0AI, in spots that even some DXCC Honor Rollers lack, injected spice. In February, 15 meters briefly cleared for Europe, allowing alert code proponents to hijack

several multipliers in a short span. A gorgeous array of African prefixes — including CR5, CR6, CR7, CT3, EA8, EA9, EA0, ET3, FB8, FF8, KT1, ST2, VQ2, VQ3, ZD3 — were catchable. KH6IJ and W6AM QSOd on 7 bands, and W4KFC did the same with HK4DP. W2SKE snapped up 16 countries on 10 'phone and was thrilled to raise Africans there for a change; Bill prophesies W/VE radiotelephone totals of one million points in sunspot peaks soon to arrive. The newly-introduced rule whereby Ws and VEs identified their states and provinces was happily endorsed by those in far-away places; many kept careful track of their states worked and several got all 48.

Let us pay tribute to such Test regulars overseas as CT1SQ, CT2BO, CT3AB, DL1BR, DL1DX, EA1AB, EA9AP, EI9J, F8VJ, G2PU (who has earned the last nine 'phone awards for England), G5RI, KH6IJ, KH6MG, KT1UX, KV4AA, KZ5BC, LA6U, LU3EX, LU9AX, OK1MB, ON4TQ, OZ1W, PA0UN, PA0VB, TF3MB, VK2EO, VK2GW, ZL1BY, ZL1MQ, ZS6DW — to mention a few. Each year they hurl themselves into the melee on one mode or the other, sometimes on both. When we raise them there is seldom a moment for even "HI JIM" or "PSD CUAGN OB," the hustle-bustle tempo being what it is. But they swap exchanges with thousands of us on numerous bands and we are grateful that they pop up perennially. Now that the furor has subsided, the League says, on behalf of the W/VE contingent, "MNI TNX OMs ES CU IN 1956." And sure-as-shooting we shall!

In line with long-established policy, competition for awards was confined to competitors in each ARRL mainland section and in each country outside the U. S. and Canada from which qualifying entries were received. Certificates of Performance will be issued in these categories:

	c.w.	'phone
Single-operator, W/VE	68	61
Multioperator, W/VE	3	1
Single-operator, non-W/VE	86	63
Multioperator, non-W/VE	1	0
Club	33	12

The 328 good-looking pieces of wallpaper are scheduled for mailing on October 15th, or

A Viking II, a 75A-2 and XYL-sponsored "coffee breaks" furnished EL2X any impetus needed to pace the Dark Continent on both 'phone and c.w. Ray has since bid farewell to Liberia, which now promises to become a real toughie.

QST for

October 1955 QST © ARRL



thereabouts, and with each will go ARRL's congratulations for a job well done!

The 21st International DX Competition, however, was the only recently-scheduled ARRL contest which did not smash all previous records for participation (see Fig. 1). Despite vigorous advance promotion via IARU societies, foreign QSL bureaus, clubs and hundreds of prominent DXers, the success of the contest appears to depend principally upon the vagaries of sunspot numbers and the m.u.f. This, of course, is because it's a DX activity, not a domestic QSO Party, and as such it's particularly susceptible to the status of the ether. Under the rules U. S. and Canadian amateurs must work the 270-plus other items on the ARRL DXCC Countries List. It's the only contest in amateur radio which pits Ws and VEs "against" the world, and your letters tell us that you prefer it this way.

Even when the Kennelly-Heaviside layer just about dries up and blows away, more logs arrive from good old Europe than from any other continent save North America. Reflecting the reliability of the North Atlantic path, European high scores, like statistics dealing with valid entries, testify to the importance of ionospheric behavior. In 1949, for example, 13 European c.w. ops tallied over 100,000 points, and 26 did it in 1950. Their signals, with db. to burn, consistently blasted our eardrums on three or four bands during that banner era, an era when the Zurich sunspot count hovered well over 100. Alas, came 1951 and the average European score plummeted like a helicopter with a jammed rotor — GW3ZV, sporting a fabulous combination of gear and ability, was the sole 100,000-pointer. The next three dreary years drew blanks but results inched upward, and in 1955 DJ1BZ and DL1KB broke the tape at 138,462 and 102,258 points respectively. As Europe goes, it seems, so goes the DX Test!¹

The C.W. Section

When records are made, you can bet your r.f. gain control that W3BES will be involved. Mr. Mathis moseyed over to W2SAI (the boss himself was out of town) and, employing all bands but 11 meters, achieved 601 QSOs, a 246 multiplier and 443,538 points, a brand new U. S. A. single-operator high.

Others that reached the coveted 6-digit mark:

¹ There has been no change in the mathematics of scoring, but two special factors modify postwar European comparisons: (1) The twofold hiking of W/VE c.w. quotas has served to swell QSO figures of DLs, Gs and others in the densely populated countries. (2) 21 Mc., available the past three contests, has already upped South American and African results enormously; Europe-to-W/VE openings on this spectrum portion, however, have been infrequent and thus far have affected European totals to a negligible degree.

VP7NM dispensed 1939 A-1 exchanges on all bands 1.8 through 28 Mc. for 453,725 markers and third high non-W/VE. Charles, proprietor of the Bahamas QSL Bureau, has 142 confirmed on the DXCC roster. You can QRQ to 50 w.p.m. in his direction any old time — he's an ex-commercial op.

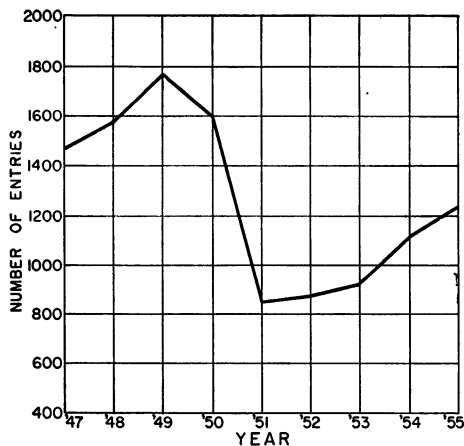
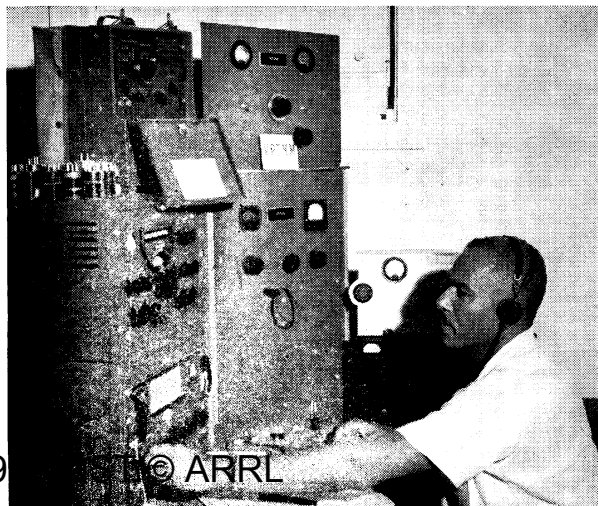
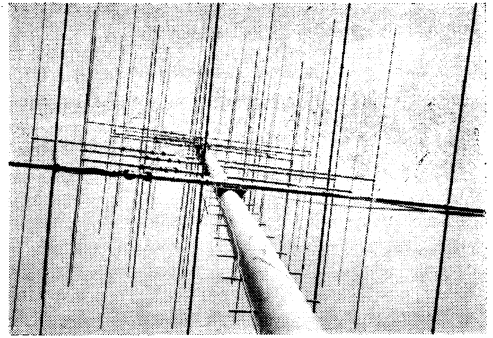
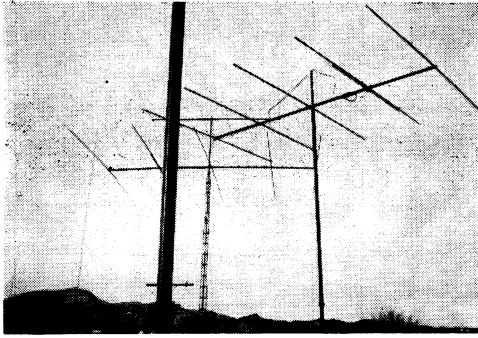


Fig. 1 — Total number of valid entries, c.w. and 'phone, in the 9 postwar ARRL International DX Competitions.

W4KFC 426,024, K2EDL 400,200, W3DGM 385,548, W4DHz/4 370,962, W4CEN 330,336, W3LOE 325,717, W3BVN 313,110, W2WZ 306,838, W3EIV 277,440, W6GAL/7 254,592, W8FGX 249,504, W3GHS 234,765, W3JTC 227,367, W3JTK 225,888, W8PQQ 220,473, W4YHD 188,543, W4OM 187,488, W9IOP 176,904, W1BFT 171,687, W4DQH 168,795, W8BKP 167,796, W6VUP 165,600, W3HEC 160,038, W8BTI 159,852, W9HUZ 159,360, W9LNM 153,180, W9FJB 150,234, W6RW 148,920, W1BIH 146,861, W1AXA 143,934, W1TYQ 140,448, W1JEL 139,722, VE4RO 137,160, W8DUS 136,782, W5CKY 130,077, W3KT 126,900, W6MBA 126,153, W3KDP 125,936, W6KEV 124,605, W4UXI 122,264, W1AZY 120,834, W4LZF 120,096, W6WB 119,340, W6FSJ 118,491, W3GHD 118,170, W2DOD 118,054, W4MZP 115,506, W3EKN and W3MFW 114,972, W1BOD 113,577, W3ADZ 110,565, W9VUL 110,403, W5DWT 110,336, W2AIW 110,166, W4CC 105,705, W1ODW 104,775, W0DAE 104,538, K6CIT 104,544, W1TX 101,748, W1DLC 100,564.

Another precedent-wrecker was the 514,080 points of W3CTJ, jointly manned by W3s CTJ and NOH. Maury and Al racked up a four-day





Herewith a couple of elaborate antenna layouts that paid off handsomely in the scoring columns. *Left:* W6YMD's beams and verticals form picturesque angles as they jut skyward at Pacific Palisades; that's the base of the 3.5-Mc. ground plane in the foreground. A quintet of Southern California DX Club brasspounders utilized the whole shebang to good avail, got a thumping 363,480 points. . . . *Right:* Have a look at the maze of 48 elements comprising stacked Yagis for 14, 21 and 28 Mc. at W2SKE/2. The 108-foot mast is self-supporting and rotatable. This awesome structure helped Bill nab second position among U.S.A. 'phones.

DXCC with 101 countries worked, a multiplier of 255 and 672 QSOs.

These efficient crews also finished up admirably in the more-than-one operator goings-on: W6YMD 363,480, W4KVX 358,974, W6ITA 314,820, W6TT 284,271, W3ALB 256,896, W6LDJ 244,620, W9AVJ 207,765, W3ECR 189,879, W6AM 185,370, W3GHM 164,088, W6GTI 134,670, W6LDD 112,266.

In the overseas division, contester par excellence KH6MG remained in top form, beat out the rest of the non-W/VEs with his 2203 QSOs, 74 multiplier, 489,066 points.

The continental yardstick is probably the fairest for study of foreign scores. Sorted in that fashion, the leaders shape up thusly: *Africa* — EL2X 182,373, EA9DF 127,661, OQ5GU 113,490, CR6AI 104,400, FA9RW 97,290; *Asia* — JA1CJ 50,715, KR6LJ 40,560, JA3AF 38,529, JA3AB 25,766, KA2OJ 21,947; *Europe* — DJ1BZ 138,462, DL1KB 102,258, OE13USA 98,805, DL4ZC 91,875, G5RI 89,712; *North America* — VP7NM 453,725, XE2OK 308,636, KG4AJ 302,849, KV4AA 296,140, KP4CC 247,040; *Oceania* — KH6MG 489,066, KH6IJ 461,700, ZL1BY 306,408, KH6PM 237,006, KH6AYG 211,526; *South America* — HK4DP 232,712, LU3EX 185,304, LU8AF 156,774, PY7AN 109,620, CE3AG 98,340.

The 'Phone Section

In the frenzied battle of the microphones, veteran DXer W1ATE set a staggering all-time high of 492,184 points. Chad, with his lavish

antenna collection, scored everyplace from 160 through 10 but had his best luck on 20, where 435 of 690 QSOs were consummated. He also snared 105 different countries for a multiplier of 238, was active 94 hours out of the possible 96.

Other extraordinarily successful huffers and puffers: W2SKE/2 439,356, W4KWY 282,540, W6YY 233,444, W3DHM 230,640, W4OM 214,884, W2WZ 173,160, W3GHS 158,410, W7ESK 151,200, W9EWC 139,500, W4DQH 119,915, W8NXF 101,178, W4EEE 100,602, W6VSS 99,231, W8RLT 89,916, W8LKH 88,832, W3JNN 86,697, W8DUS 67,041, W3CUB 64,842, W5KBP 62,496, W7DL 59,584, W6IDY 59,040, W4CBQ 55,872.

These partook of the verbal fisticuffs on a "Winter Field Day" basis and fared well as multioperator set-ups: W2SAI 314,880, W9AVJ 141,614, W8BKP 133,569, W6AM 124,413, W8NGO 91,432, W3GHM 75,864, W8NWO 74,466, W6WZD 66,846, VE3RCS 56,158.

Hawaiian KH6IJ shoved aside his electronic key, unshorted the modulation transformer and QSY'd to the 'phone segments. And before he plopped into his four-poster on March 13th, Katashi had logged 918 contacts, a 59 multiplier, and 162,486 points, the huskiest tally from overseas.

Continental pace-setters: *Africa* — EL2X 81,405, ZS6DW 41,140, EA9AR 13,524, ZE2KR 9675, CT3AE 6831; *Asia* — KA2OJ 3531, JA1VP 450, JA4BB 450, OD5AB 336, HZ1AB 234; *Europe* — CT1SQ 46,440, EA4DL 27,552, OE13USA 16,548, EA4DR 13,248, ZB2A 12,213; *North America* — VP7NX 148,665, VP6WR 127,098, HP3FL 73,017, VP9L 66,317, KG4AJ 55,044; *Oceania* — KH6IJ 162,486, KH6PM 90,576, KH6AXH 59,040, KH6MG 35,100,

Multiplier-hungry DXers welcomed with open arms an EA6AF 25-hour 3-band junket, during which Bartolome's 50-watter culled 34,488 points and A-1 honors for the Balearics.



CLUB SCORES

Club	Score	C.W. Winner	'Phone Winner
Frankford Radio Club	3,753,930	W2SAI	W3DHM
Southern California DX Club	3,489,751	W6GAL/7	W6YY
Potomac Valley Radio Club	2,314,488	W4KFC	W4CBQ
Northern California DX Club	1,845,895	W6KEV	W6IDY
Ohio Valley Amateur Radio Assn	1,048,925	W8FGX	W8BTI
Maui Amateur Radio Club (Hawaii)	972,444	KH6MG	KH6PM
Northwest Amateur Radio Club (Ill.)	453,461	W9NII	
Lancaster Radio Transmitting Society (Pa.)	429,051		
Rochester DX Assn	367,117	W2DOD	W2VQM
Connecticut Wireless Assn.	261,025	W1BII	
North Suburban Radio Club (Ill.)	258,438	W9FJB	
El-Ray Amateur Radio Club (Mass.)	237,948	W1BOD	
North Carolina State College Amateur Radio Club	237,890	W4UXI	
Four Lakes Amateur Radio Club (Wis.)	204,777	W9LNM	
Anchorage Amateur Radio Club (Alaska)	153,613	KL7AWB	KL7BCH
Order of Boiled Owls (N. Y.)	125,046	W2HSZ	
Milwaukee Radio Amateurs' Club	90,877	W9GIL	W9FDX
Central Connecticut Contest Club	90,192		
Richland Amateur Radio Club (Wash.)	80,208	W7GWD	W7GWD
San Diego DX Club	79,848	W3MSK/6	
Helix Amateur Radio Club (Calif.)	59,691	W6LRU	
Antietam Radio Assn. (Md.)	57,781	W3EPV	
Westpark Radiops (Ohio)	54,107	W8AJW	W8AJW
Egyptian Radio Club (Ill.)	51,451	W9ANF	
Schenectady Amateur Radio Assn.	49,787	W2FBS	
South Jersey Radio Assn.	45,970	W2SDB	
Tri-County Radio Assn. (N. J.)	36,936	W2JME	
Chicago Suburban Radio Assn.	29,413	W9WFS	
Delano Amateur Radio Club (Calif.)	28,125	W6EFV	
Lake Success Radio Club (N. Y.)	24,187	W2SGK	
Dade Radio Club (Fla.)	15,465		
Coronado Radio Club (Calif.)	15,015	K6EBH	
Morris Radio Club (N. J.)	14,120	K2CBB	
Central High Radio Club (Iowa)	10,749	W9DSP	
Tri-State Amateur Radio Society (Ind.)	7755	W9FGX	
Silvergate Amateur Radio Club (Calif.)	3909	K6BEC	K6BEC

ZL1BY 32,289; *South America* — PJ2AF 101,475, LU1EQ 63,300, VP4BN 28,700, LU7BQ 17,496, VP3HAG 15,930.

The Clubs

The cocobolo gavel with the engraved silver band, issued annually to the club whose members accumulate the largest aggregate score, is dearly sought after indeed. Some groups, we're told, employ any method short of the cat-o'-nine-tails to effect a full turnout. Winner in 1955 was once again Philadelphia's Frankford Radio Club, whose 41 entries added up to a brilliant 3,753,930 points. In a valiant bid to repeat their 1950 gavel-winning drive, Southern California DX Club members forged into second position only 265,000 points shy of FRC's total. The accompanying tabulation shows the standings of the 36 competing groups and the calls of their 45 certificate awardees.

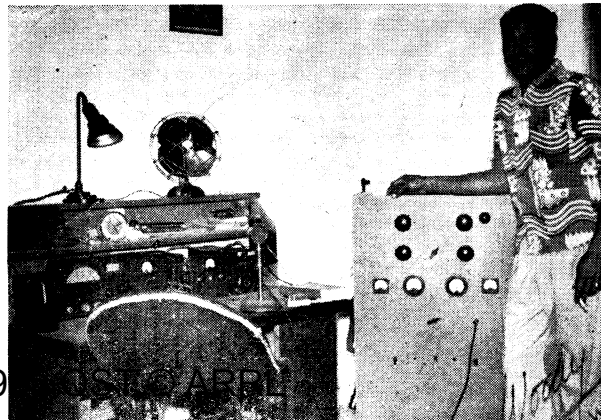
Disqualifications

The following are deemed ineligible for score listings or awards. In each case disqualification

VP6WR knuckled up to 127,098 points, ranked number three among the 120 foreign radiotelephones. Woody used a pair of 807s, modulated by mere of the same, to twirlers of the plumber's delight variety, a long wire and a Windom. Best band: 21 Mc., where he snagged 234 of his 625 contacts.

is for off-frequency operation as confirmed by a single FCC citation or two accredited Official Observer measurements: *C.W.* — W2ESO, K2GAL, W6GXI/0, W0RLI, KC6CG; *'Phone* — W3ALB, W3VKD, W3YRK, W3ZQ, W4AIA, W4NHF, W4RRK, W4SOV, W5FBW/4, W6BYB, W7JLU, W9AMM, W0LBB, W0VIP.

Propagation specialists agree that we are presently poised on the threshold of a DX millennium. Thousands of new amateurs are expected to succumb to the lure of DX as, starting very soon, they enjoy their first taste of ideal conditions. How are *you* fixed for the bonanza? The time is ripe to reduce s.w.r.s, scrape the rust from the 10-meter rotator, lick any 21-Mc. TVI and align the inhaler, if needs be. Don't be caught flat-footed. Take the action required to get your station functioning at peak efficiency *now*, because the 22nd ARRL International DX



Competition will be upcoming almost before you know it! Watch future *QST*'s for details.

C. W. SCORES

Twenty-First International DX Competition

Operator of the station first-listed in each section and country is winner for that area. . . . The multiplier used by each station in determining score is given with the score — in the case of U. S.-Canada this is the total of the countries worked on each frequency-band used; in the case of non-W/VE/VO entries it is the total of the U. S.-Canada districts worked on each band. . . . The total number of contacts is listed next. . . . The letters A, B, and C approximate the input to the final stage at each station; A indicates power up to and including 100 watts; B indicates over 100 watts, up to and including 500 watts; C indicates over 500 watts. . . . The total operating time to the nearest hour is given for each station and is the last figure following the score. . . . Example of listings: W3DGM 385-548-228-565-C-83, or final score 385,548; multiplier 228; 565 contacts; power over 500 watts; total operating time 83 hours. . . . Stations manned by more than one operator are grouped in order of score following single-operator listings in each section or country tabulation; calls of participants at multi-operator stations are listed in parentheses. . . . Where three or more multiple-operator entries appear, the top-scoring station is being awarded a certificate.

ATLANTIC DIVISION

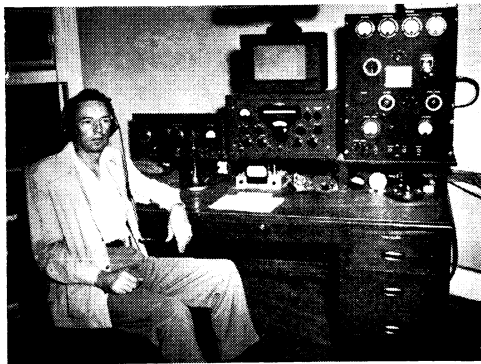
Eastern Pennsylvania

W3DGM . . . 385,548-228-565-C-83
W3GHS . . . 234,765-185-423-C-64
W3KT . . . 126,900-141-300-C-60
W3GHD . . . 118,970-130-303-B-
W3MFW . . . 114,172-143-268-C-40
W3ADZ . . . 110,565-135-273-C-55
W3CGS . . . 88,830-126-235-C-48
W3DLR . . . 64,152-99-216-C-46
W3LEZ . . . 61,692-106-194-B-50
W3ALX . . . 38,505-85-151-B-12
W3EQA . . . 38,181-89-143-C-45
W3EYV . . . 35,340-76-155-C-15
W3HER . . . 33,300-74-150-B-25
W3IMV . . . 26,130-65-134-B-23
W3QLW . . . 17,874-54-111-B-27
W3MDE . . . 14,100-47-100-A-20
W3EAN . . . 9,546-43-74-C-11
W3OCU . . . 9,240-44-70-C-10
W3TYW . . . 9,020-41-74-A-4
W3RRI . . . 8,904-42-71-C-38
W3TJW . . . 7,920-40-66-B-20
W3GRS . . . 7,371-39-63-A-9
W3MFT . . . 3,000-25-40-B-8
W3ANZ . . . 2,337-19-41-B-20
W3SOH . . . 1,920-20-32-B-9

W3HTF . . . 1512-18-28-B-10
W3MDO . . . 1500-20-25-B-8
W3LAT . . . 693-11-21-B-12
W3CTJ (W3s CTJ NOH)
514,080-255-672-C-86
W3ALB (W3s ALB JNQ)
256,896-192-446-C-75
W3EGR (W3EGR, W4JFM)
189,879-167-379-C-74
W3GHM (W3s GHM KDF)
164,088-159-344-C-8
W3KFG (W3s KFG QMZ)
33,628-82-218-C-76

Mid.-Del.-D. C.

W3LOE . . . 325,717-217-501-C-70
W3BVN . . . 313,110-213-490-C-80
W3EIV . . . 277,440-204-454-C-88
W3JTC . . . 227,367-189-401-C-83
W3JTK . . . 225,888-181-418-C-80
W3HEC . . . 160,038-153-350-C-71
W3KDP . . . 125,936-136-310-C-48
W3EKN . . . 114,972-132-297-C-50
W3A00 . . . 87,240-120-243-B-39
W3DRD . . . 80,325-119-225-B-54
W3ZQ . . . 63,036-103-204-C-70
W3AYS . . . 55,836-99-190-C-34
W3EPV . . . 53,592-88-203-C-53



By checking in with 330,336 points, W4CEN extended his streak to five North Carolina c.w. triumphs. The 75A-3 above is flanked by the exciter unit on the left and the final amp, parallel 4-250As, on the right. Tom, a star performer in the shindig since the Thirties, labels it "THE Contest," is presently toiling with a 2-element 7-Mc. beam to boost his percentages in the 1956 doings.

LICENSING AREA HIGHS

C.W.

PHONE

W1BFT	171,687	W1ATE	492,184
W2SAI	443,538	W2SKE/2	439,356
W3CTJ	514,080	W3DHM	230,640
W4KFC	426,024	W4KWY	282,540
W5CKY	130,077	W5KBP	62,496
W6YMD	363,480	W6YU	233,444
W6GAL/7	254,592	W7ESK	151,200
W8FGX	249,504	W8BKP	133,569
W9AVJ	207,765	W9AVJ	141,614
W0DAE	104,538	W0EIB	23,079
VE1NN	76,146	VE1CU	429
VE2BP	10,296	VE2APC	23,562
VE3IR	11,613	VE3RCS	56,158
VE4RO	137,160	VE4RO	49,128
VE5PM	5859	VE5GF	2142
VE6VK	18,513	VE6NX	4316
VE7KC	7805	VE7ZM	462
VO6N	10,908	VO6N	4455

W3DVO . . . 45,936-87-176-B-65
W3CPB . . . 38,097-83-153-B-30
W3AEL . . . 37,674-78-161-B-25
W3WV . . . 25,740-65-132-B-19
W3VRJ . . . 17,472-52-112-C-8
W3EPR . . . 16,380-63-88-B-29
W3CDZ . . . 16,170-55-98-C-32
W3WG . . . 14,448-56-86-15
W3ZAL . . . 11,400-50-84-C-27
W3HVM . . . 10,560-48-74-A-40
W3EIS . . . 5760-40-48-B-10
W3WU . . . 5202-34-51-B-6
W3HDV . . . 4818-33-50-C-15
W3COK . . . 4512-32-47-C-8
W3YRK . . . 4060-29-48-30
W3IYE . . . 2940-28-35-A-10
W3GAU . . . 2697-31-29-C-10
W3BVO . . . 75-5-5-B-5
W3NZT . . . 36-3-4-A-4
W3MFF (W3s IKN MCG MFF)
77,112-102-252-B-75
W3YTS (W3s RYX YTS)
2340-20-45-B-20

Western Pennsylvania

W3VKD . . . 56,430-95-108-C-16
W3NCF . . . 24,840-69-120-B-56
W3APL . . . 15,900-65-82-A-42
W3BLZ . . . 10,080-40-84-B-21
W3ZAO . . . 3528-28-42-B-27
W3SLI . . . 1125-15-25-B-25
W3KNQ . . . 960-16-20-A-30

CENTRAL DIVISION

Illinois

W9HUZ . . . 159,360-160-332-B-82
W9FJB . . . 150,234-147-342-C-72
W9GRV . . . 93,375-125-249-C-72
W9NII . . . 92,628-124-249-B-70
W9ABA . . . 78,648-113-232-C-60
W9ERU . . . 78,144-111-236-C-65
W9UNG . . . 43,172-86-168-C-40
W9EU . . . 34,344-72-159-C-21
W9TGB . . . 33,069-73-151-B-43
W9FJY . . . 28,860-74-130-B-22
W9FDJ . . . 26,274-58-151-C-50
W9QYJ . . . 17,010-54-105-B-46
W9WJV . . . 11,454-46-83-B-28
W9FNR . . . 9751-49-67-B-27
W9FNS . . . 7200-40-60-B-7
W9VL . . . 4524-29-52-B-19
W9WIO . . . 3750-25-60-BC-10
W9SGB . . . 3726-27-46-B-35
W9WYB . . . 3375-25-45-A-15
W9KLD . . . 3150-25-42-B-12
W9PCF . . . 1071-17-21-B-7
W9DQV . . . 960-16-20-A-10
W9NJZ . . . 378-9-14-B-7
W9LQF . . . 48-4-4-B-8
W9EXL . . . 18-2-3-A-5
W9AVJ (W9s GVZ NZM PKW)
207,765-171-405-C-86
W9DDP (W9s DCP DDP DWD
OCB) . . . 22,144-64-116-B-29

Western New York

W2DOD . . . 118,054-134-295-B-5
W2UWD . . . 78,000-104-250-C-8
W2SAW . . . 75,597-113-223-B-50
W2DSB . . . 41,886-78-179-B-32
W2BJH . . . 40,320-84-160-C-51
K2CD . . . 28,644-62-154-C-39
W2FBA . . . 27,846-78-119-B-20
W2ABM . . . 27,720-60-154-C-40
W2ICE . . . 25,200-75-112-C-18
K2KID . . . 21,105-67-105-B-68
W2QJM . . . 20,355-59-115-A-4
W2TXB . . . 14,847-49-101-C-18
W2MA . . . 10,716-47-76-C-25
W2EMW . . . 8610-41-70-B-15
W2QZI . . . 3807-27-47-C-14
W2ROM . . . 3360-28-40-C-19
W2DKS . . . 2886-26-37-B-18
W2BYU . . . 2760-23-40-B-8
W2VXA . . . 2616-24-37-B-32
W2KEL . . . 1980-22-30-B-18
W2REF . . . 1710-19-30-B-5
W2ZCZ . . . 1658-21-26-B-10
K2BKU . . . 1095-15-25-B-14
W2WPI . . . 840-14-20-C-9
W2UTH . . . 210-7-10-B-2
W2CIH . . . 189-7-9-A-6

Indiana

W9IOP . . . 176,904-168-351-C-8
W9VUL . . . 110,403-141-261-C-30
W9UKG . . . 38,988-76-171-B-87
W9ZTD . . . 8170-43-64-B-25
W9PQA . . . 4743-31-51-40
W9CWO . . . 4428-36-41-A-8
W9FGX . . . 4239-27-53-A-10
W9EHU . . . 3465-33-35-B-19
W9DHM . . . 1767-19-31-B-14
W9UC . . . 540-12-15-B-4
W9FYM . . . 147-7-7-A-5
W9DGA . . . 148-3-4-A-1

Wisconsin

W9LNM . . . 153,180-148-345-C-75
W9RQM . . . 81,360-113-240-BC-48
W9GIL . . . 43,344-84-172-B-8
W9FDX . . . 21,594-59-122-C-8
W9RBI . . . 21,090-65-108-C-25
W9KXK . . . 18,668-56-111-BC-25
W9WIH . . . 15,087-47-107-A-25
W9RKP . . . 13,413-51-89-B-30
W9SZR . . . 10,685-45-79-B-30
W9GWK . . . 10,332-42-82-B-20

This neat arrangement features (from left) a p.p. 810s rig, voltage regulator, VFO, 'scope and HQ-129X. It's the property of CTISO, top voice man for Europe with 46,440 points and 389 contacts, 47 of which came about on the allegedly uninhabitable 40-meter 'phone band. Nice going, Humberto!



W9VOD.....5338-34-53-B-9	W8STL.....31,484-68-155-C-40
W9WEN.....3969-27-49-B-13	W8BOJ.....30,492-77-132-C-18
W9HMU.....1188-18-22-A-9	W8VTF.....26,880-64-140-B--
W9QNO.....1080-15-24-B-20	W8JJW.....21,488-68-106-C-30
W9BTM.....630-14-15-A-30	W8OPG.....16,348-61-90-B-21
W9SDK.....540-12-15-B-5	W8AJW.....14,840-53-94-A--
W9WWJ.....180-5-12-A-4	W8JIN.....14,151-53-89-C-12
W9UDK.....75-5-5-B-3	W8SMC.....12,450-50-83-B-17
W9MDG.....12-2-2--	W8GJG.....10,449-43-81-B-26

DAKOTA DIVISION

North Dakota

W0EOZ.....1131-13-29-B-4

South Dakota

W0BLZ.....25,740-66-130-B-28

Minnesota

W0TKX.....34,188-77-149-B-35
W0YCR.....27,840-64-145-C-7
W0JNS.....17,856-62-96-B-42
W0QBA.....11,481-43-89-A-18
W0VIP.....6039-33-61-B--
W0EDX.....5810-35-56-C-20
W0PHZ.....5208-31-56-B-21
W0DRG.....2898-23-42-B-20
W0OTI.....2394-19-42-A-37

DELTA DIVISION

Arkansas

W5MSH.....5880-35-56-A-25
W5QKZ.....2100-20-35-B-14

Louisiana

W5KC.....49,383-93-177-B-35
W5MNT.....42,828-83-172-A-62
W5CEW.....30,104-71-142-C--
W5KTD.....3180-20-53-B-30
W5BI.....726-11-22-B-9

Mississippi

W5CKY.....130,077-149-291-B-61
W9APY/5.....60,348-107-188-B-50

Tennessee

W4DQH.....168,795-155-365-C-66
W4FKA.....33,288-73-152-B-72
W4ZZ.....429-11-13-B-19
W4ZWZ.....270-8-10-B-15

GREAT LAKES DIVISION

Kentucky

W4KTC.....46,248-94-164-C-45
W4JBQ.....16,905-49-115-B-37
W4OMW.....3813-31-41-B-9
W4KVX (W4s EPA KVX OMW, W8UOD) 358,974-231-518-C-88

Michigan

W8DUS.....136,782-153-298-C-70
W8CVU.....98,208-124-264-B-40
W8UAS.....76,272-112-227-C-60
W8YIN.....50,490-90-187-A-42
W8HMI.....48,636-84-193-C-31
W8RQ.....27,648-72-128-B-34
W8KWC.....4692-34-46-B-5
W8KPL.....1530-17-30-B-7
W8MCC.....630-14-15-A-9
W8MFI.....432-12-12-B--
W8DLZ.....429-11-13-B-5
W8SS.....12-2-2-B-1

Ohio

W8FGX.....249,504-184-452-C-60
W8BKP.....167,796-158-354-B-57
W8BTT.....159,852-154-346-C-48
W8SPUD.....67,221-97-231-B-55
W8SEV.....44,118-86-171-C-25
W8AAP.....37,680-80-157-C-38

W8KMF.....3799-29-45-C-18
W8NP.....3510-30-39-B-27
W8KC.....3200-25-44-B-21
W8PM.....3042-26-39-A-9
W8KZT.....2904-22-44-B-30
W8VZE.....2775-25-37-B-15
W8PCS.....2520-24-35-B-10
W8LOF.....2496-26-32-A-10
W8PBU.....2205-21-35-C--
W8BUM.....1914-22-29-B--
W8HZR.....1575-21-25-B-18
W8BNO.....1311-19-23-B-15
W8HFE.....1134-18-21-A-3
W8DAE.....495-11-15-A-7
W8MQQ.....450-10-15-B-7
W8FDC.....405-9-15-B-13
W8AQD.....297-9-11-A-14
W8GQD.....126-6-7-B-15
W8FRD.....36-3-4-A-3
W8NDX.....3-1-1-A-3

HUDSON DIVISION

Eastern New York

W2HO.....69,690-101-230-B-71
W2HSZ.....55,290-95-194-B-50
W2EWD.....47,478-82-193-B-58
W2FBS.....46,512-76-204-BC-42
W2AWF.....22,422-74-101-BC-40
W2CJM.....10,944-48-76-B-30
K2EDH.....10,442-46-76-B--
K2BE.....3150-30-35-B-12
K2EJU.....2622-23-38-A-11
K2HVN.....2550-25-34-B-13
W2GRL.....2240-20-38-C-10
W2IP.....576-12-16-B--
W8RGF/2.....429-11-13-A--
W2APH.....147-7-7-B--
W2BYN.....12-2-2-B-1

N.Y.C.-L.I.

W2WZ.....306,838-202-507-B-70
W2BRV.....78,660-114-230-B-45
W2GSN.....45,600-76-200-C-30
W2AZS.....39,312-78-168-C-45
W2IRV.....37,800-84-150-B-30
K2CF.....27,300-64-140-B--
K2DCJ.....23,010-65-118-A-30
W2SGK.....15,444-54-96-C-20
W2KTF.....14,326-58-83-B-14
W2NUO.....13,950-50-93-A-60
W2MUM.....12,642-49-86-A-25
K2DGT.....6804-36-63-AB-25
W2VDT.....3166-24-44-B--
W2FCT.....3150-21-50-B-21
W2DLO.....3132-29-36--
W2JB.....2244-22-34-B-11
W2DTL.....1710-19-30-A-20
W2EEN.....1254-19-22-B-8
K2CMV.....1170-15-26-B-8
K2GXL.....510-10-17-A-2
W2MZX.....126-6-7--
W2LRJ.....102-6-6-B-7
K2DEM.....27-3-3-B-20
K2ENO.....27-3-3-A-26

Northern New Jersey

W2AIW.....110,166-122-301-C-46
W2ZGB.....82,485-117-235-B-80
W2EQS.....81,184-118-230-B-85
W2COK.....62,192-104-200-AB-48
W2BWK.....26,019-59-147-B-29
W2JME.....18,432-64-96-B-21
W2TWC.....15,912-52-102-AB-17

K2CBB.....12,314-47-88-B-13
W2DRV.....12,000-48-84-B-26
W2GKE.....6076-31-66-B-22
W2GDX.....4884-37-44-B-13
W2CVW.....1734-17-34-B--
W2ZZL.....1605-15-36-B-19
K2GLQ.....1377-17-27-B-10
K2EPP.....1152-16-24-A-20
W2EHN.....960-16-20-A-20
W2SCV.....429-11-13-B-1
K2GFX.....333-9-13-A-4
K2EUH.....12-2-2-A-1
W2FXZ (W2FXZ, KN2KFP) 9143-41-75-B-50

MIDWEST DIVISION

Iowa

W0NWX.....88,803-117-255-B--
W0SQO.....33,702-82-137-BC-34
W0VQZ.....16,560-60-92-B-18
W0VFM.....6372-36-59-B-25
W0DSP.....4524-29-52-C-20
W0DIB.....1566-18-29-B--
W0GXQ.....75-5-5-12
W0LNI (W0s GVZ GWE WGP GXQ KYI LNI) 6150-30-69-B-28

Kansas

W0DAE.....104,538-131-266-C-45
W0ERI.....43,848-84-174-C-34
W0VBQ.....25,330-70-123-C-40
W0IUB.....8658-39-74-B--
W0GAX.....4524-29-52-B--
W0CTK.....2128-19-38-B-18
W0QVO.....540-12-15-A--
W0UAT.....297-9-11-B-15

Missouri

W0BMM/0.36,720-80-153-C-85
W0CVZ.....34,428-76-151-B-44
W0ANF.....25,792-64-135-AC-37
W0QDF.....22,491-63-119-C-35
W0BPA.....22,156-58-128-B-54
W0LBB.....12,900-50-86-B-23
W0PGI.....1920-20-32-B-15
W0PWN.....1404-18-26-A-20
W0LLU.....924-14-22-A--
W0EZX (W0s EZU GVI LHY MNV) 19,824-56-118--80

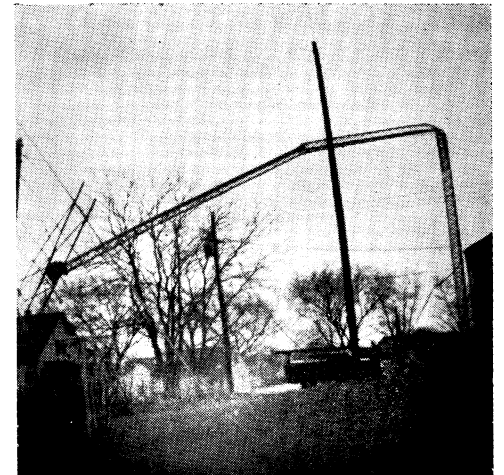
Nebraska

W0BUR.....7140-35-68-A-18
W0AIN.....1843-19-33-B-7

NEW ENGLAND DIVISION

Connecticut

W1BIH.....146,861-143-343-B-50
W1TYQ.....140,448-152-308-C-45
W1ODW.....104,775-127-275-B-67
W1TX.....101,748-122-278-BC-46
W1AW4.....80,736-116-232-C-40
W1DIT.....78,648-116-226-C-44
W1AB.....48,321-91-177-C-45
W1ZDP4.....47,904-96-168-B-40
W1TSZ.....32,640-80-136-AB-50
W1NTI.....23,530-65-122-C-53
W1WY.....17,280-60-96-A-24
W1WFF.....14,268-58-82-B-56
W1JTD.....13,920-58-80-B--



Timber! While he transmitted '569 KANSAS' to 1IADW the first morning of the c.w. affair, W0DAE's 70-foot tower collapsed. Undaunted, Jack carried on with makeshift skyhooks, got 104,538 points, tops for his call area and section. Dry those tears of sympathy, fellows! DAE is back in business with an effective assortment of rotaries, doublets and ground planes.

NON-W/VE LEADERS

C.w.	'Phone
KH6MG 489,066	KH6LJ 162,486
KH6LJ 461,700	VP7NX 143,665
VP7NM 453,725	VP6WR 127,098
XE2OK 308,636	PJ2AF 101,475
ZL1BY 306,408	KH6PM 90,576
KG4AJ 302,841	EL2X 81,405
KV4AA 296,140	HP3FL 73,017
KP4CC 247,040	VP9L 66,317
VP7NX 241,164	LU1EQ 63,300
KH6PM 237,006	KH6AXH 59,040
HK4DP 232,712	KG4AJ 55,044
KP4DH 220,779	XE2OK 53,998
KP4ZW 218,970	YN4CB 49,545

W1FTX...11,918-59-83-B-14 W1YYM*...9348-38-82-B-28 W1AJO...6882-37-62-B-20 W1AFA...6720-35-64-B-23 W1GVK...2500-25-34-B-20 W1NLM...1530-17-30-B-20 W1HV...1056-16-22-B-8 W1BDI*...450-10-15-B-5 W1RWS...48-4-4-A-2 W1ZMB...3-1-1-A-1 W1ICP*... (W1s ICP WPO) 11,316-46-82-C-50	W1TVZ...1575-21-25-B-14 W1CPJ...1350-15-30-A-14 W1BB...27-3-3-B-10 W1MX... (W1YFM, W4YMJ, W9GQL) 43,848-87-168-C-49
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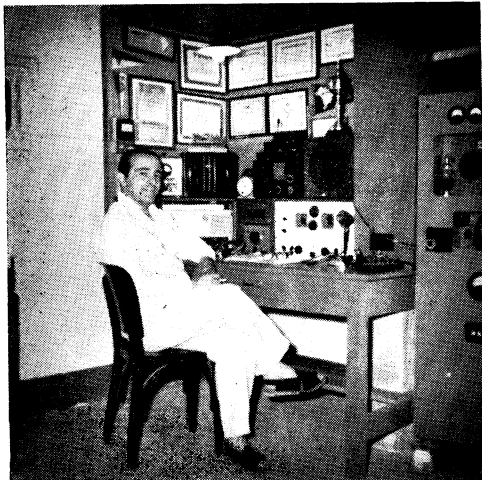
W1DLX...100,564-124-271-90 W1IKE...59,712-96-208-C-40 W1EF...23,040-64-120-B-30 W1VEH...1728-16-36-B-15	W1WU...15,600-52-100-B-32 W1CLX...14,124-44-107-B-8 W1EFQ...13,432-46-98-C-19 W1ZD...9282-39-80-C-10 W1YQC...7182-38-63-B-45 W1YJH...1584-22-24-B-7 W1DGT...1037-17-21-B-7 W1HPA...278-7-13-B-10
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NORTHWESTERN DIVISION

W1AXA...143,934-149-322-C-75 W1JEL...139,722-146-319-C-75 W1AZY...120,834-137-294-B-68 W1BOD...113,577-131-289-C-55 W1TW...65,376-95-227-B-25 W1PEG...32,234-71-154-B-58 W1WLW...29,308-69-145-33 W1JDE...28,260-60-157-C-34 W1HX...12,648-62-69-B-35 W1QJR...12,120-40-101-B-38 W1AQE...10,560-44-90-A-7 W1NS...9520-40-80-B-24 W1XSX...8880-37-80-B-23 W1JSM...5106-37-139-A-7 W1PYM...2451-19-43-B-10 W1LQQ...1683-17-33-A-8 W1CTW...1632-16-34-C-7 W1BND...1584-16-33-A-12	W1BFT...171,687-151-379-B-75 W1CJH...49,941-93-179-B-7 W1AWE...23,184-56-138-C-7 W1RFQ...144-6-8-A-4 W1QMM...20,460-62-110-B-28 W1RWP...5148-33-52-B-17 W1SPK...1302-14-31-B-10
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Idaho

W7VWS...570-10-19-A-8



An 813 at 200 watts, a Super Pro, and 75 hours of plodding netted PY7AN a total of 109,620, fourth in America del Sur, and the Brazilian c.w. Certificate of Performance.

Montana W7CJB...6873-29-79-B-4 W7PCZ...3645-27-45-B-20 Oregon W7DAA...63,480-92-230-C-62 W7AHX...35,397-69-171-B-50 W7OCL...20,034-53-126-C-60 W7JLU...12,726-42-101-B-24 W7TML...4758-26-61-C-28 Washington W7PQE...78,225-105-249-C-65 W7AJS...40,044-71-188-C-35 W7GWD...39,831-71-187-C-56 W7NLL...24,882-58-143-C-20 W7HJC...9798-46-71-C-19 W7JC...8640-36-80-A-36 W7TZ...4200-28-50-BC-44 W7UQY...1938-17-38-C-40 W7FZB...225-5-15-A-8 W7BUL...180-5-12-A-6	South Carolina W4GQE...49,383-93-177-B-69 W4BAN...1428-17-28-B-20 W3HH/4...1008-16-21-5 Virginia W4KFC...420,024-244-582-C-87 W4DHZ/4...370,962-222-567-C-85 W4YHD...188,543-167-377-C-7 W4OM...181,488-168-372-C-7 W4CC...105,705-135-261-C-60 W4PNK...96,340-120-269-C-72 W4JAT...56,160-96-195-C-67 W4KXV...49,632-94-176-B-60 W4WVN...37,384-82-154-B-80 W4YZC...21,573-47-183-B-21 W4VZQ...18,005-65-93-A-14 W4HJK...9030-43-70-B-20 W4IA...7904-38-71-B-17 W4SHX...5032-34-50-B-22 W4SJSJ...2331-21-37-B-6 W4WBC...2016-21-32-B-10 K4CAR...816-16-17-B-13 W4CJC (W4s CJC KRW) 9594-41-78-B-35
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PACIFIC DIVISION

Nevada W7VIU...3864-23-56-B-20 Santa Clara Valley W6VE...73,830-107-230-C-7 W6HOC...69,642-106-219-C-50 W6SR...62,928-92-228-7 K6DCE...16,215-47-115-A-53 W6EPR...7560-36-70-C-15 W6DWJ...4752-24-66-B-50 K6EBB...759-11-23-B-7 East Bay W6TL...15,792-47-112-C-29 W6QDE...14,076-46-102-C-21 W6IPH...11,934-39-102-B-45 W6FLT...11,514-38-101-C-26 W6MHB...9030-35-86-C-14 W6CTL...5508-27-65-B-7 W6LMZ...1836-13-34-B-7 W6EJA...1575-15-35-4 K6AUC...1134-14-27-A-7 W6TT (W6s CGG MVQ FVH TT) 284,271-197-491-AB-86 W6LDD (W6s DZZ LDD MEK) 112,266-126-297-C-80 W6IDY (W6s IDY UZX) 74,577-102-75-C-48 W6KEK (W6s CTL KYK) 25,842-59-146-B-7 W6OT (W6s OT PHI QUV UES, K6s AUD HFB) 1209-13-31-B-24	West Virginia W8PQQ...220,473-187-393-C-69 W8UMR...18,150-55-110-B-22 W8CDV...1880-20-32-B-10 W8AVW...540-12-15-B-4 Rocky Mountain Division Colorado W0AZT...55,272-94-196-C-7 W0SBE...23,964-62-129-C-7 W0IXF...15,198-51-100-B-44 Utah W7QDJ...17,748-51-116-A-45 Wyoming W7PSO...13,287-43-103-C-30
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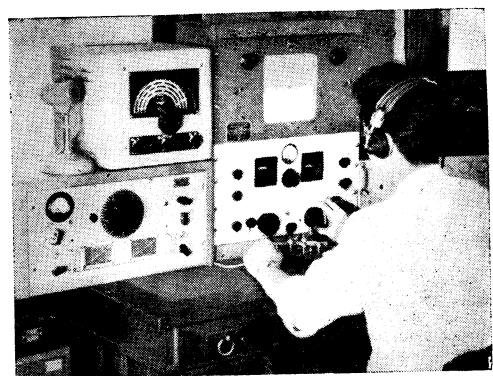
SOUTHEASTERN DIVISION

Alabama W4ACE...1620-20-27-B-7 W4WOG...918-17-18-B-10 Eastern Florida W4LVV...87,322-125-233-B-7 W4VHN...18,330-65-94-A-4 W4LQN...12,300-50-82-A-30 4DXL...3159-27-39-B-14 W4EEQ...1083-19-19-B-5 W4ZQK...359-9-13-A-20 Western Florida W4AFS...13,426-49-92-B-45 W4HRI/4...7596-36-71-B-48	Georgia W4BBP...45,414-87-174-B-32 W4TED...30,618-63-162-B-58 W4CYA...26,794-72-124-B-42 W4SOV...2244-22-34-B-10 W4BXV...189-7-9-A-10
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SOUTHWESTERN DIVISION

Roanoke Division North Carolina W4CEN...330,336-222-496-C-60 W4UXI...122,264-136-301-C-75 W4LZF...20,096-144-278-B-50 W4MZP...115,508-138-280-C-76 W4RRK...6068-37-57-B-32 W4MR...1512-21-24-B-8 W4VEO...12-2-2-1	Los Angeles W6VUP...165,600-160-345-BC-85 W6RW...148,920-146-340-C-84 W6MBA...126,153-131-321-C-65 W6FSJ...118,491-127-311-C-60 W6BYH...104,544-121-288-C-7 W6VSS...92,547-113-273-C-36 W6BUD...89,662-114-253-C-60 W6SWG...82,176-107-266-BC-70 W6XSS...78,966-104-253-C-64 W6NZW...63,147-97-217-AC-7 W6MUR...59,040-96-205-C-45 W6UCY...57,132-92-207-C-42 W6OYD...48,762-86-189-C-80 W6HJT...40,716-78-174-C-34 W6NWL...34,650-70-165-B-60 W6NJR...33,252-68-163-A-70 W6NTR...33,228-71-156-A-28 W6HLK...26,448-58-152-A-70 W6APH...23,490-58-135-C-57
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W6UED.....22,344-56-133-A-72	VO6U.....360-10-12-A-2	Tangier Zone	Balearic Islands
W6NKR.....20,691-57-121-C--	VO1D.....264-8-11-A-7	KT1UX.....69,996-39-598-B-32	EA6AF.....34,488-36-322-A-25
W6JFJ.....16,371-51-107-C--	VE1NN (VE1s ABC FF KM KW	Union of South Africa	Belgium
W61D.....13,482-42-107-C-33	OU SS).....76,146-111-233-B-34	ZS5U.....22,380-30-251-A-45	ON4TQ.....13,872-17-273-B-25
W6YY.....13,080-40-109-C-30	VE1YU (VE1s HD FB YU)	ZS1PD.....2112-11-64-A-4	ON4QS.....7200-15-160-A-28
W6LDR.....9447-47-67-C--	20,041-49-137-B-64	ZS6AJ.....1862-14-45-A-9	Corsica
W6KNE.....5829-28-67-B-30	Ontario	ZS1RM.....120-4-10-A-1	F9QV/FC.....14,275-25-192-A--
W6HPB.....3510-26-45-B-15	VE5IR.....11,613-49-79-B-46	ZS10U.....24-2-4-A-1	Czechoslovakia
W6KAU.....2520-21-40-B-4	VE5BHS.....2112-22-32-A-21	ASIA	OK1MB.....77,660-40-654-A--
W6KDNH.....1665-15-37-A-10	VE5YV.....1380-20-23-B-5	Hong Kong	OK1LM.....19,136-26-247-A-4
W6GUZ.....1440-15-32-AB-18	VE3DJD.....192-8-8-B-12	VS6CQ.....448-2-76-A--	OK3DG.....2030-10-68-B-5
W6GEB.....792-11-24-C-2	Quebec	VS6AE.....290-2-49-A-6	Denmark
W6YMD (W6s AOA BXL FUF	VE2BP.....10,296-39-88-B-50	Japan	OZ1W.....43,290-30-488-A--
IFW IBZ KFV OZ PY PBD)	Alberta	JA1CJ.....50,715-35-485-AB-61	OZ7G.....16,236-19-288-A-20
363,480-233-520-C-86	VE6VK.....18,513-51-121-AB--	JA3AF.....38,529-27-476-BC-84	OZ7BG.....11,790-17-230-B-14
W6ITA (W6s ITA OEG ENV)	VE6MN.....3654-21-58-C-18	JA3AB.....25,766-26-339-B-47	OZ5PA.....10,678-19-190-B-6
314,820-212-495-C-92	VE6NX.....1957-19-35-B-11	KA2OJ.....21,947-17-433-B-34	OZ6OJ.....5076-12-143-A-4
W6LDJ (W6s EEK KRI LDJ	British Columbia	JA1CR.....15,428-19-271-B-27	Eire
LHN LNU)	VE7KC.....7805-35-75-B-20	JA1VX.....14,648-19-263-C-44	E19J.....57,924-36-538-B-32
244,620-180-453-BC-93	VE7FC.....5712-28-69-B-25	JA4BB.....10,458-18-196-B-20	E19Y.....25,740-22-393-B-31
W6AM (W6s AM GFE KSF QMC)	VE7ZM.....5508-27-69-B-10	JA7BO.....4355-13-112-A-35	E15F.....9280-16-196-B-12
185,370-167-370-C-80	Manitoba	JA1SR.....1998-9-76-A-28	E15G.....6000-15-137-B-14
K6BFC (K6s BFC EAP)	VE4RO.....137,160-127-360-C-65	JA6AA.....936-8-39-A-7	E16G.....4732-14-116-A-6
22,156-58-128-A-80	VE4TJ.....1560-20-26-B-12	JASAH.....835-5-59-A--	E19F.....2541-11-77-B-11
K6CYT (K6s EGF CVU CYT)	Saskatchewan	JASAQ.....763-7-37-A-4	England
3762-22-57-B-50	VE5PM.....5859-31-63-A-45	JA1AS.....225-5-15-A-4	G5RI.....89,712-48-623-B-50
Arizona	VE5JV.....378-9-14-B-8	JA7AZ.....150-2-25-A-4	G2QT.....31,096-28-380-B-40
W6GAL/7.....254,592-192-442-C-88	AFRICA	JA7AD.....84-2-14-A-3	G2BB.....15,916-23-233-B-30
W7PZ.....3024-28-36-B-18	Algeria	JA8IS.....54-2-9-A-4	G3HJJ.....7264-16-152-B-30
W7ENA.....2280-20-38-A-22	FA9RW.....97,290-47-694-A-60	JA1AC.....16-2-3-A-1	G3BLE.....4212-13-108-B-19
San Diego	FA8DA.....53,724-44-408-A-30	JA3BB (JA3s BB DM)	Faeroes Islands
W3MSK/6.....64,512-96-224-A--	Anglo-Egyptian Sudan	7290-15-162-B-25	OY7ML.....318-6-18-A--
W6LRU.....50,463-89-189-A-55	ST2AR.....20,475-25-273-B--	Lebanon	Finland
W6CAE.....22,743-57-135-B--	Angola	OD5AX.....737-11-24-A-9	OH6BR.....11,880-18-220-A--
W6CHV.....16,800-50-112-B-40	CR6AI.....104,400-40-871-B--	Ryukyu Islands	OH6NR.....7905-15-176-B-35
W6LJQ.....12,789-49-87-B--	CR6CS.....3630-11-111-A-12	KR6LJ.....40,560-26-520-C-47	OH1PW.....5854-14-141-A-4
W6CRT.....10,152-36-94-B-12	Belgian Congo	Singapore	OH7NW.....1742-13-45-A-24
W6BZE.....8424-36-78-C-12	OQ5GU.....113,490-45-845-A--	VS1BJ.....1025-5-69-B--	OH2LA.....1128-8-47-A-4
K6EBH.....7140-34-70-A-41	Canary Islands	VS1GO.....48-8-2-A--	OH3NY.....870-10-29-A--
W6MCY.....5184-32-54-B-28	EA8BF.....93,120-40-778-A-54	EUROPE	OH3OJ.....440-10-15-A-3
K6DGB.....4941-27-61-A-24	Ethiopia	Austria	OH3RA.....5-1-2-A-1
K6BEC.....2640-22-40--2	ET3S.....2808-12-78-A--	OE5JK.....57,540-28-685-A--	France
W6JVA.....2268-18-42--6	French Morocco	OE2JG.....14,400-25-192-A-96	F8VJ.....44,166-34-438-A-36
K6CTQ.....1050-14-25-A-14	CN8EB.....7423-13-191-A-10	OE5AH.....6003-23-85-A-41	F9MS.....22,160-25-299-A-36
W6MGT.....804-12-23--13	French West Africa	OE13USA (K2IKJ, W6HVN)	F7EH.....17,180-20-287-A-34
W6GBG.....540-10-18-B-6	FF8JC.....29,526-37-266-AB-11	98,805-35-949-B-60	F8TQ.....9800-28-119-A-18
K6CUZ.....60-4-5-A-1	Gambia	OE2SP (OE2s PPSF)	F8PM.....7540-20-127-A--
K6DNO/6.....3-1-1--1	ZD3A.....735-7-35-A-4	OE13OM (OE13s OM YL)	F8Tm.....2808-18-52-A-18
Sanita Barbara	Liberia	45-3-5-B-3	F9RM.....2170-14-52-A--
W6ULS.....79,390-108-245-C-75	EL2X.....182,373-53-1147-B-54	EUROPE	F9DW.....858-13-22-A-6
W6ALQ.....60,210-90-223-C-34	Madagascar	Austria	F3IB.....810-10-27-A--
W6YK.....53,311-89-203-C-4	FB8BR.....1590-10-53-A-8	OE5JK.....57,540-28-685-A--	F8SW.....810-9-30-A--
W6A6O.....23,110-67-110-C-22	Madeira	OE2JG.....14,400-25-192-A-96	Germany
W6PQJ.....6912-32-72-C-13	CT3AB.....46,020-65-236-A-15	OE5AH.....6003-23-85-A-41	DJ1BZ.....138,462-47-991-B-70
W6GTI (W6s CEM GTI RRR)	Mozambique	OE13USA (K2IKJ, W6HVN)	DL1KB.....102,258-46-746-B-57
134,670-134-335-C-90	CR7AF.....2688-16-56-A-9	98,805-35-949-B-60	
WEST GULF DIVISION	CR7LU.....1080-8-45-A-14	OE2SP (OE2s PPSF)	
Northern Texas	CR7CO.....792-12-22-AB--	OE13OM (OE13s OM YL)	
W5QF.....11,592-46-84-B-22	Northern Rhodesia	45-3-5-B-3	
W5DXW.....10,363-43-81-B-44	VQ2GW.....8640-20-144-A-10	AOZES Islands	
W5KUJ.....8127-43-63-C--	Rio de Oro	CT2BO.....7476-21-119-A-13	
W5AJA.....7560-45-56-B-30	EA9DF.....127,661-37-1152-A-74		
W5CAY.....5704-31-62-B--	Southern Rhodesia		
W5AWT.....3726-27-46-B-15	ZE5JA.....26,730-30-297-A-36		
W5BJA.....3105-23-45-A-15	Spanish Guinea		
W5VNW.....504-12-14-B-6	EA6AC.....8840-26-115-B-8		
Oklahoma	Spanish Morocco		
W5LW.....35,964-74-162-B-50	EA9AP.....37,889-32-396-A-22		
Southern Texas	Tanganyika		
W5ZD.....30,682-119-226-BC-65	VQ3CC.....1248-8-53-A-8		
W5VIR.....49,383-99-177-A-62			
W5MCO.....10,164-44-77-A-65			
W5BTS.....2904-24-41-A-23			
W5ZWR.....1620-18-30-A-11			
W5SU.....288-8-12-B-3			
New Mexico			
W5DWT.....110,336-128-288-C-59			
W5VRP.....35,112-76-154-B-70			
W5FTP.....1122-17-22-B-10			
CANADIAN DIVISION			
Maritime			
VE1EK.....20,349-57-357-A-27			
VO6N.....10,908-36-101-B-60			
VO2G.....10,450-38-93-B-30			
VE1CU.....7665-35-73-A-16			
VE1HG.....2112-22-32-B-15			



Of all the areas around the globe, Asia has perhaps been hardest hit by the ionospheric doldrums of recent Tests. In 1955 Tokyo's JA1CJ unimpressed by the propagation forecasts, stacked 485 QSOs for 50,715 points, the largest c.w. total out of the Far East since 1950. (Photo by JA1GJ)

DL4ZC.....91,875-49-625-B-64	<i>Switzerland</i>	<i>New Caledonia</i>	PY6FU.....1624-14-39-A-5
DL1DX.....76,956-44-583-B-46	HB9CI.....6681-17-132-A-12	FK8AL.....1785-7-85-A-7	PY2BNX.....621-9-23-A-4
DL1JW.....45,623-41-371-B-49	HB9RD.....3276-14-78-A-40		PY1CK.....324-6-18-A-2
DL1BR.....31,043-37-280-A-4	HB9MU.....3006-9-113-A-84	<i>New Zealand</i>	
DLJ2C.....18,117-27-225-B-52		ZL1BY.....306,408-68-1502-A--	<i>Chile</i>
DL7AA.....14,670-30-163-B-70	<i>Trieste</i>	ZL2GS.....106,899-49-727-A--	CE3AG.....98,340-44-745-B-27
DL1QT.....4608-24-64-BC-14	I1BNU.....29,852-34-293-A-56	ZL1MQ.....81,243-51-631-A-37	CE6AB.....45,430-35-435-B-6
DL9JC.....3666-13-94-B-40	I1BLF.....11,088-24-164-B-19	ZLACK.....7293-17-143-A-4	CE4AD.....37,842-34-371-B--
DL3P.....1513-17-30-B-40	I1BCB.....2873-17-57-A-17	<i>Philippine Islands</i>	<i>Colombia</i>
DL4DX.....1130-10-41-B-27	I1Y CZ.....518-7-25-A-14	DU7SV.....56,064-32-584-B--	HK4DP.....232,712-76-1040-C-66
	<i>Wales</i>		HK4BD.....41,370-30-465-B-46
<i>Gibraltar</i>	GW5SL.....30,384-24-424-B-33	SOUTH AMERICA	<i>French Guiana</i>
ZB2A (G3s) DBT GFM, BRS 20,186).....6583-29-76-A-7	<i>Yugoslavia</i>	<i>Antarctica</i>	FY7YE.....2025-9-75-A--
<i>Iceland</i>	YU2AE.....15,574-26-200-A-35	LU1ZV.....5151-17-101-B-4	<i>Netherlands West Indies</i>
TF3MB.....44,544-32-464-A--	YU2HG.....9126-18-169-A-20	LU2ZV.....1530-10-51-B-2	PJ2AR.....94,031-49-641-A-50
TF3AB.....18,456-24-257-A--	YU2HV.....1305-9-55-A-6	<i>Archipelago of San Andres and Providencia</i>	PJ2AN.....72,468-44-558-A-35
<i>Italy</i>		HK0AI.....32,384-22-499-A--	<i>Paraguay</i>
I1NT.....29,970-27-370-B-30	NORTH AMERICA		ZP9AY.....13,760-20-232-AB-9
I1BDV.....27,360-24-380-B-9	<i>Alaska</i>	<i>Argentina</i>	
I1AMO.....5552-16-117-B-17	KL7AWB.....80,442-41-657-C-30	LU3EX.....185,304-56-1103-B--	<i>Peru</i>
I1ER.....2904-12-83-B-54	KL7AOL.....71,136-39-609-B-38	LU8AE.....156,774-53-986-B-60	OA4J.....4520-10-155-B-35
<i>Liechtenstein</i>	KL7BCH.....63,342-34-621-B-55	LU8FBH.....31,119-23-451-B-6	<i>Trinidad</i>
HB1MX.....3666-13-95-B-9	KL7MF.....576-6-32-A-4	LU7AS.....28,008-24-389-B-32	VP4BN.....23,352-29-281-B-9
	<i>Bahamas</i>	LU3CS.....12,177-11-369-C--	VP4LW.....8100-12-266-A--
ZB1JRK.....3850-10-129-A-18	VP7NM.....453,725-78-1939-A--	<i>Brazil</i>	<i>Uruguay</i>
<i>Netherlands</i>	VP7NX.....241,164-66-1218-A-30	PY7AN.....109,620-45-812-B-75	CX6AD.....63-3-7-A-4
PA0UN.....77,444-38-680-A--	VP7NG.....130,624-52-840-A-22	PY3QX.....19,499-31-213-B-16	<i>Venezuela</i>
PA0VB.....25,560-30-284-B-9	<i>Canal Zone</i>	PY1LZ.....5814-17-114-A-12	YV5BJ.....44,462-43-345-B--
PA0VU.....19,512-24-271-B-6	KZ5BC.....36,224-16-759-B-40	PY1AZO.....6712-16-119-A-10	YV5AE.....28,980-23-420-B--
PA0XD.....12,816-18-238-A-26	KZ5NB.....14,025-15-312-A-27	PY3AHW.....3296-16-71-A-5	YV5DE.....19,425-35-191-B-10
PA0FAB.....10,512-24-146-A-21	<i>Cuba</i>	PY1ADA.....3090-15-69-B-4	
PA0FLX.....8200-20-137-A--	CO2BM.....78,648-29-904-A--	<i>1 W3BES, opr. 2 W3BMY, opr. 3 W1WPR, opr. 4 Hq. staff — not eligible for award. 5 PA0INE, opr.</i>	
PA0TAU.....8142-23-118-A-9	CM5HF.....2280-10-76-A--		
PI1RRS.....6682-26-87-B-23	<i>Greenland</i>		
PA0MDG.....5450-25-73-A-10	OX3UD.....8762-13-226-A--		
PA0HJK.....3168-16-66-A-13	<i>Guadeloupe</i>		
PA0LY.....2240-10-86-A-4	FG7XB.....2970-18-55-A--		
PA0OTC.....576-8-24-A--	<i>Guyananan Bay</i>		
PA0BRS.....513-9-20-A-8	KG4AJ.....302,841-57-1771-C-64		
PA0AGA (PA0s AGA UKC) 594-9-22-A--	<i>Mexico</i>		
<i>Northern Ireland</i>	XE2OK.....308,636-76-1365-A-50		
G1B3EX.....990-11-30-B--	XE1PJ.....9036-12-251-B-5		
<i>Norway</i>	<i>Puerto Rico</i>		
LA6U.....8685-15-194-A--	KP4CC.....247,040-64-1287-B-68		
LA4SE.....4634-14-111-A-30	KP4DH.....220,779-51-1450-AB-80		
LA3HA.....3555-9-135-A-20	KP4ZW.....213,970-54-1354-A-66		
LA17X.....3468-12-97-A-19	KP4YL.....158,799-43-1233-B-50		
LA1E.....1638-13-42-A-8	KP4YT.....39,312-42-312-A-27		
LA7KA.....1500-10-50-A-8	KP4DV.....8417-19-149-B-3		
LA6YC.....957-11-29-A-6	<i>St. Pierre and Miquelon</i>		
LA3SE.....294-6-17-A-9	FP8AP.....39,990-30-445-A-18		
LA1K (LA6 6PB 7ZC) 2301-13-59-B-5	<i>Turks and Caicos</i>		
<i>Portugal</i>	VP5AE.....90-5-6-A-1		
CT1JS.....3510-10-117-B--	<i>Virgin Islands</i>		
<i>Roumania</i>	KV4AA.....296,140-68-1453-B-31		
YO3RF.....1550-10-52-A-20	KV4BK.....106,950-31-1150-B-46		
<i>Saar</i>			
9S4AX.....12,673-23-187-A-50	OCEANIA		
<i>Spain</i>	<i>Australia</i>		
EA4CR.....63,297-39-541-B-96	VK2GW.....97,014-46-703-A-50		
EA1AB.....60,822-31-654-A-40	VK2EO.....68,046-33-683-A--		
EA3GF.....19,155-15-427-B--	VK3XK.....23,556-26-302-A-29		
EA6CS.....12,150-27-153-A-26	VK7KM/7.....18,524-22-283-A-26		
EA1CP.....8192-16-172-A-33	VK5FO.....8030-15-181-A--		
EA4ED.....5148-12-143-A--	VK3XB.....7215-13-185-A-21		
EA3IH.....3380-13-88-B-10	VK3AHH.....7062-22-108-A-10		
<i>Sweden</i>	VK5WO.....1677-13-43-A-12		
SM3AZV.....12,711-19-226-B--	VK3CX.....960-8-40-A--		
SM5ANY.....10,962-21-174-B-28	VK3HL.....856-8-36-A--		
SM2VP.....9348-19-164-B-12	KV3KS.....3-1-1-A--		
SL3AG.....7800-25-104-A--	<i>Hawaii</i>		
SM4BEC.....6669-13-171-B--	KH6MG.....489,066-74-2203-C-69		
SM2BCS.....6030-15-134-B--	KH6J.....461,700-75-2052-C-74		
SM2ALU.....5759-13-149-B-25	KH6PM.....237,006-63-1254-B-61		
SM5IZ.....3432-13-88-B--	KH6AYG.....211,526-58-1216-C-60		
SM2BZI.....2418-13-62-B-18	KH6SP.....88,800-40-740-B--		
SM3AKM.....2352-14-56-B-56	KH6ANK.....61,047-51-399-B--		
SM7BHF.....855-9-32-B-4	KH6WW.....11,250-25-150-B-6		
SM5PX.....513-9-19-A-19	KH6IB.....9570-22-145-A-32		
SM6CCE.....96-4-8-A--			
SM6SU.....96-4-8-B-3			
SM7MS.....12-2-2-A--			

DX Contest Results

(Continued from page 68)

DELTA DIVISION

Louisiana

W5JUF.....23,287- 73-108-C- -
W5KC.....6930- 42- 55-B-11
W5CEW.....6765- 41- 55-C- -
W5BVD.....1320- 20- 22-B-12
W5INL.....675- 15- 15-A- -

Tennessee

W4DQH....119,915-145-277-C-57
W4FKA....25,718- 77-112-B-41

N.Y.C.-L.I.

W2WZ.....173,160-156-370-C-6
K2CJN.....10,212- 46- 74-A-22
W2BRV.....4200- 35- 40-B-10
W2SGK.....1474- 22- 23-C- -
K2DEM.....297- 9- 11-B- 4
W2GSN.....27- 3- 3-B- 1
K2CMV.....3- 1- 1-B- 2

Northern New Jersey

W2SKE/2..439,356-228-650-C-96
W2GLF.....19,032- 61-104-C-25
W2BOK.....960- 16- 20-B- 4
K2IKS.....3- 1- 1-A- 1

GREAT LAKES DIVISION

Kentucky

W4KZF.....2673-27- 33-B-10

Michigan

W8RLT....89,916-127-236- B-45
W8DUS....67,041-117-191- C- -
W8PRY.....144- 6- 8- - -
W8QIT.....27- 3- 3- C- 6
W8DLZ.....12- 2- 2- B- 2
W8NGO (W8s CLR NGO)
91,432-129-236- -80
W8NWO (W8s HMI NWO)
74,466-126-197-AB-95

Ohio

W8NXF..101,178-146-231- B-67
W8LKH..88,832-128-232- C-54
W8ZOK...40,860- 90-152- B- -
W8YHO...32,766- 86-127- B-32
W8PUD...20,700- 60-115-BC-53
W8AJW...17,670- 62- 95- A- -
W8BF...16,302- 66- 83- C- -
W8BTI...12,654- 57- 74- C-35
W8FGX...10,260- 45- 76- C- -
W8KZT...5580- 30- 62- - -
W8HQK...3556- 28- 43- B- -
W8LOF...390- 10- 13- A- 5
W8HFE...144- 6- 8- - -
W8PM...75- 5- 5- - 2
W8GDQ...45- 3- 5- B- 7
W8OMK...27- 3- 3- - -
W8BKP (W8s BKP WFB)
133,569-153-291- C-75

HUDSON DIVISION

Eastern New York

W2VRE....12,012- 52- 77-BC-30

MIDWEST DIVISION

Iowa

W0DIB.....264- 8- 11-B- -
W0QVZ.....27- 3- 3-B- 1
W0NWX (W0s FNR NWX PKH
VDQ).....18,207- 63- 99-B- -

Kansas

W0QFQ....10,665- 45- 79-B-34
W0MVO....5076- 36- 47-B-15
W0VBQ....2511- 27- 31-C-14
W0IUB....648- 12- 18- - -
W0GAX....6- 1- 2-A- -
W0EIB (W0s EIB OCP)
23,079- 49-157-C-72

Missouri

W0GEK....15,698- 47-112-B-39
W0MCX....7488- 39- 64-C-28
W0QDF....1080- 18- 20-C- -
W0ANF....168- 7- 8-C- 2
W0LLU....126- 6- 7-A- 4

Nebraska

W0GKL....9636- 44- 73-C-30
W0BBS....6090- 35- 58-C-13

NEW ENGLAND DIVISION

Connecticut

W1ATE....492,184-238-690-C-94
W1ODW....12,879- 53- 81-A- -
W1CJL....2304- 24- 32- -20
W1APA....360- 10- 12-C-10
W1YYM¹....108- 6- 6-A-10
W1YWU....27- 3- 3-B- -
W1ZMB....8- 2- 2-B-15

(Continued on page 156)

Maine

W1DLC.....35,076- 74-160- -60

Eastern Massachusetts

W1PST.....42,581- 77-186-C- -
 W1ONK.....23,925- 55-145-B- 8
 W1MKW.....216- 6- 12- - 4
 W1MX(W1s VUW YFM, W4YHD,
 W5ZID, VE2ALP)
 8512- 38- 76-C-27

Western Massachusetts

W1ZD.....6660- 37- 60-C-11
 W1CLX.....5310- 30- 59-B-10
 W1YQC.....1674- 18- 31-B-22
 W1KfV.....270- 9- 10-B- -

Vermont

W1SPK.....216- 8- 9-B- 4

NORTHWESTERN DIVISION**Montana**

W7FIN.....1222- 13- 32-B-35
 W7NPV.....336- 8- 14- - 5

Oregon

W7HXG.....23,790- 61-131-C-30
 W7DAA.....14,553- 49- 99-C-30

Washington

W7ESK.....151,200-120-420-C-80
 W7DL².....59,584- 76-262-C-55
 W7GWD.....13,224- 38-116-B-48
 W7HRH.....9160- 40- 77-C-25
 W7PQE.....3540- 20- 59- -10
 W7NLI.....270- 6- 15-C- 2
 W7OMB.....63- 3- 7-A- 5

PACIFIC DIVISION**Nevada**

W7VIU.....405- 9- 15-B-10
 W7JUO.....270- 9- 10-C- 3

East Bay

W6IDY.....59,040- 93-205-C-64
 W6LDD.....1098- 18- 21-C- 6
 W6KEK.....540- 9- 20-B- -

San Francisco

W6CBE.....7215- 37- 65-B-21
 W6ATO.....1302- 14- 31-C-10

Sacramento Valley

W6GVM.....5490- 30- 61-C- -
 W6GHG.....1248- 13- 32-C- -
 W6HIR.....900- 15- 20- -13
 W6WZD (W6s WYR WZD)
 66,848- 78-287-C-63

San Joaquin Valley

W6EFV.....1215- 15- 27-B- 4

ROANOKE DIVISION**North Carolina**

W4CVX.....5168- 38- 46-B-10
 W4UXI.....108- 6- 6- - 2

South Carolina

W4TWW.....36,288- 84-144-B-62

Virginia

W4KWY.....282,540-204-463-C- -
 W4OM.....214,884-188-381-C- -
 W4CBQ.....55,872- 97-192-C-54
 W4NQM.....14,766- 46-107-C- -

West Virginia

W8UMR.....810- 15- 18-B- 6

ROCKY MOUNTAIN DIVISION**Colorado**

W0SBE.....6726- 38- 59-C-32

Utah

W7QDJ.....2584- 19- 46- -25

Wyoming

W7PSO.....1008- 12- 28-B-20

SOUTHWESTERN DIVISION**Alabama**

W4HA.....15,028- 52- 97-C-23

Eastern Florida

W4EEO.....1587- 23- 23-B-10
 W4APY.....1296- 17- 24- -12
 W4LQN.....495- 11- 15-A-15

Western Florida

W4AFS.....7560- 36- 70-A-38

Georgia

W4EEE.....100,602-138-243-C-62
 W4PGZ.....2688- 28- 32-B- 7

SOUTHWESTERN DIVISION**Los Angeles**

W6YY.....233,444-148-526-C-81
 W6VSS.....99,231- 97-341-C-36
 W6HJK.....4524- 26- 58-A-25
 W6NJU.....3528- 24- 49-A-15
 K6AUZ.....60- 4- 5- - 2
 W6AM (W6s AM BXL KPC
 QMC).....124,413-113-367-C- -
 W6BJU (W6s BJU CUF)
 9660- 35- 92-C-16
 K6BFC (K6s BFC EAP)
 3510- 26- 45-A-40
 W6BAB (W6s OKJ VEB, K6s
 CJT CVL GPJ GPK
 1134- 14- 27-C-48
 W6UYW (W6UYW, K6DUH)
 3- 1- 1-A- 1

Arizona

W7VMP³.....13,005- 51- 85-C-28
 W7PZ.....1404- 18- 26-B-15
 W7ENA.....18- 2- 3-A- 4

San Diego

W6CHV.....31,275- 75-139-B-40
 W6CTP.....15,600- 52-100-C-35
 K6BEC.....150- 6- 9-B-40
 W6GBG.....126- 6- 7-B- 5
 K6CUZ/6.....3- 1- 1-A- 1
 K6DNO/6.....3- 1- 1- - 1

Santa Barbara

W6YK.....11,169- 51- 73- - -
 W6ALQ.....216- 6- 12-A- 6

WEST GULF DIVISION**Northern Texas**

W5KUJ.....7920- 44- 60-C-80
 W5QF.....2706- 22- 41- -11
 W5ZUI.....1817- 23- 27-B-30
 W5BJA.....390- 10- 13-A- 5
 W5DXW.....390- 10- 13- -13
 W5VNW.....3- 1- 1- - 1

Oklahoma

W5ALB.....29,187- 69-141-B-43

Southern Texas

W5KBP.....62,496-112-186-C-56
 W5SU.....5760- 32- 60-B-40

New Mexico

W5FTP.....742- 14- 19- B-10
 W5DWT.....216- 8- 9-AB- 4

CANADIAN DIVISION**Maritime**

VO6N.....4455- 27- 55-B-35
 VO6U.....2310- 22- 37-B-15
 VE1CU.....429- 11- 13-A-12
 VO1D.....351- 9- 13-A- 8
 VE1HG.....75- 5- 5-B-10

Ontario

VE3ARS.....22,425- 65-115-B-31
 VE3BDB.....15,600- 52-100-B-29
 VE3IR.....1716- 22- 26-B-36
 VE3DKH.....1386- 21- 22-A-14
 VE3DNE.....147- 7- 7-A- 5
 VE3RCS (VE3s ATU CWB DTM)
 56,158- 86-218-B-96

(Continued on page 138)

Quebec
 VE2APC.....23,562- 63-126-B-48
 VE2JR.....9360- 45- 70-B-36

Alberta
 VE6NX.....4316- 26- 56-B-37

British Columbia
 VE7ZM.....462- 11- 14-A- 3
 VE7APV.....99- 3- 11- -21

Manitoba
 VE4RO.....49,128- 92-178-C-56

Saskatchewan
 VE5GF.....2142- 21- 34-B-20
 VE5VZ.....420- 10- 14-B-15

AFRICA

Canary Islands
 EA8AX.....546- 13- 14-A- -

French Morocco
 CN8EB.....357- 7- 17-A- 2

Liberia
 EL2X.....81,405- 45-603-B-45

Madeira
 CT3AE.....6831- 23- 99-A-24

Mozambique
 CR7AF.....105- 5- 7-A- -

Southern Rhodesia
 ZE2KR.....9675- 25-129-A-20

Spanish Morocco
 EA9AR.....13,524- 23-196-A-16

Tangier Zone
 KT1UX.....357- 7- 17-B- 1

Union of South Africa
 ZS6DW.....41,140- 44-313-A- -
 ZS6FN.....1050- 10- 35-A- 4
 ZS6AIY.....459- 9- 17-A- -
 ZS6AFE.....384- 8- 16-A- 7

ASIA

Japan
 KA2OJ.....3531- 11-107-B-16
 JA1VP.....450- 3- 50-A-12
 JA4BB.....450- 5- 31-B- 4
 JA1AGU.....141- 3- 16-B- -
 JA3MD.....52- 2- 9-A- -
 JA1GV.....45- 3- 5-B- 2
 JA3BU.....18- 6- 1-B- 1
 JA2AH.....3- 1- 1-A- 1
 JA3BB (JA3s BB DM)
 162- 3- 18-B- 3

Lebanon
 OD5AB.....336- 7- 16- - -

Saudi Arabia
 HZ1AB⁴.....234- 6- 13-B-20

EUROPE

Austria
 OE13USA...16,548- 21-263-B-34

Belgium
 ON4OC.....7140- 14-173-A-23
 ON4LJ.....528- 8- 22-B-10

Czechoslovakia
 OK1NB.....2377- 13- 61-A- -

Denmark
 OZ5KP.....3648- 16- 76-A-18
 OZ7BG.....1254- 11- 38-A- 7
 OZ7G.....567- 9- 21-A- 8

Eire
 EI5I.....14,560- 20-243-B-24

England
 G2PU.....9774- 18-181-B- 9
 G3DO.....5831- 17-115-B-17
 G3HJJ.....432- 9- 16-B- -

Finland

OH1PN.....135- 5- 9-A- -
 OH6NR.....105- 5- 7-A- -
 OH3RA.....3- 1- 1-A- 1

France

F8SK.....12,012- 14-286-A-34
 F9RM.....567- 7- 27-A- -
 F8UM.....378- 7- 18-A- -
 F3NG.....120- 5- 8-A- 5
 F9DW.....3- 1- 1-A- 1

Germany

DL1KB.....8211- 17-161-B-34
 DL4DX.....1107- 9- 41-B-18
 DL6XZ.....644- 7- 32-A-15
 DL5TW.....120- 4- 10-A- -

Gibraltar

ZB2A (G3s DBT GFM, BRS
 20,186)....12,213- 23-183-B-19

Italy

I1BDV.....12,483- 19-219-B- -
 I1TDJ.....2136- 12- 60-A-10

Liechtenstein

HB1MX.....3388- 11-103-B- 7

Malta

ZB1DK.....1014- 13- 26-A-10

Netherlands

PA0ULA.....2457- 13- 63-B-13
 PA0XD.....2301- 13- 59-A- 8
 PA0VB.....990- 10- 33-B- -
 PI1RRS⁵.....891- 11- 27-B-16
 PA0UV.....520- 8- 22-B- -
 PA0OTC.....54- 3- 6-A- -
 PA0ZGD.....3- 1- 1-A- 1

Norway

LA5YE.....1632- 17- 32-B-12
 LA4KD.....582- 6- 34-A- 9

Portugal

CT1SQ.....46,440- 40-389 B-44
 CT1PK.....10,890- 22-165-B- 9

Scotland

GM3GCH.....180- 6- 10-B- -

Spain

EA4DL.....27,552- 28-328-B-96
 EA4DR.....13,248- 23-194-B- -

Sweden

SM5FA.....2844- 12- 79-B- -
 SM2VP.....168- 4- 14-A- 2

Trieste

I1BNU.....1290- 10- 43-A-16

NORTH AMERICA

Alaska

KL7BCH.....4200- 14-100-B-26
 KL7AWB.....3856- 16- 81-C-12
 KL7BHK.....1197- 7- 57-B-12

Bahamas

VP7NX.....148,665- 53-935-A-75
 VP7NS.....990- 11- 30-B- -

Barbados

VP6WR.....127,098- 69-625-A-40

Bermuda

VP9L.....66,317- 47-471-B-41

British Honduras

VP1GG.....22,932- 28-273-A-14

Canal Zone

KZ5DJ.....16,302- 26-209-B- -
 KZ5WZ.....696- 8- 29-B- -

Cocos Island

TI9MHB....14,580- 30-162-B- 6

Cuba

CO2BM.....13,338- 26-171-A- -
 CO2EC.....3828- 22- 58-B- -

Guantanamo Bay

KG4AJ.....55,044- 44-417-B-48

(Continued on page 140)

Mexico

XE2OK..... 53,998- 53-312-A-20
XE1PJ..... 270- 6- 15-B- 1

*Archipelago of San Andres
and Providencia*

HK0AI..... 15,433- 23-229-A

Nicaragua

YN4CB..... 49,545- 45-367- A - -

Argentina

LU1EQ..... 63,300- 50-432-B-43
LU7BQ..... 17,496- 36-162-A-22
LU9AW..... 6318- 26- 81-A- -
LU4DMG..... 315- 5- 21-B- -

Panama

HP3FL..... 73,017- 57-429-B-15

St. Pierre and Miquelon

FPSAP..... 9620- 20-161-A- -

Brazil

PY2CK..... 10,413- 39- 89-C- 6
PY4OF..... 1920- 10- 64-A- -

Turks and Caicos

VP5AE..... 47,880- 38-421-A-26

OCEANIA

British Guiana

VP3HAG..... 15,930- 30-177-A-15

Australia

VK2GW..... 6240- 24- 87-A-25
VK5XN..... 795- 5- 53-A- -
VK5WO..... 18- 1- 6-A- 1

Chile

CE2GG..... 5478- 22- 83-B-24
CE6AB..... 3081- 13- 79-B- -

Hawaii

KH6LJ..... 162,486- 50-918-C-64
KH6PM..... 90,576- 48-629-B-54
KH6AXH..... 59,040- 40-492-A-60
KH6MG..... 35,100- 38-325-C-22
KH6SP..... 25,248- 32-263-B- -
KH6ANK..... 609- 7- 29-A- -

Ecuador

HC1PJ..... 3942- 18- 73-B-11

Netherlands West Indies

PJ2AF..... 101,475- 55-621-A-42

New Zealand

ZL1BY..... 32,289- 47-229-A-29
ZL1MQ..... 17,427- 37-157-A-23

Paraguay

ZP5CF..... 2592- 12- 72-A- -

Philippine Islands

DU7SV..... 2460- 10- 82-B- -

Trinidad

VP4BN..... 28,700- 35-274-B-22

Western Caroline Islands

KC6CG..... 18- 2- 3-A-16

Uruguay

CX2CN..... 4692- 23- 68-A-21
CX2BP..... 378- 7- 18-C- -

SOUTH AMERICA

Antarctica

VP8BD..... 1368- 12- 38-B- -

Venezuela

YV5DE..... 2159- 17- 43-B- -
YV5BJ..... 495- 9- 19-B- 3

¹ Hq. staff — not eligible for award. ² W6VUW, opr. ³ W7VMQ, opr. ⁴ W6CRV, opr. ⁵ PA9INE, opr.

ARRL thanks these amateurs for submitting their logs for checking purposes: C.W. — W1s G DY K F V M A N M T G, W2s F E F M P G Y Q N O Y, K2s E Q D J Z T, W3s A A L A I V H T K P E V, W4s F S A L Y V V E, W5H D S, W6s J Y N W Z D, W7s C R C E W R M O, W9s P N E T K R, W0P R M, V E 3 D G X, V E 5 C X, V E 6 S X, V E 7 F C, K L 7 B B V, S M 5 V N, S M 6 B D S; 'Phone — W1K S K, W2s F E F M P V U M, K 4 A H W, W5s G A H Z W R, W9U K G, W0B U R, V E 6 F I, V E 7 E B C X 2 C F, E I 6 G, V P 7 N G.