

COMPILED BY PHIL SIMMONS,\* WIZDP

In a half-dozen years of watching the various contests engulf the Communications Dept., this reporter has never seen anything approaching the 25th Sweepstakes avalanche. It began with the October QST preliminary announcement which, on reaching the ARRL membership, precipitated a flood of requests for forms and rules interpretations. November 3, the Monday before the starting gun, 300 requests for log sheets were received, Tuesday 60, Wednesday over 100. Two ladies devoted their energies exclusively to getting the sheets mailed, handling some 600 orders that week of Nov. 3–7, including last minute telephone callers (San Francisco, Los Angeles, Chicago, etc.) begging for rapid service. It was a rough go.

But the prelude was a mere trickle compared to the aftermath. Following two week ends of the sweetest band conditions a contest fan could hope for, the League was all but buried in the flood of logs, happy remarks, suggestions for rules changes and other correspondence, photographs, letters from clubs, volunteered QST articles, and what-have-you. The Monday just after the mailing deadline, nearly five feet of such material was received. Needless to say, with 2383 logs (1677 c.w., 706 phone) the 25th SS was another history-shaper far surpassing all previous holdings anywhere you look. Let's start our boildown of the mass of SS data by whirling through the call areas to peer at a few highlights:

In New England W1JYH and W1EOB had a high-powered buddy-buddy W. Mass. race, JYH setting a new W1 QSO record of 1246. In Connecticut W1FEA, aged 17, squeaked past W1BIH by a wee 55 points and slaughtered in the process tried-and-true talent like W1TYQ and W1RAN, as ARRL Staffer W1WPR keyed the W1AW kilowatt to 1205 contacts. Tickled to receive so many "TNX NH" comments,

W1HKA coasted to winnership there with 25 watts to a Heathkit and zepp. Several visiting firemen invaded Vermont to boost its availability but Essex Junction resident W1QMM took the award as he often has. El-Ray Radio Club's K1CQO won in E. Mass. where eight of the leading ten were El-Rayers. And one K1 person signed this statement: "I have observed all competition ruses as well as all regulations established for amateur radio in my country." Typing error? Hmmm.

Western New Yorker W2SSC pounded out 185,603 points for tops in the W2/K2 belt. John doesn't know about this but a discouraged K2 jean-ager is plotting to scare him out-of-section with a phony telegram come the 1959 SS. W2DMJ's 1025 contacts led the call area and N. N. J. and Frankforder W2HDW tramped off with S. N. J. After ending ahead of 98 N. Y. C.-L. I. competitors, W2AYJ keenly reminisced: "It is always a pleasure to meet old friends again, if only to say hello. I am continually surprised at the number of familiar calls that show up for this All American Classic. I was in the first one and hope to be in them all until the final fuse blows for me." See you in the 1990 SS, Old Man?

The Threes had one of those duels that give ARRL checkers the heebie-jeebies. Not only the Eastern Pennsylvania and Frankford Radio Club code certificates but side honors for second highest national score were at stake. Here the great W3JNQ, by five QSOs, photo-finished the great W3BES 221,555 to 220,643. In Md.-Del.-D. C., Potomac Valley ace W3EIS (who missed 200K by just 20 points last time) forged forward to 217,266 for the country's fourth ranker and seven-of-nine section awards. Safely removed from the PVRC-FRC stronghold, W3ZHQ did FB in W. Pa. with a DX-100 to a windom, doublet, and dipoles.

<sup>\*</sup> Asst. Communications Manager, C.W., ARRL.

For posting 235,790 points and 1296 contacts, W4KFC (left) receives 21½-inch trophy from President W3EIS at recent Potomac Valley Radio Club meeting. W3EIS made the presentation on behalf of W3GJY, who donated this Raymond R. Rosenberg (W3NCJ) Memorial Award to the top scorer in the 25th Sweepstakes.

Three guesses who the top Four was! Cutting loose with 1296 QSOs and a blazing 235,790 pointer, W4KFC landed (1) the Virginia award, (2) the PVRClub award, (3) plaudits for top tally among the 1677 code entrants, (4) the W3NCJ Memorial Award donated by W3GJY. Vic was two QSOs and 500 points shy of W2IOP's 1298-236,246 killing in 1957, both of Larry's records thus continuing in force. Elsewhere in Four-land, Tennessee's K4LPW claims he's not getting any younger (who is?) but with 214,529 points worth fifth nationally, Mel scarcely seems doddering. K4HXF and W4BWZ rode roughshod over the Carolinas and W4WKQ, albeit slowed by queries from people who don't realize most of West Florida is on CST, won anyway. See East Florida and Georgia for nip and tuck skirmishes where, as always, the fellow who kept the most accurate dupe check, who waited to copy receipts for information sent, and who submitted the least illegible log, emerged with sheepskin to grace his walls.

K5DGI nosed out W5YDC in Louisiana last time but the tables were turned in 1958, YDC whomping up 191,625 on 14 Mc. alone, the highest one-bander of all time. Other Five-land highlights: W5FPI's powerful little 30-watter grabbed Mississippi and New Mexico's W5CK became one of two Stateside two-letter men earning a certificate. That K5LZO who triumphed in South Texas was none other than ex-KN5LZO, whose 1957 score of 37K still stands as best Novice work.

California has the Top o' the Mark, sunshine, more hams and ARRL Sections than any state, and movie stars. It also has a healthy share of contest stars, one being Sac Valley's young K6SXA. As a KN, Jim started off with the country's top score in the 1957 Novice Roundup, moved up to lead the Sixes in this SS. W6TT, a fan since the Thirties, took East Bay again 'though K6QHC pushed hard, while W6MVQ lost a toughie to W6UTV in S.C.V. Down south K6VTQ's 162,768 paced 62 L.A. entries and W6ZVQ fared famously in San Diego. Penned K6VTQ: "Please try to impress on the gang that QSZ is seldom necessary and only slows things down. Repeat only if requested."

Hearing a Seven, any Sweepstaker with ears

K6VTQ took Los Angeles entrants over the hurdles with 162,768 points and 921 contacts. President of Hughes Amateur Radio Club and ex-W2UZS, Ed favors DX, contests, experimentation and s.s.b.



wide open for multipliers does a fast double take and cranks up the r.f. gain for a closer listen. The top W7 with 188,683, Las Vegas' W7KEV rolled his fifth straight "natural" in Nevada (maybe Baby needs a new pair of shoes) while neophytes W7YGN and W7YKT dominated Washington and Oregon. Wrote W7RGL: "A 440-watt rig, I've found, is about as handy during an SS as telescopic sights on a muzzle-loader! I'm also convinced that a traveler wandering through East Mass. couldn't go more than 17 feet in any direction before becoming snubbed up tight by assorted ham antennas. I'd have given my left arm (I'm left-handed) for a Maine come Sunday evening."

Like a highballing freight train, Ohio's W8LQA steamed over Eight-land with 198K. Meanwhile W8DUS's KW-1 was outdoing 50 Wolverines by



May 1959 53

kicking the gong to 111,399. And you could cry yourself a river over the grumblings at missing W. Va., except that W8s DIE FNI TDG and nine more were dishing out the section all over the place.

In W9/K9, W9RQM sprinted to a thirteenth consecutive Wisconsin victory by outmaneuvering K9CAN 198 to 187 kilopoints. Indiana belonged to W9YSX hands down and, believe it or not, somebody besides W9YFV and W9ERU finally captured Illinois.

WØYCR, as sharp an op as there is in the busi-

ness, clobbered Minnesota and the other Zeros with 209,328 points and 1153 QSOs, and ARRL Dakota Director WØPHR, coursing through 37 time-on-air hours at his habitual lightning pace, conquered South Dakota again. Out in Colorado WØCDP, testing a combination log-duplicate card-index system developed by W4KVX, found it a highly successful dupe-reducer. After defeating 35 Iowans, WØVXO weeped, "I've heard some hard luck stories but think mine takes the cake. During the contest I replaced the receiver rectifier tube and three 6146s in the transmitter.

### C. W. WINNERS, 25TH A.R.R.L. SWEEPSTAKES

Section	Call	Score	Transmitting Equipment	Receiving Equipment	Bands Used
E. Penna.	W3JNQ	221,555	Ranger-813		80, 40, 20, 15
MdDelD. C.	W3EIS W2HDW	217,266 157,413	Ranger-813 DX100	51J HQ140X, Heath Q mult.	80, 40, 20, 15, 10 80, 40, 20, 15
S. N. J. W. N. Y.	W2SSC	185,603	Viking II		80, 40, 20, 15, 10
W. Penna.	W3ZHQ	142,355	DX100	SX100	80, 40, 20, 15, 10
Illinois	W9IRH	177,210	Viking II	SX101	80, 40, 20, 15 80, 40, 20, 15, 10
Indiana Wisconsin	W9YSX W9RQM	146,183 198,450	VFO-807-813	75A4 HRO50T	80, 40, 20, 15, 10 80, 40, 20, 15, 10
No. Dakota	KØCNC	106,760	Heath VFO-6AG7-6146-837s	HQ100, QF1	80, 40, 20, 15, 10
So. Dakota	WØPHR	193,550	Pacemaker-814	NC183D	80, 40, 20, 15, 10
Minnesota Arkansas	WØYCR K5LNN	209,328 82,500	VFO-dblrs-807s (5 separate finals)	Super Pro RME 4350	80, 40, 20, 15 20, 15
Louisiana	W5YDC	191,625	VFO-811As	NC183	20
Mississippi	W5FPI	134,959	TBS50	S76	80, 40, 20, 15
Tennessee Kentucky	K4LPW K4GEZ	214,529 174 653	HT32 Ranger; Valiant	SX101 75A4	80, 40, 20, 15 80, 40, 20, 15 80, 40, 20, 15
Michigan	W8DUS	174,653 111,399	KW1	75A4	80, 40, 20, 15, 10
Ohio	W8LQA	198,378	VFO-807-813	HQ129X, Q mult.	80, 40, 20, 15, 10
E. N. Y. N. Y. CL. I.	W2VČB W2AYJ	111,873 166,440	Ranger-4-125A	NC183 NC300	80, 40, 20, 15, 10 80, 40, 20, 15, 10
N. N. J.	W2DMJ	184,500	DX100Subraco-75T; Collins VFO	HRO5	80, 40, 20, 15, 10
Iowa	WøVXO	191,430	DX100	HQ129X	80, 40, 20, 15, 10 46, 20, 15, 10
Kansas Missouri	KØBJR WØTDR	143,464 142,898	Ranger DX100	HQ170 75A2	40, 20, 15
Nebraska	WØNYU	131,488	Valiant	75A4, SX25	80, 40, 20, 15, 10 80, 40, 20, 15, 10
Connecticut	W1FEA	180,000	VFO-exciter-6146-7094	SX101	80, 40, 20, 15, 10 20
Maine E. Mass.	W1DEO K1COO	71,175 149,455	Millen VFO-exciter-813Viking VFO-Viking II	75A3 75A1 (mech. filter)	80, 40, 20, 15, 10
W. Mass.	K1CQO W1JYH	181,843	VFO-4-250A	Homebuilt	80, 40, 20, 15
N. H.	W1HKA	80,500	VF1-AT1	RME99	80, 40, 20, 10
R. I. Vermont	W1CJH W1QMM	126,913	VFO-807sVFO-6AG7-6DQ6-813	75A1, Q5er Homebuilt (triple conv.)	80, 40, 20, 15, 10 40, 20, 15
Alaska	KL7CRE	91,170 55,725	Ranger	Super Pro	40, 20, 15, 10
Idaho	W7WMO	51.699	DX35	NC45	40, 20, 15
Montana Oregon	W7HAH W7YKT	116,424 142,375	Valiant	HQ140X HQ129X	80, 40, 20, 15, 10 80, 40, 20, 15 10
Washington	W7YGN	167,353	DX100	NC300	40, 20, 15, 10
Hawaii	KH6IJ	104,609	HT32-4-250As	75A4	40, 20, 15, 10
Nevada Santa Clara V.	W7KEV W6UTV	188,683 156,768	VFO-807-4-65A VFO-4X150B	HQ129X 75Å4	40, 20, 15, 10 80, 40, 20, 15
East Bay	Wett	167,760	32V3	75A4	40, 20, 15, 10 8C, 40, 20, 15, 10
San Francisco	K6OPI	126,000	HT32	SX100 NC300	8C, 40, 20, 15, 10 80, 40, 20, 15, 10
Sacramento V. San Joaquin V.	K6SXA W6VPV	193,633 69,513	Ranger	75A3	40. 20
No. Carolina	K4HXF	138,361	HT32	75A4	80, 40, 20, 15 80, 40, 20, 15, 10 80, 40, 20, 15, 10
So. Carolina	W4BWZ	75,863	VFO-6AG7-6BQ6 VFO-807-4E27	SX71 75A2	80, 40, 20, 15, 10
Virginia West Virginia	W4KFC W8DIE	235,790 129,500	VFO-807-4E27 VFO-Viking II	HRO	80, 40, 20, 15, 10
Colorado	WØCDP	133,020	Valiant	NC300	80, 40, 20, 15, 10
Utah	W7BAJ	100,909 135,720	DX100 (modified)	75A4 RME 4350	40, 20, 15, 10 80, 40, 20, 15, 10
New Mexico Wyoming	W5CK W7ABO	72,562	Viking II	HQ150	80, 40, 20, 15
Alabama	K4HPR	87,763	DX35	NC98	80, 40, 20, 15, 10
E. Florida	W4LVV	138,700 104,190	310B-4-250A Lysco 600-813	HRO50T1 HQ140X	40, 20, 15, 10 80, 40, 20, 15
W. Florida Georgia	W4WKQ K4BAI	116,830	VFO-106THs	SP400X	80, 40, 20, 15
West Indies	KP4AOO	43,792	Ranger: BC610 (14 Mc.)	SX71	40, 20, 15, 10
Canal Zone	KZ5CN K6VTQ	98,340 162,768	Phasemaster 2A-P400 (g.g.amp)	Collins R-390A NC300	80, 40, 20 80, 40, 26, 15, 10
Los Angeles Arizona	K7AIH	97,020	20A-4E27s. Sig. Shifter (modified)-829	BC342 (conv. 15) HC10	80, 40, 26, 15, 10 40, 20, 15
San Diego	W6ZVQ	158,330	5100	75A3	40 20 15 10
Santa Barbara	W6ULS W5MCT	114,245 153,810	HT32-PL172 VFO-Viking I	75A1 NC303	40, 20, 15, 10 40, 20, 15, 10
No. Texas Oklahoma	W5YJS	114,835	32V2	75A3	80, 40, 20, 15, 10
So. Texas	K5LZO	156,690	HT32 Pacemaker-4X250Bs	75A4	40, 20, 15, 10
Maritime	W2ZRX/V01	$\frac{44,672}{49,445}$	Pacemaker-4X250BsVFO-6AG7-6N7-6146-813	75A4 NC125	20, 15, 10 80, 10
Quebec Ontario	VE2ADD VE3UOT	130,889	Pacemaker-Thunderbolt	75A1, Q5er	80, 40, 20, 15, 10
Manitoba	W3MCG/VE4	72,720	KW81	51J4	40, 20, 15, 10
Saskatchewan Alberta	VE5VP W7PSO/VE6	48,454 42,210	6AG7-6L6-807s HT32	S76 75A3	40, 20, 15 80, 46, 20, 15, 10
В. С.	VE7JO	87,675	6AC7s-6L6-813	Homebuilt (double conv.)	40, 20
Yukon	VE8JW	108,186	DX100	HRO60	20, 15, 10

Murphy's Law, which loosely defined means "If anything can possibly go wrong, it will," received initial QST mention in connection with the generator-weather-equipment troubles that normally keynote Field Day participation. It must now be conceded, however, that M.L. may strike even the comparative safety of the home shack, especially during contests. How many applications can you spot in Gil's cartoon? The law also explains why your first-born, your mother-in-law, or those friends unseen in 20 years arrive while the SS is on. Other grousings appear in Soapbox.



My E-bug was sticking and I burned up two 6AH6s and an assortment of resistors in the t.r. switch. To top it off, a neighbor chopped down my 40-foot wooden tower the eve of the second week end." Another Murphy's Law tale comes from WØATA: "Had to race to the hospital at midnight the first Saturday to beat the stork with our first-born, and my mother-in-law came the second week end to live in our small apartment. Tell the boys who had equipment failures they were fortunate." You boys who had equipment failures were fortunate.

Pumping the key at University of Toronto's VE3UOT, VE2NI relied on a 750-watt Johnson rig to amass 899 QSOs and 130,889 points and lead theVE/VO bunch on both counts. VE3DSU's 115,575 and VE8JW's 108,186, latter registered in chilly Whitehorse, rounded out Canada's six-digiters. Just VE3UOT and VE7CQ qualified for the perfect multiplier of 73. Clunker calls notwithstanding, Yanks W2ZRX/VO1, W3MCG/VE4, W7PSO/VE6 mopped up in three of the eight Dominion Sections.

In the Possessions, renowned contester KH6IJ seized Hawaii with 104,609 points, KZ5CN got 98,340, KL7CRE 55,795, KP4AOO 43,792.

Sorted by descending order of score, the code leaders line up as follows: W4KFC 235,790, W3JNQ 221,555, W3BES 220,643, W3EIS 217,266, K4LPW 214,529, WØYCR 209,328, W3GAU 204,583, W3GHM 201,028, W9RQM W3ALB 196,370, 198,450, W8LQA 198,378, W3FYS (multiop) 194,185, K6SXA 193,633, 193,550, W5YDC 191,625, WØPHR WØVXO 188,888, W7KEV 191,430, K5DGI188.683. W2SSC K9CAN 187,793, 185,603, W2DMJ184,500, W3KLA 184,051, W9LVR/9 183,230, W3TMZ/3 (he got married and moved) 183,060, W3AEL 182,880, W1JYH 181,843. For statistical kicks, howdja like to have those 26 in your club?

A record 104 sharpshooters landed the 73section perfect multiplier: W18 BIH BOD DEO EOB JSM JYH UBC VG, W28 AYJ EMW FZY GND GSJ NOY PRE SSC VCB, K28 CPR IAD LGN OMT, W38 ALB BES BQA CPS DBX EIS

These two yearlings give early promise of becoming SS VIPs. At left is KN5PFL of Southern Texas, the contest's top Novice scorer with 31,608 points and 270 QSOs. On the right we have Indiana's KN9PDH whose 19,635-pointer ranked second among the WN/KN/WV clan.





May 1959 55



In the Northwest, W7YGN (left) walked off with Washington while W7YKT (below) was performing identically in Oregon. The youngster's score-contact totals were respectively 167,353-933 and 142,375-861.



EQA EVW FYS GAU GHM GQF GRF GRS HHK IYE JNQ KLA KT LEZ MFJ QMZ VAN WG WJD WSF WV, K3s CBQ CIO CYA GUR, W4s CVI GF JAT KFC LVV PRO RPZ RQR ZM, K4s GEZ LPW, W5s DRW FPI YDC, K5s DGI JZY, W6s HOC JVA ULS UTV, K6s GS SXA, W7s PQE YGN, W8s DQG LQA RSW SDJ TJQ ZJM, W9s DYG FDX GFF GRF KLD KXK KZZ LNQ LVR/9 PZT YSX ZAB ZRG, K9s CAN ELT, W0s CXN FZO TDR YCR, VEs 3UOT 7CQ, KH6IJ.

Here are the 24 Novice winners: KN3DJN KN2JXF KN9OUU KN9PDH KN9LWV KNØOLM KNØQMU KN5OPM KN5RFL KN8KNT KN2QBD KN2POB KN4UUH KNØPVJ **KN1GTW** WV2BDV KN1HTV KN6ROU KN4SSM KN50WH KN7CEO KN4ZRU KN6TUN KN5PFL.

### Soapbox

"It was interesting to see what could be done when the rig held together for a change. Put on the wrong antenna sometimes but this made no difference to KH6IJ and others as conditions were sizzling hot. Didn't beat the bushes for



KP4AIO on 14 Mc. and paid for it. One Idaho in 8 SS's. Next year I'm going to have an antenna that will singe the trees here!"—W1RAN..

"Hope I did better than in '57 when I was 1346th nationally, hi. Happy to hook WØBLZ and W3GAU for my 47th and 48th states." — K9HCP. . . . "My log represents ten hours and two minutes of the most fun I've had since becoming a ham in January, 1958. It also represents one tired fist (a straight key is no match for a bug no matter how fast you can send), one tired finger (the log had to be typed), two ringing ears and one splitting head (I've just gotta get a looser-fitting pair of earphones).

Thanks for sponsoring this worthwhile activity which builds such high-ranking proficiency."—K2KUA....."500 QSOs and no Maine! My head hangs in shame. Sob."—W1MIX.... "Why must those long lost friends call on a guy just on those two week ends?"— $K\emptyset PML....$  "Been punching at the SS since '32 when I won in E. Pa. One of these days I'll crack the 1000 mark and retire."—W3ARK.... "My mother showed unprecedented interest in ham radio by asking, 'When's this thing over?'"—

W6UQC... "This rat race gets better and better but even with Operating Aid Six I goofed on a few. WOE is me!" — W2WOE.

"I jumped to 82,500 points over my '57 Novice score of 426, but filling out the log was a most unpleasant task. I made 22,500 above my goal and in '59 I'll try for more. Thanks for making this wonderful contest possible. K5LNN. . . . "Last time I had 91,433 points, recopied the station log into smooth form in many evenings of longhand, then forgot to mail it! That explains the carbon copies." W8TJQ. . . . "What a contest! After several phone tries this is my first c.w. entry and by far the best of them all. How else can you land WAS and 69 sections in four days of one-band operation? Twenty meters was really fantastic. Hats off to the ARRL Staff for making this marvelous event possible!"— K2BWR. . . . "Last one for a while due to college. I squeezed about everything out of the 1625s but not enough to equal the all-band boys. Conclusion: It can't be done on 80 and 40 alone." — W8FNI. . . . "Really had a ball working every state except Vermont. With 30 watts, ten and 20 came through with the western sections to improve my '57 score by 233 per cent." -K2UZJ. . . . "To keep an accurate account, I used a spare electric clock plugged in only when actually operating. I've never before heard of this method. Is it old stuff?" -W9FDX. . . . "I had hoped to work all 73 and score 100.000 and, this accomplished, I am retiring (until next year). The Frankford Radio Club issues a certificate for working 25 of its members. Checking my log for the few needed to qualify, much to my surprise I found a total of 27 of them contacted on c.w. I think Frankford should be commended for being such an active organization of topnotchers." - W3BQA.

"Thought I'd dabble around and perhaps pick up the few remaining states but soon I was completely engrossed in the spirit of the thing. The operating tactics on 14 Mc. were swell. 'Though a ham since '38 and a commercial air-line of five years, I learned many new tricks. A wonderful experience.'" — W5HHE. . . . "QRP disappointing on 20 but 40 was fabulous. Never again without perfect one-switch control." — K6BEP. . . . "Where was New Hampshire? More than doubled the '57 score due to more time and sections and better operating position but noted little QSOs-per-hour improvement. The Tattoo (a break-in system, August 1956 QST) functioned FB. Now if I can just double my score in '59 and again the year following!"— K9DWG. . . "I found out right quick that the SS is no place for an SW-3." — KØDCF. . . "Starting a 700-calorie diet two days before does not make one sharper. H.v. arc in nearby TV set killed my communications receiver good." — W6VNQ. . . "Really enjoyable although quite a change from my Alaska operations. Surprised at the performance of the 25-watt portable rig in picking up 37 states toward WAS at the new location." — W44MP

(ex-KL7BPK)... "Didn't break any records or come close to the leaders but got some real operating pleasure. Expect to enjoy many more of these annual band-scramblers." — W20WX... "Spent as much time filling out the sheets as operating. Would like a robot logger for the next one." — K4MUP... "Not much homework got done but it was the best SS in my three years of experience. Sigs clean and operators excellent." — K2QIX. "Since '54 as WN#TDR I have participated in each SS.

Working all 73 this time has given me a thrill I'll never forget. QST back issues reveal this has never before been done from Missouri so don't blame me if I throw out my chest a little. The first week end was devoted to trying for the harder sections on 15 and 20; the second, with six states and West Indies lacking, mainly to 40 where more QSOs could be made. When W3HHK told me about KV4AA I immediately shifted to 14 Mc, to land the 73rd, Eureka! A suggestion: With scores increasing tremendously each year, one week end should be ample. Surely more ops would participate except that they cannot arrange for both periods. I really believe it would improve competition among the top c.w. men."— K2LZW. [In '48 ARRL announced an SS so patterned but did a fast reversal after cries that: (1) score-contact-club totals would no longer be comparable; (2) year-to-year improvement wouldn't be measurable; (3) an ionospheric disturbance might wreck the SS for everyone; (4) chances of grabbing all sections, a popular side project, would be decreased, as would the newcomer's WAS opportunities; (5) no one need kill himself with a maximum 40 of



A score of 184,500 netted Northern New Jersey plaudits for W2DMJ. Frank has signed that call since '31, is active in RACES and other civil defense work, and may be heard on the bands 160 through 2, c.w., a.m., p.m. and s.s.b.

the 66 stretch usable, 26 hours remaining for sleep, chow, church, family, etc.; (6) no one has to operate 40 hours anyhow; (7) the tabulations carry a time-on-air figure enabling those unable to work full time to make their own comparisons; (8) the 'wheels,' many of whom average over 40 QSOs per hour at the start, would probably win by a larger margin in a shorter contest. — W1ZDP] "I seem to have survived my first SS. A poor receiver, a

"I seem to have survived my first SS. A poor receiver, a sick v.f.o., an ailing transmitter, stirred up with a great deal of school work doesn't mix into a cocktail befitting a decent score. Even managed to goof up my serial numbers. The summary is correct and true 'though (I hope). Will be improving the station and looking forward to many more SS's." — K6SXX. . . "Started out searching for all sections but simply couldn't resist answering all those CQs." — K5IDZ. . . "Everything FB except for a tube socket falling apart and a receiver bandspread failure forcing use of the 1:1 direct drive. Crystal control doesn't help a person win either. Hope to give the boys a go in the future

British Columbia went to VETJO and his vertically-oriented station. Art doffs his hat to the many fine operators contacted, noting "speed with courtesy seemed much in evidence this year." How many OTs recognize that piece of gear in the upper right corner?

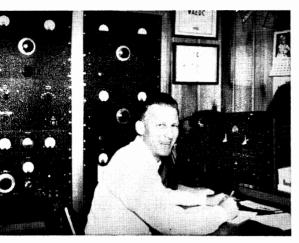
with v.f.o. and a 21-Mc. wire with s.w.r. better than 27:1. Now back to the relatively quiet life of chasing DX on 40 c.w." — K2UBW. . . . "There should be few complaints about North Dakota activity with WBEOZ making over 500 QSOs, KWCVC 200, W9NLJ/W 'DXpeditioning' here, and my greatest effort so far. Happily, Murphy's Law was not in effect. My beautiful 50-foot pole did not collapse until the day after the SS in an ice windstorm. Operating seemed better but there is still much time-consuming, unnecessary repetition." — KWCNC. . . "Would have broken 100,000 but had to QRT the final night to study for calculus exam. These contests are rough on engineering students." — W4HBK (W4JLW op).

"When November QST arrived I immediately ordered a v.f.o. sent special delivery (bless the Heath Company for fast service!) and finished adjusting it minutes before. Still haven't put all the screws in the thing. Took an hour off for church where they had trouble with a ciphering pipe organ. Could have sworn it went 'dahdidahdit dahdahdidah dididit ! dididit' during the sermon." — W2SXV/2.... with many difficulties, including equipment malfunctions and hooking K7AXO on his CQ DX for my 73rd, I still find the SS one of the most stimulating and challenging of the many ARRL activities." - W3WJD. . . . "Heard several stations giving numbers around 1000 early Sunday P.M. so there should be some whopping, record-breaking scores. Was especially pleased to work W7BAJ and W7HRM to finish WAS and KX6CW for a new country. Now if they only QSL!"—K2DXV... "While everyone else was smoking and drinking coke and coffee, I went through one lb. of cookies, one lb. of mixed nuts, and ½ lb. of candy. Thanks to all those who repeated preambles while I munched noisily." - K6RFT. . . . "Have been in nearly every one of the 25 holdings and this one seemed to be a peak for activity with operation around the clock on 14 Mc. and even 21 Mc. adding to the totals. Often before I have missed only one section but for the first time I got them all. Not the distinction it used to be, perhaps, but still very gratifying to me." — W3LEZ. . . . "The goal was 100,000 with 50 watts and was going great until I took a short rest, forgot to set the alarm, and slept through the last five hours of the contest." - W1KGJ.

"Since I use a kw. all year and if they don't come back the antenna has fallen down, I thought it might be more sporting to enter with my HT-18 v.f.o. which puts out 1.3 watts on 28, 14 and 7 Mc. and 1.8 watts on 21 Mc. Antennas are dipoles and 28- and 14-Mc. beams. Working with a peanut whistle calls for perseverance and an entirely different technique.

- 1. Look for stations just finishing an exchange and sending a fast QRZ. It's a waste of time calling CQ or answering a long CQer.
- 2. Answer the stronger stations.
- 3. Best results are obtained during the waning hours when the big guns are searching around for contacts.





WØYCR administered a 209,328-point shellacking to Minnesota contenders, became the first Zero to transcend 200K. Bill owns five completely bandswitched 150-watt finals, two 807s in each, and a very pretty fist.

(During the opening two hours I almost lost faith. Beaucoup calls, no answers.)

Biggest thrill was raising KX6CW on ten meters. Had the time of my life." — W3KDD.

"Pushed for 100,000 but fell short because of various operating inconveniences. Need right and left foot pedal switches, a gross of right-handed pencils and a left-handed bug." — W6PZH. . . . "The rig did a respectable job but it became obvious a t.r.-switch and more comfortable operating position were required. The old back and seat got awfully tired and the call KØKWR/Ø was a real killer. Worked 45 states and 61 sections but just couldn't find Miss., W. Va. or Vermont, Hope to double the score and take Missouri in '59." —  $K\emptyset KWR/\emptyset$ . . . . "Good practice at copying through QRM but why do some Generals park in the middle of the Novice band and block the whole works? Great fun anyhow." — KNØOLM. . . . "A delightful SS. because I finally hit 73 sections after four years of trying. For me with a measly (by Potomac Valley Radio Club standards) 666 contacts it was a maximum effort. Some day I'm going in one of these things just for the fun of it and not because a gavel is hanging on each contact." — WAZM. . . "It was my first SS and I was amazed at the amount of interest. I will be back with a v.f.o., more power and a bug. Never again with a straight key!" - K8LUS. . . "My second try in the king of all contests. Score of 43,313 was a sharp improvement over '57's 630 points." - K1IPI. . . . "How about an extra multiplier for us high school kids who have to explain sleeping in class to the teachers?" K4DAS. . . . "W4KFC told me once that anyone who goes over 900 contacts in the SS is somewhat nuts. He was

right." - W1JYH. "My age is 11. Am I the youngest ham to get over 4000 points?" - K2MIG. [No. Ten-year-old KN2POB took the N. Y. C.-L. I. Novice certificate with a score of 10,050. W1ZDP]. . . . "Be back with General and v.f.o. to quadruple my score." - KN3DJN. . . . "Sincerest thanks for every fun-packed minute and will return in '59 to break all existing records!" - K2IMK. . . . "After a certain Novice had sent most of the dope I asked him for the date. He came back, 'Don't you have a calendar?'" — W4BUU. . . . "One crystal, five watts output, a loose antenna connection and lots of QRM = 135 points. Do I qualify for the booby prize?" - KN8MGK. . . . "I used the two-tube regen and the one-tube 25-watt 80-meter rig which I built from instructions in How to Become a Radio Amateur and one 3645-kc, crystal, I don't claim any outstanding record but it does show that something can be done with a very simple outfit. Novices, take note."— K9JPS....
"Where was W9IOP?"— K1CCA.... "Just stick around long enough and Vic (W4KFC-W1EOB-W1TYQ) tory will be yours." - WSUE. . . . "Recommend that smokers keep a candle burning at the operating position to permit light-up and avoid nicotine fits during QSO."—W1FGF. . . . "No big score but had fun trying and won't miss another. Some day hope to beat W8LQA." - K8GWK. . "Absolutely no assistance, no spotting, no logging, no telephone help, no intercom. This vehement insistence on 'no help' stems from one poor loser's increasing suspicions that some of the brethren are not playing the game fairly. It is supposed to be a hobby." — W3CPS.

"This is a U. S. A.-Possessions-Canada contest. Every one of these locations can be contacted on 3.5 or 7 Mc. Why clutter up the DX bands of 14, 21, and 28 Mc. with Sweepstakes garbage? I can also well imagine what some DX stations think. No wonder you can hear them call CO NO W. After hearing the rat race we call a contest, they think we are nuts. I'm not too sure they haven't got something there." — W9ABI. . . . "Once a year it doesn't hurt anybody to go wacky, so please ignore the bluenoses and set up another madhouse in '59! Suggest a multiplier of 0.5 for anyone who uses a CQ SS longer than 3  $\times$  3. These 20  $\times$  10 calls drive us all batty. On second thought no 0.5 multiplier is needed. Long calls are an automatic score reducer.' W3NNL. . . . "Fabulous! Had a ball. Let's have more contests. How about having the SS twice per year?" K2PGB. . . . "I wore right through the paint on the panel where the transmit-switch is. Never again without full break and a foot-operated v.f.o. spotter-switch." — W3VDV. . . . "KL7, Ark., S.J.V., Wyo., Idaho, Sask. seemed scarcest. Pulled VE5YJ off ten phone for number 73, then after all that effort worked VE5DZ an hour later on 14 Mc." - W9KLD (ex-KL7CDF). . . . "What a pile-up on VE6NX!" - W3UGV. . . . "I don't know why but this one just didn't appeal to me. Murphy and his law didn't even show. Think I'll stick to Field Day and CD Parties." - K9JIN. . . . "Copying the log is a large job but necessary after the flop of the carbon-copy method last year. Too messy." - W3GYP.

"Never had so much fun. I made more QSOs in this SS than in my whole Novice year!" - W2RZK. . . . "I got all shook up when I got 589 from F8MG on 40 with only ten minutes SS time lost. Too bad France isn't a section. When I have my General and v.f.o. you will see some sparks fly, hi hi. 73 and long live the SS!" -- KN1HTV. . . "A good example of the power-vs.-multiplier argument is the result between WøWWA and myself. We both operated the limit, and with a kw. I had 155 more QSOs than he but was edged out with the multiplier afforded his DX-100. I'm not griping. In fact, it was so close I think the 1.25 multiplier is just about right." —  $K\emptyset ITF$ . . . . "Two terrific week ends. Conditions, especially on the higher frequencies, were about as good as one could ever hope for." W9KZZ. . . . "This year I kicked the OM (W1SAD) off the air and had the rig to myself. The score proves he is the better op so next year he gets the rig." — Marie, W1COL. . . . "Please place more emphasis on keeping a running check list to eliminate time lost in replying to stations already worked. Can't a penalty system be set up For such actions? Some called me four and five times. Despite my efforts, one duplicate still crawled into my list."  $-W\phi CXN...$  "Spent too long digging for sections to run up a big score but got all 73 for the second time in a row, this time on 14 Mc. only. Conditions were excellent and QRM terrific, especially with my ancient receiver. - W2EMW.

"Boy, what QRM. 'Twas wonderful. On 40 the band was solid six deep for hours on end and don't know how some guys were able to pull 'em out of the mud. As usual the most consistent sigs were W4KFC, W3TMZ/3, W1JYH, W1EOB, W3BES, W3GHM."—W2GP.... "Worked 72 sections the first period and without prearrangement got S.C. in the first eight minutes of the second leg, although I had a 9 r.m. sked just in case. No one runs up a score by looking for sections."—W2FZY.... "Wonderful conditions prevailed throughout. Until late the second Sunday thought Arkansas had seceded from the Union, hi."—W1HKA.... "How could I ever miss Idaho when it's so close!"—W7LEV.... "It seems that any time I try this contest we have hurricanes, plumbing or power failures, dry wells, lost antennas, poor connections in the setup, etc. This one was no exception. Had a terrific blow and lost a 45-foot 4 × 4 mast and was feeding 100 watts of

W3JNQ relaxes happily after grueling battle for Eastern Pennsylvania and Frankford Radio Club certificates and second high national tally. Licensed since '41, Dick likes contests and DX, is presently E. Pa. Section Communications Manager.

r.f. into the Atlantic Ocean for an hour. Was wondering why I wasn't making any contacts. Those pi-nets will load anything, even the ocean." - VE1AR. . . . "Guess I will never get too old to enjoy the SS. Bought a new HQ-170 the day before and learned to use it during the contest. Now a decent antenna and maybe the fellows will hear me better." — W9WEN. . . . "Swell contest but missed the clean sweep again. Where was S.C.? How about SCMs in some of these hard ones stirring up some activity?" -W6CIS. . . . "1956, 'way down in Connecticut; 1957, 12th; 1958, 4th or 5th? Worked 81 W4/K4 stations but no

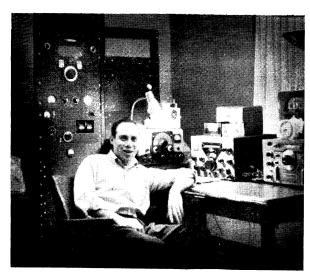
S.C." — WIECH.

"The way everyone kept away from us, we must have fother on teams on?"— B.O. Were there any other father-son teams on?' KN3DUX and KN3DUY. . . . "An orchid to W3MCG/ VE4 for the Manitoba multiplier and my nomination for the worst call." — W7QLH. . . . "The best yet, with good conditions and competition sharp. We should have these SS tests twice a year." - KH6HAA. . . . "Will return with new receiver and antenna farm for top score or bust!" - K8HLE. . . . "When I snagged Idaho for my 73rd it made all the time spent on 20 and 15 worth while. Pleased with the general high level of operating but some stations had bad clicks." - W2GSJ. . . . "The newcomers certainly should be commended for their fine operating. A great turnout of Novices." — W8ZAU... "Got Wyoming for my 48th." — K2QYL... "Since I couldn't be on the first week end, thought it might be interesting to try for 73 sections in 73 QSOs. It was!" - W6HOC. . . . "My first contest of any kind and even though I made a poor showing, judging from some transmissions heard others did worse. I was 'forced' into it because joining was the only way to get a contact. Once in there was nothing left but to continue. Believe techniques were learned which will help with the next one. While working as a General will be fine, the competition will surely be tougher. I'm game to try anyhow.' kN3DIJ. . . . "Poor planning. The XYL delivered a baby boy the second week end!" — K3CBQ. . . . "The 25-watt QRP made the going slow but got my 25 w.p.m. code proficiency sticker as a result." - W3HRE.

"It's over, thank goodness! My legs are frozen from the basement floor and there were too many interruptions. Three sick kids and I spent three days in bed with flu between week ends. 'Twas as rough a one as I ever went through. Never again, till the next SS!" - W9RCJ. . . . "One day I will finally take W.N.Y. I am 16 and have scored 100K twice already. With secrets stolen from JNQ, IOP and others, I expect to break 7 or 8 million soon."—

K2MWK.... "Wow, what a contest! Insofar as I can tell I'm about 6th in the section and here I went and got me over 1000 QSOs. The harder you chase the Md.-Del.D.C. gang, the faster they run. Guess my only hope of winning an award is to move back to W8-land." — W3KLA (ex-W8QOL). . . . "FB conditions throughout. Now let's try to pick a comparable week end for ARRL Field Day some time." — W80YI. . . . "Celebrated my 25th anniversary in ham radio during the 25th SS. My only suggestion is that some special dispensation be given us 'poor preachers' who find the contest coming at the busiest time in our week. Perhaps a special multiplier of ten or an extension including some midweek holiday or a letter to our congregations advocating off-time in November would help. Seriously, I enjoyed every hectic moment. I learned how rusty I was at message procedures and how unskilled at rapid sending, but rediscovered the fact that amateurs are among the most completely cooperative human beings alive. Congratulations to ARRL on this one of many outstanding contributions to the hobby. I hereby promise not to wait another 25 years before loosening up the fist and burning the midnight oil." - W8JUP.

The final tabulations of phone and club winners are now being prepared. We'll spill the beans in June QST.



### C. W. SCORES Twenty-Fifth Sweepstakes Contest

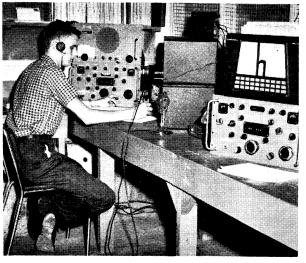
Scores are grouped by Divisions and Sections. . . . The operator of the station first-listed in each Section is award winner for that Section unless otherwise indicated. . Likewise the "power factor" used in computing points in each score is indicated by the letter A or B. . . . A indicates power up 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: W3JNQ 221,555-1215-73-A-39, or final score 221,555, number of stations 1215, number of sections 73, power factor of 1.25, total operating time 39 hours. . . An asterisk denotes Novice certificate winners in sections where at least 3 Novice logs were submitted. . . . Multioperator stations are grouped in order of score following single-operator station listings in each section tabulation.

ATLANTIC DIVISION  Eastern Pennsylvanta W3JNQ221,555-1215-73-A-39 W3BES220,643-1210-73-A-40 W3GHM.202,028-1107-73-A-6	W3MFW.144,540- W3LEZ143,080- W3WJD131,856- W3KFQ131,400- W3EQA129,210- W3KT128,115-	785-73-A-31 725-73-A-37 730-72-A-35 716-73-A-30
W3GHM . 202,028-1107-73-A-38	W3KT128,115-	702-73-A-31
W3ALB . 196,370-1078-73-A-40 W3CPS 169,543- 960-73-A-38	W3ARK. 126,822- W3WKX 124,100-	730-68-A-39
W3HHK . 158,501- 869-73-A-39 W3MWC . 146,970- 834-71-A-40	W3GYP121,958- W3BQA110,230-	

Using only 14 Mc., Louisiana's W5YDC ticked off 1063 exchanges in 73 sections for 191,625 points and all-time high W5 and one-band score. Novel QSL display features SS cards sorted by ARRL Divisions and Sections.



May 1959 59





Rare multipliers were dispersed by two former W's now hanging out in the Possessions. Left is KZ5CN, who was able to borrow those two snazzy Collins R-390 receivers for the contest. KL7CRE, the gentleman above, a Philco TechRep in Alaska, was snapped studying his SS QSLs.

KZC5CN is ex-WØMVH and KL7CRE ex-W8FGB.

WACDG	110 049 609 79 4 9	
WOCHES.	.110,040- 000-10-A-0	
W3EAN.	.109,624- 640-69-A-3	L
W3AFF	. 108.290- 641-68-A-39	•
WALOO	100 975 610 71 4 9	í
Wardo.	. 100,273- 010-71-A-3	
W3BB	. 107.920- 608-71-A-32	•
WIZGOH	107 210 604-71 A 40	`
WOSCHI.	. 101,210- 004-71-A-40	,
W3DQG.	. 105.080- 592-71-A-40	)
WILLIAM	05 812 525-72-A-2	í
TTTOTTTTTT	00,010- 020-10-A-0	•
W31XN.	91,770- 532-69-A-38	•
W3DVE	92 565- 563-66-4-	_
WOLLDY.		
W3VDV.	91,350- 653-70-B-39	,
W3EER.	91.120- 536-68-A	-
MAN TOX	00 000 519 71 4 9	
WOALDE.	30,000- 312-71-A-2	
W3HHA.	89,278- 533-67-A-40	)
W3DVC	77 080- 507-61-4-99	2
WOLLD I	75 015 514 50 A 06	?
WSKDF.	75,815- 514-59-A-28	•
W3ISE	74 800- 440-68-A-34	l .
WACED	74 200 520 56 4 2	
waccab.	14,200- 000-00-A-0	,
W3NNL.	73.048- 482-61-A-30	)
W3CSS	71 100- 452-63-4-10	1
TZZATI		ί.
MOALD.	00,000- 400-00-A-32	•
warcv.	65,993- 419-63-A-3	l
W3YLL	63 550- 411-62-4-34	3
Wabby	29 510 940 70 A 0	ŕ
WODDA.	ua,a10- 348-/3-A-3	r
W3DAO.	63,350- 362-70-A-35	?
M3COO	60 549 251 60 A 20	
Woodow.	00,040- 001-00-A-00	•
K3DKC.	56,695- 396-58-A-3	5
W3CGS	55 025- 310-71-4-9	•
TITOTALIA		₹
warnn.	34,900- 344-04-A-4	,
W3WHK	53.763- 391-55-A-3	3
WIRVY	50 220 206 69 4 2	ĩ
WODIA.	00,020° 200-00-A-0	•
W3NHX.	46,020- 312-59-A-3	2
W3KVO.	42.840- 272-63-A-2	1
WALLE	40 020 276 50 A 1	5
WOADE.	40,020~ 270-38-A-1	•
K3AHT.	40.000- 400-40-A-2	0
W3BUR	36 000- 300-60-13-9	1
TITO DO A TO	34,400 055 40 4 1	÷
		•
WOI 111 .		
W3NOH.	33.600- 280-48-A-	Ŗ
W3NOH.	33,600- 280-48-A-	8
W3NOH.	33,600- 280-48-A- 32,400- 300-54-B-2	8
W3NOH. K3ALL. W3ABZ	33,600- 280-48-A- 32,400- 300-54-B-2 30,600- 255-48-A-2	8 7 1
W3NOH. K3ALL. W3ABZ. W3ZBN	33,600- 280-48-A- 32,400- 300-54-B-2 30,600- 255-48-A-2 28,373- 291-39-A-2	8 7 1
W3NOH. K3ALL. W3ABZ. W3ZBN.	33,600- 280-48-A- 32,400- 300-54-B-2 30,600- 255-48-A-2 28,373- 291-39-A-2	8 7 1 4
W3NOH. K3ALL. W3ABZ. W3ZBN. W3VXP.	33,600- 280-48-A- 32,400- 300-54-B-2 30,600- 255-48-A-2 .28,373- 291-39-A-2 .27,545- 170-65-A-2	8 7 1 4 5
W3NOH. K3ALL. W3ABZ. W3ZBN. W3VXP. K3CTS.	33,600- 280-48-A- 32,400- 300-54-B-2 .30,600- 255-48-A-2 .28,373- 291-39-A-2 .27,545- 170-65-A-2 .26,125- 209-50-A-2	8 7 1 4 5
W3NOH. K3ALL. W3ABZ. W3ZBN. W3VXP. K3CTS. W3RHP	33,600- 280-48-A- 32,400- 300-54-B-2 30,600- 255-48-A-2 28,373- 291-39-A-2 27,545- 170-65-A-2 26,125- 209-50-A-2	8 7 1 4 5 9
W3NOH. K3ALL. W3ABZ. W3ZBN. W3VXP. K3CTS. W3BHP.		8 7 1 4 5 9 4
W3NOH. K3ALL. W3ABZ. W3ZBN. W3VXP. K3CTS. W3BHP. W3ZC.		8 7 1 4 5 9 4 9
W3NOH. K3ALL. W3ABZ. W3ZBN. W3VXP. K3CTS. W3BHP. W3ZC. W3JPW.	33,600 280-48-A 32,400 300-54-B-2 30,600 255-48-A-2 28,373 291-39-A-2 27,545 170-65-A-2 23,513 172-55-A-1 23,288 207-45-A-2	8 7 1 4 5 9 4 9
W3NOH. K3ALL. W3ABZ. W3ZBN. W3VXP. K3CTS. W3BHP. W3ZC W3JPW.	33,600-280-48-A 32,400-300-54-B-2 30,600-255-48-A-2 28,373-291-39-A-2 27,545-170-65-A-2 26,125-209-50-A-2 23,870-175-56-A-2 23,513-172-55-A-1 23,288-207-45-A-2 90,396-167-40,A-3	8714594902
W3NOH. K3ALL. W3ABZ. W3ZBN. W3VXP. K3CTS. W3BHP. W3ZC. W3JPW. W3EFY.	33,600 280-48-A 32,400 300-54-B-2 30,600 255-48-A-2 28,373 291-39-A-2 26,125-209-50-A-2 23,870 175-56-A-2 23,870 175-56-A-2 23,870 175-56-A-2 23,288-207-45-A-2 20,396 167-49-A-3	871 459 490 20
W3NOH. K3ALL. W3ABZ. W3ZBN. W3VXP. K3CTS. W3BHP. W3ZC W3JPW. W3EFY. W3QKV.	33,600 280-48-A- 32,400 300-54-B-2 30,600 255-48-A-2 28,373-291-39-A-2 27,545-170-65-A-2 28,125-209-50-A-2 23,870-175-56-A-1 23,288-207-45-A-2 20,396-16-49-A-3 15,730-143-44-A-1	8 7 1 4 5 9 4 9 0 2 6
W3NOH. K3ALL. W3ABZ. W3ZBN. W3VXP. K3CTS. W3BHP. W3ZC. W3JPW. W3EFY. W3QKV. W3QKV.		8 7 1 4 5 9 4 9 0 2 6 0
W3NOH. K3ALL W3ABZ. W3ZBN. W3VXP. K3CTS. W3BHP. W3JPW. W3JPW. W3JPW. W3EFY. W3QKV.	33,600 280,48-A 32,400 300-54-B-2 30,600 255-48-A-2 28,373 291-39-A-2 27,545 170-65-A-2 26,125 209-50-A-2 23,870 172-56-A-1 23,288 207-45-A-2 20,396 167-49-A-3 15,730 143-44-A-1 14,500 145-40-A-1	8 7 1 4 5 9 4 9 0 2 6 0 0
W3NOH. K3ALL. W3ABZ. W3ZBN. W3VXP. K3CTS. W3BHP. W3ZC. W3JPW. W3EFY. W3QKV. W3MDE. W3KFK.	33,600-280,48-A 32,400-300,54-B-2 30,600-255-48-A-2 28,373-291-39-A-2 26,125-209-50-A-2 23,870-175-56-A-2 23,870-175-56-A-1 23,288-207-45-A-2 20,396-167-49-A-3 15,730-143-44-A-1 14,500-145-40-A-1 14,385-137-42-A-2	8714594902600
W3NOH. K3ALL. W3ABZ. W3ZBN. W3VXP. K3CTS. W3BHP. W3ZC. W3JPW. W3EFY. W3QKV. W3MDE. W3KFK. W3HNE.	.33,600 - 280-48-A .32,400 - 300-54-B-2 .30,600 - 255-48-A-2 .28,373 - 291-39-A-2 .27,545 - 170-65-A-2 .26,125 - 209-50-A-2 .23,870 - 175-56-A-2 .23,513 - 172-55-A-1 .23, 288 - 207-45-A-2 .20,396 - 167-49-A-3 .15,730 - 143-44-A-1 .14,500 - 145-40-A-1 .14,355 - 137-42-A-2 .14,256 - 200-36-B-1	87145949026008
W3NOH. K3ALL. W3ABZ. W3ZBN. W3VXP. K3CTS. W3BHP. W3ZC. W3JPW. W3EFY. W3QKV. W3MDE. W3KFK. W3HNE. W3KFK.	33,600 280,48-A 32,400 300,54-B-2 30,600 255-48-A-2 28,373 291-39-A-2 27,545 170-65-A-2 26,125 209-50-A-2 23,870 175-56-A-1 23,288 207-45-A-2 20,396 167-49-A-3 15,730 143-44-A-1 14,500 145-40-A-1 14,355 137-42-A-2 14,256 200-36-B-1	871459490260081
W3NOH. K3ALL. W3ABZ. W3ZBN. W3VXP. K3CTS. W3BHP. W3ZC. W3JPW. W3EFY. W3QKV. W3MDE. W3KFK. W3HNE. K3ACD.	33,600-280-48-A 32,400-300-54-B-2 30,600-255-48-A-2 28,373-290-39-A-2 27,545-170-65-A-2 26,125-200-50-A-2 23,513-172-55-A-1 23,288-207-45-A-2 20,396-187-49-A-3 14,500-145-40-A-1 14,500-145-40-A-1 14,500-145-40-A-1 14,500-145-40-A-1 14,256-200-36-B-1 14,256-200-36-B-1 14,256-200-36-B-1 14,256-200-36-B-1 14,256-200-36-B-1 14,256-200-36-B-1 14,256-200-36-B-1	8714594902600814
W3NOH. K3ALL. W3ABZ. W3ZBN. W3VXP. K3CTS. W3BHP. W3ZC. W3JPW. W3EFY. W3QKV. W3MDE. W3KFK. W3HNE. K3ACD.	$\begin{array}{c} 33,600-280-48-A\\ 32,400-300-54-B-2\\ 30,600-255-48-A-2\\ 28,373-291-39-A-2\\ 27,545-170-65-A-2\\ 26,125-209-50-A-2\\ 23,870-172-56-A-2\\ 23,513-172-55-A-1\\ 23,288-207-45-A-2\\ 20,396-167-49-A-3\\ 15,730-143-44-A-1\\ 14,350-145-40-A-1\\ 14,256-200-36-B-1\\ 14,065-198-29-A-2\\ 14,1000-20-A-1\\ 14,1000-200-28-A-1\\ 23,14,000-200-28-A-1\\ 23,14,000-200-28-A-1\\ 23,14,000-200-28-A-1\\ 24,12,1000-28-A-1\\ 24,12,12,12,12,12\\ 24,12,12,12,12\\ 24,12,12,12\\ 24,12,12,12\\ 24,12,12,12\\ 24,12,12,12\\ 24,12,12,12\\ 24,12,12,12\\ 24,12,12,12\\ 24,12,12\\ 24,12,12,12\\ 24,12\\ 24,12\\$	87145949026008140
W3NOH. K3ALL. W3ABLZ. W3ZBN. W3ZBN. W3CTS. W3BHP. W3ZC. W3JPW. W3GEYY. W3GKV. W3MDE W3KFK. W3HNE. K3ACD. W3JSA/%.	33,600-280,48-A 32,400-300,54-B-2 30,600-255-48-A-2 28,373-291-39-A-2 27,545-170-65-A-2 26,125-209-50-A-2 23,870-175-56-A-2 23,870-175-56-A-1 23,288-207-45-A-2 20,396-167-49-A-3 15,730-143-44-A-1 14,360-143-44-A-1 14,365-200-36-B-1 14,055-198-29-A-2 3,14,000-200-28-A-1 13,395-114-47-A-2	87145949026008140
W3NOH. K3ALL. W3ABZ. W3ZBN. W3VXP. K3CTS. W3BHP. W3ZC. W3JPW. W3EFY. W3QKV. W3MDE. W3KFK. W3HNE. K3ACD. W3JSA/3W3NCW.	33,600- 280-48-A- 32,400- 300-54-B-2 30,600- 255-48-A-2 28,373- 291-39-A-2 27,545- 170-65-A-2 26,125- 209-50-A-2 23,870- 175-56-A-2 23,513- 172-55-A-1 23,288- 207-45-A-2 20,396- 167-49-A-3 15,730- 143-44-A-1 14,500- 145-40-A-1 14,256- 200-36-B-1 14,065- 198-29-A-2 3,14,000-200-28-A-1 13,395- 114-47-A-2 11,503- 107-43-A-1	871459490260081402
W3NOH. K3ALL. W3ABZ. W3ZBN. W3VXP. K3CTS. W3BHP. W3ZC. W3JPW. W3GKV. W3MDE W3KFK. W3HNE. K3ACD. W3JSA/3. W3NCW. K3BFW. K3BFW.	33,600-280-48-A 32,400-300-54-B-2 30,600-255-48-A-2 28,373-291-39-A-2 27,545-170-65-A-2 26,125-209-50-A-2 23,870-175-56-A-1 23,288-207-45-A-2 20,396-167-49-A-3 15,730-143-44-A-1 14,500-145-40-A-1 14,355-137-42-A-2 14,256-200-36-B-1 14,065-198-29-A-2 3,14,000-200-28-A-1 13,395-114-47-A-2 13,395-114-47-A-2	8714594902600814022
W3NOH. K3ALL. W3ABLZ. W3ZBN. W3ZBN. W3ZCTS. W3ZCTS. W3ZCY. W3JPW. W3JPW. W3JEFY. W3QKV. W3MDE. W3KPK. W3HNE. K3ACD. W3NCW. W3JSA/S. W3NCW. W3JSA/S. W3NCW. W3JSA/S. W3NCW.	33,600-280-48-A 32,400-300-54-B-2 30,600-255-48-A-2 28,373-291-39-A-2 27,545-170-65-A-2 26,125-209-50-A-2 23,513-175-56-A-2 23,513-175-56-A-2 23,288-207-45-A-2 20,396-167-49-A-3 14,360-143-44-A-1 14,360-143-44-A-1 14,365-200-36-B-1 14,365-317-42-A-2 14,266-200-36-B-1 14,000-200-28-A-1 3,349-114-47-A-2 11,503-107-43-A-1 11,309-114-47-A-2 11,503-107-43-A-1	8714594902600814022
W3NOH K3ALL W3ABZ W3ZBN, W3VXP K3CTS W3BHP W3ZC W3JPW W3EFY W3GKV W3MDE W3KFK W3KFK W3KFK W3KFK W3KFK W3KFK W3KFK W3KFK W3KFK W3KFK W3KFK W3KFK W3KFK W3KFK	$\begin{array}{c} 33,600-280-48-A\\ 32,400-300-54-B-2\\ 30,600-255-48-A-2\\ 28,373-291-39-A-2\\ 27,545-170-65-A-2\\ 26,125-209-50-A-2\\ 23,870-175-56-A-2\\ 23,870-172-56-A-2\\ 23,513-172-55-A-1\\ 23,288-207-45-A-2\\ 20,396-167-49-A-3\\ 15,730-143-44-A-1\\ 14,355-137-42-A-2\\ 14,256-200-36-B-1\\ 14,055-198-29-A-2\\ 3,14,000-20-8-A-1\\ 13,395-114-47-A-2\\ 11,503-107-43-A-1\\ 11,300-113-40-A-1\\ 11,1010-154-26-A-2\\ $	87145949026008140225
W3NOH K3ALL W3ABZ W3ZBN W3VXP K3CTS W3BHP W3ZC W3JPW W3EFY W3GKV W3MDE W3KFK W3HNE K3ACD W3JSA/X W3NCW K3BFW W3NCW K3BFW K3BFW K3ACT	$\begin{array}{c} 33,600-280.48-A\\ 32,400-300.54-B-2\\ 30,600-255-48-A-2\\ 28,373-291-39-A-2\\ 27,545-170-65-A-2\\ 26,125-209-50-A-2\\ 23,870-175-56-A-2\\ 23,870-175-56-A-2\\ 23,288-207-45-A-2\\ 20,396-167-49-A-3\\ 15,730-143-44-A-1\\ 14,500-145-40-A-1\\ 14,365-200-36-B-1\\ 14,055-137-42-A-2\\ 14,256-200-36-B-1\\ 14,005-137-42-A-2\\ 11,503-107-43-A-1\\ 11,309-114-47-A-2\\ 11,503-107-43-A-1\\ 11,301-154-26-A-2\\ 11,1301-154-26-A-2\\ 11,010-154-26-A-2\\ 11,010-154-26-A-2\\ 11,010-154-26-A-2\\ 11,010-139-32-A-1\\ 11,010-154-26-A-2\\ 11,010-139-32-A-1\\ 11,010-$	871459490260081402254
W3NOH K3ALL W3ABZ W3ABZ W3VXP K3CTS W3BHP W3JPW W3JFW W3JFW W3JFW W3MDE W3MDE W3MDE W3MNE W3MNE W3HNE K3ACD W3NCW W3JSA/S W3NCW W3JSA/S	$\begin{array}{c} 33.600-280.48-A\\ 32.400-300.54-B-2\\ 30.600-255-48-A-2\\ 28.373-291.39-A-2\\ 27.545-170.65-A-2\\ 26.125-209.510-A2\\ 23.513-172-55-A-1\\ 23.288-207-45-A-2\\ 20.396-172-55-A-1\\ 23.288-207-45-A-2\\ 20.396-187-49-A-3\\ 14.500-145-40-A-1\\ 14.500-145-40-A-1\\ 14.256-20-36-B-1\\ 14.256-20-36-B-1\\ 14.256-20-36-B-1\\ 11.300-13-A-1\\ 11.300-13-A-1\\ 11.300-13-A-1\\ 11.000-13-B-2-A-2\\ 11.000-13-B-3-A-1\\ 11.000-13-B-3-A-1\\ 11.000-13-B-3-A-1\\ 11.000-13-B-3-A-2\\ 11.000-13-B-3-2\\ 11.$	8714594902600814022547
W3NOH. K3ALL. W3ABZ. W3ZBN. W3ZUN. W3CTS. W3BHP. W3CTS. W3JEY. W3JEY. W3JEY. W3GEY. W3MDE. W3MDE. W3HNE. W3HNE. W3HNE. K3ACD. W3HSEY. W3DEY. W3DEY. W3DEY. W3DEY. W3DEY.	$\begin{array}{c} .33,600-280-48-A\\ .32,400-300-54-B-2\\ .30,600-255-48-A-2\\ .28,373-291-39-A-2\\ .27,545-170-65-A-2\\ .26,125-209-50-A-2\\ .23,870-172-56-A-2\\ .23,513-172-55-A-1\\ .23,288-207-45-A-2\\ .20,396-167-49-A-3\\ .15,730-143-44-A-1\\ .14,500-145-40-A-1\\ .14,256-200-36-B-1\\ .14,050-198-29-A-2\\ .11,503-114-47-A-2\\ .11,300-113-40-A-1\\ .11,300-113-40-A-1\\ .11,010-138-32-A-1\\ .10,750-100-43-A-2\\ .11,0750-100-43-A-2\\ .11,010-100-43-A-2\\ .11,010-1000-43-A-2\\ .11,010-1000-43-A-2\\ .11,010-1000-43-A-2\\ .11,010-1000-43-A-2\\ .11,010-1000-43-A-2\\ .11,010-1000-43-A-2\\ .11,010-1000-43-A-2\\ .11,0100-1000-4000-4000-4000-4000-4000-40$	8714594902600814022547
W3NOH. K3ALL W3ABL W3ABZ W3ZBN W3VXP K3CTS W3BYNP W3YZC W3BYNP W3FY W3FY W3GEFY W3GEFY W3MDE K3ACD W3KFK W3MNCW K3ACD W3KFK W3NCW K3ACD	$\begin{array}{c} 33,600-280.48-A\\ 32,400-300.54-B-2\\ 30,600-25-48-A-2\\ 28,373-291-39-A-2\\ 29,373-291-39-A-2\\ 20,125-209-1A-2\\ 21,545-170-65-A-2\\ 22,513-172-55-A-1\\ 23,288-207-45-A-2\\ 23,396-167-49-A-3\\ 15,730-143-44-A-1\\ 14,500-145-40-A-1\\ 14,365-200-36-B-1\\ 31,4000-200-28-A-1\\ 31,4001-200-28-A-1\\ 11,300-113-40-A-1\\ 11,1010-154-26-A-2\\ 11,503-101-40-A-1\\ 11,1010-154-26-A-2\\ 11,000-39-32-A-1\\ 10,750-100-43-A-1\\ 10,750-100-43-A-1\\ 10,750-100-43-A-1\\ 10,750-186-23-A-2\\ 186-23-A-2\\ 186-23-A-2\\ 186-23-A-2\\ 19,800-130-130-40-40-40-40-40-40-40-40-40-40-40-40-40$	87145949026008140225470
W3NOH. K3ALL W3ABZ W3ABZ W3ZBN W3VXP K3CTS W3BHP W3ZC W3BHFY W3JPW W3GEFY W3QKPK W3HNE K3ACD W3HNE K3ACD W3SPA W3SPA K3ATL K3PFW K3PFM K3ATL K3ANL K3PHX	$\begin{array}{c} 33.600-280.48-A\\ 32.400-300.54-B-2\\ 30.600-255-48-A-2\\ 28.373-290.39-A-2\\ 27.545-170.65-A-2\\ 26.125-200.510-A-2\\ 23.513-172.55-A-1\\ 23.288-207.45-A-2\\ 23.513-172.55-A-1\\ 23.288-207.45-A-2\\ 20.396-167.49-A-3\\ 15.730-143.44-A-1\\ 4.385-137.42-A-2\\ 4.256-200.36-B-1\\ 4.065-198.29-A-2\\ 31.4005-200.36-B-1\\ 14.055-198.29-A-2\\ 1.503-107.43-A-1\\ 1.503-107.43-A-1\\ 1.000-139.32-A-1\\ 10.0750-100.43-A-1\\ 10.059-186-23-A-2\\ 8385-100.43-A-1\\ 8385-100.43-A-1\\ 10.0695-186-23-A-2\\ 8385-100.43-A-1\\ 10.695-186-23-A-2\\ 8385-100.43-A-1\\ 10.695-186-23-A-2\\ 8385-100.43-A-1\\ 10.695-186-23-A-2\\ 8385-100.43-A-1\\ 10.695-186-23-A-2\\ 8385-100.34-A-1\\ 10.03-A-10.03-A-1\\ 10.0695-186-23-A-2\\ 8385-100.34-A-1\\ 10.03-A-10.03-A-1\\ 10.03-A-10.03-A-10.03-A-1\\ 10.03-A-10.03-A-10.03-A-1$	871459490260081402254702
W3NOH K3ALL W3ABZ W3ZBN W3ZSN W3ZSN W3YXP W3ZC W3JPW W3JPW W3GEFY W3MOE W3HNE K3ACD W3HNE K3ACD W3HNE K3ACD K3HNE K3ACD W3NCW K3BFW W3NCW K3BFW W3NCW K3BFW W3NCW K3ANU K3	$\begin{array}{c} .33,600-280-48-A\\ .32,400-300-54-B-2\\ .30,600-255-48-A-2\\ .28,373-291-39-A-2\\ .27,545-170-65-A-2\\ .26,125-209-50-A-2\\ .23,870-172-56-A-2\\ .23,513-172-55-A-1\\ .23,288-207-45-A-2\\ .20,396-187-49-A-3\\ .15,730-143-44-A-1\\ .14,500-145-40-A-1\\ .14,355-137-42-A-2\\ .14,256-200-36-B-1\\ .14,055-198-29-A-2\\ .13,395-114-47-A-2\\ .11,503-117-43-A-1\\ .11,300-113-40-A-1\\ .11,010-154-26-A-2\\ .10,003-154-26-A-2\\ .10,003-154-26-A-2\\ .10,003-154-26-A-2\\ .10,003-154-26-A-2\\ .10,003-154-26-A-2\\ .10,003-134-32-A-1\\ .10,003-186-23-A-2\\ .8585-100-43-A-2\\ .8585-100-34-A-1\\ .8585-100$	8714594902600814022547020
W3NOH K3ALL W3ABZ W3ZBN W3ZWN W3ZPY W3EPY W3ZPY	$\begin{array}{c} .33600-28048-A\\ .32400-300-54-B-2\\ .30600-255-48-A-2\\ .28373-290-39-A-2\\ .27545-170-65-A-2\\ .26125-209-50-A-2\\ .23513-172-55-A-2\\ .23513-172-55-A-2\\ .23523-172-55-A-2\\ .20396-167-49-A-3\\ .15730-143-49-A-3\\ .14,500-145-40-A-1\\ .14,365-137-42-A-2\\ .14,256-200-36-B-1\\ .14,065-137-42-A-2\\ .15,391-137-42-A-2\\ .15,391-137-42-A-2\\ .15,391-137-42-A-2\\ .15,391-137-42-A-2\\ .15,031-137-42-A-2\\ .15,031-137-42-A-2\\ .15,031-137-42-A-2\\ .15,031-137-42-A-2\\ .10,051-393-24-A-1\\ .10,061-38-32-A-1\\ .10,061$	8714594902600814022547029
W3NOH. K3ALL W3ABZ W3ABZ W3ZBN W3ZBN W3VXP K3CTS W3BHP W32C W3BHP W32C W3BHP W32C W3BHP W32C W3BHP W33PW W3BHP K3ACD W31SA/W W3CW K3BFW W3CW K3BFW K3ACL K3ACL K3ACL K3PHX W3CW W3HNE K3ANN W3TJW W3HNK	$\begin{array}{c} 33,600-280.48-A\\ 32,400-300.54-B-2\\ 30,600-255-48-A-2\\ 28,373-291.39-A-2\\ 27,545-170.65-A-2\\ 26,125-209.510-A-2\\ 23,870-172-56-A-2\\ 23,513-172-55-A-1\\ 23,288-207-45-A-2\\ 20,396-167-49-A-3\\ 15,730-143-44-A-1\\ 14,500-145-40-A-1\\ 14,355-137-42-A-2\\ 14,256-200.36-B-1\\ 14,065-198-29-A-2\\ 31,1503-114-47-A-2\\ 11,300-113-40-A-1\\ 11,300-113-40-A-1\\ 11,010-15-426-A-2\\ 11,0695-186-23-A-2\\ 8585-100-34-A-1\\ 7865-121-26-A-7865-121-26-A-7860-100-30-A-1\\ 7865-121-26-A-7860-100-30-A-1\\ 7865-100-30-A-1\\ 7865-100-34-A-1\\ 7860-100-30-A-1\\ 7860-100-30-A-1\\ 7860-100-30-A-1\\ 7860-100-30-A-1\\ 7860-100-30-A-1\\ 7860-100-30-A-1\\ 7860-100-30-A-1\\ 7860-100-30-A-1\\ 780-100-30-A-1\\ 780-100$	87145949026008140225470293
W3NOH W3ABZ W3ZBN W3ZBN W3VXP W3VXP W3BHP W3ZP W3ZP W3BHP W3ZP W3BHP W3ZP W3BHP W3JP W3SQKV W3MDE W3HNE K3ACD W3HNE K3ACD W3HNE K3ACD W3HNE K3ACD W3HNE K3ACD W3HNE K3ACD W3HNE K3ACD W3HNE K3ACD W3HNE K3ACD W3HNE K3ACD	$\begin{array}{c} .33,600-280-48-A\\ .32,400-300-54-B-2\\ .30,600-255-48-A-2\\ .28,373-291-39-A-2\\ .27,545-170-65-A-2\\ .26,125-209-50-A-2\\ .23,513-172-55-A-1\\ .23,288-207-45-A-2\\ .20,396-1172-56-A-1\\ .23,288-207-45-A-2\\ .20,396-1172-55-A-1\\ .24,269-20-36-B-1\\ .44,500-145-40-A-1\\ .44,385-137-42-A-2\\ .44,256-200-36-B-1\\ .41,056-198-29-A-2\\ .14,000-20-8-A-1\\ .13,395-114-47-A-2\\ .11,503-117-43-A-1\\ .11,300-113-40-A-1\\ .11,503-110-43-A-1\\ .11,503-110-30-A-1\\ .11,503-110-30-A-1\\ .11,503-110-30-A-1\\ .12,503-110-30-A-1\\ .13,503-110-30-A-1\\ .14,503-110-30-A-1\\ .15,503-110-30-A-1\\ .1$	871459490260081402254702936
W3NOH K3ALL W3AHZ W3ZHN W3UXP K3CTS W3BHP W3ZC W3JPW W3EFY W3QKV W3HPW W3MDE W3MDE W3MOW W3HNE W3HNC W3HNC W3HNC W3HNC W3HNC W3HNC W3HNC W3HNC W3HNC W3HNC W3HNC W3HNC W3HNC W3HNC W3HNC W3HNC	$\begin{array}{c} 33.600-280.48-A\\ 32.400-300.54-B-2\\ 30.600-255-48-A-2\\ 28.373-201.39-A-2\\ 27.545-170.65-A-2\\ 26.125-209.510-A2\\ 23.513-172-55-A-1\\ 23.288-207-45-A-2\\ 20.396-172-56-A-2\\ 20.396-187-49-A-3\\ 14.500-145-40-A-1\\ 14.500-145-40-A-1\\ 14.505-198-20-36-B-1\\ 14.256-20-36-B-1\\ 13.395-114-47-A-2\\ 11.503-107-43-A-1\\ 11.000-138-40-A-1\\ 10.750-100-43-A-1\\ 10.895-100-30-A-1\\ 10.895-100-30-A-1\\ 836-30-A-1\\ 10.895-100-30-A-1\\ 84-31-A-1\\ 84-31-A$	8714594902600814022547029365
W3NOH K3ALL. W3ABZ. W3ZBN. W3ZBN. W3ZBN. W3ZCTS. W3BHP W3ZC. W3LFY. W3GEY. W3MDE K3ACD. W3HNE W3HNE W3GSY. K3BFW. W3GSY. K3ANU. K3PHX. W3TJW. W3TJW. W3TJW. W3TJW. W3TJW. W3TJW. W3ZON. W3ZON.	$\begin{array}{c} .33,600-280-48-A\\ .32,400-300-54-B-2\\ .30,600-255-48-A-2\\ .28,373-291-39-A-2\\ .27,545-170-65-A-2\\ .26,125-209-50-A-2\\ .23,870-172-56-A-2\\ .23,513-172-55-A-1\\ .23,288-207-45-A-2\\ .20,396-167-49-A-3\\ .15,730-143-44-A-1\\ .14,500-145-40-A-1\\ .14,355-137-42-A-2\\ .14,256-200-36-B-1\\ .14,055-198-29-A-2\\ .11,503-114-47-A-2\\ .11,300-113-40-A-1\\ .11,300-113-40-A-1\\ .11,300-113-40-A-1\\ .10,695-186-23-A-2\\ .8585-100-34-A-1\\ .8585-100-34-A-1\\ .7865-191-26-A-7350-100-30-A-1\\ .7865-191-26-A-7350-100-30-A-1\\ .8585-100-34-A-1\\ .8665-100-34-A-1\\ .8665-100-3$	8714594902600814022547029365
W3NOH K3ALL W3ABZ, W3ZBN W3ZBN W3ZPN W3BHP W3ZPN W3ZPN W3ZPN W3CRV W3MPK W3KPK W3KPK W3KPK W3KPK W3KPK W3KPK W3KPK W3KPK W3KPK W3KPK W3KPK W3KPK W3KPK W3KPK W3KPK W3KPK W3KPK W3TN W3CSY	$\begin{array}{c} 33,600-280.48-A\\ 32,400-300.54-B-2\\ 30,600-25-48-A-2\\ 28,373-291-39-A-2\\ 27,545-170-65-A-2\\ 26,125-209-50-A-2\\ 23,870-175-56-A-2\\ 23,870-175-56-A-1\\ 23,288-207-45-A-2\\ 20,396-167-49-A-3\\ 15,730-143-44-A-1\\ 14,500-145-40-A-1\\ 14,360-143-44-A-1\\ 14,365-200-36-B-1\\ 31,4000-200-28-A-1\\ 31,1000-31-31-42-A-2\\ 11,503-11-47-A-2\\ 11,503-107-43-A-1\\ 11,1010-154-26-A-2\\ 11,000-39-32-A-1\\ 10,750-100-43-A-1\\ 10,750-100-43-A-1\\ 10,695-186-23-A-2\\ 8585-100-34-A-1\\ 7865-12-26-A-7\\ 350-100-30-A-1\\ 6510-84-31-A-7\\ 33840-60-32-B-3864-A-2\\ 3840-61-22-B-3864-A-2\\ 3840-61-22-B-3864-A-2\\ 3840-61-22-B-3864-A-2\\ 3840-61-22-B-3864-A-2\\ 3840-61-22-B-3864-A-2\\ 3840-61-22-B-3864-A-2\\ 3860-61-22-B-3864-A-2\\ 3860-61-22-B-2864-A-2\\ 3860-61-22-B-2864-A-2\\ 3860-61-22-B-2864-$	8714594902600814022547029365
W3NOH K3ALL. W3AHZ. W3ZHN W3CYP. K3CTS. W3BHP W3ZC. W3JPW. W3EFY. W3MDE W3KFK. W3MPW. W3MSE W3MDE W3MSE W3MOW. W3MSE W3MOW. W3HNE W3	$\begin{array}{c} 33,600-280.48-A\\ 32,400-30.54-B-2\\ 30,600-255-48-A-2\\ 28,373-20-39-A-2\\ 27,545-170.65-A-2\\ 26,125-209.50-A-2\\ 23,513-172.55-A-1\\ 23,288-207.45-A-2\\ 23,513-172.55-A-1\\ 23,288-207.45-A-2\\ 20,396-167.49-A-3\\ 15,730-143.44-A-1\\ 4,355-137.42-A-2\\ 4,256-200.36-B-1\\ 14,500-145-40-A-1\\ 14,256-200.36-B-1\\ 14,005-198.29-A-2\\ 31,4000-20-A-1\\ 11,503-107.43-A-1\\ 10,695-18-23-A-2\\ 11,503-107.43-A-1\\ 10,000-139-32-A-1\\ 10,755-100-43-A-1\\ 10,695-18-23-A-2\\ 10,695-18-23-A-2\\ 17,865-10-34-A-1\\ 17,366-10-34-A-1\\ 18,3840-60-32-B-34-3\\ 18,3840-60-32-B-34-3\\ 18,3840-60-32-B-34-3\\ 18,3660-61-2-A-35,35-68-29-A-1\\ 18,3660-61-2-A-35,35-68-29-A-1\\ 18,3660-61-2-A-36,35,35-68-29-A-1\\ 18,3660-61-2-A-36,35,35-68-29-A-1\\ 18,3600-61-2-A-36,35,35-68-29-A-1\\ 18,3600-61-2-A-36,35,35-68-29-A-1$	8714594902600814022547029365-3
W3NOH K3ALL. W3AHZ. W3ZBN. W3ZBN. W3ZCTS. W3BHP W3ZC. W3JPW. W3GEY. W3MDE W3KFK W3MDE K3ACD. W3HNE W3HNE W3GSY. K3PFW. W3GSY. K3PFW. W3TJW. W3HNK W3HN	$\begin{array}{c} .33,600-280-48-A\\ .32,400-300-54-B-2\\ .30,600-255-48-A-2\\ .28,373-291-39-A-2\\ .27,545-170-65-A-2\\ .26,125-209-50-A-2\\ .23,870-172-56-A-2\\ .23,870-172-56-A-2\\ .23,513-172-55-A-1\\ .23,288-207-45-A-2\\ .20,396-167-49-A-3\\ .15,730-143-44-A-1\\ .14,500-145-40-A-1\\ .14,355-137-42-A-2\\ .14,256-200-36-B-1\\ .14,050-198-29-A-2\\ .11,503-114-47-A-2\\ .11,300-113-40-A-1\\ .11,300-113-40-A-1\\ .11,300-113-40-A-1\\ .11,010-134-26-A-2\\ .10,095-186-23-A-2\\ .8585-100-34-A-1\\ .8585-100-34-A-1\\ .7360-100-30-A-1\\ .7360-100-30-A-3\\ .3660-612-A-3\\ .3660-612-A-3\\ .3660-612-A-3\\ .3578-65-22-A-1\\ .3578-65-22-A-1\\ .3660-612-A-3\\ .3660-612-A-3\\ .3660-612-A-3\\ .3660-612-A-3\\ .3660-612-A-3\\ .3678-60-32-A-1\\ .3678-65-22-A-1\\ .3678-65-22-A-1$	8714594902600814022547029365-3
W3NOH K3ALL. W3ABZ. W3ZBN W3ZBN W3ZBN W3BHP W3ZFY W3ZFY W3QKV W3KPK W3KP	$\begin{array}{c} .33600-280.48-A\\ .32400-30.54-B-2\\ .30600-25-48-A-2\\ .28373-201.39-A-2\\ .27545-170.65-A-2\\ .26125-209.50-A-2\\ .23513-172-55-A-2\\ .23513-172-55-A-2\\ .23513-172-55-A-1\\ .20396-172-55-A-2\\ .20396-1372-55-A-2\\ .20396-1372-55-$	8714594902600814022547029365-3-
W3NOH, K3ALL, W3AHZ, W3AHZ, W3ZHN, W3VXP, K3CTS, W3BHP, W3ZCN, W3JEFY, W3QKV, W3JEFY, W3QKV, W3HPE, K3ACD, W3HYE, K3HNE, K3HNE, W3HNE, K3HNE, W3HNE, W3HU, W3GHD, W3HU, W3GHD, W3GHD, W3GHD,	$\begin{array}{c} 33,600-280.48-A\\ 32,400-30.54-B-2\\ 30,600-25-B-2\\ 30,500-54-B-2\\ 27,545-170.65-A-2\\ 22,7545-170.65-A-2\\ 22,175-56-A-2\\ 23,170-172-55-A-1\\ 23,288-207-45-A-2\\ 23,513-172-55-A-1\\ 23,288-207-45-A-2\\ 20,396-167-49-A-3\\ 15,730-143-44-A-1\\ 14,500-145-40-A-1\\ 14,500-145-40-A-1\\ 14,500-145-40-A-1\\ 14,256-200-36-B-1\\ 14,055-198-29-A-2\\ 31,4000-200-28-A-1\\ 11,503-10-43-A-1\\ 11,503-107-43-A-1\\ 11,503-107-43-A-1\\ 11,503-107-43-A-1\\ 11,503-107-43-A-1\\ 11,503-107-43-A-1\\ 11,503-107-43-A-1\\ 11,503-107-43-A-1\\ 11,503-100-43-A-10,695-186-23-A-2\\ 10,095-186-23-A-2\\ 10,095-186-23-A-2\\ 3575-60-27-A-3556-65-22-A-1\\ 3566-60-22-A-3556-65-22-A-1\\ 3566-65-22-A-1\\ 3566-60-27-A-1\\ 3567-60-27-A-1\\ 3575-60-27-A-1\\ 3575-60-27-A-1$	8714594902600814022547029365-3
W3NOH. W34ABZ. W34ABZ. W32BN. W34VS. W35BHP. W32CC. W33PW. W34DPW. W34MPE. W34	$\begin{array}{c} .33,600-280-48-A\\ .32,400-300-54-B-2\\ .30,600-255-48-A-2\\ .28,373-290-39-A-2\\ .27,545-170-65-A-2\\ .26,125-209-50-A-2\\ .23,870-172-56-A-2\\ .23,513-172-55-A-1\\ .23,288-207-45-A-2\\ .20,396-167-49-A-3\\ .15,730-143-44-A-1\\ .14,500-145-40-A-1\\ .14,355-137-42-A-2\\ .14,256-200-36-B-1\\ .14,055-198-29-A-2\\ .13,395-114-47-A-2\\ .11,503-117-43-A-1\\ .11,300-113-40-A-1\\ .11,300-113-40-A-1\\ .11,010-154-26-A-2\\ .10,050-100-43-A-2\\ .10,695-186-23-A-2\\ .8555-100-34-A-1\\ .7861-100-30-A-1\\ .7861-100-30-A-1\\ .7861-100-30-A-1\\ .7861-100-30-A-1\\ .7865-100-34-A-1\\ .7865-100-34-A-1\\ .7865-100-34-A-1\\ .7865-100-34-A-1\\ .7865-100-34-A-1\\ .7865-100-34-A-1\\ .7865-100-34-A-1\\ .8661-83-1-A-3\\ .3660-83-1-A-3\\ .3675-65-22-A-1\\ .3575-65-22-A-1\\ .3575-65-22-A-1\\ .3575-65-22-A-1\\ .3375-3375-3375-3375-3375-3375-3375-3375$	8714594902600814022547029365-39
W3NOH K3ALL W3AHZ W3ZHN W3UXP K3CTS W3BHP W3ZC W3JPW W3EFY W3QKV W3HPW W3HPW W3HNC W	$\begin{array}{c} 33.600-280.48-A\\ 32.400-30.54-B-2\\ 30.600-25-48-A-2\\ 23.873-201.39-A-2\\ 27.545-170.65-A-2\\ 26.125-209.510-A2\\ 23.513-172-55-A-1\\ 23.288-207-45-A-2\\ 23.513-172-55-A-1\\ 23.288-207-45-A-2\\ 20.396-167-49-A-3\\ 15.730-143-44-A-1\\ 14.500-145-40-A-1\\ 14.500-145-40-A-1\\ 14.256-200-36-B-1\\ 14.256-200-36-B-1\\ 15.030-174-A-A-1\\ 11.503-107-43-A-1\\ 11.503-107-43-A-1\\ 11.000-138-20-A-2\\ 28.585-109-34-A-1\\ 10.695-188-23-A-2\\ 8.585-109-34-A-1\\ 3.3840-60-32-B-38575-65-22-A-1\\ 3.3657-65-22-A-1\\ 3.5657-72-3-A-1\\ 3.575-65-22-A-1\\ 3.575-65-22$	8714594902600814022547029365-392
W3NOH, K3ALL, W3ABZ, W3ZBN, W3ZBN, W3ZCN, W3BHP, W3ZCN, W3BHP, W3ZCN, W3BHP, W3GE, W3MDE, K3ACD, W3MNCW, W3MNC	$\begin{array}{c} 33,600-280-48-A\\ 32,400-300-54-B-2\\ 30,600-25-B-2\\ 23,373-201-39-A-2\\ 27,545-170-65-A-2\\ 22,6125-209-50-A-2\\ 23,870-172-56-A-2\\ 23,870-172-56-A-2\\ 23,513-172-55-A-1\\ 23,288-207-45-A-2\\ 20,396-167-49-A-3\\ 15,730-143-44-A-1\\ 14,500-145-40-A-1\\ 14,355-137-42-A-2\\ 14,256-200-36-B-1\\ 14,055-198-29-A-2\\ 31,4000-20-8A-1\\ 11,309-113-40-A-1\\ 11,300-113-40-A-1\\ 11,300-113-40-A-1\\ 11,010-154-26-A-2\\ 11,0750-100-43-A-2\\ 11,0750-100-43-A-2\\ 10,695-186-23-A-2\\ 8,585-100-34-A-1\\ 7865-100-34-A-1\\ 7865-100-34-A-1\\ 3575-65-22-A-1\\ 3575-75-16-A-1\\ 3000-75-16-A-1\\ 7516-A-17-16-A-1$	8714594902600814022547029365-3932
W3NOH, K3ALL, W34ABZ, W32BN, W34VB, W3CTS, W3BHP, W3CTS, W3BHP, W3CTS, W3BFY, W3GKV, W3HVE, K3ACD, W3HVE, K3ASATL, K3TW, W3THVK, W3THV	$\begin{array}{c} .33,600-280-48-A\\ .32,400-300-54-B-2\\ .30,600-25-48-A-2\\ .28,373-201-39-A-2\\ .27,545-170-65-A-2\\ .26,125-209-50-A-2\\ .23,513-172-55-A-1\\ .23,288-207-45-A-2\\ .20,396-167-49-A-3\\ .15,730-143-44-A-1\\ .14,500-145-40-A-1\\ .14,500-145-40-A-1\\ .14,355-137-42-A-2\\ .14,256-200-36-B-1\\ .14,005-198-29-A-2\\ .13,395-114-47-A-2\\ .11,503-110-43-A-1\\ .11,300-113-40-A-1\\ .11,300-113-40-A-1\\ .11,010-154-26-A-2\\ .11,0750-100-43-A-2\\ .10,695-136-23-A-2\\ .8655-100-34-A-1\\ .6510-34-A-1\\ .3562-52-A-1\\ .3567-65-22-A-1\\ .3567-65-22-A-1\\ .3567-65-22-A-1\\ .3568-57-23-A-1\\ .3568-58-25-A-1\\ .3568-68-27-A-1\\ .3568-68-17-A-1\\ .3568-17-A-1\\ .3568-17-A-1\\ .3568-17-A-1\\ .3568-17-A-1\\ .3568-17-A-1\\ .3568-$	8714594902600814022547029365-3936
W\$NOH. K\$ALL. W\$AHZ. W\$AHZ. W\$ZBN. W\$ZWN. W\$ZYP. K\$ZTP. W\$ZCT. W\$		8714594902600814022547029365-39368
W3NOH. W3ANDI. W3AHZ. W3AHZ. W3ZBN. W3ZBN. W3ZBN. W3ZGN. WYZGN. WZGN.	$\begin{array}{c} .33,600-280-48-A\\ .32,400-300-54-B-2\\ .30,600-25-B-2\\ .30,600-25-A-2\\ .28,373-201-39-A-2\\ .27,545-170-65-A-2\\ .26,125-209-50-A-2\\ .23,870-172-56-A-2\\ .23,513-172-55-A-1\\ .23,288-207-45-A-2\\ .20,396-187-49-A-3\\ .15,730-143-44-A-1\\ .14,500-145-40-A-1\\ .14,500-145-40-A-1\\ .14,256-200-36-B-1\\ .14,055-198-29-A-2\\ .11,503-114-47-A-2\\ .11,300-113-40-A-1\\ .11,300-113-40-A-1\\ .11,300-113-40-A-1\\ .11,300-113-40-A-1\\ .10,695-186-23-A-2\\ .8545-100-34-A-1\\ .8545-100-34-A-1\\ .8545-100-34-A-1\\ .3660-612-A-3\\ .3575-65-22-A-1\\ .3566-5-22-A-1\\ .3566-5-22-A-1\\ .3566-5-22-A-1\\ .3567-65-22-A-1\\ .3568-65-22-A-1\\ .3575-65-22-A-1\\ .3575-65-22-A-1\\ .3589-68-17-A-2$	8714594902600814022547029365-39368
W3NOH K3ALL W3AHZ W3ZHN W3ZYP W3ZHN W3ZHY W3ZHY W3ZHY W3ZHY W3ZHY W3KYK W3KY W3KY	$\begin{array}{c} 33.600-280.48-A\\ 32.400-300.54-B-2\\ 30.600-25-48-A-2\\ 23.6760-25-48-A-2\\ 27.545-170.65-A-2\\ 26.125-209.50-A-2\\ 23.873-172-55-A-1\\ 23.288-207-45-A-2\\ 23.513-172-55-A-1\\ 23.288-207-45-A-2\\ 20.396-167-49-A-3\\ 15.730-143-44-A-1\\ 14.500-145-40-A-1\\ 14.355-137-42-A-2\\ 14.256-200.36-B-1\\ 14.065-198-29-A-2\\ 13.395-114-47-A-2\\ 11.503-117-43-A-1\\ 11.300-13-26-A-2\\ 11.003-3A-1\\ 10.695-186-23-A-2\\ 10.695-186-23-A-2\\ 10.695-186-23-A-2\\ 10.695-186-23-A-2\\ 10.695-186-23-A-2\\ 10.695-186-23-A-2\\ 10.695-186-23-A-2\\ 13.356-65-23-A-2\\ 13.356-65-23-A-2\\ 13.356-65-22-A-1\\ 3560-61-2-A-2\\ 3575-65-22-A-1\\ 3560-61-2-A-2\\ 3575-65-22-A-1\\ 3560-68-17-A-3\\ 3575-65-22-A-1\\ 3560-68-17-A-2\\ 2550-68-17-A-2\\ 2415-46-21-A-2\\ 415-46-21-A-2\\ $	8714594902600814022547029365-39368-
W3NOH, K3ALL, W3AHZ, W3AHZ, W3AHZ, W3ZHN, W3VXP, K3CTS, W3BHP, W3ZC, W3JYW, W3QKV, W3JYW, W3GFY, W3MDE, K3ANU, W3HNE, K3ANU, K3PHX, W3HNE, K3ANU, K3PHX, W3HNE, W3GSY, K3ANU, K3PHX, W3HNE, W3CN, W3HNE, K3ANU, K3PHX, W3HNE, W3GSY, K3ANU, K3PHX, W3HNE, W3GN, W3HIO, K3ANU, W3GHD, K3ANU, W3GHD, K3HIO, K3BFU, W3GHD, K3HIO, K3BFU, W3GHD, K3HIO, K3BFU, W3HIO, K3BFU, W3HIO, K3BFU, W3HIO, W3HIO, K3HIO, KXANIO, KXANI	33,600- 280-48-A- 32,400- 300-54-B-2 30,600- 255-48-A-2 28,373- 291-39-A-2 27,545- 170-65-A-2 26,125- 209-50-A-2 23, 870- 172-56-A-1 23, 288- 207-45-A-2 23,513- 172-55-A-1 23, 288- 207-45-A-2 20, 396- 167-49-A-3 15, 730- 143-44-A-1 14, 356- 187-29-A-2 1, 42,56- 200-36-B-1 14, 500- 145-40-A-1 14, 356- 198-29-A-2 11, 503- 114-47-A-2 11, 503- 110-43-A-1 11, 503- 100-43-A- 10, 695- 188-23-A-2 1, 503- 100-43-A- 17, 865- 121-26-A- 73, 50- 100-43-A- 17, 865- 121-26-A- 13, 560- 63-2-B- 3, 575- 65-22-A- 3, 575- 65-22-A- 3, 575- 65-22-A- 3, 575- 65-22-A- 2, 5890- 68-17-A- 2, 590- 68-17-A- 2, 590- 68-17-A- 2, 590- 61-20-A- 2,	8714594902600814022547029365-39368-4
W3NOH. K3ALL. W3ABZ. W3ZBN. W3ZBN. W3ZGN. W3EFY. W3BHP W3ZC. W3JPW. W3JFW. W3JFW. W3MNE K3ACD. W3JFW. W3HNE K3ATL. K3PHX. W3HNK W3HNK W3GY. K3PHX. W3HNK W3HU. W3ZDBL W3ZDB W3ZD	$\begin{array}{c} .33,600-280-48-A\\ .32,400-300-54-B-2\\ .30,600-25-48-A-2\\ .28,373-291-39-A-2\\ .27,545-170-65-A-2\\ .26,125-209-50-A-2\\ .23,870-172-56-A-2\\ .23,870-172-56-A-2\\ .23,513-172-55-A-1\\ .23,288-207-45-A-2\\ .20,396-167-49-A-3\\ .15,730-143-44-A-1\\ .14,500-145-40-A-1\\ .14,500-145-40-A-1\\ .14,355-137-42-A-2\\ .14,256-200-36-B-1\\ .14,055-198-29-A-2\\ .11,503-10-43-A-1\\ .11,300-113-40-A-1\\ .11,300-113-40-A-1\\ .11,300-113-40-A-1\\ .11,010-134-26-A-2\\ .10,0695-188-23-A-2\\ .8585-100-34-A-1\\ .7360-100-30-A-1\\ .7360-100-30-A-1\\ .7360-100-30-A-1\\ .7360-100-30-A-1\\ .8585-100-34-A-1\\ .8585-100-34-A-1\\ .3576-65-22-A-1\\ .3576-55-22-A-1\\ .3576-65-22-A-1\\ .3576-65-22$	8714594902600814022547029365-39368-40
W3NOH. W3AHZ. W3AHZ. W3AHZ. W3AHZ. W3ZEN.	33,600- 280-48-A- 32,400- 300-54-B-2 30,600- 255-48-A-2 28,373- 290-39-A-2 27,545- 170-65-A-2 26,125- 209-50-A-2 23,513- 172-55-A-1 23,288- 207-45-A-2 23,513- 172-55-A-1 23,288- 207-45-A-2 23,3613- 172-55-A-1 24,520- 167-49-A-3 15,730- 143-44-A-1 14,500- 145-40-A-1 14,500- 145-40-A-1 14,500- 145-40-A-1 14,500- 115-40-A-2 11,503- 110-43-A-1 11,503- 15-26-A-2 15,505- 15-26-A-3 3561- 56-22-A-1 3860- 61-25-A-3 3561- 56-22-A-1 3860- 61-25-A-3 3561- 56-22-A-1 3890- 58-17-A-1 2890- 58-17-A-1 2890- 68-17-A-1 2915- 68-17-A-1 2915- 68-17-A-1 2915- 68-17-A-1 2125- 50-7-A-1	8714594902600814022547029365-39368-409
W3NOH, K3ALL, W3ABZ, W3ZBN, W3ZWN, W3ZWP, K3CTS, W3BHP, W3ZCY, W3ADY, W3AUPW, W3GEFY, W3MDEF, W3MDEF, W3MOEW,	110.048- 603-73-A-3 1.09.624- 640-69-A-3 1.09.624- 640-69-A-3 1.08.290- 641-68-A-3 1.08.275- 610-71-A-3 1.07.210- 604-71-A-3 1.07.210- 604-71-A-4 1.05.080- 592-71-A-4 1.95.813- 525-73-A-3 1.91.20- 536-68-A-1 1.91.20- 536-88-A-1 1.91.20- 536-88-A-	8714594902600814022547029365-3-9368-402

W3JLI 1890- 42-18-A- 6 W3QKU 1820- 55-14-A- 9 K3BHX 1140- 29-16-A- 6 W3DVB 1120- 28-16-A- 3 KN3DLX 1015- 37-14-A-20 KN3CNN 940- 27-16-A-29 W3UIU. 368- 21- 7-A- 7 W3LWC 150- 10- 6-A- 2 W3RNF 45- 5- 4-A- 5 W3OMZ (KSIXX W3OMZ)
K3BHX1140- 29-16-A- 6 W3DVB1120- 28-16-A- 3
W3BHX
W3UIU368- 21- 7-A- 7
W3LWC150- 10- 6-A- 2 W3RNF45- 5- 4-A- 5
W3QMZ (K2JXX, W3QMZ) 91.798- 503-73-A-31
W3IIF (W3s IIF IKB)
W3RPB (K2s INO OSY)
W3LWC150- 10- 6-A- 2 W3RNF245- 5- 4A- 5 W3RNF245- 30-37-38-A31 W311F (W38 IIF 1KB) 67.063- 537-50-A-31 W3RPB (K28 INO 08Y) 36.225- 230-63-A-21 KN3DUX (KN38 DUX DUY) 2205- 49-21-A-37 W3AEQ (K28 KDW KFF SCU) 2100- 41-21-A- 5
W3AEQ (K2s KDW KFF SCU)
Md1)el,-1), C, W3EIS 217.266-1192-73-A-40 W3GAU 204.583-1129-73-A-40 W3KLA 184,051-1010-73-A-39
W3GAU. 204,583-1129-73-A-40 W3KLA 184 051-1010-73-A-39
W3TMZ/3
183,060-1017-72-A-37 W3AEL . 182,880-1016-72-A-40 W3VAN . 168,265-1153-73-B-39
W3VAN . 168,265-1153-73-B-39 W3MSR . 166,824-1160-72-B-40
W3GRF154,213- 845-73-A-36 W3IYE153,483- 841-73-A-40
K3CBQ148,829- 816-73-A-40 K3CIO141,346- 777-73-A-40
W3DRD140,760- 782-72-A-40
W3AEL . 182,880-1016-72-A-40 W3VAN . 168,265-113-73-B-39 W3MSR. 166,824-1160-72-B-40 W3GRF . 154,213-845-73-A-36 W3IYE . 153,483-841-73-A-40 K3CBQ . 148,829-816-73-A-40 W3DRD .140,760-782-72-A-40 W3DRD .140,760-782-72-A-40 W3MFJ . 138,244-758-73-A-39 K3GUR . 132,313-725-73-A-37 W3HOU 99,648-69-72-8-A-37
W3HQU99,648- 692-72-B-40 W3IWJ85,388- 506-69-A-40
W31WJ
W3KA. 75,075- 455-66-A-28 W3FRZ. 58,500- 362-65-A-34 W3KZQ. 57,600- 320-72-A-31 W3HVM. 56,250- 375-60-A-25
W3KZQ57,600- 320-72-A-31
W3HVM 56,250- 375-60-A-25 W3UE 56,000- 350-64-A-33
K3CWF50,850- 339-60-A-40 W3VG46,538- 255-73-A-21
W3TMZ/3 W3AEL 182,880-1016-72-A-40 W3VAN168,265-1153-738-B-39 W3WSN166,824-1160-72-B-40 W3GRF154,213-845-738-A-36 W3IYE154,213-845-738-A-36 W3IYE154,213-845-738-A-36 W3IYE154,213-845-738-A-36 W3IYE154,213-845-738-A-40 W3CRF154,213-845-738-A-40 W3CRF154,213-845-738-A-40 W3CRF154,213-845-738-A-40 W3CRF188,229-816-738-A-40 W3CRF188,229-816-738-A-40 W3CRF188,229-816-738-A-40 W3CRF188,239-816-738-A-40 W3CRF188,238-816-818-818-818-818-818-818-818-818-81
44,820- 332-54-A-25 W3ZAQ44,280- 416-54-B-31 W3ZQ41,088- 323-64-B-20
W3ZQ41,088- 323-64-B-20 KB6BJ/338,360- 276-70-B-21 W3MOU31,695- 258-54-A-26
W3MOU31,695- 258-54-A-26 W3PYZ26,962- 223-61-B-20
W3MOU31,695-288-94-A-26 W3PYZ26,962-223-61-B-26 W3DCN15,150-202-30-A-27 W3DCN15,150-202-30-A-27 W3HRE12,420-184-27-A-24 W3KDD11,750-100-47-A-17 W8GYL/38680-113-31-A-28
W3HRE12,420- 184-27-A-24 W3KDD11,750- 100-47-A-17
W8GYL/38680- 113-31-A-22 W3YAG7000- 70-40-A- 8
W3QC5250- 75-35-B-12 W3FDJ3088- 65-19-A- 6
KN3EST 2820- 50-24-A-31 W3RNY 2750- 45-25-A- 6 W4WSF/3 2043- 43-19-A- 7
W3RNY2750- 45-25-A- 6 W4WSF/32043- 43-19-A- 7
KN3DDY520- 16-13-A- 4 W3LHE388- 16-10-A- 6
W3NHA18- 3-3-B W3MTU3- 1-1-A
W8YKM/3  44.820- 332-54-A-25  W3ZAQ. 44.280- 416-54-B-31  W3ZQ. 41.088- 323-64-B-20  K86BJ/3. 38.360- 276-70-B-21  W3MOU. 31.695- 288-54-A-26  W3PYZ. 26.962- 223-61-B-20  K3ANA. 19.805- 233-34-A-25  W3DCN. 15.150- 202-30-A-27  W3HRE. 12.420- 184-27-A-24  W3KDD. 11.750- 100-47-A-17  W3HZE. 12.420- 184-27-A-24  W3KDD. 3088- 65-19-A-6  KM3EST. 2820- 50-24-A-31  W3RY 2750- 45-25-A-6  W3WSY 2750- 45-25-A-6  W3WSY 2750- 45-25-A-6  W3WSY 3-2043- 43-19-A-7  KN3DDY 5-20- 16-13-A-4  W3SHZ 3-88- 61-0-A-6  W3WSY 3-8- 61-0-A-6  W3WSY 3-8- 61-0-A-6  W3WSY 3-8- 61-0-A-6  W3WSY 18- 388- 61-0-A-6  W3WSW 18- 58- 665-73-A-37
W3MTU3- L- 1-A- W3FYS (W3FYS, W6HOH) 194,185-1065-73-A-37 W3WV (W3WV. K86BJ) 157,289- 795-73-A-37 W3WSF (W3S CPB WSF) 99,280- 545-73-A-36 W3GOF (7 oprs.)
W3WSF (W3S CPB WSF)
W3GQF (7 oprs.)

W3EAX (W3s JWN YVQ YYC ZGN)58,515-503-47-A-40 W3FQR/3 (W3s FQR GHX HQX)20,504-175-47-A-15
Southern New Jersey W2HDW.157.413-903-70-A-40 W2SHM151.230-852-71-A-39 K2CPR125,259-680-73-A-34 K2OMT120,450-660-73-A-32 W2QDY102.850-605-68-A-37 W2EXB99.400-560-71-A-33 W2ILN95,794-591-65-A-28 K2UFE79,670-514-62-A-31
K2OOK 61,278- 522-47-A-29 W2DAJ 59,264-463-64-B-29 W2SDB 54,450-330-66-A-27 W2BUI. 49,500-300-66-A-22 K2BWR 40,279-234-69-A-37 K2OEA 37,375-300-50-A-24 K2MIO 33,150-221-60-A-16
W2FXN. 27,560-210-53-Å-6 W2RFB. 24,668-215-46-A-23 W2APD. 24,150-210-46-A-25 K2KMH. 23,188-187-50-A-24 K2BG. 18,105-142-51-A-12 W2BCV. 16,760-210-40-B-19 K2MPV. 16,575-170-39-A-21 K2FRC. 12,505-122-41-A-6
K2KFJ. 12,480- 104-48-A- 9 k2ZOM. 12,355- 183-28-A-30 W2MEO. 10,936- 142-31-A-27 W2TBD. 10,260- 114-36-A-16 K2PGB. 9025- 95-38-A-20 K2BZK/2. 7800- 80-39-A-12 W2'\AP. 4995- 111-18-A- 6 K2AIM. 2875- 50-23-A-13
K2VQH. 1620- 36-18-A-11 W2VCX. 1120- 28-16-A-5 W2PAZ. 1060- 27-16-A-3 K2SJL. 1018- 7-11 A-6 K2UTA. 1008- 31-13-A-1 W21SZ. 220- 12-8-A-2 W2PAU (W28 ESX PAU) 135-888- 783-70-A-39
Western New York W2SSC185,603-1017-73-A-34

W2PAU (W2s ESX PAU)	CE,
135,888- 783-70-A-39	
100,000 100 10 11 00	W9IR
Western New York	W9ZA
W2SSC185,603-1017-73-A-34	W9NI
K2MWK.131,920- 782-68-A-30	W9KI
W2FXA127,620 712-72-A-29	W9NI
W2FEB . 124,373- 721-69-A-40	W9PZ
K2MWM.112,880- 710-64-A-39	W9GI
W2GSJ112,146- 617-73-A-40	W9RC
K2EVP108,985- 615-71-A	W9JJ
W2WOE. 103,106- 636-65-A-35	W9LN
K2SSX75,375- 511-60-A-32	W9AN
K2UNR73,125- 565-52-A	W9YY
W2EMW. 70,810- 388-73-A-31	W9BZ
W2MTA64,945- 419-62-A-23	W9M.
K2UZJ62,963- 365-69-A-33	K9IN
K2UCF62,370- 449-56-A-31	W9VI
K2JVV51,548- 364-58-A-21	W9ZY
K2PKL46,500- 304-62-A-31	W9ZR
W2STJ46,480- 332-56-A-20	W9E
K2IMK39,600- 362-44-A-35	W9AI
K2DXV35,845- 214-67-A- 9	W9P(
W2VJO/234,935- 274-51-A-23	W9NI
K2VRD29,356- 337-35-A-30	W9F1
W2RHQ26,390- 182-58-A-20	W9W
W2NZA25,650- 285-45-B-15	K9DV
K2PKK24,049- 293-33-A-40	K9HN
W2CTA22,301- 157-57-A-14	W9A(
W2TPV 20,875- 168-50-A-16	K9AV
W2ZFI18,743- 147-51-A-15	K9KY
W2KKT18,630- 162-46-A-18	W9F
K2VPB15,258- 182-34-A-33	K9ISI
K2BFF15,139- 188-33-A-15	K9IY

W2CJQ	19 957	139-37-A-15
K2DWR	12,007	135-38-A-10
W2KEC	12,700-	
		148-26-A- 7
K2KCE	9400-	100-47-B- 3
$W2QYU^{1}$	8776-	125-33-A 23
K2TDW	7125-	76-38-A-16
W2OVP	5100-	85-24-A- 8
K2KKI		71-23-A-19
W2EEB	2750	56-20-A
KN2JXF*	2000	52-19-A-20
WV2BEX.		38-22-A-38
K2RTZ		48-16-A- 8
K2SSB		37-17-A- 3
KN2RXI	1445-	37-17-A-18
K2PMP	. 1040-	26-16-A- 4
KN2TCG.	363-	20-10-A-26
K2MTW		
KN2UCJ		
W2MSN (V		
	32,489~	279-47-A-40
*** .	-	

	32,489-	219-41-A-40
ll'este	rn Penns	ulvania
W3ZHQ	142,355-	803-71-A-40
		617-71-A-35
W3YDK	.95.134-	555-69-A-34
W3RNH.	66.500-	380-70-A-33
W3TXQ	51 408-	378-68-B-32
W3UGV	50 240-	314-64-A-22
W3GKY		245-67-A-20
W3NUG.		304-43-A-26
W3MEE.		260-47-A-28
K3AFY		197-51-A-26
K3BBJ		166-44-A-26
W3JHT		
		132-40-A-13
K3GPP	5250-	60-35-A-11
K3BDT	3768-	70-22-A- ~
K3BVV	3500-	56-25-A- 6
K3BZP		55-17-A- 8
K3CMC.	2024-	46-22-A
W3KQD.		30-17-A- 2
KN3DIJ.		29-16-A-16
KN3CWB	860-	22-16-A- 8

#### CENTRAL DIVISION

CENTRAL DIVISION
Illinois
W9IRH 177,210- 988-72-A-39
W9ZAB 159,870- 876-73-A-36
W9NPC: 158,153- 891-71-A-39
W9NPC. 158,153- 891-71-A-39 W9KLD. 157,224- 863-73-A-40
W9NII151.940- 858-71-A-40
W9PZT146,365- 802-73-A-40
W9GFF132,810- 792-73-A-38
W9RCJ142,799- 809-71-A-38
W9JJN141,400- 811-70-A-38 W9LNQ139,065- 762-73-A-38
W9LNQ. 139,065- 762-73-A-35
W9AMU 138,600- 770-72-A-37
W9YYG 137,160- 764-72-A-40 W9BZW 105.525- 635-67-A-37
W9BZW. 105,525- 635-67-A-37 W9MAK 105,210- 585-72-A-27
K9IND92,700- 515-72-A-40
W9VFZ86,709- 500-71-A-23
W9ZYD85,470- 519-66-A-3
WOZEC 78 840- 135-73-4-99
W9EXP72,975- 417-70-A-40
W9ARV70,587- 520-69-B-30
W9PCQ67,320- 408-66-A-30
W9NLF64.103- 390-66-A-46
W9FVT60.000- 400-60-A-27
W9WIO54,648- 396-69-B-1
K9DWG54,079- 315-69-A-30
K9HMY50,706- 332-61-A-23
W9AGM50,250- 300-67-A-18
K9AWV 49.000- 356-56-A-20 K9KYR 47.175- 318-60-A-30 W9FNX 43.323- 280-62-A-20
K9KYR47,175- 318-60-A-36
W9FNX43,323- 280-62-A-2
K9ISP40,500- 300-54-A-33 K9IVW 34 272- 252-68-B-33

W9IDO34,100- 248-55-A-16	K9IHG (K9s GEN IHG.	KØJMV (KØJMV, KNØQMU)	K8IYN14.479- 149-38-A-19
W9EET33,790- 218-62-A-26 W9REC32,500- 190-68-A-26 W9NIU32,376- 220-59 A-35	KN9QAD) 48,840- 407-60-B-39 KN9LIX (K9EIR, KN9LIX)	8373- 102-34-A-15	K8IYN14,479- 149-38-A-19 W8IVK14,200- 178-32-A-17 K8HKM9625- 138-28-A-14 W8JKX7178- 99-29-A-7
W9NIU 32,376- 220-59 A-35 K9CYV 31.813- 257-50-A-40 W9DWQ 31,775- 210-62-A-16 K9GAK 29,680- 215-56-A-33	KN9LIX (K9EJR, KN9LIX) 4163- 61-30-A-16 Wisconsin	DELTA DIVISION	KN8JUG6560- 92-32-A-21 K8DJQ5606- 100-23-A-18
W9HPG25,960- 176-59-A-24 K9HCP25,086- 220-47-A-24	W9RQM 198,450-1104-72-A-40 K9CAN 187,793-1029-73-A-40	Arkansas K5LNN 82,500- 500-66-A-36 W5BYJ 73,440- 465-64-A-36	W8OAF4314- 60-29-A- 8 K8IBJ3824- 81-19-A-11 K8JXL3478- 55-26-A- 8
K9HLW24,625- 204-50-A-19 K9HEA24,030- 180-54-A-18 W9YDQ20,588- 155-54-A-14	W9LVR/9 183,230-1004-73-A-38 W9DYG. 161,980- 891-73-A-40	W5DRW 56,484- 312-73-A-33 K5GRT 45,600- 309-60-A-28 K5HOL 11,341- 106-43-A-13	W8MGQ3080- 70-22-B- 4 K8HBI2625- 71-15-A- 5
W9ZEN23,230- 202-46-A-18 K9EGJ21,660- 183-48-A-17	W9KZZ 157,224 866-73-A-40 W9KZZ 157,224 866-73-A-36 W9WEN 140,175-802-70-A-40 K9ELT. 132,213-725-73-A-34 W9CBE 132,213-758-70-A-36 W9QYW.126,735-714-71-A-39	K5LFQ358- 13-11-A- 1	W8SPO2100- 35-24-A- 8 K8HEQ263- 18- 6-A- 1
K9JOO21,533- 160-54-A-19 K9KWB21,120- 192-44-A-27 K9EIS20,475- 205-42-A-19	W9CBE. 132,213- 725-73-A-34 W9CBE. 132,213- 758-70-A-36 W9QYW. 126,735- 714-71-A-39	K5JPB 105- 7- 6-A- 1 W5YM 32- 4- 4-B- 1	W8LEU150- 10- 6-A- 5 K8IGI (K8s GWZ IGI) 118,602- 900-66-B-40
W9VLR19,380- 190-51-B-21 K9JBK18.288- 194-38-A-24	W9UFV106,500- 600-71-A-34 K9LQF105,710- 596-71-A-39 W9RKP100,625- 575-70-A-33	Loutstana W5YDC. 191,625-1063-73-A-40	W8ZZ (W8s GEB IDJ) 3000- 48-25-A- 4
K9JSV17,938-206-35-A-35 W8KAL/9.17,800-183-40-A-31 W9QET17,600-160-44-A-16	W9QQQ90,588- 586-62-A-36 W9CHD85,750- 492-70-A-25	K5DGI188,888-1035-73-A-40 W5BUK111,435-648-69-A-39 W5AOV91,050-617-60-A-31	Ohio
K9JUU 17,430- 251-28-A-26 W9UKY 17,160- 220-39-B-22 K9DUA 16,663- 215-31-A-11	W9KXK79,023- 433-73-A-37 W9VCH74,993- 457-66-A-38 W9CAS73,500- 525-70-B-36	W5AOV91,050- 617-60-A-31 W5WMU76,326- 527-61-A-30 W5JTB69,120- 395-72-A-31 W5FBB 53,800-248-41,30	W8LQA198,378-1088-73-A-39 W8OYI172,708-973-71-A-36 W8EV147,143-853-69-A-36
K9CDK16,476- 136-49-A W9VPE15,375- 150-41-A-23 K9KWD15,330- 162-42-A-24	W9NYJ73,381- 499-59-A-35 W9VZK69,143- 440-63-A-38 W9PJT60,000- 400-60-A-26	W5ERR52,689- 348-61-A-39 K2OWE/5.45,338- 268-65-A K5JZZ42,996- 294-59-A-30	W8ZAU . 137,518- 821-67-A-35 W8YPT . 135,360- 759-72-A-36 W8QHW . 131,220- 730-72-A-40
K9DDT14,335- 123-47-A-11 K9HQM14.041- 123-47-A-19	K9GDF	K5JER26,055- 205-54-A-27 KN5RFL*8603- 94-37-A-22 K5IZO3430- 51-28-A- 8	W8RSW114,063- 625-73-A-36
K9BJM 13,140- 146-45-B-13 K9KIM 12,200- 125-41-A-14 K9IRP 11,813- 105-45-A-13		W5UDL2940- 56-21-A-11 KN5OGU1138- 35-13-A-27 KN5SGU481- 22-11-A- 5	W8ETU112,000- 640-70-A-36 W8ZJM104,481- 574-73-A-26 W8BOJ100,465- 566-71-A-21
K9IRP11,813- 105-45-A-13 K9LSN11,750- 100-47-A- 9 W9UXM11,563- 125-37-A-18	W9FBC 30,728 - 241-51-A-32 K9BCB 29,295 - 219-54-A-20 W9DPN 28,650 - 191-60-A	Mississinni	W8APC75,757-534-71-B-37 W8VQI73,865-438-68-A-34 W8LHV72,800-416-70-A W8NWR71,040-445-64-A-39
K9GSR11,360- 145-32-A-19 W9VPD11,353- 120-38-A-11 W9WFS11,221- 115-49-B- 5	W9MDG25,704- 204-63-B-13 K9CBE24,710- 172-56-A-34 W9GQO21,739- 173-51-A-26	W5FPI134,959- 749-73-A-38 K5IIN/5.104,040- 612-68-A-40 W5AM7 33,596- 267-51-A-20	W8NWR . 71,040- 445-64-A-39 K8AJV 68,723- 430-66-A-37
W9AUO10,658- 102-42-A-12 KN9OUU*.10,200- 113-40-A-29 K9IRF8925- 102-35-A-18	K9BSH 14,950- 130-46-A-10 W9GRF 13,870- 76-73-A-11 K9ECX 13,513- 115-47-A	W5AMZ33,596- 267-51-A-20 KN5OPM* 16,875- 163-45-A-32 KN5ONE 16500 23 33 4-32	K8AJV 68,723- 430-66-A-37 W8LVH 68,085- 402-68-A-39 W8DWP 65,450- 375-70-A-32 W8CSK 62,303- 351-71-A-28
K9JLG8645- 125-28-A K9GCI8500- 100-34-A-13 K9IMX7718- 150-21-A-17	W9TUU13,073- 125-42-A-20 K9OUA11,560- 147-32-A-26 K9GSC/910,750- 103-43-A-23	KN5QNE 6560- 83-32-A-20 W4ZVD/5 3625- 50-29-A-11 K5OTS 2214- 40-23-A- 8	W8CSK 62,303- 351-71-A-28 K8GID 62,300- 445-56-A-36 W8UPH 61,703- 433-57-A-30 W8UMA 60,456- 458-66-B-34
K N9M D F. 7136- 110-33-A-30	W9BOA 9570- 119-33-A-23	KN5PYX. 1943- 44-21-A-14 KN5RRG 675- 19-15-A-14 K5OTI 488- 15-13-A- 4	K8HLE59,535- 386-63-A-39 K8DEO58.800- 398-60-A-40
W9VCZ6975- 93-30-A-7 K9GVU6490- 121-22-A-17 KN9OCU5193- 76-31-A-28 KN9MBW/9	W9HDH9045-135-27-A-11 KN9LWV*8973-102-37-A-24 W9SIE7711-100-31-A-19	Tennessee	K8HBN 57,120- 357-64-A-33 K8BXT 52,841- 348-61-A-39 W8IDM 52,320- 329-64-A-32 W8NMR 51,765- 305-68-A-
5175- 72-30-A-39 W9HXW4785- 66-29-A- 7	VE3DQB/W9 5873- 84-29-A	K4LPW214,529-1176-73-A-40 W4NBV155,232-1078-72-B-40 W4ODR <sup>2</sup> 95,200-700-68-B-37	K8BAU 51.645- 313-66-A-37
W9YAC4680- 104-18-A-19 KN9MNT4260- 82-24-A-31 K9EUT3953- 51-31-A-6	W9WUQ5531- 89-25-A-24 W9OVZ5239- 64-33-A- 9 K9EQQ5198- 100-21-A-18	W4EQE58,860- 441-54-A-38 K4ZWR52,763- 302-70-A-35	K8GWK51,280- 325-64-A-40 K4GSU/851,035- 351-59-A W8UZJ48,400- 352-55-A-15
W9BJN3949- 59-27-A-12 K9JIN3806- 53-29-A- 8	W5ZLA/94414- 55-33-A-11 KN9LCA4208- 87-22-A-30 W9LTD3754- 72-21-A	W4SQE48,913- 301-65-A-32 K4PHY33,150- 256-52-A-24 W4TJI19,388- 141-55-A-12	W8UZJ 48,400- 352-55-A-15 K8HGT 48,300- 276-70-A-34 K8HFJ 47,250- 350-54-A-39 K8HZN 45,220- 328-56-A-33
K9JDJ 3565- 62-23-A-15 K9KZW 3469- 95-15-A-11 W9BIZ 3192- 67-24-B-13 W9HWN 2970- 55-27-B- 9	KN9MAS1620- 43-16-A- 7	K4BVZ16,963- 148-46-A-28 W4IFN11,448- 108-53-B- 8 KN4UUH*4130- 59-28-A-15	K8JPA40,538- 352-47-A-36
W9ECY2898- 61-19-A-13	W9UDK946- 24-17-A K9JPS810- 28-12-A-10 KN9LCD641- 31- 9-A-15	K4RSY3283- 51-26-A- 8 W4IIIO 3080- 56-22-A- 4	W8AL40,280 304-53-A-32 W8BVF39,825- 266-60-A-18 W8VZE38,775- 259-60-A-25
W9YYF2813- 45-25-A-12 KN2KSQ/9.2698- 43-26-A-22 KN9ORC. 2498- 51-27-A-23 W9KYW2358- 41-23-A-	K9JZE360- 16- 9-A- 2 KN9MWQ294- 24- 5-A-10	KN4SXK1283- 30-18-A-19 KN4VAM210- 12- 8-A- 8	W8KCK34,720- 219-64-A-25 K8EEG33,313- 205-65-A-14
W9FDY2178- 34-26-A- 7 KN9LIA2114- 49-19-A-20	KN9PDO203- 17- 6-A K9ALP180- 9- 8-A- 1 KN9MWR26- 4- 3-A- 3	GREAT LAKES DIVISION	W8BDO32,775- 223-60-A-17 K8EKG30,938- 225-55-A-23
K9IXK2060- 52-20-B- 5 W9NGG1943- 56-14-A- 7 KN9LOK1805- 43-19-A-12	K9GOS10- 2- 2-A- 1 W9FDX (2 oprs.) 101,105- 559-73-A-33	K4GEZ174,653-965-73-A-40	K8BSM30,090- 204-59-A-16 K8DTZ29,389- 233-51-A-18 W8GAC28,820- 268-44-A-21
<b>K9IKX1509-</b> 38-17-A-12 <b>W9EDH1395-</b> 31-18-A- 4	W9LYH (W5YSC, W9s LYH SZR)51.380- 367-56-A	W4CVI 129,940- 715-73-A-37 W4RPZ <sup>3</sup> 126,728- 868-73-B-40 W4JBQ 115,538- 711-65-A-30	W8NPF 28,819- 225-53-A-20 K8ETK 27,981- 304-37-A-21 W8GKB 27,300- 260-42-A-
KN9MMR1116- 29-19-A-16 KN9LRV923- 23-18-A-20	W9BTM (W98 BTM GW8) 46,965- 303-62-A-23 W9YT (W98 UDK VOO ZQA) 32,450- 275-59-B-13	K4KSB72,600- 440-66-A-33 K4KHG56,779- 364-63-A-34 W4OMW33,150- 222-60-A-16	W8NNX 26,740- 192-56-A-13 W8MXO 26,660- 215-62-B-25 W8MAE 25,080- 152-66-A-17
W9JMY920- 23-16-A- 4 K9IFB770- 22-14-A- 8 W9WAV713- 20-15-A- 5	KN9MKV (KN98 MAW MKV)	W4RHZ31,620- 248-51-A-26 K4QPJ21.611- 170-51-A-28	K8GNG24,875- 199-50-A-22 K8IPS 23.888- 198-49-A-20
W9BIN690- 24-12-A- 5 K9IWS500- 21-10-A- 6	W9HHX (W9s HHX UUO, K9CMP)780- 20-16-A- 4	K4JOP20,250- 205-40-A-12 KN4YFB5180- 78-28-A-29 KN4UEW5130- 62-36-A-18	W8SJU 23,100- 220-42-A-31 K8DHJ 21,100- 211-40-A-20 W8KMF 21,025- 145-58-A-23
KN9KLK481- 81-11-A- 9 KN9KUN450- 22- 9-A-22	DAKOTA DIVISION  North Dakota	Michigan W8DUS111,399- 798-71-B-38	W8STR 20,520- 217-38-A 18 W8RO 20,200- 203-40-A-18 KN8KNT*
W9TAL375- 15-10-A- 2 W9KYM353- 23- 7-A- 4 W9EZF236- 11- 9-A- 2	KØCNC106,760- 628-68-A-24 KØIVQ56,806- 378-61-A-40 K4JEP/Ø54,290- 363-61-A-39	W8PWQ103,845- 602-69-A-40 W8IZS89,026- 532-67-A-39	19,544- 156-53-A-39 W8MOH . 19,350- 180-43-A-24 W8IBX 19,227- 189-51-B- 7
W9TLC248- 11- 9-A- 2 W9VOK120- 10- 6-B- 3	WØYSO50,065- 330-62-A-38 КØНСҮ43,388- 287-61-A-34	K8CPR86,275- 508-68-A-34 K8KVV82,538- 536-62-A-36 W8TJQ83,311- 457-73-A-37	
W9SXL60- 6- 4-A- 3 K9EEC8- 2- 2-B- 1 W9NXN3- 1- 1-A- 1	WØYSO	W8VPC74,865- 436-69-A-34	K81QJ 16,211- 203-33-A-25 K8EJL 15,910- 172-37-A-13 W8DAE 15,713- 210 30-A-11 W8BYV 13,125- 125-42-A-16
K9GVD3- 1- 1-A- 1 KN9MDM/93- 1- 1-A- 1	KØADI 4295- 64-28-A-13 KNØMPH. 788- 26-14-A-24 KNØRHE 385- 14-11A- 7	K8GKX63,545- 358-71-A-40 W8APN62,390- 372-68-A-32	W8DAE 15,713- 210 30-A-11 W8BYV 13,125- 125-42-A-16 K8CFH 10,595- 163-26-A-13 K8HTI 9595- 101-38-A-12
Indiana W9YSX146,183-801-73-A-36	South Dakota	W8PVI. 72,105- 437-66-A-36 K8DDU 68,930- 453-61-A-36 K8GKX. 63,545- 358-71-A-40 W8APN. 62,390- 372-68-A-32 W8PXA. 56,875- 439-52-A-30 K8IUZ. 52,909- 409-53-A-32 W8DM. 52,250- 380-55-A-26 W8FAW. 47,663- 309-62-A-23 K8EPZ. 46,305- 348-54-A-23 K8GUM. 41,804- 316-53-A-17 WGCR. 30,906-A-21	KSIDH7781- 128-25-A-21 WSGRG 7410- 78-38-A-15
K9DWK126,788- 757-69-A-37 K9KJD83,545- 544-62-A-40	WØPHR193,550-1106-70-A-37 WØSMV92,136-700-66-B-35 WØWUU5610-66-34-A-6	W8FAW47,663- 309-62-A-23 K8EPZ46,305- 348-54-A-23 K8GUM41.804- 316-53-A-17	W8OYV 7013- 95-30-A-13 K8DXZ 5500- 100-22-A-13 K8DCP/8 5390- 100-22-A-2 KN8LE1 5348- 70-31-A-23
W9VAY. 31,015- 492-05-A-30 W9PGO. 53,950- 332-55-A-25 K9AUE. 53,838- 365-59-A-24 W9ZTD. 43,494- 333-66-B-18 K9JKO. 27,650- 203-56-A-16 W9WCS. 24,644- 202-61-B-21 KN9PDH*19,635- 156-51-A-37 K0AVI 15,275- 130,47-A-13	KØBMQ4260- 72-24-A-20  Minnesota	W8GB 39,300- 262-60-A-21 W8UAS 37,440- 208-72-A-21 K8HZU 36,960- 353-42-A-36	K8J1C3198- //-2/-A- 8
K9JKO27,650- 203-56-A-16 W9WCS24,644- 202-61-B-21	WØYCR209,328-1153-73-A-40 WØTKX179.630-1012-71-A-40	K8H2U . 30,900 333-42-A-30 K8HF . 33,150- 221-60-A-23 W8SCW . 32,400- 225-72-B-13 W8GEB . 28,950- 193-60-A-23	KSETIV 3548_ 43_33_4_19
KN9PDH*.19.635- 156-51-A-37 K9AYI 15.275- 130-47-A-13 K9CUY 7169- 78-37-A- 6 KN9MAF 6758- 80-34-A-33	KØIDV. 105,484- 615-69-A-28 KØIJL. 57,440- 306-64-A-28 KØAOU 40,950- 256-65-A-39 WØDAK. 18,200- 142-52-A-16	W8GEB28,950- 193-60-A-23 W8TKW26,460- 196-54-A-34 K8HAH22,680- 191-48-A-24	K81AE2969- 54-25-A-10 K8GUV2900- 41-29-A- 6
W9YDP 4766- 62-31-A-11	W0DAK 18,200- 142-52-A-16 K0LAX 6078- 76-34-A- 7 KN0QMU* 3173- 50-27-A-25 K0PML 2188- 36-25-A-11	W8GEB . 28,950- 193-50-A-23 W8TKW . 26,460- 196-54-A-34 K8HAH . 22,680- 191-48-A-24 W8VQB . 22,500- 150-60-A-26 W8KNP . 22,360- 174-52-A-11 K8HSX . 21,769- 197-45-A-16 WWKT . 20,685- 214-30. 4. 25	W8KJZ. 2280- 38-24 A-12 KN8KRN 2075- 43-20-A-14 W8JUP. 2074- 40-21-A- 9 K8DFY. 1978- 60-14-A- 5
KN9LIU3003- 33-23-A-20	KNØRHO2000- 46-20-A-20	W8MPD/8	W8BUM1836- 34-27-B- 3
K9HCK	KØÓÍV 1325- 27-20-A-14 KNØRKF 569- 21-13-A- 6 KØDCF 313- 13-10-A- 2 KØLIX (KØS BCL LIX)		K8BFZ1700- 41-17-A-12 K8BAL1500- 40-15-A- 5 W8DNC1378- 29 19-A- 6
KN9OGM, WØGCI) 126,360- 704-72-A-40	KØLIX (KØS BCL LIX) 43,523- 310-71-B-30	K8BGZ 18,315- 198-37-A-36 W8RGB 18,269- 203-37-A-32 W8FX 18,000- 200-36-A-17 W8EGI 16,100- 140-46-A- 8	W8QLJ1200- 40-15-B- 2 KN8LWF1103- 34-14-A-14



Says Michigan winner W8DUS, who has a KW-1 rockcrusher and 200 confirmed: "My ham career dates back to spark and although my business has been concerned with microphones and audio products, I am a card-carrying c.w. man." Incidentally, Al is W9IOP's boss.

W2ICO18,850- 130-58-A-15	W:
K2HTX18,522- 189-49-B-26	K2
W2YKQ15.400- 157-40-A-20	w
W2IRV 15.050- 150-43-4- 6	337
KOTRIT 14 890 101 40 4	777
WOLCON 14,020- 121-48-A-	W
W2KGN14,210- 98-58-A- 8	K2
K2UTY13,650- 200-35-B-15	W
W2THZ13,125- 210-25-A-15	K2
W2DQN12.094- 110-45-A-11	W
W2UAL 12.000- 120-40-A-10	w
W2DID 11 070- 171-28-A-16	3375
WOKWI 11,000 105 40 4 15	77.0
W2KVL11,288- 105-45-A-15	n.z
W21 N110,625- 125-34-A-11	K2
K2BH10,300- 103-40-A	W2
KN2POB* 10.050- 102-40-A-16	W
K2PXN 9019- 98-37-A-21	W
K2HGR 8446- 120-20-A-15	337
W21CH 7990 01 29 A 10	3376
W23GU1260- 91-52-A-19	VV Z
K2CJS6383- 70-37-A-17	W
K2VNS6156- 100-25-A-16	K2
W2ESO 5754- 69-42-B- 4	K2
K2JLD 5534- 117-19-A-10	K2
K2PHF 5502- 131-21-B- 3	K9
K2D7C 5460 04 96 A 94	1171
KOTIMO 5001 01 05 A 10	3376
K2UMU5031- 81-25-A-10	W
KN2PEQ4615- 74-26-A-28	W
W2TUK4080- 68-24-A- 3	W2
W2ICO 18,850-130-58-A-15 K2HTX 18,522-189-49-B-26 W2YKQ 15,400-157-40-A-20 W2IRV 15,050-150-43-A-6 K2TBU 14,520-121-48-A- W2KGN 14,210-98-58-A-8 K2UTY 13,650-200-35-B-15 W2THZ 13,125-210-25-A-15 W2DQN 12,094-110-45-A-11 W2UAL 12,000-120-40-A-10 W2DID 1,170-171-28-A-16 W2EVL 11,288-105-43-A-15 W2TNI 10,625-125-34-A-11 K2BH 10,300-103-40-A-6 K2PXN 10,625-125-34-A-15 W2TNI 10,625-125-34-A-15 W2LSG 538-3-7-A-21 K2HGR 8446-100-25-A-16 W2ESG 5784-69-42-B-4 K2JLD 5534-117-19-A-10 K2PHF 5502-131-21-B-3 K2DHG 5534-117-19-A-10 K2PHF 5502-131-21-B-3 K2DHG 5534-117-19-A-10 K2PHG 5502-131-21-B-3 K2DHG 4000-81-20-A-3 K2MIG 4000-81-20-A-3 K2MIG 4000-81-20-A-9 KN2UVV 3249-64-23-A-19 W2UNS 3240-81-6-A-10 W2UNS 3240-81-6	W: K2: W:
KN2UVV 3249- 64-23-A-19	W2
W2UNS 3240- 81-16-4-10	W
W2CIIF 2480- 62-16-A- 0	137
ZNOTZC 0106 50 01 4 05	VV 4
KN212G2120- 30-21-A-25	W 2
K2OEG2025- 45-18-A- 6	K2
W2JCA1575- 30-21-A- 4	K2
WV2BKC1200- 31-16-A-23	W۱
WA2BHB1088- 29-15-A- 6	KN
K2UVG 1023- 27-15-A- 2	W
K2OFT 038- 38-10-A- 7	1379
WYODOY 015 20 10 4 10	VV 2
W V 2BQK 915- 32-12-A-19	W 2
W2OBX748- 23-13-A	K2
W2CUE 248U- 02-10-A-9 KN2TZG 2126- 50-21-A-25 K2OEG 2025- 45-18-A-6 W2JCA 1575- 30-21-A-4 WY2BKC 1200- 31-16-A-23 W22BKC 1200- 31-16-A-23 W22BKB 1088- 29-15-A-6 K2UYG 1023- 27-15-A-7 W22BGK 915- 32-12-A-19 W20BX 748- 38-10-A-7 W2JGQ 630- 21-12-A-W2JGQ 630- 21-12-A-W2JGQ 630- 21-12-A-W2JGQ 630- 21-12-A-W2JGQ 75- 630- 21-13-A-17 KN2TFB 298- 17-7-A-7 KN2TFB 298- 17-7-A-1 W2MGV 175- 10-7-A-1 W2MGV 193- 12-7-A-1 W2MGV 193- 6-A-6 K2PVX 120- 8-6-A-1 K2PVX 120- 8-6-A-1 K2PVX 10- 9-5-A-4 K2QFF 100- 9-5-A-1 K2QFF 100- 9-5-A-1 K2QFF 100- 9-5-A-1 K2QFF 100- 9-5-A-1	K2
KN2KJX618- 21-13-A-17	K2
KN2TFB 298- 17- 7-A- 7	KN
KN2IOK 193- 12- 7-A-11	K2
W2MCV 175- 10- 7-A- 4	W.N
120 DVX 100 0 0 A 1	3373
K2PVX120- 8- 0-A- 1	VV
KN21JW 113- 8- 6-A- 6	W 2
W2QFF100- 9-5-A-4	
K2MQJ98- 7-6-A-1	K2
W2HBO90- 6-6 A-2	
KN2OFD 75- 8- 4-A- 7	$\mathbf{K}$ N
K28GO 63- 5-5-A-1	
WW9 A DW 62 5 5 A -	
V97VD 10 2 2 D	
K2Z1K10= 0= 0=D==	
KN2TEP4- 2-1-A-1	
W2RLM (W2RLM, K2KUJ)	
107,888- 694-63-A-40	
WA2ABC (WA28 ABC AHM)	W
63.128- 446-57-A-34	wi
K2AAW (K28 AAW ZYR)	w
18 450- 164-45-4-16	WE WE KE KE
KN9VWZ (K9KOH	117
KN9VW7) 10 9 9 4 1	77.0
KN2 V W Z) 10- 2- 2-A- 1	N.
3743 37 7	Ky
Northern New Jersey	W
W2DMJ184,500-1025-72-A-40	W
W2ZSM 176,750-1010-70-A-39	ΚÚ
W2CQB155.164- 900-69-A-38	Kΰ
K2LGN 141.620- 776-73-A-38	K a
W2OIB 149 625- 855-70-A-40	WY KY KY KY WY
K2CAI. 113 840- 680-67-4-40	TA J
W9EZV 112 150 690 79 4 90	W
WZFZ1113,150- 620-73-A-39	W
WZ1PJ107,745- 653-66-A-31	K
K2YJH100,040- 659-61-A-35	W
W2EBG99,000- 600-66-A-36	W
K2GHV 98,560- 704-70-B-40	K
K2MFF 86.423- 503-69-A-30	K
W2GND84.498- 466-73-4-28	K K K W
W2DRV 83 396- 530-63-4-30	117
TODITO 70 200 504 62 4 05	
	w
W2DHQ19,380- 304-03-A-23	
Northern New Jersey W2DMJ. 184,500-1025-72-A-40 W2ZSM. 176,750-1010-70-A-39 W2CQB. 155,164-900-69-A-38 K2LGN. 141,620-776-73-A-38 W2OIB. 49,625-855-70-A-40 K2GAL. 113,649-680-67-A-40 W2FZY. 113,150-620-73-A-39 W2TPJ. 107,745-653-66-A-31 W2EBG. 99,000-600-66-A-35 W2EBG. 99,000-704-70-B-40 K2MFF. 86,423-503-69-A-30 W2GND. 84,498-466-73-A-28 W2GND. 84,498-466-73-A-28 W2GND. 84,498-500-63-A-35 W2GND. 84,498-500-63-A-35 W2WGN. 79,380-504-63-A-25 W2WOS. 78,315-45-69-A-31 W2KHT. 68,413-422-65-A-30	W

58-A-15 49-B-26	
58-A-15	
	W2BWW25.350- 169-60-A-34
49-B-26	W2BWW25,350- 169-60-A-34 K2UBW24,559- 260-38-A-29
40-A-20	W2GBY . 21,700- 217-40-A-13 W2VMX . 21,000- 203-42-A-22 W2OPE 18,866- 176-43-A-30
40-A-20	W2GB121,700- 217-40-A-13
43-A- 6	W2VMX21.000- 203-42-A-22
48-A 58-A- 8 35-B-15 25-A-15	W20PE 19 988 178 42 A 20
£0 1 0	W20FE 18,866- 176-43-A-30 K2BJA 18,600- 186-40-A-13 W2ABL 16,720- 152-44-A-9 K2HRS 15,360- 192-32-A-19 W2SXV/2. 12,900- 135-40-A-18 W2IBZ 12,788- 166-31-A-11
58-A- 8	K2BJA18,600- 186-40-A-13
35-B-15	W2ABL 16.720- 152-44-A- Q
95-A-15	V2HD2 15 200 100 00 4 10
20-A-10	K2HR515,300- 192-32-A-19
40-A-11	W2SXV/2.12,900- 135-40-A-18
40-A-10	W2IBZ 12 788- 166-31-4-11
28-A-16	WOTETD 10 040 100 45 T
28-A-10	W 21 J D 12,240- 136-45-B
43-A-15	K2PIM12,160- 128-38-A- 9
34-A-11	K2PGH 11 715- 143-33-A-11
43-A-15 34-A-11 40-A-	W2DBZ/ 2: 390- 133-30-A-15 W2TBZ 12: 788- 166-31-A-11 W2TBD 12:240- 136-45-B K2PIM 12: 160- 128-38-A- 9 K2PGH 11: 715- 143-33-A-11 W2LTL 11: 550- 200-24-A-24 W2WW 11: 408- 117-39-A- 9 W2PRE 10: 658- 73-73-B-22 W2ZVW 9975- 105-38-A- 7 W2ANG 9400- 100-47-B- 5 W2RWM 9240- 112-33-A- 9 K2VVL 8619- 111-39-B-12 K2DSW 8578- 73-47-A- 5 K2TEO. 8505- 81-42-A-19 K2ZHK. 8443- 154-22-A-14 W2BDV* 7219- 85-35-A-33 W2UCA. 7088- 105-27-A-19 K2ZHK. 8443- 154-22-A-14 W2BDV* 7219- 85-35-A-33 W2UCA. 7088- 105-27-A-19 K2FED 6698- 100-34-B- 5 W2BGFW 6698- 100-34-B- 5 W2BGL 630- 102-24-A-15 W2BU 5320- 76-28-A- 5 W2FSL 3892- 70-28-B- 6 W2PY. 3740- 68-22-A-10
40-A 40-A-16 37-A-21 29-A-15 32-A-19 37-A-17 25-A-16	W2L1111,550- 200-24-A-24
40-A-16	W2WW11.408- 117-39-A- 9
37-A-21	W2DDF 10.659 72.72 D 22
00 A 15	W21 ICE10,000- 10-10-D-22
29-A-15	W2ZVW9975- 105-38-A- 7
32-A-19	W2ANG 9400- 100-47-B- 5
27 A 17	W2DWM 0240 110 22 4 0
91-W-11	W 2 R W M 9240- 112-33-A- 9
25-A-16	K2VVL8619- 111-39-B-12
42-B- 4	K2DSW 8578- 73-47-A-5
19-A-10	TOTTEO OFOE OLIO
19-A-10	K21EU8000- 81-42-A-19
21-B- 3	K2ZHK8443- 154-22-A-14
26-A-24	WV9RDV* 7910 95.25 A 92
20-7-24	W V2DD V 7219 00-00-A-00
25-A-10	W2UCA7088 105-27-A-19
26-A-28	W2GFW 6698- 100-34-B- 5
04 4 2	WODOI
21-B- 3 26-A-24 25-A-10 26-A-28 24-A- 3 20-A- 9 23-A-10	W2DUL0030- 102-24-A-15
20-A- 9	W2CFW5735- 74-31-A-11
23-A-19	W2BII 5320, 76-28-4-5
10 1 10	WOEGT 0000 #0.00 TO
10-A-10	W2FSL3892- 70-28-B- 6
16-A-10 16-A- 9	W2PY3740- 68-22-A-10
16-A- 9 21-A-25 18-A- 6 21-A- 4 16-A-23	WOTID 2562 75 10 A 7
10 4-20	W 231D 0000- 70-19-A 7
18-A- 6	K2DN3500- 70-20-A- 8
21-A- 4	K2ZSN 2800- 56-20-4-20
16-4-92	WV9DIK 9670 59 91 A 90
16-A-23 15-A- 6	W V Z D L R 2016- 35-21-A-20
15-A- 6	KN2MBX2231- 44-21-A-16
15-A- 0 15-A- 2 10-A- 7 12-A-19 13-A	W21I
10 4 7	W2COG 1480- 37-16-A-5 W2COG 1480- 37-16-A-5 W2ILF 1225- 35-14-A-9 K2RXN 1120- 33-14-A-5 K2DWL 720- 22-18-A-2 K2VAB 682- 31-11-B-2 KY2SBW 440- 17-11-A-6
10-A- 1	W2COG1480- 37-16-A-23
12-A-19	W2ILF1225- 35-14-A- 9
12-4	K2RYN 1120 22-14-A 5
10-71-	170TOTAL 700 00 10 1 0
12-A	K2DWL720- 22-18-A- 2
13-A-17	K2VAB682- 31-11-B- 2
7-4-7	KN9SBW 440 17-11 A 6
	KN25DW 440- 17-11-A- 0
7-A-11	K2SX.K288- 12-10-A
7-A-11 7-A- 4	K2SXK288- 12-10-A KN2OGY 280- 14- 8-A- 4
7-A-11 7-A- 4	K2SXK288- 12-10-A KN2OGY280- 14- 8-A- 4
7-A-11 7-A- 4 6-A- 1	K2SXK. 288- 12-10-A KN2OGY 280- 14- 8-A- 4 WV2APT 254- 19- 7-A-22
12-A 13-A-17 7-A- 7 7-A-11 7-A- 4 6-A- 1 6-A- 6	K2SXK288- 12-10-A KN2OGY280- 14- 8-A- 4 WV2APT254- 19- 7-A-22 W2LRO (W2s LRO SJU)
7-A-11 7-A- 4 6-A- 1 6-A- 6 5-A- 4	KN2OGY280- 14- 8-A- 4
7-A-11 7-A- 4 6-A- 1 6-A- 6 5-A- 4	KN2OGY 288- 12-10-A KN2OGY 280- 14- 8-A- 4 WV2APT 254- 19- 7-A-22 W2LRO (W2s LRO SJU) 53,375- 350-61-A-24
7-A-11 7-A- 4 6-A- 1 6-A- 6 5-A- 4 6-A- 1	X2SXK 288- 12-10-A- KN2OGY 280- 14- 8-A- 4 WV2APT 254- 19- 7-A-22 W2LRO (W28 LRO SJU) 53,375- 350-61-A-24 K2COY (K28 CCV COY)
7-A-11 7-A- 4 6-A- 1 6-A- 6 5-A- 4 6-A- 1 6 A- 2	K2COY (K28 CCV COY)
7-A-11 7-A-4 6-A-1 6-A-6 5-A-4 6-A-1 6 A-2	K2COY (K28 CCV COY)
7-A-11 7-A- 4 6-A- 1 6-A- 6 5-A- 4 6-A- 1 6 A- 2 4-A- 7	K2COY (K28 CCV COY) 22,570- 257-37-A-31 KN2OUX (2 oprs.)
5-A- 4 6-A- 1 6 A- 2 4-A- 7 5-A- 1	K2COY (K28 CCV COY)
5-A- 4 6-A- 1 6 A- 2 4-A- 7 5-A- 1 5-A	K2COY (K28 CCV COY) 22,570- 257-37-A-31 KN2OUX (2 oprs.)
5-A- 4 6-A- 1 6 A- 2 4-A- 7 5-A- 1 5-A	K2COY (K28 CCV COY) 22,570- 257-37-A-31 KN2OUX (2 oprs.)
5-A- 4 6-A- 1 6 A- 2 4-A- 7 5-A- 1 5-A 3-B	K2COY (K28 CCV COY) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26
5-A- 4 6-A- 1 6 A- 2 4-A- 7 5-A- 1 5-A 3-B	K2COY (K28 CCV COY) 22,570- 257-37-A-31 KN2OUX (2 oprs.)
5-A- 4 6-A- 1 6 A- 2 4-A- 7 5-A- 1 5-A 3-B 1-A- 1	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
5-A- 4 6-A- 1 6 A- 2 4-A- 7 5-A- 1 5-A 3-B 1-A- 1	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
5-A- 4 6-A- 1 6 A- 2 4-A- 7 5-A- 1 5-A 3-B 1-A- 1	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
5-A- 4 6-A- 1 6 A- 2 4-A- 7 5-A- 1 5-A 3-B 1-A- 1 KUJ) 63-A-40 AHM)	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
5-A- 4 6-A- 1 6 A- 2 4-A- 7 5-A- 1 5-A 3-B 1-A- 1 KUJ) 63-A-40 AHM)	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
5-A- 4 6-A- 1 6 A- 2 4-A- 7 5-A- 1 5-A 3-B 1-A- 1 KUJ) 63-A-40 AHM)	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
5-A- 4 6-A- 1 6 A- 2 4-A- 7 5-A- 1 5-A 3-B 1-A- 1 KUJ) 63-A-40 AHM) 57-A-34 (R)	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
5-A- 4 6-A- 1 6 A- 2 4-A- 7 5-A- 1 5-A 3-B 1-A- 1 KUJ) 63-A-40 AHM)	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
5-A- 4 6-A- 1 6 A- 2 4-A- 7 5-A- 1 5-A 3-B 1-A- 1 KUJ) 63-A-40 AHM) 57-A-34 (R)	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
5-A- 4 6-A- 1 6 A- 2 4-A- 7 5-A- 1 5-A 3-B 1-A- 1 KUJ) 63-A-40 AHM) 57-A-34 (R) 45-A-16	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
5-A- 4 6-A- 1 6 A- 2 4-A- 7 5-A- 1 5-A 3-B 1-A- 1 KUJ) 63-A-40 AHM) 57-A-34 (R)	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
5-A- 4 6-A- 1 6 A- 2 4-A- 7 5-A- 1 5-A- 1 5-A- 1 1-A- 1 KUJ) 63-A-40 AHM) 57-A-34 (R) 45-A-16	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
5-A- 4 6-A- 1 6 A- 2 4-A- 7 5-A- 1 5-A- 1 5-A- 1 1-A- 1 KUJ) 63-A-40 AHM) 57-A-34 (R) 45-A-16	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
5-A- 4 6-A- 1 6-A- 2 4-A- 7 5-A- 1 5-A 3-B 1-A- 1 KUJ) 63-A-40 57-A-34 (R) 45-A-16 2-A- 1	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
5-A- 4 6-A- 1 6-A- 2 4-A- 7 5-A- 1 5-A 3-B 1-A- 1 KUJ) 63-A-40 57-A-34 (R) 45-A-16 2-A- 1	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
5-A- 4 6-A- 1 6-A- 2 4-A- 7 5-A- 1 5-A 3-B 1-A- 1 KUJ) 63-A-40 57-A-34 (R) 45-A-16 2-A- 1	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
5-A- 4 6-A- 1 6-A- 2 4-A- 7 5-A- 1 5-A 3-B 1-A- 1 KUJ) 63-A-40 57-A-34 (R) 45-A-16 2-A- 1	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
5-A- 4 6-A- 1 6-A- 2 4-A- 7 5-A- 1 5-A 3-B 1-A- 1 KUJ) 63-A-40 57-A-34 (R) 45-A-16 2-A- 1	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
0-A- 0 6-A- 1 6-A- 1 6-A- 1 5-A- 1 5-A- 1 5-A- 1 1-A- 1 KUJ) 63-A-40 AHM) 57-A-34 (R) 2-A- 1 ey 72-A-40 70-A-39 69-A-38 73-A-38	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
0-A- 0 6-A- 1 6-A- 1 6-A- 1 5-A- 1 5-A- 1 5-A- 1 1-A- 1 KUJ) 63-A-40 AHM) 57-A-34 (R) 2-A- 1 ey 72-A-40 70-A-39 69-A-38 73-A-38	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
0-A- 0 6-A- 1 6-A- 1 6-A- 1 5-A- 1 5-A- 1 5-A- 1 1-A- 1 KUJ) 63-A-40 AHM) 57-A-34 (R) 2-A- 1 ey 72-A-40 70-A-39 69-A-38 73-A-38	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
0-A- 0 6-A- 1 6-A- 1 6-A- 1 5-A- 1 5-A- 1 5-A- 1 1-A- 1 KUJ) 63-A-40 AHM) 57-A-34 (R) 2-A- 1 ey 72-A-40 70-A-39 69-A-38 73-A-38	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
0-A- 0 6-A- 1 6-A- 1 6-A- 1 5-A- 1 5-A- 1 5-A- 1 1-A- 1 KUJ) 63-A-40 AHM) 57-A-34 (R) 2-A- 1 ey 72-A-40 70-A-39 69-A-38 73-A-38	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
0-A- 0 6-A- 1 6-A- 1 6-A- 1 5-A- 1 5-A- 1 5-A- 1 1-A- 1 KUJ) 63-A-40 AHM) 57-A-34 (R) 2-A- 1 ey 72-A-40 70-A-39 69-A-38 73-A-38	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
0-A- 0 6-A- 1 6-A- 1 6-A- 1 5-A- 1 5-A- 1 5-A- 1 1-A- 1 KUJ) 63-A-40 AHM) 57-A-34 (R) 2-A- 1 ey 72-A-40 70-A-39 69-A-38 73-A-38	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
0-A- 0 6-A- 1 6-A- 1 6-A- 1 5-A- 1 5-A- 1 5-A- 1 1-A- 1 KUJ) 63-A-40 AHM) 57-A-34 (R) 2-A- 1 ey 72-A-40 70-A-39 69-A-38 73-A-38	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
0-A- 0 6-A- 1 6-A- 1 6-A- 1 5-A- 1 5-A- 1 5-A- 1 1-A- 1 KUJ) 63-A-40 AHM) 57-A-34 (R) 2-A- 1 ey 72-A-40 70-A-39 69-A-38 73-A-38	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
0-A- 0 6-A- 1 6-A- 1 6-A- 1 5-A- 1 5-A- 1 5-A- 1 1-A- 1 KUJ) 63-A-40 AHM) 57-A-34 (R) 2-A- 1 ey 72-A-40 70-A-39 69-A-38 73-A-38	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
0-A- 0 6-A- 1 6-A- 1 6-A- 1 5-A- 1 5-A- 1 5-A- 1 1-A- 1 KUJ) 63-A-40 AHM) 57-A-34 (R) 2-A- 1 ey 72-A-40 70-A-39 69-A-38 73-A-38	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
0-A- 0 6-A- 1 6-A- 1 6-A- 1 5-A- 1 5-A- 1 5-A- 1 1-A- 1 KUJ) 63-A-40 AHM) 57-A-34 (R) 2-A- 1 ey 72-A-40 70-A-39 69-A-38 73-A-38	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
0-A- 0 6-A- 1 6-A- 1 6-A- 1 5-A- 1 5-A- 1 5-A- 1 1-A- 1 KUJ) 63-A-40 AHM) 57-A-34 (R) 2-A- 1 ey 72-A-40 70-A-39 69-A-38 73-A-38	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
0-A- 0 6-A- 1 6-A- 1 6-A- 1 5-A- 1 5-A- 1 5-A- 1 1-A- 1 KUJ) 63-A-40 AHM) 57-A-34 (R) 2-A- 1 ey 72-A-40 70-A-39 69-A-38 73-A-38	K2COY (K2S ČĆV ČOÝ) 22,570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION
5-A- 4 6-A- 1 6-A- 2 4-A- 7 5-A- 1 5-A 3-B 1-A- 1 KUJ) 63-A-40 57-A-34 (R) 45-A-16 2-A- 1	K2COY (K2s CCV COY) 22.570- 257-37-A-31 KN2OUX (2 oprs.) 480- 22-12-A-26 MIDWEST DIVISION

# 51,621- 340-61-A-34 K8WBL (4 oprs.) 44,220- 264-66-A-25 K8CZJ/8 (W8TTN, K8CZJ) 37,700- 261-58-A-36 W8ODJ/8 (W8GKB, K88 BSV DFW)... 19,580- 178-44-A-11 **HUDSON DIVISION**

KN8LVW... 893-KN8LVR... 413-W8VUV... 289-KN8LGB... 160-KN8LGB... 160-KN8LGB... 160-KN8LGB... 160-KN8LGB... 160-KN8LTI... 75-W8TLT... 70-W8TLT... 70-W8FLQ... 45-W8SDJ (W8S IFX SDJ) 166,258- 911-73-A-39 W8MAX (W8S OHN QWI, K88 DXW HKB IQQ) 86,460-524-66-A-40 K8DVJ (K88 CTQ DVJ) 51,621-53,750-500-43-A-40 K8JIX (K8S EHE JIX) 51,621-51,621-51,621-51,621-51,621-51,621-51,621-51,621-51,621-51,621-51,621-51,621-51,621-51,621-51,621-51,621-51,621-51,621-51,621-

Eastern New York	
W2VCB111,873- 614-73-A	
K2VHU80,800- 508-64-A	
K2EIU63,830- 492-52-A	
K2QIX59,378- 411-58-A	
K2MBU50,513- 461-45-	
K2TIY46,800 312-60-A	
K2HJX39,780- 307-52-A	
W2TER35,640- 298-48-A	
W2AZO 34,298- 269-51-	
W2CJM27,848- 237-59-1	
W2PKY26,031- 213-49-A	
K2YAZ25,691- 203-51-	
K2YXB23,445- 263-36-4	
K2MKC15,180- 255-24-	
W2NOY14,600- 100-73-1	
W2RZK9373- 162-23-4	
K2BIG 9010- 107-34-4	A-15
K2KUA8706- 100-35-	A-10
K2ZAU8040- 102-40-1	B- 7
KN2QBD*8003- 100-33-	A-40
K2GFX/27468- 103-29-	A- 8
K2YFI6570- 73-37-	A- 5
WV2AYM5938- 66-38-	A-28
W2GRI 4725- 70-28-	
K2YTK4263- 55-31-	
	-

63, 128- 446-57-A-34 K2AAW (K28 AAW ZYR) 18, 450- 164-45-A-16 KN2VWZ (K2KQH, KN2VWZ). 10- 2- 2-A- 1 W2CWZ (K2KQH, KN2VWZ). 10- 12- 2-A- 1 W2CMB. 176, 750-1010-70-A-39 W2CQB. 155, 164- 900-69-A-38 K2LGN. 141, 620- 776-73-A-38 W2CIB. 149, 625- 855-70-A-40 K2GAL. 113, 649- 680-67-A-40 W2FZY 113, 150- 620-73-A-39 W2TFJ. 107, 745- 653-66-A-31 K2YJH. 100, 040- 658-61-A-35 W2EBG. 99,000- 600-66-A-36 K2GHV. 98, 550- 704-70-B-40 K2MFF. 86, 423- 503-69-A-30 W2GND. 84, 498- 466-73-A-28 W2GND. 84, 498- 466-73-A-28 W2GND. 84, 498- 503-68-A-31 W2KHT. 88, 413- 422-65-A-31 W2KHT. 68, 413- 422-65-A-31 W2KHT. 68, 413- 422-65-A-31 W2KHT. 68, 413- 422-65-A-31 W2KHT. 68, 413- 422-65-A-33 W2LSX. 67, 938- 507-67-B-25 W2CVW. 62, 685- 400-63-A-29 W2BRC. 52, 515- 389-54-A-29 W2BRC. 52, 515- 389-54-A-29 W2BRC. 52, 515- 389-54-A-29 W2BRC. 374-50-A-35 W2UKY. 46, 740- 374-50-A-29 W2BRC. 374-50-A-30 K2QYI. 44, 010- 329-54-A-17 W2HUG. 39, 456- 61-A-12 W2HUG. 39, 456- 626-59-A-20 W2SUB. 36, 578- 277-54-A-24 K2EUUT. 30, 210- 212-57-A-27	WA2ABC	(WA2s ABC AHM)
18,450-164-45-A-16 KN2VWZ (K2KQH, KN2VWZ). 10- 2-2-A-1  Northern New Jersey W2DMJ. 184,500-1025-72-A-40 W2ZSM. 176,750-1010-70-A-39 W2CQB. 155,164-900-69-A-38 K21_GN. 141,620-776-73-A-38 W201B. 149,625-855-70-A-40 K2GAL. 113,649-680-67-A-40 W2FZY 113,150-620-73-A-39 W2TFJ. 107,745-653-66-A-35 W2EBG. 99,000-600-66-A-36 K2YJH. 100,040-659-61-A-35 W2EBG. 99,000-704-70-B-40 K2MFF. 86,423-503-69-A-30 W2GND. 84,498-466-73-A-28 W2GND. 84,498-466-73-A-28 W2GND. 84,498-504-63-A-28 W2KHT. 68,413-504-63-A-28 W2KHT. 68,413-507-67-B-25 W2CVW. 67,685-40-63-A-26 W2CVW. 67,685-40-63-A-29 W2BRC. 52,015-889-54-A-30 K2GHT. 46,436-305-61-A-17 W2HUG. 46,423-300-72-A-14 W2EHN. 46,725-313-59-A-26 W2WHI. 44,010-329-54-A-10 W2HUG. 39,456-269-59-A-20		63,128- 446-57-A-34
KN2VWZ (K2KQH, KN2VWZ). 10- 2- 2-A-1  Northern New Jersey  W2DMJ. 184,500-1025-72-A-40  W2ZSM. 176,750-1010-70-A-39  W2CQB. 155,164- 900-69-A-38  K2LGN. 141,620- 776-73-A-38  W201B. 149,625- 855-70-A-40  W2PZY. 113,150- 620-73-A-39  W2CDJ. 113,649- 680-67-A-40  W2PZY. 113,150- 620-73-A-39  W2TJJ. 107,745- 653-66-A-31  K2YJH. 100,040- 659-61-A-35  K2GAL. 13,649- 659-66-A-36  K2GHV. 98,560- 704-70-B-40  K2MFF. 86,423- 503-69-A-30  W2GND. 84,498- 466-73-A-28  W2DRV. 83,396- 530-63-A-30  K2BHQ. 79,380- 504-63-A-25  W2WDS. 78,315- 454-69-A-31  W2KHT. 68,413- 422-65-A-30  K2AYC. 68,340- 408-67-A-32  K2PLF. 57,264- 376-61-A-29  W2BRC. 52,515- 389-54-A-28  K2EKM. 47,235- 411-47-A-35  W2OWX. 46,750- 374-50-A-25  W2DHX. 46,436- 305-61-A-14  W2EHN. 46,436- 305-61-A-14  W2EHN. 46,725- 313-59-A-26  W2WELN. 46,400- 373-5-A-30  K2QYI. 44,010- 329-54-A-10  W2HUG. 46,423- 300-72-A-19  W2HUG. 48,640- 39-54-A-10	K2AAW (	
KN2VWZ). 10- 2- 2-A- 1  Northern New Jersey W2DMJ. 184,500-1025-72-A-40 W2ZSM. 176,750-1010-70-A-39 W2CQB. 155,164-900-69-A-38 K2LGN. 141,620- 776-73-A-38 W2OLB. 149,625- 855-70-A-40 K2GAL. 113,649- 680-67-A-40 W2FZY. 113,150- 620-73-A-39 W2TFJ. 107,745- 653-66-A-31 K2YJH. 100,040- 659-61-A-35 W2EBG. 99,000- 600-66-A-36 K2GHV. 98,560-70-470-B-40 K2MFF. 86,423- 503-69-A-30 W2GND. 84,498- 466-73-A-28 W2GND. 84,498- 466-73-A-28 W2GND. 84,498- 466-73-A-28 W2GND. 84,498- 466-73-A-28 W2GND. 85,396- 530-63-A-35 W2WOS. 78,315- 454-69-A-31 K2LG. 67,388- 50-63-A-30 K2LGV. 67,938- 50-63-A-29 W2WOS. 78,315- 46-40-A-31 W2KLG. 67,938- 50-63-A-29 W2KLG. 67,938- 50-63-A-29 W2KLG. 67,938- 50-63-A-29 W2BCC. 25,515- 308-54-A-29 W2BCC. 25,515- 308-54-A-29 W2BCC. 37,64- 376-61-A-29 W2BCC. 37,64- 376-61-A-17 W2BCC. 46,423- 300-72-A-14 W2EHN. 46,725- 313-59-A-26 W2EWZ. 44,200- 273-65-A-36 K2QYI. 44,010- 329-54-A-19 W2HUG. 39,456- 269-59-A-20	KNOVWZ	18,450- 104-45-A-10
Northern New Jersey W2DMJ. 184,500-1025-72-A-40 W2ZSM. 176,750-1010-70-A-39 W2CQB. 155,164- 900-69-A-38 W2CJGB. 155,164- 900-69-A-38 W2OJB. 141,620- 776-73-A-38 W2OJB. 149,625- 855-70-A-40 W2PZY. 113,150- 620-73-A-39 W2TPJ. 107,745- 653-66-A-31 K2YJH. 100,040- 659-61-A-35 W2EBG. 99,000- 600-66-A-35 K2GHV. 98,560- 70-4-70-B-40 K2MFF. 86,423- 503-69-A-30 W2GND. 84,498- 466-73-A-28 W2DRV. 83,396- 504-63-A-25 W2DRV. 68,340- 459-63-A-30 K2BHQ. 79,380- 504-63-A-25 W2WOS. 78,315- 454-69-A-31 W2KHT. 68,413- 422-65-A-30 K2AYC. 68,340- 408-67-A-33 W2LSX. 67,938- 507-67-B-25 W2CVW. 62,685- 400-63-A-25 W2CVW. 62,685- 400-63-A-25 W2EKM. 47,235- 411-47-A-35 W2BRC. 52,515- 389-54-A-30 W2GHT. 46,436- 305-61-A-17 W2TWC. 46,423- 300-72-A-17 W2TWC. 46,423- 300-72-A-36 K2QYI. 44,010- 329-54-A-10 W2HUG. 49,450-	KN2VV	VZ) 10- 2-2-A-1
W2DMJ. 184,500-1025-72-A-40 W2ZSM. 176,750-1010-70-A-39 W2CQB. 155,164- 900-69-A-38 K2LGN. 141,620- 776-73-A-38 W201B. 149,625- 855-70-A-40 W2F2Y. 113,150- 620-73-A-39 W2TPJ. 107,745- 653-66-A-31 K2YJH. 100,040- 659-61-A-31 K2YJH. 100,040- 659-61-A-31 K2YJH. 100,040- 659-61-A-36 K2GHV. 98,560- 704-70-B-40 K2MFF. 86,423- 503-69-A-30 W2GND. 84,498- 466-73-A-28 W2DRV. 83,396- 530-63-A-30 K2BHQ. 79,380- 504-63-A-23 W2LSX. 67,938- 504-63-A-23 W2LSX. 67,938- 507-67-B-25 W2CVW. 62,685- 400-63-A-22 K2PLF. 57,264- 376-61-A-29 W2BRC. 52,515- 389-54-A-28 K2EKM. 47,235- 411-47-A-35 W2DRV. 46,750- 374-50-A-25 W2DRV. 46,760- 374-50-A-30 K2QYI. 46,420- 374-50-A-30 K2QYI. 44,010- 329-54-A-10 W2HUG. 39,456- 269-59-A-20	11.12 1 1	· 2) 10- 2- 2-11- 1
W2DMJ. 184,500-1025-72-A-40 W2ZSM. 176,750-1010-70-A-39 W2CQB. 155,164- 900-69-A-38 K2LGN. 141,620- 776-73-A-38 W201B. 149,625- 855-70-A-40 W2F2Y. 113,150- 620-73-A-39 W2TPJ. 107,745- 653-66-A-31 K2YJH. 100,040- 659-61-A-31 K2YJH. 100,040- 659-61-A-31 K2YJH. 100,040- 659-61-A-36 K2GHV. 98,560- 704-70-B-40 K2MFF. 86,423- 503-69-A-30 W2GND. 84,498- 466-73-A-28 W2DRV. 83,396- 530-63-A-30 K2BHQ. 79,380- 504-63-A-23 W2LSX. 67,938- 504-63-A-23 W2LSX. 67,938- 507-67-B-25 W2CVW. 62,685- 400-63-A-22 K2PLF. 57,264- 376-61-A-29 W2BRC. 52,515- 389-54-A-28 K2EKM. 47,235- 411-47-A-35 W2DRV. 46,750- 374-50-A-25 W2DRV. 46,760- 374-50-A-30 K2QYI. 46,420- 374-50-A-30 K2QYI. 44,010- 329-54-A-10 W2HUG. 39,456- 269-59-A-20	Nort	hern New Jersey
W2ZSM. 176,750-1010-70-A-39 W2CQB. 155,164-900-69-A-38 K2LGN. 141,620-776-73-A-38 W2CIB. 149,625-855-70-A-40 K2GAL. 113,649-680-67-A-40 W2FZY. 113,150-620-73-A-39 W2TFJ. 107,745-653-66-A-31 W2FBG. 99,000-600-66-A-36 W2EBG. 99,000-600-66-A-36 W2GND. 84,498-466-73-A-28 W2GND. 84,498-466-73-A-28 W2GND. 84,498-466-73-A-28 W2GND. 84,498-466-73-A-28 W2GND. 84,498-466-73-A-28 W2GND. 84,598-466-73-A-28 W2GND. 84,498-466-73-A-28 W2GND. 84,498-466-73-A-28 W2GND. 84,498-504-63-A-22 W2FF. 68,413-45-69-A-31 K2HQ. 68,413-45-69-A-31 K2HQ. 68,413-50-63-A-25 W2WOR. 78,315-45-69-A-31 K2HQ. 68,413-50-63-A-25 W2WOR. 78,315-45-69-A-31 W2KHC. 68,413-50-63-A-25 W2KHC. 68,413-50-63-A-25 W2KHC. 37,564-376-61-A-14 W2EHN. 46,436-305-61-A-17 W2TWC. 46,423-300-72-A-17 W2TWC. 46,423-300-72-A-17 W2TWC. 46,423-313-59-A-36 K2QYI. 44,010-329-54-A-19 W2HUG. 39,456-A-30	W2DMJ.	. 184,500-1025-72-A-40
W201B 149,625- 855-70-A-40 W2PZY 113,649- 680-67-A-40 W2PZY 113,150- 620-73-A-39 W2TPJ 107,745- 653-66-A-31 K2YJH 100,040- 659-61-A-35 W2EBG 99,000- 600-66-A-36 K2GHV 98,560- 704-70-B-40 K2MFF 86,423- 503-69-A-30 W2GND 84,498- 466-73-A-28 W2DRV 83,396- 530-63-A-30 K2BHQ 79,380- 504-63-A-23 W2WDS 78,315- 454-69-A-31 W2KHT 68,413- 422-65-A-31 W2KHT 68,413- 422-65-A-33 W2LSX 67,938- 507-67-B-25 W2CVW 62,685- 400-63-A-22 K2PLF 57,264- 376-61-A-29 W2BRC 52,515- 389-54-A-28 K2EKM 47,235- 411-47-A-35 W2DWX 46,750- 374-50-A-25 W2DWX 46,750- 374-50-A-30 K2QYI 44,200- 373-59-A-30 K2QYI 44,010- 329-54-A-10 W2HUG 39,456- 269-59-A-20	W2ZSM.	. 176.750-1010-70-A-39
W201B 149,625- 855-70-A-40 W2PZY 113,649- 680-67-A-40 W2PZY 113,150- 620-73-A-39 W2TPJ 107,745- 653-66-A-31 K2YJH 100,040- 659-61-A-35 W2EBG 99,000- 600-66-A-36 K2GHV 98,560- 704-70-B-40 K2MFF 86,423- 503-69-A-30 W2GND 84,498- 466-73-A-28 W2DRV 83,396- 530-63-A-30 K2BHQ 79,380- 504-63-A-23 W2WDS 78,315- 454-69-A-31 W2KHT 68,413- 422-65-A-31 W2KHT 68,413- 422-65-A-33 W2LSX 67,938- 507-67-B-25 W2CVW 62,685- 400-63-A-22 K2PLF 57,264- 376-61-A-29 W2BRC 52,515- 389-54-A-28 K2EKM 47,235- 411-47-A-35 W2DWX 46,750- 374-50-A-25 W2DWX 46,750- 374-50-A-30 K2QYI 44,200- 373-59-A-30 K2QYI 44,010- 329-54-A-10 W2HUG 39,456- 269-59-A-20	W2CQB.	. 155,164- 900-69-A-38
K2GAL 113,649- 680-67-A-49 W2FTY 113,150- 620-73-A-39 W2FTPJ 110,104- 652-66-A-31 K2YJH 100,040- 659-61-A-35 W2EBG 99,000- 600-66-A-36 W2EBG 99,000- 600-66-A-36 W2GND 84,498- 466-73-A-30 W2GND 84,498- 466-73-A-30 W2GND 84,498- 466-73-A-30 W2GND 84,498- 530-63-A-30 W2GND 84,498- 530-63-A-30 W2GND 84,498- 466-73-A-30 W2KHT 68,413- 452-69-A-3 W2KHT 68,413- 452-65-A-3 W2KHT 68,413- 807-67-B-25 W2LSX 67,938- 807-67-B-25 W2LSX 67,938- 807-67-B-25 W2LSX 67,938- 307-67-B-25 W2LSX 67,938- 376-61-A-29 W2LSX 67,938- 376-61-A-29 W2LSX 67,938- 376-61-A-29 W2BC 47,235- 389-64-A-28 W2BC 47,235- 374-50-A-25 W2HTX 66,436- 305-61-A-17 W2TWC 66,423- 300-72-A-35 W2UNT 46,423- 300-72-A-35 W2UNT 46,423- 300-72-A-37 W2TWC 66,423- 300-72-A-37 W2TWC 66,423- 313-59-A-26 W2EWZ 44,200- 273-65-A-36 K2QYI 44,010- 329-54-A-19 W2HIG 39,456- 269-59-A-20	K2LGN.	. 141,620- 776-73-A-38
W2FZY . 113, 150- 620-73-A-39 W2FZY . 107,745- 653-66-A-31 K2YJH . 100,040- 659-61-A-35 W2EBG . 99,000- 600-66-A-36 K2GHV . 98,560- 704-70-B-40 K2MFF . 86,423- 503-69-A-30 W2GND . 84,498- 466-73-A-28 W2DRV . 83,396- 530-63-A-30 K2BHQ . 79,380- 504-63-A-23 W2WGN . 78,315- 454-69-A-31 W2KHT . 68,413- 422-65-A-33 W2LSX . 67,938- 507-67-B-25 K2FYC . 68,340- 408-67-A-33 W2LSX . 67,938- 507-67-B-25 K2FYC . 57,264- 376-61-A-29 W2DRC . 52,515- 389-54-A-25 W2DWX . 46,750- 374-50-A-25 W2DWX . 46,750- 374-50-A-25 W2DWX . 46,750- 374-50-A-25 W2DWX . 46,750- 374-50-A-25 W2DWX . 46,750- 374-50-A-30 K2QYI . 44,200- 273-65-A-30 K2QYI . 44,210- 329-54-A-17 W2EH M . 49,100- 329-54-A-17 W2H M . 39,456- 369-59-A-20 W2D . 39,456- 369-59-A-20	W201B	. 149,625- 855-70-A-40
W2TPJ 107,745-653-66-A-31 K2YJH 100,040-659-61-A-35 W2EBG 99,000-600-66-A-36 W2EBG 98,500-704-70-B-40 K2MFF 86,423-503-69-A-30 W2GND 84,498-466-73-A-30 W2GND 84,498-466-73-A-32 W2DRV 83,396-530-63-A-30 K2BHQ 79,380-504-63-A-32 W2WOS 78,315-45-499-A-31 W2KHT 68,413-422-65-A-31 K2AYC 68,340-408-67-A-33 K2LSW 67,938-507-67-B-22 W2EW 67,938-507-67-B-22 W2EW 46,236-340-43-42 W2ERM 49,2515-389-54-A-28 W2DW 46,736-374-54-A-35 W2UXW 46,736-374-54-A-35 W2UXW 46,736-374-56-A-27 W2TWC 46,233-300-72-A-17 W2TWC 46,233-300-72-A-37 W2TWC 41,200-273-65-A-36 W2EWZ 44,200-273-65-A-30 K2QYI 44,010-329-54-A-30 W2HUI 39,456-269-59-A-30	K2GAL	.113,049- 080-07-A-40
K2YJH 100,040-659-61-A-35 W2EBG 99,000-600-66-A-36 K2GHV 98,560-704-70-B-40 K2MFF 86,423-503-69-A-30 W2GND 84,498-466-73-A-28 W2DRV 83,396-530-63-A-30 K2BHQ 79,380-504-63-A-23 W2WDRV 68,340-458-64-A-31 W2KHT 68,413-422-65-A-31 W2KHT 68,413-422-65-A-33 W2LSX 67,938-507-67-B-25 W2CVW 62,685-400-63-A-22 K2PLF 57,264-376-61-A-29 W2BRC 52,515-389-54-A-29 W2DRY 46,723-374-50-A-25 W2DRY 46,723-374-50-A-25 W2DRY 46,723-300-72-A-14 W2EHN 46,725-313-59-A-26 W2EWZ 44,200-273-65-A-30 K2QYI 44,010-329-54-A-19 W2HUG 39,456-269-59-A-20		
W2EBG. 99,000- 600-66-A-36 K2GHV. 98,560- 704-70-B-40 K2MFF. 86,423- 503-69-A-30 W2GND. 84,498- 466-73-A-20 K2BHQ. 79,380- 504-63-A-25 W2WOS. 78,316- 454-69-A-31 W2KHT. 68,413- 422-65-A-31 K2AYC. 68,340- 408-67-A-33 K2AYC. 68,340- 408-67-A-33 W2LSX. 67,938- 507-67-B-22 W2CVW. 62,685- 400-63-A-22 W2ERM. 57,264- 376-61-A-22 W2ERM. 57,264- 376-61-A-25 W2CVW. 66,636- 305-61-A-17 W2CVW. 67,938- 300-72-A-35 W2HTX. 46,736- 305-61-A-17 W2TWC. 46,423- 300-72-A-35 W2HTX. 46,736- 305-61-A-17 W2TWC. 46,423- 300-72-A-35 W2HY. 41,010- 329-54-A-26 W2EWZ. 44,200- 273-65-A-26 W2EWZ. 44,200- 273-65-A-36 K2QYI. 44,010- 329-54-A-30 K2QYI. 49,101- 394-56- A-28	W21FJ	100 040- 659-61-A-35
K2GHV 98.560- 704-70-B-40 K2MFF 86.423- 503-69-A-30 W2GND 84.498- 466-73-A-28 W2DRV 83.396- 530-63-A-28 W2DRV 83.396- 530-63-A-28 W2WDS 78.315- 454-69-A-31 W2KHT .68.413- 422-65-A-30 K2BHQ .79.380- 504-65-A-30 K2AYC .68.340- 408-67-A-33 W2LSX .67.938- 507-67-B-25 W2CVW .62.685- 400-63-A-29 K2PLF .57.264- 376-61-A-29 W2BRC .52.515- 389-54-A-29 K2EKM .47.235- 411-47-A-35 W2OWX .46.750- 374-50-A-25 W2DHX .46.436- 305-61-A-17 W2TWC .46.423- 300-72-A-17 W2TWC .46.423- 300-72-A-30 K2QYI .44.200- 273-65-A-30 K2QYI .44.200- 273-65-A-30 K2QYI .49.4010- 329-54-A-19	W2EBG	99 000- 600-66-4-36
W2GND84,498-466-73-A-28 W2DRV83,396-530-63-A-30 K2BHQ79,380-504-63-A-25 W2WOS78,315-45-69-A-31 W2KHT68,413-422-65-A-30 K2AYC68,340-408-67-A-33 W2LSX67,938-507-67-B-25 W2CVW62,685-400-63-A-22 K2PLF57,264-376-61-A-29 W2BRC52,515-389-54-A-29 W2BRC52,515-389-54-A-29 K2EKM47,235-411-47-A-35 W2DWX46,750-374-50-A-25 W2DWX46,750-374-50-A-25 W2DWX46,750-374-50-A-25 W2DWX46,740-374-53-A-30 K2QYI44,010-329-54-A-30 K2QYI44,010-329-54-A-20 W2HUG39,456-269-59-A-20	K2GHV	98.560- 704-70-B-40
W2GND84,498-466-73-A-28 W2DRV83,396-530-63-A-30 K2BHQ79,380-504-63-A-25 W2WOS78,315-45-69-A-31 W2KHT68,413-422-65-A-30 K2AYC68,340-408-67-A-33 W2LSX67,938-507-67-B-25 W2CVW62,685-400-63-A-22 K2PLF57,264-376-61-A-29 W2BRC52,515-389-54-A-29 W2BRC52,515-389-54-A-29 K2EKM47,235-411-47-A-35 W2DWX46,750-374-50-A-25 W2DWX46,750-374-50-A-25 W2DWX46,750-374-50-A-25 W2DWX46,740-374-53-A-30 K2QYI44,010-329-54-A-30 K2QYI44,010-329-54-A-20 W2HUG39,456-269-59-A-20	K2MFF.	86,423- 503-69-A-30
W2DRV. 83,396- 530-63-A-30 K2BHQ. 79,380- 504-63-A-25 W2WOS. 78,315- 454-69-A-31 W2KHT. 68,413- 422-65-A-30 K2AYC. 68,340- 408-67-A-33 W2LSX. 67,938- 507-67-B-25 W2CVW. 62,685- 400-63-A-22 K2PLF. 57,264- 376-61-A-29 W2BRC. 52,515- 389-54-A-28 K2EKM. 47,235- 411-47-A-35 W2OWX. 46,750- 374-50-A-25 W2DHTX. 46,436- 305-61-A-17 W2TWC. 46,423- 300-72-A-14 W2EHN. 45,725- 313-59-A-26 W2EWZ. 44,200- 273-65-A-30 K2QYI. 44,010- 329-54-A-19 W2HUG. 39,456- 269-59-A-2	W2GND.	84,498- 466-73-A-28
W2KHT68,413- 422-65-A-30 K2AYC .68,340- 408-67-A-33 W2LSX .67,938- 507-67-B-25 W2CVW. 62,685- 400-63-A-29 W2BRC .52,515- 389-54-A-29 W2BRC .52,515- 389-54-A-29 W2BRC .32,515- 389-54-A-35 W2OWX .46,750- 374-50-A-25 W2DHTX46,436- 305-61-A-17 W2TWC .46,423- 300-72-A-17 W2EHN45,725- 313-59-A-26 W2EWZ44,200- 273-65-A-30 K2QYI44,010- 329-54-A-19 W2HUG. 39,456- 269-59-A-20	W2DRV.	83.396- 530-63-A-30
W2KHT68,413- 422-65-A-30 K2AYC .68,340- 408-67-A-33 W2LSX .67,938- 507-67-B-25 W2CVW. 62,685- 400-63-A-29 W2BRC .52,515- 389-54-A-29 W2BRC .52,515- 389-54-A-29 W2BRC .32,515- 389-54-A-35 W2OWX .46,750- 374-50-A-25 W2DHTX46,436- 305-61-A-17 W2TWC .46,423- 300-72-A-17 W2EHN45,725- 313-59-A-26 W2EWZ44,200- 273-65-A-30 K2QYI44,010- 329-54-A-19 W2HUG. 39,456- 269-59-A-20	K2BHQ.	79,380- 504-63-A-25
K2AYC . 68,340 · 408-67-A-33 W2LSX . 67,938 · 507-67-B-55 W2CVW . 62,685 · 400-63-A-22 K2PLF . 57,264 · 376-61-A-29 W2BRC . 52,515 · 389-54-A-28 K2EKM . 47,235 · 417-A-3-35 W2OWX . 46,750 · 374-50-A-25 W2HTX . 46,436 · 305-61-A-17 W2TWC . 46,423 · 300-72-A-14 W2EHN . 45,725 · 313-59-A-26 W2EWZ . 44,200 · 273-65-A-30 K2QYI . 44,010 · 329-54-A-19 W2HUG . 39,456 · 269-59-A-2	w2wos.	78,315- 454-69-A-31
W2CVW. 62,685- 400-63-A-22 K2PLF. 57,264- 376-61-A-29 W2BRC. 52,515- 389-54-A-28 K2EKM. 47,235- 411-47-A-35 W2OWX. 46,750- 374-50-A-25 W2HTX. 46,436- 305-61-A-17 W2EHN. 45,725- 313-59-A-26 W2EWZ. 44,200- 273-65-A-30 K2QYI. 44,010- 329-54-A-19 W2HUG. 39,456- 269-59-A-19	W2KHT.	68,413- 422-65-A-30
W2CVW. 62,685- 400-63-A-22 K2PLF. 57,264- 376-61-A-29 W2BRC. 52,515- 389-54-A-28 K2EKM. 47,235- 411-47-A-35 W2OWX. 46,750- 374-50-A-25 W2HTX. 46,436- 305-61-A-17 W2EHN. 45,725- 313-59-A-26 W2EWZ. 44,200- 273-65-A-30 K2QYI. 44,010- 329-54-A-19 W2HUG. 39,456- 269-59-A-19	WOLCY.	08,340- 408-07-A-33
K2PLF 57,264 - 376-61-A-29 W2BRC . 52,515 - 389-54-A-29 K2EKM 47,235 - 411-47-A-35 W2OWX . 46,750 - 374-50-A-25 W2HTX 46,436 - 305-61-A-17 W2EHN 45,725 - 313-59-A-26 W2EWZ 44,200 - 273-65-A-30 K2QYI 44,010 - 329-54-A-19 W2HUG. 39,456 - 269-59-A-20	W2LOA.	60 605 400 62 A 22
K2EKM 47,235- 411-47-A-35 W2OWX 46,750- 374-50-A-25 W2HTX 46,436- 305-61-A-17 W2TWC 46,423- 300-72-A-14 W2EHN 45,725- 313-59-A-26 W2EWZ 44,200- 273-65-A-30 K2QYI 44,010- 329-54-A-19 W2HUG. 39,456- 269-59-A-29	K2DLE	57 264_ 376_61_A_20
K2EKM 47,235- 411-47-A-35 W2OWX 46,750- 374-50-A-25 W2HTX 46,436- 305-61-A-17 W2TWC 46,423- 300-72-A-14 W2EHN 45,725- 313-59-A-26 W2EWZ 44,200- 273-65-A-30 K2QYI 44,010- 329-54-A-19 W2HUG. 39,456- 269-59-A-29	W2BBC	52.515- 389-54-A-28
W2OWX. 46,750- 374-50-A-25 W2HTX. 46,436- 305-61-A-17 W2TWC. 46,423- 300-72-A-14 W2EHN. 45,725- 313-59-A-26 W2EWZ. 44,200- 273-65-A-30 K2QYI. 44,010- 329-54-A-19 W2HUG. 39,456- 269-59-A-20	K2EKM.	47.235- 411-47-A-35
W2TWC 46,423- 300-72-A-14 W2EHN 45,725- 313-59-A-26 W2EWZ 44,200- 273-65-A-30 K2QYI 44,010- 329-54-A-17 W2HUG 39,456- 269-59-A-20	W2OWX	46,750- 374-50-A-25
W2TWC 46,423- 300-72-A-14 W2EHN 45,725- 313-59-A-26 W2EWZ 44,200- 273-65-A-30 K2QYI 44,010- 329-54-A-17 W2HUG 39,456- 269-59-A-20	W2HTX.	46,436- 305-61-A-17
W2EWZ44,200- 273-65-A-30 K2QYI44,010- 329-54-A-17 W2HUG39,456- 269-59-A-20	W2TWC	46,423- 300-72-A-14
K2QYI44,010- 329-54-A-17 W2HUG. 39,456- 269-59-A-20	W2EHN.	45,725- 313-59-A-26
W2HUG. 39.456- 269-59-A-20	W2EWZ,	44,200- 273-65-A-30
W2SJB36,578- 277-54-A-24	K2QY1	44,010- 329-54-A-17
	W2HUG,	39,450- 209-39-A-20 26,579- 277-54-A-24
K2IIIIT 30.210- 212-57-A-27	K2IIIIT	30,378- 277-34-A-24 30,210- 212-57-A-27
K2QWU28.000- 200-56-A-24	K2OWII	28 000- 200-56-A-24
W2BVE27,000- 227-48-A-	W2BVE	. 27.000- 227-48-A
W2ZEP26.565- 231-46-A-15	W2ZEP.	26,565- 231-46-A-15
W2DEN26,403- 180-59-A-17	W2DEN.	26,403- 180-59-A-17

	WØCXN.141,985-778-73-A-37
16	KØGXR116,756-863-68-B-40
	WØEQN96,061- 594-67-A-31
. 1	KØAZJ92,480- 547-68-A-34
	KØAZJ92,480- 547-68-A-34 KØHXX87,630- 518-69-A-39
	WØGXQ79,530- 482-66-A-25
40	WØBSY 59,940- 333-72-A-31
.39	KØIIL39,730- 277-58-A-34
38	KØIIL39,730-277-58-A-34 KØCZQ38,793-276-59-A-30
38	KØAUU34,200- 300-57-B-26
40	KØIPI/Ø28,669- 212-55-A-40
40	WØUSP27.860- 199-56-A-22
39	WØUSP27,860- 199-56-A-22 WØTLX27,170- 218-52-A-28
-31	KØBLJ22.464- 210-54-B-16
-35	
-36	WØATA21,420- 154-56-A-10
-40	WØSNL20,825- 119-70-A-25
-30	KØDJV20,460- 175-48-A-24 KØJRT18,900- 181-45-A-29
-28	KØJKI 18,900- 181-45-A-29
-30	KØOVR15,803- 158-43-A-36
-30 -25	W9WJD/Ø
-23 -31	14,700- 120-49-A-19
-30	WØDSP7600- 80-38-A- 5
-30 -33	KØAVZ5495- 79-28-A-12
-33 -25	KØPCG5493- 87-26-A
-25 -22	KØDPJ1995- 51-19-A-7
	KNØPVJ*1306- 28-19-A-21 KNØQAK718- 22-14-A-16
-29	KNØQAK718- 22-14-A-16
-28 -35	KØLFA (KØS DPH LFA)
-35	97,650- 550-72-A-35
-25	KØCLS (WØPKH, KØS APS
-17	CLS DLO)
-14	76,032- 576-66-B-40
-26	WØLNI (WØDSP, KØMTM)
-30	50,873- 323-63-A-28
-17	KØIEZ (WØS SMS ZAQ, KØS
-20	EUV IEZ)
-24	20,800- 200-52-B
-27	WØYSE (2 oprs.)
-24	8550- 96-40-A-14
	KØBSK (KØS BSK GTF,
-15	KNØMTL)
-17	6435- 73-36-A-17

Meanwhile-Back-at-the-Ranch idea courtesy Lower Yakima Valley Radio Amateurs.



W91RH got a Novice ticket in '54, rose to earn his SS spurs by clobbering 124 Illinois brasspounders in '58. Johnny eyes 200K hungrily, is serving a short Army hitch now but returns to mufti in July, "just in time to ready the

station for the '59 SS." A CQ	1-SS wheel is in the offing.
KØGTF (KØS BSK GTF, KNØMTL) 2903- KNØQAI (2 oprs.) 2145- 43-27-A-14	W1ASO2550- 68-15-A-9 KN1GIF2520- 52-21-A-18 W10PB880- 22-16-A-7 KIILJ810- 27-12-A-6 W1AMY750- 30-10-A-1 KN1HOP263- 16-7-A-8
Kansas KøbJR. 143, 464- 865-67-A-40 WØOJW 122, 850- 709-70-A-34 WØWWA 117, 150- 660-71-A-40 KØITF . 116, 784- 815-72-B-40 WØBYV 56, 608- 464-61-B-32 KØHLC 32, 700- 218-60-A-19 KØIWK . 24, 700- 190-52-A-39	Matne W1DEO 71,175- W1YIS 69,595- 452-62-A- K1GOG 26,048-229-46-A-39 W1LCX 14,985-166-37-A-18 K1BAZ 13,213-153-35-A-30 K1AHS 1880-47-20-B-10
KØKMZ.     19,373-     185-42-A-26       KØGZP.     15,125-     122-50-A-14       WØJFG.     99506-     99-39-A-20       WØCFH.     8200-     83-40-A-12       WØTTO.     4556-     69-34-B-8       WØCHJ.     4016-     60-27-A-5       WØSFF.     2010-     34-24-A-8       KNØPFY.     1069-     32-15-A-18       WØQQQ (WØIPV,     JHC JRO)     JHC JRO)	Eastern Massachusetts K1CQO . 149,455- 842-71-A-40 W1BOD . 140,890- 772-73-A-40 W1AQE . 115,500- 660-70-A-40 W1UBC . 110,139- 605-73-A-33 W1MQV . 109,260- 607-72-A-30 W1MSM . 100,101- 555-73-A-30 W1MIX . 78,750- 500-63-A-36
33,626- 280-49-A-36  **Missouri** **WØTDR. 142,898- 783-73-A-40  KØGJD 96,030- 582-66-A-40  KØJPL 79,200- 489-66-A-37  WØQWS. 75,225- 447-68-A-40  KØHIM 68,000- 427-64-A-34  WØMCX. 54,405- 351-62-A-32  KØKWR/#,48,648- 325-61-A-33  WØETV. 43,039- 256-69-A-33	WIEIQ. 75,310- 443-68-A-32 WICOL. 74,728-421-71-A-38 WINS. 52,883- 325-66-A-26 KICUD. 46,894-309-61-A-33 WILJO. 42,333- 287-59-A-28 WIWLZ. 41,738- 316-53-A-25 WIMKW. 39,300- 393-50-B-30 KICLO. 37,730- 311-49-A-23 WIPSS. 36,465- 215-68-A-33 WISMO. 34,830- 258-54-A-13 WIPLJ. 31,493- 221-57-A-26
\( \begin{array}{c} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	W10NP . 30,148 . 195-62-A-22 K1BYL . 27,405 . 379-29-A-24 K1AKI . 24,149 . 300-41-B-33 W1HY . 19,440 . 162-48-A-17 W1CWU . 17,380 . 149-47-A-21 W1NJL . 17,270 . 157-44-A-13 W1NQT . 12,208 . 130-38-A-22 K1DBR . 9215 . 105-38-A-26 W1QFO . 6660 . 112-24-A-18
KØHUV823 25-14-A- 7 KØAXU (7 oprs.) 57,184- 332-69-A-39 WØEEE (6 oprs.) 43,064- 387-56-B-20 KØCQA (KØS CPN CQA) 27,650- 200-56-A-16	WIMIJ 4495 58-31-A-4 WICMW 3915 87-18-A-21 WILGO 2850 57-20-A-7 WIKIN 1600 40-16-A-4 WIMEG 1203 37-13-A-3 WIETH 1080 24-18-A-2 WILEF 615 21-12-A-5 WIMMW 538 22-10-A-5 WIODI 455 14-13-A-

Nebraska		
WØNYU 131,488- 785-67-A-40		
WØWLO114,576- 651-71-A-40		
WØURB108,268- 700-62-A-38		
KØMRS 63,975- 439-60-A-32		
W0DW33,999- 231-59-A-23		
KØLOK5880- 76-32-A-13		
KNØQVM413- 16-11-A- 5		
KØÓBF (WØASO, KØOBF)		
62,434- 509-62-B-36		

## NEW ENGLAND DIVISION

Connecticut
W1FEA180,000-1007-72-A-39
W1BIH179,945- 990-73-A-40
W1TYQ172,441- 978-71-A-40
W1AW6,7,171,110-1205-71-B-40
WIRAN. 142,568-1007-71-B-40
W11 VO7 122 500- 703-70-A-36
WIECH 113 710- 667-68-A-38
WILKET 111 720 708-70-B-38
W1LVQ7. 122,500- 703-70-A-36 W1ECH. 113,710- 667-68-A-38 W1IKE7. 111,720- 798-70-B-38 K1DHU. 108,875- 670-65-A-38
W1ZDP <sup>7</sup> . 107,920- 608-71-A-29
W1TUW' 104,198- 638-66-A-38
W1TS790,000- 500-72-A-30
K1CCA78,461- 515-61-A-28
W1VG <sup>7</sup> 71,613- 491-73-B-27
W1VG <sup>7</sup> 71,613- 491-73-B-27 W1MBX65,395- 451-58-A-36
W1FGF <sup>7</sup> 56,115- 387-58-A-28
K1AJJ55,080- 460-48-A-38
K1ACC50,460- 348-58-A-19
W1TX 46,434- 327-71-B-17 W1BDI <sup>7</sup> 37,570- 221-68-A-17
W1MWB . 35,550- 316-45-A-25 W1CHR 32,630- 252-52-A-15
W1NJM <sup>7</sup> . 25.300- 230-44-A-11
W1CHR 32,630-252-52-A-15 W1NJM <sup>7</sup> 25,300-230-44-A-11 W1ADW 24,300-203-48-A-14 W1EFW 22,945-177-52-A-13
W1EFW22.945- 177-52-A-13
WIEFW 22,945- 177-52-A-15
W1ZJJ 16,370- 126-52-A-20
W1JTD 15,844- 65-65-A
K1CSH . 14,026- 116-49-A-21 KN1HTV*.13,018- 132-41-A-38
KN1HTV*.13,018- 132-41-A-38
KNIGCS 11,495- 105-44-A-20 W1YYM <sup>7</sup> 4810- 74-26-A- 3 KN1GRJ 4689- 68-31-A-21
W1YYM74810- 74-26-A-3
KN1GRJ 4689- 68-31-A-21
W1RFJ4675- 110-17-A
K1GUD3623- 63-23-A-29
W1UVV3480- 48-29-A-11
W1NLM3344- 44-38-B- 8
KN1EBY2915- 53-22-A-11

W1ASO	. 2550-	68-15-A- 9
KNIGIF		52-21-A-18
W10PB	880-	22-16-A- 7
K11LJ	810-	27-12-A- 6
W1AMY		30-10-A- 1
KN1HOP.	263-	16- 7-A- 8

Eastern Massachusetts KICQO 149, 455- 842-71-A-40 WIBOD 140, 890- 772-73-A-40 WINDO 140, 890- 772-73-A-40 WIUDC 110, 139- 606-70-A-40 WIUDC 110, 139- 606-70-A-30 WIMSW 100, 101- 555-73-A-30 WIJSM 100, 101- 555-73-A-30 WIJSM 178, 750-50-63-A-36 WIEIQ 75, 310- 443-68-A-32 WIMIX 78, 750-50-63-A-36 WIEIQ 75, 310- 443-68-A-32 WINDS 52, 883- 325-66-A-26 KICUD 46, 894- 300-61-A-33 WILJO 42, 333- 287-59-A-28 WIWLZ 41, 738- 316-53-A-25 WIMKW 39, 300- 393-50-B-30 KICLO 37, 730- 311-49-A-23 WIPSS 36, 465- 215-68-A-33 WIHZL 37, 405-379-29-A-24 KICHO 31, 4894-28-55-4-A-13 WIPLJ 31, 493- 221-57-A-26 WIONP 30, 148- 195-62-A-22 KIBYL 27, 405- 379-29-A-24 KIAKI 24, 149- 300-41-B-33 WIHY 19, 440- 162-48-A-17 WICW 17, 380- 194-47-A-21 WINJU 17, 280- 194-47-A-21 WINJU 17, 280- 193-38-A-22 KUOPG 666- 105-38-A-22 WINGN 3915- 87-18-A-21 WINGN 3915- 87-18-A-21 WINGN 1208- 2850- 87-18-A-21 WINGN 1208- 2850- 87-18-A-21 WINGN 1600- 40-16-A-4 WICMW 3915- 87-18-A-21 WINGN 1800- 24-18-A-2 WINGN 1800- 44-18-A-2 WINGN 1800- 44-18-A-3 WINGN 1800- 44-18-A-2 WINGN 1800- 44-18-A-3 WINGN 18	
KICQO. 149.455- 842-71-A-40 WIBOD 140.890-772-73-A-40 WIBOD 140.890-772-73-A-40 WINGD 110.139- 606-70-A-40 WIUBC 110.139- 606-73-A-33 WIMQV. 109.260- 607-72-A-30 WIJSM. 100.101- 55-73-A-30 WIMIX 78.750- 500-63-A-36 WIEIQ. 75.310- 443-68-A-32 WICOL 74.728- 421-71-A-38 WINS. 52.883- 325-66-A-26 KICUD 46.894- 309-61-A-33 WILJO. 42.333- 257-59-A-28 WILJO. 42.333- 257-59-A-28 WILJO. 43.730- 311-49-A-23 WILJO. 37.730- 311-49-A-23 WIPSS. 36.465- 215-68-A-33 WISMO 34.830- 258-54-A-13 WIPSS. 36.455- 215-68-A-33 WIPSS. 36.455- 215-68-A-33 WIPSS. 36.455- 215-68-A-33 WIPSS. 31.493- 221-57-A-26 WIONP 30.148- 195-62-A-22 KIBYL 27.405- 379-29-A-24 KIAKI. 24.149- 300-41-B-33 WIHY 11.270- 157-44-A-13 WINJI. 17.270- 157-44-A-13 WINJI. 17.270- 157-44-A-13 WINJI. 17.270- 157-44-A-13 WINJI. 17.270- 157-43-A-13 WINJI. 12.288- 130-38-A-22 WIETH 92.10-10-538-A-28 WIONW 3915- 87-20-A-7 WIKIN 600- 409-15-38-A-28 WICHW 3915- 87-30-A-7 WIKIN 600- 40-16-A-4 WIMEG 1203- 37-13-A-3 WIETH 1080- 24-18-A-2 WIEFF 615- 21-12-A-5 WIOPJ 455- 14-13-A- KIDEY 166- 10-7-A-1 KIACJ 114- 8-7-A-2 KNIHSD 100- 8-5-A-	Eastern Massachusetts
WIBÓD 140,890-772-73-A-0-40 WIUBÓD 115,500-606-772-A-30 WINGV 109,260-605-772-A-30 WIMGV 109,260-607-72-A-30 WIJSM 100,101-555-73-A-30 WIJSM 100,101-555-73-A-30 WIJSM 100,101-555-73-A-30 WIJSM 100,101-555-73-A-30 WIJSM 100,101-556-63-A-36 WIEIQL 75,310-443-68-A-32 WILOL 75,310-443-68-A-32 WINDS 52,883-325-66-A-26 KICUD 42,333-28-75-9-A-28 WINDS 52,883-325-66-A-26 KICUD 34,333-28-75-9-A-28 WIJJD 42,333-28-75-9-A-28 WIJJD 43,333-28-75-9-A-28 WIJJD 37,300-313-19-19-33 WIJSM 39,300-393-50-19-30 KICLO 37,7300-311-9-A-23 WIPSS 36,465-215-68-A-33 WIPSS 36,465-215-68-A-33 WIPSS 36,465-215-68-A-33 WISMO 34,830-28-54-A-13 WIPLJ 31,493-221-57-A-26 WIDNJ 31,493-221-57-A-26 WINDJ 17,380-19-41-8-33 WIHY 19,440-162-48-A-17 WINJU 17,380-19-41-8-3 WINGT 12,288-130-38-A-22 WIEGW 9215-105-38-A-26 WIGFW 915-105-38-A-26 WIGFW 915-105-38-A-26 WIGFW 915-105-38-A-26 WIGFW 1660-12-4-A-3 WINGT 12,288-130-38-A-22 WIEFW 615-24-A-18 WIMJU 495-87-18-A-2 WIEFW 615-21-12-A-5 WIOPJ 455-14-13-A- WIEFW 615-21-12-A-5 WIOPJ 455-14-13-A- WIEFW 1080-21-10-7-A-1 KIACJ 1160-0-7-A-1 KINCHN 1000-85-A-	
WIAQE 115.500-660-70-A-40 WIUBC 110.139-605-73-A-33 WIMQV 109.260-607-72-A-30 WIJSM 100.101-55-73-A-30 WIMIX 78.750-500-63-A-36 WIEIQ. 75.310-443-68-A-32 WICOL 74.728-421-71-A-38 WINS 52.883-325-66-A-26 KICUD 46.894-309-61-A-33 WILJO 42.333-287-59-A-28 WILJO 42.333-287-59-A-28 WILJO 43.333-287-59-A-28 WIWLZ 41.738-316-53-A-25 WIMKW 39.300-393-50-B-30 KICLO 37.730-311-49-A-23 WIPSS 36.465-215-68-A-33 WIPSS 36.465-215-68-A-32 WIPSS 36.465-215-68-A-33 WIPSS 36.465-215-68-A-32 WIPSS 36.465-215-68-A-33 WIPSS 36.465-215-68-A-33 WIPSS 36.465-215-68-A-33 WIPSS 36.465-215-68-A-33 WIPSS 36.465-215-68-A-32 WIPSS 36.465-215-A-32 WIPSS 36.465-2	W1BOD 140 800- 779-73-4-40
W1MQV. 109,260-607-72-A-30 W1JSM. 100, 101-55-73-A-30 W1MIX. 78,750-500-63-A-36 W1EIQ. 75,310-43-68-A-32 W1COL. 74,728-421-71-A-38 W1NS. 52,883-325-66-A-26 K1CUD. 46,894-309-61-A-33 W1LJO. 42,333-25-66-A-26 W1ULZ. 41,738-316-53-A-25 W1WLZ. 41,738-316-53-A-25 W1WLZ. 41,738-316-53-A-25 W1MKW. 39,300-393-50-B-30 K1CLO. 37,730-311-49-A-23 W1PSS. 36,465-215-68-A-33 W1SMO. 34,830-258-54-A-13 W1PSS. 36,465-215-68-A-33 W1PMS. 31,493-212-57-A-26 W1ONP. 30,148-195-62-A-22 K1BYL. 27,405-379-29-A-24 K1AKL. 24,149-300-41-B-33 W1HY. 19,440-112-38-130-38-A-26 W1CYU. 17,380-149-47-A-21 W1CYU. 1660-11-33-A-26 W1GFO. 6660-11-33-A-26 W1GFO. 6660-12-33-A-26 W1GFO. 2850-87-20-A-7 W1KIN. 1600-40-16-A-4 W1MEG. 1203-37-13-A-3 W1ETH. 1080-24-18-A-2 W1EFF. 615-21-12-A-5 W1OPJ. 455-14-13-A- K1DEY. 166-10-7-A-1 K1ACJ. 114-8-7-A-2 KNIHSD. 1104-8-7-A-2	W1AQE115,500- 660-70-A-40
W1MQV. 109,260-607-72-A-30 W1JSM. 100, 101-55-73-A-30 W1MIX. 78,750-500-63-A-36 W1EIQ. 75,310-43-68-A-32 W1COL. 74,728-421-71-A-38 W1NS. 52,883-325-66-A-26 K1CUD. 46,894-309-61-A-33 W1LJO. 42,333-25-66-A-26 W1ULZ. 41,738-316-53-A-25 W1WLZ. 41,738-316-53-A-25 W1WLZ. 41,738-316-53-A-25 W1MKW. 39,300-393-50-B-30 K1CLO. 37,730-311-49-A-23 W1PSS. 36,465-215-68-A-33 W1SMO. 34,830-258-54-A-13 W1PSS. 36,465-215-68-A-33 W1PMS. 31,493-212-57-A-26 W1ONP. 30,148-195-62-A-22 K1BYL. 27,405-379-29-A-24 K1AKL. 24,149-300-41-B-33 W1HY. 19,440-112-38-130-38-A-26 W1CYU. 17,380-149-47-A-21 W1CYU. 1660-11-33-A-26 W1GFO. 6660-11-33-A-26 W1GFO. 6660-12-33-A-26 W1GFO. 2850-87-20-A-7 W1KIN. 1600-40-16-A-4 W1MEG. 1203-37-13-A-3 W1ETH. 1080-24-18-A-2 W1EFF. 615-21-12-A-5 W1OPJ. 455-14-13-A- K1DEY. 166-10-7-A-1 K1ACJ. 114-8-7-A-2 KNIHSD. 1104-8-7-A-2	W1UBC110,139- 605-73-A-33
WIEIQ. 75,310- 443-68-A-32 WICOL 74,728- 421-71-A-38 WINS 52,883- 325-66-A-26 KICUD 46,894- 300-61-A-33 WILJO 42,333- 287-59-A-28 WIWLZ 41,738- 316-53-A-25 WIMKW 39,300- 393-50-B-30 KICLO. 37,730- 311-49-A-23 WIPSS. 36,465- 215-68-A-33 WISMO 34,830- 285-54-A-13 WIPLJ 31,493- 221-57-A-26 WIONP 30,148- 195-62-A-22 KIBYL 27,405- 379-29-A-24 KIAKI 24,149- 300-41-B-33 WIHY 19,440- 162-48-A-17 WICWU 17,380- 149-47-A-21 WINJL 17,270- 157-44-A-13 WINQT 12,208- 130-38-A-26 WIGFO 6660- 112-24-A-18 WIMIJ 4495- 58-31-A-4 WICMW 3915- 87-18-A-21 WICMU 3915- 87-18-A-21 WICMU 3915- 87-18-A-21 WILGO 2850- 57-20-A-7 WIKIN 1600- 40-16-A-4 WIMEG 1203- 37-13-A-3 WIETH 1080- 28-50- 67-20-A-7 WIKIN 1600- 40-16-A-4 WIMEG 1203- 37-13-A-3 WIETH 1080- 28-50- 87-18-A-21 WIETF 615- 21-12-A-5 WIMWW 538- 22-10-A-5 WIMPJ 455- 14-13-A- KIDEY 166- 10-7-A-1 KIACJ 114- 8-7-A-2 KNIHSD 100- 8-5-A-	W1MQV.109.260- 607-72-A-30
WIEIQ. 75,310- 443-68-A-32 WICOL 74,728- 421-71-A-38 WINS 52,883- 325-66-A-26 KICUD 46,894- 300-61-A-33 WILJO 42,333- 287-59-A-28 WIWLZ 41,738- 316-53-A-25 WIMKW 39,300- 393-50-B-30 KICLO. 37,730- 311-49-A-23 WIPSS. 36,465- 215-68-A-33 WISMO 34,830- 285-54-A-13 WIPLJ 31,493- 221-57-A-26 WIONP 30,148- 195-62-A-22 KIBYL 27,405- 379-29-A-24 KIAKI 24,149- 300-41-B-33 WIHY 19,440- 162-48-A-17 WICWU 17,380- 149-47-A-21 WINJL 17,270- 157-44-A-13 WINQT 12,208- 130-38-A-26 WIGFO 6660- 112-24-A-18 WIMIJ 4495- 58-31-A-4 WICMW 3915- 87-18-A-21 WICMU 3915- 87-18-A-21 WICMU 3915- 87-18-A-21 WILGO 2850- 57-20-A-7 WIKIN 1600- 40-16-A-4 WIMEG 1203- 37-13-A-3 WIETH 1080- 28-50- 67-20-A-7 WIKIN 1600- 40-16-A-4 WIMEG 1203- 37-13-A-3 WIETH 1080- 28-50- 87-18-A-21 WIETF 615- 21-12-A-5 WIMWW 538- 22-10-A-5 WIMPJ 455- 14-13-A- KIDEY 166- 10-7-A-1 KIACJ 114- 8-7-A-2 KNIHSD 100- 8-5-A-	W1JSM 100,101- 555-73-A-30
WICOL 74,728-421-71-A-38 WINS 52,883-325-66-A-26 KICUD 46,894-309-61-A-33 WILJO 42,333-287-59-A-28 WIWLZ 41,738-316-53-A-25 WIMKW 39,300-393-50-B-30 KICLO 37,730-311-49-A-23 WIPSS 36,465-215-68-A-33 WIPSS 36,465-215-68-A-33 WIPSS 36,465-212-56-A-26 WIONP 30,148-195-62-A-22 KIBYL 27,405-379-29-A-24 KIAKI 24,149-300-41-B-33 WIHY 19,440-162-48-A-17 WICWU 17,380-149-47-A-21 WINJL 17,270-157-44-A-13 WINJL 17,270-157-44-A-13 WINJL 17,270-157-38-A-26 WIGHY 6660-112-24-A-18 WINJL 395-58-83-A-24 WILLO 256-88-31-A-4 WILLO 256-88-31-A-4 WILLO 256-88-31-A-4 WILLO 256-88-31-A-3 WILLO 256-88-3	W1MIX78,750- 500-63-A-36
WINS. 52,883-325-66-A-26 KICUD. 46,894-309-61-A-33 WILJO. 42,333-287-59-A-28 WIWLZ. 41,738-316-53-A-25 WIMKW. 39,300-393-50-B-30 KICLO. 37,730-311-49-A-23 WIPSS. 36,465-215-68-A-33 WISMO. 34,830-28-58-4-A-13 WIPLJ. 31,493-221-57-A-26 WIONP. 30,148-195-62-A-22 KIBYL. 27,405-379-29-A-24 KIAKI. 27,405-379-29-A-24 KIAKI. 24,149-300-41-B-33 WIHY. 19,440-162-48-A-17 WICWU. 17,380-149-47-A-21 WINJL. 17,270-157-44-A-13 WINQT 12,208-130-38-A-26 WIGFO. 6660-112-24-A-18 WIMIJ. 4495-58-31-A-4 WICMW. 3915-87-18-A-21 WICMW. 3915-87-18-A-21 WILGO. 2850-57-20-A-7 WIKIN. 1600-40-16-A-4 WIMEG. 1203-37-13-A-3 WIETH. 1080-24-18-A-2 WIEFF. 615-21-12-A-5 WIMWW. 538-22-10-A-5 WIMPJ. 455-14-13-A- KIDEY. 166-10-7-A-1 KIACJ. 114-8-7-A-2 KNIHSD. 100-8-5-A-	W1EIQ75,310- 443-68-A-32
KICUD . 46.894 - 309-61-A-33 WILJO . 42.333 - 287-59-A-28 WIWLZ . 41.738 - 316-53-A-25 WIMKW . 39,300 - 393-50-B-30 KICLO . 37.730 - 311-49-A-23 WIPSS . 36.465 - 215-68-A-33 WIPSS . 36.465 - 215-68-A-33 WIPSS . 36.465 - 215-68-A-33 WIPLJ . 31.493 - 221-57-A-26 WIONP . 30.148 - 195-62-A-22 KIBYL . 27.405 - 379-29-A-24 KIAKI . 24.149 - 300-41-B-33 WIHY . 19.440 - 162-48-A-17 WICWU . 17.380 - 149-47-A-21 WINJL . 17.270 - 157-44-A-13 WINJL . 17.270 - 157-38-A-26 WIGHY . 6606 - 112-24-A-18 WINJL . 395-5 . 87-18-A-2 WILGH . 600-40-13-A-3 WIETH . 610-42-13-A-3 WIETH . 610-52-13-A-3 WIETH . 610-52-13-A-3 WIETH . 610-52-13-A-3 WIETH . 610-52-13-A-3 WIETH . 610-52-14-13-A-5 WIOPJ . 455-14-13-A-5 WIOPJ . 455-14-13-A-5 WIOPJ . 455-14-13-A-5 KIDEY . 166-10-7-A-1 KIACJ . 114-8 - 7-A-2 KNIHSD . 100-8 - 5-A-	W1COL74,728- 421-71-A-38
WILJO 42,333 - 287-59 - A-28 WIWLZ 41,738 - 316-53 - A-25 WIMKW 39,300 - 393-50 - B-30 KICLO 37,730 - 311-49 - A-23 WIPSS 36,465 - 215-68 - A-33 WIPSS 36,465 - 215-68 - A-33 WISMO 34,830 - 288-54 - A-13 WIPLJ 31,493 - 221-57 - A-26 WIONP 30,148 - 195-62 - A-22 KIBYL 27,405 - 379-29 - A-24 KIAKI 24,149 - 302-4 - B-24 WINYI 19,440 - 162-48 - A-12 WINYI 17,380 - 149-47 - A-21 WINYI 17,270 - 157-44 - A-13 WINYI 17,280 - 157-44 - A-13 WINYI 12,288 - 130-38 - A-22 KIDBR 9215 - 105-38 - A-26 WIGFO 6660 - 112-24 - A-18 WIMIJ 4495 - 58-31 - A-4 WIMEM 3915 - 87-18 - A-1 WIKIN 1600 - 405-4 - WIMMEG 1203 - 37-13 - A-3 WIETH 1080 - 2850 - 57-20 - A-7 WIKIN 1600 - 424-18 - A-2 WIEFF 615 - 21-12 - A-5 WIMMW 538 - 22-10 - A-5 WIMPJ 455 - 14-13 - A- KINGL 1660 - 10 - 7-A-1 KIACJ 166 - 10 - 7-A-1 KIACJ 166 - 0 - 7-A-1 KIACJ 100 - 85-A-2	W1NS52,883- 325-66-A-26
WIWLZ. 41,738- 316-53-A-25 WIMKW. 39,300- 393-50-B-30 KICLO. 37,730- 311-49-A-23 WIPSS. 36,465- 215-68-A-33 WIPSS. 36,465- 215-68-A-33 WIPSS. 36,465- 215-68-A-33 WIPLJ. 31,493- 221-57-A-26 WIONP. 30,148- 195-62-A-22 KIBYL. 27,405- 379-29-A-24 KIAKI. 24,149- 300-41-B-33 WIHY. 19,440- 162-48-A-17 WICWU. 17,380- 149-47-A-21 WINJL. 17,270- 157-44-A-13 WINJL. 17,270- 157-44-A-13 WINJL. 17,270- 157-44-A-13 WINJL. 17,270- 157-38-A-26 WIGFO. 6660- 112-24-A-18 WIGTO. 6660- 112-24-A-18 WIGTO. 395-58-71-8-A-27 WIKIN. 395-58-71-8-A-27 WIKIN. 2500- 407-3-A-3 WIETH. 10800- 42-18-A-2 WILETH. 10800- 42-18-A-2 WILETH. 10800- 42-18-A-2 WILETH. 10800- 42-18-A-3 WIETH. 10800- 42-18-A-1 KIACJ. 114-8-7-A-2 KIDEY. 166- 10-7-A-1 KIACJ. 114-8-7-A-2 KNIHSD. 100-8-5-A-	KICUD46,894- 309-61-A-33
KICLO. 37,730- 311-49-A-23 WIPSS. 36,465- 21-568-A-33 WISMO. 34,830- 258-54-A-13 WIPLJ. 31,493- 221-57-A-26 WIONP. 30,148- 195-62-A-22 KIBYL. 27,405- 379-29-A-24 KIAKI. 24,149- 300-41-B-33 WIHY. 19,440- 162-48-A-17 WICWU. 17,380- 149-47-A-21 WINJL. 17,270- 157-44-A-13 WINJL. 17,270- 157-44-A-13 WINJL. 17,270- 157-44-A-13 WINJL 17,270- 157-44-A-13 WINJL 17,270- 157-38-A-26 WIQFO. 6660- 112-24-A-18 WIGHO. 395-8. 87-18-A-21 WILKIN. 2850-8. 87-18-A-21 WILKIN. 1485-14-13-A-3 WIETH. 0860-24-18-A-2 WILKIN. 2850-14-13-A-3 WICHG. 1850-14-13-A-1 KIACJ. 114-8. 7-A-2 KNIHSD. 100-8. 5-A-	WILJO42,333- 287-59-A-28
KICLO. 37,730- 311-49-A-23 WIPSS. 36,465- 21-568-A-33 WISMO. 34,830- 258-54-A-13 WIPLJ. 31,493- 221-57-A-26 WIONP. 30,148- 195-62-A-22 KIBYL. 27,405- 379-29-A-24 KIAKI. 24,149- 300-41-B-33 WIHY. 19,440- 162-48-A-17 WICWU. 17,380- 149-47-A-21 WINJL. 17,270- 157-44-A-13 WINJL. 17,270- 157-44-A-13 WINJL. 17,270- 157-44-A-13 WINJL 17,270- 157-44-A-13 WINJL 17,270- 157-38-A-26 WIQFO. 6660- 112-24-A-18 WIGHO. 395-8. 87-18-A-21 WILKIN. 2850-8. 87-18-A-21 WILKIN. 1485-14-13-A-3 WIETH. 0860-24-18-A-2 WILKIN. 2850-14-13-A-3 WICHG. 1850-14-13-A-1 KIACJ. 114-8. 7-A-2 KNIHSD. 100-8. 5-A-	W1MKW 30 300- 302-50-B-30
WIPSS. 36,465-215-68-A-33 WISMO 34,830-28-54-A-13 WIPLJ 31,493-221-57-A-26 WIONP 30,148-195-62-A-22 KIBYL 27,405-379-29-A-24 KIAKI 27,405-379-29-A-24 KIAKI 24,149-302-41-B-33 WIHY 19,440-162-48-A-17 WICWU 17,380-149-47-A-21 WINJL 17,270-157-44-A-13 WINQT 12,208-130-38-A-26 WINGT 12,208-130-38-A-26 WIQFO 6660-112-24-A-18 WIMIJ 4495-87-18-A-21 WILGO 2850-57-20-A-7 WIKIN 3915-87-18-A-21 WILGO 2850-57-20-A-7 WIKIN 1600-40-1-3-A-3 WIETH 1080-2-1-3-B-2-3 WIETH 1080-2-1-3-B-3 WIETH 1080-2-3-B-3 WIETH 1080	K1CLO 37 730- 311-49-A-23
WISMO 34,830-258-54-A-13 WIPLJ 31,493-221-57-A-26 WIONP 30,148-195-62-A-22 KIBYL 27,405-379-29-A-24 KIAKI 24,149-300-41-B-33 WIHY 19,440-162-48-A-17 WICWU 17,380-149-47-A-21 WINJL 17,270-157-44-A-13 WINJL 17,270-157-44-A-13 WINJL 17,270-157-44-A-13 WINJL 17,270-157-38-A-26 WIGFO 6660-112-24-A-18 WIGHO 6660-112-24-A-18 WIGHO 395-8-8-31-A-4 WICKIN 395-8-8-31-A-4 WICKIN 395-8-8-31-A-3 WICTH 1080-24-18-A-2 WILETH 618-2-12-A-5 WIOPJ 455-14-13-A-5 WIOPJ 455-14-13-A-5 WIOPJ 455-14-13-A-5 WIOPJ 455-14-13-A-5 KIDEY 166-10-7-A-1 KIACJ 114-8-7-A-2 KINIHSD 100-8-5-A-	W1PSS 36.465- 215-68-A-33
WIPLJ 31,493 - 221-57-A-26 WIONP 30,148 - 195-62-A-22 KIBYL 27,405 - 379-29-A-24 KIAKI 24,149 - 300-41-B-33 WIHY 19,440 - 162-48-A-17 WINJL 17,380 - 149-47-A-17 WINJL 17,270 - 157-44-A-13 WINQT 12,208 - 130-38-A-26 WIQFO 6660 - 112-24-A-18 WIMIJ 4495 - 58-31-A-4 WICMW 3915 - 87-18-A-21 WILGO 2850 - 57-20-A-7 WIKIN 600 - 401-A-4 WIMEG 1203 - 37-13-A-3 WIETH 1080 - 24-18-A-2 WIETH 1080 - 24-18-A-2 WIETH 1080 - 24-18-A-2 WIETH 505-61-51-51-51-51-51 WIONGW 538 - 22-10-A-5 WIONGW 54-18-A-1 WIMIN 54-18-A-1 KIACJ 114-8-7-A-2 KNIHSD 116- 0-7-A-1 KIACJ 116- 0-7-A-1 KIACJ 116- 10-7-A-2 KNIHSD 110- 85-5-A-	WISMO 34 830- 258-54-4-13
K1BYL. 27,405- 379-29-A-24 K1AKI. 24,149- 300-41-B-33 W1HY. 19,440- 162-48-A-17 W1CWU 1,7380- 194-47-A-21 W1NJL. 17,270- 157-44-A-13 W1NQT 12,208- 130-38-A-22 K1DBR. 9215- 105-38-A-26 W1QFO. 6660- 112-24-A-18 W1MIJ. 4495- 58-31-A-4 W1CMW. 3915- 87-18-A-21 W1LGO. 2850- 57-20-A-7 W1KIN. 1600- 40-16-A-4 W1MEG. 1203- 37-13-A-3 W1ETH. 1080- 24-18-A-2 W1EFF. 615- 21-12-A-5 W1MWW 538- 22-10-A-5 W1MWW 538- 22-10-A-5 W1OPJ. 455- 14-13-A- K1DEY. 166- 10- 7-A-1 K1ACJ. 114- 8- 7-A-2 KNIHSD. 100- 8-5-A-	W1PLJ31.493- 221-57-A-26
K1BYL. 27,405- 379-29-A-24 K1AKI. 24,149- 300-41-B-33 W1HY. 19,440- 162-48-A-17 W1CWU 1,7380- 194-47-A-21 W1NJL. 17,270- 157-44-A-13 W1NQT 12,208- 130-38-A-22 K1DBR. 9215- 105-38-A-26 W1QFO. 6660- 112-24-A-18 W1MIJ. 4495- 58-31-A-4 W1CMW. 3915- 87-18-A-21 W1LGO. 2850- 57-20-A-7 W1KIN. 1600- 40-16-A-4 W1MEG. 1203- 37-13-A-3 W1ETH. 1080- 24-18-A-2 W1EFF. 615- 21-12-A-5 W1MWW 538- 22-10-A-5 W1MWW 538- 22-10-A-5 W1OPJ. 455- 14-13-A- K1DEY. 166- 10- 7-A-1 K1ACJ. 114- 8- 7-A-2 KNIHSD. 100- 8-5-A-	W10NP30,148- 195-62-A-22
KIAKI. 24,149-300-41-B-33 WIHY 19,440-162-48-A-17 WICWU 17,380-149-47-A-21 WINJL 17,270-167-44-A-13 WINJL 17,270-167-44-A-13 WINJL 17,270-165-38-A-26 KIDBR 9215-105-38-A-26 WIQFO 6660-112-24-A-18 WIMIJ 4495-58-31-A-4 WICMW 3915-87-18-A-21 WILGG 2850-57-20-A-7 WILGG 1600-40-16-A-3 WICTH 10800-40-16-A-3 WIETH 1080-24-18-A-2 WILEF 615-21-12-A-5 WIOPJ 455-14-13-A- KIDEY 166-10-7-A-1 KIACJ 114-8-7-A-2 KIDEY 166-10-7-A-1 KIACJ 114-8-7-A-2 KNIHSD 100-8-5-A-	KIBYL 27.405- 379-29-A-24
W1CWU 17,380-149-47-A-21 W1NJL 17,270-157-44-A-13 W1NJL 17,270-157-44-A-13 W1NQT 12,208-130-38-A-22 K1DBR 9215-105-38-A-26 W1QFO 6660-112-24-A-18 W1MIJ 4495-58-31-A-4 W1CMW .3915-87-18-A-21 W1CMW .3915-87-18-A-21 W1CMW .3915-87-18-A-21 W1CMW .3915-87-18-A-21 W1CMW .3915-87-18-A-21 W1CMW .3915-81-A-2 W1CMW .3915-81-A-2 W1CMW .1608-40-18-A-2 W1CMW .1608-24-18-A-2 W1CMW .538-22-10-A-5 W1	K1AKI24,149- 300-41-B-33
WINJL 17,270- 157-44-A-13 WINQT 12,208- 130-38-A-22 KIDBR 9215- 105-38-A-26 WIQFO 6660- 112-24-A-18 WIMIJ 4495- 58-31-A-4 WICMW 3915- 87-18-A-21 WILGO 2850- 57-20-A-7 WIKIN 1600- 40-16-A-4 WIMEG 1203- 37-13-A-3 WIETH 1080- 24-18-A-2 WIETF 615- 21-12-A-5 WIMMW 538- 22-10-A-5 WIOPJ 455- 14-13-A- KIDEY 166- 10- 7-A-1 KIACJ 114- 8- 7-A-2 KNIHSD 100- 8-5-A-	W1HY19,440- 162-48-A-17
KIDBR 9215- 105-38-A-26 W1QFO 6660- 112-24-A-18 W1MIJ 4495- 58-31-A- 4 W1CMW 3915- 87-18-A-21 W1LGO 2850- 57-20-A- 7 W1KIN 1600- 40-16-A- 4 W1MEG 1203- 37-13-A- 3 W1ETH 1080- 24-18-A- 2 W1EFF 615- 21-12-A- 5 W1MMW 538- 22-10-A- 5 W10PJ 455- 14-13-A- K1DEY 166- 10- 7-A- 1 K1ACJ 114- 8- 7-A- 2 KNIHSD 104- 8- 5-A-	W1CWU17,380- 149-47-A-21
KIDBR 9215- 105-38-A-26 W1QFO 6660- 112-24-A-18 W1MIJ 4495- 58-31-A- 4 W1CMW 3915- 87-18-A-21 W1LGO 2850- 57-20-A- 7 W1KIN 1600- 40-16-A- 4 W1MEG 1203- 37-13-A- 3 W1ETH 1080- 24-18-A- 2 W1EFF 615- 21-12-A- 5 W1MMW 538- 22-10-A- 5 W10PJ 455- 14-13-A- K1DEY 166- 10- 7-A- 1 K1ACJ 114- 8- 7-A- 2 KNIHSD 104- 8- 5-A-	W1NJL17,270- 157-44-A-13
WIQFO .6660- 112-24-A-18 WIMJJ .4495- 58-31-A-4 WICMW .3915- 87-18-A-21 WILGO .2850- 57-20-A-7 WIKIN .1600- 40-16-A-4 WIMEG .1203- 37-13-A-3 WIETH .1080- 24-18-A-2 WIEFF .615- 21-12-A-5 WIMMW 538- 22-10-A-5 WIOPJ .455- 14-13-A-KIDEY .166- 10-7-A-1 KIACJ .114- 8-7-A-2 KNIHSD .100- 8-5-A-	WINQI12,208- 130-38-A-22
WIMIJ . 4495 - 58-31-A - 4 WICMW . 3915 - 87-18-A-21 WILGO . 2850 - 57-20-A - 7 WIKIN . 1600 - 4016-A - 4 WIMEG . 1203 - 37-13-A - 3 WIETH . 1080 - 24-18-A - 2 WIETF . 615 - 21-12-A - 5 WIMMW . 538 - 22-10-A - 5 WIOPJ . 455 - 14-13-A - KIDEY . 166 - 10 - 7-A - 1 KIACJ . 114 - 8 - 7-A - 2 KNIHSD . 100 - 8 - 5-A -	W10F0 8880 119 94 4 19
WILGO 2850 - 57-20-A - 7 WIKIN 1600 - 40-16-A - 4 WIMEG 1203 - 37-13-A - 3 WIETH 1080 - 24-18-A - 2 WIEFF 615 - 21-12-A - 5 WIOPJ 455 - 14-13-A - KIDEY 166 10 - 7-A - 1 KIACJ 114 - 8 - 7-A - 2 KNIHSD 100 - 8 - 5-A -	WINTI 4405 50.21 A 4
WILGO 2850 - 57-20-A - 7 WIKIN 1600 - 40-16-A - 4 WIMEG 1203 - 37-13-A - 3 WIETH 1080 - 24-18-A - 2 WIEFF 615 - 21-12-A - 5 WIOPJ 455 - 14-13-A - KIDEY 166 10 - 7-A - 1 KIACJ 114 - 8 - 7-A - 2 KNIHSD 100 - 8 - 5-A -	W1CMW 3915- 87-18-4-21
WIKIN. 1600- 40-16-A-4 WIMEG 1203-37-13-A-3 WIETH 1080-24-18-A-2 WIMMW 538-22-10-A-5 WIOPJ 455- KIDEY 166-10-7-A-1 KIACJ 114-8-7-A-2 KNIHSD 100-8-5-A-	W1LGO 2850- 57-20-A- 7
WIMEG. 1203 37-13-A-3 3 WIETH 1080 24-18-A-2 WIEFH 615 21-12-A-5 WIMMW. 538 22-10-A-5 WIOPJ. 455 14-13-A-FIDEY. 166 10-7-A-1 KIACJ. 114-8-7-A-2 KNIHSD. 100-8-5-A-	
WIETH . 1080 24-18-A-2 WIEFF . 615- 21-12-A-5 WIMMW . 538- 22-10-A-5 WIOPJ . 455- 14-13-A KIDEY . 166- 10-7-A-1 KIACJ . 114- 8-7-A-2 KNIHSD . 100- 8-5-A-	W1MEG1203- 37-13-A- 3
W1OPJ455- 14-13-A K1DEY166- 10- 7-A- 1 K1ACJ114- 8- 7-A- 2 KN1HSD100- 8- 5-A	W1ETH 1080- 24-18-A- 2
W1OPJ455- 14-13-A K1DEY166- 10- 7-A- 1 K1ACJ114- 8- 7-A- 2 KN1HSD100- 8- 5-A	W1IEF615- 21-12-A- 5
W1OPJ455- 14-13-A K1DEY166- 10- 7-A- 1 K1ACJ114- 8- 7-A- 2 KN1HSD100- 8- 5-A	W1MMW538- 22-10-A- 5
K1ACJ114- 8- 7-A- 2 KN1HSD100- 8- 5-A	W1OPJ455- 14-13-A
K1ACJ114- 8- 7-A- 2 KN1HSD100- 8- 5-A K1CEH45- 5- 4-A- 3	KIDEY166- 10- 7-A- 1
KNIHSD100- 8- 5-A- = K1CEH45- 5- 4-A- 3	K1ACJ114- 8- 7-A- 2
KIUEH40- b- 4-A- 3	KNIHSD100- 8- 5-A
WIMY (6 oprs)	W1MY (6 opre)

W1WA1 (... 97,155-702-0-104)
W1AF (K28 DLJ HGM,
W8HIF)
S15,100- 330-54-B-22
W1JMS (W18 JMS KFF, K18
BID BIE)
10,902- 122-46-B-25
K2KIR/1 (W1WAJ, K2KIR)
5495- 79-28-A-7

Western Massachusetts	
W1JYH 181,843-1246-73-B-38	
W1EOB . 178,558-1223-73-B-40	
W1DZV100,643- 567-71-A-31	
W1KGJ91,350- 522-70-A-33	
W1EZD63,619- 398-65-A-39	
W1WF37.395- 280-54-A-26	
W1AZW35,340- 228-62-A-21	
W1DGT 29,510- 227-65-B-18	
K1BZM 21,448- 191-46-A-25	
W1RWR 11,500- 100-46-A- 8	
W1IPN <sup>8</sup> 8458- 100-34-A- 9	
W1BKG4760- 70-34-B	
KN1GTW*3076- 56-23-A-28	
W1DGL1998- 47-17-A- 2	
W1DYO1960- 28-28-A-11	
K1CSW1720- 43-16-A- 6	
KN1GIQ1378- 35-19-A-14	
KN1HRL1080- 36-12-A-17	
K1ITU540- 27- 8-A- 7	
K1DAJ359- 22- 7-A- 6	
W1PUO (W1s CRK WEF,	
K1GIZ)	

126,300- 900-71-B-37

Ne	n Hamn	ohiro
		460-70-A-38
W1CUL	. 48,300-	328-60-A-36
		250-57-A-19
WITVB	28,910-	210-56-A-21 253-45-A-31
KIATL	10.050-	101-40-A-17
K1CSJ	8145-	92-36-A-17
		43-20-A-32 29-14-A
K1CIF K1BCS		21-17-A- 2



K7AST
W7QLH
W7DPW.
W7DZX
W7BJR
W7ETO
W7FZB
K7BRQ
W7MEA.
KN7CEO*
K7AUS
W7PN
KN7GIV.
KN7CNT
W7IEU
K7AZD
KN7GDO
W7CWN.
W7EJD

W1QMM91,170-	507-72-A-34
K1GBF 65,859-	450-59-A-40
K2HVN/1.58,125-	
W1SWX/1.20,425-	
KN1HCO/1536-	20-11-A-22
K4KGZ/1 (KN1H	
	111-28-A-22

#### NORTHWESTERN DIVISION

KL7CRE55,725- 381-60-A-39 KL7CUR18,105- 142-51-A- — KL7FBI5328- 73-37-B- 6 KL7CTB (KL78 CND CTB) 7254- 93-39-B-
Idaho W7WMO51,699- 354-59-A-31 K7CPC10,660- 115-41-A-23

Montand W7HAH. 116,424- W7VGZ 64,756- K7ABV 62,278- W7TPE 59,710- K2OUK/7 6525-	825-72-B-40 401-65-A-31 440-58-A-36 430-56-A-29
W7JHA . 79,730- W7KMU . 64,080- K7AWH . 51,170- W7LT . 30,800- W7FKF . 15,921- K7BDK . 12,758- K7BBD . 11,020- KN7CSN . 590- W7DMC (9 oprs.)	861-68-A-40 890-69-B-39 750-66-A-39 469-68-A-40 405-64-A-34 303-68-A-32 224-55-A-27 139-47-A-20 122-41-A-16 116-38-A-10 37-8-A-17

Washingt	on
W7YGN.167.353-	
W7HMQ.160,020-	889-72-A-40
W7LEV150.938-	
W7PQE129.393-	
W7AJS119.510-	
W7RGL82.524-	
W7JC73.308-	
K7CHH73,185-	437-68-A-39
W7VRO70,703-	
W7AVY58.240-	
***************************************	000 01.11 00

K7AST50.76	3- 333-62-A-36
W7QLH44,60	
W7DPW 33.89	
W7DZX21.42	
W7BJR18.90	
W7ETO14,04	0- 117-48-A-13
W7FZB 11,50	0- 100-46-A- 9
K7BRQ777	0- 111-28-A
W7MEA700	0- 70-40-A- 9
KN7CEO* 631	6- 90-31-A-30
K7AUS571	5- 64-36-A- 5
W7PN550	
KN7GIV367	
KN7CNT 336	
W7IEU297	
K7AZD213	
KN7GDO134	
W7CWN45	64- 17-11-A- 6
W7EJD25	9- 12- 9-A- 3
K7BSR3	30- 4-3-A-1

### PACIFIC DIVISION

Hawaii
KH6IJ104,609- 717-73-B-39
KH6HAA 73.613- 459-65-A-39
KH6CJJ34.510- 244-58-A-30
KX6CW20,882- 197-53-B-23
Vorada

W7KEV...188,683-1071-71-A-40 W7ZVN...36,018-317-58-B-32 W7VIII 16,416-152-54-B-12

102-04-D-12
Valley
859-73-A-35
863-71-A-36
698-71-A-40
510-67-A-23
258-59-A-22
268-52-A-29
250-55-A-27
200-55-A-39
73-73-B-13
90-38-A-32
125-17-A-15
83-14-A- 7
55-10-A- 7
30-21-A-11
19- 8-A- 6

V
932-72-A-40
847-72-A-39
665-73-A-35
481-71-A-35
445-69-A-28
504-66-B-29
400-63-A-39
375-60-A-35
323-63-A-40
300-59-A-36
141-38-A-29
24- 7-A-11

864-70-A-40	San Franc	risco
714-73-A-40	K6OPI126,000-	702-72-A-38
705-68-A-30	W6SIJ 118,825-	679-70-A-40
600-69-B-34	W6EYY . 115,908-	662-71-A-27
413-71-A	W6YC72,504-	507-72-B-35
437-68-A-39	K6JFY17,200-	172-40-A-31
431-66-A-19	W6WLV8978-	87-42-A-19
366-64-A-36	K6EKC2494-	43-29-B- 4
(Continued	on page 176)	

### Sweepstakes

(Contin	ued from page	63
Sacramento Valley	WALK	

K6SXA193,633-1061-73-A-40	K4QET7508- 137-22-A-22
K6RFT12,555- 143-36-A-26	K4QXS6860- 100-28-A- 8
K6SXX6738- 124-22-A-30	K4RBQ6265- 95-28-A-29
W6DWJ1620- 36-18-A-14	W4NHX5720- 88-26-A-10
	K4TFL5240- 69-32-A-18
San Joaquin Valley	K4EJG2520- 36-28-A- 8
W6VPV69,513- 419-67-A-36	K4KOX1700- 43-16-A- 4
W6BVM 41,844- 260-65-A-12	K4OJZ1369- 37-15-A- 6
W6BYH31,560- 263-60-B- 8	K4PRO495- 18-11-A- 2
K6LZU25.740- 201-52-A-35	W4WSF75- 6- 5-A- 1
K6ZJY 24,180- 202-48-A-38	K4PYR19- 4-3-A-1
W6QXF/6.20.800- 130-64-A-31	W4APM (W48 APM TFX)
W6VMB12,146- 120-41-A-16	13.195- 182-29-A-12
W6UWF6705- 149-18-A-30	W4TFX W48 APM TFX)
KN6ROU*1890- 43-21-A-16	1688- 45-15-A- 4
KN6RQM585- 20-12-A-18	

### ROANOKE DIVISION

North Carotina
K4HXF138,361- 780-71-A-34
K4RID90,000- 500-72-A-31
K4LXO66,953- 430-62-A-40
K4MWB 58,179- 386-61-A-25
K4DNW56,070- 356-63-A-27
W4LYV52,675- 305-70-A-19
W4ATC43,549- 277-63-A-19
K4LXT23,130- 268-36-A-19
K4JSC13,490- 145-38-A-16
W4AGI910,638- 115-37-A- 5
KN4SSM*5250- 65-35-A-24
KN4YEP2220- 41-24-A-15
KN4ZIW615- 21-12-A-14
W4BUU88- 7-7-A-4
K4VNY (K4s RAF VNY)
70.640- 448-64-A-37

W4BWZ75,863-	
K4MUP59,933-	393-61-A-29
W4IFT 9785-	104-38-A-23
W4JA5015-	59-34-A- (

W4KFC . 235,790-1296-W4CXA . 176,400- 981-W4RQR . 176,113- 967-W4PNK . 174,150- 970-W4JAT . 166,075- 911-K4GMX . 154,530- 865-W4JZT . 198,450- 865-296-73-A-40 981-72-A-38 967-73-A-40 970-72-A-34 911-73-A-40 865-72-A-39 780-71-A-27 V4BZE . . 138,450-V4JFE . . . 135,975-V4GF . . . 135,324-777-70-A-38 743-73-A-37 721-70-A-40 750-66-A-37 W4JFE 135, 324-W4GF 135, 324-W4TKR 125, 825-K4CAX 123, 750-W4ZM 121, 545-W4PRO 110, 504-W4YHD 110, 141-W4YHD 110, 165--73 -73 666 610 639 607-71 W4SNH. . 107,565 W48NH . 107,565-K4OAQ . 75,826-W4WBC . 73,780-K4MXF . 68,000-W4HZZ . 57,936-W4CQI . 57,566-W4JUQ . 57,566-W4MXU . 48,705-W4FZG . 46,373-K4CQM . 45,600-K4JVE . 42,953-W4THM . 37,932-434-68-A-30 456-51-A-22 383-51-A-31 383-51-A-31 344-54-A-18 325-57-A-30 252-69-A-14 327-58-B-24 207-64-A-15 203-63-A-16 211-52-A-14

W4FZQ 46.373K4CQM 45.600K4JVE 42.963W4THM 37.932W4JUJ 33.040K4ELG 31.894K4IKF 27.430VE2BX/W4

W4DAK 21.884W4DAK 21.884W4AMP 21.490W4YE 20.300K4REH 17.078W4SXE 13.324W4ATQ 11.440W4FJ 9600K4AK 9113-170-55-A-15 218-41-A-21 154-56-A-20 204-40-A-9 150-46-A-12 105-51-A-10 143-32-A-15 80-48-A-18 81-45-A- 6

West Virginia W8DIE..129,500- 740 -70-A-35 W8FNI. W8TDG 75,881-61,223-533-57-A-34 454-54-A-35 X4CQA/8.26,898 X8KFK...24,026 26,898 -58-A-25 -43-A-24 230 K8JPV... 15,631-14,250-162 W8BZY . . K8GWT . . K8LUS . . . -46 -25 

40 D 7

### ROCKY MOUNTAIN DIVISION

Colorado 739-72-A-32 627-68-A-36 525-69-A-36 530-62-A-40 WØCDP 133,020-WØANA<sup>10</sup>. 80,058-399-60 298-64 KØEDH... ...59,850-KØIIU 304-341-258-228-KØEDK... 45,600-KØIUB. 41,114-KØGEU. 38,055-WØMYB. 34,618-KØEDG. 21,450-KØKLB. 19,910--61-A 156 КØK.I.В. 19,910- 195-74-7-60 WØBON. 19,678- 150-53-A-12 КØITW. 13,579- 135-41-A-15 КØLMD. 10,395- 103-42-A-17 WØSGG. 5160- 48-43-A-9 КNØPGM. 1193- 31-18-A-11 КФНХС. 688- 25-11-A-КNØRGY (KNØp PNM RGY) 11,250- 100-45-A-27 клФРИ (КNØp PVI RQG) KNØPVI (KNØS PVI RQG) 3278- 64-23-A-13

	Ciun	
W7BAJ	100,909-	570-71-A-38
		561-62-A-24
K7AXO	.26,898-	207-53-A-21
K7BNK	. 20,670-	158-53-A-22

New Mexico .135,720- 75 New Mes W5CK . 135,720-W5NTM . 60,803-K5LXE . 37,515-K5QBV . 21,621-K5IQA . 10,064-KN5OWH\*. 5720-KN5QIN . 5040-W5LMI . 3713-KN5OCP 1935-365 250 -67-A--67-A-35 -61-A-24 178-49 99-41 80-32-A-28 71-32-A-23 55-30-A-6 27-19-A-11 KN5QCP

W7ABO72,562- 511-71-B-34
W7HRM 45,480- 379-60-B-22
W7BHH35,650- 234-62-A-26
W7SQT455- 14-13-A- 2
KN7CRL (K7DTD, KN7CRL)
KN7CRL (K7DTD, KN7CRL) 18,590- 166-52-A-40

(Continued on page 178)

SOUTHEASTERN DIVISION	K6BEP 32.373-223.46.A.35 K6PXQ 31.0770-34.152.A.29 W6VIV 29.754-260.58.B.38 K6KYH 26.000-20-25.A.20 W6UQC 24.360-23.342.A.32 K6UQK 19.020-16.148.A.10 K6CQF 18.596 131-57-A-8 W6OEO 16.819-153-45-A.28 K6HSQ 11.320-143-32-A.35 W6VRJ 10.850-156-28-A.21 W6CIS 10.368-72-72-B- K6ZDL 9345-89-42-A-7 K6YNB 9258-92-46-A-7 KN6TUN* 8740-94-38-A.17 W6WDH 8400-105-32-A-7 W6WDH 8400-105-32-A-7 K6CVD 5981-73-33-A-11 K6CDW 6160-77-32-A-7 K6YVD 5981-73-33-A-11 K6QQB 5184-75-29-A-14 KN6PVS 4169-64-29-A-24 K6MKG 3648-57-32-B-14 W6UGU 3120-55-24-A-11 K6QIB 3180-33-A-14 K6MKG 3648-57-32-B-14 W6UGU 3120-55-24-A-11 K6QIP 2560-64-16-A-8 K6BFZ 1980-33-24-A-5 W6MHS 1978- W6MHS 1978-
Alabama K4HPR. 87,763-505-70-A-35 W4KAC. 67,650-518-66-B-39 K4RJM. 62,914-442-57-A-35 K4IWI. 27,913-193-58-A-23 K4LNA. 19,916-208-52-B-27 W4WOG 16,231-125-53-A-10 W4PPK. 9928-105-38-A-10 KN4ZXX. 1530-37-18-A-21 W4CIU. 176-11-8-B-3 K4MMO K48-AMO SSB)	K6KYH26,000- 202-52-A-20
W4KAC67,650- 518-66-B-39	W6UQC24,360- 233-42-A-32 K6VDK19,020- 161-48-A-10 K6CQF18,596 131-57-A-8
K4RJM62,914- 442-57-A-35 K4IWI27,913- 193-58-A-23	K6CQF18,596 131-57-A- 8 W6OEO 16.819- 153-45-A-28
K4LNA19,916- 208-52-B-27 W4WOG 16 231- 125-53-A-10	K6HSQ11,320- 143-32-A-35
W4PPK9928- 105-38-A-10	ROCUP. 18,596 131-57-A- 3 WGOEO. 16,819-153-45-A-28 K6HSQ. 11,320-143-32-A-35 W6VRJ. 10,830-156-28-A-21 W6CIS. 10,368-72-72-B K6ZDL. 9345-89-42-A-7 K6YNB. 9258-92-46-A-7
W4CIU176- 11- 8-B- 3	K6ZDL9345- 89-42-A- 7 K6YNB9258- 92-46-A- 7
K4MMO K4s AMO SSB) 81.765- 474-69-A-35	KN6TUN* . 8740- 94-38-A-17 W6WDH 8400- 105-32-A-
W4CIU	W6ACL7553- 80-38-A-11
52,010- 200-02-11-20	K6CDW 6160- 77-32-A- 7
Eastern Flortda W4LVV . 138,700- 761-73-A-40 K4DAS . 138,006- 793-71-A-40 W3DJN/4120,420- 670-72-A-40 W3DJN/4120,420- 670-72-A-40 W4VPD . 16,100- 645-72-A-40 K4QHG . 68,288- 535-64-B-37 W4BTO . 66,833- 440-67-A-26 K4JLD . 55,360- 330-64-A-39 K4RDN . 47,500- 340-56-A-18 K4MDN . 18,988- 155-49-A-19 K4RDN . 18,988- 155-49-A-19 W4MW . 19,285- 116-39-A-13 W4EFV . 6705- 68-36-A-19 W4MW . 10,725- 116-39-A-13 W4EFV . 6705- 68-A-15 K4DRO . 2600- 40-26-A-1 K4HOK . 5160- 67-32-A-7 KN4ZRU* . 5119- 62-35-A-27 KN4ZRU* . 5119- 62-35-A-27 KN4ZRU* . 519- 62-35-A-27 K4DRO . 2600- 40-26-A-1 K4SZDW . 900- 24-15-A-17 KN4ZDW . 900- 24-15-A-17 KN4ZDW . 900- 24-15-A-17	K6YNB 9258 92-46-A 7 KN6TUN* 8740 94-38-A-17 W6WDH 8740 105-32-A - W6ACL 7553 80-38-A-11 W6UFJ 619-100-25-A-31 K6CDW 6160 77-32-A 7 K6VVD 5981 73-33-A-11 K6QQB 5184 75-29-A-14 KN6PVS 4169 64-29-A-24 K6MKG 3648 57-32-B-14 W6UGU 3120 55-24-A-11 K6QIP 3250 64-16-A 8
K4DAS138,006- 793-71-A-40 W8DJN/4120.420- 670-72-A-40	KN6PVS4169- 64-29-A-24 K6MKG 3648- 57-32-B-14
W4VPD116,100- 645-72-A-40 K4OHG 68 288- 535-64-B-37	W6UGU3120- 55-24-A-11
W4BTO66,833- 400-67-A-26	K6QIP. 2560- 64-16-A- 8 K6BFZ. 1980- 33-24-A- 5 W6MHS. 1978- 44-23-B-13
K4KDN47,600- 340-56-A-18	WV6BDQ. 1420- 40-16-A-24 W6RPX 543- 31- 7-A- 4
K4MZN18,988- 155-49-A-19 K4UHH14,263- 149-38-A-39	W6RPQ1420- 40-10-A-24 W6RPX543- 31- 7-A- 4 KN6SJH525- 15-14-A-12 K6DNG523- 19-11-A- 4 K6TZV481- 18-11-A- 6
K4QPT13-633- 144-38-A- 7 K4RJJ11.788- 115-41-A-10	K6DNG523- 19-11-A- 4 K6TZY481- 18-11-A- 6
W4MW10,725- 116-39-A-13	K6TZY 481- 18-11-A- 6 K6RVE 315- 14- 9-A- 8 K6PUS 90- 6- 6-A- 4 K6ICS 30- 4- 3-A- 1 K6PZN 14- 7- 1 19-12
K4HOK5160- 67-32-A-7	K6ICS30- 4- 3-A- 1
KN4ZRT3535- 55-28-A-15	KN6SWI 8- 3- 1-A-12
K4DRO2600- 40-26-A- 2 W4SAS2400- 49-20-A-11	KNOLFU5- 2- 1-A- 5
KN4ZDW900- 24-15-A-17 W410 63- 5-5-A-1	64,268- 392-66-A-34 K6KIV (K68 KIV OIP)
K4TGY3- 1- 1-A- 1	64,268- 392-66-A-34 K6KIV (K68 KIV QIP) 5100- 68-30-A- 9 WV6AFA (W6UGU, WV6AFA)
WALEU (9 000) 24-15-A-17 W410 63- 5-5-A-1 K4TGY 3- 1-1-A-1 K4NCN (W4KXV, WØGHX) 97-808- 629-63-A-40	3- 1- 1-A
	Artzona
54,150- 365-60-A-35 K4VRW (K48 PVH VRW) 2970- 52-24-A-10	K7AIH97,020- 596-66-A-40 W7ZMD93,365- 526-71-A-36
Wastern Florida	K7AIH 97,020-596-66-A-40 W7ZMD 93,365-526-71-A-36 W7SAT/7. 36,304-231-63-A-18 W7GNL 13,178-127-42-A-18
W4WKQ.104.190-604-69-A-34 W4JLW <sup>11</sup> .98,140-717-70-B-40 K4MFI21,895-151-58-A-18 W4AXP66-6-6-B-2	San Diago
K4MFI 21,895- 151-58-A-18	San Dlego W6ZVQ . 158,330 - 892-71-A-30 W6JVA . 138,833 - 765-73-A-40 W6VNQ . 79,170 - 609-65-B-35 K6VZA . 75,438 - 427-71-A-36 WA6CEZ . 55,263 - 322-70-A-35 K6BCG . 46,688 - 275-65-A-35 K6DLS . 21,890 - 199-55-B-16 K6EQL . 18,143 - 123-59-A-9 K6LLE . 10,865 - 113-41-A-15 K6LLI . 6425 - 130-20-A-16 W76AJB . 5458 - 64-37-A-19 K6CEQ . 4530 - 76-24-A -
	W6VNQ79,170- 609-65-B-35
Georgia K4BAI 116 830_ 836-70_B-40	WA6CEZ55,263- 322-70-A-35
W4HBO116,375- 665-70-A-35	K6BCG44,688- 275-65-A-35 K6OLS21,890- 199-55-B-16
W4BXV90,304- 525-69-A-24	K6EQL 18,143- 123-59-A- 9 K6LLE 10,865- 113-41-A-15
K4BAI 16,830-836-70-B-40 W4HBO 116,375-665-70-A-35 K4MOF 97,625-550-71-A-31 W4BXV 90,304-525-69-A-24 W4ZKU 90,000-625-72-B-46 W4ZKU 90,000-625-72-B-46 K4EWG 82,626-503-71-A-27 K4EWG 25,668-A-34 W41_G 38,088-281-69-B-32 W41_DD 32,603-207-63-A-21 K4EEK 30,674-243-53-A-16 K4KZP 19,736-140-57-A-16 K4HIG 17,438-155-45-A-18 W4BGR 16,730-120-56-A-11 W4BGR 13,228-143-37-A-15 K4PIC 11,858-140-34-A-14 K4LAX 10,120-94-4A-24	K6LLI6425- 130-20-A-16
K4ATM79,950- 492-62-A-40 K4PEG42,415- 250-68-A-34	K6CEQ4530- 76-24-A
W4LG38,088- 281-69-B-32 W4LDD32,603- 207-63-A-21	WV6AJB5458- 64-37-A-19 K6CEQ4530- 76-24-A - K6EJK3113- 83-15-A-16 W6YZD128- 8-8-B-1
K4EEK 30,674- 243-53-A-16 K4KZP 19,736- 140-57-A-16	
K4HIG17,438- 155-45-A-18	W6ULS114,245- 785-73-B-33 W6JTA51,480- 315-66-A-33
W4GGD 13,228- 143-37-A-15	W6DTY41,669- 283-59-A-26 K6OFO10.800- 96-45-A-21
K4PIC	Santa Barbara W6ULS 114,245 785-73-B-33 W6JTA 51,480-315-66-A-33 W6JTY 41,669-283-59-A-26 K6OFO 10,800-96-45-A-21 W6UUL 4000-50-32-A-6 KN6TTS 140-8-7-A-1
K4LAX	1110115110- 6- 1-A- 1
K40LQ/4 853 34-11-A-7 K4QYW 701- 26-11-A-9 KN4VSV 20- 4- 2-A-1 K4SVT (W4WKP, K48 JBY SVT UWL VGO)	WEST GULF DIVISION
8VT UWL VGO) 84 056- 532-68-B-40	WEST GULF DIVISION  Northern Texas  W5MCT. 153,810-862-72-A-40  W5GNE. 76,456-475-65-A-37  W5HCL. 75,311-57-65-A-37  W5HCL. 75,311-38-65-A-25  W5FPZ. 62,134-401-63-A-40  W5DLM. 45,744-28-65-A-29  K5IDZ. 41,250-250-66-A-40  W5RVI. 38,640-278-56-A-22  K5GHP. 31,590-235-54-A-24  K5FXV. 27,560-209-53-A-37  K5IRQ. 12,656-116-45-A-  K5GFW. 10,593-112-38-A-12  W5LR. 5981-73-33-A-12
84,056- 532-68-B-40 W4BKJ (W4BKJ, WKP, KN4- ZMR)	W5MCT . 153,810- 862-72-A-40 W5GNE 76,456- 475-65-A-37
ZMR)7725- 108-30-A-17 K4UJS (K4UJS, KN4YAU) 450- 15-12-A-13	W5HCL75,311- 537-57-A-25 W5TPZ 62 134- 401-63-A-40
	W5DLM 45,744- 283-65-A-29
West Indies KP4AOO43,792-392-56-B WP4API210-13-8-A-6	W5RVI38,640- 278-56-A-22
	K5PXV27,560- 209-53-A-37
Canal Zone KZ5CN98,340- 600-66-A-31	K5GFM10,593- 112-38-A-12
KZ5LC7613- 88-35-A-12	KN5QJH1350- 33-18-A-11 K5LSY525- 18-12-A- 4
SOUTHWESTERN	K5LSY525- 18-12-A- 4
DIVISION  Los Angeles	91,375- 540-68-A-40
K6VTQ162,768- 921-71-A-35	Oklahoma W5YJS114.835- 683-68-A-34
K6CTV. 156,060- 871-72-A-40	W5YJS114,835-683-68-A-34 K5IZM112,158-844-67-B-39 K5MRJ97,536-557-71-A-40
W6SBB. 146,965- 865-68-A-37	W5LW76,680-426-72-A-30 K5ETM27,030-215-51-A-27 W5YKB13,892-151-46-B-12
K6IBE112,778- 690-66-A-40	K5ETM27,030- 215-51-A-27 W5YKB13,892- 151-46-B-12
K6CYX100,013- 572-70-A-37 K6OJV92.300- 520-71-A-40	W5YKB 13.892-151-46-B-12 KN5OKY 5005-80-28-A-21 W5LPL 2013-35-23-A-8 KN5OJD 875-32-14-A-22
W6NKR . 91,501- 517-71-A-36 W6HAL . 86,310- 619-70-R-40	KN50JD875- 32-14-A-22
W6PZH85,520- 536-64-A-40	Southern Texas K5LZO156,690- 872-72-A-40
K6JSD69,550- 428-65-A-36	K5LZO156,690- 872-72-A-40 W5WZQ.146,340- 819-72-A-40
K6ELQ65-410- 436-62-A-31 K6TVL62,744- 520-62-B-23	K5BSZ93,600- 520-72-A-26 W5LGG78,633- 443-71-A-19
W6SRT/6.57,333- 323-71-A-32 K6JBV53,925- 366-60-A-17	K5JZY77,563- 431-73-A-40 W5HHE71,190- 452-63-A-31
W6OIV. 49,613- 329-63-A-28 K6MSG 42,701- 291-59-A-33	K5JEH63,315-404-63-A-40 W1PVF/5.37,520-269-56-A-30
K6GLS 41,118- 312-66-B-28 K6UYK 40,413- 265-61-A-25	W5WZQ.146,340-819-72-A-40 K5BSZ. 93,600-520-72-A-28 W5LGG. 78,633-443-71-A-19 K5JZY. 77,653-431-73-A-40 W5HHE. 71,190-452-63-A-31 K5JEH. 68,215-404-63-A-30 W15PFL-31,602-260-64-A-30 W15PFL-31,602-260-64-A-20 W5DB
Los Angeles   K6VTQ. 162.768   891-71-A-35   K6CEF   159.218   897-71-A-36   K6CEF   159.218   897-71-A-39   K6CEV   156.606   871-72-A-40   W6WII.   150-520   850-71-A-40   W6WII.   150-520   850-71-A-40   K6GLC.   117.540   663-72-A-39   K6GLC.   12.778   690-68-A-90   609-68-A-90   609-70-A-40   609-70-B-90   619-70-B-90   619-70-B-90   619-70-B-90   619-70-B-90   619-70-B-90   619-70-B-90   619-70-B-90   619-70-B-90   62-8-8-8-8-8-8-8-8-8-8-8-8-8-8-8-8-8-8-8	W5DB9068- 117-31-A-12
(Continued	on page 180

K0DJK8000- 80-40-A-13	VE3DDF17,700- 140-01-A-19
KN5QFM1918- 37-21-A-10	VE3YV17,776- 202-44-B-21
W5QLT1643- 37-18-A	VE3DD-11,700-140-1-140 VE3YU-17,776-202-44-B-21 VE3GL17,360-112-62-A-10 VE3DPG15,800-159-40-A-17 VE3ELL12,960-108-48-A-18 VE3AUS7140-103-28-A-15
KN5QJR1073- 49-11-A-30	VE3DPG15,800- 159-40-A-17
KN5RQI1065- 37-12-A	VE3EIL12,960- 108-48-A-18
W5NIY413- 15-11-A KN5QPX270- 12- 9-A-10	VE3AUS7140- 103-28-A-15
KN5QPX270- 12- 9-A-10	VE3CLF4620- 90-21-A-14
W5MPE40- 4-4-A-2	VE3CLF4620- 90-21-A-14 VE3DVT2420- 44-22-A-14
	VE3DYJ1424- 34-17-A- 6
	VE3EGV1340- 34-16-A-11
CANADIAN DIVISION	VE3CNK1251- 34-13-A- 9
Maritime	VE3DQL413- 15-11-A- 2
W2ZRX/VO1	VE3ENL (VE3s BHS ENL)
	22.748- 171-54-A-16
44,672- 349-64-B-24	22,140 111-01-11-10
VE1EP1088- 34-16-B- 1	Mandtoha
Quebec	Manitoba
VE2ADD 49,445- 322-62-A-25	W3MCG/VE4
VE2AZN 44,530- 293-61-A-35	72,720- 610-60-B-24
VE2OL42,750- 285-60-A-20	VE4BK 20,719- 166-51-A-27
VE2AWR . 14,513- 219-27-A-27	VE4WI1760- 32-22-A- 6
VE2AHW3115- 45-28-A- 7	
VE2AJD2970- 51-24-A-12	Saskatchewan
VE3ARA2050- 42-20-A- 6	VE5VP48,454- 330-59-A-19
VE2PZ1575- 35-18-A	VE5DZ28,520- 242-62-B-29
VE2AZI120- 8-6-A-5	
VIDEREI	Alberta
Ontario	W7PSO/VE6
VE3UOT12	49 910- 979-83 A 94
130,889- 899-73-B-40	VE6QV30,495-216-57-A-27 VE6CX26,036-204-53-A-30 VE6UW15,060-126-48-A-15
VE3DSU . 115.575- 670-69-A-35	VESCY 26 036- 204-53-4-30
VE3DSU.115,575- 670-69-A-35	VERUW 15 060- 126-48-4-15
VE3AGX85,994- 699-62-B-40	VE6TY7438- 85-35-A-11
VE3EAM . 75,600- 500-63-A-21	VE011/100- 00-00-A-11
VE3EU70,875- 405-70-A-28	British Columbia
VE3DH67,519- 416-65-A-34	
VE3ACB 61,880- 364-68-A-34	VE7JO87,675- 501-70-A-36
VE3DBP . 53,760- 454-48-A-35	VE7CQ81,578- 448-73-A-30
WØAIH/VE3	VE7LB32,900- 236-56-A-14
48,320- 303-64-A-17	
VE3AVS38,860- 290-67-B-28	VE7AGN26,505-233-57-B-20
VE3MI29,160- 324-36-A-31 VE3AWE.28,767- 335-43-B-16	
VE3AWE 28.767- 335-43-B-16	Yukon/N.W.T.
VE3DDU . 20.329- 209-39-A-13	VE8JW108,186- 613-71-A-35
1 WASAAN opr 2 W7IIHK	one & W3 AFD one 4 K2 IVB
opr 5 W7VAO opr 6 W1WPR	onr 7 Hg staff not eligible for
owerd 8 W1FGI one 9 W4V7C	opr. <sup>3</sup> W3AFD, opr. <sup>4</sup> K2JVB, opr. <sup>7</sup> Hq. staff, not eligible for opr. <sup>10</sup> WØFVD, opr. <sup>11</sup> W4HBK,
Non-compating: W2CDO W/4	ISS W7DIIV WS KIK TZO
WOOD WAYED KITE WE	IAD TILLY, WOS EST 12(),
WACCE MAKIE VE	
⊢rom Iviav 1	ISS, W7PUV, WSS KJK TZO. 959 QST © ARRL
TIOTH IVIAV I	COC QOI @ / IIIIL

8000- 80-40-A-13 VE3DDP 17.786- 140-51-A-19