

1960 ARRL Sweepstakes

C. W. - Phone - Club Results

COMPILED BY ELLEN WHITE,* WIYMM

THE Sweepstakes, 73 c.w. and 73 phone contests rolled into one, embellished with an enthusiastic club competition, is the biggest, the best and the most fun to many, many hams in the ARRL field organization. From the moans accompanying miserable conditions November 12-13 to the cheers greeting band improvements November 19-20, this 1960 SS had it all!

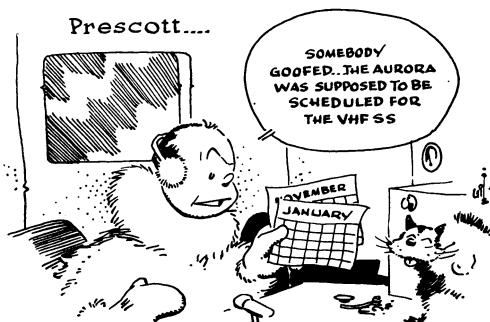
Slightly under 2000 logs were received representing all sections c.w. (1361 entries) and 70 sections phone (594 logs). If conditions are on the downgrade it's hard to tell by SS participation and enthusiasm. Universal lament; conditions that *first week end!* General approbation; the beneficial use of GMT.

On with it now, the tale of the 27th SS.

CALL-AREA HIGHLIGHTS

There's a first time for everything and the SS is no exception! Following a uniform log analysis, the E. Mass. c.w. logs of both K1DIR and W1AQE came up a dead heat, 600 QSOs — 72 sections — 108,000 points, even to 37 hours! Duplicate section awards, of course. Elsewhere in New England, W. Mass. multipliers were more than abundant thanks to W1s EOB and JYH. W1EOB edged out Rog by 25 two-ways, a real close one. Where was Vermont? Come now, W1QMM dispensed 329 messages, where were *you?* In Conn. W1DGL summed up the most, but John's Hq. status makes him ineligible for the award; section adjudication to K1HTV.

Vocally E. Mass. provided first district phone interest too with 17-year old K1KTH tallying 333/62 for 61,380 points. Old reliables W1GKJ (Me.) and W1FZ (N. H.) made their appearances audible and won familiar looking awards for their respective sections.



The New York-New Jersey circuit proves interesting in the light of K2s DGT and UPD making 1000 and plus reciprocal code contacts. If you'll note last May's *QST*, page 65, you'll see that K2DGT's credo is antennas. K2UPD maintained a rate of 33 exchanges hourly and along with all other second area section leaders bestowed 4771 messages, egad!

The microphone technique was mastered by K2GXI who parlayed 550/73 into 119,574 and highest score amongst the twos. S. N. J. provided drama as W2LBX squeaked by WA2IEK with 201 points to spare and topped 46 other S. N. J. fans. K2TAP led many an N. L. I. phone contender with his 424/64 combination.

W3BES emerged victorious from the in-veterate battle for E. Pa., with the third highest score in this portion of the competition. Jerry heads up a list of 20 W/K3s who made the clean sweep. A quick scan at the E. Pa. listing shows 15 who broke 100-K.

Reviewing the threes in an A-3 fashion, we see a repeat performance by K3DVS almost doubling his '59 total with 600 exchanges. Old pros W3ECR and W3MQC were in there pitching too while W. Pa. actives handed out almost 500 messages. Once again W3ZKH reaps honors for MDD.

The fourth area touches the Delta, Great Lakes, Roanoke and Southeastern Divisions and top code man among the many sections therein is W4DQS who relinquished the 1.25 multiplier but piled up QSOs like crazy (1362 all told) for a final score a bit under 200K. He who knows the fourth district must ask "where was W4KFC?" Although ill the first weekend Vic's final score looks healthy enough with 173,813 points! Tennessee's K4PUZ and W4CVI (Ky.) as well as W. Fla.'s W4HQN bettered 150K. If you were paying attention, like, you too would be one of the 325 happy ones who exchanged messages with KP4AOO who led three entries from the popular W. I.

Perusing the fourth district for phone-band activity, we can't help but be impressed by the slam-bang job done by Tennessee's K4LPW. As adept with a mike as with a key (K4LPW/W3-DGM) Mel dominated the fours with 646 exchanges, all sections and 141,474 points. Virginia's W4BVV led a field of 24 phone operators but Division-wise, North Carolina's K4FWF edged him out.

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5 Among the fives are many Morse men and this year the maestro was W5WZQ who took time out from chasing DX (200 confirmed) to make 1301 QSOs and 2nd highest score on the A-1 frequencies. QSOs abounded from this district what with K5QNF and W5MCT topping 200 thousand points. Keep your eye and ear on the West Gulf Division for top scores in competitions to come. KZ5s TD and DF bestowed C. Z. multipliers on 656 of the faithful accompanied by many sighs of relief from the recipients.

Three fives talked their way to top positions with W5KC in his usual stronghold as top man in Louisiana, with a fourth high country-wide score. Followers up were K5IID with 576/67 and XYL W5DRI with 506/71. K5TST was one of the popular multipliers confirming Arkansas credits.



6 Continuing his evident mastery of the California code success formula, W6ZVQ keyed some 1200 SDgo exchanges for 220,278 and fourth high national spot. Upstate the Santa Clara Valley was the scene of a melodramatic melee as W6QHS operated W6YX for 185,968 while W6UTV did all but trod on his heels with 185,310. K6CTV led Los Angeles and accomplished the magic mark of 1000. Some 2688 KH6 exchanges were greeted with an *aloha nui* by multiplier seekers as 8 Hawaii stations pounded brass. In his own inimitable fashion, *kamaaina* KH6IJ gave his lesson on "how to win a section award."

K6EVR was more than audible in his reappearance on the A-3 Sweepstakes scene. Ron refashioned his 1958 record into a brand new version based on 1090/70 and 227K points. This represents the third highest total in the *entire c.w.-phone competition*. W5BJZ/KH6 was much in demand as he dispensed 459 in 62.

Code champs all, just check and see. From top to bottom: K6CTV, L. A. leader with 188,066 followed by one half of the winning E. Mass. tie, K1DIR. Bob used a Navigator-813 and SX101A plus a \$5 homebuilt cubical quad. Second from the bottom is top W7, W7KEV. Ed was first licensed in '36 as W9WTW in Colo. and has been W7KEV since '45 with the big signal from Nevada. Happy indeed with the loan of a new Invader transmitter for the SS, K6SX/Ø put it through its paces for the high spot in Iowa. Starting out in '56, Jim has won contests and awards galore and is currently studying at Grinnell College.



NOVICE CERTIFICATE WINNERS

WV2NPI	KN4ZRX	WV6MOW	KN9ZJK
KN3KKA	KN5AEE	KN8TLL	KNØBMH
KN3KRF	KN5ERQ	KN8UNP	
KN4WHV	KN5ZJK	KN9WRD	

7 Topping all sevens and always in c.w. demand was Nevada's W7KEV; coming up and passing the 200,000 target. A tight battle ensued in Oregon as W7JHA edged out W7TDK. Up in Alaska KL7KG dealt out 395 multipliers to avoid followers of the SS game, while K7s CHH CRL and W7s BAJ HAH ZMD and ZN were on hand to furnish secs. galore.

Washington's W7BSW showed how to talk up the two-ways, summing up 714/73 and pointwise topping K7CHH's c.w. Washington computation. Wyoming was the scene of verbal excitement in a battle for section leadership as K7IAY outpointed W7CQL 48,198 to 47,676. Interesting were the line ups awaiting W7s JHL MKI and UGQ as they parcelled out Montana, Idaho and Oregon confirmations.

8 The onslaught of eights always leaves us aghast and this year's stack of 165 code contestants takes some wading through. While W8OYI made the charmed circle with his 1005 attestations, the big race was for the second slot in Michigan with K8IPR and W8s VPC and DUS trading signals with the pack.

If you haven't guessed who won phone for Ohio you just haven't been with it 'lo these many years' and naturally W8AJW ditto'd his umpteen voice victories, in case there's any doubt. The East River Amateur Radio Club of Bluefield, West Virginia was active under the club K8MIH with 7 operators dispersing 327 augmentations.

9 W9IOP set his c.w. sights even higher for 1960 and set a new SS record — 1424/73 and makes us ponder upon the possibilities some year of 300,000 SS points! The Wisconsin Valley mainstay W9RQM shows no signs of tiring as he keeps the pack in line and just about finishes papering a wall with 15 section awards! Averaging out the over-90 code contestants in Illinois smooths out the QSO average to about 223 per — *zounds!*

Voicing verbal versatility in the Central Division was W9NZM with 379/73 from Illinois with a closely seconded *voilà* from Wisconsin's W9VZP 398/68. Phone as well as c.w., Illinois put on the big showing from the Ill.-Ind.-Wisc. area.

0 The zeros in the Dakota-Midwest-Rocky Mt. Divisions set their sights east and west and you name it to register code scores worthy of respect. Out in Colorado the air may be thin but QSOs were thick and fast as WØEWH made close to 30/hour for the full forty. Meanwhile, KØMPH and WØSMV dispensed Dakota deals to 1348. Native Californian K6SXA/Ø took time out from studies at Grinnell College to put a prototype transmitter through this most grueling of tests and still thinks 944/73 a "not very good" showing! WØYCR at 146K and WØJPH at 133K both helped put Minnesota in your log this time 'round.

WØPRZ always manages to find time to put South Dakota on the phone map in a big way. Up on the phone frequencies 640 vocal fanciers testify to that! Second top tally in zero-land comes from KØMMS (Iowa) at 81,165 followed by KØOER (Colo.) with 67,770.



The big c.w. signal from So. Texas was initiated by W5WZQ with 1301/73 and 235,608 points. Gear used: HQ170, Viking Valiant. Note the "proxos" on top and the judicious use of the clothes pin! Dave has been licensed 8 years on 80-10 and finds DX and contests irresistible.

VE Among the most popular signals present in any SS are those emanating from Canadian sections to the north with that elusive VE8 prefix cajoling the unwary with the blandishment "work 'em all." To make the c.w. report complete for '60 we even received VE8RW's log in time for publication! Highlighting VE/VO efforts was B. C. brightlight VE7EH with 793/71, while other fine efforts came from VE3BFA operating VE3UOT, VE6AO, VE2-BAE, etc.

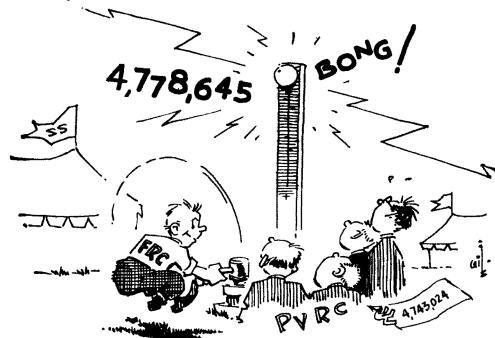
Phone-wise Canada caused many a moan this year, but cheers indeed for those who did get on and did report their results. *A votre sante bon amis* VE4SD, VE7CE, VE5ZM, VE3PV, VE6-AAV, VE3CKW, VE6GB, VO1DZ and VE3JF.



W8OYI has been a ham since '26 and has always been a "regular" in the SS. Joel used a Viking I on 10 and 15 and the DX 100 on 20-40-80, with 75A-4 receiver. A mighty fine code showing, top W8 with 1005 two-ways.

Club Scores

Nip and tuck it was, in fact — as it has been during recent years! The Frankford Radio Club, with 58 members in the melee, totaled up 4,778,-645 points. Another silver-banded gavel to the FRC gang for a fine showing. A hair's-breadth behind, averaging just over 83,000 points per member, appears the Potomac Valley Radio Club. This particular club competition was decided by so seemingly small a thing as a few logs that had been neglected to be sent in. All told, 84 clubs appear on the accompanying tabulation, representing activity from all portions of the field organization. Some 106 club members will shortly be receiving special club certificate awards for their activity and club support. The South Jersey Radio Assn. moved from 8th to 3rd place and serves notice that it intends to offer serious competition in all low frequency *as well as* high frequency contests in the future. The Ohio Valley Amateur Radio Association increased their 1959 SS aggregate by 71,237 points and moved from 7th to 3rd. From 11th to 5th, a sizeable step upwards, went the Connecticut Wireless Association. Despite the poor conditions during the first weekend, the Lake Success Radio Club raised their club total almost 79% over that of the previous year, FB.!



On the negative side, 20 clubs failed to make the listing due to the lack of just one club score. Numerous others did not make the tabulation because of insufficient entries. It takes three to qualify for the listing, and three phone or c.w. submissions to warrant a club award.

Several of the finest of the phone signals heard in the 1960 Sweepstakes started out right here. On the left, W5DRI ousted OM W5DQK right out of the operating spot in front of the B&W 5100-75A-3 for this, her first SS. Dena talked her way to honors for Miss. with 506/71. On the right is the old pro K4LPW with 141 thousand phone figures from Tennessee. Mel started out in '27 as 3ATZ, W3DGM in '32 and K4LPW in '56 and made this his initial crack at a phone SS. Note the HT32, SX101A and home-brew 400-watt linear in the HT31 cabinet (the latter not used in the SS). Among the items on the shelf are a homemade direction globe, Select-O-Ject, s.w.r. bridge, keying monitor, match box and FRC SS trophy with ARRL gavel.



W1EOB	W3EIS	K4LPW*	W5WZQ	K9KDI
W1JYH	W3EQA	K4PUZ	K6CTV	K9OTB
W1TS	W3GAU	K4VLN	W6JKJ	K9RFW
K2GXI*	W3GHM	W4AHY	W6JVA	W9GRF
W2AYJ	W3GQO	W4CVI	W6SSB	W9IOP
W2GGE	W3GQF	W4DQS	W6YX	W9NZM*
WA2EFN	W3HHK	W4DVT	W6ZVQ	W9QQ
WA2IZS	W3IYE	W4IA	KH6IJ	W9ZAB
WA2OJD	W3JNQ	W4JAT	W7BSW*	W9ZYD
K3CYA*	W3JSA	W4KFC	W7KEV	K6SX/A
K3JQU	W3KFQ	W4LVV	K8KNT	W9EEE
W3ALB	W3KT	K5ABV	K8QJH	W9EWH
W3BES	W3NCF	K5ESW	W80YI	W9NCS
W3CGS	W3VAN	K5QNF	W8QHW	W9PRZ*
W3DRD	K4JLD	W5BUK	W8ZJM	W9YCR
*Phone				

*Phone

Soapbox

"This is one SS I'd like to forget but guess I'll always remember. Conditions were the worst I have ever heard, an almost universal complaint locally." — *W3JNQ*. . . . "My first serious SS effort and first time on c.w. for almost 3 years. I'll get the hang of this contest business soon. Try a rhombic for a real kick." — *W6QHS*, opr. *W6YX*. . . . "WITS's impromptu GP erected with ease proved the best \$4.68 ever spent, also the best antenna ever had. Worked all W7 sections in just ten W7 QSOs." — *W1NJI*. . . . "I'll be darned if I didn't miss Utah when I double checked my sections." — *W3MFW*. . . . "One station called me 4 times. Help!" — They need Op. Aid #6!!" — *W8QHW*. . . . "Sorry for this sloppy log (not so . . . ed.), I hadn't intended to enter the phone SS but once in I couldn't quit." — *VE7CE*. . . . "Didn't get Idaho or Hawaii which I need for WAS." — *WA2DES*. . . . "Don't know whether participating made me feel younger or older, but it certainly made me realize that a lot of changes have occurred in ham radio since last I took part before WW-II." — *W4JUK*. . . . "WA6BUX and W6LRU live less than 2 blocks away and they're both very active in the SS." — *WA6JFD*. . . . "Worked all states in this SS." — *W6OIV*. . . . "If my Oklahoma phone score holds up, this will be my 6th year to win, with the same homebuilt rig." — *W5IWL*. . . . "This



From May 1960

QSL CARD

PHONE WINNERS, 27TH A.R.R.L. SWEEPSTAKES

Section	Call	Score	Transmitting Equipment	Receiving Equipment	Bands Used
E. Penna.	K3DVS	121,788	Apache	HQ110	75, 40, 20, 15, 10
Md.-Del.-D. C.	W3ZKH	84,663	Viking II; GSB100	NC500; HQ150X; DB23	75, 40, 20, 15, 10, 6
S. N. J.	W2LBX	35,223	DX100	NC303	75, 40, 20, 10, 6, 2
W. N. Y.	K2GXI	119,574	5100-100V	75A4	75, 40, 20, 15, 10
W. Penna.	W3LWW	22,113	VFO-6146-8005	HBR14	75, 40
Illinois	W9NZM	82,454	32V1s; HT32	75A4; 75A2	75, 40, 20, 15, 10
Indiana	K9GMD	55,965	HT37	SX101	75, 40, 20, 15, 10
Wisconsin	W9VZP	81,192	Viking II	75A2	75, 40, 20, 15, 10
No. Dakota	K6UTL	61,992	Valiant	SX101A	40, 20, 15, 10
So. Dakota	W6PRZ	93,002	32Si-Viking KW	75S2	75, 40, 20, 15, 10
Minnesota	W6VIP	18,780	4-400A	NC183D	75, 40, 20, 15, 10
Arkansas	K3TST	63,657	Apache	S85	40, 20, 15, 10
Louisiana	W5KC	126,210	HT37	HR07-GSB1	75, 40, 20, 15, 10
Mississippi	W5DRI	107,778	5100	75A3	40, 20, 15, 10
Tennessee	K4LPW	141,474	HT32	SX101A	75, 40, 20, 15, 10
Kentucky	W4NWT	71,208	7C5-E26-812A	HQ160	75, 40, 20, 10
Michigan	K3PCZ	61,425	Apache	HQ170C	75, 40, 20, 15, 10
Ohio	W8AJW	96,063	32V1	SX101	75, 40, 20, 15, 10
E. N. Y.	W2AKN	35,616	DX100	HQ110	75, 40, 20, 15, 10
N. Y. C.-L. I.	K3TAP	79,680	Globe King	NC300, DB20	40, 20, 15, 10
N. N. J.	K2RBD	48,941	Viking II; Gonset II	SX71; Gonset II	75, 40, 20, 15, 10, 2
Iowa	K9MM5	81,165	DX100	SX100	75, 40, 20, 15, 10
Kansas	K4USB/9	15,674	Globe Champ 300	51J	40, 20, 15, 10
Missouri	K9LTK	51,678	DX100	Super Pro	40, 20, 15, 10
Nebraska	K9QJG	41,664	Ranger	NC300	75, 40, 20, 15, 10
Maine	W1GKJ	59,378	Viking II	HR060	75, 40, 20, 15, 10
E. Mass.	K1KTH	61,380	5100	AR3, converter	75, 40, 20, 15, 10
W. Mass.	K1LRB	45,504	HT37	SX111	75, 40, 20, 15, 10
N. H.	W1FZ	42,750	Viking I; Gonset	75A4; Gonset	75, 40, 20, 15, 10, 6, 2
R. I.	K1HMO	22,650	Ranger	HQ100	75, 20, 15, 10
Vermont	K1MVV	240	DX100	SX110	75, 15
Alaska	W9KLD/KL7	976	431B1	51J4	10
Idaho	W7MKI	53,664	Ranger	75A1	75, 40, 20, 15, 10
Montana	W7JHL	66,336	DX100	RME435OA	75, 40, 20, 15, 10
Oregon	W7UGQ	60,117	Viking I	75A2	75, 40, 20, 15, 10
Washington	W7BSW	156,366	Valiant	75A4	75, 40, 20, 15, 10
Hawaii	W5BJZ/KH6	85,374	DX100	R390A	40, 20, 15, 10
Nevada	W7KOI	7,942	Globe Champion 350	HQ170C	75, 20, 15
Santa Clara V.	K6VGW	94,269	Apache	HQ140XA	75, 40, 20, 15, 10, 2
East Bay	W6VNH	85,800	Apache	Mohawk	40, 20, 15, 10
San Francisco	K6EIE	32,208	32V1	75A4	40, 20, 15, 10
Sacramento V.	W6SFH	4,719	Navigator	SX100	75, 40, 20, 15, 10
San Joaquin V.	K60OW	69,225	Viking II	HQ145C	40, 15, 10
No. Carolina	K4FWF	77,004	811A	HQ145	75, 40, 20, 15
So. Carolina	W0YFT/4	3,525	32V3	75S1; 51J3	75, 40, 20, 15
Virginia	W4BVV	70,823	Apache	Mohawk	75, 40, 20, 15, 10
West Virginia	W8UYR	2,700	ART13	HR050	75, 40, 20
Colorado	K90ER	67,770	Ranger	SX100	40, 20, 10
Utah	K7BHE	56,273	Ranger	NC183D	40, 20, 15, 10
New Mexico	K8DIO/5	95,067	DX100	SX100	40, 20, 15, 10
Wyoming	K7IAY	48,198	Valiant	SX101	75, 40, 20, 15, 10
Alabama	W4CWO	40,281	Valiant	75A3	40, 20, 15, 10
E. Florida	K4YXC	86,678	6146s	75A4	40, 20, 15, 10, 2
W. Florida	W4CMG	54,234	Globe Champion 300; Gonset	S85; QF1; Gonset	75, 40, 20, 15, 10, 2
Georgia	K4POL	28,392	Apache	SX99	75, 40, 20, 15
West Indies	KP4YT	8,694	Valiant	HR060	15
Canal Zone	K2SSW	26,832	KWM2	KWM2	15, 10
Los Angeles	K6EVK	227,220	GSB100; Viking II	75A4	40, 20, 15, 10
Arizona	W7WUC	60,885	DX100	NC183	75, 40, 20, 15, 10
San Diego	W6VAK	58,926	Valiant	NC300	40, 20, 15, 10
Santa Barbara	WA61KO	19,325	Apache	75A2	20, 15, 10
No. Texas	K5IID	115,776	Valiant	SX96	75, 40, 20, 15, 10
Oklahoma	W5IWL	84,320	5763-5763-5763-6146-813	NC300	75, 40, 20, 15, 10
So. Texas	K5JCC	72,638	Globe Scout	75A4	75, 40, 20, 15, 10
Maritime	VO1DZ	1,283	Apache	Mohawk	10
Ontario	VE3PV	13,500	Ranger	NC240D	75, 40, 20, 15
Manitoba	VE4SD	28,944	Viking II	HQ120; RME HF10-20	75, 20, 15, 10
Saskatchewan	VE5ZM	22,613	TBS50D	SC77A	20, 15, 10
Alberta	VE6AAV	12,180	Ranger	HQ110	10
B. C.	VE7CE	26,514	Valiant	NC300	20, 15, 10



C. W. WINNERS, 27TH A.R.R.L. SWEEPSTAKES

Section	Call	Score	Transmitting Equipment	Receiving Equipment	Bands Used
E. Penna.	W3BES	226,483	Ranger-813.....	NC303	80, 40, 20, 15
Md.-Del.-D. C.	W3EIS	206,681	Ranger-813.....	51J	80, 40, 20, 15, 10
S. N. J.	W2HDW	154,263	Valiant; DX100.....	HQ140X	80, 40, 20, 15
W. N. Y.	K2SSX	137,113	Ranger-811As.....	SX101; Comanche	80, 40, 20, 15
W. Penna.	W3UGV	53,120	Viking II.....	HQ140X	80, 40, 20, 15, 10
Illinois	W9NPC	151,375	Viking II.....	Super Pro, DB23	80, 40, 20, 15
Indiana	W9IOP	259,424	Invader.....	RME6900	80, 40, 20, 15
Wisconsin	W9RQM	164,010	VFO-807-813.....	HRO50T	80, 40, 20, 15, 10
No. Dakota	K0MPH	83,920	Apache.....	Mohawk	80, 40, 20, 15, 10
So. Dakota	W0SMV	107,448	Ranger-Courier.....	HRO50T	80, 40, 20, 15
Minnesota	W9YCR	145,818	6AC7-6C4-6C4-6C4-807s.....	SP400X	80, 40, 20, 15
Arkansas	K5WTB	101,430	Apache.....	NC300	40, 20, 15, 10
Louisiana	K5ESW	179,945	Apache.....	Mohawk	80, 40, 20, 15, 10
Mississippi	K5QNF	203,448	20A-813.....	75S1	80, 40, 20, 15
Tennessee	K4PUZ	156,485	Apache.....	SX101	80, 40, 20, 15, 10
Kentucky	W4CVI	152,753	32V2.....	75A4	80, 40, 20, 15
Michigan	K8QJH	119,538	32S1.....	75S1, DB23	80, 40, 20, 15
Ohio	W8OYI	183,143	Viking I; DX100.....	75A4	80, 40, 20, 15, 10
E. N. Y.	K2UPD	177,500	Valiant.....	75A3; SX101	80, 40, 20, 15
N. Y. C.-L. I.	K2DGT	201,995	4-65A.....	HRO	80, 40, 20
N. N. J.	W2DMJ	172,530	Subraco-75T; Collins VFO.....	NC303	80, 40, 20, 15, 10
Iowa	K6SX/A	172,280	Invader.....	HQ129	40, 20, 15
Kansas	W0DEP	115,665	Ranger-811A.....	HRO50T	80, 40, 20, 15
Missouri	W0FLN	119,093	32V3.....	75A4	80, 40, 20, 15, 10
Nebraska	W0NYU	125,038	Valiant.....	HQ170	80, 40, 20, 15, 10
Connecticut	K1HTV	99,579	Viking II.....	HQ170	80, 40, 20
Maine	W1SWX	50,250	1626-1625s.....	SX101A	80, 40, 20, 15, 10
E. Mass.	K1DIR*	108,000	Navigator-813.....	—	80, 40, 20, 15, 10
E. Mass.	W1AQE*	108,000	Viking II.....	Homebuilt (16 tube)	80, 40, 20, 15
W. Mass.	W1EOB	157,534	VFO-2E26-4-400.....	75A4	80, 40, 20, 15, 10
N. H.	W1ET	97,554	KW1.....	SX101A	20, 15
R. I.	K1FE	35,338	Apache.....	Homebuilt (double conv.)	80, 40, 20, 15, 10
Vermont	W1QMM	44,019	6AH6-6CL6-6CL6-807-RK65.....	75A4	40, 20, 15
Alaska	KLTKG	69,125	100V.....	SX28A	80, 40, 20
Idaho	W7ZN	98,825	Ranger-Thunderbolt.....	HQ140X	80, 40, 20, 15
Montana	W7HAH	76,075	AF67.....	HQ170	80, 40, 20, 15, 10
Oregon	W7JHA	113,334	Valiant.....	SX100	40, 20, 15
Washington	K7CHH	141,750	Ranger-4-125A.....	75A4	40, 20, 15, 10
Hawaii	KH6JJ	122,202	HT32-4-250As.....	HQ129X	40, 20, 15, 10
Nevada	W7KEV	204,674	807-4-65A.....	HQ129X	40, 20, 15, 10
Santa Clara V.	W6YX	185,968	KWS1 (modified).....	75A4	80, 40, 20, 15, 10
East Bay	W6GEB	93,500	Apache.....	Homebuilt (20 tube)	80, 40, 20, 15, 10
San Francisco	W6SJL	107,985	VFO-4-65A.....	NC300	80, 40, 20, 15, 10
Sacramento V.	W6AGIS	66,463	Ranger.....	BC1147A	80, 40, 20, 15, 10
San Joaquin V.	W6BVM	88,560	Viking I.....	75A2	80, 40, 20, 15, 10
No. Carolina	W4AHY	119,629	5100B.....	HQ129X	80, 40, 20, 15, 10
So. Carolina	W0YFT/4	139,343	32V3; Ranger.....	75S1; 51J3	80, 40, 20, 15
Virginia	W4KFC	173,813	VFO-807s-4-250As.....	75A2	80, 40, 20, 15, 10
West Virginia	W8FNI	127,663	Apache.....	HQ129X	80, 40, 20, 15
Colorado	W9EWH	212,613	Valiant.....	NC300	80, 40, 20, 15
Utah	W7BAJ	73,030	DX100.....	75A4	80, 40, 20, 15, 10
New Mexico	W5CK	122,404	DX100-813s.....	Mohawk	80, 40, 20, 15, 10
Wyoming	K7CRL	62,372	Globe Champion 350.....	HHQ170	40, 20, 15
Alabama	K4BQU	78,705	T50.....	S53A	80, 40, 20, 15, 10
E. Florida	W4DQS	198,195	Ranger-Thunderbolt.....	75A4	80, 40, 20, 15, 10
W. Florida	W4HQN	154,070	VFO-4E27.....	75A1; HQ120X	80, 40, 20
Georgia	W4YE	154,100	Navigator-4E27.....	NC183D	80, 40, 20, 15
West Indies	KP4AOO	46,618	Ranger.....	HQ110	20, 15
Canal Zone	KZ5TD	66,480	DX100B.....	HQ170	40, 20, 15, 10
Los Angeles	K6CTV	188,066	100V; Apache.....	75A4s	80, 40, 20, 15, 10
Arizona	W7ZMD	126,630	DX100; 32S1.....	75S1; SX100	80, 40, 20, 15
San Diego	W6ZVQ	220,278	5100.....	75A3	80, 40, 20, 15, 10
Santa Barbara	W8YK	99,180	HT37.....	NC303	80, 40, 20, 15, 10
No. Texas	W5MCT	203,175	VFO-813.....	KWM2	80, 40, 20, 15
Oklahoma	W5VJS	115,375	KWM2.....	HQ170	40, 20, 15, 10
So. Texas	W3WZQ	235,608	Valiant.....	SX99	80, 40, 20
Maritime	VE1ADH	21,712	6CL6-5763-6146-811As.....	NC109	80, 40, 20
Quebec	VE2BAE	48,813	Apache.....	HQ170	80, 40, 20, 15
Ontario	VE3UOT	72,072	Pacemaker-Thunderbolt.....	SX101A	40, 20, 10
Manitoba	VE4IM	47,565	GSB100.....	HRO	40, 20
Saskatchewan	VE5DZ	28,379	6AG7-6L6-807-813.....	AR88	40, 20, 15
Alberta	VE6AO	58,581	32V2.....	AR88	80, 40, 20, 15, 10
B. C.	VE7EH	140,669	DX100.....	SP600	20
Yukon-N.W.T.	VE8RW	3,565	AT3.....		

* Tied for section award.



year improvements were made in nearly everything — new receiver, more power, greater frequency flexibility, roomier operating position, more comfortable chair and sponge rubber seat cushions for earphones." — *WØKCG*. . . . "Glad to get all 73 though R. I. was almost the spoiler." — *WØGKF*. . . . "My first serious SS and loved every minute of it." — *WØLRU*. . . . "Previous to this phone SS I had engaged tree trimmers to come and free my 80 and 20 meter antennas from the trees which surround them. What happened? Sunday morning of the 2nd weekend with the phone bands the best ever heard, they started their chain saws and were right up in the trees. Ever tried to copy phone through chain-saw ignition right up next to your beam?" — *W1DIS*. . . . "The widespread use of GMT eliminated much confusion." — *K8GJD*. . . . "Poor conditions, low power and low antennas equal no W1/K1 QSOs." — *KH6DVG*. . . .

"I netted 250 hard earned contacts that disastrous first weekend, an even hundred with E. Pa. stations." — *WØGYP*. . . . "While I worked K8VLU for an SS phone contact, I was QRMD by K8LUV who was carrying on a QSO. It took a minute or two to verify which one was in the SS!" — *W5FHL*. . . . "Kind of disappointing not to find more activity in the 40-meter Novice band." — *KNØYVZ*. . . . "Poor conditions the first weekend, the second weekend my daughter got married." — *W9LNQ*. . . . "All sections worked twice except Wyo. and C. Z. Worked all sections in the first 15 hours and 43 minutes. Sick the first weekend." — *W4KFC* (prime example of inherent superb timing, that first weekend was the time to be sick — *Ed.*). . . . "Gave up on Vermont for phone. Quite a while later I called CQ SS and sure enough, I was answered by Vt.'s K1KSS." — *W7BSW*. . . . "If it hadn't been for 14 Mc.s.s.b. the first

CLUB SCORES

Club	Score	Entries	Valtd	C. W. Winner	Phone Winner
Frankford Radio Club	4,778,645	58	W3BES	.....
Potomac Valley Radio Club	4,743,024	57	W3EIS	.....
South Jersey Radio Assn.	1,089,287	76	W2PAU	W2LBX	
Ohio Valley Amateur Radio Assn.	913,963	11	W8EV	.....
Connecticut Wireless Assn.	697,632	12	W1EOB	.....
Westpark Radiops (Ohio)	669,795	19	W8ETU	W8AJW	
Sioux City Amateur Radio Assn. (Iowa)	666,617	29	WØCXN	KØMMS	
Lake Success Radio Club (N. Y.)	643,472	37	KØJUN	W2YHP	
Hannafers Radio Club (Ill.)	604,615	25	W9ZYD	W9QXO	
Midwest Valley Amateur Radio Contest Society (Ohio)	597,967	13	W3ZJM	.....
Wisconsin Valley Radio Assn.	512,374	14	W9RQM	W9NUW	1
San Diego DX Club	493,375	3	W6ZYQ	.....
Milwaukee Radio Amateurs' Club	487,906	30	W9DYG	K9MTM	
Tusco Radio Club (Ohio)	421,497	10	W8NBK	K8JSZ	
Richmond Amateur Radio Club (Va.)	415,363	12	W4BZE	.....
Order of Boiled Owls of New Mexico	414,505	4	W5CK	.....
Oak Ridge Radio Operators Club	407,439	4	K4PUZ	.....
Chicago Suburban Radio Assn.	380,511	12	K9KDI	K9KIC	
Niagara Frontier DX Assn.	357,135	5	W2SSC	.....
Radio Club of Tacoma	352,787	14	K7HTV	W7BSW	
Westside Amateur Radio Club (La.)	328,847	7	W5BUK	W5INL	
Bronx High School of Science Radio Club	317,391	12	K2IAD	WA28 ITR	
Denver Radio Club	311,542	11	.....	KSK	
Short Skip Radio Club (Pa.)	309,528	10	W3YLL	K0OER	
Kanawha Radio Club (W. Va.)	307,663	4	W8FNI	K3DVS	
El-Ray Radio Club (Mass.)	307,182	8	W1AQE	W1EJE	
Suffolk County Radio Club (N. Y.)	304,743	15	W2DID	W2WPH	
Cuyahoga Falls Radio Club (Ohio)	292,428	6	K8HGT	.....
Montrose County Amateur Radio Club (Colo.)	245,599	7	W9WME	.....
Roanoke Valley Amateur Radio Club (Va.)	240,408	19	K4IKF	K4EQT	
Amateur Radio Society of C.C.T.	227,44	7	K2IJC	.....
Central Michigan Amateur Radio Club	225,500	12	K9HBU	K8HZN	
North Penn Amateur Radio Club	222,175	12	W3JSA	W3HGGZ	
West Suburban YMCA Amateur Radio Council (Ill.)	217,246	8	K9IND	.....
Niagara Radio Club	215,753	5	W2ANDA	.....
Larkfield Amateur Radio Club (N. Y.)	210,555	4	K2ZYR	.....
Starved Rock Radio Club (Ill.)	207,778	8	W9ARV	K9MQI	
Amateur Transmitters' Assn. of Western Pennsylvania	206,747	5	W3UGV	.....
Garden State Amateur Radio Assn. (N. J.)	206,237	4	W2CQB	.....
Columbus Amateur Radio Assn. (Ohio)	201,088	7	K8MTI	K8LWF	
Central Michigan Amateur Radio Club	183,688	3	W8VPC	.....
Tri-County Radio Assn. (N. J.)	177,920	6	W2LRO	.....
Fork Amateur Radio Club (N. Dak.)	171,508	4	K9QWY	.....
Four Lakes Amateur Radio Club (Wis.)	170,763	6	K9ELT	.....
West Seattle Amateur Radio Club	167,885	9	K7HTZ	.....
St. Louis University Amateur Radio Club (Mo.)	163,743	3	W9FLN	.....
North Shore Amateur Radio Club	162,231	6	K6LLI	.....
Radio Amateurs of Greater Syracuse	157,407	3	K2SSX	.....
Massillon Amateur Radio Club (Ohio)	155,936	3	K8HTM	.....
Easter Pennsylvania Amateurs	140,029	4	.....	.....
Mohawk Amateur Radio Club	139,345	11	W2III	W2MGV	
St. Clair Amateur Radio Club (Ill.)	130,602	7	K9OEB	W9QDM	
Five Towns Radio Club (N. Y.)	129,495	9	W2CWWY	K2TAP	
Waupaca Amateur Radio Club (Wis.)	120,133	5	W9IXX	.....
Atlanta Teenage Amateur Radio Club	116,726	3	K4TKM	.....
Sioux Falls Amateur Radio Club	112,865	4	W8SMV	.....
Detroit Amateur Radio Assn.	113,154	6	W8IJX	.....
Greater New Orleans Amateur Radio Club	113,053	7	K5WTL	W5QPS	
Badger Amateur Radio Society (Wis.)	112,917	4	.....	.....
Oxford Circle Radio Club (Pa.)	101,214	7	K3IPK	.....
MIT Radio Society (Mass.)	95,477	3	.....	.....
Fullerton Radio Club	95,325	3	WA6JLM	.....
Bronx Radio Club	85,062	6	WA2BQK	WA2ITR	
Chicago Radio Traffic Assn.	81,413	3	W9HPG	.....
West Allis Radio Amateur Club (Wis.)	76,476	7	K9JGC	.....
A. B. Davis High School Radio Club (N. Y.)	73,067	4	W2TER	.....
Bayside Amateur Radio Club (N. Y.)	71,033	5	WA2EFN	.....
Watching Valley Radio Club (N. J.)	70,560	6	WA2FVQ	.....
King Philip Amateur Radio Society (Mass.)	65,733	3	.....	.....
Freehold Regional High School Radio Club (N. J.)	59,581	8	WA2EJJ	K2SFQ	
West Philadelphia Radio Assn.	55,891	4	K3JJG	.....
Mid-Missouri Amateur Radio Club	46,145	3	.....	.....
Hellertown Amateur Radio Club (Pa.)	44,247	5	W3IQX	.....
Philadelphia Wireless Assn.	41,234	6	.....	.....
Lexington High School Radio Club (Mass.)	40,513	3	K1MHM	.....
New Ulm Radio Club (Minn.)	38,575	3	K9WNV	.....
Waterbury Amateur Radio Club (Conn.)	38,932	4	W1LLV	.....
South Bay Ham Club	29,470	4	.....	.....
Santa Monica City College Amateur Radio Club (M.O.)	19,701	4	.....	.....
Washington University Amateur Radio Club (M.O.)	16,616	7	W9NZW	WA6ABZ	
Nittany Amateur Radio Club (Pa.)	15,046	3	W3NEM	K9GTG	
Syracuse VHF Club	10,569	4	.....	.....
Albany Park Amateur Radio Club (Ill.)	1,762	4	K9ISP	K2QWD	
Forest City Amateur Radio Club (Ohio)	1,157	3	.....	W8IY	**

¹ K9PQT, opr. ² K2JVB, opr. ³ KØGJD, opr.

weekend my score probably would have been halved." — *K6EVR*. . . . "Vertical on 15 helped me triple previous score and double section total, but still wish the score was as high as my enthusiasm." — *WA6CPM*. . . . "Called Wyo. W7HRN who came back with *Wkd B4* and since my check list was a page behind I believed him. I couldn't find him later and worked all except Wyo. Darn that *W3EIS!*" — *W3EIV*. . . . "Biggest complaint is about the stations that kept calling K7HDF and asking what section CZ was." — *KZ5DF*. . . . "It was a great contest this year and I am proud to have been a participant." — *K5VJT*. . . . "I can see missing KH6 and KL7, but how the heck did I miss N. C.?" — *K4CSY*. . . . "A bit of a busman's holiday for a commercial ships operator, but loads of fun anyway. My first since '55 as I'm generally at sea during the SS." — *W2BXS*. . . . "Pre-printed personal logs, automatic keyer and dipoles slanting westwards on 40 and 80 all seemed to help." — *W2GND*. . . . "Clock stays on GMT from now



VERMONT WAS A PRIZE FOR W4GF.....AND IT WASN'T EASY

on." — *W6QXF*. . . . "Heard a guy send Vt. after his call. Found he wasn't in the contest but persuaded him to give me a number and his time and left him there clutching my number and the rest. Ten minutes later I heard him sending *CQ No SS*, my only Vt. QSO." — *W4GF*. . . . "A very pleasant surprise to hear so many WA and K stations pounding brass. 46% of my QSOs were with these boys and their c.w. was excellent. Here is one old timer that was wrong. My hat is off to these boys and my hearty congratulations." — *W8NKB*. . . . "First time on phone and amazed at the results. Predict.s.s.b. will eventually beat c.w." — *K4LPW*. . . . "Except for the blackout, mismatched coax, smoking rotor box, lack of grid drive on 20, sparkling rectifiers, blown fuses, lost pencils, drowsiness and the virus it wasn't bad. Highlights? When I worked 3 KH6s in 4 QSOs and when I finally got to bed Monday morning." — *K1KRP*. . . . "Conditions being what they were I'm glad that the SS does go two weekends 'cause very few thrills in 28 years of hammering will match the one I got when I finally landed all 73 in an SS." — *K8QJH*. . . . "Still kicking myself for missing the C. Z. the first weekend." — *VE3BFA*, opr. *VE3UOT*. . . . "This was my first SS after a five year layoff and my best score to date. The general level of operating skill has risen considerably. I believe this to be a major factor in the increase of scores from year to year." — *WØNCS*. . . . "First weekend oldest son confirmed, second weekend youngest daughter born." — *K8DXZ*. . . . "What about a Q-signal for worked before?" — *K3DPQ*. . . . "I foiled Murphy's law by testing the rig two hours before the contest began. Yep, burned out the r.f. choke!" — *K9RHN*. . . . "The 2nd weekend a gale force wind-storm twisted my beam rotator mount 120 degrees from true. I had to climb the 67 ft. cedar tree during the contest and make repairs." — *VE7EH*. . . . "A tape keyer was used as a CQ wheel and worked fine. At times two receivers were used with split phones, using one to spot a CQ while finishing up with another." — *K2SSX*. . . . "If a man strive for the mastery, yet is he not crowned, except he strive lawfully." — II Timothy 2:5 — *W3EAN*. . . . "Finally worked W7KEV for Nevada, my 50th." — *K3JLL*. . . . "I hope next year everyone will use GMT and also will put my number on the QSLs they send me." — *KØMPH*. . . . "Thanks to the guys who took time to give an honest report. I was warned of a bad oscillator and able to get rid of a rough note. OO W3EIS took time to look me over." — *W5NTM*.

Disqualifications

In accordance with SS Rule #7, entries from the following amateurs have been disqualified: W9WNV, WØVXO.

C. W. SCORES

Twenty-Seventh 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 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: W3BES 226,483-1241-73-A-40, or final score 226,483, number of stations 1241, number of sections 73, power factor of 1.25, total operating time 40 hours. . . . An asterisk denotes Novice certificate winners. Multi-operator stations are grouped in order of score following single-operator station listings in each section tabulation.

ATLANTIC DIVISION

Eastern Pennsylvania

W3BES	226,483-1241-73-A-40	W3QKV	36,543-311-47-A-22
W3JNQ	198,104-1087-73-A-38	W3PUP	33,150-340-39-A-26
W3ALB	183,413-1005-73-A-40	K3HTZ	32,385-254-51-A-30
W3GHM	165,801-913-73-A-37	W3JXS	31,320-232-54-A-12
W3MWC	159,715-942-68-A-37	K3JCT	30,380-248-49-A-30
W3MFW	149,760-832-72-A-35	K3GIQ	27,976-269-52-B-30
W3HJK	146,456-804-73-A-33	K3JLI	26,125-210-60-A-30
W3DQG	144,000-800-72-A-40	K3GNL	25,327-299-43-B-20
W3KCFQ	140,343-770-73-A-35	W3DVH	19,890-156-51-A-15
W3KQMSI	129,028-701-73-A-34	W3ACM	18,840-201-47-B-22
W3KQK	129,028-701-73-A-34	W3WVK	17,300-200-35-A-17
W3HHA	124,765-686-71-A-30	W3DYL	16,250-197-61-A-16
W3GYP	118,080-662-72-A-39	W3BUR	16,552-175-48-B-9
W3JSA	115,523-633-73-A-40	K3JIV	14,880-186-32-A-23
W3EAN	106,838-660-66-A-29	W3POX	14,273-173-33-A-18
W3GOQ	95,083-521-73-A-40	W3DFJ	12,705-121-42-A-24
W3QMZ	90,880-512-71-A-36	K3BPQ	12,206-140-35-A-13
W3BQA	90,180-501-72-A-29	K3GJQ	11,550-154-30-A-23
W3KDPQ	88,200-490-72-A-36	K3IXG	11,348-134-34-A-14
W3OCU	87,685-621-71-B-30	K3MVY	11,340-158-36-B-17
W3DAO	81,738-603-65-A-40	K3LJZ	10,838-115-29-A-15
W3EER	81,125-550-59-A-39	K3JNP	10,320-129-32-A-18
W3KDF	80,240-544-59-A-30	K3DKF*	10,250-104-40-A-32
W3NOH	80,160-501-64-A-19	K3DUX	9,788-131-30-A-23
W3ADZ	79,875-450-71-A-27	K3HYT	8,555-118-29-A-26
W3IWE	76,129-455-67-A-37	W3GRS	8,320-104-32-A-5
W3GSD	72,250-425-68-A-36	W3JKX	8,145-181-18-A-18
W3YLL	69,825-466-60-A-40	K3JGI	7,245-126-23-A-14
W3ARK	66,866-600-67-B-23	W3KFK	7,000-112-25-A-13
W3EQA	62,634-433-73-B-21	W3DBF	6,200-80-31-A-13
K3JGJ	62,505-463-54-A-40	W3TXK	5,156-83-25-A-12
K3JTG	61,534-405-61-A-31	K3JJL	5,100-120-17-A-7
W3DBX	61,380-409-62-A-25	K3JSZ	4,940-77-26-A-2
W3DVB	61,028-409-62-A-24	K3HFZ	4,910-75-26-A-2
W3EVF	58,821-415-57-A- -	K3JHF	4,654-114-17-A-20
W3ADE	57,865-328-71-A- -	K3ALL	4,500-90-25-B-7
K3IIA	56,020-431-52-A-29	W3LXN	3,900-60-26-A-4
K3CTS	50,730-356-57-A-31	K3ITH	3,400-80-17-A-7
W3EML	49,613-408-49-A-27	W3QKU	2,741-66-17-A-8
W3DVC	48,011-326-59-A-23	W3ZON	1,980-44-18-A-7
W3IMN	46,669-337-57-A-36	W3NF	1,426-31-23-B-2
W3SOH	45,750-300-61-A-1	W3IMV	1,133-25-21-A-4
K3ANU	43,875-325-54-A-16	K3AGU	1,152-36-16-B-6
K3JJG	43,519-320-55-A-34	K3KUA	1,015-31-14-A-15
K3ATL	41,820-350-48-A-24	W3CBH	991-31-13-A-6
K3IPK	40,078-351-46-A-24	K3EXV	975-26-15-A-3
W3CTJ	39,930-242-66-A-10	KN3LWO	450-18-10-A-15
W3EFY	37,264-263-57-A-19	W3UIU	260-13-8-A-4
K3DLX	37,200-250-60-A-30	K3ALV	56-10-5-A-1



E. Pa. is the usual scene for "top" scores—witness the highest Novice sum by the now K3KRF. Joe worked 104 on 40 and 15, currently uses an Apache, HQ110 and 2-element tri-bander.

KN3KVS 3- 1-1-A-3
K3KPV (K3s DFK KPV)
 64,889- 430-61-A-37
W3ABT (4 oprs.)
 33,330- 304-44-A-21
W3YTP (5 oprs.)
 31,836- 376-42-B-30
K3JJV (10 oprs.)
 24,030- 274-45-B-27
W3MGF (K2MGW W2OIB)
 3623- 69-21-A-6
KN3LSC (KN3s LSG LSI)
 254- 16- 7-A-8

Md.-D.J.L.D. C.

Southern New Jersey

W2HDW 154,263- 883-70-A-35
W2SHM 150,165- 846-71-A-33
W2ZBZ 109,500- 601-63-A-38
W2PAU 131,886- 632-66-A-36
W2AUV 98,589- 598-66-A-36
W2EXB 96,259- 558-69-A-38
W2QDY 95,493- 552-69-A-38
K2BZK 92,750- 530-70-A-39
K2ERC 92,712- 555-67-A-37
K2FWR 61,215- 371-66-A-35
K2JXX 60,755- 420-58-A-17
WA2CUB 53,833- 353-61-A-17
K2PT 47,369- 346-55-A-31
W2DAJ 45,696- 409-56-H-26
W2EBW 39,382- 340-58-B-34
W2HBE 39,188- 275-57-A-29
W2LN 35,179- 267-53-A-13
W2BU1 34,500- 230-60-A-19
WA2MEQ 30,100- 280-43-A-35
K2MIO 30,238- 203-59-A-18
K2HGM 29,025- 215-54-A-20
W2KHA 26,633- 203-53-A-12
W2P2XN 24,208- 213-46-A-16
WA2IEK³ 18,515- 161-46-A-10
W2P1K 14,400- 126-40-A-13
W2KRN 10,232- 105-39-A-7
W2DRL 10,926- 560-73-A-23
K2BNS 10,080- 127-32-A-14
W3GAU 86,870- 477-73-A-18
W3WJ 86,400- 549-64-A-40
K3EST 85,510- 505-68-A-32
W3AL 76,784- 504-61-A-23
W3ERZ 69,595- 450-62-A-35
K3GJB 68,416- 570-49-A-30
W4ZKU/2 66,000- 400-66-A-6
W3ZQ 65,320- 461-71-B-30
W3KZQ 59,798- 357-67-A-36
W3PZJ 55,945- 334-67-A-20
K3JYZ 52,325- 322-65-A-40
W3DVO 51,013- 371-55-A-29
W3KXF 49,680- 311-64-A-33
W3EFZ 47,275- 393-61-B-24
W3HVM 46,810- 303-62-A-20
K3KHK 43,725- 330-53-A-23
W3BKE 40,600- 353-58-B-25
K3JET 37,193- 281-54-A-22
K3KAA 36,530- 250-51-B-5
W3HWE 33,900- 240-55-A-16
K3APM 19,380- 163-48-A-19
W3PZA² 19,000- 204-38-A-18
W3UE 18,040- 176-41-A-20
W3KHU 14,568- 122-49-A-10
W3WU 13,300- 130-44-A-12
K3CYX 12,648- 124-51-H-19
K3KPZ 8225- 94-35-A-8
W3PRC 7648- 81-38-A-14
K3COO 5320- 67-32-A-7
K3LFO 519- 93-23-A-10
KN3KKA* 3965- 61-26-A-30
VE3DYK/W3



The highest W2 code-enumeration originated at this handsome console. Using a 4-65A and antennas galore (remember last year?), Bob made the 200,000 mark—this is the N.L.I. home of K2DGT.

WA2KKP 2840- 72-16-A-18
K2YMM 2050- 42-20-A-14
K2HWI 1260- 40-14-A-5
W2SJR 618- 19-13-A-5
K2GWN 2- 1-1-B-1
W2TOP (W2TOP, WA2CUZ)
 18,448- 160-47-A-22

Western Pennsylvania

W3UGV 53,120- 333-64-A-23
W3GJY 52,675- 301-70-A-23
W3YDK 51,675- 320-65-A-21
W3NCF 48,180- 330-73-B-27
K2BWR 36,685- 253-58-A-3
W3LMM 35,952- 321-56-B-13
W3RFX 17,596- 166-53-B-3
W3TF1/3 13,395- 141-38-A-10
W3NUG 13,325- 130-41-A-12
W3NEM 12,488- 185-27-A-17
K3IGP 10,290- 99-42-A-23
W3IDO 5760- 90-32-B-18
W3OEO 5475- 74-30-A-9
W3EFW 3920- 56-28-A-12
K3KMO 1568- 33-19-A-2
W3MLN 990- 22-18-A-4
K3HUO (4 oprs.) 59 590- 413-59-A-40

W9WBY (K2M WK, WA2BEX)
 127,945- 720-72-A-14
K9CJU (9 oprs.) 56,575- 367-62-A-29
K9RKU (K9s RKB TFB, W9-TAX)
 21,450- 165-52-B-23
K9SGD (K9s GD, KN9s VCT)
 ZJW) 18,743- 153-49-A-29
W9OKV (9 oprs.) 11,506- 136-35-A- -
K9TXK (K9s SLK TXK)
 5293- 74-29-A-12

Indiana

W9IOP 259,424- 1424-73-A-38
K9RFW 102,565- 562-73-A-34
K9UHH 91,874- 549-67-A- -
W9IVZ 76 160- 448-68-A-32
K9OET 72,000- 450-64-A-29
K9TZH 50,781- 317-65-A-33
W9UWA 50,063- 323-62-A-33
K9ICG 47,408- 302-63-A-25
W9CNG 33,333- 199-67-A-24
K9UKM 32,083- 234-56-A-29
K9RMQ 28,433- 223-51-A-31
K9BGM 27,673- 206-58-A-17
K9ELE 15,700- 143-43-A-12
K9MAN 8,678- 95-26-B-7
W9DP 4900- 70-28-A-15
K9GCE 4661- 61-33-A-12
K9MNJ 135- 9-6-A- 1

CENTRAL DIVISION

Illinois

W9NCP 151,375- 865-70-A-36
K9KD1 146,548- 803-73-A-40
W9ZAF 133,408- 731-73-A-30
K9JZB 133,408- 761-70-A-36
W9ZYR 127,750- 707-73-A-26
K9SPQ 97,728- 631-62-A-34
K9OTB 90,976- 503-73-A-29
K9PUQ 90,000- 563-64-A-33
K9IND 83,425- 470-71-A-31
K9OVI 83,070- 468-71-A-35
W9PNE 105,696- 737-72-B-33
W9FVT 105,000- 600-70-A-28
W9AMU 104,940- 548-72-A-32
W9LVR 97,728- 631-62-A-34
K9JXW 62,601- 417-61-A-27
K9DAF 54,960- 348-64-A-30
K9ECX 54,103- 323-67-A-19
W9YZG 47,880- 309-63-A-18
W9ARV 81,090- 512-72-A-31
W9LNQ 73,485- 414-71-A-24
K9DWG 69,530- 410-68-A-33
W9HPG 52,140- 316-66-A-33
K9RHN 50,960- 365-56-A-31
K9EHB 36,720- 216-68-A-28
K9KGC 33,674- 238-63-A-36
W9JUV 33,590- 330-54-A-17
W9TUU 32,450- 220-59-A-26
W9JWJ 33,345- 258-52-A- 9
K9MFM 30,450- 220-59-A-26
W9PEN 31,070- 276-46-A-31
K9GSR 30,810- 249-54-A-24
K9PBM 29,430- 234-54-A-24
W9MDG 26,460- 210-63-B-22
K9KB1 25,990- 230-46-A-20
K9WII 20,800- 161-52-A-19
W9GRF 20,623- 113-73-A-11
K9VWD 15,925- 182-35-A-30
K9GRQ/9 15,393- 131-47-A- 7
K9EQQ 31,710- 227-55-A-29
K9HFR 29,435- 203-58-A-25
W9CBE 29,375- 250-4-A-18
W9MBF 27,812- 205-68-A-24
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K9EQQ 31,710- 227-55-A-29
K9FBR 29,435- 203-58-A-25
W9CBE 29,375- 250-4-A-18
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W9MDG 26,460- 210-63-B-22
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W9CBE 29,375- 250-4-A-18
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W9VWD 15,925- 182-35-A-30
K9GRQ/9 15,393- 131

K9IVQ	62.155-	403-62-A-26	K8NHC	87.615-	531-66-A-34	W8NMR	40.160-	251-64-A-18	KN8VCR	94-	19-3-A-11	
K9OSY	42.848-	300-58-A-28	K8LIZ	81.656-	504-65-A-31	K8PMG	33.460-	240-56-A-23	K8PDF	24,440-	191-52-A-32	
K9OSW	39.900-	282-57-A-28	K8GKX	73.281-	438-67-A-37	K8DJD	33.235-	289-46-A-34	K8NLT	(K8s JGU JYO NLT)	11,096-	139-33-A-13
K9UXS	21.900-	31-54-A-18	W8UMX	70.990-	458-62-A-28	W8LUZ	32.130-	204-63-A-19	W8YKO	(K8DGH, W8YKO)	1520-	119-A-6
K9RHE	15.900-	134-18-A-19	W8MPD	60.366-	371-55-A-24	W8VZC	31.778-	225-57-A-23				
K9RSA	87.40-	98-38-A-13	W8PVI	54.291-	351-48-A-30	W8PLG	30.683-	206-59-A-30				
W9VST (K9NAIV, W9VST)	37.125-	283-55-A-33	K8QEX	53.433-	324-64-A-29	W8ENH	28.555-	180-64-A-19				
K9NALT	13-	3-2-A-1	K8GJG	49.520-	214-64-A-23	W8ENH	28.800-	180-64-A-19				

South Dakota

W9SMV	107.448-	816-66-B-36	K8PCU	44.683-	293-61-A-28	W8STR	22.445-	252-44-A-17
K9TDW	57.74-	80-31-A-11	W8CX5	44.080-	304-58-A-31	K8RFU	27.430-	211-55-A-24
W9RRN	630-	21-15-B-2	K8OCO	40.321-	333-61-B-24	K8VDF	25.970-	196-53-A-18
K9NALT	13-	3-2-A-1	K8DVL	37.125-	275-54-A-18	K8BXT	23.940-	179-56-A-21

Minnesota

W9YTC	145.818-	800-73-A-30	W8KTR	20.040-	168-48-A-25	K8WKM	20.235-	142-57-A-9
W9JPH	132.669-	821-65-A-40	W8FX	19.148-	207-37-A-19	W8APC	20.224-	159-64-B-12
K9RHO	116.440-	666-71-A-26	K8SEPZ	19.100-	201-40-A-11	W8MOH	18.225-	162-45-A-27
K9LIL	56.700-	381-60-A-24				W8EXI	16.913-	165-41-A-15
K9NSG	53.625-	330-65-A-18						
K9OGH	35.230-	273-52-A-28						
K9AOA	34.088-	256-54-A-26						
K9OKU	33.188-	225-59-A-40						
K9WNV	29.470-	212-56-A-27						
W9DAK	21.866-	172-51-A-12						
W9RYM	10.353-	103-41-A-9						
W9YAC	9100-	94-40-A-18						
K9VTG	3493-	66-22-A-8						
K9DKZ	1170-	26-18-A-13						
KN9BPO	1056-	33-13-A-3						
W9KUI	978-	23-17-A-9						
W9MDA	5-	2-1-A-1						
K9DHH (K9s DHH RCF)	119.428-	714-67-A-35						
K9EVS (K9s EVS OTH)	45.990-	333-56-A-23						

DELTA DIVISION

Arkansas

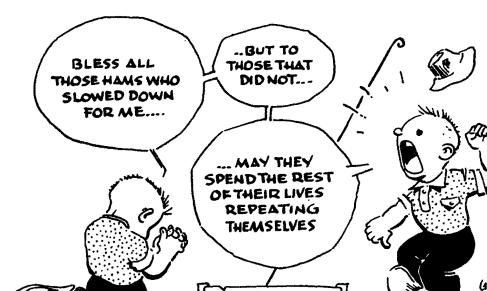
K5WTB	101.430-	600-69-A-30	K8QLL	18.550-	140-53-A-20	K8RYU	14.981-	129-47-A-28
W5CAN	73.209-	556-69-B-40	K8ERO	17.910-	199-45-B-36	W8FIB	14.965-	146-41-A-16
K5ALU	62.989-	400-65-A-36	W8TRN	12.825-	114-45-A-12	W8TJT	14.570-	124-47-A-10
W5RIT	22.230-	172-52-A-17	K8HLR	12.334-	152-33-A-14	W8RJH	13.018-	127-41-A-24
K5ALQ	16.445-	178-44-A-33	K8KPU	12.188-	125-39-A-13	W8ELB	12.000-	120-40-A-16
K5VON	16.445-	152-44-A-19	W8SSPQ	9750-	100-39-A-16	K8PYD	11.081-	100-45-A-10
	750-	21-15-A-10	K8RDK	6375-	102-25-A-10	W8JOB	10.800-	108-38-A-12
		K8LZF	6313-	101-25-A-10	W8UPJ	10.609-	104-41-A-11	
		W8SHAN	4340-	70-31-B-	W8MEI	9213-	98-47-A-	
		W8SEGJ	4125-	55-30-A-3	K8PTB	8040-	102-32-A-17	
		K8MJJZ	3500-	50-28-A-4	W8KCM	8025-	107-30-A-16	
		K8MHW	3150-	60-29-A-5	W8JWH	7117-	80-30-A-7	
		W8DQZ	2726-	22-29-A-16	W8DAE	718-	16-30-A-1	
		K8DWT	2345-	21-29-A-17	W8GCKM	7028-	20-27-A-8	
		K8TJC	2126-	4-21-A-7	W8NPJ	6394-	78-33-A-13	
		K8KGV	2015-	63-13-A-10	W8OKT	6365-	69-38-A-	
		K8NSTLL*	1530-	48-17-A-15	W8JIN	6120-	102-30-B-2	
		K8QKT	1065-	36-12-A-11	W8IBX	6000-	100-24-A-3	
		K8CVV	1100-	28-16-A-7	K8MGT	5920-	74-32-A-11	
		K8NSRQO	975-	31-13-A-8	K8VSB	5440-	72-32-A-8	
		K8UFT	690-	23-12-A-2	W8DMV	4930-	68-29-A-13	
		K8NTAH	326-	16-9-A-13	K8QOQ	4633-	57-34-A-10	
		K8NSTOB	281-	16-9-A-3	K8PVK	4070-	74-22-A-12	
		W8IVK	200-	10-8-A-1	W8BUM	4000-	50-40-B-6	
		K8AVB	80-	8-4-A-10	W8ZLH	3843-	53-29-A-7	
		W8GDW (W8s GDW JUV)	15.132-	194-39-B-11	K8DXZ	3806-	73-21-A-8	
					W8VDF	3750-	51-30-A-13	
					K8RMK	3734-	53-29-A-5	
					K8UNP*	3159-	67-19-A-38	
					K8HWZ	1573-	41-17-A-8	
					K8BFZ	1470-	42-14-A-12	
					K8NTEI	1424-	36-17-A-8	
					K8KMY	1141-	38-12-A-8	
					K8JSW	105-	18-1-A-7	
					K8SGZ	349-	10-9-A-5	
					K8HBN	225-	12-7-A-3	
					K8NTV	201-	13-7-A-11	

Mississippi

K5QNF	203.488-	1117-73-A-36	W8OYL	183.143-	1005-73-A-37	K8PVK	1470-	17-24-A-19
K5IIN	146.016-	1014-12-B-38	W8SSM	162.750-	930-70-A-40	K8NTEI	1424-	36-17-A-8
W8RMF/5	25.080-	209-60-B-23	W8EV	160.200-	889-72-A-38	K8KMY	1141-	38-12-A-8
W5CLS	21.263-	207-42-A-18	K8QHW	155.034-	850-73-A-38	K8JSW	105-	18-1-A-7
K5CFP	9435-	111-34-A-21	W8NBK	133.000-	760-70-A-36	K8SGZ	349-	10-9-A-5
W5HFM	5974-	89-27-A-10	W8ETU	128.700-	715-72-A-37	K8HBN	225-	12-7-A-3
		K8HGT	122.500-	700-70-A-33	K8NTV	201-	13-7-A-11	
		W8SZJ	114.793-	635-73-A-30				
		W8RSW	154.425-	872-71-A-37				
		K8MTI	114.480-	636-72-A-31				
		W8YPT	101.880-	567-72-A-34				
		K8HFJ	95.445-	606-63-A-40				
		K8IPS	84.405-	500-68-A-38				
		W8CJN	81.428-	517-63-A-40				
		K8SMA	81.040-	512-64-A-36				
		K8PNU	79.888-	460-70-A-38				
		W8GPB	79.188-	454-70-A-39				
		W8CEA	79.060-	472-67-A-33				
		W8TCP	77.580-	432-67-A-22				
		K8KNT	75.190-	417-63-A-35				
		K8AZQ	72.755-	460-63-25				
		W8VQI	68.765-	406-58-A-31				
		W8KPL	66.056-	408-55-A-33				
		W8GAC	64.400-	463-56-A-36				
		W8FGX	63.840-	533-60-B-15				
		W8KFP	63.483-	381-67-A-36				
		K8HTM	60.468-	405-57-A-40				
		W8IDM	58.541-	350-67-A-38				
		K8CFH	57.505-	371-62-A-22				
		K8DXU	56.788-	402-59-A-39				
		K8SBU	53.550-	340-63-A-36				
		W8SUEx	53.250-	300-71-A-26				

Michigan

K8QJH	119.538-	662-73-A-38	W8SBQ	52.998-	367-58-A-33	K8IPR	91.725-	616-60-A-33
K8IPR	91.725-	616-60-A-33	K8EKGJ	52.718-	394-54-A-23	W8VPC	91.288-	545-67-A-34
W8VPC	90.300-	630-70-B-30	K8EEN	49.831-	301-67-A-23	W8DUS	90.300-	634-62-A-15
W8FAW	88.825-	524-68-A-27	K8EGY	48.500-	300-62-A-23	W8PXA	88.275-	535-66-A-31
W4OMW (4ws OMW YFA)	86.250-	600-69-A-30	K8NEB	48.750-	300-57-A-24			



N. Y. C. L. I.

K2DGT	201.995-	1138-71-A-40	K2ABQ	66.360-	489-56-A-37
W2AYJ	176.600-	968-73-A-37	K2CIO	2/ 15.000-	655-71-A-40
K3CIO	15.000-	655-71-A-40	K2ZYB	11.780-	62-72-A-36
K2IAD	108.250-	817-45-A-20	K2UQT	61.225-	428-65-A-22
K2CWD	107.910-	812-45-A-20	K2EFN	61.685-	320-51-A-30
K2BWS	106.600-	813-45-A-20	W2NCG	56.100-	408-55-A-34
W2GKZ	44.625-	298-60-A-23	K2GMH	54.900-	360-61-A-31
W2FCQ	40.354-	320-51-A-30	K2KSD	48.525-	329-60-A-35
W2KQY	38.636-	374-52-B-24	K2ECN	38.123-	299-51-A-40
K2UZ	38.090-	293-51-A-25	K2CVM	31.800-	240-53-A-19
K2QJZ	30.635-	295-63-B-19	K2DUS	23.563-	145-65-A-20
K2JQK	36.300-	304-48-A-16	K2CTK	21.000-	200-42-A-23
K2JOK	36.045-	377-53-A-25	W2II	20.663-	146-57-A-25
K2VUL	20.000-	200-40-A-21	W2UAL	19.000-	188-44-A-25
W2ABW	25.000-	250-40-A-25	K2AFMS	18.544-	173-43-A-25
W2CWFY	27.143-	260-43-A-32	K2IVE	17.281-	221-51-A-29
K2AZ	13.125-	177-30-A-25	K2TPZ	13.025-	177-30-A-25
K2AZ	13.125-	177-30-A-25	W2AECN	11.050-	170-26-A-15
W2DUS	12.700-	160-26-A-11	W2UNS	10.800-	160-26-A-11
K2YOR	8.700-				

K2BH	6825-78-35-A-8	K9QWM	18,389-157-47-A-28	W1PLJ	33,278-230-58-A-34	W7IEU	32,256-252-64-H-38
W2BOT	5250-75-28-A-13	K0VEJ	56,119-30-3-A-5	K1IMM	18,813-215-35-A-18	W7YFO	25,630-234-55-B-21
WA2CXO	5075-70-29-A-14	W9IO	4088-37-3-A-5	K1KEM	17,220-164-42-A-15	K7EHV	22,515-163-57-A-26
WA2KSJ	4923-90-22-A-14	K9NBMH*	2128-37-23-A-13	K1M0D	11,563-125-37-A-18	K7HPF	21,735-192-46-A-23
WA2BNK	4763-127-15-A-15	W9BGB	1575-35-18-A-3	K1KKX	11,116-116-30-A-14	K7EKY	16,273-146-46-A-23
WA2IMH	775-77-24-A-14	K9NA\$1	1280-32-6-A-8	K1BLY	10,583-120-40-A-17	W7FZB	16,170-154-42-A-18
K2GV	4140-72-23-A-9	K9NAAAR	1181-36-15-A-27	K1BIF	12,040-120-44-B-26	W7GYF	12,303-130-38-A-29
WA2KSK	4085-109-19-A-18	K0YHN	994-28-15-A-11	W1BOD	9522-89-36-B-17	WA2MMMP/7	
W2HBO	3150-53-24-A-13	K0ASW	850-34-10-A-8	W1PH	9420-157-24-A-9		
WA2EFU/2	2950-60-20-A-10	K0VQM	523-19-11-A-10	K1PKS/1	7200-90-32-A-12	W7AEEA	12,240-146-34-A-21
W2IHE	2862-53-27-A-7	KN0YVZ	60-6-4-A-1	K1IUS/1	6360-107-24-A-12	W7MEA	10,534-115-46-B-7
WA2CXA	2750-56-20-A-17			K1MVN	4305-82-21-A-13	W7LBR	10,993-105-27-A-10
K2KHK	2678-63-17-A-6			K1DP/1	3713-55-27-A-18	K7DBDU/7	79,248-79-26-A-20
K2UVV	2651-51-21-A-2			K1TNE	5075-76-28-A-20		
WA2IKN	2441-51-21-A-18			W1CMW	1758-37-19-A-9	K7IUT	4500-60-30-A-10
WA2GMG	1610-51-14-A-5			W1IEF	820-41-8-A-6	K7JCA	3730-73-34-A-10
WA2LAN	800-32-10-A-7	K0BHM	61,076-492-61-A-22	K1QF1	266-19-7-B-3	K7KDK	3870-87-18-A-12
W2WAS	608-27-9-A-3	K0QEC	38,740-300-52-A-2	W1MX (9 oprs.)		K7IAE	62-25-14-A-5
W2KVL	396-18-11-B-2	W0ITO	23,296-215-56-B-23	W3VXP/7	2243-39-23-A-5	W1MX (2 oprs.)	
WA2ZMM	308-21-6-A-6	K0IWK	20,410-157-55-A-35	K1AO	66,496-637-68-B-28	K7KUZ	2180-55-20-B-11
W2E2HLZ	220-13-8-A-6	K0PFV	15,960-155-42-A-33		K7KXG	2114-49-19-A-8	
W2E2GLK	195-13-6-A-6	K0YGR	4905-56-36-A-11		K7GBW	1313-36-15-A-4	
W2VJS	188-15-5-A-6				K7JNS	990-34-12-A-6	
W2VJSR	188-18-5-A-8				W7LCS	900-46-8-A-7	
K2PNP	30-4-3-A-2				W7CWN	875-25-14-A-5	
WA2BEI	4-2-1-B-1				W7PN	440-22-8-A-4	
WA2DDW	4-2-1-B-1				W7WRT	358-13-11-A-1	
W2YHP	3-1-1-A-1				K7LRS	120-13-4-A-4	
W2VQV	2-1-1-B-1				K7IUD	60-8-3-A-4	
WA2HKZ	2-1-1-B-1				K7DTH (K7 DTH JZP)	40,343-245-66-Z-1	
W2HJ (7 oprs.)					W7QBR (W7s QBR ZOI)		
115,515-680-68-A-39					K9MUG	11,960-104-46-A-12	
WA2KCM (WA2s KCH KCM)	11,674-151-33-A-36				W7JHS (W7s AKA JHS)	2822-84-17-B-10	
<i>Northern New Jersey</i>							
W2DMJ	172,530-965-72-A-39	W0KIK	9405-114-33-A-20		KN7MXE (KN7s LXE MXE NJI)		
W2GND	152,720-855-72-A-40	W0WTC	76,000-104-37-B-20			35-7-2-A-3	
W2GGE	151,384-831-73-A-40	W0NZW	100,403-609-66-A-39				
W2QCB	129,600-812-64-A-40	K0UKV	98,624-736-67-B-40				
W2TSL	100,480-629-64-A-35	K0CQA	83,918-501-67-A-40				
W2NKL	97,590-604-65-A-38	W0KQD	56,865-341-68-A-37				
W2GBY	75,520-512-59-A-35	K0UYO	31,320-216-58-A-22				
K2BJA	78,898-411-69-A-33	K0VSH	20,028-194-61-A-19				
W2LRO	63,938-388-66-A-29	W0KQY	17,820-138-54-A-16				
W2TPJ	47,471-360-53-A-18	K0VBU	13,330-125-43-A-26				
W2HDT	47,411-405-47-A-29	VXU	9,000-125-43-A-26				
W2DRV	45,100-328-55-A-16						
W2LHL	43,123-368-47-A-31						
W2KPKH	43,880-289-55-A-35						
W2EHN	38,891-233-46-A-35						
W2OPE	27,024-232-48-B-18						
W2EWZ	23,495-242-39-A-22						
W2NEP	22,736-105-47-A-14						
W2AFVQ	21,263-190-45-A-20						
W2AEDG	20,475-210-39-A-16						
K2SBW	20,275-170-43-A-25						
W2COG	17,710-161-44-A-28						
W2IBZ	16,885-156-44-A-11						
K2MFF	16,698-150-42-A-1						
K2ULB	15,064-155-39-A-23						
WA2OTJ	12,294-110-45-A-9						
WA2JHQ	11,500-185-25-A-17						
WA2EJZ	8610-144-24-A-15						
W2TWC	8573-127-27-A-6						
W2FSL	8050-115-35-B-18						
W2UFW	7469-120-25-A-10						
WA2CWA	5865-102-23-A-17						
W2CVW	5400-101-27-B-17						
WB2BVE	5100-103-20-A-13						
W2ABL	4845-58-34-A-4						
W2WV	4253-63-27-A-5						
WA2IF5	4146-54-31-A-11						
K2BHQ	3655-86-17-A-5						
W2VMX	3580-64-17-A-5						
WB2WEQT	3415-10-14-A-9						
K2P2V	263-66-14-A-2						
W2ZVW	1955-34-23-A-2						
W2VNPI	1725-46-15-A-23						
WA2JUB	1473-31-19-A-5						
K2VZJ	1260-42-12-A-9						
W2KRY	894-30-13-A-7	K1KRY	11,000-138-32-A-22				
WA2AYA	300-12-10-A-1	W1INB	9450-100-40-A-16				
WA2GUB	263-15-7-A-2	W1TUW	8209-100-33-A-24				
W2VOC	166-10-7-A-2	W1ANO	6784-102-27-A-15				
W2VLLU	150-15-6-A-7	W1LAS	4563-73-25-A-8				
W2NIC	20-4-2-A-1	K1ACQ	3515-75-19-A-12				
K2SFQ	11-3-3-A-1	K1MZG	3500-70-20-A-15				
W1DNK/2	4-2-1-A-1	K1MPU	3250-66-20-A-15				
K2GKB	3-1-1-A-1	W1RFW	2800-70-16-A-7				
WA2CCF	2-1-1-H-1	K1ILJ	2380-56-17-A-7				
WA2IDM (W2GX1)	50,400-320-63-A-28	KIHOD	2325-49-20-A-11				
K2EKM (K2EKM, W2MP)	39,598-340-47-A-34	W1YYM	1148-27-17-A-1				
WV2OXT (WV2KRC, K7T)	245-14-7-A-7	K1NOAV	1058-24-18-A-14				
MIDWEST DIVISION	Iowa	K1N1QS	784-31-11-A-24				
K6SXSA/0	172,280-944-73-A-27	W1EFW	500-25-8-A-2				
K0GXR	149,713-864-70-A-1	K1MJC	88-7-5-A-3				
W9NCS	140,981-774-73-A-34						
W9CXM	99,180-551-72-A-34						
W9EQN	90,865-541-68-A-35						
K0UAF	80,800-505-64-A-32						
K0AZJ	75,735-439-66-A-31						
K0KJT	67,113-431-66-A-27						
K0QAT	63,184-384-66-A-27						
K0DSSP	59,398-340-47-A-34						
K2EKM	36,498-340-47-A-34						
WV2OXT	36,400-260-56-A-25						
K0UAA	32,889-236-57-A-33						
K0UAE	32,889-236-57-A-33						
<i>Eastern Massachusetts</i>							
K1DIR*	108,000-600-72-A-37	W1JSM	80,316-453-71-A-28				
W1AQE*	108,000-600-72-A-37	K1CUD	57,420-350-66-A-35				
K1HTV	107,000-551-69-A-33	W1PTR	51,460-332-62-A-26				
W1TQS	107,000-551-69-A-33	W1NJL	44,800-492-56-B-30				
K1JAW	107,000-551-69-A-33	W1JDS	40,365-300-54-A-14				
K1IEY	107,000-551-69-A-33	K1PN1	36,295-238-61-A-29				
W1PLJ	107,000-551-69-A-33						
K1KGF	107,000-551-69-A-33						
W1WBL	107,000-551-69-A-33						
K1KPP	107,000-551-69-A-33						
K1HTZ	105,091-375-59-A-26						
K1TJA	104,600-402-70-1-29						
K1KGP	104,366-357-61-36						
K1KPM	103,390-456-62-A-32						
W1TJS	101,040-386-63-39						
W1ZVY	101,040-375-59-A-26						
K1MF	101,275-330-62-A-35						
K1MFF	101,275-330-62-A-35						
K1TJEY	101,935-276-51-A-37						
W1JJC	101,589-235-59-A-28						
K1GFH	100,358-61-23-A-9						
K1TMLQ	100,630-19-14-A-10						
W1PLN	100,525-300-67-A-18						
K1CHH	101,750-810-70-A-39						
W7AJS	105,311-651-69-A-33						
W7WIB	105,311-651-69-A-33						
K1HTV	107,886-438-66-A-37						
W1KPP	107,886-438-66-A-37						
K1HTZ	105,091-375-59-A-26						
K1TJA	104,600-402-70-1-29						
K1KGP	104,366-357-61-36						
K1KPM	103,390-456-62-A-32						
W1TJS	101,040-386-63-39						
W1ZVY	101,040-375-59-A-26						
K1MF	101,275-330-62-A-35						
K1MFF	101,275-330-62-A-35						
K1TJEY	101,935-276-51-A-37						
W1JJC	101,589-235-59-A-28						
K1GFH	100,358-61-23-A-9						
K1TMLQ	100,630-19-14-A-10						
W1PLN	100,525-300-67-A-18						
K1CHH	101,750-810-70-A-39						
W7AJS	105,311-651-69-A-33						
W7WIB	105,311-651-69-A-33						
K1HTV	107,886-438-66-A-37						
W1KPP	107,886-438-66-A-37						
K1HTZ	105,091-375-59-A-26						
K1TJA	104,600-402-70-1-29						
K1KGP	104,366-357-61-36						
K1KPM	103,390-456-62-A-32						
W1TJS	101,040-386-63-39						
W1ZVY	101,040-375-59-A-26						
K1MF	101,275-330-62-A-35						
K1MFF	101,275-330-62-A-35						
K1TJEY	101,935-276-51-A-37						
W1JJC	101,589-235-59-A-28						
K1GFH	100,358-61-23-A-9						
K1TMLQ	100,630-19-14-A-10						
W1PLN	100,525-300-67-A-18						
K1CHH	101,750-810-70-A-39						
W7AJS	105,311-651-69-A-33						
W7WIB	105,311-651-69-A-33						
K1HTV	107,886-438-66-A-37						
W1KPP	107,886-438-66-A-37						
K1HTZ	105,091-375-59-A-26						
K1TJA	104,600-402-70-1-29						
K1KGP	104,366-357-61-36						
K1KPM	103,390-456-62-A-32						
W1TJS	101,040-386-63-39						
W1ZVY	101,040-375-59-A-26						
K1MF	101,275-330-62-A-35						
K1MFF	101						

* Tied for Section Award.

Sweepstakes

(Continued from page 62)

ROANOKE DIVISION

North Carolina

W4AHY¹⁶ 119,629- 661-73-A-38
W4LYV 99,450- 557-72-A-27
K4YPE 89,283- 504-71-A-33
K4MWB 81,900- 527-63-A-27
W4WE¹⁷ 31,110- 258-61-B-18
K4FUN 24,570- 255-39-A-14
K4FEQ¹⁸ 22,126- 243-46-B- -
K4DWU 12,200- 138-50-B-18
K4KYB 9150- 122-30-A-20
KN4WLX 555- 19-12-A- 8

South Carolina

W0YFT/4 139,343- 847-66-A-40
W4ZRH 118,928- 714-67-A-39
W4BWZ 76,466- 490-63-A-40
K4ZHV 63,900- 430-60-A-32
K4YYL 36,192- 312-58-B-25
K4KIT 7788- 91-35-A- -
K4ITA 6615 104-27-A-12
K4DOF 5720- 90-26-A-10

Virginia

W4KFC 173,813-1194-73-B-34
W4JAT 170,090- 934-73-A-37
W4BZE 133,214- 751-71-A-29
K4GMX 123,950- 740-67-A-33
W4HTV 115,675- 661-70-A-35
W4DVT 115,340- 634-73-A-40
W4GF 113,068- 638-71-A-35
W4ZM 109,020- 632-69-A-36
W4JNE 101,840- 608-67-A-39
W4NH 100,800- 630-64-A-35
W4KXV 99,165- 601-66-A-23
W4SLD 97,920- 578-68-A-35
W4PK 87,100- 520-67-A-31
K4IKF 81,413- 504-65-A-30
K4MXF 77,636- 464-67-A-32
W4RIM 74,594- 546-55-A-37
W4PNK 68,425- 403-68-A-17
W4SNH 60,025- 343-70-A-25
W4Kvh 58,000- 400-58-A-25
W4WBC 57,015- 362-63-A-31
VE2BX/W4 56,856- 415-55-A-34
W4MYA 51,155- 401-52-A-31

(Continued on page 152)

W4TKR	50,325-	331-61-A-12	K4GRD (K4s GRD IIN)
W4IA	44,348-	244-73-A-27	29,563- 240-50-A-21
K4TFL	41,412-	311-68-B-37	W4QAS (K4QDL, W4QAS)
W4JUJ	36,960-	225-66-A-17	5154- 70-31-A- 9
W4FJ	36,640-	230-64-A-23	<i>Western Florida</i>
W4HZZ	34,428-	302-57-B-18	W4HQN 154,070- 879-71-A-36
K4JVE	29,820-	251-60-B-24	W4WKQ 136,290- 834-66-A-39
K4ZHA	26,390-	204-52-A-23	W4MLE 102,270- 732-70-B-38
K4IYK	24,480-	206-48-A-22	K4TZS (K4s BJT TZS)
W4JDX	23,664-	249-48-B-33	9446- 117-33-A-25
W4V рх	18,450-	180-41-A-11	<i>Georgia</i>
W4SLT	13,860-	156-36-A-25	W4YE 154,100- 920-67-A-40
K4IPV	12,000-	150-32-A-32	K4BAI 139,231- 981-71-B-40
W4NLC	6078-	96-26-A-21	W4EAW 132,828- 794-67-A-40
W4NDN	4843-	75-26-A-10	W4MCM 89,930- 529-68-A-25
K4QET	4793-	73-27-A- 7	K4TKM 65,081- 401-65-A-36
W4QAR	3465-	53-33-B-14	K4UJS 39,874- 326-49-A-21
K4ACZ	3334-	64-21-A- 8	W4TKD 32,500- 255-52-A-24
KN4ZRX*	2393-	48-22-A-26	W4HYW 22,852- 197-58-B-14
KN4RNH	2048-	39-21-A-19	W4LVX 21,980- 157-56-A-17
W4JUK	1254-	29-22-B- -	K4ADU 20,588- 183-45-A-22
K4EJG	510-	17-12-A- 4	K4EAW/4 16,185- 168-39-A-13
K4DBD	425-	17-10-A- 5	K4FJD 15,960- 134-48-A-18
K4TSU	10-	2- 2-A- 1	K4TEA 11,771- 110-43-A- 5
KN4VCY	3-	1- 1-A- 1	K4RPK ²¹ 9141- 142-33-B- 4
W4DKL	3-	1- 1-A- -	W4UDS 6956- 82-35-A-14

West Virginia

W8FNI	127,663-	731-70-A-38
K8HID	93,155-	601-62-A-38
W8DIE	85,968-	600-72-B-29
K8JLF	66,700-	460-58-A-26
K4CQA/8	23,850-	183-53-A-32
W8HRQ	25,250-	202-50-A-25
K8LOU	20,145-	158-51-A-11
K8OQL	16,915-	199-34-A-17
K8QXS	13,538-	147-38-A-22
W8MLX	694-	19-15-A- 5
K8ELF (K8s ELF SUE)	35,075-	231-61-A-19

ROCKY MOUNTAIN DIVISION

Colorado

WØEWH	212,613-	1165-73-A-40
WØWME	112,875-	649-70-A-36
KØMIC ¹⁹	98,348-	635-62-A-30
WØMYB	80,410-	473-68-A-40
KØDTK	75,075-	458-66-A-20
KØVFN	59,365-	383-62-A-40
KØEDH	56,343-	364-62-A-19
KØEDK	48,233-	327-59-A-15
KØVVV	31,265-	256-52-A-23
KØGEU	24,623-	201-49-A-25
KØVFZ	22,149-	198-47-A-23
KØLMD	20,540-	161-52-A-14
KØRTI	1785-	34-21-A-28
KØTRX	438-	18-10-A- 7

Utah

W7BAJ	73,030-	436-67-A-30
W7JQU	9360-	104-36-A- 5
W7POU	7220-	80-38-A- 6
W7MWR	3645-	54-27-A- 5

New Mexico

W5CK	122,404-	863-71-B-38
W5FJE	120,870-	711-68-A-40
W5LEF	98,192-	722-68-B-36
W5NTM	91,000-	523-70-A-36
W1GFB/5	59,738-	405-59-A-40
K5MAT	37,335-	262-57-A-16
K5VDI	15,680-	130-49-A-22
W5DEC	6375-	75-34-A- 8
W5CA	4950-	55-36-A- 3
KN5AEE*	3813-	70-25-A-22
K5YEZ	1530-	36-17-A-10

Wyoming

K7CRL	62,372-	505-62-B-36
W7HRM	52,164-	414-63-B-24
W7BHH	1500-	30-20-A- 3

SOUTHEASTERN DIVISION

Alabama

K4BQU	78,705-	487-66-A-36
K4IWI	47,275-	310-61-A-25
K4DSM	10,118-	111-38-A-19
W4USM	4440-	56-32-A- 3
KN4QZB/4	4350-	68-29-A-17
W4NML	4340-	62-35-B-16
KN4WHV*	3815-	59-28-A- 9

Eastern Florida

W4DQS	198,195-	1362-73-B-40
K4RAD	155,790-	868-72-A-40
W4LVV	148,281-	819-73-A-40
K4JLD	144,905-	794-73-A-36
W4BTO	103,766-	626-67-A-30
W4RUO	86,933-	520-67-A-34
W4JTA	63,150-	429-60-A-28
K4BQP	56,880-	372-63-A-27
K4FMA	55,931-	397-57-A-20
W4DXL	49,500-	305-66-A-29
W4QVJ	45,580-	349-53-A-26
K4KDN	31,635-	222-57-A-10
K4LVP	30,095-	246-52-A-28
W4OMG	19,035-	141-54-A-28
K4ZQU ²⁰	6734-	91-37-B- 6
W4KPB	578-	17-14-A- 6

(Continued on page 154)

K4GRD (K4s GRD IIN)	29,563- 240-50-A-21
W4QAS (K4QDL, W4QAS)	5154- 70-31-A- 9
	<i>Western Florida</i>
W4HQN	154,070- 879-71-A-36
W4WKQ	136,290- 834-66-A-39
W4MLE	102,270- 732-70-B-38
K4TZS (K4s BJT TZS)	
	9446- 117-33-A-25

Georgia

W4YE	154,100- 920-67-A-40
K4BAI	139,231- 981-71-B-40
W4EAW	132,828- 794-67-A-40
W4MCM	89,930- 529-68-A-25
K4TKM	65,081- 401-65-A-36
K4UJS	39,874- 326-49-A-21
W4TKD	32,500- 255-52-A-24
W4HYW	22,852- 197-58-B-14
W4LVX	21,980- 157-56-A-17
K4ADU	20,588- 183-45-A-22
K4EAW/4	16,185- 168-39-A-13
K4FJD	15,960- 134-48-A-18
K4TEA	11,771- 110-43-A- 5
K4RPK ²¹	9141- 142-33-B- 4
W4UDS	6956- 82-35-A-14
K4YSB	1800- 37-20-A- 3
W4MJI ²²	480- 20-12-B- 1

West Indies

KP4AOO	46,618- 325-58-A-16
KP4ATV	13,325- 136-41-A-16
KP4AQY	6038- 81-30-A- -

Canal Zone

KZ5TD	66,480- 417-64-A-21
KZ5DF	39,435- 239-66-A-24

SOUTHWESTERN DIVISION

Los Angeles

K6CTV	188,066-1039-73-A-40
W6SBB	170,820- 939-73-A-40
W6HAL	111,648- 633-71-A-36
W6SRT	76,590- 444-69-A-31
W6OIV	75,762- 549-69-B-29
W6NKR	70,380- 510-69-B-30
WA6CGS	60,915- 393-62-A-23
W6OEO	58,276- 429-68-B-39
WA6AYU	34,100- 249-55-A-27
K6QPH	32,348- 227-57-A-25
W6GQX	23,396- 189-51-A-17
W6ACL	21,980- 157-56-A-24
K6UYZ	22,195- 194-46-A-18
WA6FVL	21,866- 175-51-A-29
WA6AJD	19,858- 169-47-A-16
WA6KXY	17,190- 194-36-A-36
WA6BAH ²³	14,850- 155-50-B-15

Utah

K6KUU	12,760- 116-55-B-16
WA6CPM	12,139- 127-39-A-17
K6TXU/6	11,610- 130-36-A-17
WA6KZI	11,331- 131-35-A-32
WA6FVA	10,965- 102-43-A-21
W6LVQ	10,600- 80-53-A-13
WA6JDB	9931- 117-35-A-21
WA6EFI	8316- 126-33-B-11
W6JQB	7740- 90-43-B- 6
WA6GSP	6815- 97-29-A- -
K6MSL	5425- 70-31-A-10
WA6GOB	5231- 68-31-A-12
K6KQT	3990- 90-19-A- 7
WV6MOW*	3315- 51-26-A-24
WA6EOL	2843- 47-25-A- 5
WA6AWD	1710- 58-15-B- 7
W6AM	182- 13- 7-B- 1
W6QAE	38- 5- 3-A- 3
K6CLS/6 (WA6CTK, K6s CLS CVI)	70,688- 439-65-A-35
W6UFJ (W6UFJ, WA6FXJ)	31,050- 230-54-A-26
WA6FDB (2 oprs.)	5720- 75-32-A- 8
WA6ANB (5 oprs.)	1538- 41-15-A- 5

Arizona

W7ZMD	126,630- 708-72-A-33
W7QAP	113,103- 802-71-B-33
W7ATV	81,504- 578-72-B-29
K7KOK	7995- 82-39-A- 8
KN7MLG	700- 48- 8-A- 4
K7IKT	3- 1- 1-A- 1
	<i>San Diego</i>
W6ZVQ	220,278-1207-73-A-40
W6JVA	146,273- 808-73-A-39
W6LRU	126,824- 718-71-A-35
WA6BUX	84,660- 501-68-A-35
K6SDR	69,360- 445-68-A-30
K6LLI	65,081- 402-65-A-34
WA6JLM	56,935- 400-59-A-28
W6UME	56,720- 356-64-A-29
WA6CZR	47,250- 304-63-A-40
WA6FJD	41,501- 264-63-A-34
WA6FYW	27,848- 244-47-A-26
W6IYG	26,500- 200-53-A-16
WA6GRB	24,495- 216-46-A-33
WA6DBC	24,413- 155-63-A-19
WA6BNG	22,000- 178-50-A-23
K6BXP	11,890- 116-41-A- 7
K6EJK	10,238- 105-39-A-16
WA6AEE	2925- 45-26-A- 5

K6STZ	2240-	64-14-A-10		<i>Quebec</i>
WV6NHO	1530-	41-18-A-16	VE2BAE	48,813- 365-55-A-24
WA6GKX	538-	22-10-A- 4	VE2AZN	27,923- 221-51-A-21
W6YZD	378-	14-14-B- 1	VE2AIL	13,644- 157-37-A-19
WA6HHJ	120-	16- 3-A- 3	VE2AWR	9938- 159-25-A-19
W6KXN (K1MOT, K9HVL)	11,568-	122-48-B- -	VE2ADD	975- 30-13-A- 6

Santa Barbara

W6YK	99,180-	561-72-A-36
K6LZU/6	29,795-	204-59-A-28
W6BHZ ²⁴	17,595-	153-46-A-10
WA6FGV	13,195-	203-26-A-33
W6FYW	240-	12- 8-A- 3

WEST GULF DIVISION

Northern Texas

W5MCT	203,175-	1168-70-A-40
K4VNL	181,223-	997-73-A-40
K5RHZ	179,353-	1011-71-A-39
W5QF	92,027-	534-69-A-36
K5YAA	88,560-	559-64-A-39
K5PSL	35,475-	216-66-A-34
K5PVX	28,899-	192-61-A-28
K5RDQ/5	21,560-	154 56-A-17
K5DEB	12,363-	115-43-A-22
KN5ERQ*	7264-	93-39-A-35
KN5FLD	338-	15- 9-A-12
KN5ZAI	275-	14-10-A- 6
W5SOD	75-	6- 5-A- 3

Oklahoma

W5YJS	115,375-	650-71-A-31
K5OCX	107,865-	643-68-A-33
W5CWX	101,589-	608-67-A-29
K5VYA	89,638-	519-71-A-40
K5VTA	78,641-	490-67-A-40
W5CKT	46,810-	302-62-A-16
K6WZJ	40,046-	272-59-A-28
K5ZBS	28,000-	250-56-B- 7
K5WVX	25,125-	205-50-A-23
W5EHY	18,240-	190-48-B-20
K5TAJ	13,380-	112-48-A-15

Southern Texas

W5WZQ	235,608-	1301-73-A-40
K5ABV	182,591-	1003-73-A-39
W5AWT	137,375-	792-70-A-31
K5LWL	79,463-	489-65-A-28
K5RPC	56,715-	409-57-A-39
K5LLJ	22,540-	161-56-A-13
W5LGG	16,250-	130-50-A- 4
K5WQM	8455-	92-38-A-16
KN5BFB	4118-	66-27-A-32
KN5ZJK	2473-	43-23-A-12

CANADIAN DIVISION

Maritime

VE1ADH	21,712-	238-46-B-16	VE8RW	3565- 59-31-B- 3
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¹ W3WJD, opr. ² K3NNC, opr. ³ WA2HSP, opr. ⁴ K9EEC, opr. ⁵ W8FEM, opr. ⁶ K2JVB, opr. ⁷ K9GJD, opr. ⁸ Hq. staff, not eligible for award, ⁹ W1WPR, opr. ¹⁰ K1MJC, opr. ¹¹ W1ETH, opr. ¹² K9ITF, opr. ¹³ W9WWJ, opr. ¹⁴ KH6DGL, opr. ¹⁵ W6QHS, opr. ¹⁶ W3BOA, opr. ¹⁷ W4GHQ, opr. ¹⁸ K4FEQ, opr. ¹⁹ K6LSG, opr. ²⁰ K4LDR, opr. ²¹ K4TEA, opr. ²² K6SXX, opr. ²³ WA6ORJ, opr. ²⁴ K6OGT, opr. ²⁵ VE3BFA, opr.

Phone Scores

ATLANTIC DIVISION

Eastern Pennsylvania

K3DVS	121,788-	600-68-A-36
W3ECR	53,463-	251-71-A-21
W3MQC	40,320-	240-56-A-24
K3EYL	27,216-	192-48-A-16
K3JHA	17,820-	220-27-A-28
W3JXI	12,183-	132-31-A-12
W3IAR	6840-	114-20-A- -
K3LSX	6750-	78-30-A-23
K3JNP	6498-	115-19-A-20
K3BKL	3750-	51-25-A-13
W3EAN	3750-	75-25-B- 3

K3HLN	375-	25- 5-A- 4
K3AWD	360-	40- 3-A- -
W3NHX	180-	10- 6-A- 1
K3MBS	153-	26- 2-A-11
W3JMG	138-	23- 3-B- 3
W3FWC	117-	13- 3-A- -
K3HFZ	48-	8- 2-A- 5
W3WNE	36-	6- 2-A- 3
K3JGI	27-	3- 3-A- -
W3ZXV	27-	9- 1-A- 1
W3YLL	3-	1- 1-A- 1

Md.-Del.-D. C.

W3ZKH	84,663-	411-69-A-40
K3LFO	3630-	56-22-A- 6
K3JIX	3366-	52-22-A- 9
W0BPO/3	1491-	36-14-A- -
K3MDL	36-	6- 2-A- 5

Southern New Jersey

W2LBX	35,223-	200-59-A-36
WA2IEK	35,022-	225-52-A-30

(Continued on page 156)

W2BLV	33,300-	185-60-A-18	K9OYT	2-	1- 1-B- -
K2PZF	19,908-	120-56-A-21	W9BMQ-9 (9 oprs.)	24,840-	192-45-A-34
WA2DWT	19,251-	140-46-A-25	K9QFZ (K9s QFZ RJP)	18,906-	138-46-A-14
W2ADA	14,859-	128-39-A-16	W9OKV/9 (12 oprs.)	1092-	57- 8-A- -
W2DMR	10,974-	118-31-A-19			
W2HXF	10,965-	89-43-A-25			
W2QKJ	8736-	104-42-B- -			
W2ZX	8600-	108-40-B- 5			
WA2NEO	7722-	101-26-A-12			
K2ODZ	7500-	100-25-A-13			
WA2LME	5775-	77-25-A-19			
K2MKD	2847-	73-13-A-12			
W2OSD	2640-	40-22-A- 5			
WA2EIY	2478-	59-14-A-12			
WA2EMB	2400-	100- 8-A-24			
K2KCI	2208-	92- 8-A-15			
WA2GJE	2160-	80- 9-A-17			
WA2GSO	2160-	80- 9-A-17			
W2EIF	1809-	67- 9-A-11			
W2ESG	1240-	33-20-B- 3			
W2GVB	972-	54- 9-B- 6			
W2ZUL	960-	40- 8-A-15			
K2OHM	585-	39- 5-A- 9			
W2BAY	414-	46- 3-A- 7			
WA2NVS	336-	15- 8-A- 2			
K2SXN	330-	55- 2-A-20			
K2MGZ	324-	27- 4-A- 6			
K2RZL	318-	53- 2-A- 8			
W4HBO/2	315-	16- 7-A- 1			
K2MGZ/2	279-	31- 3-A-10			
K2EJW	276-	46- 2-A-10			
W2ORA	240-	40- 2-A- 3			
WA2HJI	228-	38- 2-A- 6			
K2YIB	216-	24- 3-A- 4			
W2LFN	140-	10- 7-B- 2			
K2UWH	120-	20- 2-A- 1			
W2FPZ	84-	14- 2-A- 2			
WA2NWY	84-	14- 2-A- 4			
W2WKI	42-	7- 2-A- 2			
W2SDO	32-	4- 4-B- 1			
K2HBY	24-	4- 2-A- 1			
WV2LCB/2	6-	2- 1-A- 1			
K2HJY	3-	1- 1-A- 1			
K2UQD (K2s UQD YIB)					
	46,170-	270-57-A-31			
K2SHJ/2 (K2SHJ, WA2EIE)					
	43,680-	260-56-A-36			
K2DEI (4 oprs.)					
	14,508-	156-31-A-13			
K2MPV (K2MPV, W2REB)					
	3510-	78-15-A- 9			

Western New York

K2GXII	119,574-	550-73-A-40
K2BHP	80,190-	405-66-A-38
W2VDX	51,972-	284-61-A-28
K2MNE	11,554-	109-53-B-21
W0PVH/2	5250-	76-35-B-18
K2QWD	1350-	75- 6-A-28
K2GZT	700-	25-14-B- 5
K2HND	234-	13- 9-B- 8
W2MAU ¹	129-	43- 1-A-12
K2TXG	60-	20- 1-A- -

Western Pennsylvania

W3LWW	22,113-	189-39-A-20
W3KTW	14,910-	142-35-A-12
W3BBO	11,152-	139-41-B-21

CENTRAL DIVISION

Illinois

W9NZM	82,454-	379-73-A-37
W9QXO	69,948-	349-67-A-36
K9UIT	41,126-	242-57-A-28
W9VBV	34,485-	209-55-A-18
K9MQI	29,205-	177-55-A-25
K9MDH	27,600-	192-50-A-11
W9PNY	19,890-	130-51-A-29
K9OZY	17,640-	140-42-A-22
K9SJQ	17,451-	139-42-A-35
W9RHV	15,990-	130-41-A-26
K9KIC	13,860-	140-33-A- -
K9VQA	11,985-	118-34-A-19
K9TNA	11,760-	100-40-A-15
W9IVG	11,234-	137-41-B-15
K9KHZ	11,070-	90-41-A-14
W9FVU	8554-	91-47-B- -
W9JJT	8091-	87-31-A-11
K9OUY	7482-	86-29-A- 9
W9NZS	7392-	77-32-A-13
K9UMB	7200-	80-30-A-18
W9QDM	7172-	82-44-B-15
K9GTG	6624-	70-32-A- 5
K9WNX	6426-	79-28-A-13
K9CSW	5382-	69-26-A-12
W9LQF	4950-	55-30-A- 6
K9BTR	4620-	70-22-A-13
W9JMY	3705-	65-19-A- 9
W9UWP	3528-	56-21-A- 5
W9QKE	3338-	45-25-A- 7
W9ZYL	2808-	54-26-B- 9
K9QFR	1638-	42-13-A- 2
W9FDY	1311-	23-19-A- 4
K9QLD	1065-	36-15-B-19
W9CRN	990-	22-15-A- 6
K9UIL	336-	21- 8-B- 6
W9TAL	147-	7- 7-A- 3
K9VLQ	140-	16- 3-A- 4
W9AA/ ⁹²	114-	19- 2-A- 3
K9WEH	46-	4- 4-A- 1
K9RWK	30-	5- 2-A- 1
K9ISP	9-	3- 1-A- 1
K9OCU	3-	1- 1-A- 1
K9KDI	2-	1- 1-B- -

DELTA DIVISION

Arkansas

K5TST	63,657-	333-66-A-30
W5TIQ	48,090-	233-70-A-21
W5CGR	45,792-	212-72-A-40
K5USE	780-	20-13-A- 1

Louisiana

W5KC	126,210-	601-70-A-36
W5HMU	89,046-	444-68-A-35
K5YMY	64,320-	336-64-A-32
K5KLA	54,891-	321-57-A-27
K5MPM	50,112-	266-64-A-20
W5INL	41,757-	227-62-A-12
K5QXV	41,490-	240-60-A-33
K5QXR	36,477-	291-63-B-24
K5BSL	31,977-	188-57-A-19
K5BXX	17,907-	134-47-A-10
K5LXZ	17,250-	125-46-A-26
W5QPS	15,000-	125-40-A-12
K5SXO	14,280-	120-40-A-11
K5UNP	14,145-	117-41-A-13
K5CVY	9207-	100-31-A- 3
W5GFM	6232-	85-38-B-13
W5LDH	3248-	59-28-B- 4
W5LJY (K5s PGS PGT)		
	27,384-	250-56-B-25
K5AQY (K5AQY, KN5DEJ)		
	5110-	77-35-B- 9

Mississippi

W5DRI	107,778-	506-71-A-26
K5CFP	1008-	24-14-A- 4

Tennessee

K4LPW	141,474-	646-73-A-33
K4RIN	62,400-	323-65-A-29
K4RTA	54,300-	275-68-A-23
K4TTA	42,240-	220-64-A-20
K4RSY	36,075-	185-65-A-25
K4QNI	30,508-	263-58-B-27
W4FJR	23,772-	160-56-A-26
W4OGG	6825-	65-35-A- 7

(Continued on page 158)

GREAT LAKES DIVISION

Kentucky
 W4NWT 71,208- 344-69-A-38
 K4VUD 28,728- 174-56-A-14
 K4JHR 25,136- 238-56-B-27
 K4MZW 2640- 40-22-A- 8

Michigan
 K8PCZ 61,425- 315-65-A-33
 K8RFC 49,043- 252-65-A-35
 K8MJZ 6603- 71-31-A-11
 W8JKD 2916- 54-27-B-16
 W8TWJ 1392- 29-24-B- 3
 K8OZN 60- 21- 1-A- 4

Ohio

W8AJW 96,063- 452-71-A-37
 W8KZH 49,502- 271-61-A-34
 W8BMX 43,550- 335-65-B-34
 W8QEQQ 42,608- 223-65-A-31
 K8AAG 34,821- 220-53-A-32
 K8HZN 34,503- 224-53-A-23
 W8HQK 30,363- 176-58-A-26
 W8IKM 28,188- 162-58-A-22
 W8BIM 27,376- 236-58-B- -
 W8UON 22,800- 152-50-A-18
 K8JSZ 22,724- 220-52-B-26
 W8ZZC 11,560- 145-40-B-21
 W8NCV 8652- 103-42-B-20
 K8OIR 7770- 76-35-A-16
 W8OYV 7500- 100-25-A-18
 K8DWQ 7242- 110-34-B-14
 K8PMW 6561- 83-27-A-12
 K8KSN 6075- 81-25-A-28
 W8YAB 5976- 83-24-A-22
 W8LDQ 4672- 74-32-B-22
 W8FNX 4640- 80-29-B-13
 W8NHO 3591- 57-21-A-11
 K8LWF 2040- 34-20-A- 5
 W8BSR 1872- 39-16-A- 5
 W8IBX 1709- 34-17-A- 2
 W8GKQ 1700- 43-20-B- 3
 W8LKD 1216- 38-16-B- -
 W8NAL 1170- 30-13-A- 6
 K8EML 990- 30-11-A- 6
 W8VSJ 736- 23-16-B- 5
 W8IY 567- 21- 9-A- 2
 W8DOG 561- 17-11-A- 8
 W8MEI 330- 22- 5-A- -
 K8HBN 45- 5- 3-A- 1
 K8MMJ 29- 10- 1-A- 2

W2PEV 30,687- 193-53-A-26
 K2HLC 25,875- 174-50-A-29
 WA2FVR 16,236- 125-44-A-23
 W2JKH 5072- 82-21-A- 5
 K2BPG 4446- 58-26-A-11
 K2UFM 4032- 72-28-B- 6
 W1SBD/2 1680- 35-16-A- 8
 WA2GUB 552- 24- 8-A- 2
 K2GDR 456- 19- 8-A- 8
 K2SFQ 75- 5- 5-A- 1
 WA2EJZ 63- 7- 3-A- 1
 WA2CCF 32- 4- 4-B- 1
 K2KOD 27- 3- 3-A- 1
 K2MUT/2 (3 oprs.) 26,579- 190-47-A-31
 W2NSG (9 oprs.) 18,819- 153-41-A-17

MIDWEST DIVISION

Iowa

K0MMS 81,165- 387-70-A-36
 W0AXE 12,987- 112-39-A-11
 K0SLY 8436- 74-38-A- 6
 K0IHC 6405- 61-35-A- 9
 K0BNF 6300- 71-30-A-14
 W0BGB 4320- 45-32-A- -
 K0VND 3402- 54-21-A- 6
 W0WWM 3150- 50-21-A- -
 W0GQE 630- 30- 7-A- 4
 W0NCS 312- 13- 8-A- 2
 K0MMQ 192- 16- 4-A- 2
 W0JAQ 45- 5- 3-A- -
 K0VEJ 18- 3- 2-A- 1
 W0MHC (4 oprs.) 69,966- 339-69-A-37

Kansas

K4USB/0 15,674- 123-43-A-10
 K0YWG 12,771- 103-43-A-22

Missouri

K0LTK 51,678- 263-66-A-39
 K0ORB 21,150- 150-47-A-28
 K0ETY 2052- 29-24-A- 8
 K0YIP 2016- 32-21-A-10
 K0MJZ 1950- 34-20-A- 8
 K0WKZ 96- 16- 2-A- 2
 K0CQA 6- 2- 1-A- 1
 W0QON (13 oprs.) 9920- 135-40-B-21
 W0QEV (4 oprs.) 1722- 41-14-A- 5

Nebraska

K0QJG 41,664- 227-62-A-24
 K0ICD 24,360- 140-58-A-14
 K0WIF 22,368- 237-48-B-22
 K0QII 6342- 76-28-A-16
 K0AGC 4934- 74-23-A-22
 K0LWX 1700- 52-11-A-25
 K0LDP (5 oprs.) 69,480- 397-60-A-40

W0FBY (2 oprs.) 1056- 44- 8-A- 8

NEW ENGLAND DIVISION

Connecticut

W1AW^{4,5} 1980- 30-22-A- 2
 W1ICP⁴ 8- 2- 2-B- -
 W1ETF (K1s ANV EAT, W1-ETF) 32,208- 265-61-B-21
 K1OOJ (2 oprs.) 23,814- 221-54-B-24

Maine

W1GKJ 59,378- 313-65-A-34
 W1DIS 31,800- 265-60-B-17

Eastern Massachusetts

K1KTH 61,380- 333-62-A-36
 W1EJE 32,214- 182-59-A-25
 W1OTH 16,065- 128-42-A-17
 K1LXQ 13,482- 107-42-A-16
 K1INO 10,157- 92-37-A-17
 W4ADU/1 5141- 75-23-A-11
 K1JFM 1395- 31-15-A- 4
 W1IEF 63- 7- 3-A- 2
 K1MVN 48- 8- 2-A- 1
 K1KUG (K1KUG, W1JDA) 61,419- 351-59-A-31
 W1MX (W4ADU, K9CDI) 3840- 64-30-B- 6
 W1AF (W1ETH, W2ROH, WA2IVO) 429- 19-11-B- 2

Western Massachusetts

K1LRB 45,504- 237-64-A-32
 W1DGJ 34,200- 190-60-A-19
 W1DXS 16,704- 116-48-A-13
 W1MHS 5288- 73-25-A-21
 K1LNM 630- 21-10-A- 3
 K1LNC 240- 14- 8-A- -

New Hampshire

W1FZ 42,750- 250-57-A-21
 K1IIK 792- 22-12-A- 1

Rhode Island

K1HMO 22,650- 151-50-A-23
 K1HYG (K1s HYG LNP) 51,243- 279-62-A-34

(Continued on page 160)

K1MVV	Vermont 240- 10- 8-A- 2	K4IKF K4CEK K4ZHA W4ZZV	72- 12- 2-A- 1 54- 18- 1-A- 9 54- 9- 2-A- 1 39- 13- 1-A- 1
NORTHWESTERN DIVISION			
	Alaska W9KLD/KL7 KL7AWR (6 oprs.)	976- 32-16-B- 2 19,250- 175-55-B- -	W8UYR K8QYD K8MIH (7 oprs.)
			2700- 46-20-A- 6 210- 10- 7-A- 1 61,824- 327-64-A-39
	Idaho W7MKI W7FTK (K7CJR, W7FTK)	53,664- 282-64-A-38 7673- 83-33-A-22	
	Montana W7JHL W7CBY K7KME	66,336- 348-64-A-30 49,248- 288-57-A-23 13,770- 109-45-A-20	K0OER K0PGM K0TMM K0MZD K0SUB W0ECY K0WWJ K0UKB K0VGN W0SIN K0JSD K0YGH K0ZQR K0EGJ K0GAS K0RGU W0YQ (11 oprs.)
	Oregon W7UGQ W7SPX	60,117- 358-58-A-34 40,362- 326-62-B-23	67,770- 382-60-A-29 51,437- 330-53-A-26 40,320- 240-56-A-15 35,568- 209-57-A-22 24,170- 203-41-A-11 22,568- 203-56-B-19 18,603- 117-53-A- - 15,876- 126-42-A-16 12,000- 100-40-A-16 9630- 107-30-A- 9 7871- 80-33-A-14 5175- 57-30-A- 5 3735- 43-30-A-13
	Washington W7BSW W7UWT K7ILQ W7COP K7AYD K7CHD/7 W7OVJ K7AYC W7TJS K7MFF K7ATD K7GBW	156,366- 714-73-A-34 102,240- 538-64-A-33 66,681- 361-62-A-36 24,150- 161-50-A-33 19,224- 178-54-B-27 13,560- 113-40-A-20 5535- 63-30-A-13 1292- 38-17-B- 7 702- 20-12-A- 5 486- 19- 9-A- 3 21- 7- 1-A- 5 12- 2- 2-A- 1	112,058- 568-67-A-39 K0PXB (K0s PXB RXJ) 78,306- 655-62-B-35 K0RGV (K0s RGV RJA) 23,865- 190-43-A-15 W0OUI (5 oprs.)
	W7AZI (W7s AZI WLX) 8544- 89-32-A- 6		8417- 91-31-A- 9
	W7WLX (W7s AZI WLX) 3312- 46-24-A- 4		
PACIFIC DIVISION			
	Hawaii W5BJZ/KH6 85,374- 459-62-A-36		
	Nevada W7KOI Santa Clara Valley K6VGW K6ERV WA6HZM	7942- 106-38-B- 9 94,269- 478-67-A-38 77,586- 391-67-A-36 12- 2- 2-A- 1	K0EGJ K0GAS K0RGU W0YQ (11 oprs.)
	East Bay W6VNH W6BSY	85,800- 442-65-A-30 81,532- 603-68-B-34	K7BHE W7MWR K7HVF
	San Francisco K6EIE W6YEJ	32,208- 176-61-A-25 7290- 68-36-A-12	56,273- 313-61-A-30 6324- 68-31-A- 7 2489- 40-21-A- 8
	Sacramento Valley W6SFH	4719- 72-22-A-26	
	San Joaquin Valley K6OOW K9PKJ/6 WA6FOL W6HYK	69,225- 358-65-A-22 37,791- 222-57-A-27 7008- 73-32-A- 9 83- 6- 5-A- 1	
	Western Florida W4CMG K4DSW K4ZAC		
	Alabama W4CWO W4DS W4USM	48,198- 419-58-B-40 47,676- 275-58-A-29 12,360- 105-40-A- 5	40,281- 234-58-A-38 34,706- 255-67-B-30 27- 3- 3-A- 1
	Wyoming K7IAV W7CQL W7SZZ W7LKQ W7SQT W7AMU	3150- 50-21-A- 8 288- 12- 8-A- 1 24- 8- 1-A- 1	
	Eastern Florida K4YXC K4VSA W4HVD K4GSD W4CQQ K4YBF (4 oprs.)	86,678- 449-65-A-20 41,003- 264-55-A- - 34,371- 204-57-A-18 25,125- 174-50-A-21 12,128- 119-35-A-11 39,852- 259-54-A-26	
	South Carolina W0YFT/4 WA6IHJ/4 K4YYL W4HNW (9 oprs.)	3525- 47-25-A- 5 1584- 33-16-A-18 198- 11- 9-B- 1 57,260- 423-70-B-40	
	Western Florida W4CMG K4DSW K4ZAC		
	Georgia K4POL W4OPB W4YJV K4JNS	28,392- 182-52-A-24 11,781- 94-42-A-12 1890- 32-20-A- 7 9435- 128-37-B- 8	
	West Indies KP4YT KP4AWH		
	Canal Zone KZ5SW KZ5VW	26,832- 172-52-A-12 17,348- 130-45-A-12	
	SOUTHWESTERN DIVISION		
	Los Angeles K6EVR W6CFM K6OOL WA6FRA W6BYT WA6ABZ W6OPT K6SUC W6SWE K6YYN K6THW K6QPH WA6HQC W6BUK WA6EOL	227,220-1090-70-A-33 31,883- 164-65-A-30 23,550- 158-50-A-16 18,480- 148-44-A-27 14,841- 150-51-B-23 11,520- 100-40-A-19 6318- 85-26-A- 7 6120- 68-30-A- 4 1854- 34-19-A- 3 419- 16- 9-A- 3 405- 15- 9-A- 4 390- 13-10-A- 1 270- 10- 9-A- 1 30- 5- 2-A- 1	
	(Continued on page 162)		

W6UFJ	12-	2- 2-A- 1	K5RDQ/5	3- 1- 1-A- 1
W6WGV	9-	3- 1-A- 1		
WA6ANB (4 oprs.)	6840-	83-30-A-12		<i>Oklahoma</i>
W6UGU (2 oprs.)	1491-	36-21-B- 4	W5IWL	84,320- 422-67-A-30
K6ICQ (K6s ICQ ICS)	842-	27-11-A- 3	K5MID	37,224- 283-66-B-22
			K5MZJ	16,224- 111-49-A-23
			W5OUE	3168- 50-22-A- 4
			K5LDM (3 oprs.)	
				15,876- 113-49-A-26
				<i>Southern Texas</i>
W7WUC	60,885-	313-66-A-33	K5JCC	72,638- 375-65-A-36
K7LKN	55,283-	299-63-A-39	K5RQI	60,390- 330-61-A- -
W7ENA	54,945-	278-66-A-22	K5ATT	47,523- 260-62-A-34
K7HDH	41,949-	241-59-A-25	W5AVM	46,508- 296-53-A-23
K7CLA	31,379-	184-57-A-22	W4GYX/5 39,930-	243-55-A-23
K8VTB/7	12,051-	104-39-A-14	K5ZIT (K5ZIT, W5BKM)	
K7CAX	6255-	71-30-A- 3		79,165- 560-71-B-32
W7IQS/7 (4 oprs.)	102,528-	542-64-A-35		

San Diego

W6VAK	58,926-	322-61-A-23
WA6CZR	480-	16-10-A- 1

Santa Barbara

WA6IKO	19,325-	150-43-A-30
W6UWL	7772-	79-33-A-11
W6MNE	36-	4- 3-A- 1
WA6GBC (WA6s GBC JAB)	39,029-	222-59-A-40

WEST GULF DIVISION

Northern Texas

K5IID	115,776-	576-67-A-30
W5KHP	58,404-	315-62-A-23
K5SEK	55,800-	300-62-A-21
K5YIB	55,125-	264-70-A-34
W5KZX	24,264-	170-48-A-21
K5KZA	19,037-	130-49-A-19
W5SOD	16,023-	109-49-A-17
K5ZOM	11,009-	89-41-A-23
K5UTV	5904-	62-32-A- 7

CANADIAN DIVISION

Maritime

VO1DZ	1283-	30-15-A- 7
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Ontario

VE3PV	13,500-	100-45-A-10
VE3CKW	7296-	76-32-A- 8
VE3JF	10-	2- 2-A- -

Manitoba

VE4SD	28,944-	203-48-A-12
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Saskatchewan

VE5ZM	22,613-	168-45-A-16
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Alberta

VE6AAV	12,180-	104-40-A- 8
VE6GB	2657-	39-23-A- 8

British Columbia

VE7CE	26,514-	248-54-B-21
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¹ K2ZRX, opr. ² K9EEC, opr. ³ K9PQT, opr. ⁴ Hq. staff, not eligible for award. ⁵ W1WPR, opr.

ARRL thanks the following amateurs for submitting their logs for checking purposes: C.W.: W1RWR, K2ESO, W2MES, WA2IBF, W3s CDQ LC, W4WHK, W5ARJ, W6BES, K9IFB, W9WEN, VE1DB, VE2BEY, VE3AO. PHONE: K1KPS/1, W4RLS, WA6AUD, K7ADI, VE3AO, VE6LN.

QST

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