# Results, 49th Annual ARRL November Sweepstakes

By Mark J. Wilson,\* AA2Z and Bill Jennings,\*\* K1WJ

t's 1900Z Sunday on Sweepstakes weekend. Across the U.S. and Canada, hundreds of SSers carefully tune the bands. Bodies tense, ears alert, they sweep first 10, then 15, then 20, then 40 looking for those last few rare multipliers. Only a few more hours remain in the contest; just a few more hours to make that Clean Sweep. After all, what's Sweepstakes without a Sweep? There's something magical about working section number 74. Assuming that you work 1000 OSOs, the difference between 73 multipliers and 74 is only 2000 points. Big deal! But for most, the satisfaction of crossing that last multiplier off the check sheet transcends the excitement of increasing the score a few points. When you cross off that last section, you've worked them all. Sweepstakes is the only contest in which you can do that work them all. In a DX contest, nobody ever works all the possible multipliers. In a prefix contest, nobody ever works all of the prefixes. But in the SS, working them all is an achievement well within reach of all SS participants, no matter where they live. If you have a rig and a dipole, you can make a Sweep.

It's no wonder that many contesters shoot for the Sweep. For many, the chances of winning a section or division award are slim. Yet working a Sweep is a realistic goal. And it is also an achievement. Of the 1990 official en-

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trants in this year's SS, only 207 (10.4%) completed a Sweep on either mode. There were more Sweeps on phone (160 Sweeps out of 1035 entrants) than on code (47 out of 955).

In an effort to help the 1783 of you who didn't make a Sweep plan for next year, we've enclosed a chart showing where and when the 20 ops cleaning up on both modes worked their last three sections. From the logs, this year's four toughest sections appear to have been Mississippi, Western Massachusetts (!), Alberta and Yukon/N.W.T. What were yours? The biggest surprise on the cw weekend was the appearance of Jim, VE8JG, late Sunday afternoon. Starting at 1945Z Sunday, Jim worked 91 of the deserving, although he was "not in the contest."

Okay, so the sections were there. But what about the QSO totals? And what about the scores? On cw, the top-scoring single ops didn't have to do quite as well as last year's to make the Top Ten. K5ZD operated N5AU to first place again this year, but his score is 30 QSOs behind last year's. N4TO operating at NP4A turned in the number two code score, finding only 10 fewer QSOs than Randy. There is a gap of about 7000 points between these two superstars and the number three man, K3LR. The rest of the Top Ten box is filled out with seven scores a scant 5000 points apart. The top scores represent a good cross section of the country. No clear East Coast or West Coast domination this time.

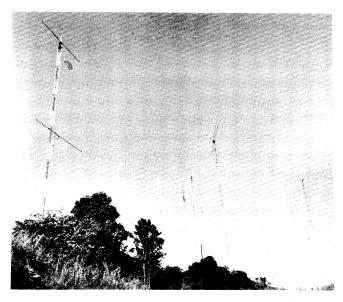
Among the low-power ops, N6IG just edged out W2TZ by the equivalent of a three-QSO margin. Actually, W2TZ's 975-QSO total is significantly higher than N6IG's 937, but 'IG's three additional sections made all the difference in the world. Perennial low-power Top Tenner K4XU finished third, and he was followed by many familiar calls from around the country.

After several tries, the Northern Ohio ARS/Mad River RC crew at WB8JBM finally found all the needed ingredients to take home the cw multiop honors. Their score is significantly higher than second-place N5CG's. Like last year, stations in the Midwest seem to have a handle on the necessary ingredients for a winning multiop effort.

Contact totals were generally down on phone, also, although you wouldn't know it from K1ZM's 2442-QSO total from NP4A. Besides setting the pace for phone single ops, Jeff also set a new all-time phone record (and hence a new Southeastern Division record). Actually, Jeff could have quit at 1930Z Sunday, after only 17 hours of operating, and still won. Among the mere mortals, AA5B put his great New Mexico location to good use for a second-place finish. The rest of the Top Ten phone list looks like a Who's Who from years past.

The phone low-power pack contains scores from all over, led by KØUK from Colorado. Looks like almost anywhere is a good place to give the phone contest a shot barefoot,





NP4A opened his truly impressive superstation to Jeff, K1ZM, for the phone portion. According to Jeff, "After many years of frustration participating from the East Coast in the SS, this one contest goes a long way toward soothing one's soul."

although the fifth call area is apparently a great place to be.

Multiop phone entrants were led by N6BT, who in turn was closely followed by AJ6O. KØWA, last year's winner, placed third. It's interesting to note that, as on cw, the top-scoring multiop would not have made the single-op Top Ten listings. Any ideas on why this is?

Affiliated-club competition is still as intense as ever, with about half of this year's official entrants indicating club affiliation. A trend we've observed during the past few years stands out crystal clear this year — the battleground for the top clubs in the country is migrating to the Medium Category as more and more of the bigger clubs have problems promoting more than 50 entries. This time around, the only club left in the Unlimited Class is the Potomac Valley Radio Club. With 84 entries, they posted a fine 7 million point score. In the Medium Category, the Texas DX Society took top honors with a score well above the others.

How did they do it? A look at the South Texas section on both modes will give you a clue. Teamwork, combined with stations and operators capable of turning in 200K scores on phone and 140K scores on code will do it every time. In the Local Category, an enthusiastic group from the Midwest won the gavel. The Lincoln ARC, voted Most Improved Club in the ARRL DX Contest last year, has proven that they can do the Sweepstakes as well. Our thanks go to all club members who got on to help out their aggregate club score, and in doing so made the SS a little more exciting for everyone.

In closing, we have a couple of administrative notes. Several people have written asking what we want in the way of computergenerated dupe and log sheets. For log sheets, the primary requirement is that they look like the official ARRL log blanks. They should have 50 QSOs per page, and they should contain the same columns of information (in the same order) as the official logs. If you submit something radically different, you run the risk of being classified as a checklog. Dupe sheets may take many forms. The basic idea is to provide us with an alpha-numeric sort of the call signs you worked during the contest. The list must be readable. If the order of the sort is not obvious, you must provide us with a key so we can figure out what you did. In all cases, you should send for the official summary sheet and submit it with your entry. The summary sheet contains all the information we need to proper-

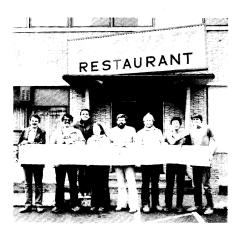
Bruce, AA5B, finished second overall in the phone portion. How did he do it?: "(1) I took down my 40-meter triangle and replaced it with an inverted V at 50 feet. (2) I bought a new mechanical pencil with 0.7-mm leads. (The 0.5-mm leads broke about every five QSOs last year.) (3) I smiled a lot."

ly list your score. If you leave out some vital information, you could end up listed with the checklogs.

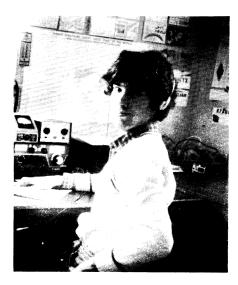
In the club competition, it is apparent that some clubs have not read the club competition rules as outlined in the January issue of QST. Specifically, the secretary (or another officer) of each club wishing to enter the affiliated-club competition must send us a complete list of all club members meeting the distance and attendance requirements. Besides listing all club members, the secretary's letter must indicate which level of competition the club wants to enter. This list is due at ARRL Hq. at the same time the logs are due.

The other point some clubs seem to miss is that it is not within the spirit of the club-competition rules to manipulate the number of club entries to fall into a lower classification. If 15 of your club members participate in Sweepstakes, we expect to see 15 entries for your club. We do not expect to see only the 10 highest with a note saying you want to enter the Local Category.

That's all for this year. Certificates will be in the mail around May 16. Work on your antennas, plan your strategy, and we'll see you this November.



The faces behind the stations of the RCCC team score (left to right): K7LXC, AG7M, K7SS, KC7RN, K7HBN, K7LR, W7WA, KB7G. (NC5U photo)



Mike, WA6JAH, keyed his way to a first-place finish in the Orange section on code. (KA6TEV photo)



Chuck, KCØDB, played host to the top-scoring lowa multiop. One thing Chuck (and several others as well) noted was that a number of stations with relatively low serial numbers called him several times. He asks that all entrants keep and use dupe sheets.

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Ton	Ten	Single	On
. ОР		Ciligio	VΡ

Phone		Cw	
NP4A (K1ZM) AA5B KØRF (WØUA) WA7NIN (W6OAT) N6BV N6TR K7RI (K7SS) W7RM (W7WA) W9YK W5WMU	361,416 287,860 278,536 274,688 273,208 268,768 267,732 263,144 259,000 256,366	N5AU (K5ZD) NP4A (N4TO) K3LR W2YV (N2NT) W3LPL K7RI (W7WA) KØRF (WØUA) K3UA K5GO N6RO	179,968 178,488 171,236 169,200 168,720 167,462 167,388 166,944 166,352 164,688

# Top Ten Low Power

136,802 136,500 133,200 131,546 131,040 129,204 128,880 127,428 126,288 121,508

## Top Ten Multiop

•	•		
Phone		Cw	
N6BT AJ6O KØWA K5CM WB8JBM N6MG K5RX WØSOE WA5TCL K5GA	245,134 239,316 228,216 227,032 205,128 197,876 196,544 193,584 192,992 190,180	WB8JBM N5CG KJ9D KM9D AG7M W6BIP K1LT KM1C NØIN/5 KØVVY	154,944 143,136 141,552 139,268 137,882 130,536 125,528 124,040 122,544 122,080

### **Division Leaders — Phone**

Division	High Powe
Canadian	VE1YX (AA22
Atlantic	K3UA `
Central	K9RS
Dakota	AKOT
Delta	W5WMU
Great Lakes	K8ND
Hudson	K2TR
Midwest	KAVX (KRØY)
New England	K1AR
Northwestern	K7RI (K7SS)
Pacific	WA7NIN (WE
Roanoke	N8II (K4PQL)
Rocky Mountain	AA5B
Southeastern	NP4A (K1ZM
	N6TR
Southwestern	
West Gulf	K5RC (K5GN

Low Power LOW Power
VO1QU
KF3V
W90BF
WAØARS
N5ATW
WD8MGQ
KR2N (KQ2M)†
KVØI
KA1VC
KØEJ
K2GMY
WD4AVY
KØUK
K4XS
N6ND
N5RZ Z) 60AT) A)t

Multioperator K2IQ/VE2 W2OW KJ9D KØVVY WA5TCL WB8JBM W2XL KØWA W1OD AG7M N6BT W4IY KB7M N4F AJ6O K5CM

# Phone

No. 3 Low Power — K4XS — Northern Florida Transceiver: TS-930

Antennas: KT34XA Tribander up 100 feet; two-element 40-meter quad up 100 feet; inverted V on 80 meters up 90 feet

Hour (Z)	No. of QSOs	Multiplier Total	Band Changes	Time Off
21	67	28	20	_
21 22	74	39	20	
23	60	49	20-15	_
23 00 01 02	53	59	15-20	
01	46	65	20	_
02	36	66 67	20-40-20	_
03 04 05 06 07 08 09	53 53 42 42	67	20	_
04	53	_	20-40	_
05	42	_	40	_
06	42	69 70	40	_
07	39 50	70	40	_
08	50		40	_
09	38	72	40-80-40	
10	18	      73  	40-80-40	30
11	44	_	40	_
12	38	_	40-20	10
13		_	_	60 05
14 15	40	-	15	05
15	56	_	15-10	_
16 17	25	_	15-10 10-15 15-10 10-15-20-10	25 30 01
1/	21	_	15-10	30
18	31	-	10-15-20-10	01
19	10	=	10-15	34
20	11	73	15-20	30 10
21	36	==	10 15	10
22	35	/4	15	_
18 19 20 21 22 23 00	48	_	15-20	=
00	48	_	20	05
01 02	_	_	_	60 60
02	_	_	_	60
	1114 QSOs	74 multi- pliers	22 band changes	6:00 time of

# Division Leaders — Cw

tnew division record

## How to Make a Clean Sweep on Both Modes

Only 20 (about 1%) of 1982's SS participants found all 74 sections on both modes. To give those of you who didn't make it some food for thought when planning this year's operating strategy, we've looked through the logs of those who did to try to find out how they did it. The following chart shows the last three multipliers that each of the lucky "Sweepers" worked, and tells where and when he worked them.

0-4	14-4-	#72	#73	SWEEP!
Call	Mode	Sect.—UTC—MHz	Sect.—UTC—MHz	Sect.—UTC—MHz
K1CC	cw	WMA—1240—7	VE8—2245—21	VE401507
	phone	KL7—1936— 21	UT—1942—21	VE6210821
W1WEF	cw	VE7—1718— 28	VE4-2213-28	VE8-0022-21
	phone	WIN—0140— 14	WVA-0212-7	VE6-0806-7
W2RQ	cw	VE61709 28	VE1174714	VE8-0016-21
	phone	WMA05013.5	MS054514	VE6-2053-28
K3SA	cw	VE6-2201-14	VE1-2202-14	VE8024214
	phone	DEL-0723-3.5	VE1-1247-14	PAC202828
K3UA	cw	VE4-2141 21	VE8-2339-21	WMA-0222-7
	phone	VE6181028	KL7-2047-21	VE8-2054-21
K2NA/4	cw	VE6—1600—28	VE4-2256-21	VE8-0006-21
	phone	ME—0535—3.5	SC-1215-3.5	VE8-1859-28
N4BP	cw	VE4215821	MS-2337-14	VE8-0026-14
	phone	ORG155828	PAC-1811-28	VE8-2107-28
K5GN	cw	VE1-1852-21	VE4230621	VE8-0214-14
	phone	NM-0515-7	LA05207	VE8-2324-28
K5WA	cw	VE1163428	VE5—1749—28	VE8-2149-21
	phone	SF204828	MS—2305—21	VE6-2359-28
K5ZD	cw	VE1150114	VE6-2205-28	VE8-0024-21
	phone	KY224314	UT-2246-14	VE8-0042-14
KG5U	cw	VE6—1807—28	VE4-2347-21	VE8-2256-21
	phone	WYO—0830—3.5	VE1-1600-21	VE6-2150-28
KM5R	cw	VT—1922—21	VE8-2346-21	MS-0057-7
	phone	PAC—2356—28	VE6-2358-28	VE8-0004-21
KZ5M	cw	MS-1405-14	VE8-2027-21	VE6-2229-28
	phone	ALA-0654-7	SC-1550-21	VE8-2319-21
N5DU	cw	VE6-2214-28	VE4-2242-28	VE8011721
	phone	PAC-1915-28	VE6-2026-28	KL7212021
N5JB	cw	NE-2006-14	VE8-2051-21	VE4-2354-21
	phone	MS-0622-3.5	NM-0630-3.5	WYO-1432-14
W5JW	cw	VE6-2056-28	VE8-2323-14	KL7-2330-14
	phone	UT-2340-14	OK-0018-14	WYO-0041-14
W5WMU	cw	VE6174028	WMA-2122-28	MS-0015-3.5
	phone	WYO06067	WIN-0745-7	MS-1435-21
KØVBU	cw	VE4-2120-21	VE6-2200-28	VE8-0258-14
	phone	MS-2307-21	PAC-2334-21	SC-2337-14
KRØY	cw	VE6-1629-28	VE4-2215-21	VE8-2308-21
	phone	SV-0310-14	VE7-0524-7	PAC-0715-7
WØUA	cw	VE4-2233-28	VE8-2353-14	VE6-0231-7
	phone	PAC-0749-7	VE8-1900-28	VE5-2006-28

## Cw

No. 1 Low Power - N6IG - East Bay Receiver: R4C Transmitter: T4XC

Antennas: KT34XA Tribander up 75 feet; inverted Vs on 80 and 40 meters

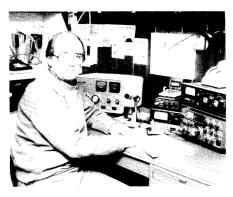
Hour	No of	Multiplian	D	<b>T</b>
	No. of	Multiplier	Band	Time
(Z)	QSOs	Total	Changes	Off
21	72	34	10	_
22	71	43	10	_
23 00 01	61	52	10-15	_
00	66	54	15	_
01	62	58	15	_
02 ·	51	61	15-20	<del>-</del>
03 04	39 22	63	20	10
05	34	69	20-40 20-80-40-80	20
06	36	_	80-40	10 20 —
07	34	_	40-80-40	=
08	17	71	40-80	25
09	22	_	40-80-40	05
10	04	_	40	50
11	_	     72	_	60
12	=	_	_	60
13	09	_	20	40
14 15	29 33	_	20	_
16	35	<del></del>	20	-
17	31	12	15 15-10-15	_
18	20	=	15-10-15	20
19	24	_	10-20-15	10
20	26	_	15-10-15	
21	19	73	15-10	_
22	21	_	10-15	10
23	25	_	15	20
00	34	_	15	_
01	13	_	15	30
02	27	_	20-40	_
	937 QSOs	73 multi- pliers	27 band changes	6:00 time of

#### **Affiliated Club Competition**

	_			
Unlimited Category	Score	Entries 84	Phone Winner W3LPL	W3LPL
Potomac Valley Radio Club	7,117,348	04	WSLFL	WOLFL
Medium Category				
Texas DX Society	6,013,316	49	K5RC	N5JJ
Yankee Clipper Contest Club Northern California Contest Club	6,013,316 3,918,312 3,700,132 3,520,262	41 32	K2TR WA7NIN	W2YV N6RO
North Texas Contest Club	3,520,262	39	K5QY	N5AU
Mad River RC Murphy's Marauders	3,338,969 2,912,676	28 32	K8ND W1WEF	K3LR K1TO
Rubber Circle Contest Club	1,876,754	11	K7RI -	K7RI
III Wind Contesters Murgas ARC	1,440,070 1,234,420	19 33	K9RS WB3FAA	K9KM N3CXB
Southern California Contest Club	1,084,056	11	N6TR AJ7Y	W6UE
Radio Club of Tacoma South Jersey Radio Assn.	1,011,204 863,860	32 30	K2AA	KG7V W2LYL
Eastern Iowá DC Assn. Northern Ohio ARS	852,686 817,492	11 16	KØLUZ N8DEQ	NØGA K8CV
Schenectady ARA	793,028 661,526	15	KB2T	KB2T
Colorado Contest Conspiracy Frankford RC	557,278	4 8	=	W2GD
Eastern Michigan ARC Fort Wayne RC	548,236 534,496	15 10	K8JLB KB9MO	K8DD W9LT
Gloucester County ARC	503,438 465,284	10	WA2OOS	N2BCF
Reading Radio Club Foothills ARS	465,284 424,068	17 14	WA3SPJ K6MA	K3WGR N6AUV
Utica ARC — DX Corps Central Michigan ARC	424,068 335,380 332,808	9 13	KJ2Q WA8QCW	W8VPC
Rockford ARA	328 856	12	K9GH	K9LJN
West Park Radiops Boeing Employees ARS	231,178 196,750 195,222	9 13	KC8F WB7DNS	W8IDM WB7WUM
Boeing Employees ARS Lower Yellowstone ARC	195,222	4	WB2FMP	_
Grumman ARC	132,294	11	WBZFMP	K2QAI
Local Category			* .	
Lincoln ARC	957,238	9 9	KØSCM KUØG	— KB <b>6</b> G
Kansas City DX Club Overlook Mountain ARC	829,590 806,550 804,532 731,812	9	WA2STM	K5NA
River City Contesters New Mexico Big River Contesters	804,532 731,812	9 9 5 5	KV6H	K6SG AA5B
Point Radio Operators Society	644,112 583,312	5 6	_	K3UA
Western ARA Western Washington DX Club	564,684	8	N7TT	K7WA
University of California ARC Central Arizona DX Assn.	536,762 513,018	4 5	=	K7OX
Central Florida DX Assn.	503 000	5	-	N4WW
Willamette Valley DX Club Wichita ARC	437,530 437,340 417,794	7	NØDEE	KFØM
Binghamton ARA ARING ARC Twin City DX Assn.	417,794 396,978	47765879573343577535	WB2QPR KD4VU	W3HVQ
Twin City DX Assn. Rochester (NY) DX Assn.	393,860 380,094	5 8	— KB2SE	N <b>∮</b> NO W2TZ
Eastern Connecticut ARA	367,172	7	K1YRP	KIYRP
Ventura County ARC Fox River Radio League	349,452 343,620	5	WA6DJS K9LUW	=
North Florida ARS Arrowhead Radio Amateurs Club	339,832 336,746	7	NO4J	N4UF
Amateur Radio Transmitting Soc. (KY)	335,108	3	_	_
Flyweight DX Group Grand Mesa Contesters	313,422 304,131	3	Ξ	=
Larkfield ARC Northrop Radio Club	301,500 294,718	5 7	KK2E W6CN	=
Northrop Radio Club Saginaw Valley ARA Ohio Valley ARA	290,170 262,428	7	_	KO8M W8RSW
United Radio Amateur Club	246,510	3	<del>-</del>	_
Valley Radio Club of Eugene Central Virginia Contest Club	241,946 224,360	5 3	AI7W	=
Sevier County ARC Mississippi Valley DX and Contest Club	224,138 218,390	5 3	WB4SFX	_
Southeastern DX Club	214,742	3	=	=
Splitrock ARA Lynchburg ARC	214,124 213,722	6 7	K2RF WD4ELJ	K2RF
Connecticut Wireless Assn. Rappahannock Valley RC	212,057 207,866	3 10	WA4EMU	 KA4RLJ
Long Island Mobile ARC	203,086	5	KS2G	_
Utah ARC Wireless Institute of the Northeast	195,174 186,008	5 3 3 5	_	=
Valley ARA (VA) Providence Radio Assn.	173,416 179,136	3 5	KA1AWS	=
Rip Van Winkle ARS	162,026	4	KE1E	_
Nashua Area RC Codex Ch. of Motorola ARC	154,046 134,726	4 3 5	_	=
Genesee Radio Amateurs Columbus ARA	127,624 121,848	5 6	WB2ODH N8LM	_
Coconino County ARC West Allis Radio Amateur Club	121,152 113,050	3 4	=	_
Wisconsin Valley Radio Assn.	111,468 97,164	4	W9NA	
L'Anse Creuse RC Davenport Radio Amateur Club	97,164 95,976	5	WA8QAF K9AYK	WA8VEB
Ozarks ARS Everglades ARC	95,976 93,220 90,108	5 3	_	WDØARX
Motor City RC	78,900	3		-
Lockport ARA Big Island ARC	77,844 72,696	3	<u></u>	=
Big Island ARC Tri City ARC Rowan ARS	63,548 58,114	5 7	KA1YE N4UH	_
Tulare County AHC	44,034	3		— Wal∨BV
Megahertz Manor Maniacs IBM Owego RC Clover Leaf Farms ARC	41,860 38,996	4		— VI I I I
Brooklyn Tech. High School ARS	35,148 32,042	3 3	W4ILE —	_
Lake Success RC Palo Alto ARA	30,066 16,488	49553343573343355	WA2DZD WA6SLF	₩ØYBV — — — — —
Kettle Moraine Radio Amateurs	9136	3		-



N6HE (operating) and K5TTE participated along with three other ops in the cw multiop effort from K6AA in the Los Angeles section.



KA1YS from the Connecticut section handed out a few points during the phone portion.

# **SOAPBOX**

If any Extra terrestrials had passed by our solar system in late November and had tuned across the amateur bands, they might have concluded that everyone was frantically trying to phone home at once! . . . or else reported that a planet with no intelligent life had somehow discovered radio! . . Definition of Sweepstakes: A North American rf orgy! (WD5GSL/WB0TEV). This was my 25th consecutive cw SS. Can I consider myself a veteran? (K2AU). Would you believe four (count 'em) four VE8/VY1s? (K5IID). Listening to the contesters versus the noncontesters debate on who owns the frequency makes me wonder if some Amateur Radio operators (KS0E). Had a great time. Hadn't been in the SS for 19 years. Won as a Novice in the SCV section 19 years ago. Looking forward to next year (WB6OEB). When the incandescent lights in the bedrooms lit brightly on voice peaks, I knew that Murphy had arrived (N3JT). How about for the 50th SS make it a once worked perband? What an exciting marathon that would be. Much more so than the Sunday afternoon SS blues that most of us are familiar with at present (KW8N/WB8JBM). Doubled my score this year. After chasing the chickens off the antenna and getting the XYL to take the second harmonic out of the shack, I was able to devote two more hours of operating time to this year's bash (WA6GFR). I had a fun time . . . But I wish that the fellas would stop calling me "OM" (KA6V). [Roger that comment, OM — Ed.] It figures: This year I work North Dakota right off the bat, but I don't have much time to operate (KB3XB). After I had been on one frequency for almost a solid hour (on 20 meters, of course), the QRM started moving in . . One guy told me to get off his frequency. After I told him that I had been there for the past hour with no problem, he said that he had been using the frequency (KF3V). While getting up on my soapbox, I slipped and cracked my shin ((#%&\*1). The thing that bothered me the most while operating in the phone portion of the contest were the fellows who, in their rush to turn in a big

## **Antennas Used By Top-Scoring Stations**

# Phone — High Power

Call Antennas

NP4A

"Beams all bands" 80-m & 40-m inv. V (50'); KT34XA (60') "Big ones/Little ones"

KØRF WA7NIN N6BV N6TR

K7RI

"Beams"
80-m dipole; 40-m 3-el beam; 20/15/10 5-el beams
80-m dipole; 40-m 3-el beam; 20/15/10 7-el beams
80-m 4-el vertical array; 40-m 4-el beam; 20/15/10 7-el beams
80-m siopers; 40-m 4-el beam; 20/15/10 pair of KT34XAs
80-m bisquare & dipole; 40-m 3-el Yagis & lazy H; 20-m 4-el quad & 3 over 3 Yagis; 15-m
4-el quad & 6 over 6 Yagis; 10-m 7-el quagi & 4 over 4 Yagis
80-m dipole (115); 40-m 2-el beam (90'); 20-m 5-el beam (118'); 15-m 4-el beam (118'); 10-m
7-el beam (128'); KT34XA (40')
"Multibanders" W7RM

WØYK

W5WMU

#### Phone — Low Power

Antennas Call

KØUK

N5RZ

K4XS KR2N

80-m dipole; 40-m 2-el beam & dipole; 20-m 4-el beam; 15-m 4 over 4 beams; 10-m 5 over 5 beams; TH6DXX 80-m Delta loop (85'); 40-m inv. V, (90') & Delta loop (40'); 20/15/10 KT34XA (90') & CL33 (45') 80-m inv. V (90'); 40-m 2-el quad (100'); 20/15/10 KT34XA (100') 80-m wire beam (120'); 40-m 3-el beam (70'); 20-m 4 over 4 beams (120'/60'); 15-m 5 over 5 over 5 beams (130'/65/50'); 10-m 5 over 5 beams (90/75') 80-m dipole; 40-m 3-el beam; 20-m 4 over 4 beams; 15-m/10-m 5 over 5 beams 80-m dipole; 40-m Delta loop; 20/15/10 2-el quad (40') 80-m sloper; 40-m 2-el beam; 20/15/10 2-el quad (40') 80-m sloper; 40-m 2-el beam; 20/15/10 KT-34XA 80-m & 40-m V beams; "Beams" 80-m, 40-m & 20-m dipoles; 15-m/10-m 4-el Yagis KSIID WB5VZL KM5H

WØĽSD WA2STM

#### Cw - High Power

Call Antennas

N5AU

NP4A K3LR

"Lots"
40-m 3-el beam; 20-m 5-el beam; 15-m/10-m 6-el beams
80-m dipole (75'); 40-m dipole (35') & 4-el beam (75'); 20-m 5-el & 3-el beams (80/60');
15-m 6-el, 4-el & 3-el beams (90/4557'); 10-m 7-el & 6-el beams (80/40')
80-m dipole; 40-m 2-el beam; 20-m 4-el, 6-el & 8-el beam; 10-m 6-el beam
80-m dipole; 40-m 3-el beam; 20-m 4-el, 6-el & 8-el beams; 15-m 6-el beam; 10-m 6-el & 4-el beams W2YV W3LPL

K7RI

KØRF K3UA K5GO N6RO

4-el beams
80-m sloper; 40-m 4-el beam; 20/15/10 pair of KT-34XAs
"Large and high/small and low"
80-m dipole (30); 40-m inv. V (35'); 20/15/10 TH6
"Various beams, wires"
80-m 2-el quad; 40-m 4-el beam; 20-m 5 over 5 beams; 15-m 6 over 6 over 6 beams; 10-m 6 over 5 over 5 beams

#### Cw - Low Power

Call Antennas

N6IG

80-m & 40-m inv. V; 20/15/10 KT34XA (75')
80-m dipole; 40-m rotary dipole; 20/15/10 KT34XA
80-m & 40-m dipole, vertical, loop; 20/15/10 TH6B
80-m & 40-m dipoles, vertical, loop; 20/15/10 TH6DX (70')
4BTV vertical; 40-m 4-el (105'); 20-m 6-el (90'); 15-m 6-el (75'); 10-m 6-el beam (60'); CL-36 (60')
80-m & 40-m dipoles; 20/15/10 Vagis (130')
80-m inv. V (48'); 40-m inv. V (30'); 20/15/10 KT34A (52')
80-m inv. V; 40/20/15/10 4-el beams
80-m sloper; 40-m coaxial dipole; 20/15/10 TH6DXX (43')
80-m inv. V; 4BTV vertical; 20/15/10 TH6DXX W2TZ
K4XU
N7CW
NØNO
K1EA
AD7K
N5JB
KØLUZ
KØVBU

operator sounded like a popcorn machine, and I never did copy his call (KC8YR). 20 over QRM, no sleep, pandemonium — What more could you ask for? Why, SS weekend, of course (A17W). Here's a new twist to the old Superman jingle that just may fit some of our top contesters in this event: Faster than a speeding radiowave, stronger than a 2-kW amp, able to make more contacts in an hour than the local village gossip . . . look, it's a bird . . . it's a to make more contacts in an hour than the local village gossip . . . look, it's a bird . . . it's a plane . . . no, it's supercontester (K1VUT). Another great SS! The venerable "bug" still sounds great from W4KFC, W3GRF, W3GN and a very few others. Programmable keyers abound, but give me my bug! (W4YE). The following is something that my multiop partner wrote while I was working Hawaii for a new section: But soft, what code through yonder speaker crackles? It is 10 meters, and the QTH is Hawaii! Hear me. O Hawaii. and give me a multiplier. It calls! But me, O Hawaii, and give me a multiplier. It calls! But not to me, I fear. Two of the most powerful stations in all Texas, having high antennas, doth entreat this contact. What if we were to exchange places? The strength of my signal would shame those toads as daylight doth a lamp. My signal would through the airy regions a lamp. My signal would through the airy regions stream so fast, that others would tremble lest they collapse. See how they score 1200 QSOs. Oh how I wish that I could too, so that I might win! (KA2IPV/KC2FV). Who says that a 40-meter dipole can't be used successfully on five bands without an antenna tuner? . . . well, maybe my score does (K3QM). I lost all will to continue when one station said he couldn't work me because my call would not fit into his computer due to aditable in the presented said he couldn't work me because my call would not fit into his computer due to a glitch in the program (KX4V). My first year in the SS since going off the air for WW II (W9UIX). I was in class B/A because my linear committed suicide 30 minutes into the SS (W8CAR). As always, a very good contest. Succeeded in making my first "clean sweep," but just barely! I was on the verge of admitting defeat once again with only 73 sections when I stumbled across VE8JG with only 9 minutes left (AE4Y). With the blessings of the Deer Lakes High School Volleyball Team, I had to do better this year (KA3BMU). Do any Corn Huskers work Corn Whiskey? My second year in a row to miss Nebraska (VE3GP). Five members of our local club (Utica ARC) pulled apart our stations, antennas and camping gear, and went on a mini DXpedition to the camping gear, and went on a mini DXpedition to the Province of Quebec. It seems that in the past the QUE Section was always a rare one, and we thought that we might help out the cause a little bit (K2IQ/VE2/KK2B).

## **FEEDBACK**

Please refer to May 1982 QST, page 71, for the following corrections to the results of the 1981 ARRL November Sweepstakes contest. On cw, the third-highest scorer in Eastern New York, W2XL, was using high power, not low power. In Colorado, top multiop KCØD's operator list should include WAØUJO, not WAØUJD. On phone, please add W7GXC 50, 864-374-68-14-A to the Utah section.

#### Scores

Cw scores are listed first, followed by phone. Within each call area, scores are listed by ARRL section. Within each section, single operator scores are listed first in descending numerical order, followed by multioperator scores. Each line score lists call sign, final score, number of QSOs, number of sections worked, hours operated and input power used (A = less than 200 W, B = more than 200 W). Example: In Connecticut, K1TO worked 1060 stations in 74 sections for a final score of 156,880 points. He operated 24 hours and used more than 200 W.

CW	WIB	H 88 608-	624-71-12- B K	CLEA	129,204- 873-74-24- A	WIAF (F	(S6X, opr)	W1PH 120,240- 835-7	12-23- A
	KID			1 XM	118,990- 815-73-24- A	******* (1	9600- 100-48- 4- A	WIJY 28,380- 258-	
	· KG1				D1C,opr)	WIPLJ	8976- 102-44-11- B	N1BEY 14,490- 105-6	
	NIC		- 359-67- 9- A	IIIX (A	102,816- 714-72-22- A	WATEOT	6440- 115-28- 3- A	K1GW 8316- 99-4	
	KID			1 4 11			6240- 80-39- 5- A		
	WAI			IAR	100,886- 691-73-12- B	KIZZJ		N1CHO/N 720- 20-	16- J- A
1	WIV			1 VUT	99,116- 698-71-24- A	KBIDF	220- 11-10- 4- A	KM1C (+KB1T)	
•				1 FM	91,164- 642-71-21- A			124,040- 886-	
	N1B			C1V	78,526- 553-71-23- A			NINH (+Klosm,Kilm,Wit	
	KAl			1 A X	57,600- 400-72-11- B			70,242- 509-	69-24- A
Connecticut	WIP		- 258-54-12- B W	Alosj	56,146- 419-67-21- A	Maine		KIIR (+KA1CJI)	
	KM1		- 191-60-14- A 🥡	B1CNM	56.030- 431-65-19- B			25,896- 249-	52-14- A
	KJ1		- 172-58-11- A 🥡	1RND	54,730- 421-65-13- A				
	WA2	SVR 17,052		A2TBA	52,542- 417-63-19- A	WIKX	56,994- 413-69-11- A		
	KB1	16,638		ALCLV	48,008- 353-68-23- A	WB1GLH	51,740- 398-65-20- A	Rhode Island	
	WAÌ	IVN 12 250.							
			- 125-53~ 6- A K	TUCA .	40 032- 278-72-24- B	W1 HHV	42,210- 315-67-11- A		
	ABI			TUCA .	40,032- 278-72-24- B	WIHHV Kljb	42,210- 315-67-11- A 40,920- 310-66-10- B		
K1TO 156.88	ABI	7728	- 69-56- 4- A K	1 PAD	38,232- 354-54- 8- A			WAICVF 71.820- 513-	70-17- B
	AB1 80-1060-74-24- B K1B	7728- 7632-	- 69-56- 4- A K - 106-36- 3- B K	1 PAD E I U	38,232- 354-54- 8- A 37,922- 283-67- 8- A	Kljb Walyxl	40,920- 310-66-10- B	WAICVF 71,820- 513- KIMXO 53 584- 394-	
K1CC 151,25	AB1 80-1060-74-24- B K1B 56-1022-74-24- B WB9	7728- 7632- 7632- 7632-	- 69-56- 4- A K - 106-36- 3- B K - 69-34-10- A K	1 PAD E LU 1 VR	38,232- 354-54- 8- A 37,922- 283-67- 8- A 33,330- 303-55- 7- B	KIJB WAIYXL KISA	40,920- 310-66-10- B 37,674- 299-63-17- A 7176- 92-39- 2- A	K1MXO 53,584- 394-	68-17- A
K1CC 151,25 AA2Z 143,81	AB1 80-1060-74-24- B K1B 56-1022-74-24- B WB9 10- 985-73-24- B K1K	7728- 7632-	- 69-56- 4- A R - 106-36- 3- B K - 69-34-10- A K - 67-26- 1- A W	1 PAD E LU 1 VR 11 LHN	38,232- 354-54- 8- A 37,922- 283-67- 8- A 33,330- 303-55- 7- B 26,510- 241-55- 6- B	KIJB WAIYXL KISA WIYA (F	40,920- 310-66-10- B 37,674- 299-63-17- A 7176- 92-39- 2- A KAIs DZJ,COO,JMF,	K1MXO 53,584- 394- W1RFQ 22,940- 185-	68-17- A 62- 7- A
K1CC 151,25 AA2Z 143,81 K1XA 141,03	AB1 80-1060-74-24- B K1B 56-1022-74-24- B WB9 10- 985-73-24- B K1K 36- 966-73-24- B KA1	7728- 7632-	- 69-56- 4- A K - 106-36- 3- B K - 69-34-10- A K - 67-26- 1- A W - 30-20- 3- A W	1PAD ELU 1VR ILHN IAØAXH/1	38,232- 354-54- 8- A 37,922- 283-67- 8- A 33,330- 303-55- 7- B 26,510- 241-55- 6- B 24,544- 208-59-11- A	KIJB WAIYXL KISA	40,920- 310-66-10- B 37,674- 299-63-17- A 7176- 92-39- 2- A KAIS DZJ,GOO,JMF, pprs)	K1MXO 53,584-394- W1RFQ 22,940-185- WA1JHW 216-12-	68-17- A 62- 7- A 9- 6- A
K1CC 151,25 AA2Z 143,81 K1XA 141,03 W1WEF 136,30	AB1 80-1060-74-24- B K1B 56-1022-74-24- B WB9 10- 985-73-24- B K1K 36- 966-73-24- B KA1 08- 921-74-24- B	7728- 7632-	- 69-56- 4- A R - 106-36- 3- B K - 69-34-10- A K - 67-26- 1- A W - 30-20- 3- A W	1 PAD ELU 1 VR 11 LHN 1AØAXH/1 11 TUM	38,232- 354-54- 8- A 37,922- 283-67- 8- A 33,330- 303-55- 7- B 26,510- 241-55- 6- B 24,544- 208-59-11- A 24,012- 207-58-15- A	KIJB WAIYXL KISA WIYA (F	40,920- 310-66-10- B 37,674- 299-63-17- A 7176- 92-39- 2- A KAIs DZJ,COO,JMF,	K1MXO 53,584-394- W1RFQ 22,940-185- WALJHW 216-12- W1OP (KALAWS,N1s,AKO,	68-17- A 62- 7- A 9- 6- A
K1CC 151,22 AA2Z 143,81 K1XA 141,03 W1WEF 136,30 W1ECH 108,20	AB1 80-1060-74-24- B K1B 56-1022-74-24- B WB9 10- 985-73-24- B K1K 36- 966-73-24- B KA1 08- 921-74-24- B	7728- 7632-	- 69-56- 4- A K - 106-36- 3- B K - 69-34-10- A K - 67-26- 1- A W - 30-20- 3- A W	I PAD ELU I VR I LHN IAØAXH/I I TUM I I AU	38,232- 354-54- 8- A 37,922- 283-67- 8- A 33,330- 303-55- 7- B 26,510- 241-55- 6- B 1 24,544- 208-59-11- A 24,012- 207-58-15- A 20,976- 184-57-14- A	KIJB WAIYXL KISA WIYA (F	40,920- 310-66-10- B 37,674- 299-63-17- A 7176- 92-39- 2- A KAIS DZJ,GOO,JMF, pprs)	K1MXO 53,584-394- W1RFQ 22,940-185- WA1JHW 216-12- W10P (KA1AWS,N1s,AKO, oprs)	68-17- A 62- 7- A 9- 6- A BBM
K1CC 151,23 AA2Z 143,81 K1XA 141,03 W1WEF 136,30 W1ECH 108,20 K1WA 106,84	ABI 80-1060-74-24- B K1B 80-1022-74-24- B WB9 10- 985-73-24- B K1K 80- 966-73-24- B KA1 80- 921-74-24- B 94- 762-71-23- A 88- 742-72-24- B	7728 7632 7632 7632 788/1 4692 3484 7E 1200	- 69-56- 4- A K - 106-36- 3- B K - 69-34-10- A K - 67-26- 1- A W - 30-20- 3- A W N	I PAD IE LU I VR VI LHN VAØAXH/I VI TUM I I AU KAI EMQ	38,232-354-54-8-A 37,922-283-67-8-A 33,330-303-55-7-B 26,510-241-55-6-8 124,544-208-59-11-A 24,012-207-58-15-A 20,748-182-57-21-A	KIJB WAIYXL KISA WIYA (F NIATN,	40,920-310-66-10-B 37,674-299-63-17-A 7176-92-39-2-A KAIs DZJ,GOO,JMF, DPPS) 15,264-159-48-24-A	K1MXO 53,584-394- W1RFQ 22,940-185- WA1JHW 216-12- W1OP (KA1AWS,N1s,AKO, oprs) 48,236-389-	68-17- A 62- 7- A 9- 6- A BBM
K1CC 151,2: AA2Z 143,8: K1XA 141,03: W1WEF 136,30: W1ECH 108,20: K1WA 106,8' W1GNC 103,7'	ABI 80-1060-74-24- B KIB 56-1022-74-24- B WB9 10-985-73-24- B KIK 816-966-73-24- B KAI 82-921-74-24- B 84-762-71-23- A 88-742-72-24- B 40-741-70-19- B Easte	7728- 7632-	- 69-56- 4- A K - 106-36- 3- B K - 69-34-10- A K - 67-26- 1- A W - 30-20- 3- A W N K	I PAD E LU I VR II LHN IAØAXH/I II TUM II AU (AI EMQ (AI GHR	38,232-354-54-8-A 37,922-283-67-8-A 33,330-303-55-7-B 26,510-241-55-6-B 24,544-208-59-11-A 24,012-207-58-15-A 20,976-184-57-14-A 20,748-182-57-21-A 20,414-173-59-17-A	KIJB WAIYXL KISA WIYA (F	40,920-310-66-10-B 37,674-299-63-17-A 7176-92-39-2-A KAIs DZJ,GOO,JMF, DPPS) 15,264-159-48-24-A	K1MXO 53,584-394- W1RFQ 22,940-185- WALJHW 216-12- W1OP (KA1AWS,N1s,AKO, oprs) 48,236-389- WB1FDY (+KALDUV)	68-17- A 62- 7- A 9- 6- A BBM 62-16- B
K1CC 151,2: AA2Z 143,81 K1XA 141,0: W1WEF 136,30 W1ECH 108,20 K1WA 106,84 W1GNC 103,74 K1RM 101,9:	80-1060-74-24- B K1 B 65-1022-74-24- B M59 10- 985-73-24- B K1 K1 B 68-966-73-24- B K1	7728 7632 7632 7632 788/1 4692 3484 7E 1200	- 69-56- 4- A K - 106-36- 3- B K - 69-34-10- A K - 67-26- 1- A W - 30-20- 3- A W K K	1 PAD E 1 U I VR II LHN IAØAXH/1 II TUM II AU IAI EMQ IAI GHR II ASF	38,232-354-54-8-A 31,922-38-56-8-A 33,330-303-55-7-B 24,542-208-59-11-A 24,014-208-59-11-A 20,976-184-57-14-A 20,748-18-57-21-A 20,414-173-59-17-A	KIJB WAIYXL KISA WIYA (F NIATN,	40,920-310-66-10-B 37,674-299-63-17-A 7176-92-39-2-A KAIs DZJ,GOO,JMF, DPPS) 15,264-159-48-24-A	KIMXO 53,584-394- WIRFQ 22,940-185- WAIJHW 216-12- WIOP (KAIAWS,NIs,AKO, oprs) 48,236-389- WBIFDY (+KAIDUV) 23,640-197-	68-17- A 62- 7- A 9- 6- A BBM 62-16- B
K1CC 151,2: AA2Z 143,81 K1XA 141,0: W1WEF 136,30 W1ECH 108,20: K1WA 106,87 W1GNC 103,77 K1RM 101,9: W1GNR 98,56	ABI 80-1060-74-24- B KIB 56-1022-74-24- B WB9 10-985-73-24- B KIK 816-966-73-24- B KAI 82-921-74-24- B 84-762-71-23- A 88-742-72-24- B 40-741-70-19- B Easte	7728- 7632- MB/1 4692- 3484- E 1200-	- 69-56- 4- A K - 106-36- 3- B K - 69-34-10- A K - 67-26- 1- A W - 30-20- 3- A W N K K	I PAD E LU I VR II LHN IAØAXH/I II TUM II AU (AI EMQ (AI GHR	38,232-354-54-8-A 37,922-283-67-8-A 33,330-303-55-7-B 26,510-241-55-6-B 24,544-208-59-11-A 24,012-207-58-15-A 20,976-184-57-14-A 20,748-182-57-21-A 20,414-173-59-17-A	KIJB WAIYXL KISA WIYA (F NIATN,	40,920-310-66-10-B 37,674-299-63-17-A 7176-92-39-2-A KAIs DZJ,GOO,JMF, DPPS) 15,264-159-48-24-A	K1MXO 53,584-394- W1RFQ 22,940-185- WALJHW 216-12- W1OP (KA1AWS,N1s,AKO, oprs) 48,236-389- WB1FDY (+KALDUV)	68-17- A 62- 7- A 9- 6- A BBM 62-16- B 60-14- A

	waw			
Vermont	K2KA 12,240- 102-60- 8- B KA2NVU 11,520- 120-48-18- A KX2M 8670- 85-51-18- B	W3FA 59,532- 451-66-15- B W3GN 58,788- 426-69-12- B K21TG 48,608- 392-62-20- B	KD4XN (KB4CDH,N4FZH,oprs) · 35,264- 304-58-18- A KA4BVJ (+WA4DKI,WD4NSA)	K5RX (KM5R,opr) 147,556- 997-74-24- B N5CR 138,554- 949-73-24- B
WB1GQR (WB2JSJ,opr) 114,048- 792-72-24- 3 K1IK 102,524- 722-71-20- B	N2DJZ 4092- 66-31- 6- A N2MR 3036- 66-23- 2- A	W3HVM 39,600- 300-66-13- B WA3VPL 34,902- 277-63-13- A	20,130- 183-55-12- A	K5NW 133,200- 925-72-23- B N5JB 127,428- 861-74-24- A
W1KQ 40,138~ 329-61-14- B N1QY 39,786- 349-57-14- A	KA2KFO 18- 3- 3- 5- A W2YC (+K2HPV,N2CQ) 85,820- 613-70-22- A	N3GB 33,264- 264-63- 8- B W31DT 32,208- 264-61-22- A NA5E/3 31,860- 270-59-11- A	Tennessee	AF5K 116,824- 859-68-23- B K5MM 108,000- 750-72-20- B K5FUV (K5MR,opr)
WAIGUV 31,124- 251-62-16- A	N2CQ (+WA2NPD,WB2GES) 36,478- 299-61-20- A	K3NCO 29,760- 248-60- 9- A K2PLF/3 26,696- 284-47- 9- A	N4ZZ 157,472-1064-74-24- B K4XU 133,200- 900-74-24- A	104,400- 725-72-16- B W9PL/5 103,496- 761-68-24- B
Western Massachusetts	Western New York	K3CN 18,564- 182-51-11- A W3EE 18,032- 161-56- 7- A N3CW 12,480- 120-52- 2- B	N4RG 107,440- 790-68-16- B N14M 103,952- 712-73-22- A	KB5UL 91,420-653-70-24-A N4QS 86,380-617-70-24-A KA5GFJ 60,928-448-68-23-B
KB1W 90,984- 669-68-16- B	Western New LOFA	WB3JRU 10,810- 115-47-24- B W3FCR 7442- 61-61-14- A	WB6ZEC/4 59,268- 449-66-18- A K4OAQ 55,250- 425-65-12- B WB4MUZ 45,408- 344-66-18- B	KY5N 58,098- 421-69-18- A K5ME 50,250- 375-67-20- A
W1PUO (WA1FĆD,opr) 10,416- 124-42-11- A	W2TZ 136,500- 975-70-24- A WØVU/2 98,496- 684-72-23- B	K3SO 6840- 95-36-10- A KG3Z 6132- 73-42- 7- B KA9X 4620- 66-35- 6- A	WB4MUZ 45,408- 344-66-18- B KD4PP 2800- 50-28- 3- A K4XO 1920- 40-24- 1- B	K5HM 42,880- 335-64-12- B W5AH 37,620- 285-66-24- B K5FO 21,890- 199-55-13- A
Kliju 5610- 85-33- 4- A Wlyk (WBlDSO, WA2YHZ,opr) 14,580- 162-45-14- A	WØROE/2 77,384- 569-68-22- A WA2DHS 73,584- 504-73-20- A	K4CGY 1776- 37-24- 7- A W3FZV 1320- 44-15- 2- A	WA4UCE (KA4MGG,NQ4Y,NS4W. NS4X,WA4OIE,oprs) 49,536- 387-64-15- B	N5EG 19,300- 193-50- 6- B N5BQQ 18,480- 165-56-14- A
2	KQ2K 65,660- 490-67-21- A WA2EYA 38,940- 295-66-14- B	<u>.</u>	49,536- 387-64-15 6	N5BT 10,890- 121-45- 4- B KA5OFZ 850- 25-17- 9- A WB5VZL (+N5HD)
	KA2MRP 33,634-251-67-18-A K2XU 30,680-260-59-8-A AE2T 29,160-270-54-8-A	Western Pennsylvania	Virginia	104,940- 795-66-24- B
Eastern New York	WB2YQH 28,000- 200-70-12- A WB2FQE 26,660- 215-62-18- A	K3UA 166,944-1128-74-24- B	K4PQL 138,700- 950-73-24- B K4CC (K7SV,opr)	Oklahoma
W2YV (N2NT,opr) 169,200-1175-72-24- B K5NA 127,896- 876-73-24- B	WA2LEZ 21,594- 183-59- 7- A KK2B 20,048- 179-56-10- A K2GWN 13,552- 121-56- 4- A	K3VK 99,120- 708-70-21- A KG3V 75,576- 564-67-24- B WA3MDY 73,440- 540-68-23- B	136,510- 935-73-24- B K2NA 125,356- 847-74-24- B W4YE 106,128- 737-72-18- B	KM5H 106,872- 732-73-24- A
W2XL 121,764- 834-73-24- B W2AZO 118,860- 849-70-23- B	KA2HRS 12,000- 120-50-17- A KA2AKG 9810- 109-45-16- A	KA3BMU 70,856- 521-68-22- A W3GNR 58,080- 440-66-20- A	N4EA 103,248- 717-72-19- A W4KFC 101,530- 715-71-16- B	W7FG 78,660-570-69-14-B KJ9R 32,512-254-64-14-A K7CW/5 27,246-239-57-9-A
WA2STM 111,612- 786-71-24- A KB2T (AG2X,opr) 99,542- 701-71-24- B	N2GU 9108- 99-46- 5- A KA21GH 6216- 84-37-10- A K2UAN 4108- 79-26- 6- A	AG3H 56,000- 400-70-19- A K3MC 53,060- 379-70-21- A W3HDH 44,020- 310-71- 8- B	W4UQ 96,702- 681-71-20- B K4JST 95,900- 685-70-23- A	KC4WQ 23,100- 210-55-11- A KB5ZQ 5544- 66-42- 5- A
W2ARQ 77,472- 538-72-24- B K2UF 69,580- 490-71-19- A	KA2PAS 2240- 40-28-14- A KA2EGC 1584- 36-22- 8- B	WA3FYJ 13,200-150-44-3-A K3CR (K3FD,K13C,WB3KKX,oprs)	W4XD 81,340- 581-70-17- B K50GU/4 81,056- 596-68-23- A K4YF 74,976- 528-71-11- B	N5EST 4624- 68-34- 6- A N5CG (+K5CM, N5KW) 143,136- 994-72-24- B
K2HA 66,792- 484-69-23- A WA2OCA 54,924- 398-69-24- A	WA2FQE 1320- 30-22- 8- A K2QR 768- 24-16- 1- A K2VV 864- 24-18- 1- B	104,932- "09-74-23- B N2MA/3 (+W8YA) 87,856- 646-68-24- B	N4DW 72,940- 521-70-15- B WC4B 70,980- 507-70-24- A	NØIN/5 (+W3AS) 122,544- 828-74-24- B
W2DW 44,298- 321-69- 9- B N2JJ 43,282- 323-67- 9- B AA2Y 32,450- 275-59-12- A	W2OW (KI2P,N2s AEY,HR,oprs) 94,430-665-71-23-B	,	K4KJW 65,416- 481-68-21- A N3OS 62,016- 456-68-19- A K4TM 60,444- 438-69-15- A	Southern Texas
N2AZS 31,620- 255-62- 9- A KJ2R 19,276- 158-61-19- A	KW2J (+W2IMO) 65,660- 469-70-24- A KC2QQ (+KB2VS)	4	WD4K 58,740- 445-66-10- B K40D 57,822- 419-69-16- B	
WB2KMY 19,488- 174-56- 7- A W2NRD 17,484- 141-62-15- A K2AE (W2ODC,opr)	31,496- 254-62-24- A	Alabama	K4FPF 57,456- 417-69-20- A KX4V 56,580- 410-69-12- A N4MO 53,820- 390-69-20- A	N5JJ 157,680-1080-73-24- B K5GA 154,512-1044-74-24- B KZ5M 153,328-1036-74-24- B
10,584- 126-42- 4- B W2PKY 5418- 63-43- 4- A	3	N4KG (N4QB,opr)	KX4S (W4MYA,opr) 41,992- 362-58- 8- B	K5GN 150,960-1020-74-24- B K5IY (KN5H,opr)
KA2QBD 1296- 36-18-19- A KW2D (+KC2KK,WA2VYM) 40,434- 293-69-16- A		112,840- 806-70-22- B KA4TSG 68,120- 524-65-18- A K41QJ 43,014- 321-67-11- A	K8EI 39,438-313-63-10-A NT4U 38,704-328-59-8-A WA4HTP 36,600-305-60-11-A	150,812-1019-74-24- B K5WA 149,480-1010-74-24- B K5L2O 145,416- 996-73-24- B
K2GBH (+WA2KCL,W4JVN) 39,766- 337-59- 7- B	Delaware	324S 12,528- 116-54-24- A W8IM 6600- 100-33- 4- A	KA4RLJ 27,956- 241-58-15- A WD4JHY 27,840- 232-60-11- A	NA5R 133,590- 915-73-24- B N5DU 130,536- 882-74-24- B
New York City L. I.	K3HBP 46,860- 330-71-12- A ' N8NA/3 13,056- 136-48- 3- A	K4MLR (+KC4ZV) 86,940- 621-70-23- B	WA4FKK 23,188- 187-62-14- A N4RA 19,344- 186-52- 5- A WB4LNT 18,914- 193-49-13- A	KG5U 124,024- 838-74-24- B K5KG 119,520- 830-72-22- B K5MA 119,428- 818-73-24- A
•	Fasters Barrenters in	Georgia	K4GKD 15,974- 163-49-24- B K2EKM/4 13,056- 128-51- 6- A	K1MD 101,640- 726-70-24- A N5EA 97,412- 686-71-19- B
RQ2M 128,084-902-71-22-B K2AU 120,028-811-74-24-B KR2N (NIEE,opr)	Eastern Pennsylvania		N3JT 10,658- 73-73-13- B KA1GQ 3952- 52-38- 4- A KC4ZV 3403- 63-27- 8- A	W5ASP 89,512-668-67-24-A K5VWW 87,472-616-71-19-B KN5A 81,708-619-66-19-B
109,624- 772-71-24- A KK2E 89,488- 658-68-24- B	N3AD 134,828- 911-74-24- B KC3N 107,018- 733-73-24- A	K4BAI 140,160- 960-73-24- B N4VZ 88,992- 618-72-21- B	WA4EMU 1440- 36-20- 7- A KA4FFK 690- 23-15- 1- B	AC5K 81,072-563-72-19-A W5JQ 75,544-532-71-13-B
K2SX 86,800- 620-70-14- B KA2AEV 74,900- 535-70-14- A W2LPA 64,308- 466-69-23- A	KC3M 73,220- 523-70-18- A K3WGR 71,260- 509-70-19- A W3CNS 64,998- 471-69-16- A	K4BAM 79,056- 549-72-23- A K3PI/4 69,680- 536-65-21- A WB4UIH 67,402- 503-67-20- B	W4POX (AA4AT, KA4s, LLK, LLO, N4FLF, WA4TDS, oprs) 81,464- 599-68-18- B	W5HNS 74,266- 523-71-20- B K5GB 73,500- 525-70-15- B K32M1/5 62,640- 435-72-16- A
W2GKZ 43,792- 322-68-12- B WB2EZG 38,564- 311-62- 9- A	W3FAF 59,754- 433-69-11- A WA3JLD 58,236- 422-69-16- A	N4HRJ 59,892- 434-69-22- A K14Y 13,970- 127-55- 6- A	W41Y (AF2T,KD41C,W4ZCR,WB4RDV, WG4A,oprs)	W5SG 56,000- 400-70-17- A W5PWG 52,640- 376-70-17- A
W2UP 22,204- 182-61- 2- A K2HVN 18,144- 126-72-24- A K2QAI 12,288- 128-48- 6- A	K3DTD 53,724- 407-66-19- A K3VYA 43,608- 316-69-18- B WA3MVP 43,310- 355-61-13- B	Kentucky	41,072- 302-68-21- B	W5NR 31,680- 264-60-12- B KC5CP 15,960- 140-57-16- A W5LJT 13,600- 136-50- 6- A
KC2DH 10,600- 106-50-15- A WB2CBA 6840- 90-38-10- A	N3CXB 36,722- 301-61-18- A K3EGE 34,170- 255-67- 9- A WB3CAC 31,460- 286-55-10- A		West Indies	WB5GMB 12,402-117-53-11-A WD8DKJ/5 7380-82-45-15-A
W2ZZE 4950- 99-25-10- A W2TCR 3564- 66-27- 8- A N2BAR 3286- 53-31-14- A	N3KR 30,552- 268-57-11- A W3ARK 28,768- 248-58- 7- A	K1AO 132,422- 907-73-24- B N4XM 106,416- 739-72-24- B WB4FOT 92,726- 653-71-24- A		KD5SP (+KY5A,WB5WHR) 119,280- 840-71-24- B KU5I (+K2ŦNO,KB5FU)
WB2FMP 3162- 51-31-10- B WA2NFS 2842- 49-29- 8- A	KD3H 28,608- 298-48-13- A WA3YON 26,840- 220-61-15- A	K4FU 74,016- 514-72-19- B W40YI 27,974- 197-71-24- B	NP4A (N4TO,opr) 178,488-1206-74-24- B	114,240- 816-70-24- B
W2AYJ 2754- 51-27- 2- A K2DOD 800- 25-16-16- A W2CZZ 760- 20-19- 1- A	W3ADE 26,334-209-63-10-A KB3JK 20,886-177-59-8-B W3WJC 13,328-136-49-12-B	W80M 16,464-147-56-5-A KZ4G 9400-100-47-4-A N4DUH (+KA4TAY, KD4U, KK4Q,	5	6
N2RQ 240- 15- 8- 3- A N2CKN (+W2NN) 5168- 76-34- 9- A	W3CEI 19,656- 182-54- 9- A WA3JXW 14,300- 143-50-24- A	N4s FTÌ,TY, NF4R) 83,860- 599-70-24- A	Arkansas	East Bay
3100 70 34 7 11	N3CPI 12,600- 126-50- 9- A KC3CB 11,466- 117-49-12- A	North Carolina	K5GO 166,352-1124-74-24- B	N6RO 164,688-1128-73-24- B N61G 136,802- 937-73-24- A
Northern New Jersey	WA3SPJ 9520- 119-40- 8- A WB3FYT 9200- 100-46-13- A K3NL 8988- 107-42- 4- B	N4AA 107,712- 748-72-19- B	KM5G 98,670-715-69-24-A WAGG 18,144-162-56-6-A	K6PJY 103.460- 739-70-24- A
W2RQ 158,656-1072-74-24- B	W3DZH 8272- 88-47- 6- A N3CZB 7956- 102-39-14- A	K4JEX 58,240- 448-65-11- A W1FTX/4 11,904- 96-62- 8- A	W5KL 3840- 64-30- 2- B KY5M (AD5M; K5SUS, KA5s,NLA PGA, KB5QL, N5ERP,WA5VVT,	N6KB 98,980- 707-70-22- B K6ATV 76,680- 540-71-23- A KS6H 74,382- 539-69-24- A
W2VJN (WA2ZKY,opr) 139,248- 967-72-24- B W2SHM 96,320- 688-70-22- B	KA3CAN 7220- 95-38- 5- A W3JPW 4350- 75-29- 7- A KB3YL 4144- 56-37- 7- A	KT4W 4224- 64-33- 2- B W4BFB (N4DNX,WB5YMS,oprs) 56,440- 415-68-24- A	WB5s LRP, WNG, WD5BIV, oprs) 67,134-501-67-24-B	K6ZM 58,098- 421-69-14- B K2GMY 41,168- 332-62-12- A K6CSL 23,968- 214-56-20- A
WB2FUE 77,556- 562-69-24- A	KA3JFB 3000- 50-30-11- A KA3DLY 1804- 41-22- 5- A		Louisiana	KA6SOC 12,204-113-54-16-A KS6Q 800-25-16-3-A
N2CS 61,410-445-69-18-A KW4E/2 53,682-389-69-16-A WA2JAX 45,016-331-68-23-A K2RF 30,132-243-62-8-A	ADJL 1426- 31-23- 4- A KA31LE 1360- 34-20-23- A KB3YV 1218- 29-21-19- A	Northern Florida		Los Angeles
W2KWW 30,080-235-64-11-A	N3DCG 704- 22-16-17- A WA3LCG 160-, 10- 8- 3- A	N4WW (NX4N,opr) 139,104- 966-72-24- B N4SA 137,030- 965-71-22- B	W5WMU 151,846-1026-74-24- B KA5B 68,640- 520-66-22- A	W6UE (AA6RX,opr)
WA2ASQ 28,116-213-66-22-A KI2O 27,720-231-60-10-A	WB3FAA (+WB3CAI) 92,016- 648-71-24- A W3GM 10,952- 74-74-17- B	K4XS 118,944- 826-72-24- A WC4E 82,416- 606-68-20- A	N5FIY 54,136- 404-67-24- A NB5F 53,406- 387-69-23- A W5WG 50,410- 355-71-24- A	142,496- 976-73-24- B W6AQ (WA6OTU.opr)
KT2D 16,854- 159-53- 8- A WA4PFN 15,680- 160-49- 8- A	·	N4UF 51,030- 405-63-11- B W4VQ 38,090- 293-65- 6- B W4ILE 23,880- 199-60-13- A	KA3BER/5 6464- 101-32- 5- A	136,364- 934-73-24- B NEGI 92,680- 662-70-14- B NGPN 89,602- 631-71-17- A
WA2BYX 15,386- 157-49-14- A KT2B 15,030- 167-45- 7- A W2TI 13,248- 138-48- 5- A	Maryland D.C.	WD4FNX 9900-110-45-10-A N4HQM 3584-64-28-6-A	Mississippi	WB9HRO/6 50,920- 380-67-22- A WB6VVS 33,306- 273-61-18- A
WA2UDT 11,616- 132-44- 5- A W2JEK 972- 27-18- 3- A	•	WD4HWI 2880- 40-36- 5- A KA4GLL 1368- 36-19- 9- B KA4ZKD 736- 23-16-13- A	N5XA 20,650- 175-59- 4- B KK5K 12,054- 123-49-22- A	WA6HQS 5180- 74-35-11- A K6AA (K5TTE,KN6C,N6HE,WB6HEU, WD6AGN,oprs)
KC2FV (+KA2IDV,WA2SSH) 119,560- 854-70-24- B	W3LPL 168,720-1140-74-24- B K3SA 142,376- 962-74-24- B N2FB 141,766- 971-73-24- B	KF4GZ (+KF4HA) 33,020- 254-65-23- A	KK5K 12,054-123-49-22- A KV5F 2800- 50-28- 8- A	120,384- 836-72-24- B
Couchem New Jane	N3AM 136,656- 949-72-23- B W3OHF (WD4AXM.opr)	South Carolina	New Mexico	
Southern New Jersey	134,900- 950-71-23- B K3KU 130,176- 904-72-24- B K3ZZ 128,240- 916-70-24- B	AE4Y 107,448- 726-74-22- B N4WL 40,040- 364-55-15- A	AA5B 152,496-1059-72-24- B	Orange
W2GD 161,172-1089-74-24- B N2BCF 63,960- 533-60-23- A W2LYL 53,312- 392-68-15- A	K3NA 127,166- 871-73-24- B K3TM 108 330- 785-69-23- A	N4WL 40,040- 364-55-15- A K4ADI 33,000- 250-66-13- A N4EE 19,992- 204-49-15- B	W5JW 147,704- 998-74-24- B K7UP/5 84,180- 610-69-18- A KN5D 40,300- 310-65-24- A	WA6JAH 119,136- 816-73-23- B A16E 91,980- 630-73-24- A
W2LYL 53,312- 392-68-15- A K2AA (WA2KOK,opr) 52,390- 403-65-20- B	K3DI 103,460- 739-70-21- B K3ZO 101,664- 706-72-17- B K3MIW 100,536- 708-71-24- A	KA4YUZ 13,340- 145-46-13- A	N5RR 37,120- 290-64- 8- A RT5X 24,644- 202-61- 4- B	AA6DP 54,144-423-64-12-B K6HRT 36,478-299-61-15-B WA6GFR 800-25-16-3-A
K2OSV 46,200- 350-66-20- B KS2V 43,164- 327-66-12- A	KC3H 92,726-653-71-21-A KA1GD 88,808-653-68-17-B	Southern Florida	N5EZA 9944- 113-44-21- A	N6FSK (KA6s, HWV,RUX,N6FPN, oprs)
N2BK 41,724- 366-57-21- A W2PAU 34,544- 254-68- 8- B WB2UVB 23,940- 210-57-16- A	W3GRF 83,780- 590-71-24- B W3FG 80,372- 566-71-24- A W3ICM 78,100- 550-71-21- B K3AO 74,408- 524-71-24- B			20,020- 182-55-24- A
KA2BEW 23,718- 201-59-10- A W2FGY 21,452- 173-62-19- B	K3CU 65.660- 469-70-11- B	N4BP 150,220-1015-74-24- B WD4AHZ 75,744- 526-72-24- A K4QE 59,898- 447-67-22- A	Northern Texas	Pacific
K2YY 19,200- 200-48-24- B W2BLV 17,446- 143-61-14- A N2RF 16,562- 169-49- 7- B	W3AZ 64,540- 461-70-18- B W3HVQ 63,888- 484-66-17- B KD3U 60,060- 429-70-21- A	K4XB 59,898- 447-67-22- A K4XB 59,664- 452-66-21- B N4KB 31,872- 249-64- 8- B	N5AU (K52D,opr) 179,968-1216-74-24- B	AH6BK 113,760- 790-72-17- B AH6J 3000- 50-30-24- B
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Sacramento Valley	Montana	K8QWG 14,484- 142-51-17- A W8SCW 13,000- 130-50- 6- A	- W9JWC (KA9KIM,KAØCHL,KO2R, N9CAG,WB9UTY,oprs)	KNØD 66,660- 505-66-22- A KSØT 48,688- 358-68-14- A
A16V 111,470- 785-71-23- B K6SG 99,792- 693-72-22- B	K7ABV 65,076- 493-66-24- A WA7GVT 8652- 103-42-14- A	WB6NYR 10,716- 114-47- 9- A KA8NCR 10,710- 119-45-17- A N8AOE 7488- 104-36- 5- A	52,800- 400-66-21- B	WAGACF 47,460- 339-70-15- A KOTK 39,680- 320-62- 5- B KOMPH 37,926- 301-63- 7- A
KV6H 88,184-604-73-23-B KF6A 68,900-530-65-14-B K6F0 59,892-434-69-16-B AA6DX 57,156-433-66-18-A	KA7LVI 540- 18-15- 4- A KS7T (+KA7GVI) 114,048- 792-72-23- B	KABIIN 2542- 41-31- 5- A KEBX 1680- 35-24- 2- A KABAPL 1240- 31-20- 9- A WBBTGY 540- 18-15- 5- A	Indiana  W9RE 140,438- 989-71-24- B W9LT 127,374- 897-71-24- B	KBØM 26,908-217-62-14-A NØBSH 25,010-205-61-13-A WØISJ 21,816-202-54-4-B WAØWW 21,670-197-55-12-A
W6EGX 51,060- 370-69-17- A WA6BRV 7912- 92-43- 7- A N6GQA 2464- 44-28-20- A N6JM 240- 12-10- 1- A	Nevada	KABQKO 162- 9- 9- 3- A KRBL 160- 10- 8- 1- A KBJM (+NBBVY): 79,626- 577-69-22- A	W90BF 94,360- 674-70-24- A N9CR 85,848- 588-73-24- A AE9Y 82,104- 622-66-24- A	KØIHG 19,470- 177-55- 4- A WØTIV 16,016- 143-56- 5- A WAZHFI/Ø 15,504- 136-57-12- A WAØWHT 11,500- 125-46-10- A
San Diego	WA7NIN (W60AT,opr) 158,848-1088-73-24- B WA7UEC 139,824- 971-72-24- B	K8DAC (K8s,CQF,DO,WS,KA8PWO, KY8C,WD8JQL,oprs) 41.236-338-61-24-A	W9JOO 80,154-549-73-24-A W9XD 75,260-530-71-20-A W8UT 59,328-412-72-19-A W9UIX 5254-71-37-19-A	KØVW 9306- 99-47- 3- A KCØTY 6804- 81-42- 9- A WBØCGM (+WAØRLW)
N6ND 116,216- 796-73-24- A N16W 102,060- 729-70-24- B	AD7K 128,880- 895-72-24- A	W8PLP (+N8DPH) 12,600- 140-45-17- A	W9QLW 3696- 56-33- 3- A K1TH/9 1240- 31-20- 4- A KJ9D (+KK9V)	49,500- 375-66-23- A ACØW (+WBØRSW) 27,060- 205-66-18- A
AA6EE 62,152-457-68-16-B N6BFE 58,504-412-71-24-A K6ZH 47,916-363-66-12-A	Oregon  W7N1 138 460- 989-70-24- B	Ohio	141,552- 983-72-24- B KM9D (+KB9YD,n9s NB,NC, WB9POH) 139,268- 941-74-24- B	
W6JXA 22,448-184-61-12-A W6JL 10,340-110-47-4-A W6NWG (AD6Z, K5GZ,K6NS	W7NI 138,460- 989-70-24- B W7WHO 118,406- 811-73-24- A N7ACO 78,368- 632-62-24- A K7KJM 69,144- 516-67-23- A	K8ND 139,536- 969-72-24- B W8FN 134,496- 934-72-24- B	KK9W, N9s CUZ,E1,oprs) 71,424- 496-72-24- P	Missouri  K4VX (KRØY,opr)
KF6BL, N6s CKA,CKI,W6s DWE, OLQ, WA6OLI,WD6FUE oprs) 31,808- 284-56-24- B	W7YAQ 67,024-472-71-17-A W7TC 65,472-496-66-22-A W7XN 54,936-436-63-7-A	K8MN 134,476 734 72 24 B W8LNO 114,452 806 71 - 21 B K8BL 110,016 764 - 72 - 24 A	••••	153,032-1034-74-24- B KORWI. 113,472- 788-72-24- A KMOL 112,896- 784-72-23- B
San Francisco	WA70EM 51,724- 386-67-18- A K7DBV 48,714- 353-69-22- A WB7UFJ 37,888- 296-64-23- A N7DC 19,668- 149-66-12- B	KU8E 109,872-763-72-24-A W8RSW 106,536-772-69-24-B W8KRR 100,656-699-72-21-B W8CAR 97,160-694-70-24-B	W9OP 111.896- 788-71-24- B	NØTT 112,322- 791-71-24- A KØDEQ 109,296- 759-72-22- B NØAX 69,860- 499-70-22- A
WA6AUE 81,508- 574-71-24- A K6LRN 27,342- 217-63-10- A WD6FMG 40- 5- 4- 2- A	A17W 18,368- 164-56-20- A K7WPC (+KM7R) 91,908- 666-69-24- B	W8CAR 97,160-694-70-24-B K8MR 87,360-624-70-12-B W8UPH 85,968-597-72-24-B KF1V 83,916-567-74-24-B	K9LJN 80,802-603-67-21-A K9GDF 76,580-547-70-12-B	KUØG 62,100- 450-69-13- A KHØA 44,336- 326-68-12- A WØRNG 36,046- 269-67-11- A K9HF/Ø 23,896- 206-58-11- A
W6BIP (+WA6DJI) 130,536- 882-74-24- B	Utah	K8DB (K8MR,opr) 77,142-559-69-12-B KV8Q 76,112-536-71-24-A KR8Y 74,906-559-67-23-A	N9C1Q 64,446- 467-69-17- A N9TD 56,856- 412-69-20- A KB9S 56,168- 413-68-14- A	WASKGS/Ø 20,592- 198-52-10- B WØKCG 11,000- 100-55- 5- A WDØARX 10,500- 125-42-16- A
San Joaquin Valley	K7CPC 85,400-610-70-23-A KN7U 29,696-256-58-13-A K3FR/7 16,652-181-46-7-B	WB8NBA 70,528-551-64-18-B KA8HUZ 59,080-422-70-18-A W8IDM 47,320-364-65-15-B	W9CHD 51,136- 376-68-17- A N9BYK 48,422- 341-71-13- A AJ9U 48,312- 396-61-24- A	KEØI 6900- 75-46- 4- A NØAQC 2640- 44-30- 7- A KAØP 1820- 35-26- 2- A KMØP (KMØR, WØHBH, WAØLTF,
N6GC 127,020- 870-73-24- B K6BPB 29,610- 235-63-18- A	Washington	N8BJQ 45,990- 365-63-13- A N8TN 45,144- 342-66-11- B K3JT 44,354- 331-67-14- A W8VQ1 44,352- 352-63-17- A	K09Q 33,410- 257-65- 7- A K9KR 20,832- 186-56-10- A KB9W 20,790- 189-55- 7- A	oprs) 78,680- 562-70-19- B
W6SX 18,360-170-54-3-B N6AVV 8428-98-43-8-B W6MUV 3000-50-30-8-A WD6DET (+WB6YMK)	K7RI (W7WA,opr) 167,462-1147-73-24- B	AC8X 43,952- 328-67-14- A K8LCA 42,420- 303-70-17- A KA8ETK 38,860- 335-58-13- A	WD91KO 17,100-150-57-9-A WB9HGS 16,192-184-44-24-A N9KS 3400-50-34-2-A	Nebraska
32,096- 272-59-23- A	W7RM (KB7G,opr) 156,672-1088-72-24- B K7LR 141,932- 959-74-23- B	WASEUK 36,704-296-62-10-B NSCRF 33,794-277-61-8-A WBSLZR 32,724-303-54-21-A	KC9SM 2080- 40-26- 6- A KØFVF/9 (+KØTC,KMØO,WAØRBW) 121,824- 846-72-24- B	KVØI 84,822-633-67-22-A NØBNY 9990-111-45-4-A KØDI (+KØNB)
Santa Barbara  NGTR 77,870- 599-64- 8- B	KR7G 119,990- 845-71-22- B K7WA 115,632- 803-72-24- A KG7V 100,962- 711-71-24- B K17I 98,000- 700-70-18- B	KC8JH 31,000- 250-62-13- A W8DWP 27,404- 221-62-16- A W8GOC 24,024- 231-52- 7- A W8EAR 23,826- 209-57-12- A	•	102,136- 751-68-10- B KØSCM (+NØDMV) 72,488- 533-68-18- A
W2KVA/6 70,356-533-66-22-B W6TKF 53,940-435-62-16-A WA6VNN 49,404-358-69-21-A	W7LKC 94,500- 675-70-24- B W7BUN 90,020- 643-70-22- B K7FR 85,408- 628-68-18- A N7TT 80,780- 577-70-24- A	W8EAO 20,300- 175-58-15- A W8PN 16,416- 152-54-10- A AFRC 15,120- 140-54-13- A	Colorado .	North Dakota
KR6B 38,940-295-66-13-A KD6JY 35,466-257-69-10-A KA6GKU 9776-104-47-6-A	N7ENL 74,256- 546-68-22- A W2JWF/7 58,512- 424-69-23- A WB7WUM 53,856- 408-66-17- B	W8BO 9400- 100-47- 5- A KC8YR 7476- 89-42-23- A KA80KII 7326- 99-37- 8- A KJ8I 7072- 104-34-24- A	167,388-1131-74-24- B N21C 153,936-1069-72-24- B	AKØT 129,444- 938-69-24- B
Santa Clara Valley	K7NF 33,280- 260-64-11- B W7E0F 27,040- 208-65-16- A W5PBL 16,932- 166-51-14- A K571 16,200- 135-60-11- A	KA8PYE 4160- 65-32-15- A W8DXT 3840- 60-32-18- B W8VZE 3498- 53-33- 5- A	KNØE 138,116- 946-73-23- B ADØO 98,404- 674-73-24- A WØCP 96,320- 688-70-17- A	WØZZ 64,256= 502=64=11= A KLØE 12,740=130=49=10= A WØLIB 5304= 52=51= 8= A KCØUM 1920= 40=24=11= A
N6BV 153,154-1049-73-24- B N6CM 136,802- 937-73-24- B AJ6V 127,516- 898-71-24- B	K7BFL 15,402- 151-51- 8- A KA7CXU 15,120- 140-54-22- A K7UU 13,530- 165-41- 5- A	W8XT 3422- 59-29- 3- A N8ATT 2184- 52-21- 4- A N8EGU 1650- 33-25-17- A W8XU 816- 24-17- 1- A	KØBN 82,360= 580=71=23= B k1ØJ 55,610= 415=67=19= A WØDK (KRØU,opr)	KC/W 70- 7-5-1- A
KD6PY 120,620- 815-74-24- A N6BT (N6XI, opr) 114,336- 794-72-24- A N16G 110,160- 765-72-24- B	AJ7K 12,900- 129-50-14- A W7PK 11,662- 119-49- 5- A N7RV 11,514- 101-57- 8- A W7BYK 10,400- 100-52- 8- A	WD8.DF 630-21-15-11-A WB8.DM (K8US,KC8XK,KW8N,W8s, ATR,DCJ,DMM,WB8LSN,WD8s AUB, LJP,Oprs)	43,596= 346=63=12= A KØUK 25,228= 238=53=6= A KØBC 24,240 202=60=10 A KVØL 3360 48=35-10 Y	South Dakota
N6AUV 110,112- 744-74-24- B W610 94,640- 676-70-22- A N6SJ 93,840- 680-69-24- A	W7JIE 4896- 68-36- 4- A W7RCD 4026- 61-33-12- B W7IEU 3762- 57-33- 4- A N7DX 2800- 50-28- 2- A	154,944-1076-72-24- в КПЛ (+КВГЛ) 125,528- 884-71-24- в	KAØJIXW 17- 3-2-9-A KCØD (*KDØY,WAØUJO) *15,736-851-68-24-B	WDØCXU 36,424- 314-58- 6- B KØJV 30,210- 265-57-11- A KTØD 29,400- 245-60-22- A
K6OMB 83,580- 597-70-22- A N6CN 78,384- 552-71-13- B N6KL 44,460- 342-65-18- A K2UMU/6 43,248- 318-68-13- A	AK7S 468- 18-13- 3- A A17N 288- 12-12- 1- A W7WG 256- 16- 8- 5- A	W8UPD (KA81CU, KK8H, KK8L, oprs) 80, 730-585-69-23-B KC8ZH (*KA8QLM, WD8LLD) 23,600-200-59-20-A	93,5/8- 659-/1-24- A	KØVVY (KAØS CVY, KQD, MXR, NQQ, KBØQA, WB7VDZ, WDØEWA, oprs) 122,080- 872-70-24- B
W6PRI 41,340-318-65-24-A N6NF 41,160-343-60-7-B WB6IYS 23,868-221-54-24-A K6OG 14,632-118-62-10-A	KC7NA 72- 6-6-5-A KA7FHM 32- 4-4-10-A K7SS 24- 6-2-1-A AG7M (multiop)	West Virginia	lowa  NØGA 153,738-1055-73-24- B	VE Maritime-Newfoundland
N6ST 13,020- 155-42- 3- B	137,882- 971-71-24- B N7COV (+KT7H) 66,528- 504-66-20- A	N811 151,548-1038-73-24- B KD8C 115,778- 793-73-23- A	N4RR/Ø 141,840- 985-72-24- B KFØH 139,824- 971-72-24- B KØI UZ 126, 288- 877-72-24- A	VOlQST (VOlAW,opr)
AA6PZ 9040- 113-40- 4- B WD6DXH 1600- 40-20- 3- A KGURO 1188- 33-18-10- A KGMA 640- 20-16- 2- A NGEJG 504- 18-14-11- A	Wyoming	WA3EOQ/8 80,784-561-72-23-B W4NW/8 79,776-554-72-14-A KB8FJ 73,556-518-71-17-B W8JWX 28,476-226-63-10-A	KØIS 105,980- 757-70-24- A KØLCI 14,700- 147-50-24- A WØIZ 87,640- 626-70-23- A	12,600- 126-50-24- B
WA6AZP 442- 17-13- 6- A WA6HAD 416- 16-13- 5- A WB6AAJ 128- 8- 8- 1- A W6YX (N100, N3ER, W3KF, W5XD).	K7IO 90,160-644-70-22-B WA8MAM/7 84,140-601-70-24-A WØETT/7 72,420-510-71-17-A	W8JRL 3200- 50-32- 3- B WD8CZA 850- 25-17- 5- A	KKØR 36,120-301-60-14-A WBØCSC 34,720-280-62-14-A	Quebec  VE2DPO 60.340- 431-70-24- A
MAZBSh. opr.: 11,160- 794-70-24- B	KA7FKT 60,288- 471-64-18- A WB7CFL 45,408- 344-66-17- A KW7L 28,652- 247-58-22- A	9	WØJTC 24,624-216-57-13-A AKØM 20,272-181-56-5-A WB91OG/Ø 18,920-172-55-11-A KBØPR 8528-104-41-11-A	VE2DPO 60,340-431-70-24-A VE2FFE 12,576-131-48-5-B VE2UN (VE1BHA, VE3JKC,oprs) 68,340-510-67-24-A
7	8 3248- 58-28-19- A	Illinois	KEØY 8528- 104-41- 6- A K9AYK/Ø 6396- 82-39- 8- B WØANZ 2520- 45-28-24- A	Ontario
Alaska	Michigan	K9KM 145,286-1023-71-24- B K9RF (K9GL,opr)	Kansas	VE3GP 79,560- 585-68-24- B VE3ATD 73,554- 533-69-22- A
AL7CQ 83,440- 596-70-17- B KL7Y 79,278- 543-73-16- B KL7DG 12- 3- 2- 1- A	WA8YVR 142,080- 960-74-24- B K8DD 111,544- 764-73-23- B K08T 111,504- 808-69-24- B	143,518- 983-73-24- B WAØAVL 117,384- 804-73-24- B K9RS 114,954- 833-69-17- R	KRAC 130 924- 922-71-24- P	VE3IRF 60,168-436-69-20-A VE3AWE 37,560-313-60-9-B WA4TNI/VE3 8428-98-43-9-A VE3FML 208-13-8-10-A
Arizona	K8SS 95,336-701-68-18-B K8MW 95,046-651-73-24-A K8KA 91.542-627-73-24-A	N9ACJ 100,800-700-72-24-A K9BG 92,680-662-70-24-A K9JU 90,596-638-71-22-A	KFØM 82,040-586-70-24-B	VE3ART (VE3s,ABG,DAO,FBI,GAS, GLD,MAS,Oprs) 109,072- 802-68-21- B
K6LL 162,874-1147-71-24- B K7OX 139,430- 955-73-24- B N9BT/7 133,590- 915-73-24- B	KJ8A 90,454-637-71-23-A N8EA 86,380-617-70-16-B W8LVN 78,780-606-65-23-A KOBM 75,486-547-69-24-A	WD9DBC 78,820- 563-70-24- B K9LUW 78,242- 551-71-24- A N9EP 73,698- 519-71-17- A N9CW 60,836- 454-67-17- A	74,520- 540-69-18- A WØQQQ (WBØQFV,opr) 53,332- 398-67-19- B ACØE 23,004- 213-54-11- A	
N7CW 131,546- 901-73-24- A W7ZMD 94,288- 664-71-23- B KN7N 80,668- 602-67-20- A N7CPL 71,710- 505-71-22- A	W8VPC 72,800- 520-70-22- A KS8Q 62,968- 463-68-24- B AC8W 56,980- 407-70-10- B	K9YAX 58,072- 427-68-12- B ADØH 56,440- 415-68-24- A N9TI 52,800- 400-66-10- R	NØDEE 22,184- 188-59-14- A WØBT 16,642- 157-53-15- A WDØHAG 630- 21-15- 3- A	Manitoba
W7YS 53,592 406-66-16- A WA7NXL 42,600- 300-71-12- A KC7V 5624- 74-38- 4- A	W8UE 53,248-416-64-16-A AJ8C 47,616-384-62-19-B K8CV 45,952-359-64-21-A K8SIA 45,500-350-65-12-B	N9BWE 46,092-334-69-10-A N9NA 45,630-351-65-10-A N9AUZ 41,600-325-64-9-A WB9NIC 41,406-309-67-14-A	KØYBV 308- 14-11- 7- A	VE4RF 17,818- 151-59- 7- A
ldaho	KOBU 44,888- 362-62-22- A KW8C 40,560- 312-65-22- A KBJLB 40,424- 326-62-10- B	WA9MRU 33,150- 255-65- 9- A WB9TBU 31,824- 234-68-12- A K9BQL 27,186- 197-69-10- A	Minnesota	Saskatchewan  VE5XK 145,550-1025-71-24- B
KØEJ 111,888- 756-74-24- A K7QD 109,072- 802-68-23- A	WB8AAX 30,740- 290-53- 9- A N8CQA 29,070- 255-57-17- A K8OT 28,396- 229-62-24- A	KYNU 23,328-216-34-6-A W9REC 22,016-172-64-14-A W9ZEN 21,960-180-61-8-A W9QWM 19,372-167-58-8-A	NØNO 131,040- 936-70-24- A WØHW 122,932- 842-73-24- B KQ8M/Ø 121,248- 842-72-23- B	VE5BBQ 8160-102-40-2-A
K7NHV 101,920-728-70-12-B WB7FAR (KS7V,0pr) 86.74-601-72-24-A KK7X 57,200-440-65-19-A	WASVEB 22,680- 180-63- 8- A KASJBK/N 21.480- 179-60-18- A	W9LNQ 12,180- 87-70- 9- A W9HBI 8568- 102-42- 5- A W9AGM 2800- 50-28- 3- A	K9IJL 117,360- 815-72-24- A W9WDW 110,568- 813-68-23- B K3WT 97,152- 704-69-24- A	Yukon-N.W.T.
WB7TJ1 39,204- 297-66-15- A	W8PVI 17,236-139-62-10- A W8BSF 15,476-146-53-13- B	N9ANK 660- 22-15- 4- A AR9N 220- 11-10- 1- A	KØFZG 91,590- 645-71-24- A WØYCR 85,960- 614-70-20- B	VY1DD 1564- 34-23- 2- A



NY4F (left) and N4FOC finished the contest wondering if it was all worth it. Guess it was, because Don is threatening to have a 40-meter beam for November 1983.



Dave, ND4Y, finished tops on phone in Kentucky.



NØAKC (left), K9FYZ, N9BLR and NØBSH operated K9FYZ to the top phone multiop slot in Wisconsin

		52	•	
PHONE	New Hampshire	N.Y.C. & Long Island	WB2NFB 54,672- 408-67-13- A K2SOT 48,816- 339-72-20- B	Maryland — D.C.
	K1AR 209,420-1415-74-21- B	KR2N (KQ2M,opr)	KB2SE 42,420-303-70-11-B W2TZ 41,344-304-68-6-A	W3LPL (WD4AXM.opr)
	KM1C (WB8BTH,opr) 184,836-1266-73-24- B	155,928-1068-73-24- A KK2E 133,980- 957-70-24- B	WA2FQE 39,192- 284-69-23- A WB2MVF 34,348- 277-62-13- A	210,604-1423-74-24- B K3ZJ 181,300-1225-74-24- B
	AFIT 131,328- 912-72-21- B WAITFH 94,752- 658-72-22- A	K2AU 82,782- 567-73-19- B WB2EZC 73,500- 525-70-20- A	WB2QDN 34,036- 254-67-17- A WB2YQH 29,200- 200-73-11- A	KA1GD 178,488-1206-74-24- B K3NA 170,064-1181-72-24- B
1	N1BEY 64,824- 444-73-22- A KE1E 42,372- 321-66-15- A	KS2C 73,130- 515-71-16- A KA2AEV 73,008- 507-72-13- A	W2VDX 28,860- 195-74-15- B AE2T 28,500- 250-57-10- B	K21TG 143,116- 967-74-22- B N3RL 142,968- 966-74-21- B
	AG1C 29,232-232-63-9-A AC1J 12,546-123-51-4-A	N2BZK 58,752- 408-72-14- A WA2JCX 32,830- 245-67-15- A	WDØFDK 26,624- 208-64-13- A K2YFP 22,968- 198-58-11- B	K3ZZ 140,774- 964-73-24- B K3TM 139,576- 956-73-20- B K3DI 131 868- 891-74-22- B
	KIIM 12,200- 122-50- 8- A KIGW 7656- 87-44- 3- A	WB2FMP 31,248- 248-63-14- B K2QA1 30,080- 235-64- 9- A	WB2TGU 21,480- 179-60-11- A WB2QPR 19,722- 173-57- 9- A KA2EGC 18,600- 155-60-13- B	WA3VUQ 120,158- 823-73-16- B
Connecticut	NIBFI. 2016- 36-28- 3- A	N2BAR 29,532-214-69-10-A K2DOD 21,318-187-57-19-A K2OVS 20,424-148-69-10-A	KA2HAR 17.700- 150-59-10- A	WA3EKL 110,448- 767-72-24- B N3GB 108.864- 756-72-17- B
W1WEF 198,764-1343-74-24- B	Rhode Island	WA2DZD 16,864- 136-62-10- A N2RQ 16,512- 192-43- 9- B	W2WNK 13,230-147-45-12-A WB1CHG 10,900-109-50-7-A WA2PHA 8712-99-44-7-B	K3WUW 103,122- 707-73-24- A K3SA 92,500- 625-74-14- B
K1TO 186,912-1298-72-23- B K1WA 157,536-1094-72-24- B	Ribut Island	KC2DH 14,410- 131-55-14- A W2TCR 14,300- 143-50-13- A	KB2NU 8000- 100-40- 2- B WB2SGS 6708- 78-43- 6- A	W3IDT 88,356- 597-74-24- A W3JPT 72,000- 500-72-22- B
K1CC 125,652- 849-74-11- B K1NYK 121,764- 834-73-22- B	WAICVF 105,558- 723-73-17- B K1VSJ 96,200- 650-74-21- B	N2CKN 14,112- 144-49- 9- A KC2T 10,920- 105-52- 8- B	WB2ODC 5544- 84-33-6-A KC2Y 5056- 79-32-4-A	KC3D 69,768-513-68-11-B W3AZ 52,824-372-71-17-B
KA1VC 112,420- 770-73-24- A KA1DZV 107,226- 777-69-24- A	W1RFQ 8192- 64-64- 7- A KA1AWS 5740- 82-35-10- A	W2KZE 10,648- 121-44-24- B WA2ARC 9844- 107-46- 8- A	K2QR 2610- 45-29- 1- A KA2KFV 2000- 50-20-10- A	K4CGY 52,008- 394-66-14- B WA4CYR 51,060- 370-69-15- A WB3LLI 43,344- 301-72-18- A
N1CC 86,400-600-72-16-A K1DD 76,608-532-72-16-B K1BV 70,140-501-70-18-B	WILQA 4270- 61-35- 5- A WIOP (NIS AKO, BBM, WAIRKL,	N2RO 8976- 102-44- 7- B W2AYJ 5440- 80-34- 4- A	WAZLEZ 1960- 49-20- 1- A KF2A 504- 18-14- 3- A	K3AO 39,050- 275-71-24- B WA3VPL 36,792- 292-63-14- A
KIYRP 59,500- 425-70-12- A KG1D 53,900- 385-70-24- B	WB1FDY,oprs) 76,440-546-70-22-B	W2ZZE 3304- 59-28- 7- A WA2NIF 624- 24-13- 3- A KB2UB 144- 9- 8- 2- A	W20W (K20C, KAZCDE, K12P, N2HR, N61N, oprs) 186,332-1259-74-24- B	W3FQE 32,964-246-67-14-B K3CU 32,368-238-68-7-B
N1BGA 48,910- 365-67-17- A N1JW 44,298- 321-69- 7- A	WB1FDY (+KA1DUV) 25,080- 209-60-14- A	W2CXN (KB2SS,N2RQ+2oprs) 15,290-139-55-6-A	KF2X (+N2s, BXC,CFN) 91,834- 629-73-24- B	K3SO 31,248-248-63-18-A N3AOE 24,960-208-60-16-A
W1VV 43,746- 317-69- 6- B K1DW 36,992- 289-64-24- A		WB2RAQ (+N2CMO) 9888- 103-48-14- A	71,034 029-73-24- B	W3EE 20,532-174-59-9-A K2PLF/3 18,720-195-48-5-A
K1NCD 30,208- 236-64-13- A K1DM 28,670- 235-61-12- A	Vermont	7000 103-48-14- A	3	N3COB 16,188- 142-57- 7- A K3KU 15,120- 168-45- 3- B
KA1YE 23,072-206-56-12-A K1EM 19,404-154-63-9-A		Northern New Jersey	Delaware	WB3JRU 13,708- 149-46-24- B N3API 10,560- 120-44- 7- A
W1PMR 17,114-199-43-13-B KA1YS 15,386-157-49-24-B	WB1CQR 188,996-1277-74-24- B W1KQ 58,344- 429-68-14- B	W2RQ 196,248-1326-74-20- B		W3FCR 10,368- 72-72-12- A N3CW 7688- 62-62- 5- B N3AM 6840- 95-36- 1- B
W1BIH 15,244-103-74-4-B AB1U 10,658-73-73-6-A KF1B 9856-112-44-10-Λ	WAIJCK 40,392- 297-68-12- B	KC2FV 83,904-608-69-18- A N2RF 68,728-484-71-18- A	K3HBP 51,800- 350-74-12- B	WA3EOQ 6320- 79-40- 3- A W3PWO 6120- 85-36- 7- A
RM1G 6150- 75-41- 4- A WB9FMB 3864- 69-28- 9- A		WA4PFN 58,290- 435-67- 9- A WA2BYX 39,168- 306-64-15- A	N8NA/3 36,162-287-63-8-A AC3T 9240-105-44-3-A K2GE/3 (K2MS,N2CYM,WA2NXK,	KD3U 4140- 69-30- 4- A W3GNQ (+W3FG)
K1D11 2800- 50-28- 2- A K1K1 1248- 37-17-34- A		KW4E/2 37,118- 277-67-13- A N2CS 35,360- 260-68-11- A	WB2s ANM,ONA,opr) 16,642-157-53-8-A	132,904- 898-74-23- B
W10D (+AK4L) 188,632-1292-73-24- B	Western Massachusetts	N2DWY 31,098- 219-71-11- A N2CJJ 27,984- 212-66-16- B	,	Vestern Pennsylvania
KlAS (+KBls,H,I,WAls,HYN, RLV) 135,926- 931-73-22- B	Western Massachusetts	KB2ZQ 27,846- 221-63-10- A K3QM 26,264- 196-67-12- A	Eastern Pennsylvania	K2W4 210 224 1400 74 04 D
WA1DHW (+K1VRT,W1ODY,KR2V) 112,752- 783-72-23- B	WA1ZAM 82,080- 570-72-23- A N1SR 34,680- 289-60-10- A	W2GNW 25,872- 196-66-15- A KG2N 12,052- 131-46- 8- A WB2CG1 3540- 59-30- 4- B	Lasteri Centsylvania	K3UA 219,336-1482-74-24- B K3LWM 150,072-1014-74-24- B KF3V 128,020- 865-74-21- A
112,752 703 72 23 3	NIXZ (+WAIVEI) 114,624- 796-72-22- B	W2SHM 2888- 38-38- 2- B N2CWC (+WB2UVU)	WB3FAA 141,182- 967-73-24- B WB3EMC 127,896- 876-73-23- B	AG3H 60,976- 412-74-14- A
	W1YK (AK1J, WA2YHZ,WB1DSO, oprs) 92,300-650-71-24-B	77,352- 586-66-15- A KC2CS (+KA2QWM)	WA3JWP 111,982-767-73-23-B WA3SPI 90,440-665-68-17-R	WA3PCX 128- 8-8-1-A
	WIPUO (KAIBDB,KFIR,WAIFCD, WBIDOF,KR4N,oprs)	31,812- 241-66-10- A KC2OM (+KA2OAR)	K3MRG 86,380-617-70-18-A WA3YON 69,828-506-69-19-A	62,488- 428-73-17- В
Eastern Massachusetts	56,516- 398-71-24- A	15,732- 171-46-18- A	WB3FKQ 69,276- 502-69-13- B WB3FYT 68,256- 474-72-24- A	4
KG1E 162.060-1110-73-24- B		Southern New Jersey	WB31WZ 60,918- 429-71-22- B AA3B 59,228- 442-67-14- A	
KG1E 162,060-1110-73-24- B K1VR 145,408-1024-71-22- B N1AU 108,360- 774-70-21- B		Southern (vew geissey	KG3C 57,816- 438-66-24- A KB3YJ 54,460- 389-70-17- A	Alabama
K1VUT 88,892- 626-71-20- A WB2UMF 61,686- 447-69-22- B	2	WA2OOS 141,044- 953-74-21- B K2AA (WA2KOK,opr)	W3ARK 42,770- 329-65- 9- A W3WJC 42,714- 353-63-12- B	N4KG (KC4ZV,opr) 189,144-1278-74-24- B
W1FM 53,676- 378-71-12- A KE1U 52,164- 378-69-10- Λ		102,638- 703-73-24- B WB2VFT 102,200- 700-73-24- A	W31 <sup>1</sup> ZH 42,600- 300-71-18- A KA3A 35,000- 250-70- 6- B	K4ZGB 68,256- 474-72-14- A K4IQJ 57,820- 413-70-16- A
K1KZL 47,328- 348-68-24- A WA2TBA 43,008- 336-64-16- Λ	Eastern New York	WA2WJL 68,832-478-72-16-A N2BCF 66,500-475-70-23-A	WB3AAK 34,844-281-62-18-A KA3DIL 32,512-254-64-15-A KB3JK 30,366-241-63-10-R	N4FQD 32,364-279-58-14-A K4RY (KA4s, PKB,Y, KB4s BBD,
N1BTW 39,440- 290-68-20- A W1TUM 32,736- 248-66-14- A	K2TR 244,940-1655-74-24- B	W2FGY 58,374- 423-69-22- B W2PAU 49,700- 355-70-12- B K2OSV 36,332- 293-62-13- B	KB3JK 30,366- 241-63-10- B K3PSF 27,064- 199-68- 8- A KA3DSW 26,400- 200-66-10- B	UX, WA4s LJU, SKT, WB4VHH, WC4Q, WD4AAP,oprs.)
W1PLJ 18,550- 175-53-11- B KA1EKR 15,222- 129-59-15- A K1UCA 11,424- 112-51-10- B	WA2STM 128,880- 895-72-24- A KB2T (AG2X,opr) 125,208- 846-74-24- B	K2OSV 36,332- 293-62-13- B K2YY 28,188- 243-58-24- B W2ORΛ 27,880- 205-68-13- Λ	KE3J 24,856- 239-52-12- A W3KOK 24,522- 201-61-24- A	73,414- 517-71-24- A
WILUG 7656- 87-44-15- A WISR 2496- 52-24- 3- A	W2ARQ 113,664- 768-74-24- B K2UF 95,192- 652-73-21- A	K2HPV 25,200- 210-60-11- A WB2ERI 23,814- 189-63-20- B	N3AVZ 24,244- 209-58-12- B N3CXB 23,920- 230-52- 9- A	Georgia
K1XM 2160- 40-27- 3- B KA1GHR (+K1s PR.XM)	KC2AG 86,360- 635-68-20- B W2HES 62,580- 447-70-14- B	W2BLV 17,040- 120-71- 8- A WA2RCB 14,580- 135-54- 4- B	K3VYA 22,800- 200-57-10- B K3WGR 22,204- 182-61- 7- A	N4RJ (K2PO,opr)
160,728-1086-74-24- B KA1YQ (+KJ1N,N1BNC)	N2BHP 56,816- 424-67-16- A KB2HO 52,080- 372-70-19- B	WB2GES 11,904- 124-48- 4- A WA2AWS 10,440- 116-45- 6- A	WA3KBH 21,306-201-53-16-A KC3CB 15,340-130-59-7-A	148,000-1000-74-24- A K4KKJ 124,246- 851-73-21- B
147,556- 997-74-24- B	KW21 44,472- 327-68-22- A W2DW 42,504- 308-69-10- B	WB2UVB 6868- 101-34- 6- A N2RF 3750- 75-25- 2- B	AD3L 15,190- 155-49- 8- A WB3FPL 10,400- 104-50- 5- A	KC4UC 48,280- 340-71-18- A K4BAI 29,116- 251-58- 4- B
Maine	WB2ENA 42,296- 311-68-16- A WA2KI.V 42,210- 315-67-19- A	N2MR 3036- 69-22- 2- A N2AWC 2600- 50-26- 9- A	KC3M. 10,240- 80-64- 8- A WB3EPW 9476- 103-46- 8- A	KV4A 21,228- 174-61-24-A K14Y 13,420- 122-55- 6- A
V1 IB 62 626- 650-69 10 P	KJ2R 28,116- 198-71-19- A KU2W 25,578- 203-63-14- A	K2JIA 128- 8-8-1-B AB2Y (+AB2Z,KA2MVV)	WB3BOT 8848- 79-56- 7- A K3DTD 7392- 88-42- 5- A	K4BAM 11,440- 110-52- 4- A W4GLS 8272- 94-44-10- A
K1JB 62,424- 459-68-10- B N1AFC 56,280- 402-70-17- A KA10Q 49,632- 376-66-21- A	N2JJ 23,936- 176-68- 8- B WB2OFV 23,270- 179-65- 9- B KA2DVK 20,300- 175-58-22- A	69,154- 487-71-21- A	KB3CB 6460- 85-38- 6- A KA3AXE 5372- 79-34- 8- A N3DCC 2650- 53-25-10- A	W4AQL (N4s CXF,HYU,WA4s ABY, ZBO,WB4AYP, WD4s IZT, OLP,
KINAN (KKIA.opr) 31,960-235-68-7-8	WA2DWU 18,576- 172-54-15- A K2OF 15,300- 150-51- 6- B		KB3XB 1564- 34-23- 3- A WA3JXW 1144- 52-22-24- A	W8ZI,oprs) 131,424- 888-74-24- B
W1KX (+K1PV,KAls EIW,TJ,	WA2EQW 3348- 54-31- 2- B W2XL (+KA2KVZ).	Western New York	K3YTL (K3ZGL,WB3CAI,oprs) 27,258- 231-59-14- A	Kentucky
WAIJCN) 71,568- 504-71-18- A	110,814- 759-73-10- B WB2KMY (+N4FFD)	WB2YQO 74,016- 514-72-21- B	W3AVK (KA3EDX,KC3EC,N3CUB, oprs)	
WIYA (KAIs DZJ,GOO,JMF, NIATN oprs)	83,664-581-72-23-A KW2D (+KC2KK)	KJ2Q 69,580- 497-70-13- B WB2ODH 63,420- 453-70-24- B WA2RKO 62,464- 488-64-18- B	21,504- 192-56-23- B KB3QI (+KA3GRS)	ND4Y 109,224- 738-74-24- B K4FU 99,456- 672-74-16- B
60,720- 440-69-24- A	34,790- 245-71-16- A	WA2RKO 62,464-488-64-18-B	2862- 53-27- 4- A	KA41DW 53,466- 399-67-24- A

KA4GQB 27,840- 240-58-18- A	Virginia	New Mexico	W5JWM 29,376- 216~68-13- B	KV6H 153,032-1034-74-24- B
KA4MAP 27,816- 228-61-19- A K4AVX 8232- 98-42- 4- A		AA5B 287,860-1945-74-24- B	W5JWM 29,376- 216-68-13- B N5CMF 25,488- 177-72-15- A WB5UCL 20,862- 171-61-10- A	K6SC 125,060- 845-74-21- B KF6A 108,188- 731-74-19- B
W4CN (KA4TAY, KC4MK, KD4U, KK4O N4s TY XM NOAR oprs)	KD4NI 173,604-1173-74-23- B	W5JW 103,452- 699-74-13- B	K5MA 20,300~ 175-58- 4- A	K160 59,472-413-72-24-B WB6RDA 42,012-389-54-12-A
KK4Q,N4s TY,XM, NO4R,oprs) 144,832- 992-73-22- B KE4NS (+KA4s KJG,KJH,NN4H,	W4MYA 172,568-1166-74-24- B K4CG (K7SV,opr)	KN5S 16,254- 129-63- 7- B K7UP/5 286- 13-11- 2- A	K3ZMI/5 1350- 27-25- 1- A	N6GQA 21,504- 192-56-21- A
WB4s OJM, VFW, WD4GDA)	171,976-1162-74-24- B K2NA 146,520- 990-74-21- B		K5CA (+KY5A,WB5WHR) 190,180-1285-74-23- B	WA6BRV 9000- 100-45- 6- A KA6BIM 7392- 88-42- 5- A
49,248- 342-72-24- A	KBØC/4 98,784-686-72-21-B	Northern Texas	K5KG (+K5MA,KC5M,W5ASP) 189,292-1279-74-24- B	N6JM 3600- 50-36- 3- A
North Coulty	N3JT 96,192-668-72-14-B K4OD 72,432-503-72-20-B	K5QY 201,132-1359-74-24- B	WA2PRB/5 (+WA5ZUP) 149,066-1021-73-23- B	Son Diago
North Carolina	K4GKD 63,048- 426-74- 8- B W4XD 55,476- 414-67-15- B	K5NW 175,824-1188-74-24- B N5RZ 167,024-1144-73-24- A	K2TNO/5 (+KÁ5s OAT, PJG)	San Diego
N4AA 144,300- 975-74-19- B	WC4B 50,646- 367-69-24- A K4FPF 48,720- 348-70-16- A	K511D 151,404-1023-74-21- A WB5VZL 150,526-1031-73-24- A	48,438- 351-69-14- A	N6ND 110,112- 774-74-23- A
K4JEX 87 472- 616-71-10- R	K4FJ 47,838- 357-67-10- A	WD5GSL (WBØTEV,opr)	6	N6BFE 66,384-461-72-24-A
WD4AVY 55,042- 377-73-19- A KT4W 43,112- 317-68-10- B	WA4EMU 46,096- 344-67-17- A W4YE 44,800- 320-70- 7- B	143,518- 983-73-24- B N5JB 102,416- 692-74-14- B		W6JXA 19,950- 175-57-11- A
N4UH 25,090- 193-65- 4- B KA4RTJ 11,328- 118-48-14- A	K4YF 37,252-278-67-5-B N4RA 36,660-282-65-8-A	K5ZD 102,120- 690-74- 7- B KM5R 100,344- 678-74-13- B	East Bay	K6ZH 19,604-169-58-5-A AA6EE 18,762-159-59-8-B
W8JUP 10,918- 103-53- 7- A	WB4LNT 33,824-302-56-6-A	WB3DBI/5 93,388- 631-74-24- A N5AU 91,908- 621-74- 8- B		W6KBD 5740- 70-41- 8- A W6NWG (K6NS,KA6FRS,KF6BL,
W4ZBY 7776- 81-48- 9- A	W4NND 33,642- 267-63-17- B KA4RLJ 32,868- 249-66-14- A	KD5BE 88,356- 597-74-24- A	N6NE 237,096-1602-74-24- B	KM6K.N6s DYO.GKA.GZI.WA6OLI
WA4NOT 2448- 51-24-24- B AF4D 2312- 34-34- 4- A	WD4ELJ 30,774- 223-69-13- B W8KPI 28,148- 227-62-11- B	N5EC 85,680-630-68-8-B K5MM 68,880-492-70-13-A	K2CMY 117,792- 818-72-20- A WB6FCR 101,676- 687-74-18- A	WD6FWE, W9SQN, Oprs) 114,026- 803-71-23- B
N4YM 1260- 30-21- 2- A KA4MPP 748- 22-17- 3- A	KA4 IUM 26,880 210-64-13- A	K2SCU/5 67,932- 459-74-18- B KV5B 60,350- 425-71-24- B	KS6H 43,112-317-68-12-A NN6Y 11,200-100-56-15-A	
K4MOB (+KC4AO)	K4YT 26 000- 200-65-24- B K8EI 23,640- 197-60-11- A	W5LKP 58,692- 402-73-18- A	KS6Q 3240- 54-30- 4- B KE6RV (+KA6QGV, KB6UY, NA6Q,	San Francisco
61,568- 416-74-20- B	WD4KQJ 23,520- 196-60-12- A W4JVN 21,760- 170-64- 7- E	K5MR 51,188- 382-67-12- A W5AH 47,334- 343-69-24- B	WA6LPR, WB6EZI)	
Northern Florida	NN4U 19,942-169-59-8-B	KY5N 47,056- 346-68-11- A N5UA 39,760- 280-71-14- B	108,188- 731-74-24- W6BB (ACIE,KF6AM,oprs)	W6BIP 132,460- 895-74-18- B WA6AUE 100,492- 679-74-24- A
	KD4VO 14,790- 145-51- 6- A	N5CMI 28,098- 223-63- 8- B	52,704- 366-72-19-	K6LRN 24,684- 187-66- 7- A
N4SA 179,376-1212-74-19- B	WB4FDT 12,784- 136-47- 4- A KA4ERK 12,584- 121-52- 9- A	KC5EA 26,082-189-69-8-B	I as America	WASLLY 15,616- 128-61- 7- A WD6FMG 10,564- 139-38- 3- A
K4XS 164,872-1114-74-24- A NO4J 122,692- 829-74-23- B	W4WWQ 11,880-108-55-6-B N4HDK 10,472-119-44-7-A	W5DLM 23,932- 193-62-13- A WA5DTK 18,408- 156-59- 5- A	Los Angeles	
NU4Y 121,212- 819-74-19- B	KA1GQ 10,192- 98-52- 6- A	W5JD 10,780- 110-49- 4- B	N6HC 178,488-1206-74-20- B	San Joaquin Valley
WC4E 59,780- 427-70-18- A	N4BLX 9800- 100-49-11- A W4JLS 9360- 120-39- 7- A	KC5BA 89/6- 102-44- 6- A	N6HE 98,784- 686-72-14- A	
W4IIR 45,792-318-72-18-B WA4MOJ 35,496-261-68-15-A	KF4FP 9266- 113-41-10- B N4FDH 4352- 68-32- 9- A	KX5U 8624- 88-49-8-A K5RX (+KM5X)	W8AKS/6 64,240- 440-73-23- A	N6PR 100,536- 708-71-22- A KE6RN 32,234- 227-71- 8- A
N4MS 32,292-234-69-12-B WA4T 22,032-153-72-18-A	NJ4Q 2604- 42-31- 1- B K4TM 2052- 38-27- 2- A	196,544-1328-74-24- B K5FUV (+K1RX,K5ZD)	N6AXQ 49,640- 365-68-21- A WA60EB 34,706- 259-67-18- A	WD6DET 8938- 109-41- 6- A WA6SLF 8372- 91-46- 8- A
W4VQ 9400-100-47-2-B W4PTT 5382-69-39-5-A	WB41UB 192- 12- 8- 2- A	162,060-1095-74-16- B K5OJI (K5HM,WBØGQT oprs)	WD6AGN 27,342-217-63-7-B WB6VVS 25,088-196-64-16-A	WAGSER 83/2- 91-46- 8- A
W4OSE 2958- 51-29- 7- A	W41Y (K2YUB,KB4ADS,KD41C KE4EV,WD4SKQ,WG4A,WB5OOD,	102,666- 723-71-22- A	WB6NFO 21,280-152-70-15- A	Santa Barbara
N4UF 2912- 52-28- 1- B KD4JS 1600- 40-20- 4- A	oprs) 76,664-518-74-23-B KA4KEC (+KA4TKQ)	K5JEF (WA61US,WD81WN,N9BAH, oprs.)	N61C 14,800- 100-74-13- B N900 13,260- 130-51- 8- A	
		opis.)		
	17,952- 176-51- 9- A	6188- 91-34-10- A	W6NXB 8700- 87-50-10- A	N6TR 268,768-1816-74-24- B
South Carolina		6188- 91-34-10- A	W6NXB	W2KVA/6 117,384- 804-73-22- B WA6DJS 89,176- 628-71-18- B
South Carolina	17,952- 176-51- 9- A	6188- 91-34-10- A	W6NXB 8700- 87-50-10- A W6OXX 98- 7- 7- 2- A AJ60 (+N5FA,KE6EL) 239,316-1617-74-24- B WB6BIM (+KA6s,SHL,SOP,N6s	W2KVA/6 117,384-804-73-22-B WA6DJS 89,176-628-71-18-B WA6VNN 87,984-611-72-20-A K6VMN 84,672-588-72-18-B
	17,952- 176-51- 9- A West Indies NP4A (K12H,opr)	6188- 91-34-10- A Oklahoma	W6NXB	W2KVA/6 117,384-804-73-22-B WA6DJS 89,176-628-71-18-B WA6VNN 87,984-611-72-20-A K6VMN 84,672-588-72-18-B W6TKF 82,644-582-71-15-A KD6LB 76,020-543-70-19-B
South Carolina  K4ADI 51,552- 358-72-16- A	17,952- 176-51- 9- A West Indies	6188- 91-34-10- A  Oklahoma  KM5H 137,240- 940-73-24- A	W6NXB 8700- 87-50-10- A W6OXX 98- 7- 7- 2- A AJ60 (+N5FA,KE6EL) 239,316-1617-74-24- B W86BIM (+KA6s,SHL,SOP,N6s DWR.CDE.CPZ.TYO.WAGUYB)	WZKVA/6 117,384-804-73-22- B WAGDUS 89,176-628-71-18- B WAGVNN 87,984-611-72-20- K KOVMN 84,672- \$88-72-18- B K MGTKF 82,644-582-71-15- A K MGLB 76,020-543-70-19- K K MGV 45,962-343-67-14- B
South Carolina  K4ADI 51,552- 358-72-16- A	17,952- 176-51- 9- A West Indies NP4A (K12H,opr)	CKISH 137,240- 940-73-24- A W7FC 112,480- 760-74-11- B KD5BJ 73,438- 503-73-18- A	W6NXB 8700- 87-50-10- A W6OXX 98- 7- 7- 2- A AJ60 (+N5FA,KE6EL) 239,316-1617-74-24- B W86BIM (+KA6s,SHL,SOP,N6s DWR.CDE.CPZ.TYO.WAGUYB)	WZKVA/6 117,384-804-73-22-B WAGDUS 89,176-628-71-18-B WAGVNN 87,984-611-72-20-A KGVMN 84,672-588-72-18-B WGTKF 82,644-582-71-15-A KGGLB 76,020-543-70-19-B WAGU 21,842-163-67-8-MGU 14,976-144-52-10-A
South Carolina  K4AD1 51,552- 358-72-16- A AE4Y 31,616- 247-64- 7- B  Southern Florida	17,952- 176-51- 9- A West Indies NP4A (K12H,opr)	Okiahoma  KM5H 137,240- 940-73-24- A WJFC 112,480- 760-74-11- B KD5BJ 73,438- 503-73-18- A KB52Q 17,172- 159-54- 6- A KC4WQ 3100- 50-31- 2- A	W6NXB 8700- 87-50-10- M60XX 98- 7- 7- 2- A AJ60 (+N5FA,KE6EL) 239,316-1617-74-24- B W86BLM (+KA66,SHL,SOP,N6s DWR,CDE,GPZ,TYO,WA6UYB) 96,600- 690-70-21-B Orange	WZKVA/6 117,384-804-73-22-B WAGDUS 89,176-628-71-18-B WAGVNN 87,984-611-72-20-A KOWNN 84,672-588-72-18-B WGTKF 82,644-582-71-15-A KOGLB 76,020-543-70-19-B WAGS 1JZ 21,842-163-67-8-MGU 14,976-144-52-10-A KOGCN 14,000-125-56-9-B 4100-50-41-4-A
South Carolina  K4AD1 51,552- 358-72-16- A AE4Y 31,616- 247-64- 7- B  Southern Florida  N4BP 181,152-1224-74-21- B WA4FSP 92,648- 626-74-24- A	17,952- 176-51- 9- A West Indies NP4A (KIZM.opr) 361,416-2442-74-24- B	Oklahoma  KM5H 137,240-940-73-24-A W7FC 112,480-760-74-11-B KD5BJ 73,438-503-73-18-A KC4WQ 3100-50-31-2-A N5EST 140-10-7-1-8	W6NXB 8700- 87-50-10- A W6NXX 98- 7-7- 2- A AJ60 (+N5FA,KE6EL) 279,316-1617-74-24- B W56BIM (+KA6e,SNL,SOP,N6s DWR,CDE,CPZ,TYO,MAGUYB) 96,600- 690-70-21-B  Crange  K6JQL 56,880- 395-72-24- A AJ6E 47,436- 354-67-10- A A	WZKVA/6 117,384-804-73-22-B WAGDUS 89,176-628-71-18-B WAGVNN 87,984-611-72-20-A KOVNN 84,672-588-72-18-B WGTKF 82,644-582-71-15-A KO6LB 76,020-543-70-19-B KAGV 45,962-343-67-14-B WAG1JZ 21,842-163-67-8-A NHGU 14,976-144-52-10-A KO6CN 14,000-125-56-9-B AKAGKU 45,646-132-2-A KAGL (+KAGEFC,KDGQX)
South Carolina  K4AD1 51,552- 358-72-16- A AE4Y 31,616- 247-64- 7- B  Southern Florida  N4BP 181,152-1224-74-21- B WA4FSP 92,648- 626-74-24- A WA4F1B 58,546- 401-73-21- A	17,952- 176-51- 9- A West Indies NP4A (KIZM.opr) 361,416-2442-74-24- B	Okiahoma  KM5H 137,240- 940-73-24- A WJFC 112,480- 760-74-11- B KD5BJ 73,438- 503-73-18- A KB52Q 17,172- 159-54- 6- A KC4WQ 3100- 50-31- 2- A	W6NXB 8700- 87-50-10- A W60XX 98- 7- 7- 2- A AJ60 (+N5FA, KE6EL) 239, 316-1617-74-24- B WB6B1M (+KA6s, SHL, SOP, N6s DWR, CDE, CF2, TYO, WA6UYB) 96,600- 690-70-21-B  COrange  K6JQL 56,880- 395-72-24- A A16E 47,436- 354-67-10- A CNC6U 31,488-246-64-8	WZKVA/6 117,384 - 804-73-22- B WAGDUS 89,176-628-71-18- B WAGVNN 87,984-611-72-20- K K6VMN 84,672-588-72-18- B WGTKF 82,644-582-71-15- K K06LB 76,020-543-70-19- B KAGV 45,962-343-67-14- B WAG1U2 21,842-163-67- 8- A NMGU 14,976-144-52-10- K K06CN 14,000-125-56-9- B AA6BB 4100-50-41-4- A KAGCKU 3904-61-32-2- K KAGL (+KAGEFC, KDGQX)
South Carolina  K4AD1 51,552- 358-72-16- A AE4Y 31,616- 247-64- 7- B  Southern Florida  N4BP 181,152-1224-74-21- B WA4FSP 92,648- 626-74-24- A W4PZV 22,484- 154-73-17- A W4LEP 515- 27-28- 4- B	17,952- 176-51- 9- A West Indies  NP4A (K12H,opr) 361,416-2442-74-24- B  5 Arkansas	Oklahoma  KM5H 137,240- 940-73-24- A WJFC 112,480- 760-74-11- B KD5BJ 73,438- 503-73-18- A KC4HQ 3100- 50-31- 2- A KS5CM (+N5s CG,KW) 227,032-1534-74-24-B	W6NXB 8700- 87-50-10- A W6OXX 98- 7-7-2- A A J60 (+N5PA, KE6EL) 239, 316-1617-74-24- B WB6BLM (+KA6s, SHL, SOP, N6s DWR, CDE, CP2, TYO, WA6UYB) 96, 600- 690-70-21-B  CORAGE  K6JQL 56, 880- 395-72-24- A A J6E 47, 436- 354-67-10- A C MC6U 31, 488- 246-64- 8- A WA6CFR 29, 232- 232-63-15- A KCØF / 6 10, 368- 72-72-13- A	WZKVA/6 117,384-804-73-22-B WAGDUS 89,176-628-71-18-B WASVNN 87,984-611-72-20-K K6VMN 87,984-611-72-20-B WAGVNN 87,984-611-72-20-B WAGVNN 84,672-888-72-18-B WAGVNN 82,644-582-71-15-A KDGLB 76,020-543-70-19-B WAGIJZ 21,842-163-67-8-A WAGU 21,842-163-67-8-A KDGCN 14,000-125-56-9-B AAGBB 4100-50-41-4-A KAGCKU 3904-61-32-2-A KAGCKU 3904-61-32-2-A KAGL (+KAGEFC,KDGGN) 86,940-621-70-15-B WAGIAX (KGCAB,KAGVRW,KDGZM, KEGLO,NGS BED,MIC,GAU,WGS RDY,
South Carolina  K4AD1 51,552- 358-72-16- A AE4Y 31,616- 247-64- 7- B  Southern Florida  N4BP 181,152-1224-74-21- B WA4FSP 92,648- 626-74-24- A W4PZV 22,484- 154-73-17- A W4LEP 1512- 27-28 4- B W4LEP 1512- 27-28 4- B W2HAE 1160- 29-20- 2- A W4KB 756- 21-18- 2- A	17,952- 176-51- 9- A West Indies  NP4A (K12M,opr) 361,416-2442-74-24- B  5  Arkansas  N5DX (K8CC,opr) 182,040-1230-74-18- B	Oklahoma  KM5H 137,240- 940-73-24- A W7FC 112,480- 760-74-11- B K05BJ 73,438- 503-73-18- A K85ZO 17,172- 159-54- 6- A KC4WQ 3100- 50-31- 2- A M5EST 140- 10- 7- 1- B KSCM (+N5s CC, KW)	W6NXB 8700- 87-50-10- A W6OXX 98- 7-7- 2- A A A 60 (*M5PA, KE6EL) 239,316-1617-74-24- B WB6BIM (*KA6s, SHL, SOP, N6s DWR, CDE, CP2, TYO, WA6UYB) 96,600- 690-70-21-B  C) Crange  K6JQL 56,880- 395-72-24- A A 16E 47,436- 354-67-10- A C W6U 31,488- 246-64-8- A WA6CFR 29,232- 232-63-15- A ND6U (*ACGF/6 10,368-72-72-13- A NB6s SKE, WAJ)	WZKVA/6 117, 384 - 804 - 73 - 22 - B WAGDIS 89, 176 - 628 - 71 - 18 - B WAGVNN 87, 984 - 611 - 72 - 20 - K KOWNN 84, 672 - 588 - 72 - 18 - B WGTKF 82, 644 - 582 - 71 - 15 - K KOELB 76, 902 - 543 - 70 - 19 - B KAGV 45, 962 - 343 - 67 - 14 - B WAGIJZ 21, 842 - 163 - 67 - 8 - A WAGIJZ 21, 842 - 163 - 67 - 8 - A KAGCN 14, 900 - 125 - 56 - 9 - B KAGV 3904 - 61 - 32 - 2 - K KAGL (-KAGEFC, KOGKY) 86, 940 - 621 - 70 - 15 - B WAGIAX (KGCAB, KAGVW, KOGZM, MAGNW, KOGZM, MAGNW, MAGZM, MAGNN, MAGYM,
South Carolina  K4AD1 51,552- 358-72-16- A AE4Y 31,616- 247-64- 7- B  Southern Florida  N4BP 181,152-1224-74-21- B WA4FSP 92,648- 626-74-24- A W44FLEP 58,546- 401-73-21- A W4PZV 22,484- 154-73-17- A W4LEP 1512- 27-28- B W2HAE 160- 29-20- 2- A N4KB 56- 21-18- 2- A NY4F (+N4FOC) 168,046-1151-73-23- B	17,952-176-51-9-A West Indies  NP4A (K12M,opr) 361,416-2442-74-24-B  5  Arkansas  N5DX (K8CC,opr) 182,040-1230-74-18-B KA5FZM 47,610-345-69-16-B WB5EET 1200-30-20-4-A	Oklahoma  KM5H 137,240- 940-73-24- A W7FC 112,480- 760-74-11- B K05BJ 73,438- 503-73-18- A K65ZQ 17,172- 159-54- 6- A KC4NQ 3100- 50-31- 2- A K5CM (+N5s CG,KW) 227,032-1534-74-24-B  Southern Texas	W6NXB 8700-87-50-10-A M60XX 98-7-7-2-A AJ60 (+M5PA,KE6EL) 229,316-1617-74-24-B WB6BIM (+KA6s,SHL,SOP,N6s DWR,CDE,CP2,TYO,WA6UYB) 96,600-690-70-21-B  C)	WZKVA/6 117, 384 - 804 - 73 - 22 - B WAGDIS 89, 176 - 628 - 71 - 18 - B WAGVNN 87, 984 - 611 - 72 - 20 - K KOWNN 84, 672 - 588 - 72 - 18 - B WGTKF 82, 644 - 582 - 71 - 15 - K KD6LB 76, 020 - 543 - 70 - 19 - B KAGV 45, 962 - 343 - 67 - 14 - B WAGIJZ 21, 842 - 163 - 67 - 8 - A WAGIJZ 21, 842 - 163 - 67 - 8 - A WAGIJZ 21, 842 - 163 - 67 - 8 - A KAGC 14, 000 - 125 - 56 - 9 - B AGAGB 4100 - 50 - 41 - 4 - A KAGCKU 3904 - 61 - 32 - 2 - A KAGL (+KAGEFC, KDGCX) 86, 940 - 621 - 70 - 15 - B WAGIJX (KCGAB, KAGVW, KDGZM, KEGLO, NGS BED, DHU, CAU, WGS RDY, ZZN, Oprs)
South Carolina  K4AD1 51,552- 358-72-16- A AE4Y 31,616- 247-64- 7- B  Southern Florida  N4BP 181,152-1224-74-21- B W44FSP 92,648- 626-74-24- A W44FB 58,546- 401-73-21- A W4PZV 22,484- 154-73-17- A W4LEP 1512- 27-28- B W2HAE 160- 29-20- 2- A N4KB 160- 29-20- 2- A N4KB N4KB (+N4F0C) 168,046-1151-73-23- B WB91VR (+K6BB) 25,376- 208-61-10- B	17,952-176-51-9-A West Indies  NP4A (K12H,opr) 361,416-2442-74-24-B  5 Arkansas  N5DX (K8CC,opr) 182,040-1230-74-18-B KA5FZM 47,610-345-69-16-B WB5EET 1200-30-20-4-A WA5TCL (*K5CO,KA5s ETD,PHI, N5DZQ,WA5ZGI)	Oklahoma  KM5H 137,240-940-73-24-A W7FC 112,480-760-74-11-B K05BJ 73,438-503-73-18-A K65ZQ 17,172-159-54-6-A KC4WQ 3100-50-31-2-A N5EST 140-10-7-1-B K5CM (+N5s CC,KW) 227,032-1534-74-24-B  K5RC (K5CN,opr) 230,288-1556-74-24-B	W6NXB 8700-87-50-10-A M60XX 98-7-7-2-A A160 (+M5PA,KE6EL) 229,316-1617-74-24-B WB6BIM (+KA6s,SHL,SOP,N6s DWR,CDE,CP2,TYO,MA6UYB) 96,600-690-70-21-B  Crange  K6JQL 56,880-395-72-24-A A16E 47,436-354-67-10-A MC6U 31,488-246-64-8-A WA6CFR 29,232-232-63-15-A ND6U (+AC6L,K6KUB,KB6TH,WB6s SKE,WAL) 175,528-1186-74-24-B N6AWF (+KE6JS, N6s CYL,DJX,DJW,ECA,PBT,FMD,RJ,WA6s JBR,JBT,WBG(KB)	WZKVA/6 117, 384 - 804 - 73 - 22 - B WAGDIS 89, 176 - 628 - 71 - 18 - B WAGVNN 87, 984 - 611 - 72 - 20 - K KOWNN 84, 672 - 588 - 72 - 18 - B WGTKF 82, 644 - 582 - 71 - 15 - K KD6LB 76, 020 - 543 - 70 - 19 - B KAGV 45, 962 - 343 - 67 - 14 - B WAGIJZ 21, 842 - 163 - 67 - 8 - A WAGIJZ 21, 842 - 163 - 67 - 8 - A WAGIJZ 21, 842 - 163 - 67 - 8 - A KAGC 14, 000 - 125 - 56 - 9 - B AGAGB 4100 - 50 - 41 - 4 - A KAGCKU 3904 - 61 - 32 - 2 - A KAGL (+KAGEFC, KDGCX) 86, 940 - 621 - 70 - 15 - B WAGIJX (KCGAB, KAGVW, KDGZM, KEGLO, NGS BED, DHU, CAU, WGS RDY, ZZN, Oprs)
South Carolina  K4AD1 51,552- 358-72-16- A AE4Y 31,616- 247-64- 7- B  Southern Florida  N4BP 181,152-1224-74-21- B WA4FSP 92,648- 626-74-24- A WA4F1B 58,546- 401-73-21- A W4PZV 22,484- 154-73-17- A W4LEP 1512- 27-28- 4- B W2HAE 1160- 29-20- 2- A N4KB 756- 21-18- 2- A N4Y4F (+N4FOC) 168,046-1151-73-23- B WB91VR (+KG8B) 25,376- 208-61-10- B KA4BVJ (+WDÁNSA)	17,952-176-51-9-A West Indies  NP4A (K1ZM,opr) 361,416-2442-74-24-B  5 Arkansas  N5DX (K8CC,opr) 182,040-1230-74-18-B KA5FZM 47,610-345-69-16-B WB5EET 1200-30-20-4-A WA5TCL (*K5CO,KA5s ETD,PHI, N5DZQ,WA5ZGL) 192,992-1304-74-74-B	Oklahoma  KM5H 137,240-940-73-24-A W7FC 112,480-760-74-11-B K05BJ 73,438-503-73-18-A K652Q 17,172-159-54-6-A KC4NQ 3100-50-31-2-A N5EST 140-10-7-1-B K5CM (+N5s CC,KW) 227,032-1534-74-24-B  K5RC (K5CN,opr) 230,288-1556-74-24-B N5JJ 223,184-1508-74-24-B N5JJ 223,184-1508-74-24-B K5K5 (21,852-1699-74-24-B	W6NXB 8700-87-50-10-A M60XX 98-7-7-2-A A360 (+M5PA,KE6EL) 229,316-1617-74-24-B WB6BIM (+KA6s,SHL,SOP,N6s DWR,CDE,CP2,TYO,WA6UYB) 96,600-690-70-21-B  COPINGE  K6JQL 56,880-395-72-24-A A16E 47,436-354-67-10-A MC6U 31,488-246-64-8-A WA6CFR 29,232-232-63-15-A ND6U (+AC6L,K6RUB,KB6TH, WB6s SKE,WAJ) 175,528-1186-74-24-B N6AWF (+KE6JS, N6s CYL,DJX, DJW,ECA,PBT,FMD,RJ,WA6s JBR, JBT,WB6QKB) 167,240-1130-74-23-B N6ECC (+W6RII)	WZKVA/6 117, 384 - 804 - 73 - 22 - B WAGDUS 89, 176 - 628 - 71 - 18 - B WAGVNN 87, 984 - 611 - 72 - 20 - A KGVMN 84, 672 - 588 - 72 - 18 - B WGTKF 82, 644 - 582 - 71 - 15 - A KD6LB 76, 962 - 343 - 67 - 14 - B WAGSUZ 21, 842 - 163 - 67 - 8 - A NMGU 14, 976 - 144 - 52 - 10 - A KD6CN 14, 907 - 125 - 56 - 9 - B AA6B 4100 - 50 - 41 - 4 - A KAGCKU 3904 - 61 - 32 - 2 - A KAGL (*KAGEFC, KDGQX) - 621 - 70 - 15 - B WAGLAX (*KGCAB, KAGVW, KDGZM, KEGLO, NGS *BD, DRU, GAU, WGS *RDY, ZZN, oprs) - 69, 440 - 496 - 70 - 20 - B Santa Clara Valley NGBV 273, 208 - 1846 - 74 - 24 - B
South Carolina   K4AD1	17,952-176-51-9-A West Indies  NP4A (K1ZM,opr) 361,416-2442-74-24-B  5 Arkansas  N5DX (K8CC,opr) 182,040-1230-74-18-B KA5FZM 47,610-345-69-16-B WB5EET 1200-30-20-4-A WA5TCL (*K5CO,KA5s ETD,PHI, N5DZQ,WA5ZGL) 192,992-1304-74-74-B	Oklahoma  KM5H 137, 240 - 940 - 73 - 24 - A W7FC 112, 480 - 760 - 74 - 11 - B KD5BJ 73, 438 - 503 - 73 - 18 - A KC4WQ 3100 - 50 - 31 - 2 - A N5EST 140 - 10 - 7 - 1 - B K5CM (*N5 x CG, KW) 227, 032 - 1534 - 74 - 24 - B  Southern Texas  K5RC (K5CN, opr) 230, 288 - 1556 - 74 - 24 - B N5JJ 223, 184 - 1508 - 74 - 24 - B N5JJ 223, 184 - 1508 - 74 - 24 - B N5SR 214, 896 - 1452 - 74 - 24 - B N5SR 214, 896 - 1452 - 74 - 24 - B N5SR 210, 752 - 1242 - 74 - 24 - B	W6NXB 8700-87-50-10-A M60XX 98-7-7-2-A A160 (+M5PA,KE6EL) 229,316-1617-74-24-B W86BIM (+KA6e,SNL,SOP,N6s) DWR,GDE,GPZ,TYO,MAGUYB) 96,600-690-70-21-B  COrange  K6JQL 56,880-395-72-24-A A16E 47,436-354-67-10-A NC6U 31,488-246-64-8-A NC6U 31,488-246-64-8-A KG0F/6 10,368-72-72-13-A ND6U (+AC6L,K6RUB,KB6TH, WB6s SKE,WA1) 175,528-1186-74-24-B N6AWF (+KE6JS, N6s CYL,DJX, DJW,ECA,PBT,FMD,RJ,WA6s JBR, JBT,WB6QKB) 167,240-1130-74-2-3-B	WZWA/6 117, 384 - 804 - 73 - 22 - B WAGDUS 89, 176 - 628 - 71 - 18 - B WAGVNN 87, 984 - 611 - 72 - 20 - A KGVMN 84, 672 - 588 - 72 - 18 - B WGTKF 82, 644 - 582 - 71 - 15 - A KD6LB 76, 962 - 343 - 67 - 14 - B WAGSUZ 21, 842 - 163 - 67 - 8 - A NHGU 14, 976 - 144 - 52 - 10 - A KD6CM 304 - 61 - 32 - 2 - A KAGCK U 3904 - 61 - 32 - 2 - A KAGCK U 486 - 860 - 804 - 807 -
South Carolina  K4AD1 51,552- 358-72-16- A AE4Y 31,616- 247-64- 7- B  Southern Florida  N4BP 181,152-1224-74-21- B WA4FSP 92,648- 626-74-24- A W4PZV 22,484- 154-73-17- A W4LEP 1512- 27-28- A W4LEP 1512- 27-28- B W2HAE 160- 29-20- 2- A N4KB 160- 29-20- 2- A W4YF (+N4FOC) 168,046-1151-73-23- B WB91VR (+K6B) 25,376- 208-61-10- B KA4BVJ (+W0ANSA) 10,080- 105-48-10- A	17,952-176-51-9-A West Indies  NP4A (K1ZM,opr) 361,416-2442-74-24-B  5  Arkansas  N5DX (K8CC,opr) 182,040-1230-74-18-B WA5FZM 47,610-345-69-16-B WB5EET 1200-30-20-4-A WA5TCL (*K5CQ,KA5S ETD,PHI, N5DZQ,WA5ZCI) 192,992-1304-74-24-B KY5M (*AD5M, KA5S KND,NI,Y, KB5QL,KSSM, KDSLA, N5S CNA, ERP, WA5VUT,WB5S GFA,LRP, WD5BIV)	Oklahoma  KM5H 137,240- 940-73-24- A W7FC 112,480- 760-74-11- B KD5BJ 73,438- 503-73-18- A KB52Q 17,172- 159-54- 6- A KC4WQ 3100- 50-31- 2- A H56ST 140- 10- 7- 1- B K5CM (*N5s CC,KW) 227,032-1534-74-24- B  Southern Texas  K5RC (K5CN,opr) 230,288-1556-74-24- B N5JJ 223,184-1508-74-24- B N5JJ 823,184-1508-74-24- B K5LZ 21,852-1499-74-24- B K5LZ 21,852-1499-74-24- B K5LZ 21,852-1499-74-24- B K5LZ 21,852-1499-74-24- B K5LZ 21,872-1424-74-24- B K5LZ 21,872-1424-74-24- B K5LZ 21,872-1424-74-24- B	W6NXB 8700- 87-50-10- A W6OXX 98- 7-7-2- A A A 60 (+M5PA, KE6EL) 239, 316-1617-74-24- B W56BIM (+KA68, SNL, SOP, N6s) 96,600- 690-70-21-B Orange  K6JQL 56,880- 395-72-24- A A 16E 47,436- 354-67-10- A C C C C C C C C C C C C C C C C C C	WZKVA/6 117, 384 - 804 - 73 - 22 - B WAGDUS 89, 176 - 628 - 71 - 18 - B WAGVNN 87, 984 - 611 - 72 - 20 - A K6VMN 84, 672 - 588 - 72 - 18 - B WGTKF 82, 644 - 582 - 71 - 15 - A KD6LB 76, 020 - 543 - 70 - 19 - B KA6V 45, 962 - 343 - 67 - 14 - B WA61JZ 21, 842 - 163 - 67 - 8 - A WA61JZ 21, 842 - 163 - 67 - 8 - A KM6U 14, 976 - 144 - 52 - 10 - A KD6CN 14, 000 - 125 - 56 - 9 - B KA6KU 3904 - 61 - 32 - 2 - A KA6L (-KA6EPC, KD6CX) 86, 940 - 621 - 70 - 15 - B WA61AX (K6CAB, KAGVW, KD6ZM, KE6LO, N6s BED, DHU, CAU, W6s RDY, ZZN, oprs)  Santa Clara Valley N6BV 273, 208 - 1846 - 74 - 24 - B K6HNZ 206, 016 - 139 - 74 - 24 - B K6HNZ 206, 016 - 139 - 74 - 24 - B K6HNZ 12, 924 - 763 - 74 - 19 - B K6MM 112, 924 - 763 - 74 - 19 - B K6MM 112, 924 - 763 - 74 - 19 - B K6MM 112, 924 - 763 - 74 - 19 - B
South Carolina   K4AD1	17,952-176-51-9-A  West Indies  NP4A (K12M,opr) 361,416-2442-74-24-B  5  Arkansas  N5DX (K8CC,opr) 182,040-1230-74-18-B KA5FZM 47,610-345-69-16-B M85EET 1200-30-20-4-A MA5TCL (*K5GO,KA5s ETD,PHI, N5DZQ,M5ZGI) 192,992-1304-74-24-B KY5M (+ADSM, KA5s KND,NIY, KB5QL, KC5WJ, KD5LL, N5s CMA, ERP, MA5VVT, WB5S CFA, LRP,	Columbo   Colu	W6NXX 8 8700- 87-50-10- A W6OXX 98- 7-7-2- A AJ60 (+M5PA,KE6EL) 239,316-1617-74-24- B W56BLM (+KA68,SNL,SOP,N6s DWR,CDE,CPZ,TYO,MAGUYB) 96,600- 690-70-21-B  Orange  K6JQL 56,880- 395-72-24- A AJ6E 47,436- 354-67-10- A COGU 31,488- 246-64-8- A COGU 31,508- 32-32-63-10-13- A ND6U (+AC6L,K6RUB,KB6TH,WB6S SKE,WAJ) 175,528-1186-74-24- B N6AWF (+KE6JS,N6S CYL,DJX,DJW,ECA,FBT,FMD,RJ,WA6S JBR,JBT,WB6QKB) 167,240-1130-74-23- B N6ECC (+W6RII) 142,524-963-74-24- B K6HRT (+N6BLIB) 122,546-863-71-23- B KE6IU (+KA6S,HWY,RRA,RUX,TJJ UKL,UKM,N6S,FPH,FSK)	WZVA/6 117, 384 - 804 - 73 - 22 - B WAGDUS 89, 176 - 628 - 71 - 18 - B WAGVNN 87, 984 - 611 - 72 - 20 - A K6VMN 84, 672 - 888 - 72 - 18 - B WGTKF 82, 644 - 582 - 71 - 15 - A KDELB 76, 620 - 543 - 70 - 19 - B KAGV 45, 962 - 343 - 67 - 14 - B WAG1JZ 21, 842 - 163 - 67 - 8 - A WAG1JZ 21, 842 - 163 - 67 - 8 - A KMGU 14, 976 - 144 - 52 - 10 - A KDGCN 14, 000 - 125 - 56 - 9 - B AAGBB 4100 - 50 - 41 - 4 - A KAGCKU 3904 - 61 - 32 - 2 - A KAGCKU 3904 - 61 - 32 - 2 - A KAGL (*KAGEFC, KDGCX)  86, 940 - 621 - 70 - 15 - B WAG1AX (KGCAB, KAGVW, KDGZM, KEGLO, NGS BED, DHU, CAU, WGS RDY, ZZN, oprs)  Santa Clara Valley  NGBV 273, 208 - 1846 - 74 - 24 - B KGHNZ 206, 016 - 139 - 74 - 24 - B KGHNZ 12, 924 - 763 - 74 - 19 - B NGAUV 90, 576 - 629 - 72 - 24 - B NGMF 85, 104 - 591 - 72 - 11 - A NGKL 57, 888 - 402 - 72 - 18 - A
South Carolina  K4AD1 51,552- 358-72-16- A AE4Y 31,616- 247-64- 7- B  Southern Florida  N4BP 181,152-1224-74-21- B W44F5P 92,648- 626-74-24- A W44F1B 58,546- 401-73-21- A W41EP 1512- 27-28- 4- B W2HAE 1160- 29-20- 2- A N4KB 756- 21-18- 2- A N4Y4F (+N4F0C) 168,046-1151-73-23- B W491VR (+KG&B) 25,376- 208-61-10- B KA4BVJ (+WD4NSA) 10,080- 105-48-10- A N4FZH (+KB4CDH) 10,032- 114-44- 3- A  Tennessee	17,952-176-51-9-A West Indies  NP4A (K12M,opr) 361,416-2442-74-24-B  5 Arkansas  N5DX (K8CC,opr) 182,040-1230-74-18-B KA5FZM 47,610-345-69-16-B M85EET 1200-30-20-4-A MA5TCL (+K5GO,KA5s ETD,PHI, N5DZQ,M5ZGI) 192,992-1304-74-24-B KY5M (+AD5M, KA5s KND,NLY, KB5QL,KC5WJ,KD5LLA,N5s CMA, ERP, MA5VYT,WB5 CFA,LRP, WD5BIV) 104,860-749-70-24-B	Columbora   Colu	W6NXX	WZKVA/6 117, 384 - 804 - 73 - 22 - B WAGDUS 89, 176 - 628 - 71 - 18 - B WAGVNN 87, 984 - 611 - 72 - 20 - A K6VMN 84, 672 - 588 - 72 - 18 - B WGTKF 82, 644 - 582 - 71 - 15 - A KD6LB 76, 020 - 543 - 70 - 19 - B KA6V 45, 962 - 343 - 67 - 14 - B WA61JZ 21, 842 - 163 - 67 - 8 - A WA61JZ 21, 842 - 163 - 67 - 8 - A KA6L 14, 000 - 125 - 56 - 9 - B AA6BB 4100 - 50 - 41 - 4 - A KA6CKU 3904 - 61 - 32 - 2 - A KA6CKU 3904 - 61 - 32 - 2 - A KA6L (+KA6EFC, KD6GX)  86, 940 - 621 - 70 - 15 - B WA61AX (K6CAB, KA6VBW, KD6ZM, KE6LO, NGS BED, DHU, CAU, WGS RDY, ZZN, oprs)  Santa Clara Valley  N6BV 273, 208 - 1846 - 74 - 24 - B K6HA 112, 924 - 763 - 74 - 19 - B N6MF 85, 104 - 591 - 72 - 11 - A K6KU 36, 494 - 257 - 71 - 12 - A K6VGW 36, 494 - 257 - 71 - 12 - A
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South Carolina  K4AD1 51,552- 358-72-16- A AE4Y 31,616- 247-64- 7- B  Southern Florida  NABP 181,152-1224-74-21- B WA4FSP 92,648- 626-74-24- A W4AFSP 92,648- 626-74-24- A W4PZV 22,484- 154-73-17- A W4LEP 1512- 27-28- 4- B W2HAE 160- 29-20- 2- A N4KB 160- 29-20- 2- A N4KB 160- 29-20- 2- A N4KB 160- 105-20- 10- B KA4BVJ (+WAFOC) 1- 18- 2- A WB91VR (+KGB) 25,376- 208-61-10- B KA4BVJ (+WAFOC) 10,080- 105-48-10- A N4FZH (+KB4CDH) 10,032- 114-44- 3- A  Tennessee  NA4K 152,132-1042-73-17- B W40GC 56,940- 390-73-12- B W40GC 56,940- 390-73-12- B W40GC 56,940- 390-73-12- B	17,952- 176-51- 9- A West Indies  NP4A (K12M,opr) 361,416-2442-74-24- B  5 Arkansas  NSDX (K8CC,opr) 182,040-1230-74-18- B KA5FZM 47,610- 345-69-16- B MB5EET 1200- 30-20- 4- A MA5TCL (+KSGO,KA5s ETD,PHI, N5DZQ,MSZGCI) 192,992-1304-74-24- B KYSM (+ADSM, KA5s KND,NLY, KBSQL,KCSMJ,KDSLL,NSS CRA,LRP, WDSBIV) 104,860- 749-70-24- B  Louisiana  WSWMU 256,336-1732-74-24- B	Columbo   Colu	W6NXB 8 7.00- 87-50-10- A M60XX 98- 7-7-2- A A160 (+M5PA, KE6EL) 229, 316-1617-74-24- B M86B1M (+KA6a, SHL, SOP, N6s DWR, GDE, GPZ, TYO, MA6UYB) 96, 600- 690-70-21-B  Orange  K6JQL 56, 880- 395-72-24- A A16E 47, 436- 354-67-10- A NC6U 31, 488- 246-64- 8- A NC6U 51, 528- 186-74-72-13- A ND6U (+AC6L, K6RUB, KB6TH, WB6s SKE, WA1) JBT, M66QKB), AM6S JBR, JBT, M66CC (+K681L)  122, 546- 863-71-23- B K66HT (+NGBLII) UKL, UKM, M6S, FPM, FK), W6ESA (+KA6S, ART, OPO, N6DBF, WD6CSH)  54, 912- 416-66-24- A	WZKVA/6 117, 384 - 804 - 73 - 22 - B WAGDUS 89, 176 - 628 - 71 - 18 - B WAGVNN 87, 984 - 611 - 72 - 20 - A K6VMN 84, 672 - 588 - 72 - 18 - B WGTKF 82, 644 - 582 - 71 - 15 - A KD6LB 76, 020 - 543 - 70 - 19 - B KA6V 45, 962 - 343 - 67 - 14 - B WA61JZ 21, 842 - 163 - 67 - 8 - A WA61JZ 21, 842 - 163 - 67 - 8 - A WA61JZ 21, 842 - 163 - 67 - 8 - A WA6LZ 21, 842 - 163 - 67 - 8 - A WA6CN 14, 000 - 125 - 56 - 9 - B AA6BB 4100 - 50 - 41 - 4 - A KA6CKU (*KA6EFC, KD6CX)  86, 940 - 621 - 70 - 15 - B WA61AX (*K6CAB, KA6VBW, KD6ZM, KE6LO, NGS BED, DNU, CAU, W6S RDY, ZZN, oprs)  Santa Clara Valley  NGBV 273, 208 - 1846 - 74 - 24 - B KGHNZ 206, 016 - 1392 - 74 - 24 - B KGHNZ 206, 016 - 1392 - 74 - 24 - B KGHNZ 206, 016 - 1392 - 74 - 24 - B KGHNZ 12, 924 - 763 - 74 - 19 - B NGAUV 90, 576 - 629 - 72 - 24 - B NGKL 57, 888 - 402 - 72 - 11 - A KGVCW 36, 494 - 257 - 71 - 12 - A WA6OCV 35, 980 - 257 - 70 - 5 - B WB6VAL 31, 408 - 261 - 64 - 17 - A KF6AB 31, 964 - 626 - 61 - 11 - A W6OKK 16, 520 - 140 - 59 - 4 - A AA6PZ 13, 640 - 155 - 44 - 24 - B
South Carolina  K4AD1 51,552- 358-72-16- A AE4Y 31,616- 247-64- 7- B  Southern Florida  NABP 181,152-1224-74-21- B WA4FSP 92,648- 626-74-24- A WA4F1B 58,546- 401-73-21- A W4PZV 22,484- 152- 27-28- 4- B W2HAE 160- 29-20- 2- A W4LEP 1512- 27-28- A W4F (+N4FOC) 168,046-1151-73-23- B WB91VR (+KGB) 25,376- 208-61-10- B KA4BVJ (+WAFOC) 10,080- 105-48-10- A N4FZH (+KB4CDH) 10,032- 114-44- 3- A  Tennessee  NA4K 152,132-1042-73-17- B W40CC 56,940- 390-73-12- B W40SFX 152,132-1042-73-17- B W40CC 56,940- 390-73-12- B W40SFX 47,952- 333-72-17- A WB45FX 79,52- 333-72-17- A	17,952-176-51-9-A  West Indies  NP4A (K12M,opr) 361,416-2442-74-24-B  5  Arkansas  N5DX (K8CC,opr) 182,040-1230-74-18-B KA5FZM 47,610-345-69-116-B M85EET 1200-30-20-4-A MA5TCL (*K5GO,KA5s ETD,PHI, N5DZQ,M45ZGI) 192,992-1304-74-24-B KY5M (+AD5M, KA5s KND,NIV, KB5QL, KC5WJ, KD5LLA, N5s CRA, ERP, WD5BIV) 104,860-749-70-24-B  Louisiana  W5WMU 256,336-1732-74-24-B N5ATW 79,530-545-73-21-A W5WG 48.564-342-71-22-A	Columbo	W6NXB 8700-87-50-10-A M6OXX 98-7-7-2-A A160 (+M5PA, KE6EL) 229,316-1617-74-24-B WB6BIM (+KA6e, SML, SOP, N6s DWR, CDE, CPZ, TYO, MA6UYB) 96,600-690-70-21-B  COMME  K6JQL 56,880-395-72-24-A A16E 47,436-354-67-10-A A16E 47,436-354-67-10-A MA6CFR 29,232-232-63-15-A MA6CFR 10,368-72-72-13-A ND6U (+AC6L, K6KUB, KB6TH, WB6s SKE, WAJ) 175,528-1186-74-24-B M6AWF (+KE6JS, N6s CYL,DJX, DJW, ECA, PBT, FMD, RJ, WA6s JBR, JBT, WB6QKB) N6ECC (+W6RII) 142,524-963-74-24-B K6HRI (+K86JHW, KRA, RUX, TJJ UKL, UKM, N6s, FPN, FSK) K661U (+KA6s HWV, RRA, RUX, TJJ UKL, UKM, N6s, FPN, FSK) 69,012-486-71-22-A W6ESA (+KA6s, ART, OFO, N6DBF,	WZNA/6 117, 384 - 804 - 73 - 22 - B WAGDUS 89, 176 - 628 - 71 - 18 - B WAGVNN 87, 984 - 611 - 72 - 20 - A K6VMN 84, 672 - 588 - 72 - 18 - B WGTKF 82, 644 - 582 - 71 - 15 - A WGTKF 82, 644 - 582 - 71 - 15 - A WGTKF 82, 644 - 582 - 71 - 15 - A WGTKF 82, 644 - 582 - 71 - 15 - A WGTKF 82, 644 - 582 - 71 - 15 - A WGTKF 82, 644 - 582 - 10 - A WGTKF 82, 644 - 582 - 10 - A WGTK 14, 976 - 144 - 52 - 10 - A WGTK 14, 976 - 144 - 52 - 10 - A WGTK 14, 976 - 144 - 52 - 10 - A WGTK 130 - 61 - 32 - 2 - A WAGLU 3904 - 61 - 32 - 2 - A WGTK 14, 0976 - 61 - 32 - 2 - A WGTK 14, 0976 - 62 - 70 - 15 - B WGTK 14, 0976 - 62 - 70 - 15 - B WGTK 14, 0976 - 62 - 70 - 20 - B  SANTA CTATA VAILEY  NGBV 273, 208 - 1846 - 74 - 24 - B WGTK 12, 924 - 763 - 74 - 19 - B WGTK 12, 924 - 763 - 74 - 19 - B WGTK 14, 976 - 62 - 72 - 24 - B WGTK 15, 888 - 402 - 72 - 11 - A WGTK 15, 888 - 402 - 72 - 11 - A WGTK 15, 980 - 257 - 70 - 5 - B WGTK 16, 13, 640 - 155 - 44 - 24 - B WGTK 16, 13, 640 - 155 - 44 - 24 - B WGTK 13, 640 - 155 - 44 - 24 - B WGTK 13, 640 - 155 - 44 - 24 - B WGTK 13, 640 - 155 - 44 - 24 - B WGTK 13, 640 - 155 - 44 - 24 - B WGTK 13, 640 - 155 - 44 - 24 - B WGTK 17, 18, 18, 19, 18, 18, 18, 18, 18, 18, 18, 18, 18, 18
South Carolina  K4AD1 51,552- 358-72-16- A AE4Y 31,616- 247-64- 7- B  Southern Florida  NABP 181,152-1224-74-21- B WA4FSP 92,648- 626-74-24- A W4PZP 1512- 27-28- 4- B W2HAE 1512- 27-28- 4- B W2HAE 160- 29-20- 2- A W4KEP 1512- 39-20- 2- A W4KEP 168,046-1151-73-23- B WB91VR (+N4FOC) 168,046-1151-73-23- B WB91VR (+KGB) 10,080- 105-48-10- A N4FZH (+KB4CDH) 10,032- 114-44- 3- A  Tennessee  NA4K 152,132-1042-73-17- B W40CG 56,940- 390-73-12- B W40GC 56,940- 390-73-12- B	17,952- 176-51- 9- A West Indies  NP4A (K12M,opr) 361,416-2442-74-24- B  5  Arkansas  N5DX (K8CC,opr) 182,040-1230-74-18- B KA5FZM 47,610- 345-69-16- B W85EET 1200- 30-20- 4- A WA5TCL (*K5C0,KA5s ETD,PHI, N5DZQ,WA5ZCI) 192,992-1304-74-24- B KY5M (*AD5M, KA5s KND,NI,Y, KB5QL,KSSM, XBCL, MSS CRA, ERP, WJ5BIV) 104,860- 749-70-24- B  Louisiana  W5MMU 256,336-1732-74-24- B N5ATW 79,530- 545-73-21- A	Columbo	W6NXB 8700-87-50-10-A M6OXX 98-7-7-2-A A160 (+M5PA,KE6EL) 229,316-1617-74-24-B WB6BIM (+KA68,SML,SOP,N6s DWR,CDE,CP2,TYO,MA6UYB) 96,600-690-70-21-B  COPING  C	WZKVA/6 117, 384 - 804 - 73 - 22 - B WAGDUS 89, 176 - 628 - 71 - 18 - B WAGVNN 87, 984 - 611 - 72 - 20 - A K6VMN 84, 672 - 588 - 72 - 18 - B WGTKF 82, 644 - 582 - 71 - 15 - A WGTKF 82, 644 - 582 - 71 - 15 - A KD6LB 76, 962 - 343 - 67 - 14 - B WAGS 12 21, 842 - 163 - 67 - 8 - A NHGU 14, 976 - 144 - 52 - 10 - A KD6CN 14, 900 - 125 - 56 - 9 - B AA6BB 4100 - 50 - 41 - 4 - A KA6CKU 3904 - 61 - 32 - 2 - A KA6CK U 3904 - 61 - 32 - 2 - A KA6CK U 3904 - 61 - 32 - 2 - A KA6CK U 3904 - 61 - 32 - 2 - A KA6CK U 3904 - 61 - 32 - 2 - A KA6CK U 3904 - 61 - 32 - 2 - A KA6CK U 3904 - 61 - 32 - 2 - A KA6CK U 3904 - 61 - 32 - 2 - A KA6CK U 3904 - 61 - 32 - 2 - A KA6CK U 3904 - 61 - 32 - 2 - A KA6CK U 3904 - 61 - 32 - 2 - A KA6CK U 3904 - 61 - 32 - 2 - A KA6CK U 3904 - 61 - 32 - 2 - A KA6CK U 3904 - 61 - 32 - 2 - A KA6CK U 3904 - 61 - 32 - 2 - A KA6CK U 3904 - 61 - 32 - 2 - A KA6CK U 3904 - 62 - 70 - 15 - B WA61AX (K6CAB, KA6VRW, KD6ZM, KEGLO, N6S BBD, DRU, CAU, W6S RDY, ZZN, oprs)  69, 440 - 496 - 70 - 20 - B  Santa Clara Valley  N6BV 273, 208 - 1846 - 74 - 24 - B K6HNZ 206, 016 - 1392 - 74 - 24 - B K6HM 112, 924 - 763 - 74 - 19 - B N6AU 90, 576 - 629 - 72 - 24 - B N6KU 57, 888 - 402 - 72 - 11 - A K6VGW 36, 494 - 257 - 71 - 12 - A WA6OKK 15, 980 - 257 - 70 - 5 - B WB6VAL 13, 460 - 155 - 44 - 24 - B N6RZ 13, 460 - 155 - 44 - 24 - B N6RZ 10, 658 - 73 - 73 - 12 - A WA6ACZP 4156 - 81 - 38 - 8 WB6AAL 5624 - 76 - 37 - 7 - A
South Carolina  K4AD1 51,552- 358-72-16- A AE4Y 31,616- 247-64- 7- B  Southern Florida  N4BP 181,152-1224-74-21- B W44FSP 92,648- 626-74-24- A W44F1B 58,546- 401-73-21- A W41EP 1512- 27-28- 4- B W2HAE 1160- 29-20- 2- A W4KB 756- 21-18- 2- A W4KB 756- 21-18- 2- A W4KB (+KAGB) 25,376- 208-61-10- B KA4BVJ (+WDANSA) 10,080- 105-48-10- A W4FZH (+KB4CDH) 10,032- 114-44- 3- A  Tennessee  NA4K 152,132-1042-73-17- B W4OGC 56,940- 390-73-12- B W14M 55,648- 376-74-16- A W4SFX 47,952- 333-72-17- A KD4PP 33,396- 253-66- 8- A W4AZZU 27,876- 202-69- 9- A WA4ZZU 27,876- 202-69- 9- A WA4ZZU 27,876- 120-64- 15- A W4XSO 9200- 100-64- 3- A	17,952- 176-51- 9- A West Indies  NP4A (K12M,opr) 361,416-2442-74-24- B  5 Arkansas  N5DX (K8CC,opr) 182,040-1230-74-18- B KA5FZM 47,610- 345-69-16- B W85EET 1200- 30-20- 4- A W85TCL (*K5CO,KA5s ETD,PHI, N5DZQ,WA5ZCI) 192,992-1304-74-24- B KY5M (+ADSM, KA5s KND,NI,Y, KB5QL,KC5WJ,KD5LA,N5s CNA, ERP, WA5VUT,WB5s GFA,LRP, WD5BIV) 104,860- 749-70-24- B  Louisiana  WSWMU 256,336-1732-74-24- B N5ATW 79,530- 545-73-21- A WSWC 48,364- 342-71-22- A NSFIY 11,400- 114-50- 8- A	Columbo   Colu	W6NXB 8700-87-50-10-A M6OXX 98-7-7-2-A A160 (+M5PA,KE6EL) 229,316-1617-74-24-B WB6BIM (+KA68,SML,SOP,N6s DWR,CDE,CP2,TYO,MA6UYB) 96,600-690-70-21-B  COPING  C	WZVNA/6 117, 384 - 804 - 73 - 22 - B WAGDUS 89, 176 - 628 - 71 - 18 - B WAGVNN 87, 984 - 611 - 72 - 20 - A K6VMN 84, 672 - 588 - 72 - 18 - B WGTKF 82, 644 - 582 - 71 - 15 - A WGTKF 82, 644 - 582 - 71 - 15 - A WGTKF 82, 644 - 582 - 71 - 15 - A WGDLB 476, 202 - 543 - 76 - 71 - B WAGS 12 21, 842 - 163 - 67 - 8 - A NHGU 14, 976 - 144 - 52 - 10 - A KD6CN 14, 900 - 125 - 56 - 9 - B AA6BB 4100 - 50 - 41 - 4 - A KAGCW 3904 - 61 - 32 - 2 - A KAGCW 3904 - 61 - 32 - 2 - A KAGL (*KAGEFC, KDGQX) KEGLO, NGS BED, DHU, CAU, WGS RDY, ZZN, oprs) 69, 440 - 496 - 70 - 20 - B  Santa Ctara Valley  NGBV 273, 208 - 1846 - 74 - 24 - B KGHAU 90, 576 - 629 - 72 - 24 - B KGHAU 90, 576 - 629 - 72 - 24 - B KGWA 112, 924 - 763 - 74 - 19 - B NGAU 90, 576 - 629 - 72 - 24 - B KGVW 36, 494 - 257 - 71 - 12 - A WAGOKU 37, 888 - 402 - 72 - 112 - A WAGOKU 33, 408 - 261 - 64 - 17 - A KFGAB 31, 964 - 262 - 61 - 11 - A KFGAB 31, 964 - 262 - 61 - 11 - A KFGAB 11, 964 - 262 - 61 - 11 - A KGGKI 4896 - 72 - 34 - 2 - A NGXI 4896 - 72 - 34 - 2 - A NGXI 4896 - 72 - 34 - 5 - A
South Carolina   K4ADI	17,952-176-51-9-A  West Indies  NP4A (K12M,opr) 361,416-2442-74-24-B  5  Arkansas  N5DX (K8CC,opr) 182,040-1230-74-18-B KA5FZM 47,610-345-69-116-B M85EET 1200-30-20-4-A MA5TCL (*K5GO,KA5s ETD,PHI, N5DZQ,M45ZGI) 192,992-1304-74-24-B KY5M (+AD5M, KA5s KND,NIV, KB5QL, KC5WJ, KD5LLA, N5s CRA, ERP, WD5BIV) 104,860-749-70-24-B  Louisiana  W5WMU 256,336-1732-74-24-B N5ATW 79,530-545-73-21-A W5WG 48.564-342-71-22-A	Columbo	W6NXB 8 7.00~ 87-50-10~ A M6OXX 98~ 7-7-2~ A A160 (+M5PA, KE6EL) 229, 316-1617-74-24~ B M86B1M (+KA6a, SHL, SOP, N6s DWR, GDE, GPZ, TYO, MA6UYB) 96, 600~ 690-70-21-B  Orange  K6JQL 56, 880~ 395-72-24~ A A16E 47, 436~ 354-67-10~ A NC6U 31, 488~ 246-64~ 8~ A NC6U 51, 51, 51, 51, 51, 51, 51, 51, 51, 51,	WZVNA/6 117, 384 - 804-73-22- B WAGDUS 89, 176-628-71-18- B WAGVNN 87, 984-611-72-20- A K6VMN 84, 672-588-72-18- B WGTKF 82, 644-582-71-15- A WGTKF 82, 644-582-71-15- A KD6LB 76, 902-543-70-19- B KAGV 45, 962-343-67-14- B WAGS 12 21, 842-163-67- 8- A NMGU 14, 976-144-52-10- A KD6CN 14, 900-125-56- 9- B AA6BB 4100-50-41- 4- A KAGCKU 3904-621-70-15- B WAGLAX (KGCAB, KAGVRW, KDGZM, KKGLO, NGS BED, DHU, CAU, WGS RDY, ZZN, oprs) 69, 440-496-70-20- B  Santa Ctara Valley  NGBV 273, 208-1846-74-24- B KGHNZ 206, 016-1392-74-24- B KGHNZ 206, 016-1392-74-24- B KGHNZ 206, 016-1392-74-24- B KGHNZ 206, 016-1392-74-24- B KGMA 112, 924-763-74-19- B NGAUV 90, 576-629-72-24- B NGNF 85, 104-591-72-11- A KGVCW 36, 494-257-71-12- A WAGOKL 57, 888-402-72-18- A KGVCW 36, 494-257-71-12- A WAGOK 13, 3408-261-64-17- A KFGAB 31, 964-262-61-11- A KGOKA 16, 520-140-59- 4- A AA6PZ 13, 640-155-44-24- B NGRZ 10, 658-73-73-12- A WAGAZP 4896-72-34-2- A NGXI 4896-72-34-2- A KGURO NGBT (+WAGVEF)
South Carolina   K4ADI	17,952- 176-51- 9- A West Indies  NP4A (K1ZM,opr) 361,416-2442-74-24- B  5  Arkansas  NSDX (K8CC,opr) 182,040-1230-74-18- B KA5FZM 47,610-345-69-16- B WB5EET 1200- 30-20- 4- A WA5TCL (*KSOC, NAS & ETD, PHI, NSDZQ,WASZCI) 192,992-1304-74-24- B KYSM (*ADSM, KA5S KND, NI.Y, KB5QL,KCSWI, KDSLA, NS & CNM, ERP, WA5VUT,WB5s GFA,LRP, WD5BIV) 104,860- 749-70-24- B  Louisiana  WSMU 256,336-1732-74-24- B NSATW 79,530- 545-73-21- A WSWC 48,564- 342-71-22- A N5FIY 11,400- 114-50- 8- A  Mississippi  N5DSK 134,466- 921-73-17- B	Columbo	W6NXB	WZVNA/6 117, 384 - 804 - 73 - 22 - B WAGDUS 89, 176 - 628 - 71 - 118 - B WAGVNN 87, 984 - 611 - 72 - 20 - A K6VMN 84, 672 - 588 - 72 - 118 - B WGTKF 82, 644 - 582 - 71 - 15 - A WGTKF 82, 644 - 582 - 71 - 15 - A WGTKF 82, 644 - 582 - 71 - 15 - A WGDLB 76, 020 - 543 - 70 - 19 - B KAGV 45, 962 - 343 - 67 - 14 - B WAGLIZ 21, 842 - 163 - 67 - 8 - A NMGU 14, 976 - 144 - 52 - 10 - A KDECN 14, 000 - 125 - 56 - 9 - B AAGBB 4100 - 50 - 41 - 4 - A KAGCKU 3904 - 61 - 32 - 2 - A KAGCKU 3904 - 61 - 32 - 2 - A KAGCKU (KCAB, KAGYW, KDGZM, KEGLO, NGS BED, DHU, CAU, WGS RDY, ZZN, oprs)  Santa Clara Valley  NGBV 273, 208 - 1846 - 74 - 24 - B KGHNZ 206, 016 - 1392 - 74 - 24 - B KGHNZ 206, 016 - 1392 - 74 - 24 - B KGHNZ 12, 924 - 763 - 74 - 19 - B NGAUV 90, 576 - 629 - 72 - 24 - B NGKL 57, 888 - 402 - 72 - 18 - A KGVGW 36, 494 257 - 71 - 12 - A MGOKL 37, 808 - 257 - 70 - 5 - B WGEVAL 33, 408 267 - 71 - 12 - A WGOKK 16, 520 - 140 - 59 - 4 - A MGOKK 16, 520 - 140 - 59 - 4 - A MGOKK 16, 520 - 140 - 59 - 4 - A MGOKZ 10, 658 - 73 - 73 - 12 - A WGGAAJ 5624 - 76 - 37 - 73 - 12 - A WGGAAJ (4896 - 72 - 34 - 2 - A NGCI (+WAGVEF)  (*WAGVEF)  (*WAGVEF)
South Carolina   K4AD1	17,952- 176-51- 9- A  West Indies  NP4A (K1ZM,opr) 361,416-2442-74-24- B  5  Arkansas  NSDX (K8CC,opr) 182,040-1230-74-18- B KA5FZM 47,610-230-20- 4- A WA5TCL (*KSCO, KA5s ETD, PHI, N5DZQ, WA5ZCI) 192,992-1304-74-24- B  KY5M (*AD5M, KA5s KND, NI,Y, KB5QL, KSSM, NSLA, NSc KND, NSLY) 104,860- 749-70-24- B  Louisiana  W5MMU 256,336-1732-74-24- B N5ATW 79,530- 545-73-21- A W5MC 48,564- 342-71-22- A N5FIY 11,400- 114-50- 8- A  Mississippi  N5DSK 134,466- 921-73-17- B KV5F 18,040- 164-55-10- A N5CFU 18,020- 170-53-11- A	Columbors   Colu	W6NXB	WZVNA/6 117, 384 - 804 - 73 - 22 - B WAGDUS 89, 176 - 628 - 71 - 18 - B WAGVNN 87, 984 - 611 - 72 - 20 - A K6VMN 84, 672 - 588 - 72 - 18 - B WGTKF 82, 644 - 582 - 71 - 15 - B WGTKF 82, 644 - 582 - 71 - 15 - B WAGL 76, 962 - 343 - 67 - 14 - B WAGL 21, 842 - 163 - 67 - 8 - A NMGU 14, 976 - 144 - 52 - 10 - A KDECN 14, 900 - 125 - 56 - 9 - B AAGBB 4100 - 50 - 41 - 4 - A KAGCKU 9304 - 61 - 132 - 2 - A KAGCKU 9304 - 61 - 132 - 2 - A KAGCKU (*KAGEPC, KDGQX) REGLO, NGS BED, DNU, CAU, WGS RDY, ZZN, oprs)  Santa Clara Valley  NGBV 273, 208 - 1846 - 74 - 24 - B KGHNZ 206, 016 - 1392 - 74 - 24 - B KGHNZ 206, 016 - 1392 - 74 - 24 - B KGHNZ 206, 016 - 1392 - 74 - 24 - B KGHNZ 12, 924 - 763 - 74 - 19 - B NGAUV 90, 576 - 629 - 72 - 24 - B NGAUV 90, 576 - 629 - 72 - 24 - B NGAUV 36, 494 - 257 - 71 - 12 - A WGOKL 57, 888 - 402 - 72 - 11 - A NGKL 57, 888 - 402 - 72 - 11 - A NGKL 31, 408 - 261 - 64 - 17 - A KGOVO 36, 494 - 257 - 71 - 12 - A WGOKK 16, 520 - 140 - 59 - 4 - A MGACZP 10, 658 - 73 - 73 - 12 - A WGAGAZP 6156 - 81 - 38 - 8 A WGAGAZP 6156 - 81 - 38 - 8 A WGAGAZP (1586 - 81 - 38 - 8 A MGAGT (*WACVEY) 245, 134 - 1679 - 73 - 24 - B NGGT (*WACVEY) 197, 876 - 1337 - 74 - 24 - B NGGC (*WACVEY) 197, 876 - 1337 - 74 - 24 - B NGGC (*WACVEY) 197, 876 - 1337 - 74 - 24 - B NGGC (*WACVEY)
South Carolina   K4AD1	17,952- 176-51- 9- A  West Indies  NP4A (K12M,opr) 361,416-2442-74-24- B  5  Arkansas  NSDX (K8CC, opr) 182,040-1230-74-18- B KA5FZM 47,610- 345-69-16- B MB5EET 1200- 30-20- 4- A MA5TCL (+K5GO,KA5s ETD,PHI, N5DZO,WA5ZGI) 192,992-1304-74-24- B KY5M (+AD5M, KA5s KND,NLY, KB5QL,KC5MJ,KD5LA,N5s CRA, ERP, WA5VUT,WB5 CFA,LRP, WD5BIV) 104,860- 749-70-24- B  Louisiana  M5WMU 256,336-1732-74-24- B N5ATW 79,530- 545-73-21- A M5WG 48,564- 342-71-22- A N5FIY 11,400- 114-50- 8- A  Mississippi  N5DSK 134,466- 921-73-17- B KV5F 18,040- 164-55-10- A N5CFU 18,020- 170-53-11- A M5YD (KA5S AJF,107, MLY, NSR,	Columbors   Colu	W6NXB	WZVNA/6 117, 384 - 804 - 73 - 22 - B WAGDUS 89, 176 - 628 - 71 - 18 - B WAGVNN 87, 984 - 611 - 72 - 20 - A K6VMN 84, 672 - 588 - 72 - 18 - B WGTKF 82, 644 - 582 - 71 - 15 - B WGTKF 82, 644 - 582 - 71 - 15 - B WAGLES 84 - 676, 202 - 543 - 70 - 19 - B KAGV 45, 962 - 343 - 67 - 14 - B WAGLIZ 21, 842 - 163 - 67 - 8 - A NMGU 14, 976 - 144 - 52 - 10 - A KDECN 14, 900 - 125 - 56 - 9 - B AAGBB 4100 - 50 - 41 - 4 - A KAGCK 3904 - 61 - 32 - 2 - A KAGCK 3904 - 621 - 70 - 15 - B AAGB 86, 940 - 621 - 70 - 15 - B WAGLIX (KCCAB, KAGVW, KDEZM, KEGLO, NGS BED, DNU, CAU, WGS RDY, ZZN, oprs)  Santa Clara Valley  NGBV 273, 208 - 1846 - 74 - 24 - B KGHNZ 206, 016 - 1392 - 74 - 24 - B KGHNZ 206, 016 - 1392 - 74 - 24 - B KGHNZ 12, 924 - 763 - 74 - 19 - B NGAUV 90, 576 - 629 - 72 - 24 - B NGAUV 90, 576 - 629 - 72 - 24 - B NGAUV 90, 576 - 629 - 72 - 24 - B NGKL 57, 888 - 402 - 72 - 11 - A NGKL 57, 888 - 402 - 72 - 18 - A KGCOW 33, 308 - 257 - 70 - 5 - B WBGVAL 33, 408 - 261 - 641 - 7 - A WGOK 13, 980 - 257 - 70 - 5 - B WBGVAL 33, 408 - 261 - 641 - 7 - A WGOKE 13, 640 - 155 - 44 - 24 - B NGCZ 10, 658 73 - 73 - 12 - A NGGL 1886 41 - 23 - 5 - A NGGL (+WAGVEF)  AGGMC (+WAGVEF)  245, 134 - 1679 - 73 - 24 - B NGGY (190, WALLTJ, WAZBSH, WSZEN, WSZEN, WSKF, WSZD, NGFUM, WAGITT,
South Carolina   K4AD1	17,952- 176-51- 9- A  West Indies  NP4A (K1ZM,opr) 361,416-2442-74-24- B  5  Arkansas  NSDX (K8CC,opr) 182,040-1230-74-18- B KA5FZM 47,610-230-20- 4- A WA5TCL (*KSCO, KA5s ETD, PHI, N5DZQ, WA5ZCI) 192,992-1304-74-24- B  KY5M (*AD5M, KA5s KND, NI,Y, KB5QL, KSSM, NSLA, NSc KND, NSLY) 104,860- 749-70-24- B  Louisiana  W5MMU 256,336-1732-74-24- B N5ATW 79,530- 545-73-21- A W5MC 48,564- 342-71-22- A N5FIY 11,400- 114-50- 8- A  Mississippi  N5DSK 134,466- 921-73-17- B KV5F 18,040- 164-55-10- A N5CFU 18,020- 170-53-11- A	Columbo	W6NXB	WZKVA/6 117, 384 - 804 - 73 - 22 - B WAGDUS 89, 176 - 628 - 71 - 18 - B WAGVNN 87, 984 - 611 - 72 - 20 - A K6VMN 84, 672 - 588 - 72 - 18 - B WGTKF 82, 644 - 582 - 71 - 15 - A WGTKF 82, 644 - 582 - 71 - 15 - A WGTKF 82, 644 - 582 - 71 - 15 - A WGTKF 82, 644 - 582 - 71 - 15 - A WGTK 14, 96 - 74 - 74 - 74 - 74 - 74 - 74 - 74 - 7



W7WHO (who?) finished first in Oregon in the low-power category, adding another certificate to his collection from his 1975, '79, '80 and '81 wins.



If you missed Quebec on phone, it wasn't the fault of the Utica (NY) ARC. WA2AZA and KA2MTB, along with K2OZV, KA2CFH and KK2B, worked 675 of the SS faithful and captured the Canadian Division multiop title.



Lynn, KA2NVU, says she had a great time, although it's too band that more stations don't frequent the Novice bands.

7		WD80YO 30,870- 245-63-13- B	W9NEC/M (+2 oprs)	KØDEQ 60,444- 438-69- 9- B
•	K7QLC 4410- 63-35- 3- A K7GYP 2376- 44-27- 6- A N7DNG 2128- 38-28- 5- A	WB8YEW 30,848- 241-64-21- A KB8RA 30,284- 226-67-19- A	15,080- 145-52- 8- A	KT5Y 52,640- 376-70-14- A KMGI. 45,240- 348-65- 7- B
Alaska	WB7QCW 1584- 33-24- 3- A KA7NSR 112- 8- 7- 2- A	N8TN 24,400- 200-61- 7- A N8ATT 23,040- 180-64- 9- A KC8YR 22,428- 178-63-23- A	Wisconsin	KMØA 45,216-314-72-13-A WØFF 32,400-270-60-4-B KCØLX 32,000-250-64-17-B
AL7CQ 107,892- 729-74-18- B KL7IEH 100,740- 690-73-19- B KL7FFR (KL7s BCS,BUS,BYA,	AG7M (multiop) 164,724-1113-74-19- B K7LXC (+K7HBN,KC7RN)	N8BJQ 20,984- 172-61- 6- A N8EKS 20,770- 155-67-17- A	KE9A 148,000-1000-74-24- B	WØSPF 15,778- 161-49-16- A NØRGI 14.820- 130-57-16- A
EMA, FNH, FSO, MS, WL7AMM oprs.) 70,794-513-69-17-B	154,030-1055-73-24- B KR7R (KT7H,N7COV,oprs)	N8AUH 17,136- 153-56-11- A KC8HJ 15,846- 139-57- 7- A WB8MIP 15,158- 143-53-24- B	W9NA 90,432- 628-72-15- A WA1UJU 87,552- 608-72-20- A WA9BZW 74,266- 523-71-19- B	WDØBBN 14,000- 125-56- 8- B KEØI 2800- 50-28- 2- A KVØW 1596- 38-21- 3- A
KL7CQ (AL7EJ,KL7s HFQ,LO,SK, opr.) 68,448- 496-69-16- B	107,476- 736-73-24- B W7DK (AJ7P,K7s ETU,GYP,QLC, KA7NSR,W7s DWW,WG,WA7s FUS	KASILT 15,048- 132-57-11- A NSFAN 13 566- 133-51-14- A	K09Q 69,264- 481-72-17- A AJ9U 60,620- 433-70-21- A	KAØP 1144- 26-22- 2- A KMØR (+KMØP, WØHBH,WAØLTF)
00,440- 490-09-10- B	OII,WB7sOXA,QCW,oprs.) 91.980- 630-73-24- R	K180 13,250- 125-53-18- A KV8E 11,750- 125-47- 7- A WD8KTM 11,662- 119-49- 5- A	N9BDM 37,346- 263-71-21- B K9LJN 31,248- 252-62- 6- A	107,310- 735-73-20- B NØAQC (+KAØOIS, NØAQZ) 70,380- 510-69-24- B
к70х 219,000~1500-73-24- В	KC7FJ (+KA7s MEY,MEZ,MMQ,MWF, N7s DAP,ELC,ELI) 33,720- 281-60-24- A	WD8NVM 10,952- 74-74-15- A K8RSH 10,810- 115-47- 7- A	W9GKJ 25,704- 189-68-11- A K9GDF 25,680- 214-60- 5- B	·
W7FGT 157,824-1096-72-21- B K6LL 157,392-1093-72-15- B	N7RV (+K7YST) 13,536- 94-72-15- A	W8DWP 9800- 70-70-10-A W8XU 9016- 98-46- 4-A WA8RCN 8978- 67-67- 5-B	WB9TOC 19,760- 152-65-13- A WB9HCS 17,850- 175-51-24- A N9CWN 14,256- 132-54-24- B	ı Nebraska
K7TR 44,428- 383-58- 8- B W7ZMD 28,616- 196-73-15- A W7YS 24,960- 208-60- 8- A	Wyoming	W8IMF 8400- 105-40- 6- B W8VZE 7742- 79-49- 6- A	KC9ON 11,200- 112-50- 4- A WD91KO 9568- 104-46- 6- A	KØSCM 160,284-1083-74-19- B KVØI 110,448- 767-72-16- A WDØEMR 107,456- 736-73-24- B
KC7V 17,400- 150-58- 6- A K7GM 10,952- 74-74- 6- A	N7CG 159,578-1093-73-22- B	WD8MRF 4884- 66-37- 9- B W81DM 4060- 58-35- 2- B KB8WB 3100- 50-31- 3- A	N9AW 9504- 88-54- 3- A W9KI 6720- 60-56- 9- B N9CWO 6480- 81-40-10- B	KAØJQF 61,040- 436-70-21- A
W7GYX (+WA1NCC) 88,176- 668-66-17- A	K1PAD/7 117,300- 850-69-23- A WB7CFL 99,826- 703-71-23- A	K3JT 2400- 50-24- 2- A N8CXQ 1080- 27-20- 3- A	N9KS 3500- 50-35- 2- A KB9DZ 2236- 43-26- 3- A	WØKK 6052- 89-34- 4- A KØGND (+KØEK,KAØCGF,WAØWRI
Idaho	WABMAM 59,214-417-71-17-A KB7M (+KA7FYA,KB7WN,KV7L) 161,700-1155-70-24-B	WBCGG 154- 11- 7- 2- K WBBJBM (K8s DB,US,KC8sMK,XK, KW8N, N8s, ATR,DH,DMM,EDE,	N9DIJ 884- 26-17- 1- B K9JPS/M9 300- 15-10- 2- A	WBØWSL,WDØs,DMS,EGR) 141,474- 969-73-21- B WAØYPY (+KBØWB, NØDMX,
KØEJ 124,976- 856-73-23- A	8	W8CAR,WB8JMP,WD8IJP,oprs) 205,128-1386-74-24-B KV8A (+KA8HIN,WA8OSK,WB8s	K9FYZ (+N9BLR,NØs,AKC,BSH) 158,804-1073-74-24- B KØFVF/9 (+KØTG,WAØRBW)	WAØASM) 97,980- 710-69-20- B
WB7TJI 46,900- 350-67-14- A KK7X (+WB7WIA)	•	FBD, LAF, WD8sBHA, RJR) 138,676- 937-74-24- B	153,154~1049~73~24~ B KB9S (+N9ARX,KCØQM,KJØR)	North Dakota
62,580- 447-70-18- A KB7GJ (+KA7NTN) 19,470- 165-59-10- B	Michigan	K1LT (+K8LT) 137,678- 943-73-24- B N8CSL (+KA8MLA,KB8WC,WD8IVL)	107,778- 759-71-21- B	AKØT 230,288-1556-74-24- B
Montana	N8DEQ 152,144-1028-74-24- B WD8MGQ 116,476- 787-74-24- A	123,120- 855-42-24- B WBRIKR (+WB8CCL,WB8JCJ)	•	KFØA 115,488- 802-72-12- B KCØUM 36,018- 261-69-17- A
	WD91NF 81,648- 567-72-18- A N8CXX 80,352- 558-72-24- A KU8V 73,414- 517-71-16- A	107,712- 748-72-23- B KC8QR (+WB3LDY,WD8INN) 59,202- 429-69-14- B	Colorado	KCØW 25,862- 193-67-12- A
WA7GVT 79,278- 543-73-18- A KC7UC 43,036- 406-53- 9- B KL7FDQ/7 37,088- 304-61-12- A	K8JLB 59,920- 428-70-10- B K08M 59,782- 421-71-18- A	KR8B (+KA8s BAQ,OQF,WD8s OEL, ROD)	KØRF (WØUA,opr)	South Dakota
KS7T (+KA7GVI) 152,180-1087-70-24- B	KS8Q 59,472-413-72-24-B WA8MJY 55,440-385-72-19-A N8DBI 55,300-395-70-17-A	53,856- 374-72-23- A N8EDK (+KC8LB) 840- 30-14- 7- A	278,536-1882-74-24- B WØYK 259,000-1750-74-24- B N2IC 226,446-1551-73-24- B	WBØMWJ 147,408- 996-74-21- B WAØARS 98,420- 665-74-18- A
W7YB (KA7s LRD,OLK,KE7X, WB7s CFQ,EAH,oprs) 135,072- 938-72-23- B	WA8BSF 49,840- 356-70-12- A WA8QAF 48,860- 349-70-12- A		KØUK 185,328-1287-72-24- A WØLSD 128,908- 871-74-24- A	WDØCXU 50,874-417-61-6-B KØJV 42,280-302-70-11-A
133,072 730 72 23 2	WA8QCW 42,912-298-72-12-A NBBTU 42,240-330-64-19-A K8CV 41,844-317-66-17-A	West Virginia	KB3EI 119,282- 817-73-23- B KSØE 107,424- 746-72-24- A ADØO 76,964- 542-71-13- A	WAØSHA 41,470- 319-65-15- A NØEAL 40,920- 330-62-16- A WØWUU 5618- 53-53-24- A
Nevada	W8VPC 41,328- 328-63-15- A K8DD 38,918- 319-61- 6- B	N8II (K4PQL,opr) 186,912-1298-72-24- B KB8FJ 90,144- 626-72-14- B	WØTPO 39,192-276-71-17-A KØTIV 25,728-201-64-8-A WØIZV 21,358-181-59-14-A	KØVVY (KAØs CVY,MXR,NQQ, KBØQA,WB7VDZ,WDØEWA oprs) 137,030- 965-71-24- B
WA7NIN (W6OAT,opr) 274,688-1856-74-24- B	AC8W 35,360- 272-65-24- B WA8ZTQ 34,056- 258-66-17- B K8SIA 31,720- 244-65- 7- B	WD8CZA 75,480- 510-74-18- B K8BS 49,580- 335-74-18- A	N8AWD/Ø 6384- 76-42- 9- A KVØL 3540- 59-30- 5- A	
KA7BRE 61,904- 424-73-19- A WB7VVH 33,396- 242-69-15- B	KC8LD 25,080- 190-66-17- A K8ICE 25,048- 202-62- 7- B	W8VEN 42,980- 307-70-24- B K3LDE/8 (+K3QDC,W3s PYZ,QQR) 57,600- 400-72-24- A	KØBP (WB8TGA, WBØs LDU, OLZ, oprs) 129,646- 913-71-24- A	VE
KB7WV 29,380- 226-65-12- A	KW8G 23,424-183-64-9-A N8CQA 23,280-194-60-14-A K8KUH 19,008-176-54-10-B	9	lowa	Maritime-Newfoundland
Oregon	N8BHD 18,792-162-58-14-A KA8IIN 18,590-169-55-14-A			VE1YX (AA2Z,opr) 225,404-1523-74-24- B
W7NI 196,662-1347-73-22- B W7YAQ 111,888- 756-74-22- A	W8EGI 17,400-150-58-8-A WA80WG 10,952-74-74-8-B WD8LBH 9840-123-40-12-A	Illinois	KØAL 142,080- 960-74-22- B KFØH 134,904- 924-73-15- B KØJGH 106,288- 728-73-23- A	VO1QU 60,248- 443-68-24- A VO1QST (VO1AW,opr)
A17W 79,424- 544-73-23- A W7TWL 65,178- 459-71-22- A	WBSTCY 5688- 79-36-11- A KSQLM 4056- 78-26- 7- A	K9RS 216,820-1465-74-24- B WB9HAD 174,616-1196-73-20- B	KØLUZ 102,416- 692-74-13- B KBØPR 88,760- 634-70-12- B	16,482- 123-67- 9- B
WA70EM 59,500- 425-70-14- A KB7WY 48,564- 342-71-24- A W7GUR 47,472- 344-69-14- B	AJŠC 3050- 61-25- 3- B N8DVO 2842- 49-29- 3- A KB8TD 1736- 31-28-11- A	K9LUW 143,560- 970-74-24- B N9AEJ 55,152- 383-72- 9- A K9BQL 47,436- 354-67-13- A	K9AYK/Ø 48,852- 354-69-11- B WØPPF 44,200- 325-68-19- B KCØGM 43,878- 309-71-15- A	
K7WPC 15,810- 155-51- 9- B WA7RZF 8690- 79-55- 8- A K7KJM 7470- 83-45- 6- A	N8AOE 950- 25-19- 2- A KA8EDT 286- 13-11- 2- A WD8CRY (+K8AQM,KA8EEA,KB8HW,	WA9ZYG 45,500- 325-70-20- A ADØH 42,296- 311-68-16- A KB9TI 40,066- 299-67-23- B	KAØD 42,884- 302-71-23- A WB910G/Ø 33,232- 248-67-13- A	Quebec
WA7PZW (KA7s JDZ, JKP, KD7s AA, AD, WA7IZU, oprs.)	KC8s A,KQ,N8UM,WB8VBP,WD8LCD) 179,376-1212-74-24- B	K9GH 38,564- 311-62-20- B W5CAT/9 37,812- 274-69-21- A	WBØFBP 6264- 87-36-14- A KAØNJY 936- 26-18- 4- A	VE2PD 34,272- 238-72-19- B VE2GBZ 31,088- 232-67-16- A VE2FSU 18,354- 161-57-14- A
70,840- 506-70-24- A K7GON (+WB7TGZ) 67,024- 472-71-26- A	K8SS (+N8DET) 150,672-1032-73-20- B N8BNE (+AA8U,K8LF,KA8JSE,	KC9UM 23,598- 207-57-11- B W9QWM 22,620- 174-65- 9- A W9REC 20,800- 160-65-14- A	KCØDB (+KAØKDJ,NØs AZF,CLW, WDØEWH) 154,030-1055-73-24- B	K2IQ/VE2 (K2OZV,KA2s,CFH,MTB, KK2B,WA2AZA,oprs)
KC7YQ (multiop) 28,566-207-69-22-B	KC8EK,KD8B,N8s,AW,CRA) 118,400- 800-74-24- B	AK9N 19,278- 189-51- 6- A	NØEEN (+N9DIZ) 33,528- 254-66-22- A	88,750- 625-71-23- A
WB7USF (+KA7ÍWH) 26,268- 199-66-23- A	W8UM (KA8LJC,KC8s,ES,LX, KM8I,KT8K,WD8sDPA,PFS,oprs) 103,248- 717-72-24- B	WD91FS 13,720-140-49-15-A WA9MRU 13,500-125-54-7-A KA91HJ (KC9VW,opr)	Kansas	Ontario
Utah	KC8P (multiop) 80,884- 554-73-24- A	13,464- 132-51-12- A KK9A 9760- 122-40- 1- B		VE3GAS 147,022-1007-73-13- B VE3GP 114,624- 796-72-24- B
KB7HM 157,826-1081-73-20- B W7GXC 86,112- 598-72-19- A	WB8GUS (+WB8WIM) 51,684- 354-73-24- A WA8BAP (+KA8HHA,KA8OEY)	K9NO 9180- 102-45- 4- A KC9IJ 8148- 97-42- 7- A	KØVBU 61,420- 415-74- 8- B NØDEE 39,128- 292-67-18- A WAØHWH 25,254- 207-61-11- A	VE3CUI 15,120- 140-54- 7- B VE3MKJ 12,692- 167-38-13- A VE3FEA 9996- 119-42- 2- A
KC70 20,696- 199-52- 7- B	38,920- 278-70-21- A K8JM (+K8s FC,IDZ,KC8OH,N8s	WD9DBC 6396- 78-41-24- B N9NA 6216- 84-37- 3- A N9UN 5408- 52-52- 4- A	KØEUX 11,438- 133-43- 9- A KØYBV 4320- 60-20- 6- A	WA4TNI/VE3 4698- 81-29- 5- A
Washington	BVY,DDV) 31,868- 257-62-13- A W8GBR (+KA8s CVE,KYR,WD8s	WA9ZZG 4352- 68-32- 5- A W9VTL 3500- 50-35- 6- A	228,216-1542-74-24- B WØSOE (KFØM,WAØVJF,oprs)	Manitoba
K7RI (K7SS,opr) 267,732-1809-74-24- B	OWA,RUO) 23,760- 432-55-12- A	K9UIY 2968- 53-28- 1- A KD4BU/M 1596- 38-21-10- A KA9JUF 920- 46-10- 8- A	193,584-1308-74-23- B ACØE (+KØEQH, NØs BXW, CPC, +1 opr)	VE4GN 51,136- 376-68-18- A
W7RM (W7WA,opr) 263,144-1778-74-24- B	Ohio	K9RX (+KQ9L) 148,774-1019-73-22- B W9JWC (K02R,KA9K1M,N9CAC,	97,980- 710-69-24- A	Saskatchewan
K7LR 211,992-1452-73-23- B K7MX (KB7G,opr) 208,384-1408-74-22- B	K8ND 199,208-1346-74-24- B W8JI (WB8MZZ,opr)	WB9UTY, KAØCHL, KBØPQoprs) 98,568- 666-74-22- B	Minnesota	VE5GF 162,060-1110-73-19- B
AJ7Y 173,604-1173-74-24- B N7TT 122.348- 838-73-24- A	196,988-1331-74-24- B K8AZ 183,816-1242-74-24- B		KØDD 208,532-1409-74-24- B KØIJL 182,040-1230-74-23- B	VE5BBQ 7600- 100-38- 2- A
W7NG 114,404- 773-74-23- B KG7V 102,930- 705-73-18- B N7AYF 102,860- 695-74-12- A	K8MN 162,060-1095-74-24- B N8RA 148,920-1020-73-24- B	Indiana	KQ8M/Ø 173,740-1190-73-24- B KØFZG 77.848- 526-74-24- A	N.W.TYukon
WA7PVE 70,432- 496-71-22- A WA7RWK 46,632- 348-67-14- B	K8MR 146,076- 987-74- 6- B N8AID 128,772- 882-73-24- B W8FN 120,120- 858-70-18- B	W90BF 120,596- 826-73-24- A KB9MO 94,780- 677-70-16- B	WA2HFI 62,496- 434-72-19- A WAØMHJ 60,976- 412-74-12- B	VY1CC 57,084- 402-71-12- A
KA7FBI 40,040- 286-70-18- A WB7BLQ 34,220- 295-59-11- B WA7IVO 28,560- 238-60- 5- B	KC8JH 114,700- 775-74-19- B N8LL 113,458- 799-71-23- B	N9CR 66,156-447-74-23-A W9J00 60,590-415-73-22-A KA9D00 55,334-379-73-22-A	WAØCQG 53,200- 380-70-15- B WBØDHS 44,988- 326-69-14- B WAØWWW 40,528- 298-68-12- B	VY1DD 1120- 35-16- 2- A
AJ7K 26,760- 223-60-17- B WB7DNS 25,740- 198-65-15- A W7WIA 24,056- 194-62-11- B	K8EE 113,150- 775-73-24- A W8LNO 102,200- 700-73-17- B K8BL 91,396- 626-73-22- A	KC9FC 46,976- 367-64-20- B W9NZW 46,428- 318-73-21- A	KNØD 39,054-283-69-9-A KBØM 37,674-273-69-15-A KØMPH 28,854-229-63-6-A	·Checklogs
KA7CXU 22,892- 194-59-16- B W7LKG 20,910- 205-51- 6- B	W8UPH 89,568- 622-72-24- B N8CWU 82,344- 564-73-24- A	WB9ZGY 26,664-202-66-11-A W9UIX 12,584-121-52-16-A	NØNO 27,772- 262-53- 4- B WØWDW 27,328- 224-61- 3- B	AGØM,KAØJPM,KAØKKV,KRØU, KA1EHK, KI1G,KB2HM,KO4D,
KB7WD 18,924- 166-57-10- A W7DWJ 18,040- 164-55-12- A KR7L 18,032- 161-56-10- A	KUBE 77,234- 529-73-14- B ADBP 60,582- 439-69- 7- B KR8X 56,420- 434-65-18- A	KA91PK 3600- 72-25- 8- A W9QLW 868- 31-14- 3- B WB9QEZ 690- 23-15- 1- B	WAØVQR 13,000-100-65-9-B WBØYUC (+WDØFOF) 106,726-731-73-23-B	K6VL,KÉ6VY,KÉ7P,N2ĎXB,NP4P, N7EDV,N9DHD,VE4AKN,WBØOKP,
K7WA 16,632- 126-66- 8- A AK7S 16,200- 150-54- 7- A	WB8NBA 51,940- 371-70-15- B W8ANM 49,494- 339-73-17- B	KJ9D (+KK9V,KM9S) 183,076-1237-74-24- B	NØEDO (+KB9É) 92,126- 631-73-24- B	VE8JG,W6MUV
WB7OXA 15,196- 131-58- 6- A W7DWW 12,576- 131-48-11- A K7NF 12,446- 127-49- 6- B	W8LHV 46,434- 327-71-16- B N8LM 46,020- 354-65-12- B WB8VPA 43,332- 314-69- 8- B	W9LT (+AE9Y,KB9PT) 153,032-1034-74-24- B W9YB (KA9s DSM,MHO,NOH,OLT,	WAØQIT (+WDØGPX) 77,760- 540-72-23- A	Disqualifications
W7RXS 12,200- 122-50-11- B KC7NA 7998- 93-43-15- A	W8DXT 38,324-286-67-22-A WB8LZR 37,200-300-62-17-A N8EFY 36,790-283-65-23-A	KC9RG,KK9W,N9s CUZ,NB,NC, WD9GET,oprs) 85,284-618-69-18-B	Missouri	CW: KlRX (call sign/exchange errors); KA3A (+WB3FKQ)
K\$7I 7008- 73-48- 6- A W7WG 6560- 80-41- 4- A	N8CLR 33,184-244-68-11-B KC8F 33,132-251-66-14-A	N4FKF/9 (+lopr) 62,160- 444-70-22- B	K4VX (KRØY,opr)	(call sign/exchange errors) Phone: W7LQT (+WBZWBZ)
K7RS 5280- 66-40- 5- A K7UU 4712- 76-31- 1- B.	WD8BKT 32,340-245-66-17-B AF8C 31,188-226-69-16-A	K9KB (+KA9JMR) 27,864- 258-54- 4- B	236,060-1595-74-24- B KU <b>9</b> G 69,708- 471-74-21- A	(excessive duplicate contacts)
			<del></del>	Q\$T-