# Results, 50th Annual ARRL November Sweepstakes

Three Cheers for 50 Years!

By Edith Holsopple,\* N1CZC and Bill Jennings,\*\* K1WJ

weepstakes signals have been "sweeping" the ether for 50 years now, as Sweepstakes enthusiasm has swept the amateur community during November for half a century. The ARRL Contest Branch is experiencing "front desk overload," as SS logs continue to pour in year after year. It's a true labor of love. Other than a few refinements to the rules, not a whole lot besides higher scores and increased equipment capabilities has evolved from the stone-age days of crystal control to the now popular solid-state "do everything" rigs. From the first SS contest results published in QST May 1930 (where readers were thoroughly berated for not reading and following the rules) until the present day, the debate continues to rage over the burning question of whether it is better to hunt Sections for multipliers or try to keep your QSO rate high.

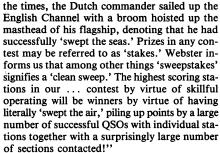
To satisfy your curiosity over the origin of the contest's name, we are quoting from the January 1930 issue of *QST* where the very first SS was announced.

"History gives us some interesting information concerning various symbols of victory. A Dutch commander, Admiral Tromp, defeated the British fleet under Admiral Blake at Dover, England in 1652. Complying with the custom of

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WD5AAM swept up 110,016 points, 72 Sections and the seventh place phone score from Southern Texas.

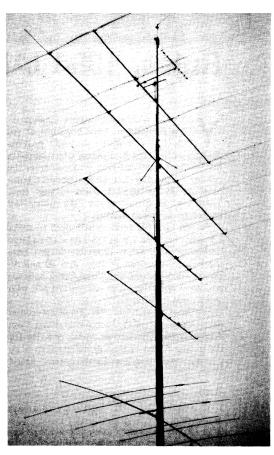


Some of the minor rules changes that have evolved over the past half century of the SS are shorter on-the-air times, split weekends for each mode and shorter exchanges. Believe it or not, in 1930, contestants were required to originate a message with a minimum of 10 words for each QSO. Furthermore, the contest lasted a full two weeks. Yes, life is simpler now ... or is it?

A few rules have been cast overboard and a few pirates have walked the plank (of disqualification). In case you haven't noticed, 1930 was actually 54 years ago. SS sat in port during WW II when it was illegal to be on the air for other than military purposes. Despite the innovations, the main purpose of the original SS is still with us: to improve operating skills, learn message handling and have a good time in friendly competition. The skeleton of the con-



W9GXR made the top score for Missouri in the 25th SS. This year, he swept all Sections from his Wisconsin QTH.



NØNO's antenna farm in Minnesota harvested the highest crop of QSOs in the state as well as the top score in the CW portion of SS.

# Top Ten Single Op

	CW	
296,592	N5AU (K5ZD)	189,144
257,076		183,076
251,156	W7RM (W7WA)	179,524
250,128	K6LL `	174,640
249,084	K5TA	172,864
244,792		172,568
		172,134
		171,976
		171,680
236,356	K7GM	171,236
	257,076 251,156 250,128 249,084 244,792 243,608 243,164 238,280	296,592 N5AU (K5ZD) 257,076 N6TR 251,156 W7RM (W7WA) 250,128 K6LL 249,084 K5TA 244,792 K7NHV 243,608 KØRF (WØUA) 243,164 W5XZ (K5GO) 238,280 N2IC

# **Top Ten Low Power**

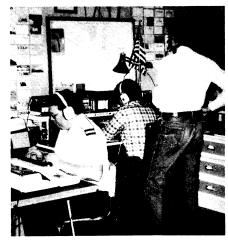
Phone		CW	
K7RI (K7SS)	194,620	NØNO	147,314
K4XS`	184,544	K7JA	144,004
K7JA	184,112	WØIJR (KØEU)	139,860
KD6WW	176,564	K4XU ` ´	136,900
K4XU	165,612	N7TT	132,608
N2IC	164,872	N5JB	131,424
KJ9D (KK9V)	161,912	K4XS	129,648
WD8MGQ	154,364	KZ6E	127,296
WØIJR (KØEU)	147,556	AG7M	127,132
KE5CV	146,304	N6ND	125,268

# Top Ten Multioperator

Phone		CW	
N4WW	268,472	K5CM	165,316
N5KW	247,900	WB8JBM	161,616
WB8JBM	229,252	KJ9D	141,636
NA5R	213,564	KØFVF/9	141,488
WD8CRY	192,992	K6AA	140,452
K5VWW and NM5L	190,476	ABØS	136,900
WB1ELC	187,516	K1LT	134,384
NV6K	186,924	K5VWW	124,392
AA2Z	186,332	KØUK	121,656
VE3GAS	180,288	AB2Y	121,472







Multiop station KC4DY and operators: N4FHL, in the white shirt; KC4DY, in the plaid; WB4QOJ, wearing a dark vest; KJ7K, in the stripes; and AB4U, wearing a sweater. These gents (from the Southwestern Virginia Wireless Assn., Roanoke) are being videotaped by WDBJ-TV. Together they scored 120,916 points and managed to find all 74 Sections on phone. (photos by N4JED)

test is still the same as it was in 1930, the first time it was held. As true today as then, skill and hard work are the necessary ingredients in a successful SS operation.

The first SS was won' by W1ADW, who operated a Hi-C Hartley, using an 852 and a UV-203-A for the remainder of the contest. He worked 43 of 68 Sections. Scores have steadily risen since that first launching of the "S.S. National Relay."

SS number 50 rolled in on the weekends of November 5-6 (CW) and November 19-20 (phone) amid great expectations (after all you only have one golden anniversary!) with an added incentive of a commemorative expanded awards program. Contesters turned out in about the same numbers (1995 SS logs showed up for the '83 contest, while 1990 entries were submitted in 1982) as in the 49th Sweepstakes. SS '83 logged 943 CW entries and 1052 phone logs. In a deviation from the norm of past years, more folks were able to make the "clean sweep" on CW than on phone. All of 219 of the code operators found all 74 Sections for a 23.2% success rate, while 198 "clean sweep broom" awards will be given out to phone SS operators. Of the phone ops, 18.8%, made the clean sweep grade - not too bad at all — thanks (from 667 grateful CW operators) in part to NØTT's little trip to VE8 for the CW weekend. The normally "rare" VE8/VY1 Section was there for all takers while. surprisingly enough, the South Carolina, Mississippi, North Dakota and San Joaquin Valley Sections were the ones that most frequently made the difference between 73 Sections in the log and the coveted sweep.

The high-power (seems that 40% of the '83 SS CW operators ran an amplifier, versus 60% who went into the fray barefoot) CW operators encountered more stations on the air to be worked in '83 than they did in 1982. In fact, only three of the '82 Top Tenners would have made the grade for the same honors in '83. In a replay from the 1981 SS, K5ZD at N5AU and N6TR went "at it" for a shot at the first place among the code operators. When the dust had cleared, Randy, 'ZD had 41 more QSOs in his log than did Tree. Randy again takes the no. 1 code op honors. Randy really has the handle (paddle?) on how to make that N5AU station play. The rest of that Top Ten listing is filled out with "superstars" of years past while N2IC is the "new op on the block."

# **Division Leaders — Phone**

Division	High Power	Low Power	Multioperator
Atlantic	W3LPL (WD4AXM)	KC3EK	W2OW
Central	K9RS	KJ9D (KK9V)†	W9YT
Dakota	KØIJL	KØFZG	WB3KMF/Ø
Delta	W5WMU	K4XU	W5GAD
Great Lakes	K8AZ	WD8MGQ†	WB8JBM
Hudson	W2YV (KQ2N	WB2WIK	K2MME
Midwest	K4VX (KRØY)	KØRWL	WØSOE
New England	WB1GQR	KA1DZV	WB1ELC
Northwestern	W7NI	K7RI (K7SS)	K7LXC
Pacific	N6IG	KD6WW '	W6BIP
Roanoke	KD4NI	WC4B	KC4DY
Rocky Mountain	K5TA	N2IC	NDØE
Southeastern	KP4BZ	K4XS <sup>†</sup>	N4WW
Southwestern	K7OX	K7JA†	NV6K
West Gulf	N5DU	KE5CV	N5KW
Canadian	VE7IN	VE6CHW	VE3GAS

†indicates new Division record

# **Division Leaders — CW**

Division	High Power	Low Power	Multioperator
Atlantic	W3LPL	WA3FYJ	AB2Y
Central	K9DX	K9WA	KJ9D
Dakota	WØWDW	NØNO†	
Delta	W5XZ (K5GO)†	K4XU	N4DW
Great Lakes	WA8YVR	KÜ8E	WB8JBM
Hudson	W2RQ	KY2P	N2EKS
Midwest	K4VX (KRØY)†	KØRWL	ABØS
New England	K1TO	W1OD	W1KX
Northwestern	W7RM (W7WA)†	N7TT	KS7T
Pacific	WA7NIN (W6OAT)	N6MG	W6BIP
Roanoke	N8II (KC8C)	KD8G	W4POX
Rocky Mountain	KØRF (WØÚA)	WØIJR (KØEU)	KØUK
Southeastern	N4SA`	K4XS	WC4E
Southwestern	N6TR†	K7JA	K6AA
West Gulf	N5AU (K5ZD)†	N5JB	K5CM
Canadian	VE5XK`	VE3JTQ	VE3ART

†indicates new Division record

Low-power code operators in 1983 were able to better the '82 average Top Ten score significantly. NØNO, "right up there the previous two years," went for it and grabbed the top spot with a fine 1009-QSO effort. Steve still can't believe that he missed VE4 for the sweep. K7JA decided to try his hand at low-power operation in the SS. Chip made the Top Ten on both modes (no. 2 on CW and no. 3 on phone). KØEU at WØIJR, K4XU (always among the top low-power finishers) and K4XS also managed to make both low-power Top Ten lists.

The operators at K5CM took the top multiop slot handily, beating last year's champs at WB8JBM by nearly 4000 points. The 'JBM crowd was the only multiop station to make both Top Ten lists, and we'll bet that they have a few

tricks up their sleeves to try to regain the top position in '84. Should make for some interesting competition.

The Top Ten phone scores followed the CW trend. High-power (51% of the phone entrants ran high power) scores were down from the 1982 levels, while low power Top Ten scores increased significantly. The West Indies Section was again the "magic" place to be to place first among the phone operators in SS. Tim, KP4BZ, was the only phone station to log 2000 QSOs in this contest. As with the High-Power CW Top Ten list, the phone "who's who" is filled (with one exception) out with stations from west of the Mississippi River — gladdens the hearts of the Midwest and West Coast operators. K7SS operated K7RI to the top of the low power phone

# Phone — Division Leaders QSO Breakdown by Time

Cumulative Number of OSOs

Oumulative Humber	01 0000							
Call	2200Z	0000Z	0300Z	0900Z	1500Z	2100Z	0300Z	Off-Times
W3LPL (WD4AXM)	101	248	486	874	988	1213	1455	2
K9RS	121	324	572	886	1001	1232	1522	4
KØIJL	56	221	372	490	581	874	1115	5
W5WMU	133	322	514	939	1012	1366	1612	3
K8AZ	122	269	499	791	879	1157	1322	4
W2YV (KQ2M)	81	219	425	669	813	1085	1304	5
K4VX (KRØY)	96	296	553	1014	1115	1446	1680	6
WB1GQR	75	245	477	686	879	1187	1297	5
W7NI	132	335	515	742	821	1211	1474	6
N6IG	136	367	642	925	1037	1396	1670	6
KD4NI	131	257	450	832	1050	1238	1416	3
KP4BZ	155	387	739	1030	1351	1860	2104	3
K5TA	153	366	674	950	1098	1495	1852	3
K7OX	131	372	548	837	913	1353	1676	2
N5DU	124	374	638	969	1102	1429	1682	7
VE7IN	97	268	400	518	518	801	1116	3

<b>CW Division</b>	Leaders	QSO	Breakdown	by Time

Cumulative Number	of QSOs							
Call	2200Z	0000Z	0300Z	0900Z	1500Z	2100Z	0300Z	Off-Times
W3LPL	81	220	410	712	776	946	1101	4
K9DX	61	169	349	642	764	914	1087	3
NØNO	69	178	335	612	696	878	1019	5
W5XZ (K5GO)	90	237	450	726	822	995	1179	5
WA8YVR	83	209	391	691	781	943	1093	5
W2RQ	81	206	382	682	773	926	1079	6
K4VX (KRØY)	80	230	412	724	818	1027	1152	7
K1TO`	85	220	410	522	651	895	1039	1
W7RM (W7WA)	98	255	471	763	775	1021	1239	2
WA7NIN (W6OAT)	82	245	416	628	695	902	1088	2
N8II (KC8C)	64	203	373	679	744	876	1018	2
N4SA	73	153	368	658	739	938	1085	3
N6TR	80	243	457	740	790	1030	1245	5
N5AU (K5ZD)	103	279	509	794	925	1107	1283	8
VE5XK	77	240	466	667	704	978	1167	2

pack. Danny attributes his success to advice from his mentor, N7ZZ: "Old age and treachery will always prevail over youth and skill." Words to live by. K4XS obviously has the skill and handily took the no. 2 slot for low-power ops on phone in this year's contest.

The N4WW multiop team easily outdistanced the rest of the phone multiop Top Ten with their rate of 75.5 QSOs per hour for the entire contest.

By popular request, we brought back the boxes showing the Division Leader QSO Breakdown by time for each mode. It lets you compare your rates with those of the top stations in your Division.

Over the years, the SS Affiliated Club Competition makes for some interesting inter- and intra-club rivalries as club members go all out to add points to the club's total and vie for recognition as the top CW or phone operator in their own club. The club competition also provides the incentive for many "non-contesters" to try their hand at the SS for the sake of the club's aggregate score. More than a few top-notch contesters went into their first SS with this same thought in mind and came away hooked on contesting.

In the Unlimited Club Category with 71 individual entries, the Potomac Valley Radio Club continues to keep member interest and enthusiasm high, and again won the gavel in this category.

The North Texas Contest Club, led by club top scorers K5ZD (no. 1 code op in the contest) and WB5VZL at the microphone, both at the N5AU station, came from a fourth place finish in '82 to take the gavel in the Medium Club Category in 1983. In a "close-as-that" finish, the Mad River Radio Club bettered their own 1982 club aggregate score by 1 megapoint, led by club stars K8AZ (phone) and WA8YVR (CW), and moved from a 5th place finish in 1982 to a close no. 2 finish in the medium category in 1983.

It seems that the '83 SS club competition saw



John Thernes, WM4T, of Covington, Kentucky, appears well suited for the job of earning 110,852 points and the fourth place KY code score.



Thirteen-year-old Brian Joy, KCØXK, placed third in lowa on phone and fifth on CW.

12 fewer ARRL affiliated clubs (87 versus 99) in the listings than its 1982 counterpart. It means that a lot of the club names, standards in Sweepstakes of years past, have fallen by the wayside. A lot of the familiar clubs were not able to muster the three individual entries necessary to make the club listings. Maybe it's time to whip up a little enthusiasm for club participation in the 1984 SS at your next radio club meeting. Bright spots in the club listings were provided by those first-time clubs whose first club competition came with the 1983 SS. These clubs, with a little effort and experience, are destined to top the club competition listings in years to come. Welcome aboard!

We might hesitate to harp on the same thing year after year, but darn it, incomplete and sloppy SS entries are our number one problem. We can't credit an operator with a proper score listing if his/her entry is not complete or can't be read. Take a little pride in your paperwork — at least as much as you take in your operating. Do it right and we'll all benefit. 'Nuff said.

We'd like to thank Contest Aide Linda Kraut for her help in the preparation of this report.

Look for those special participation/achievement awards as well as the traditional certificates and, oh yes, the "clean sweep broom" awards to begin hitting the mails about mid-May.

It seems that many of the SS '83 participants took time to say "Happy 50th to SS" and expressed wishes that they would be around for SS no. 100. Let's take it one year at a time, and plan to operate SS no. 51 on the weekends of November 3-4 (CW) and November 17-18 (phone) in 1984.

CU THEN!

# **SOAPBOX**

It was a real pleasure to receive two "check" numbers that pre dated my own; that doesn't happen very often anymore (W4OO). Why do you guys always do this to me? SS was on my wedding anniversary, plus I was involved the day before in a rehearsal and a concert with the local symphony. Maybe I should ditch the XYL and burn my bassoon (K1PLR/3). We lived on beer, soft drinks, fried chicken, pizza and donuts, not to men-tion the aspirin and Alka-Seltzer. Our computer was a great tool! All we need now is an op who can type (W5GAD)! Since we worked all Sections except VE8 (W)GAD)! Since we worked all Sections except VEB on phone, we propose an award next year for an almost clean sweep ... how about a toothbrush? (oprs. at WØIO). Talk about contest dedication. I drove 150 miles with a broken right leg to operate SS CW! I had my first clean sweep in five years and got it on both modes (KQ2M, opr. of W2YV). After 29 years of SS operating, it was exciting to finally make a clean sweep! Alas, however, it is embarrassing for this CW operator to do it on fone (WQCXR). Operating a university club to do it on fone (W9GXR). Operating a university club station has its advantages! Toward the end of the contest, we had several alumnae helping us look for VE8! But alas ... it was all for naught. Thanks, alumnae (W9YB). I caught a bad cold on Thursday and my voice synthesizer broke Friday before phone weekend, but any misery is better than eating crow at dinner-bet payoff (N8RA). An interesting statistic: 85% of my 221 contacts were almost evenly distributed among hams licensed in the '50s, '60s and '70s. I had more contacts with hams licensed in the 30s than in the '40s. This is my 25th year as a licensed ham, but only my third SS. Boy, have I missed a lot of fun (K5SNO). At age 77, after 30 years off the air, I could not resist SS. I was section high in 1934, '35 '36 and '38. Things are more relaxed for me these days (WØAWP.) It figures I would have an English paper to do over the weekend. I had to decide between a high SS score or a high English grade (KA8NCR). My congratulations to the FB operators who pulled my 1-W signal out of the QRM, operators who pulled my 1-W signal out of the QRM, and my apologies for requesting repeats. A direct conversion receiver in a crowded band offers new challenges in CW copying (W4VQ). After 253 QSOs and 67 Sections with my straight key and indoor dipoles, my score looks like a lot to me, HI (WA2ASQ). Now SS is getting expensive. My wife spent the weekend in a Ft. Collins (Colorado) motel, and came home with 4 sweaters, 3 skirts, 2 blouses, a vest and a pair of gloves! (WA8MAM). Swell contest as always, but it was frustrating never to work ND! Hats off to those who managed a "sweep" (W4YE). I enjoyed SS and



Sixteen-year-old KM5R operated CW from station K5RX in Northern Texas. His 149,504 points are good for third place in his Section.



Armond, N6WR, turned in the no. 2 low-power phone score from the Sacramento Valley Section.

# Clean Sweep — Both Modes

W2YV(KQ2M, opr.), K2AU, W2RQ, W2OW\*, N3DAY, N3AD, W3MA, WD4AXM (opr. of N3RL on CW and opr. of W3LPL on phone), K3TM, WB3JRU, K3SA, K4BAI, K4FU, N4SA, N4BP, K1ZV4, K4XU, N4ZZ, K5TA, A45B, K5ZD (on phone and opr. of N5AU on CW), K25M, W6RGG, K7JA, K16O, KF6A, W8BIP\*, N6NF, N6MG, KD6PY, K7OX, K7HP, WA7NIN (W6OAT, opr.), W7NI, K7SS (on CW and opr. of K7RI on phone), W7WA (on phone and opr. of W7RM on CW), WA8MAM, K8MR, W8BJBM\*, W8LT\*, K9RS, K9ZO, W9OBF, W9TG, W9XT, KØFVF9\*, KBØG, WAØTKJ, KØVBU, K4VX (KRØY, opr.), KØRWL.

\*denotes multioperator

discovered I'm not the "crackerjack" CW op I thought discovered I'm not the "crackerjack" CW op I thought I was. Oh well, perhaps next year (WB4J). I'll bet my new whisk broom that 1983 is a record year for clean sweeps (K3OO). I realized I could be in trouble when it took 450 QSOs to work next-door-neighbor NC (KX4V). Great contest. I made 503 QSOs with a straight key. Ouch! I should get bonus points, but I'll settle for sympathy (N1CKW). How about a special category for those with antennas less than 15 ft high? (WA1GIU). I worked the entire CW contest ORP 3.5 (WA1GUV). I worked the entire CW contest QRP 3.5 W and managed to get a clean sweep (AA2U). I have a new definition for frustration after this contest: heara new definition for trustration after this contest: near-ing both VY1CC and VY1AO two hours before the contest ended, and then having the band die out (WA9BZW). Too bad that deer hunting season and SS phone fall on the same weekend (WB9YXY). Please accept this late entry. Believe it or not, it was locked in my trunk when I had an accident on the 18th (W9WI). It was fun to be back in SS, but these new-fangled call signs drive me nuts. (W9TG). We met lots of old friends, made some new ones, and only took two weeks to recover voices and lost sleep (WBØYUC and WDØFOF). Murphy struck after the contest when the dog chewed up two pages of my logs. It took me hours to piece them back together and recopy them. Come to think of it, these logs look like dog food anyway (KMØL). SS was harder this year, since WBØBBN seemed to beat me to my contacts. It takes longer to explain that you're really not a dupe (WDØBBN). I missed my own Section, although I heard it once. And there wasn't even a football game (KDØEV). I sure hope that I'm around for the 100th SS (W8CNL). It must have been great in the lower 48. Everything was difficult from up here (NL7P). Howls of dismay followed the cloud of smoke late Sat. night, but it was only a cooked balun in the tuner and we pressed on (N7EDV). All in all, a very successful

# Affiliated Club Competition

Northern Ohio ARS         85           Mile H ID X Assn.         83           Central Florida DX Assn.         83           Twin City DX Assn.         63           Southern California Contest Club         57           Reading RC         50           Kettle Moraine Radio Amateurs         49           Eastern Michigan ARC         48           Sevier County ARC         47           Ashtabula County ARC         42           Schenectady ARA         41           Binghamton ARA         38           Willamette Valley DX Club         38           Point Radio Operating Society         38           Billerica ARS         37           South Florida DX Assn.         37           Gloucester County ARC         37           Lynchburg ARC         36           North Florida ARS         36           Fort Wayne RC         35           Rochester (NY) DX Assn.         33           Southeastern DX Club         32           Utica ARC         30           Norwood ARS         29           Hollywood ARC         28           Fox River Radio League         28           Central Michigan ARC         28	3,454 43 3,166 47 ,224 35 ,936 39 ,798 42 ,806 18 ,806 18 ,806 18 ,806 18 ,806 18 ,205 16 ,206 16 ,206 16 ,206 17 ,207 17 ,208 17 ,578 19 ,426 11 ,228 11 ,228 11 ,332 9 ,024 10 ,228 11 ,332 9 ,024 10 ,334 10 ,335 10 ,336 10 ,336 10 ,336 10 ,357 10 ,35	Winnel W3LPL  N5AU K8AZ N5DU W2YV K1WA WATNIN K9RS KØUK K7RI — WØEJ K2YY W83EM KØSCM N3DAY K7JA AJTY K7GEX KS2G NB8K  KØRF KI6O K5TA KNBR N2IC —	W3LPL  N5AU WASYVR K5LZO/N5JJ WZRQ K1TO WA7NIN K9DX WØKEA W7RM KBØG NØGA K2ASYON KØSCM W2GD K7JA W7BUN AG7M W2LPA N8FU  KØRF KI60 K5TA
North Texas Contest Club	1,166 47 1,936 39 1,798 42 2,376 28 1,806 18 1,806 18 1,806 18 1,806 18 1,806 18 1,806 18 1,806 18 1,806 18 1,206 10 1,206	KBAZ N5DU W2YV K1WA WA7NII K9RS KØUK K7RI — WØEJ K2YY WB3EM KØSCM N3DAY K7JA AJ7Y K7GEX KS2G NB8K	WABYVR K5L2O/IN5JJ W2RQ K1TO N WATNIIN K9DX WWKEA W7RM KBØG NØGA K2AA G K2AA G W2GD K7JA W7BUN W2GD K7JA W7BUN W3LPA N8FU  KØRF KI60 K5TA —
Mad River Radio Club         4,32           Texas DX Society         375           Yankee Clipper Contest Club         3,08           Murphy's Marauders         2,73           Northern California Contest Club         1,83           Grand Mesa Contesters         1,88           Grand Mesa Contesters         1,13           Rubber Circle Contest Club         1,22           Eastern Iowa DX Assn.         1,09           Murgas ARC         1,07           Lincoln ARC         1,07           Frankford RC         82           Western ARA         82           RC of Tacoma         80           Western Washington DX Club         50           Long Island Mobile ARC         40           OH-KY-IN ARS         25           Local Category         Colorado Contest Conspiracy         1,83           River City Contesters         1,27           Northern Ohio ARS         85           Mile HI DX Assn.         83           Central Florida DX Assn.         83           Twin City DX Assn.         63           Sevier County ARC         47           Kettle Moraine Radio Amateurs         49           Eastern Michigan ARC         48 <td>1,166 47 1,936 39 1,798 42 2,376 28 1,806 18 1,806 18 1,806 18 1,806 18 1,806 18 1,806 18 1,806 18 1,806 18 1,206 10 1,206 10 1,206</td> <td>KBAZ N5DU W2YV K1WA WA7NII K9RS KØUK K7RI — WØEJ K2YY WB3EM KØSCM N3DAY K7JA AJ7Y K7GEX KS2G NB8K</td> <td>WABYVR K5L2O/IN5JJ W2RQ K1TO N WATNIIN K9DX WWKEA W7RM KBØG NØGA K2AA G K2AA G W2GD K7JA W7BUN W2GD K7JA W7BUN W3LPA N8FU  KØRF KI60 K5TA —</td>	1,166 47 1,936 39 1,798 42 2,376 28 1,806 18 1,806 18 1,806 18 1,806 18 1,806 18 1,806 18 1,806 18 1,806 18 1,206 10 1,206	KBAZ N5DU W2YV K1WA WA7NII K9RS KØUK K7RI — WØEJ K2YY WB3EM KØSCM N3DAY K7JA AJ7Y K7GEX KS2G NB8K	WABYVR K5L2O/IN5JJ W2RQ K1TO N WATNIIN K9DX WWKEA W7RM KBØG NØGA K2AA G K2AA G W2GD K7JA W7BUN W2GD K7JA W7BUN W3LPA N8FU  KØRF KI60 K5TA —
Murphy's Marauders 2,73 Northern California Contest Club 2,43 Ill. Wind Contesters 1,88 Grand Mesa Contesters 1,13 Rubber Circle Contest Club 1,07 Frankford RC 1,07 Restern ARA 822 Restern ARA 822 Restern ARA 822 Restern Washington DX Club 1,07 Restern Washington DX Club 1,07 Restern Washington DX Club 1,07 Long Island Mobile ARC 40 COH-KY-IN ARS 255 Local Category 2 Colorado Contest Conspiracy 1,83 River City Contesters 1,27 Rew Mexico Big River Contester 1,27 Rew Mexico Big River Rester 1,27 Rew Mexico Big River Rester 1,27 Rester Rester 1,27 Restern 1,27 Res	1,798 42 8,806 18 8,806 18 7,764 17 ,648 14 ,268 12 ,056 16 ,260 30 ,946 25 ,280 17 ,578 19 ,426 11 ,290 16 ,554 14 ,228 11 ,392 9 ,024 10 ,554 10 ,392 9 ,024 10 ,392 9 ,024 10 ,392 9 ,024 10 ,392 9 ,024 10 ,557 10 ,570 7 ,392 7 ,280 7 ,392 9	N5DU W2YV K1WA WAYNIN K9RS KØUK K7RI — WØEJ K2YY WB3EM KØSCM N3DAY K7JA AJ7Y K7GEX KS2G NB8K	K5LZO/N/5JJ W2RQ K1TO N W47NIN K9DX W9KEA W7RM KBØG NØGA K2AA G WASYON KØSCM W2GD K7JA W7BUN AG7M W2LPA N8FU  KØRF KI60 K5TA —
Murphy's Marauders 2,73 Northern California Contest Club 2,43 III. Wind Contesters 1,88 Grand Mesa Contesters 1,13 Rubber Circle Contest Club 1,10 South Jersey Radio Assn. 1,09 Murgas ARC 1,07 Frankford RC 1,07 Frankford RC 82 Western ARA 82 RC of Tacoma 80 Western Washington DX Club 1,07 Royal Contestern Washington DX Club 1,07 Royal Colorado Contest Conspiracy 1,83 River City Contesters 1,27 Royal Category 1,83 Royal Royal Contesters 1,27 Royal Roy	1,798 42 8,806 18 8,806 18 7,764 17 ,648 14 ,268 12 ,056 16 ,260 30 ,946 25 ,280 17 ,578 19 ,426 11 ,290 16 ,554 14 ,228 11 ,392 9 ,024 10 ,554 10 ,392 9 ,024 10 ,392 9 ,024 10 ,392 9 ,024 10 ,392 9 ,024 10 ,557 10 ,570 7 ,392 7 ,280 7 ,392 9	K1WA WA7NIN K9RS KØUK K7RI — WØEJ K2YY WB3EM KØSCM N3DAY K7JA AJ7Y K7GEX KS2G NB8K  KØRF KI6O KSTA KN8R	K 1TO N WATNIN K9DX W0KEA W7RM K8ØG K2AA G WA3YON K8SCM W2GD K7JA W7BUN AG7M W2LPA N8FU
III. Wind Contesters	,806 18 ,764 17 ,648 14 ,268 12 ,056 16 ,260 30 ,946 25 ,280 17 ,578 19 ,426 11 ,229 16 ,221 12 ,332 9 ,024 10 ,335 11 ,339 7 ,570 7 ,570 7 ,570 7 ,570 7 ,242 8	WA7NIN K9RS K9UK K7RI  W0EJ K2YY WB3EM K9SCM N3DAY K7JA AJ7Y K7GEX KS2G NB8K  KØRF K16O K5TA KN8R	N WATNIN K9DX W0KEA W7RM KBØG NØGA K2AA G WA3YON KØSCM W2GD K7JA W7BUN AG7M W2LPA N8FU  KØRF KI60 K5TA
III. Wind Contesters	,806 18 ,764 17 ,648 14 ,268 12 ,056 16 ,260 30 ,946 25 ,280 17 ,578 19 ,426 11 ,229 16 ,221 12 ,332 9 ,024 10 ,335 11 ,339 7 ,570 7 ,570 7 ,570 7 ,570 7 ,242 8	K9RS KØUK K7RI  WØEJ K2YY WB3EM KØSCM N3DAY K7JA AJ7Y K7GEX KS2G NB8K  KØRF KI6O KSTA KN8R	K9DX WØKEA W7RM KBØG NØGA K2AA G WASYON KØSCM W2GD K7JA W7BUN W2LPA N8FU  KØRF KI60 K5TA —
South Jersey Radio Assn. 1,09 Murgas ARC 1,07: Lincoln ARC 1,07: Frankford RC 82: Western ARA 82: Western Washington DX Club 50: Long Island Mobile ARC 40: OH-KY-IN ARS 25:  Local Category 50: Colorado Contest Conspiracy 1,83: River City Contesters 1,27: New Mexico Big River Contesters 98: Northern Ohio ARS 85: Mile Hi DX Assn. 83: Central Florida DX Assn. 83: Twin City DX Assn. 83: Central Florida DX Assn. 83: Central Arizona DX Assn. 83: Central Arizona DX Assn. 83: Central Florida DX Assn. 83: Southern California Contest Club 57: Reading RC 50: Kettle Moraine Radio Amateurs 49: Eastern Michigan ARC 48: Sevier County ARC 47: Ashtabula County ARC 47: Ashtabula County ARC 42: Schenectady ARA 41: Binghamton ARA 38: Willamette Valley DX Club 38: Point Radio Operating Society 38: Billerica ARS 36: South Florida DX Assn. 37: South Florida ARS 36: Fort Wayne RC 36: Rochester (NY) DX Assn. 32: Southeastern DX Club 32: Utica ARC 36: Norwood ARC 28: Rochester RAD 32: For River Radio League 28: Central Michigan ARC 25: Spilt Rock ARA 25: Morton Area DX Assn. 25: Morton Area DX Assn. 25:	1,256 16 1,946 25 1,280 17 1,578 19 1,2290 16 1,218 12 1,2554 14 1,228 11 1,392 9 1,024 10 1,354 10 1,354 10 1,354 10 1,357 7 1,570 7 1,242 8 1,454 6	K7RI WØEJ K2YY WBSEM KØSCM N3DAY K7JA AJ7Y K7GEX KS2G NB8K  KØRF KI6O K5TA KN8R	W7RM KBØG KBØG NØGA KZAA G WASYON KØSCM W2GD K7JA W7BUN AG7M W2LPA N8FU  KØRF KI60 K5TA
South Jersey Radio Assn. 1,09 Murgas ARC 1,07: Lincoln ARC 1,07: Lincoln ARC 1,07: Frankford RC 82: Western ARA 82: Western Washington DX Club 50: Long Island Mobile ARC 40: OH-KY-IN ARS 25: Local Category 50: Local Category 50: Local Category 50: Local Category 60: Colorado Contest Conspiracy 1,83: River City Contesters 1,27: New Mexico Big River Contesters 98: Northern Ohio ARS 85: Mile Hi DX Assn. 83: Central Florida DX Assn. 83: Twin City DX Assn. 83: Central Florida DX Assn. 83: Central Arizona DX Assn. 83: Central Arizona DX Assn. 83: Central Florida DX Assn. 83: Central Arizona DX Assn. 83: Southern California Contest Club 57: Reading RC 50: Kettle Moraine Radio Amateurs 49: Eastern Michigan ARC 48: Sevier County ARC 47: Ashtabula County ARC 47: Ashtabula County ARC 47: Ashtabula County ARC 48: Sillerica ARS 38: Willamette Valley DX Club 38: Point Radio Operating Society 38: Billerica ARS 37: South Florida DX Assn. 37:	1,256 16 1,946 25 1,280 17 1,578 19 1,2290 16 1,218 12 1,2554 14 1,228 11 1,392 9 1,024 10 1,354 10 1,354 10 1,354 10 1,357 7 1,570 7 1,242 8 1,454 6	WØEJ K2YY WB3EM KØSCM N3DAY K7JA AJ7Y K7GEX KS2G NB8K  KØRF KI6O KSTA KN8R	KBØG NØGA K2AA G WASYON KØSCM W2GD K7JA W7BUN AG7M W2LPA NBFU  KØRF KI60 K5TA
South Jersey Radio Assn. 1,09 Murgas ARC 1,07: Lincoln ARC 1,07: Frankford RC 82: Western ARA 82: Western Washington DX Club 50: Long Island Mobile ARC 40: OH-KY-IN ARS 25:  Local Category 50: Colorado Contest Conspiracy 1,83: River City Contesters 1,27: New Mexico Big River Contesters 98: Northern Ohio ARS 85: Mile Hi DX Assn. 83: Central Florida DX Assn. 83: Twin City DX Assn. 83: Central Florida DX Assn. 83: Central Arizona DX Assn. 83: Central Arizona DX Assn. 83: Central Florida DX Assn. 83: Southern California Contest Club 57: Reading RC 50: Kettle Moraine Radio Amateurs 49: Eastern Michigan ARC 48: Sevier County ARC 47: Ashtabula County ARC 47: Ashtabula County ARC 42: Schenectady ARA 41: Binghamton ARA 38: Willamette Valley DX Club 38: Point Radio Operating Society 38: Billerica ARS 36: South Florida DX Assn. 37: South Florida ARS 36: Fort Wayne RC 36: Rochester (NY) DX Assn. 32: Southeastern DX Club 32: Utica ARC 36: Norwood ARC 28: Rochester RAD 32: For River Radio League 28: Central Michigan ARC 25: Spilt Rock ARA 25: Morton Area DX Assn. 25: Morton Area DX Assn. 25:	1,256 16 1,946 25 1,280 17 1,578 19 1,2290 16 1,218 12 1,2554 14 1,228 11 1,392 9 1,024 10 1,354 10 1,354 10 1,354 10 1,357 7 1,570 7 1,242 8 1,454 6	K2YY WB3EM KØSCM N3DAY K7JA AJ7Y K7GEX KS2G NB8K  KØRF KI6O KSTA	KZAA G WA3YON KØSCM WZGD K7JA W7BUN AG7M WZLPA N8FU KØRF KI60 K5TA
Miligas ARC	1,946 25 1,280 17 1,578 19 1,426 11 1,290 16 1,218 12 1,554 14 1,228 11 1,392 9 1,024 10 1,570 6 1,354 10 1,354 10 1,354 10 1,357 7 1,570 7 1,570 7 1,242 8 1,454 6	WB3EM KØSCM N3DAY K7JA AJ7Y K7GEX KS2G NB8K KØRF KI6O K5TA KN8R	G WASYON KØSCM W2GD K7JA W7BUN AG7M W2LPA N8FU  KØRF KI60 K5TA
Local Category	7,392 9 9,024 10 2,570 6 1,354 10 9,398 7 1,570 7 1,242 8 1,454 6	KØSCM N3DAY K7JA AJ7Y K7GEX KS2G NB8K KØRF KI6O K5TA KN8R	KØSCM W2GD K7JA W7BUN AG7M W2LPA N8FU KØRF KI60 K5TA
Local Category	7,392 9 9,024 10 2,570 6 1,354 10 9,398 7 1,570 7 1,242 8 1,454 6	K7JA AJ7Y K7GEX KS2G NB8K  KØRF KI6O K5TA KN8R	K7JA W7BUN AG7M W2LPA N8FU KØRF K160 K5TA
Local Category	7,392 9 9,024 10 2,570 6 1,354 10 9,398 7 1,570 7 1,242 8 1,454 6	AJ7Y K7GEX K82G NB8K KØRF K16O K5TA KN8R	W7BUN AG7M W2LPA N8FU KØRF KI60 K5TA
Local Category	7,392 9 9,024 10 2,570 6 1,354 10 9,398 7 1,570 7 1,242 8 1,454 6	KS2G NB8K KØRF KI6O K5TA KN8R	W2LPA N8FU KØRF KI60 K5TA
Local Category	7,392 9 9,024 10 2,570 6 1,354 10 9,398 7 1,570 7 1,242 8 1,454 6	NB8K KØRF KI6O K5TA KN8R	KØRF KI60 K5TA
Colorado Contest Conspiracy   1,83     River City Contesters   1,27     New Mexico Big River Contesters   98     Northern Ohio ARS   85     Mile Hi DX Assn.   83     Central Florida DX Assn.   83     Central Florida DX Assn.   63     Central Arizona DX Assn.   63     Southern California Contest Club   57     Reading RC   50     Kettle Moraine Radio Amateurs   43     Eastern Michigan ARC   47     Sattabula County ARC   47     Ashtabula County ARC   42     Schenectady ARA   41     Binghamton ARA   38     Willamette Valley DX Club   38     Point Radio Operating Society   38     Billerica ARS   37     South Florida DX Assn.   37     South Florida DX Assn.   37     South Florida DX Assn.   37     South Florida ARS   36     Fort Wayne RC   36     North Florida ARS   36     Fort Wayne RC   35     Rochester (NY) DX Assn.   32     Norwood ARS   29     Hollywood ARC   28     Fox River Radio League   28     Central Michigan ARC   28     Wichita ARC   25     Split Rock ARA   25     Morton Area DX Assn.   25     South Florida ARC   25     Split Rock ARA   25     Morton Area DX Assn.   25     South Florida ARC   25     Split Rock ARA   25     Morton Area DX Assn.   25     South Florida ARS   25     Split Rock ARA   25     Morton Area DX Assn.   25	9,024 10 ,570 6 ,354 10 ,398 7 ,570 7 5,242 8	KI6O K5TA KN8R	KI60 K5TA —
River City Contesters	9,024 10 ,570 6 ,354 10 ,398 7 ,570 7 5,242 8	KI6O K5TA KN8R	KI60 K5TA —
New Mexico Big River Contesters         98           Northern Ohio ARS         85           Mile Hi DX Assn.         83           Central Florida DX Assn.         80           Twin City DX Assn.         63           Southern California Contest Club         57           Reading RC         50           Kettle Moraine Radio Amateurs         49           Eastern Michigan ARC         48           Sevier County ARC         47           Ashtabula County ARC         42           Schenectady ARA         41           Binghamton ARA         38           Williamette Valley DX Club         38           Willamette Valley DX Club         38           Billerica ARS         37           South Florida DX Assn.         37           South Florida ARS         36           Fort Wayne RC         35           Rochester (NY) DX Assn.         33           Southeastern DX Club         32           Utlca ARC         30           Norwood ARS         29           Hollywood ARC         28           Fox River Radio League         28           Central Michigan ARC         25           Wichita ARC         25 <td>2,570 6 3,354 10 3,398 7 5,570 7 5,242 8 3,454 6</td> <td>K5TA KN8R</td> <td>K5TA</td>	2,570 6 3,354 10 3,398 7 5,570 7 5,242 8 3,454 6	K5TA KN8R	K5TA
Central Florida DX Assn.         83           Twin City DX Assn.         80           Central Arizona DX Assn.         63           Southern California Contest Club         57           Reading RC         50           Kettle Moraine Radio Amateurs         49           Eastern Michigan ARC         48           Sevier County ARC         47           Ashtabula County ARC         42           Schenectady ARA         41           Binghamton ARA         38           Willamette Valley DX Club         38           Point Radio Operating Society         38           Billerica ARS         37           South Florida DX Assn.         37           South Florida ARS         36           Fort Wayne RC         35           Rochester (NY) DX Assn.         33           Southeastern DX Club         32           Utica ARC         30           Norwood ARS         29           Hollywood ARC         28           Fox River Radio League         28           Central Michigan ARC         28           Wichita ARC         25           Split Rock ARA         25           Morton Area DX Assn.         25	5,570 7 5,242 8 3,454 6		- Naic
Central Florida DX Assn.         83           Twin City DX Assn.         80           Central Arizona DX Assn.         63           Southern California Contest Club         57           Reading RC         50           Kettle Moraine Radio Amateurs         49           Eastern Michigan ARC         48           Sevier County ARC         47           Ashtabula County ARC         42           Schenectady ARA         41           Binghamton ARA         38           Willamette Valley DX Club         38           Point Radio Operating Society         38           Billerica ARS         37           South Florida DX Assn.         37           South Florida ARS         36           Fort Wayne RC         35           Rochester (NY) DX Assn.         33           Southeastern DX Club         32           Utica ARC         30           Norwood ARS         29           Hollywood ARC         28           Fox River Radio League         28           Central Michigan ARC         28           Wichita ARC         25           Split Rock ARA         25           Morton Area DX Assn.         25	5,570 7 5,242 8 3,454 6	-	
Twin City DX Assn.         80           Central Arizona DX Assn.         631           Southern California Contest Club         57           Reading RC         50           Kettle Moraine Radio Amateurs         49           Eastern Michigan ARC         48           Sevier County ARC         47           Ashtabula County ARC         42           Schenectady ARA         411           Binghamton ARA         38           Willamette Valley DX Club         38           Point Radio Operating Society         38           Billerica ARS         37           South Florida DX Assn.         37           Gloucester County ARC         37           Lynchburg ARC         36           North Florida ARS         36           For Wayne RC         36           Rochester (NY) DX Assn.         33           Southeastern DX Club         32           Utica ARC         30           Norwood ARS         29           Hollywood ARC         28           Fox River Radio League         28           Central Michigan ARC         25           Wichita ARC         25           Wichita ARC         25	3,242 8 3,454 6		N2IC N4SA
Southern California Contest Club   577     Reading RC	0,404		NØNO
Kettle Moraine Radio Amateurs         49           Eastern Michigan ARC         48           Sevier County ARC         47           Ashtabula County ARC         42           Schenectady ARA         41           Binghamton ARA         38           Willamette Valley DX Club         38           Point Radio Operating Society         38           Billerica ARS         37           South Florida DX Assn.         37           South Florida DX Assn.         37           North Florida ARS         36           Fort Wayne RC         35           Rochester (NY) DX Assn.         33           Southeastern DX Club         32           Utica ARC         30           Norwood ARS         29           Hollywood ARC         28           Fox River Radio League         28           Central Michigan ARC         28           Wichita ARC         25           Split Rock ARA         25           Morton Area DX Assn.         25	,804 9	K7OX N6TR	K70X —
Eastern Michigan ARC         48           Sevier County ARC         47           Ashtabula County ARC         426           Schenectady ARA         418           Binghamton ARA         38           Willamette Valley DX Club         38           Point Radio Operating Society         38           Billerica ARS         37           South Florida DX Assn.         37           Gloucester County ARC         36           North Florida ARS         36           Fort Wayne RC         35           Rochester (NY) DX Assn.         33           Southeastern DX Club         32           Utica ARC         30           Norwood ARS         29           Hollywood ARC         28           Fox River Radio League         28           Central Michigan ARC         28           Wichita ARC         25           Split Rock ARA         25           Morton Area DX Assn.         25	3,366 10	WA3SP.	
Sevier County ARC	1,486 10 1,686 7	W9XT K8DD	W9XT K8DD
Schenectady AHA	,244 4	_	_
Binghamton ARA         38           Willamette Valley DX Club         38           Point Radio Operating Society         38           Billerica ARS         37           South Florida DX Assn.         37           Gloucester County ARC         36           Lynchburg ARC         36           North Florida ARS         36           Fort Wayne RC         35           Rochester (NY) DX Assn.         33           Southeastern DX Club         32           Utlca ARC         30           Norwood ARS         29           Hollywood ARC         28           Fox River Radio League         28           Central Michigan ARC         28           Wichita ARC         25           Split Rock ARA         25           Morton Area DX Assn.         25	1,538 9 1,538 5	AI8S W2ARQ	_
Point Hadio Operating Society   38	,460 6	WB2QPI	
Billerica ARS       37         South Florida DX Assn.       37         Gloucester County ARC       37         Lynchburg ARC       36         North Florida ARS       36         Fort Wayne RC       35         Rochester (NY) DX Assn.       33         Southeastern DX Club       32         Utica ARC       30         Norwood ARS       29         Hollywood ARC       28         Fox River Radio League       28         Central Michigan ARC       28         Wichita ARC       25         Split Rock ARA       25         Morton Area DX Assn.       25	,138 3	_	_
Gloucester County ARC   374	,890 10	K1AR	K1AR
Lynchburg ARC         36           North Florida ARS         36           Fort Wayne RC         35           Rochester (NY) DX Assn.         33           Southeastern DX Club         32           Utica ARC         30           Norwood ARS         29           Hollywood ARC         28           Fox River Radio League         28           Central Michigan ARC         28           Wichita ARC         25           Split Rock ARA         25           Morton Area DX Assn.         25	,486 10,686 77,244 4 4,5538 9 5,538 9 5,5460 6 3,696 3 3,138 3 3,138 3 3,138 3 3,158 6,982 4 6,890 10,920 3 6,566 77,714 77,664 4 4 4,864 77,784 77,616 4 5,676 8 6,688 6 6,052 5 3,000 4 8,898 6 6,052 5 3,100 3 3 3,100 3 3 3,100 3 3 3,100 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	_	N2BK
Fort Wayne RC         35           Rochester (NY) DX Assn.         33           Southeastern DX Club         32           Utlca ARC         30           Norwood ARS         29           Hollywood ARC         28           Fox River Radio League         28           Central Michigan ARC         28           Wichita ARC         25           Split Rock ARA         25           Morton Area DX Assn.         25	,904 8	AA4FF	AA4FF
Rochester (NY) DX Assn.       332         Southeastern DX Club       322         Utica ARC       307         Norwood ARS       292         Hollywood ARC       28         Fox River Radio League       28         Central Michigan ARC       28         Wichita ARC       25         Split Rock ARA       25         Morton Area DX Assn.       25	i,982 4	KR9V	_
Utica ARC       307         Norwood ARS       292         Hollywood ARC       283         Fox River Radio League       283         Central Michigan ARC       28*         Wichita ARC       255         Split Rock ARA       256         Morton Area DX Assn.       255	,098 6	AF2K	=
Norwood ARS         292           Hollywood ARC         283           Fox River Radio League         283           Central Michigan ARC         28           Wichita ARC         255           Split Rock ARA         256           Morton Area DX Assn.         257	2,166 5	MA2A	W4BTZ NA2Q
Fox River Radio League 28/ Central Michigan ARC 28/ Wichita ARC 25/ Spilt Rock ARA 25/ Morton Area DX Assn. 25/	614 6	WA1EO	T KICB
Central Michigan ARC         28*           Wichita ARC         25t           Split Rock ARA         256           Morton Area DX Assn.         25	3,864 4	N4BP K9BQL	K9LUW
Split Rock ARA 256 Morton Area DX Assn. 256	,158 8		W8VPC
Morton Area DX Assn. 252	5,798 5	WB2WI	_
	,340 3	- VVD2VVII	` =
Robbinsdale ARC 250 Rockford ARA 249	),200 4 ),676 8	K9LJN	WBØHRX
Ventura County ARC 227	,668 6	K6VMN	
Northrop RC 220	),898 6 ),052 5	K6HRT	W1ODY
Dayton ARA 209	,100 3	=	W IOD I
Sandy River ARC 202	2,612 4	- NONINA	_
Chautauqua County Amateur FM Assn. 16	5,760 4 7,558 5	N2NW WB2YQ	o <del>-</del>
Valley RC of Eugene 162	2,210 4	AI7W	_
Motor City RC 143	5,694 5 2,116 6	_	K8SIA
RIP Van Winkle ARS	9,804 4	_	
Canton ARC 12- Saginaw Valley ARA 12-	1,018 5 3,080 4	=	WA8ADA KO8M
Rowan ARS 119	3.424 4	N4UH	_
West Park Radiops 11: L'Anse Creuse ARC 11:	5,839 5 2,616 8	AF8C WA8QA	.F —
Grumman ARC 10	, , , , , , , , , , , , , , , , , , ,	W2DKM	
Cuyahoga Falls ARC Dixie DXers Contest Club 8	5,068 5	KD8GC	_
Poway ARS 8	3,068 5 5,166 5 1,952 3		_
West Allis RAC 8 W/K ARC of Greater Milwaukee 7	5,068 5 5,166 5 1,952 3 2,270 3	_	_
Framingham ARA 74	3,068 5 5,166 5 4,952 3 2,270 3 1,000 3	_	_
Southern California Contest Club 6	3,068 5 5,166 5 1,952 3 2,270 3 1,000 3 5,346 3		_
Davenport RAC 5	3,068 5,166 5,166 5,1952 3,000 3,5,346 3,1,756 3,3,412 3,3,002 3	AI6E	_
Middle Tennessee ARS 44 Overlook Mountain ARC 44	5,068 5 1,952 3 1,000 3 1,000 3 1,756 3 3,412 3 3,022 3	AI6E  K9AYK	
Megahertz Manor Maniacs 3	3,088 5 1,952 3 2,270 3 1,000 3 1,756 3 1,412 3 1,412 3 1,022 3 1,234 4 1,768 6 1,768 6		=
Columbus ARA 3	1,952 3 2,270 3 1,000 3 5,346 3 1,756 3 3,412 3 3,022 3 7,234 4 3,768 3 2,404 6 1,984 3		Ξ

shakedown for the Jedi amateur station. Next year I snakedown for the Jedu anateur station. Next year in hope the Force is with me on 40 meters (K7JA). This was my first phone SS with a cold, but it sure was a nice place to be sick (A16V/KH6). Conditions were excellent. Two senior citizens, the Geritol Set, had a great time (W6BIP and WA6DT1). This was the first time in four years that we made it through the whole in the wide without someone accidentally shutting the weekend without someone accidentally shutting the power switch off and knocking out our computerized log (WB7TXM). I really enjoyed my first SS. I am 12 years old and am a YL. I was first licensed in '83 as a Novice. Just this summer I received my Advanced

class license. I am really looking forward to next year's contest (KA7PGW). When Murphy fails, watch out for an act of God; during the SS on Sunday morning, the new church 1½ blocks away gave me a frantic call. It appears that they were hearing the SS on their new PA system during the Silent Prayer. QRT!! (W7FGT).

# **FEEDBACK**

Please refer to pages 89-98 of May 1983 QST for the following correction: The second place phone multiop station in Oregon should be K7GDN, not K7GON.

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# **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 output power used (A = 150 watts or less, B = more than 150 watts). Example: In Connecticut, K1TO worked 1038 stations in 74 sections for a final score of 153,624 points. He operated for 22 hours and used more than 150 watts.

CW		Rhode Island	Southern New Jersey	N3DAY 10,952- 74-74-13-A W3CNS 8064- 96-42- 3-A	N4XM 112,036- 757-74-22-B WM4T 110,852- 749-74-24-B
		K1NG (KI1G,opr.)	W2GD 158.212-1069-74-24-B	N3CZB 5148- 66-39- 9-A	WB4FOT 83,952- 583-72-24-A
1		125,504- 848-74-24-B	K2AA (W2LYL, opr.)	WB3IWZ 4488- 66-34- 6-B	K3PI 83,860- 599-70-24-A KD4U 34,432- 269-64-15-A
Connecticu	t	KM1X 74,160- 515-72-17-B KS1J 69,414- 503-69-24-A	88.476- 606-73-24-A K2YY 83.580- 597-70-10-B	WA3JXW 3410- 55-31-10-A KA3BXD 2856- 51-28- 6-A	KD4U 34,432- 269-64-15-A KF4AV 5304- 78-34- 3-B
	News are Selfa	W1RFQ 9400- 100-47- 4-A	K2MK 77.472- 538-72-24-A	KA3IWW 2408- 43-28- 8-A	NO4R (+ KA4TAY, N4s IRX, TY)
(1TO	153,624-1038-74-22-B	WA1RKL 180- 10- 9- 1-A	W2PAU 54.144- 376-72-14-B	K3YTL (AD3L, opr.)	109.520- 740-74-23-B
V1WEF	147,112- 994-74-24-B	W10P (K1s HGC,JNJ,KA1AWS,	K2HPV 52.126- 389-67-18-A	84- 7- 6- 1-A	AA4RX (+ KA4JEE, N4JLU, WK4D)
(1XA (1WA	140,748- 951-74-24-B 116,216- 796-73-23-B	N1s, AKO,BBM,W1GS, oprs.)	N2BK 47.232- 369-64-23-A K2OSV 45.540- 345-66-18-B	KQ3R (+ KF3Y,KQ3P,N3DPN)	88,128- 612-72-24-A
AJ1G	109,062- 747-73-24-B	52,542- 417-63-18-B WB1FDY (+ KA1s DUV,KCD)	K2OSV 45.540- 345-66-18-B N2BCF 42.496- 332-64-12-A	100,678- 709-71-24-B WB3CAI (+ KB3QI)	North Carolina
N1OD	106.856- 722-74-19-A	26,620- 242-55-17-A	WB2UVB 36.828- 279-66-17-A	56.712- 417-68-19-B	
W1GNR	105,222- 741-71-24-B		WA2KOK 29,402- 241-61-15-B	N3AY (+ K3EIP)	W6NWS/4 74,606- 511-73-24-A
K1RM	99,456- 672-74-17-B	Vermont	W2CN 26,352- 216-61-20-B	38,080- 280-68-18-A	K4JEX 60,480- 432-70-12-A K1ED 32,160- 268-60-12-A
V1ECH (8VHT	85,988- 581-74-22-A 85,410- 585-73-24-A	WB1GQR 122,544- 851-72-24-B	W2FGY 19,250- 175-55-19-B W2BLV 16,632- 126-66-12-A	K3OO (+ NET) 32,264- 218-74-10-A	K1ED 32,160- 268-60-12-A NK4Q 31,682- 217-73-20-A
AA2Z	82,732- 559-74-14-A	K1IK 80,364- 543-74-15-A	N2EZ 8600- 100-43-13-A	K3NZ ( + NET)	N4QY 16.016- 143-56-13-B
N1CC	81,844- 553-74-16-A	WA1GUV 64,610- 455-71-22-A	KA2BEW 8400- 100-42- 6-A	28.564- 193-74-11-A	
(1DW	79,240- 566-70-24-A	W1KQ 33,000- 300-55-11-B	W2HBE 7800- 100-39-11-A	WB3FAA ( + KA3ILD,WB3JPC)	Northern Florida
V1ODY	70,932- 514-69-16-A		WA2DHD 6764- 89-38-15-A	21.780- 198-55- 7-B	154 CCO 1045 74 24 B
(A1CI V1BIH	66,920- 478-70-24-A 66,156- 447-74-12-B	Western Massachusetts	W2GND 6566- 67-49- 5-A N2MR 3016- 52-29- 3-A	N3CSG (+ N3LR) 21,016- 142-74-20-A	N4SA 154,660-1045-74-24-B K4XS 129,648- 888-73-24-A
(1GX	65,940- 471-70-11-B	KB1W 109,964- 743-74-21-B	KA2CQX 24- 4- 3- 1-A	21,010 142 14 20 11	N4WW 109,198- 769-71-16-B
(8KA/1	60,912- 423-72-21-A	WB1HIH 77,248- 568-68-15-B	AB2Y ( + AB2Z, WA2s NBL, VYA,	Maryland · D.C	NX4N 67,744- 464-73-11-B
K1YRP	60,168- 436-69-13-A	N1CKW 71,426- 503-71-23-A	WB2BYU)		K4VRT 38,912- 304-64-16-A
K1BV	53,170- 409-65-11-B	WA1ZAM 29,116- 251-58-17-A	121,472- 832-73-24-B	W3LPL 162,356-1097-74-24-B	W4VQ 31,624- 236-67-11-A
KA1VC W1HV	47,520- 396-60-24-B 45,424- 334-68-23-A	K1FIR 22,464- 208-54- 9-B KS1N 20,384- 208-49-18-A	Western New York	N2FB 148,482-1017-73-24-B N3RL (WD4AXM, opr.)	W4ILE 23,540- 214-55-16-A NU4Y 828- 23-18- 2-A
WA1FCN	45,140- 305-74-18-A	W1JP 6200- 100-31- 5-A	Western New York	142,524- 963-74-24-B	WC4E (+ AK4C)
VA2WIP	43,810- 337-65-11-A	WB1EYL 2080- 40-26- 7-A	K2IGW (WA2LCC.opr.)	N3AM 137,344- 928-74-24-B	105,840- 735-72-22-A
KM1G	41,072- 302-68-18-B	KA1KPH 1134- 27-21- 6-A	133,940- 905-74-24-B	K3NA 136,604- 923-74-24-B	N4UF (+ NR4E)
(G1D	36,698- 311-59-18-B	W1YK (AK1J,KA1KUB,N1BLM.	K2ZJ 119.428- 818-73-21-B	KA1GD 120,768- 816-74-23-B	84,680- 580-73-24-B
(M1P	35,216- 284-62-12-A	WA2YHZ. oprs.)	KQ2K 93.862- 661-71-24-A	K3ZZ 120,324- 813-74-24-B	South Carolina
VA1LJP (T1I	31,920- 280-57-17-B 30,480- 254-60-24-A	23.520· 210-56-11-A	W2TZ 91,632- 664-69-15-A WØROE 79,660- 569-70-22-A	WA3KCY 115,144- 778-74-24-B K3TM 110,260- 745-74-24-A	South Carolina
INYK	30,480- 254-60-24-A 30,250- 275-55- 9-B		W2HPF 78,256- 536-73-16-B	K3HPG 95,164- 643-74-17-A	WQ4V 67,744- 464-73-12-B
V1PMR	28.404- 263-54-14-A		WA2DHS 74.888- 506-74-22-A	W3FG 88,948- 601-74-24-A	N4EE 23,256- 204-57-14-A
(1DM	26,880- 224-60- 9-B	2	K2MQY 57.456- 399-72-19-A	K3SA 87,320- 590-74-15-B	K4ADI 2500- 50-25- 3-A
A1JQW	18,000- 180-50-22-A	F	N2EAW 49.432- 334-74-21-A	KI3L 86,762- 611-71-19-B	WA4JJZ 338- 13-13- 2-A
V1XX	7168- 112-32- 2-B	Eastern New York	NA2Q 48.422- 341-71-22-A	W3HVQ 76,314- 553-69-18-B W3UJ 72,144- 501-72-14-B	Southern Florida
VB1EYI	4896- 72-34-10-A 4408- 58-38- 8-A	W2YV (KQ2M,opr.)	N2TW 47,320- 338-70-12-A N2JC (K2VD, opr.)	W3UJ 72,144- 501-72-14-B W3FA 70,290- 495-71-19-A	Southern Florida
VA3VIL KB1H	3328- 64-26- 2-B	146.224- 988-74-24-B	44,574- 323-69-15-A	WB3JRU 68,820- 465-74-14-B	K1ZX/4 145,040- 980-74-24-B
11JW( + K1		W2AZO 124,912- 844-74-24-B	W2GJ 40,560- 312-65-10-A	W3ICM 64,532- 442-73-20-B	N4BP 135,864- 918-74-24-B
	78,242- 551-71-19-A	K1ZM 110,704- 748-74-23-A	WA2EYA 40,120- 295-68-16-A	K2ITG 60,900- 435-70-20-B	W4WJ 122,544- 828-74-24-B
NA1KOJ (	+ WA1LVW)	W2ARQ 81,366- 573-71-24-B	K2XU 38,448- 267-72-12-B	K3DI 57,744- 401-72-13-B	WD4AHZ 58,108- 398-73-19-A
	56.718- 411-69-21-B	W2CRS 63,980- 457-70-21-A	KU2A 37,252- 278-67-23-B	W3GRF 56,420- 434-65- 9-B	N5FIY 42,780- 310-69-23-A
		W2SZ (WA2STM, opr.) 58,032- 403-72-14-A	KK2B 33,696- 234-72-24-A WA2FQE 33,150- 255-65-22-A	W3EE 46,632- 348-67-16-A K3RY 28,420- 203-70-22-A	KO4D 13,356- 126-53- 8-B N4GVT 5148- 66-39- 6-A
Eastern Ma	assachusetts	W2LMO 38,148- 289-66-20-A	N2GU 33,150- 255-65-22-A N2GU 33,048- 243-68-19-A	W3FQE 25,680- 214-60-16-B	
		K2QF 34,980- 265-66-10-B	N2CU 31,500- 250-63- 5-B	N3II 22,052- 149-74- 9-B	Terinessee
K1XM	141,636- 957-74-24-B	N2JJ 29,232- 203-72- 8-B	WB2YQH 28,400- 200-71-13-A	W3FX 11,750- 125-47-17-B	
K1VR	136,900- 925-74-24-B	AA2Y 27.144- 234-58-12-A	N4TW/2 16.610- 151-55- 7-A	N3GB 10,302- 101-51- 3-B	K4XU 136,900- 925-74-24-A
W1WAI	109,964 743-74-20-B	KD10/2 25,326- 201-63-15-A	KA1YE 14.280- 140-51- 9-A	W3TFA 7548- 102-37-11-A	N4ZZ 102,416- 692-74-24-B
K1AR K1CB	107,310- 735-73-14-B 98,256- 712-69-20-B	W2DW 24,428- 197-62- 5-B KU2Q 16,302- 143-57-13-A	KA2RDO 10,058- 107-47-21-A K2UAN 7412- 109-34- 9-A	N2API 4488- 68-33-13-A W3GN 4216- 68-31- 5-B	K4OAQ 79,660- 569-70-16-A WM4Z 63,948- 438-73-21-A
K1VUT	97,976- 662-74-24-A	K5NA 256- 16- 8- 2-B	WB2YQO 1292- 34-19- 3-A	W3FZV 2016- 48-21- 3-A	K3CQ 62,172- 471-66-15-B
WB1CNM	87,080- 622-70-24-B	N2EKS (+W2CS)	W2OW (N2s AEY,HR,N6IN, oprs)	W3UT 1020- 30-17- 1-A	NF4F 39,260- 302-65-14-A
WA2TBA	79,800- 570-70-24-A	84,656- 572-74-21-A	80,660- 545-74-21-B	K3AA ( + K3ZNV,KA3s, EWV,JMR,	WB4MUZ 38,488- 283-68-16-B
WA1UDH	63.332- 446-71-19-A	KW2D ( + KC2KK)	KW2J ( + KA2HJC,W2IMO)	KB4BYK, N3TE, N7IR)	WB4FNN 12,480- 104-60- 9-A
KC1Q WAØAXH	61,410- 445-69-16-B 59,432- 437-68-23-B	59,422- 407-73-24-A K2MME (+ K2CIB,N2s,BJG,DVX.	60,066- 423-71-24-A KA2OUO ( + KA2RSY)	47.570- 355-67-19-A	K4XO 10,952- 74-74- 8-A KF4TF 9374- 109-43-10-A
K1SEC	56,448- 441-64-24-B	WASMAZ. WB2UME)	53.198- 397-67-21-A	Western Pennsylvania	N4DW ( + KB4EX)
WIIHN	56,356- 386-73-13-B	44.980- 346-65-15-B	55.155 551 51 2171	Western Fermey, rame	90,724- 613-74-21-B
W1KEE	55.522- 391-71-22-A	N2DRR ( + N2EIK)		K3UA 160,876-1087-74-24-B	
K5MA/1	51,272- 377-68-11-A	8140- 110-37- 5-A	3	WA3FYJ 115,884- 783-74-24-A	Virginia
KA1CLV	45,440- 320-71-21-A	NVO Aless Island	Delaware	K3LWM 105,376- 712-74-24-B	K4PQL 136,604- 923-74-24-B
KC1F W1RND	42,380- 326-65- 7-B 33,852- 273-62- 9-A	N.Y.C. & Long Island	Stanate	N3ZZ 72,864- 506-72-20-A W3WC 51,336- 372-69-19-A	W4YE 119,574- 819-73-22-B
W8PS	31,584- 282-56-18-A	K2AU 118.252- 799-74-24-B	N8NA 76,942- 527-73-14-A	AG3H 46.080- 320-72-19-B	K2NA 119,288- 806-74-22-B
W1AX	29,600- 200-74-10-A	KA2AEV 94.868- 641-74-23-A	K3HBP 16,280- 148-55- 6-A	KG3V 42,380- 326-65-14-A	AA4FF 104,636- 707-74-24-A
K1UCA	26,864- 184-73-17-B	N2MG 86,876- 587-74-21-A		W3HDH 36,984- 268-69- 6-B	W4XD 75,336- 516-73-17-B
KE1U	24.128- 208-58- 6-A	K2SX 83.768- 566-74-13-B	Eastern Pennsylvania	KC3DA 35,960- 290-62-19-B	N4UU 72,520- 490-74-19-B
W1HH KA1GER	23,760- 198-60- 8-A 20,196- 187-54-19-A	W2LPA 49,580- 370-67-20-A WA2CBX 28,792- 236-61-10-A	KC3N 95,776- 656-73-24-A	WA3WAW 27,938- 229-61-11-B W3NGO 19,400- 194-50-12-A	K4FJ 71,000- 500-71-13-A KJ7K 68,018- 479-71-17-E
KA1GEP KB2R	17,688- 134-66-12-A	WA2CBX 28,792- 236-61-10-A WA2KRO 27,022- 229-59-11-B	KH6CP/3 95,312- 544-74-23-B	KA3GXP 13,566- 133-51- 9-A	W4RX 64,856- 484-67- 8-E
N1QY	15,408- 107-72-16-A	W2TCR 20,900- 190-55-16-A	K3WGR 83,232- 578-72-23-A	K3WGA 10,220- 73-70-15-A	KX4V 64,468- 454-71-16-A
KD1U	12,936- 132-49-16-A	WB2EZG 20.670- 195-53- 5-A	K3DTD 73,032- 537-68-24-A	K3CR (KI3C,WB3KKX, oprs.)	K4FPF 58,904- 398-74-22-A
KB1EW	10,208- 116-44-11-A	WA2SCI 16,072- 164-49- 7-B	K3TX 72,100- 515-70-20-B	98,568- 666-74-20-B	N3OS 56,658- 399-71-20-A
N1AJJ	8514- 99-43- 7-A	K2HVN 9024- 92-47-24-A	WA3JLD 71,424- 496-72-23-A KC3M 62,604- 423-74-20-A		N4MM 43,488- 302-72-20-A K4TM 42,880- 320-67-10-A
KQ1F W1PLJ	8510- 115-37- 7-A 7812- 93-42-10-B	W2KTF 8320- 104-40- 5-A WB2FMP 7138- 83-43-13-B	K3EGE 52.824- 372-71-14-A	4	K4TM 42,880- 320-67-10-A WD4ELJ 39,072- 296-66-20-A
KB1KM	7800- 75-52-15-A	W2DX 5700- 75-38- 4-A	WA3GLX 50,400- 400-63-11-A	All all and an artist and a second a second and a second	WB4J 38,860- 290-67-18-4
W1UU	6438- 87-37- 2-B	KA2QQT 1200- 30-20-14-A	K3VW 44,844- 303-74-24-A	Alabama	W4NM 28,248- 214-66-16-/
WA1EOT	5184- 81-32- 2-A	W2TNI 144- 9-8-2-A	WA3YON 40,524- 307-66-20-A		K4OD 27,572- 226-61- 7-8
W1TUM	4158- 63-33- 6-A	N2RQ 84- 7- 6- 4-A	W3DZH 37,536- 276-68-18-A	W4NTI 93,684- 633-74-20-A	K4JST 26,904- 236-57- 6-A
AJ1I	2700- 50-27- 1-A	N2CKN (+W2NN)	W3ADE 32,612- 263-62-15-A	K4IQJ 57,546- 417-69-16-A	WM4I 26,460- 210-63-12-A
KC1X	2600- 50-26- 2-A	1020- 30-17- 4-A	KR3I 32,128- 251-64-10-B W3CEI 31,598- 259-61-14-A	K4GSK 10,952- 74-74-15-A KB4EXX 9108- 99-46-19-B	N4JHN 23,548- 203-58-11-/
N1CLK	2100- 50-21- 6-A 2088- 36-29- 9-A	Northern New Jersey	W3MA 31,080- 210-74-13-B	100- 39-40-19-B	W3YY 22,776- 219-52- 6-8 N4RA 20,280- 195-52- 5-7
N1CVK	2000- 30-25- 5-A	Hollielli Hew Jersey	WA3SPJ 30,500- 250-61-21-B	Georgia	KD4NI 18,408- 177-52- 5-6
Maine		W2RQ 158,804-1073-74-24-B	N3CXB 29,184- 256-57- 9-A		W4KFC 14,994- 153-49- 3-4
	The second second	W2VJN (WA2ZKY, opr.)	KA3EWT 27,960- 233-60-21-A	K4BAI 140,896- 952-74-24-B	K4JSI 13,348- 142-47-14-
WB1GLH	41,480- 305-68-19-A	144,004- 973-74-23-B	W3BGN 27,000- 250-54- 5-A	W4BTZ 114,624- 796-72-24-B	N3JT 10,952- 74-74-14-
KS1G	32,864- 316-52- 6-B	KZ2S 137,788- 931-74-24-B	W3JPW 26,314- 223-59-22-A	K4BAM 90,864- 631-72-23-A	WA4MTP 9400- 100-47- 4-
AK1W	22,550- 205-55-19-A	KY2P 113,616- 789-72-24-A	N3DRF 24,966- 219-57-12-A AG3G 24,948- 231-54-14-A	W4QO 67,344- 488-69-23-A AA4GA 40,690- 313-65-11-A	WC4B 2200- 50-22- 1- N3BC 1470- 35-21-24-
KA1TJ W1KX (+1	21,252- 161-66-14-A K1PV)	AA2U 60,532- 409-74-24-A KW4E/2 49,368- 363-68-15-A	KB3GL 24,072- 204-59-15-A	K4EZ 34,968- 282-62- 8-B	N3RC 1470- 35-21-24- KB4EXV 364- 14-13-12-
WILV (+)	97,088- 656-74-24-A	KV4E/2 49,368- 363-66-15-A KI2Q 41,340- 318-65-15-A	W3ARK 24,012- 207-58- 6-A	NN4K 20,700- 207-50-23-B	W4POX (AA4AT,N4s FLF,GTU,
	31,000 000.14.E4.M	W2KWW 39,468- 286-69-14-A	WB3FYT 18,468- 171-54-16-A	N9ECB 16,968- 202-42-20-A	WA4TDS, oprs.)
New Ham	pshire	WA2ASQ 33,902- 253-67-22-A	K3ZUF 17,464- 118-74-15-B	KI4Y 16,188- 142-57-10-A	49,152- 384-64- 9-
		KT2B 29,760- 240-62-12-A	KB3JK 16,100- 161-50-10-B	AA4EI 4838- 59-21- 4-A	WI4B ( + WB4WDM)
K1FWE	127,132- 859-74-23-B	WA2UDT 22,880- 208-55- 8-A	WB3CAC 15,500- 155-50- 6-A	Kantushii	41,814- 303-69-19-
	31,842- 261-61-13-A	W2TI 14,076- 153-46- 8-A	KC3CB 15,484- 158-49-15-A	Kentucky	West Indias
	27 120 226 60 6 0	MOHOA FOOA 70 07 7 4			
W1JY K1GQ W1FT (W4	27,120- 226-60- 5-B A1UUA,opr.)	W2HCA 5624- 76-37- 7-A K2BJG 5610- 55-51-24-A	N3KR 15,300- 150-51- 9-A K3YD 11,730- 115-51- 4-A	N4AR 156,880-1060-74-24-B	West Indies

5	W6RGG 132,756- 897-74-24-B	W6PRI 27,032- 218-62-24-A	KC7QY 28,920- 241-60-17-A	West Virginia
Arkansas	W6OSP 93,456- 649-72-24-A K6ATV 64,184- 452-71-19-A	NS6V 27,008- 211-64-10-A N6RK 23,856- 213-56- 8-A	NC7O 17,490- 159-55-13-A	N8II (KC8C, opr.)
Arkanous	KS6H 60,384- 408-74-19-A	W6KZJ 16,014- 157-51-10-B	8	147,314-1009-73-24-B
KM5G 108,576- 754-72-24-A	K2GMY 59,764- 446-67-22-A	KA6URQ 3528- 49-36- 8-A	8	N8RR 121,064- 818-74-24-B
W5KL 17,360- 155-56- 4-B NI5D (K5SVS,KA5s KNO,POG,PTY,	N6EK 42,700- 305-70-24-A N6RO 22,440- 204-55- 3-B	K6AYB 3300- 50-33- 3-A KA6SIQ (+N6GTI)	Michigan	KD8G 106,856- 722-74-23-A KB8FJ 85,100- 575-74-16-B
ROK, KC5ZV,KD5FS,KY5M,N5s	K6MBV . 18,644- 158-59-18-A	336- 14-12-11-A	WA8YVR 159,100-1075-74-24-B	W4NW 78,884- 533-74-15-A
ERP,GGG,NM5O,W5s SED,SW, WA5s ROP,VVT,WB5s GFA,WNG.	NV6T 15,794- 149-53-12-A		K8CC 152,144-1028-74-24-B	WA3EOQ 71,978- 493-73-22-B W8JWX 20,886- 177-59- 7-A
WB5LRP,WD5s AHP,BIV, oprs.)	N6GRM 98- 7- 7- 2-A	7	KN8P 133,792- 904-74-24-B	W8TN 160- 10- 8- 2-A
38,586- 327-59-24-B	Los Angeles	Alaska	WA8RRR 128,464- 868-74-20-B K8DD 108,336- 732-74-15-B	
Louisiana	N6HC 110,814- 759-73-24-B	Alaska	KJ8A 98,420- 703-70-24-B	
Louisiana	NE6I 75,168- 522-72-16-B	AL7CQ 127,896- 876-73-24-B	AC8Y 91,522- 683-67-23-B	
W5XZ (K5GO, opr.)	KØYCB 51,612- 374-69-16-A	KL7DG 280- 14-10- 3-A	KC8JX 78,786- 547-72-20-A W8UE 78,440- 530-74-22-A	9
171,976-1162-74-24-B K5MC 88,596- 642-69-24-A	N6ZZ 20,100- 201-50- 4-B N6IC 18,396- 126-73-12-B	Arizona	W8UMP 73,982- 521-71-23-A	Illinois
W5WG 49,420- 353-70-23-A	W6OES 4158- 63-33-13-B	K6LL 174.640·1180·74·24·B	KS8Q 67,592- 476-71-24-B W8VPC 65,808- 457-72-18-A	
	W6UE (WA6OTU, opr.)	K6LL 174,640-1180-74-24-B K7GM 171,236-1157-74-24-B	AG8F 58,546- 401-73-24-A	K9DX 154,216-1042-74-24-B
Mississippi	3720- 62-30- 2-B WA6JNN 2378- 41-29- 7-A	K7OX 158,804-1073-74-24-B	N8EA 54,120- 410-66-10-A	K9KM 153,180-1035-74-24-B K9RS 142,524- 963-74-24-B
KC4WQ/5 100,594- 689-73-24-B	K6AA ( + K5TTE, WB6HEW)	W7ZMD 99,900- 675-74-22-A N7CPL 75,044- 514-73-21-A	WD8CJJ 53,312- 392-68-24-A KO8T 52,000- 400-65-11-B	K9BG 117,808- 796-74-20-B
N5XA 34,000- 250-68- 7-B	140,452- 949-74-24-B	W7YS 67,104- 466-72-27-A	K8SIA 49,270- 379-65-11-B	K9WA 109,964- 743-74-24-A KK9A 107,136- 744-72-24-A
WA5MUE 11,160- 93-60-10-A	WB6OBQ (AA4Q,W4PBC,WB6RNT, oprs) 68,320-488-70-24-A	W7FGT 64,416- 488-66-18-B	KA8NCR 49,266- 391-63-21-A	KK9A 107,136- 744-72-24-A WAØAVL 105,984- 736-72-24-B
New Mexico	N6ME ( + K6RVB, KX6V, WA6UYB	KC7V 34,710- 267-65-10-B K7HP 12,284- 83-74-12-B	KO8M 48,106- 356-67-16-A K8RDJ 45,500- 325-70-16-A	KM9P 104,044- 703-74-24-A
K5TA 172,864-1168-74-24-B	WB6BIM)	KA7RHP 6840- 90-38-12-A	W8QM 44,958- 381-59-21-B	K9ZO 101,084- 683-74-18-B K2PLF 100,962- 711-71-24-B
W5JW 156,732-1059-74-24-B	39,072- 296-66-24-A	W7LUY 2262- 39-29- 6-A	K8JLB 41,676- 302-69-10-B	K9JU 97,056- 674-72-23-A
AA5B 155,992-1054-74-24-B	Orange	WA7NWL 570- 19-15- 3-A	K8MW 40,700- 275-74-16-A KW8G 37,772- 266-71-15-B	N9TI 85,484- 602-71-15-B
W5TTE 31,850- 245-65-11-B	WA6JAH 146.584-1004-73-24-B	Idaho	NA8G 36,848- 329-56-20-A	KB9GN (N9EP.opr.) 84.952- 574-74-22-A
Northern Texas	K7JA 144,004- 973-74-24-A	W7NUW 470 500 4400 74 04 B	KASIIN 34,974- 261-67-21-B	N9AEJ 82,800- 575-72-20-B
	KZ6E 127,296- 884-72-24-A	K7NHV 172,568-1166-74-24-B K7TM 110,668- 758-73-21-A	K8SB 34,692- 294-59-11-A K8IFF 33,300- 225-74-18-B	W9RW 79,624- 538-74-12-B WD9DBC 73.500- 525-70-20-B
N5AU (K5ZD, opr.) 189,144-1278-74-24-B	WA6NGO 67,890- 465-73-23-A NU6Z 45,126- 327-69-23-A	K7QD 109,938- 753-73-19-A	W8URM 30,866- 253-61-11-A	WD9DBC 73,500- 525-70-20-B N9CW 71,852- 506-71-24-A
K5MM 153,772-1039-74-23-B	W6TCO 20,048- 179-56-11-A	KØEJ 101,232- 703-72-22-A	W8JKU 30,660- 210-73-21-B WA8OJR 29,512- 238-62-14-A	K9LUW 62,900- 425-74-21-A
K5RX (KM5R opr.)	KE6VY 9936- 108-46-18-A	K7JD 71,540- 511-70-15-B KN7W 69,412- 518-67-24-A	W8PVI 27,392- 214-64-13-A	WB9EEE 38.184- 258-74-20-A AG9E 34.100- 275-62-19-A
149,504-1024-73-24-B N5JB 131,424- 888-74-24-A	KA6SOP 7650- 85-45-21-A WB6AJV 7482- 87-43- 6-A	W7ZRC 35,754- 303-59- 6-A	WA3EYL 25,956- 206-63-13-A	K9BQL 31,944- 242-66-15-A
N5RM 129,940- 890-73-22-B	AI6E 6960- 87-40- 2-A	KK7A 2754- 51-27- 5-A	WB8SYA 25,200- 210-60-15-A WB8AAX 23,548- 203-58-11-A	K9PPW 30,080- 235-64-11-A
AF5K 119,436- 807-74-22-B	W6SX 2162- 47-23- 2-A	Montana	W8EGI 22.082- 181-61- 8-A	WA9MRU 30,016- 224-67-10-A
N5TP 107,152- 724-74-20-B K5MR 102,416- 692-74-16-B	WA6GFR 570- 19-15- 3-A N6FSK ( + KA6s NRH,RUX,WMV,		N8CQA 22.066- 187-59-15-A	KA9JNN 25,132- 206-61-15-A WD9FSE 22,848- 204-56-19-A
N5EG 101,154- 733-69-20-B	N6BCB,WB6WAJ)	KE7X 127,458- 873-73-24-B KØPP/7 89,836- 607-74-24-A	W8GBR 15,808- 152-52-12-A K8SAK 13,524- 138-49-10-A	WA9ZYG 21,168- 189-56-15-A
KW5P 89,096- 602-74-23-B	27,816- 228-61-24-A	WB7CFL 67,824- 471-72-24-A	N8AOE 8600- 100-43- 6-A	K9UQN 19,700- 197-50- 6-A W9HBI 15,698- 167-47-10-A
W9PL/5 86,250- 625-69-22-B N5RZ 84,592- 622-68-13-B	Pacific	W7LR 1610- 35-23- 2-A	W8TKW 8120- 116-35-10-A	W9REC 15,006- 123-61-12-A
KA5W 81,844- 553-74-22-A	racinc	KS7T (+ KA7GVI) 86,240- 616-70-20-B	KN8S 8064- 112-36- 4-B KE8X 270- 15- 9- 1-A	W9ZEN 12,690- 135-47- 6-A
KD4HZ/5 74,692- 526-71-22-A	KH6ND 107,892- 729-74-24-B	30,240° 010°70°20°B	KBAQM (+ KABPOW, KBBRH,	KA9LDS 9180- 102-45-15-A AK9Y 7524- 99-38- 6-A
KM5X 72,312- 524-69-14-B K5BDX 62,900- 425-74-18-A	AI6V/KH6 92,300- 650-71-22-B AH6EK ( + KH6XW)	Nevada	KC8KQ,W5ONL)	KA9NZI 3816- 53-36-10-A
W5AH 62,160- 444-70-24-B	176- 11- 8- 6-A	WA7NIN (W6OAT, opr.)	100,196- 677-74-24-B K8JRK (+ K8JM,KT8Y)	N9DRQ 3360- 56-30-11-A
KB5UL 56,240- 380-74-18-A NK5I 55,476- 402-69-19-A		159,248-1076-74-24-B	76.020- 543-70-17-B	W9AGM 3300- 50-33- 3-A W9PNE 1886- 41-23- 6-A
N5CR 32,232- 237-68- 7-A	Sacramento Valley	WA7UEC 151,404-1023-74-24-B	Obje	N9ANK 1302- 31-21- 7-A
KE5C 31,496- 254-62-11-A	KI60 141,192- 954-74-23-B	AK7G 73,414- 517-71-21-A W7IWR 30,736- 226-68-16-A	Ohio	KG9Z ( + N9AX)
K5KJ 27,132- 238-57- 8-A AF5B 27,060- 246-55-21-B	N6GG 129,056- 872-74-23-B		W8WPC (N9AG, opr.)	30,866- 253-61-17-A
K5GH 27,000- 225-60-10-B	K6SG 120,472- 814-74-24-B NB6G 111,836- 766-73-21-B	Oregon	140,008- 946-74-24-B W8FN 137,240- 940-73-24-B	Indiana
K5HM 26,786- 227-59-10-B	KF6A 106,412- 719-74-20-B	W7NI 148,148-1001-74-24-B	W8FN 137,240- 940-73-24-B K8NZ 129,500- 875-74-19-B	
KE5AH 26,786- 227-59-12-A N5DKW 24,396- 214-57-20-A	KV6H 101,470- 695-73-24-B	W7WHO 117,292- 826-71-24-A	W8LNO 128,612- 869-74-24-B	W9TG 146,372- 989-74-24-B
N4QS 22,572- 198-57- 5-A	KX6Z 30,600- 255-60-16-A W6EGX 30,600- 225-68-11-A	K7KJM 88,704- 616-72-24-A	K8AC 124,616- 842-74-23-B KU8E 109,520- 740-74-24-A	W9YB (N9NB, opr.) 134,088- 906-74-23-B
W5USJ 10,120- 110-46-15-A	K6BPB 28,080- 216-65-17-A	W7TC 82,232- 578-72-28-A K7PBZ 35,904- 264-68-17-A	KR8Y 95,484- 654-73-24-A	KE9I 110,112- 744-74-23-B
WB5VZL (+ N5HD) 110,448- 767-72-24-B	W6NKR 26,460- 189-70-13-A	WB7UFJ 35,200- 275-64-22-A	K8MR 92,796- 627-74-12-B	W9OBF 102,860- 695-74-24-A W9XD 89,644- 614-73-24-A
110,440 701 12 24 3	AA6DX 10,672- 116-46- 3-A WA6BRV 4680- 65-36- 5-A	WA70EM 32,830- 245-67-12-A K7DBV 27,206- 223-61-10-A	KV8Q 91,908- 621-74-24-A K8BL 75,036- 507-74-15-A	W9XD 89,644- 614-73-24-A W9JOO 74,408- 524-71-23-A
Oklahoma		N7DG 19,800- 180-55-10-B	N8BJQ 74,016- 514-72-20-A	W9LT 59,892- 434-69-11-B
KM5H 122,544- 828-74-24-A	San Diego	K7GDN 1872- 39-24- 6-A	KA8ETK 72,864- 506-72-23-A	W9RE 53,600- 400-67- 7-B W8UT 47,334- 343-69-18-A
K7CW/5 83,496- 588-71-24-B	N6ND 125,268- 858-73-24-A	W7YAQ 50- 5- 5- 1-A	W8UPH 60,340- 431-70-15-B W8IDM 60,336- 419-72-19-A	W9QLW 18,684- 173-54-13-A
KK5I 43,332- 314-69-24-B	NI6W 119,288- 806-74-23-A	Utah	AA8S 57,226- 403-71-13-B	N4FKF 16,848- 162-52-12-A
W5LFS 17,760- 78-74-15-A K5CM (+ N5s CG, KW)	K6ZH 62,160- 420-74-16-A AA6EE 47,996- 338-71-12-A		K8AZ 43,632- 303-72-24-A	K9KB 4608- 72-32- 4-B KA9ORN/N 288- 12-12- 5-A
165,316-1117-74-24-B	AA6EE 47,996- 338-71-12-A W6JXA 24,240- 202-60-10-A	N5CT 70,356- 533-66-13-B K7CPC 41,976- 318-66-18-A	N8FU 42,194- 289-73-11-A W8GOC 40,740- 291-70-16-A	KJ9D ( + KK9V)
Courthage Tours	W6ZT 21,300- 150-71-23-B	11,010 01000 1011	AD8I 39,618- 279-71-24-B	141,636- 957-74-22-B
Southern Texas	San Francisco	Washington	K8MN 37,888- 256-74- 7-B K8ES 37,296- 296-63-16-B	KK9W ( + KM9D,KS9J,KX9G) 93,586- 641-73-24-B
K5LZO 167,536-1132-74-24-B	San Francisco	W7RM (W7WA, opr.)	W8PN 32,340- 245-66-17-A	30,300 31173212
N5JJ 166,352-1124-74-24-B KZ5M 150,664-1018-74-24-B	K6ANP 119,232- 828-72-23-B	179,524-1213-74-24-B	W8VQI 29,298- 257-57-13-A	Wisconsin
K5RC (KN5H, opr.)	W6JTI 67,392- 468-72-24-A K6LRN 59,940- 405-74-19-A	N7TT 132,608- 896-74-24-A AG7M 127,132- 859-74-24-A	AD8P 28,340- 218-65- 4-B WA8ADA 28,320- 240-59-17-B	W9YT (WB9PYE, opr.)
148,740-1005-74-24-B N5DU 148,592-1004-74-23-B	WA6DHM 51,456- 384-67-22-A	KR7G 124,172- 839-74-22-B	W8EAR 25,636- 221-58-11-A	134,758- 923-73-24-B
N5DU 148,592-1004-74-23-B NA5R 147,112- 994-74-24-B	W2VQ/6 31,752- 252-63-11-A N6RA 21,164- 143-74- 9-B	KE7C (WB7OJV, opr.)	AF8C 23,064- 186-62-14-A AE8L 20,760- 173-60-10-A	AC9C 130,670- 895-73-24-B W9NA 124,616- 842-74-21-B
NM5M 136,900- 925-74-24-B	W6BIP (+ WA6DJI)	104,784- 708-74-24-A W7BUN 91,296- 634-72-19-B	W8RSW 19,536- 148-66- 6-B	W9XT 112,628- 761-74-24-B
NM5L 128,918- 883-73-24-B KG5U 111,690- 765-73-22-B	118,696- 802-74-23-B	KT7G 88,948- 601-74-17-B	K8ATQ 16,724- 113-74-24-A	K9VGE 105,080- 710-74-18-B
AC5K 98,272- 664-74-24-A	San January Valley	W7LKG 76,254- 537-71-21-B	W8DWP 16,500- 125-66-10-A	WB9YXY 100,010- 685-73-24-B N9NE 97,680- 660-74-24-A
W5ASP 85,768- 604-71-24-A	San Joaquin Valley	WB7FFF 75,624- 548-69-17-B W7GB 74,304- 516-72-16-A	N8EKS 14,520- 121-60-17-A KB8LH 8888- 101-44- 9-A	N9NE 97,680- 660-74-24-A K9LJN 95,184- 661-72-24-A
K5WA 79,380- 567-70-15-B K5GB 77,700- 525-74-18-B	WA6IQZ 27,280- 220-62-16-A	W7NG 73,730- 505-73-18-B	AD8C 7920- 99-40- 7-B	W2WOE/9 93,024- 646-72-24-B
W5JQ 75,040- 536-70-13-B	N6AVV 11,520- 120-48- 6-B WA6SLF 6776- 77-44-14-A	K7SS 72,668- 491-74-14-A WB7WUM 41,448- 314-66-13-B	W8CY 7644- 91-42- 7-A WD8NMV 6750- 75-45-11-A	W9GXR 83,922- 591-71-24-B KB9S 79,946- 563-71-16-B
W5SG 68,912- 472-73-19-A	W6SX 70- 7- 5- 1-A	N7EPD 36,530- 281-65-12-A	W8LNJ 4422- 67-33- 3-A	W9WI 70,416- 489-72-17-A
W5PWG 58,838- 403-73-20-A KC5CP 49,104- 372-66-23-B		K7MX (KB7G, opr.)	N8CW 4050- 75-27- 3-A	KO9Q 58,320- 405-72-14-B
KX5L 39,732- 301-66-15-A	Santa Barbara	36,226- 307-59- 6-A KL7UR 29,768- 244-61-21-B	K8MNG 2300- 50-23- 2-A N8EGU 1638- 39-21- 8-A	WB9HRO 56,304- 408-69-21-A WA1UJU/9 56,030- 431-65-20-A
KN5A 38,528- 301-64-16-A	N6TR 183,076-1237-74-24-B	W7BYK 29,184- 228-64-14-A	KB8IZ 1452- 33-22- 3-B	K9GDF 52,780- 406-65-10-A
W5NR 36,696- 278-66-14-B K3ZMI/5 30,360- 230-66- 8-A	W6TKF 48,312- 366-66-13-A	K7UU 16,848- 162-52- 4-A	KC8YR 966- 23-21- 6-A	N9DSK 49,714- 371-67-24-A
K5SNO 26,962- 221-61-17-A	WA6FGV 47,472- 344-69-20-A KW6H 13,312- 128-52- 8-A	K7WA 14,200- 142-50- 7-A W7IEU 9200- 100-46-12-A	W8DXT 874- 23-19-13-B KA8NRC 198- 11- 9- 4-A	AJ9U 34,036- 254-67-16-A N9TD 30,240- 216-70-10-A
K5TU 13,158- 129-51- 4-A	10,012 120 02	WA7UVJ 8280- 90-46-10-A	K8HF 98- 7- 7- 1-A	W9HE 26,586- 211-63- 6-A
W5EQD 12,192- 127-48-16-A KA5SBS 3060- 45-34-14-A	Santa Clara Valley	K7LXC 8260- 118-35- 4-B	WB8JBM (KC8s MK,XK,KW8N,N8s	N9KS 26,334- 209-63-11-A
W D8DKJ/5 880- 22-20- 9-A	N6NF 145,780- 985-74-24-B	K7XX 7254- 93-39- 3-B KB7G 6160- 88-35- 2-A	ATR,DCJ,DMM,EDE,WB8s JMP, LSN,WD8IJP, oprs.)	W9KHH 24,128- 208-58-17-A K9KR 23,200- 200-58-15-B
K5VWW (+ K2TNO)	AJ6V 129,940- 890-73-24-B	WB7FAH 2240- 40-28- 5-A	161,616-1092-74-24-B	KB9W 22,204- 182-61- 7-A
124,392- 852-73-24-B N5AF (+WB5LVL)	N6AUV 124,320- 840-74-23-B	NØAX/7 (+ KA7MVM)	K1LT (+ K8ND) 134,384- 908-74-24-B	N9EZ 13,056- 136-48- 6-A W9YCV 9680- 88-55-24-A
46,200- 350-66-18-A	N6MG 121,508- 821-74-24-A N6SJ 88,704- 616-72-24-A	47,740- 341-70-24-A	W8LT (K3JT, WB8s PHI,WKB,WD8s	WA9YSD 4352- 64-34- 5-A
	N6KV 80,592- 552-73-24-A	Wyoming	DPF,IXE,LXX, oprs.)	KA9PBX 18- 3- 3- 1-A
6	W6IO 78,110- 535-73-20-A		110,556- 747-74-24-B	KØFVF/9 (+ KØTG,KMØO WØs UC,ZZ,WAØRBW)
Fast Ray	AD6E 45,780- 327-70-12-B W6OKK 45,760- 352-65-10-A	WA8MAM 108,632- 734-74-24-A K7IO 78,912- 548-72-18-B	W8XY ( + KA8OMS) 7400- 100-37- 5-A	141,488- 956-74-24-B
East Bay	KD6PY 38,184- 258-74-10-A	N7DKX 63,050- 485-65-22-A	KD8KU (+ KA8MRG)	N9BYK ( + N9DZQ)
KN6M 153,476-1037-74-24-B	K6OMB 28,438- 241-59- 9-A	KW7L 32,860- 265-62-24-A	4032- 63-32-11-A	56,840- 406-70-24-A
	Er	m May 1094 OST		

143,226- 981-73-24-B VE3IRF 39,274- 269-73-24-A 11,554- 109-53- 5-A KØLUZ 105.080- 710-72-22-A KØIJL Nebraska WØEJ 125.652- 849-74-24-B K3WT 97.820- 670-73-24-A VE2WA/3 KØIS 629-71-24-A WBØHRX 87,636- 654-67-20-B VE3ART (VE3s ABG,ATD,DEO,GAS Colorado KØSCM 112.924- 763-74-21-B KCØXK 59.540- 458-65-23-B WAROIT 86.620- 610-71-24-A KB8N/0 96.052- 649-74-23-A GLD, oprs.) 79,200- 550-72-23-A 78,810- 555-71-23-A KORF (WOUA, opr.) NØBB 52.706- 361-73-20-A KSØT KVØI KØHA 77 280- 552-70-13-A 115.588- 814-71-22-B 172,134-1179-73-24-B WOUTC 26,780-206-65-11-A 70,840- 506-70-18-B KNOD N2IC 171.680-1160-74-24-B WDØGVY 24.192 215-56-16-A WØYCR KØIHG 76.020- 543-70-16-B WOKK 29 868- 262-57-15-B Manitoba Wayk 153.008-1048-73-24-B WØSS 66,240- 460-72-15-A KAØOSK 64-38-11-A 152,292-1029-74-24-B WØIZ 144-74-20-A KØDI (+ KØNB) 21,312-КОМРН 62.832- 462-68-16-A VE4RF 34,452- 261-66-12-A 23,790- 195-61-13-A KØFZG NØBSH 62,764· 442-71-21-A 53,960· 380-71-18-A WOIJR (KOEU, opr.) KCOO 20.720- 140-74-10-A 114.594- 807-71-24-B VE4ALO 139.860- 945-74-24-A 76-53-24-A VE4AEX 22.050- 175-63-22-A KYØS (NØEBM, opr.) WOIO (KAOPFC, NOEBA, oprs.) WBØBJF 46.200- 330-70-23-A North Dakota WAØWWW WA2HFI/Ø 45,866- 323-71-22-A 33,098- 247-67-16-A 133.052, 899,74,22,B 63,784- 476-67-20-A 123.284 KAOLUZ ( + KAOPHJ) Saskatchewan WØKEA KI3V/0 86,496- 636-68-20-B AC0S 106.128- 737-72-18-B 48.688- 358-68-20-A NORG 30 104- 212-71- 7-A WALHS 7442- 61-61- 8-A VE5XK 160,432-1084-74-24-B KORN 87.756- 618-71-23-B NØEEN (+ NØELV) 38,916- 282-69-18-A WBOUKI 402-54- 8-A 113-70-24-A KAONUQ 23-21-14-A KJØG 86,578- 593-73-23-B WAØVQX 15.820-W2FV/Ø 81.252- 549-74-22-B WAØWHT 13.362- 131-51-10-A South Dakota Alberta KIAI 45,500- 350-65-23-A WODK (KROU, opr.) WDØCXU 92,868- 654-71-14-B Missouri VE60U 98 420- 665-74-15-A 43 692- 331-66-18-A KROG 138.676- 937-74-24-B WA3PWL/0 53,676- 378-71-11-A 95,922- 657-73-18-B VE6WQ NOCNV 325-64-19-A KØVBU 102,860-695-74-21-A K4VX (KRØY, opr.) VF6.IX 72 964- 493-74-23-A 40.896- 284-72-17-A WØSG WAOTKJ 92.056-622-74-18-B 168 128-1136-74-24-B VE6CQG 37.122- 269-69-24-A 122,544- 828-74-24-A 114,902- 787-73-23-B WOGOR 33.528- 254-66-21-B N7DF 84.840-606-70-14-B KORWL VE6BND 13.668- 134-51-15-A KA1JOD 193-62-18-A WØAWP 23.932 32,912- 242-68-21-A KMOL VE6ATT 1680-35-24- 4-A WØRSG 23.826- 209-57-16-A KF@M 30.222- 219-69- 8-B KØDEQ 76.896- 534-72-14-B Maritime · Newfoundland WØIZV K9MWM/0 4352-68-32- 7-A 43-28- 7-A WAØCFZ 28,768- 232-62-22-A WOHBH 75,600- 540-70-18-B 26.668- 226-59-17-A 2408-British Columbia VO1AW 18.240- 160-57- 8-B KVØD 21.804- 158-69-15-B NØEVC KØUK (+ KD7EY) WDØHAG 2. KARP 20.608- 184-56- 8-A 121,656- 822-74-24-B KCØD (+ KDØY, WAØUJO) VE7YU 80.928- 562-72-18-A WOKCG 9112- 68-67-10-A VE7IN 78.540- 561-70-20-A 136.900- 925-74-24-B W5BDL 4602- 59-39-14-A 118,992- 804-74-24-B KARKKY 680- 20-17- 9-A VE2DPO 54 288- 377-72-23-A Minnesota VE2AQP 51.982- 366-71-17-B 61.320- 438-70-16-B N.W.T. · Yukon 147,314-1009-73-24-A 122,840- 830-74-24-B 119,706- 843-71-24-B NØNO WØWDW WØEEE ( + KAØs GCR, JJX, WBØs Ontario YKG,ZGD,WDØELL, oprs.) NØTT/VE8 97,382- 667-73-21-B 7560- 108-35- 5-A 37.696- 304-62-17-A NØGA 149.036-1007-74-24-B WOHW VF3.ITO 103.660- 710-73-23-A VE8JG

# PHONE

### Connecticut

121,824- 846-72-17-B 94.752- 658-72-18-B KG1D K1GX 81.508- 574-71-12-B 524-74-21-B KM1P 73.292- 502-73-16-A WB1EYI 69.000- 500-69-24-A KINYK 68,310- 495-69-16-A WA1LJP 62.444- 466-67-21-B 60,168- 436-69-10-B 60,048- 417-72-20-A N1JW W1GNR K1THP 53 592- 406-66-11-B KA1JQW 52,164- 419-63-24-A 46,512- 342-68-13-A WA2WIF K1IN 38.682- 307-63-18-A 36,698- 311-59-18-B 33,804- 313-54-16-A KG1D KH6WZ 32,508- 258-63- 9-A 32,400- 270-60- 5-B 28,644- 231-62- 7-B K1YRP K1DM KA1CI K1DII 27,548- 388-71-17-A 24,640- 224-55- 4-A W1BIH 21.608- 148-73- 5-B 18,040- 220-41-14-A 12,638- 89 71-10-B W1PMR W1SG 9450- 105-45- 5-A 7560- 90-42- 1-B ,4466- 77-29- 1-B WA3VII K1CC KA1FBI 1800-45-20-10-A KB1N 41-19- 1-B W1XX 1530-45-17- 1-B AA2Z (+W1OD,K8KA)

186,332-1259-74-24-B K1DW (+ K1NCD N1ACM)

118,368- 822-72-23-B WA1KOJ (+WA1LVW) 72,494- 541-67-18-B

# Eastern Massachusetts

K1AR 156.880-1060-74-14-B 97,488- 677-72-22-A 88,892- 626-71-20-B W1FM KQ1F 76,212- 522-73-22-A 74,504- 556-67-11-B 72,414- 517-71-17-A WASTRA K1VUT 51,612- 374-69-24-A 48,440- 346-70-18-B KR1FW KB1GN K1CB 42.700- 305-70- 8-B 35,092- 283-62- 8-B 31,616- 247-64-15-A NIAU W1TUN KB3MB 31.590- 243-65-24-A 24,308- 206-59-16-A 136-69- 6-A W1AX 18.768-KF1U 11.324- 149-38- 4-A N1CVK 110-50-19-A KC1Q 10,560-110-48- 3-A 10,396-113-46- 2-A KB1KM 8256 86-48-10-A

AI3E WIIHN 6800- 100-34- 2-B 5244-4154-69-38- 3-A 67-31- 6-B K1KZL W1PLJ K1UCA 612-18-17- 1-A N1CLK K5NA 25- 8- 4-A 15- 5-150-W1TKZ (K1s BA UR KA1s IKW JWE, N1s ADY, CPE, WB8TDA, or

K1RM (Multiop) 1564- 34-23- 2-A

K1JB 110.334- 777-71-20-B KB1CV KS1G 51.060- 370-69-20-B 26.680- 290-46- 5-B 23.940- 210-57-17-B KA17X K1PV W1OTQ 133-74-14-A 12.688- 122-52- 9-A WB1GLH 7656-87-44-12-A W1KX (+ KA1s JGF,TJ,KB1JF K1RM (Multiop) 2500- 50-25- 4-A

# New Hampshire

142.350- 975-73-22-B 61,180- 437-70-24-A 13,800- 138-50-11-A AK1K WA1PAX W1ET (WA1UUA,KA2GKV, oprs.) 24,924- 201-62- F-B K1RM (Multiop)

364- 14-13- 1-A

# Rhode Island

KM1X 85.960- 614-70-16-B K1VS.I 67.620- 483-70-21-B WA1EXP (WB3HVS, opr.) 68-14-51,408-378-33,536- 262-64-13-A 22,244- 170-67-13-A KS1J K1DS 16,610- 151-55- 6-A 7442- 61-61- 7-A W1RFQ KA1AWS 4980-83-30-10-A KM1G 4312-77-28- 4-A W10P (N1BBM, WA1RKL, WB1FDY 61,372- 458-67-17-B oprs)

WR1GOR 188.340-1290-73-24-B 20,384- 182-56-10-A WA1GUV 16.450- 175-47-15-A KD1R 13,736- 101-68-22-A K1FWE, KB1J) K1WQU WB1ELC (+ 187 516-1267-74-24-B KK2B ( + K2OZV,KA2s,CFH,GWT,

MTB.WA2AZA) 60.306- 437-69-24-A

# Western Massachusetts

KA1DZV 106.216- 748-71-24-A WA1ZAM 101.470- 695-73-22-A WB1EYL 53,460- 405-66-16-B N1CKW 53.268- 386-69-21-A K1KNQ N1SR 35.040- 240-73-10-A 31.812- 241-66-14-A WR1HIH 3400- 50-34- 2-B KS1N (+ KB1W) 148.464-1031-72-23-B

N1XZ (+ WA1VEI) 114,912- 798-72-24-B

N1CC (+ KR1B) 103,952- 712-73-19-A W1YK (AK1J,KA1KUB,N1BLM.

WA2YHZ.WD4NXE. oprs.) 53.760- 420-64-21-A

K1RM (Multiop) 392- 14-14- 1-A

# **Fastern New York**

W2YV (KO2M opri 191,512-1294-74-24-B W2ARQ 128,304- 891-72-24-B 113,220- 715-74- 9-B K2TR 96,336- 669-72-24-B 88,324- 622-71-20-B W2CRS KC2AG 75,904- 593-64-13-B 48,552- 357-68-18-B 35,490- 273-65-13-B N2ECD KB2HQ W2HES W2DW WB2MJQ 28,810- 215-67- 6-B 24,592- 212-58-12-B KG2H 23.358- 229-51- 9-A 21,364- 218-49- 2-B 17,066- 161-53- 7-A WA2STM N2.1.1 14 030- 115-61- 5-B WB2KHE 11.508- 137-42- 6-A K2MME (+ N2s BJG,DVX,WA8, MAZ, WB2s IEE,NEC,UME) 52,440- 460-57-13-B

KW2D (+ KC2KK, WA2UYM) 43,632- 303-72-13-A WA2KHP (+ N2EIK)

4356- 66-33- 8-A

# New York City - Long Island

123 516- 846-73-23-B N2MG 111,148- 751-74-22-B 91,494- 663-69-21-B K2AU WB2DHY KS2G 77,616- 539-72-19-A KC2XQ (WB2DIN, opr.) 76,648- 572-67-18-B 61,920- 430-72-19-A 48,990- 345-71- 9-A 36,828- 279-66-19-A WADKW KA2AEV W2LPA 34,800- 290-60-12-B 34,404- 282-61-16-B WA2SCI N2RQ W2GKZ 22.800- 200-57-10-B WB2FMP 15,400- 154-50-10-B 14,560- 182-40- 3-B

KK2E

K2OVS K2DOD

WA2TQT 8600-100-43-10-B 106-32- 5-B 6784-W2KZE 87-38- 3-B WA2FBQ 3306 2100 50-21- 4-B W2TNI 1850 37-25- 8-A W2KTF K2LJH 1540 35-22- 1-A AE2E ( + KA2AAN.WA2KRO) 39.910- 307-65- 8-B

# Northern New Jersey

KZ2S 151,060-1079-70-20-B WB2WIK 107.018- 733-73-21-A 75,184- 508-74- 6-B K2RF 46,944-326-72-15-A 39,456- 274-72-17-B 25,320- 211-60-13-A W2KXD KW4E WAZUDT 25.200- 200-63- 5-A W2GNW 13,344-11,750-139-48-12-A KI2Q N2COH 10 384- 118-44- 6-A K2BJG 8848-79-56- 4-B 4158-63-33- 2-A KB2ZQ AAZU 1512. 38-21- 1-A KC2OM (+ KA2OAR) 24,940- 215-58-13-A

# Southern New Jersey

K2YY WA2KOK KZ2I 171,504-1191-72-24-B 96,214-659-73-22-B 81.176- 556-73-22-A W2FGY K2JLA 54.924 398-69-22-B 43,824- 332-66-17-B 41,400- 300-69-14-B 39,390- 303-65-12-A 30,552- 228-67-16-A W2ORA N2DZY WB2KQC N2DMK 23 246- 197-59-21-A KA2SGD 23,210- 211-55-17-A KB2GW 20.670- 195-53-13-A WB2ERI WB8ZAR 20,196- 187-54-16-B 17,136- 153-56- 8-B W2CN 17,034-167-51-11-B WB2UVB 16,116- 158-51-12-A 13,272- 158-42-14-A N2EZ WA2AWS 12.508- 118-53- 6-A 11,508-WA2DUE 137-42-13-A W2REB 82-41- 5-A KD2AE 6106-71-43-12-B KA2KFO 64-40-12-A 5120 W2HBE 2600-50-26- 5-A N2AWC 2500- 50-25- 8-A AB2Y (+ AB2Z,WA2VYA,WB2BYU) 135,196- 926-73-24-B WA2DHD (Multiop) 48,100- 370-65-19-A

# Western New York

K2IGW (WA2LCC, opr.) 194,326-1331-73-24-B N2NW 113,184- 786-72-24-B AF2K 88,466- 623-71-21-B 81,400- 550-74-22-B WB2YQO NAZA 61 040+ 436-70-20-B

40,936- 301-68-22-A 39,128- 292-67-18-B WA2FQE WA2RKO 38.430- 315-61-13-A KA1YE KC2UA 36,432- 276-66-13-B 35.700-255-70-17-B K2SOT KB2SE 34.304- 256-67-11-B WA2PNQ 31,500- 250-63-19-A KB2NU 30.800- 220-70- 7-A 30.102- 260-58-11-A 29,670- 215-69-10-A NA2Q W2FXA W2VDX 29.376- 204-72-14-B WB2YQH WA2DHS 28,800- 200-72-12-A 27,572- 226-61- 6-B WB2QPR 23.424- 192-61-11-A N2CIC 22,302- 189-59-20-B 20,200- 202-50- 3-B N2CU KD2CZ 13.716- 127-54- 7-A W2PHT WB2SGS 8640- 101-45- 6-A 5254- 71-37- 5-A N2GII 1152- 32-18- 2-A N4TW/2 W2OW (K2OC.KA2CDE.KG2Y.KI2P N2s AEY.HR,N6IN.oprs) 178,044-1203-74-24-B

W2OFO ( + K2s GVI YAI KA2s FTU NIL.TAX.KBs 2YU.3RG,KC2RN, K2OH, N2s DKB,DLG,DSV.N3DLL, N5BGY.W2HAX,WA2s FLX.NKC. WB2s HLY,MNA,RBA)

95.760- 665-72-24-B KF2X (+ N2BXC,N2CFN) 75,776- 512-74-21-B

KA20UO (+ KA2RSY) 52,966- 373-71-20-A KC2GL (+ KA2HVB)

9306- 99-47- 8-A

# Delaware

N3AD

35.518- 301-59- 6-A N8NA W2LTP 10 AC3T (+ KA3B) 10.608- 102-52- 7-B 132.568- 908-73-23-B K2GE (WA2NXK,WB2s,ANM,SNN, oprs) 16,986- 149-57-15-A

# Eastern Pennsylvania

WARRI 162 352, 1112, 73, 23, R 137,824- 944-73-24-B WB3EMG WB3FAA 116.156- 818-71-22-B KH6CP/3 K3MRG 86,256- 599-72-24-B 86,190- 663-65-19-A K3WGR 79.520- 560-71-16-B WB3FYT 76,032- 528-72-20-B N3CHL 60,480-420-72-20-B KR3Y.I 60 048-417-72-21-A 52,392-N3DAY WB3CIW 44.352- 308-72-10-B N3AVZ WA3YON 41,496- 364-57-15-B 40,170- 309-65-13-A W3DZH 37.800- 270-70-18-A

32.116- 217-74- 6-B

14 000.

100-70-12-A 143-35- 8-A

WB3CAI 29,498- 301-49-16-A	KE4XT 29.078- 217-67-12-A	West Indies	WA2PRB/5 (+WA5ZUP)	W6TKF 82,502- 581-71-12-A
WA3KBH 28,910- 245-59-19-A	AA4GA 23,562- 187-63- 5-A		160,728-1086-74-24-B	N6MB 81,176- 556-73-16-B
KC3AD 27,984- 212-66-14-A	KV4A 19,920- 166-60- 7-B	KP4BZ 296,592-2004-74-24-B	KN5A (+KA5F,WA5PQK)	WA6FGV 80,064- 556-72-21-A
W3ARK 26,790- 235-57- 8-A	KI4Y 13,144- 124-53- 9-A		150,220-1015-74-24-B	NV6L 55,334- 379-73-15-B
KB3JK 25,960- 220-59-11-B		5	N4BOS ( + K9RZE, KA5s QEC,RZU,	WA6IJZ 35,624- 244-73-20-A
KA8AVA 25,308- 222-57-19-A	Kentucky		KM5J,N5FN,NJ5O,W5PWG,	KD6LD 24,420- 185-66-21-A
WB3EPW 24,510- 215-57-12-B		Arkansas	WD5AAH)	KC7S 22,814- 187-61-24-A
AA3B 17,802- 207-43- 5-B	K4FU 150,664-1018-74-23-B		92,994- 628-74-24-A	KW6H 6840- 90-38- 6-A
N3CWS 15,370- 145-53-14-A	ND4Y 62,338- 439-71-10-B	WD5CAA (KA5NLY, opr.)		N6TR 2640- 55-24- 2-A
W3KOK 14,700- 150-49-18-A	WA3DNC 50,256- 349-72-16-A	22,344- 196-57-17-A		KX6E ( + KA6VRW, KE6LO, KV6J, N6s
KB3FZ 11,844- 130-47-10-A	WB4OSS 47,952- 329-74-15-B	W5EIJ 7968- 83-48- 4-A	6	DHU,GAU,JFD,W6ZZN,WB6HDG)
W3MA 10,952- 74-74- 7-A	W4XT 40,740- 582-70-22-A	W5KL 1344- 32-21- 2-A	Feet Ben	146,520 990 74 24 B
N3DRF 10,350- 116-45- 6-A	NO4R (+ KA4TAY, NM4M,N4IRX,		East Bay	V-03-24-1-3-1-1
KC3M 10,224- 72-71- 8-B KA3BXD 9870- 105-47-12-A	WD4LAM) 162,352-1112-73-24-B	Louisiana	N6IG 243,164-1643-74-24-B	Santa Clara Valley
KA3BXD 9870- 105-47-12-A WB3BOT 9416- 107-44-10-A	AA4RX (multiop)		WA3FET/6 176,712-1194-74-24-B	
KB3QI 7720- 95-38- 7-A	20.184- 174-58- 3-B	W5WMU 228,068-1541-74-24-B	KB6JK 96,506- 661-73-19-A	N6NF 193,288-1306-74-21-B
WA3JXW 7400- 100-37- 5-B		W5WG 41,464- 292-71-26-A	K2GMY 87,312- 642-68-18-A	KY6I 86,876- 587-74-22-B
N3CXB 7128- 81-44- 3-A	North Carolina	WD5CGC 17,760- 120-74-17-B	WB6FCR 82,584- 558-74-17-A	K6GSS 58,460- 395-74-23-A WB4YZC 42,180- 285-74-16-B
KR3I 6336- 88-36- 6-A	N40Y 04 752 650 70 00 D	W5GAD (K5EF,KA5MSD,N5GSK.	KS6H 54,460- 389-70-18-A	
W3HMR 4930- 85-29- 4-B	N4QY 94.752- 658-72-23-B N4UH 76.886- 520-74-12-B	WA5s HAX,HOD,OZH,UJX, oprs.)	N6GRM 29,106- 231-63-16-A	N6MG 38,184- 258-74-24-A KD6PY 38,184- 258-74- 9-A
KA3FWW 4234- 73-29- 6-A	K4JEX 68,180- 487-70- 6-B	169,608-1146-74-24-B	K6XO 10,952- 74-74- 9-B	K6RTC 31,820- 215-74-10-A
WB3AAL 3422- 59-29- 4-A	W6NWS/4 67,044- 453-74-24-A	Mississippi	W6RGG 10,952- 74-74- 8-B	W6OKK 19,152- 171-56- 7-A
K3MWA 2430- 45-27- 3-A	WD4AVY 59,184- 411-72-19-A	Мізаізаіррі	WA6BIS 6552- 84-39- 9-B	WB6AMN 15,476- 146-53- 8-A
N3CZB 972- 27-18- 9-A	WB4VIM 30,132- 243-62-17-A	N5DSK 104.636- 707-74-15-A		WB9AJZ/6 12,876- 87-74- 6-A
WA3LGG 98- 7- 7- 2-A	K4NHO 22,572- 198-57-19-A	KC4WQ/M5 14.616- 116-63- 7-A	Los Angeles	AA6T (SMØDRD, opr.)
KQ3R (+ KF3Y,KQ3P,N3DPN)	KA4RTJ 13,708- 149-46- 9-A	KV5F 13,674- 129-53- 6-A		11,352- 129-44- 3-B
144,414-1017-71-22-B	WB4AQK 12,814- 149-43-10-A	WA5MUE 7260- 66-55- 2-A	N6HC 168,868-1141-74-22-B	K6VGW 7040- 80-44- 3-A
WB3IWZ ( + N3AXB,WA3NVS)	N4ZC 10,952- 74-74- 9-B		W8AKS/6 75,118- 529-71-23-A	W6YX (AP2ASM, DF2KR, GM4HAE,
63,648- 468-68-20-B	N4CYG 8400- 100-42- 9-A	New Mexico	W6CN 73,704- 498-74-23-A	KAØIVA,KX6C,N1OO,N6IWN,
KM3N ( + KK3W)	K1ED 8240- 103-40- 4-A		W6NOL 64,232- 434-74-20-A	NV6V,W3KF,WA1LTJ,WA7VXV,
30,464- 224-68-22-B		K5TA 257.076-1737-74-24-B	WA6LOW 41,300- 295-70-24-A	WB2TXI, oprs.)
Mandand D.C	Northern Florida	AA5B 233,396-1577-74-24-B	KK6V 26,100- 225-58- 8-A WA6JNN 26,000- 200-65-16-A	84,456- 612-69-19-B
Maryland D.C.		K5QQ 150,072-1014-74-22-B	WB6DIB 17,784- 171-52-12-A	
W3LPL (WD4AXM, opr.)	N4SA 194,472-1314-74-21-B	N5HH 89,836- 607-74-17-B	WB6BXP 16,562- 169-49- 5-A	
212,972-1439-74-24-B	K4XS 184.544-1264-73-24-A	N5ACP 56,448- 392-72-21-B	W6NXB 8360- 95-44-10-A	7
N2FB (KC8C, opr.)	NU4Y 131,254- 899-73-22-B	N5EPA 32.760- 234-70-15-A	G3MHV/W6 2970- 45-33- 6-A	790.00
190,032-1284-74-24-B	WC4E 121.034- 829-73-20-A	NJ5T 30,774- 223-69-13-B	W6OES 2700- 50-27- 6-A	Alaska
K3ZJ 186,480-1260-74-24-B	W4IIR 55.188- 378-73-17-B	Northern Texas	KA6ZYF 1944- 36-27- 6-A	
KA1GD 184,398-1263-73-23-B	N4MS 15,732- 138-57- 8-B N4HKQ 15,456- 138-56-16-A		WB6NFO 1020- 30-17- 3-A	AL7CQ 64,768- 506-64-24-B
K3TM 151,552-1024-74-21-B	N4HKQ 15,456- 138-56-16-A W4VQ 10,400- 100-52- 3-A	N5AU (WB5VZL, opr.)	K6AA (KE6B, WB6HEW, oprs.)	NL7P 30,492- 231-66-15-B
K3ZZ 138,672- 963-72-24-B	N4WW (+ NX4N)	235,912-1594-74-23-B	132,714- 909-73-24-B	KL7CQ (+ AL7EJ,KL7SK,NL7s
N3RL 134,758- 923-73-21-B	268.472-1814-74-24-B	K5RX 225,256-1522-74-24-B	WB6OBQ (AA4Q,WB6s PLG,RNT,	BI,BS,CP,W7LD)
K3DI 129,600- 900-72-22-B	N4UF (+ NR4E.WB4YEY)	AF5K 220,168-1508-73-24-B	oprs) 94,752- 658-72-23-A	12,500- 125-50-18-B
N3GB 118,844- 814-73-24-B	150.220-1015-74-24-A	KA5W (KM5R, opr.)		
K2ITG 113,812- 769-74-20-B	100,220 1010 112111	214,896-1452-74-24-B	Orange	Arizona
W3ICM 106,416- 739-72-21-B	South Carolina	K5RR (N5RZ, opr.)	K7JA 184,112-1244-74-24-A	K7OX 238,280-1610-74-24-B
W3UJ 102,950- 725-71-16-B KC3EK 82,436- 557-74-22-A		210,160-1420-74-24-B	K7JA 184,112-1244-74-24-A K6HRT 114,192- 793-72-24-B	K7OX 238,280-1610-74-24-B WB7FDQ 105,228- 711-74-12-B
KI3L 74,976- 528-71-12-B	WQ4V 110,852- 749-74-14-B	N5EG 195,804-1323-74-24-B	AI6E 47,428- 334-71-19-A	W7FGT 104,720- 770-68-18-B
W3HVM 62,580- 447-70-16-B	K4ADI 75.920- 520-73-22-A	K5QY 195,064-1318-74-23-B K5ZD 184,106-1261-73-19-B	K6EBK 42,918- 311-69-23-A	KC7V 85,544- 628-74-17-B
W3JPT 62,480- 440-71-22-A	AE4Y 28,928- 226-64- 5-A	WD5GSL (WBØTEV, opr.)	WA6NGO 39,650- 325-61-10-B	WA1UZD/7 71,632- 484-74-24-A
K3ZNV 58,926- 427-69-15-B	WA4JJZ 27,938- 229-61- 9-A N9KS 23,316- 201-58-12-A	163,392-1104-74-24-B	WB6KRI 39,618- 279-71-18-A	K7HP 45,880- 310-74-17-B
K3HPG 54,288- 377-72-11-A	N9N3 23,316- 201-56-12-A	KE5CV 146,304-1016-72-21-A	KA6ISX 26,934- 201-67-11-A	N7CIX 44,880- 440-51-12-A
W3AZ 52,682- 371-71-18-B	Southern Florida	N5JB 109,224- 738-74-17-A	W6TCO 8820- 105-42- 4-B	W7ZMD 29,960- 214-70-10-A
N3AOE 49,140- 351-70-24-A	Southern Florida	AF5B 70,596- 477-74-20-B	KG0F/6 7200- 60-60- 6-A	WA7KLK 21,216- 221-48- 6-B
WB3JRU 48,988- 331-74-24-B	N4BP 148,000-1000-74-17-B	K5KJ 66,008- 446-74-22-A	NM6L 6992- 92-38-12-A	N7EDV (+ KB7XN,KD7RG,N7s CXF,
WA3VPL 38,040- 317-60-16-A	K1ZX/4 108.336- 732-74-10-B	WB5CRG 64,512- 448-72-16-A	NV6K (+ KA6NXD,KF6OG,N6s	FU.NF7E. W7YS)
KA3DXZ 37,654- 281-67-15-A	WA4FSP 92.796- 627-74-24-A	K5MM 61,776- 429-72-12-B	AWF,DJW,DJX,ECA,FMD,RJ)	179.524-1213-74-22-B
W3FA 37,170- 295-63-18-A	WA4FIB 70,140- 501-70-21-A	W5LMG 59,160- 435-68-21-B	186,924-1263-74-21-B KX6V (+ K6RUB,KA6SOP,KX6V,	Idebe
K3TW 30,932- 209-74-14-B	N5FIY 7332- 78-47- 9-A	KD5BE 54,234- 393-69-21-A	WA6s,UYB,ZXN,WB6BIM)	Idaho
K3RY 30,096- 209-72-23-A	W4JM 3468- 51-34- 2-A	N5UA 52,560- 365-72-21-B	70,416- 489-72-23-A	KØEJ 113,174- 797-71-19-A
K3SA 29,600- 200-74- 9-A WA3RGH 28.644- 231-62- 8-A	W400 1680- 42-20- 2-A	KD5RO 39,600- 300-66- 7-B	N6FSK (KA6s NRH,RRB.RUX.oprs.)	K7TM 111,592- 754-74-15-A
W3IDT 26,840- 220-61- 6-A	KA4UBC 18- 3- 3- 1-A	K2SCU/5 28,840- 206-70- 9-B WA5DTK 27,008- 211-64- 5-A	26,164- 211-62-17-A	KK7A 36,010- 277-65-15-A
W3FQE 22,458- 197-57-17-B	W2AAN 2- 1- 1- 1-B	KC5PU 23,310- 185-63-15-A	20,104 211 02 11 11	KD7EJ 9328- 106-44-11-A
W3EE 18,256- 163-56- 8-A		N5AW 10,878- 111-49- 3-A	Pacific	W7KXA 1116- 31-18- 3-A
N3API 17,052- 147-58-10-A	Tennessee	KB5UL 9940- 71-70-17-B		
W3EVQ 10,250- 125-41-17-A		W5AE 6972- 83-42- 5-B	AI6V/KH6 128,464- 868-74-16-B	Montana
N3II 4480- 70-32- 2-A	K4XU 165.612-1119-74-24-A	W5AH (+ KM5X)	AH6EK ( + KH6XW)	
W3GNQ (+W3FG)	WM4Z 104,784- 708-74-20-A	150,480-1045-72-24-B	4288- 67-32-11-A	WB7CFL 109,008- 757-72-24-B
112,036- 757-74-22-B	N4ZZ 80,956- 547-74- 9-B NF4F 66,930- 485-69-14-B	K5MR (+ N4QS)	2.00	KE7X 61,124- 413-74-13-B
	K4PJ 30.636- 207-74- 8-B	114,610- 785-73-18-B	Sacramento Valley	W7LR 1584- 36-22- 1-A KS7T (+ KA7GVI)
Western Pennsylvania	K3CQ 26,544- 237-56-15-B	KC5EA (+ N5AU)	KI6O 200,540-1355-74-23-B	131,760- 915-72-24-B
VOLUE 100.000 1050 70.10 B	K4XO 10.952- 74-74- 8-A	87,220- 623-70-10-B	KV6H 161,622-1107-73-24-B	131,760- 915-72-24-B
K3UA 183,668-1258-73-19-B K3LWM 154,468-1058-73-23-B	WB4MUZ 9680- 121-40- 8-A	WB5RMQ (+ KA5s FSJ,LAQ,	K6SG 153,008-1048-73-22-B	Nevada
KB3WX 76,896- 534-72-21-A	KA4MRR 1008- 28-18- 2-A	KCØJB,N6HFR,WB5YAZ) 55,042- 377-73-24-A	KF6A 112,332- 759-74-20-B	
AG3H 63,344- 428-74-16-A	KE4TX ( + KB4PH)	75,042- 3/1-13-24-A	N6GJC 70,140- 501-70-22-A	WA7NIN (W6OAT, opr.)
AD8J 36,594- 321-57- 4-B	600- 40-15- 2-A	Oklahoma	N6WR 33,098- 247-67-21-A	236,356-1597-74-24-B
WA3WAW 36,168- 274-66-10-B			WB6KOE 9996- 119-42-11-A	KA7BRE 111,106- 761-73-23-B
W3QII 25,296- 204-62-16-A	Virginia	KM5H 113,664- 768-74-21-A	WA6BRV 3596- 58-31- 4-A	WA7UEC 69,632- 512-68-11-A
KF3C 24,120- 180-67-17-A		K7CW 37,572- 303-62-10-B	N6JM 2392- 46-26- 3-A	WB7VVH 5928- 78-38- 7-B
KA3AUX 5040- 72-35- 3-A	KD4NI 200,750-1375-73-24-B	KEDEC 18,666- 153-61- 9-B	AA6DX 2350- 47-25- 2-A	
K1PLR 1806- 43-21- 4-A	W3YY 185,472-1288-72-24-B	WB5OSM 3060- 51-30- 3-A	WB6UHQ ( + WA6ZGK)	Oregon
WA3PCX 1080- 27-20- 3-A	N3JT 153,360-1065-72-21-B N4UU 96,652- 662-73-21-B	N5KW (+ K5CM,N5CG)	23,370- 205-57-10-A	W7NI 206,904-1398-74-23-B
W3KWH (AK3J,K3RYA,KA3s IVB,	AA4FF 84,242- 577-73-18-B	247,900-1675-74-24-B	Can Diago	
LIW,N3AOK,W3SVJ,WB3s BRY,	WC4B 77,904- 541-72-24-A	Southern Texas	San Diego	W7YAQ 120,960- 840-72-21-A W7XU 110,408- 746-74-19-B
KXX,WN3VAW, oprs.) 72,380- 517-70-17-B	N4MM 76,960- 520-74-17-A	200	N6ND 202,316-1367-74-20-B	K7KJM 105,364- 742-71-22-A
V3WC (+ N3BOP)	KC4B 75,190- 515-73-20-B	N5DU 244,792-1654-74-24-B	W6JXA 24,662- 209-59-11-A	AI7W 72,576- 504-72-19-A
38,500- 275-70-19-A	WN4VAU 56,012- 418-67-24-A	KZ5M 197,284-1333-74-24-B	AA6EE 24,278- 199-61- 9-A	WA70EM 59,094- 441-67-10-A
	KB4NT 51,246- 351-73-17-A	KB5FU 159,988-1081-74-22-B	N6JMV 9996- 98-51-11-A	K7GDN 43,884- 318-69-20-A
4	W4XD 50,250- 375-67-12-B	K5WA 157,916-1067-74-13-B		KB7WY 43,878- 309-71-21-A
4	WD4ELJ 45,406- 311-73-18-B	N5DDO 140,744- 964-73-24-A	San Francisco	K7EW 34,790- 245-71-13-A
Alabama	WB4J 41,076- 326-63-15-B W4YE 39,000- 300-65- 7-B	K5DX 124,024- 838-74-18-B WD5AAM 110,016- 764-72-23-B	K6ANP 189,884-1283-74-24-B	KA7PGW 31,200- 260-60-19-A
	K4YT 34,036- 254-67-10-B	KC5CP 104,488- 706-74-23-B	W6KMW (KE6LV , opr.)	W7GUR 28,644- 231-62-11-B K7GWK 13,312- 208-64-16-A
N4KG (KC4ZV, opr.)	W4JLS 32,384- 253-64-18-A	WA5IYX 68,040- 486-70-23-A	62,100- 450-69-20-B	KA7AGH 12,250- 125-49-14-A
189,884- ı283-74-24-B	N4XD 31,860- 295-54-10-B	AA5Y 66,008- 446-74-24-B	WA8LLY 34,816- 272-64-15-A	WB7UFJ 306- 17- 9- 1-A
W4NTI 94,720 640-74-17-B	AF4O 30,080- 235-64-13-B	W5ASP 41,640- 347-60- 7-A	K6LRN 33,654- 237-71- 9-A	KA7MDM (+WB7RPJ)
K4IQJ 67,482- 489-69-20-A	WB4ZPF 28,014- 203-69-18-A	K5LZO 41,088- 325-64- 5-B	WB6SRM 25,864- 212-61-12-A	93,456- 649-72-24-A
KF4FN 50,924- 439-58- 6-B	N4JHN 27,348- 258-53-18-A	N5FRV 27,956- 241-58-16-A	W6BIP (+WA6DJI)	WB7TXM (KA7s FTS,PGB,N7s ENZ
KA4PKB 40,020- 290-69-15-B WD4PVI 26,640- 222-60-14-B	N4JGM 27,156- 219-62-24-A	W5UFA 27,060- 205-66-15-B	153,624-1038-74-23-B	EUF, WB7NML, oprs.)
K4GSK 10,082- 71-71-15-A	W4NND 19,800- 180-55-13-A N4RA 15,912- 153-52- 5-A	K5GB 25,760- 230-56- 6-B KA5ABS 25,704- 204-63-14-A	WA6DHM (+ AC0P, KB6AVU,	50,508- 366-69-22-B
W4CUE (KA4s WMM,LEN,TGW,	N4HA 15,912- 153-52- 5-A W4WWQ 15,622- 107-73-16-A	W5LLU 15,846- 139-57-16-B	KE6WL) 48,300- 345-70-23-A	KF7D (+ WA7s WEP,WNQ) 33,960- 283-60-24-B
KB4AQQ,KD4DQ,W4EVD,WA4s	KA4ERK 15,048- 132-57- 9-A	N5JJ 14,194- 151-47- 3-B	San Joaquin Valley	33, <del>30</del> 0- 283-00-24-B
QLA,RAJ,RNP,WD4IXE, oprs.)	KA4IUM 13,780- 260-53- 7-A	N5AF 14,040- 135-52- 7-A		Utah
42,250- 325-65-18-B		WD8DKJ/5 112- 8- 7- 5-A	KD6WW 176,564-1193-74-23-A	
42,200 020 00 10 0	KF4FP 10,032- 76-66-11-B		W6SX 13,344- 139-48- 2-B	W7GXC 50,320- 370-68-12-A
	W4KFC 8200- 100-41- 3-A	NA5R (+K5GA,KN5H,N5EA)		VV/GAC 50,320- 370-68-12-A
Georgia	W4KFC 8200- 100-41- 3-A KC4DY (+ AB4U,KA4s BGZ,ZPT,	213,564-1443-74-24-B	W6LXA 12,936- 132-49-24-B	740000000000000000000000000000000000000
Georgia	W4KFC 8200- 100-41- 3-A KC4DY (+ AB4U,KA4s BGZ,ZPT, KB4PV,KJ7K,N4s FHL,GNN,HON,	213,564-1443-74-24-B K5VWW (+ K2TNO,KC5M,KG5U,		Washington
Georgia K4BAI 175,824-1188-74-24-B	W4KFC 8200-100-41-3-A KC4DY (+ AB4U,KA4s BGZ,ZPT, KB4PV,KJ7K,N4s FHL,GNN,HON, JED,VG,VG,W4YV,WB4QOJ.)	213,564-1443-74-24-B K5VWW (+ K2TNO,KC5M,KG5U, W5ASP)	W6LXA 12,936- 132-49-24-B WA6SLF 1102- 29-19- 4-A	Washington
Georgia	W4KFC 8200- 100-41- 3-A KC4DY (+ AB4U,KA4s BGZ,ZPT, KB4PV,KJ7K,N4s FHL,GNN,HON, JED,VG,VG,W4YV,WB4QOJ) 120,916- 817-74-23-B	213,564-1443-74-24-B K5VWW (+ K2TNO,KC5M,KG5U, W5ASP) 190,476-1287-74-24-B	W6LXA 12,936- 132-49-24-B	Washington K7RI (K7SS opr)
Georgia  K4BAI 175,824-1188-74-24-B  KC9BC 56,700- 225-54-12-B	W4KFC 8200-100-41-3-A KC4DY (+ AB4U,KA4s BGZ,ZPT, KB4PV,KJ7K,N4s FHL,GNN,HON, JED,VG,VG,W4YV,WB4QOJ) 120,916-817-74-23-B WI4B (+WB4WDM)	213,564-1443-74-24-B K5VWW (+ K2TNO,KC5M,KG5U, W5ASP)	W6LXA 12,936- 132-49-24-B WA6SLF 1102- 29-19- 4-A Santa Barbara	Washington K7RI (K7SS opr) 194,620-1315-74-24-A
Georgia  K4BAI 175,824-1188-74-24-B  KC9BC 56,700- 225-54-12-B  K4KKJ 46,782- 339-69-15-A	W4KFC 8200-100-41-3-A KC4DY (+ AB4U,KA4s BGZ,ZPT, KB4PV,KJ7K,N4s FHL,GNN,HON, JED,VG,VG,W4YV,WB4QOJ) 120,916-817-74-23-B W14B (+ WB4VDM) 34,048-304-56-16-A	213,564-1443-74-24-B K5VWW (+ K2TNO,KC5M,KG5U, W5ASP) 190,476-1287-74-24-B NM5L (+ K5IY)	W6LXA 12,936- 132-49-24-B WA6SLF 1102- 29-19- 4-A Santa Barbara K6VMN 93,744- 651-72-23-B	Washington K7RI (K7SS opr)

AJTY 163,096-1102-74-23-B 57,744-401-72-24-B WBUE (+ KABNCR) Illinois Colorado WBHBH 100,492- 679-74-20-B WBOBN (WB0CDY, opr.)  WA7RWK 99,120- 708-70-18-B 52,704- 366-72-19-A K7GEX (WB7BNP, opr.) KDBID (+ KC8TB) K9RS 215,340-1455-74-24-B WB9HAD 160,580-1085-74-20-B 251,156-1697-74-24-B KU0G 68,820- 465-74-24-A	KC7KII 400 700 4407 74 04 0	N8ALL (+KC8LD.KT8Q)	9		KM0L 136,456- 922-74-24-B
Wilson			•	·	KØRWL 110,260- 745-74-23-A
STOCKE CENTERS - COPY -			Illinois	Colorado	
TYPE 07 00 07 02 07 00 0			K9RS 215 340-1455-74-24-R	KARE (MAIA ODE)	
WARDER SALE SALE SALE SALE SALE SALE SALE SALE					
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STRICT 16 1 2 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1					
March   Marc					NØBGL 16,008- 138-58-13-A
Signature   1.54					
WORDOW   100   174   14   14   16   16   17   17   18   16   17   18   17   18   18   17   18   18		Ohio			
Wilson   14.4   Wilson   14.5   Wilson   14.		K8AZ 189,362-1297-73-24-B			
Color					Nebraska
March   1966					
## State   1.00					
MACHINE SIZE 527 4.0  WESTON 19, 10 10 10 10 10 10 10 10 10 10 10 10 10					
WEISTON 442 175-14 175-16 175-					
March   19					
## WINDOWS 6 3 - 1 - 14					
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WINDER   CONTROL   CONTR	K7LXC (+ K7HBN,KB7G,KC7RN)	KB8HV (N8FJP, opr.)	WD9IRV 30,104- 212-71-15-B	WBØNOH 49,536- 387-64-15-A	
## AFCOLL AND LL OF YOUTH COUNTY COUN					KDØEV 6020- 86-35- 5-A
## # # # # # # # # # # # # # # # # # #			W9IL 26,908- 217-62- 8-B		
COUNTY   100	KL7UR, N7DRT,WA7OII, WB7s	N8ATR 61,776- 429-72-24-B	KC9JT 25,704- 204-63-10-B	KDØDI 32,500- 250-65-20-A	
Minimary   March   M					KØGND (+ KBØQH, WØMCP,
PAY JOSEPH JOSEP					
2,250   19-59   2,46	PJV,RCS,RDB,RDX,RDY,RGL,N7s	WA8ADA 47,704- 356-67-13-B	WD9IFS 21.248- 166-64-20-A	20,886- 177-59- 8-A	103,222- 101-13-23-6
WHITE   Color   1,72,72   1,00   1,0					North Dakota
Winter   W	22,02U- 190-08-24-A				WARDUC 20.255 212.50.15 A
WATER   WATE	Wyoming	KD8GC 39,192- 284-69-10-A	W9RW 10,580- 115-46- 1-B		
20.128   1737-772-80   AAESS   AAES	W7NE (WB3DNI cor)			lowa	KCØUM 1000- 25-20- 2-A
NTCS    19.356   587.74.24   WILLIAM   WILLI			N9DPP 4480- 64-36- 4-A		
March   1985   1973   1974   1975   1974   1974   1975   1974   1974   1975   1974   1974   1975   1974   1975   1974   1975   1974   1975   1974   1975   1974   1975   1974   1975   1974   1975   1974   1975   1974   1975   1974   1975   1974   1975   1975   1974   1975	N7CG 125,356- 847-74-24-B	W8DXT 31,152- 236-66-23-B	KC9DL 552- 23-12- 2-A		
Martin   1,4460   200-56-200   Amale   20.0000   20.000   20.000   20.000   20.000   20.000   20.000   20.000					
NCTO   2002   36.77   44					South Dakota
RB/MI + 177 - 228	NC7O 2052- 38-27- 4-A	KA8ETK 30,366- 241-63- 9-A			WB0MWJ 130.388- 881-74-19-B
## ACBS   25.570   275-592-48   Michigan   1.000   2.000   2.100   2.100   2.0					
Michigan	75,414- 517-71-22-8				
Mile	8				
## ## ## ## ## ## ## ## ## ## ## ## ##	Michigan				VE
Miles   187, 198, 198, 198, 198, 198, 198, 198, 198	micingan				Maritime Newfoundland
KOOFT 650-162-1097-72-29-8 KROOC 16-594- 13-45-6-86-8 KJD (KNSV) OFF 150-15-16-16-15-16-16-15-16-16-15-16-16-15-16-16-15-16-16-15-16-16-16-15-16-16-16-16-16-16-16-16-16-16-16-16-16-					maritime - Newroundland
WORDHY   14-16-16-16-16-16-16-16-16-16-16-16-16-16-			Indiana		
MARCH   14228   617-74-18   MSFP   1728-150-77-11-8   MSFP   1728-15			KJ9D (KK9V, opr.)		VO1AW 1026- 27-19- 1-B
March   Marc					Quebec
WELL 8224 603 74 11-8					2.10
NOTICE   1986   1987   1986				NØEJI 6318- 81-39- 3-A	
NBOL STATE OF THE			KR9U 103,600- 700-74-20-B		
ACBW 76,125 5272-13-18 AIRS 10,4334 111-47 7-A 69-B 68,328 4887-31-16 81,488-568-73-22-A					
NUMBER   17,142   501,71-17-24   WIGHTM   7420 106-35   64   WIGHTM   7420 106-35   64   WIGHTM   7420 106-35   64   WIGHTM   7450 106-35   74   WIGHTM   7450 106-35	AC8W 76,212- 522-73-18-B	AI8S 10,434- 111-47- 7-A	K9KB 68.328- 468-73-11-B	81,468- 558-73-22-A	Ontario
NBDET 63,758 449,71-22.A NBGU 6720 80-42-7.A WDPLW 30,390-277-01-14.A NBGU 53,997-12-6.B NBCX0 32,706-29.B NBCX0 32,706-					VE3CDS 35,088- 258-68-21-A
KSBQC 56.66 399-17-42-B NBCXQ 3456 64:27-4-A WDEFW 30:300-217-70-14-A 32.708-221-74-19-A 180.2012-21-B NBCQ 45:996-390-73-24-B KSBL 1300-302-22-B NBCC 45:996-390-73-24-B KSBL 1300-302-22-B NBCC 45:996-390-73-24-B NBCC 30:21-22-B NBCC 30:308-81-A NBCC 30					
Manipage	KS8Q 56,658- 399-71-24-B	N8CXQ 3456- 64-27- 4-A	WD9EWT 30.380- 217-70-14-A	32.708- 221-74-19-A	
WORDING   47,80   327,70.13.8   WBJDM   270   15.9   1.4   KUSC   26.200   190.69.14.8   KUSE   41.800   310.66.7   68   WBJBM   KCSB MK XKKVBM   KASH MK XKK				Kaneae	
K8BIA 44.100 506-03-10-8 KWBN NS K7K-KVBM. KUBE 41.00 310-06-10-8 KWBN NS K7K-KVBM. KUBE 41.00 310-06-10-10-8 KWBN NS K7K-KVBM. KWBN 42.00 310-06-10-10-10-10-10-10-10-10-10-10-10-10-10-				Kunsus	Manitoba
WASAM   41,208   303,68117.A   WSCAR WDBUP opts   WY91   KASS CVV MHO NOP NOH. KSSAK   42,208   305,66134   229,252,1549,74248   WBUT (ADBIRSLIT KREM KASS M SABRO   39,40   295,661-63   MUET IH NPS CLD CVZ WBPH   11,30   103,53   6A   VEAR   VEA	K8SIA 44,100- 350-63-10-B				VE4GN 31,024- 277-56-17-A
NBBRQ   39.0   296-61-61-6   Well (10Bit   31   1864   1-13   11.10   102-3-3   6A   NBBRQ   39.0   296-61-64   Well (10Bit   31   1864   1-13   11.10   102-3-3   6A   NBBRQ   39.0   296-61-64   Well (10Bit   31   1864   1-13   11.10   102-3-3   6A   NBBRQ   39.0   296-61-64   Well (10Bit   31   1864   1-13   11.10   102-3-3   6A   NBBRQ   39.0   296-61-64   Well (10Bit   31   1864   1-13   11.10   102-3-3   6A   NBBRQ   39.0   296-61-64   Well (10Bit   31   1864   1-13   11.10   102-3-3   6A   NBBRQ   39.0   296-61-64   Well (10Bit   31   1864   1-13   11.10   102-3-3   6A   NBBRQ   39.0   296-61-64   Well (10Bit   31   1864   1-13   11.10   102-3-3   6A   NBBRQ   39.0   296-61-64   Well (10Bit   31   1864   1-13   18					LAMITE ED,EDO ED OF THE
NBBRO 39.90/ 29.56-61-A WELL (ADBRAJ) RABM PART MAS CIDCY/WBSFH IN SCIDCY/WBSFH IN SCIDC (ADBRA) RABM PART MAS CIDCY (ADBRA) RABM PART MAS CID			KC9RG,KK9W.KS9J,KX9G,N9s.DKI.	KD0FH 39.304- 289-68-11-A	
WASDIT   32.99- 241-67-14-B   WOS IKE LXX, opts)   MaFKF (+ KASORN, KGUT)   S2.796-394-67-18-B   WOCY   17.88-116-14-12-B   WOCM   14.060-95-74-16-B   WOCM   14.060-95-74-16-B   WOCM   14.060-95-74-16-B   WOCM   14.060-95-74-16-B   WOCM   14.060-95-74-16-B   KVD   12.876-67-71-73-24-B   WOSDIT   17.88-116-74-12-B   WOSDIT   17.88-1					VE4AEO 0330- 10-43- 3-A
KRSPN 32, 162 - 886-62-154 MBSLRT (+ WBBCC) 112, 566 - 771-73-24-B WASCAR 31, 374 - 249-63 - 8A NRCEO 30, 492 - 242-63 - 124 A WASCEV (+ NRCEW WDOB JAV. NGOB WASCAR 31, 374 - 249-63 - 8A NRCEO 30, 492 - 242-63 - 124 A WASCEV (+ NRCEW WDOB JAV. NGOB WASCAR 31, 374 - 249-63 - 8A NRCEO 30, 492 - 242-63 - 124 A WASCEV (+ NRCEW WDOB JAV. NGOB WASCAR 31, 374 - 249-63 - 8A NRCEO 30, 492 - 242-63 - 124 A WASCEV (+ NRCEW WDOB JAV. NGOB WASCAR 31, 492 - 124 - 124 A WASCAR 31, 492 - 124 - 124 A WASCAR 31, 492 - 124 - 124 A WASCAR 31, 492 - 124 A WASCAR 31,					Saskatchewan
Magnar   1,259-62-15-A   WBBCME   WBBCME   WBBCME   WBBCME   112.566-771-73-24-B   WBCME   122.566-771-73-24-B   WBCME   122.566-771-73-14-A   WBCME   122.566-771-73-14-A   WBCME   122.566-771-73-14-A   WBCME   122.566-771-73-14-A   WBCME   122.566-771-73-14-A   WBCME   122.566-771-73-B   WBCME   122.566-771-73-14-A   WBCME   122.566-771-73-A   WBSME   122.56	KB8HO 32,160- 480-67- 7-B			W0CY 17.168- 116-74-12-B	VESTO 17 568- 144-61-13-A
NSCEO 30.492 - 242-63-12.A WAGEZY (+ NSCBY WDBS JAV. KORM 30.016 - 288-56 - 6.A MITM MY NNB   7.628 - 661.74.24.B WBX			Wisconsin		VE5QM ( + VE3ABV)
MILMU   28B-56   6-A   MILMU   NRB   MURCIP   103,896   702,74-20-B   MURCIP   103,896   702,74-20-B   MURCIP   2926   212-692-18   212-692-18   75,774   519,73   22-B   MURCIP   2926   212-692-18   75,774   519,73   22-B   MURCIP   2926   212-692-18   75,774   519,73   22-B   MURCIP   2926   212-693-17-B   MURCIP   2926   212-693-17-B   MURCIP   2926   212-693-18   79,524-1213-4-2-B   MURCIP   2926   212-693-18   79,524-1213-4-2-B   MURCIP   2926   212-693-18   77,700   525,74-23-B   MURCIP   2926   212-693-18   77,700   525,74-2-B   MURCIP   2926   212-693-18   77,700   525,74-23-B   MURCIP   2926   212-693-18   77,700   525,74-2-B   MURCIP   2926   212-693-18   72,700   2026			Haconam		96,940- 655-74-23-B
WBMD   29,266 217-8   WBMD   29,266 217-8   WBMD   29,266 217-8   WBMD   20,264   WBMD   20,	KO8M 30,016- 268-56- 6-A	NMT.NMV.NNB)		W0SOE (KF0M,WA0VJF,	ALBERTA
WBMC  26.344   778-74-11-B					
WBMOF   23.058   189.61-14-B   67.456   544.62-19-B   WBFT   (ASL) ARSK KABS LON PMK, WBK AT   22.20-18-B6-21-48-B   WBFT   (ASL) ARSK KABS LON PMK, WBK AT   23.00-18-B6-10-A   WBK   23.00-18-B6-18			WA1UJU 85,768- 604-71-23-A	KØWA ( + ABØS.KBØEC)	
WBEGI 18.000 150-60 8.4 NAS NAS AREA (CVK.DOLEYO. MS ADZ.AEL,CVK.DOLEYO. MS ADZ.AEL,CVK.DOL					
NBCQA 16,188 142,57-11.A NABW WRS AFR.KUZ W85 EYT. WB9VOZ 4866.16.B WB9VOZ 4866.16.B WB9VOZ 4866.16.B WB9VOZ 4866.16.B WB9VOZ 4866.16.B WB9VOZ 4866.0.374.65.23.A WB9VOZ 4860.374.65.23.A WB9VOZ 4860.374.65.23.A WB9VOZ 4860.374.65.23.A WB9VOZ 4867.10.A KBDLR 10,300. 130.50. 8.B KABREL (+ WB8JHT) KBBLR 10,300. 130.50. 8.B WSFW (AABR.KABS CBE.RHK, AJ9U 36,270. 279.65.13.A WB9VOZ 4867.10.A KABRAZ 7400. 100.37. 7.A WBCA.WB9MOZ 979.65.13.A WB9VOZ 4867.10.A KABRAZ 7400. 100.37. 7.A WBCA.WB9MOZ 979.65.13.A WB9WOZ 979.65.13.A WB9W					VE6XS 43,680- 312-70-15-A
VABBUR   15, 202   177.43   3.8   YEW,WDSQDY, oprs   S0, 662   347.73-21-8	N8CQA 16,188- 142-57-11-A		K9KR 53,448- 393-68-16-B		
KABPCH 15,000- 150-30-17-A KABMR (+WBAJHT) 41,000- 17-A KABMR (+WBAJHT) 41	WA8RRR 15,222- 177-43- 3-B	YEW, WDSQDY, oprs.)	WB9VOZ 48,620- 374-65-23-A		
KABBCL 10;300 - 103-50 - 8-B 33,600 - 240-70-18-B A JUL 14 272 - 308-67-10-A K0JL 157,968-1097-72-22-B K8BRT 10,080 - 80-63-15-A W8FW (AABR,KA8S CBE,RHK. AJ.JU 36,270 - 279-65-13-A K0JCLA,WBFMC, oprs.) KBDW (A.J. 14 272 - 308-67-10-A K0JLL 157,968-1097-72-22-B K8BRT 10,080 - 80-63-15-A W8FW (AABR,KA8S CBE,RHK. AJ.JU 36,270 - 279-65-13-A W8DW 76,504 - 524-73-24-B W8DW 77,404 - 4-B K3DW 44-72-19-B W8DW 74,504 - 70-36 - 4-A W8DW 75,372 - 571-66-24-A W9TL W3DW 75,372 - 571-66-24-A W3DW 75				minnesota	CQA,CQB,CQG,GQ, oprs.)
KBBRT 10,080 - 80-63-15-A NBCLA,WBFW (AABR,KABS CBE,RHK, NBAOE 8000-100-40 - 4A NBCLA,WBBPMG, oprs.)   KBBAC 8000-100-40 - 4A NBCLA,WBBPMG, oprs.)   KBBDC 74-05-10-A KBDK (HNBFU)   M9BMW 27,600-200-69-12-B   M9BMW 27,600-200-69-12-B   M9BMW 76,504-524-72-4-B   M9BMW 27,600-200-69-12-B   M9BMW 76,504-524-72-4-B   M9BMW 78,502-74-  M9BMW 78,502-74-  M9BMW 78,502-74-  M9BMW 78,502-74-  M9BMW 78,502-74-72-12-B   M9BMW 78,502-74-72-12-B   M9BMW 78,502-74-72-12-B   M9BMW 78,502-74-72-12-B   M9BMW 78,502-74-8-13-A   M9BMW 78,502-74-72-12-B   M9BMW 78,502-74-72-12-B	KA8BCL 10,300- 103-50- 8-B		K9LJN 41,272- 308-67-10-A	KØIJL 157.968-1097-72-22-B	57,552- 436-66-22-A
N8A0E 8000-100-40-4-A N8CEA,WBBMC, Opts)	KB8RT 10,080- 80-63-15-A			KØFZG 92,880- 645-72-24-A	British Columbia
N8BRG 5180 - 74-35-10-A AF8D 3080 77-40 - 4-B N8BR 31.392 - 218-72-13-A W89HRO 22.320 - 180-62- 8-A W24FHI/0 63.504 - 441-72-19-A VEFFCK 26.136 - 198-66-15-A W89HRO 22.320 - 180-62- 8-A W24FHI/0 63.504 - 441-72-19-B W89HRO 22.320 - 180-62- 8-A W24FHI/0 63.504 - 441-72-19-B W89HRO 22.320 - 180-62- 8-A W24FHI/0 63.504 - 441-72-19-B W89HRO 22.320 - 180-74- 9-A N8BG 22.200 - 150-74- 9-A N8BG 22.200 - 150-74- 9-A N8BG 22.200 - 150-74- 9-A N8BG 22.200 - 180-74-					
AFBD 3080- 77-40-4-B NBESK 3000-50-30-8-A KD8KU (+ KABMRG)	N8BRG 5180- 74-35-10-A	K8DHK ( + N8FU)	W9GMV 25,668- 207-62- 9-A	ACØW 71,832- 492-73-24-A	
NBLBL   2912   52 28   5-A   NBLBL   21204   171-62:21-A   NBBIX   13.630   145-47   9-A   NBBG   22.200   150-74   9-A   NBBG   28.200   150-74   9-A		31,392- 218-72-13-A			
NBEA 784 28-14- 1-A WOSCY (+K8AQ,KA8S ALN,EEA POW,GM,KC8S A,KG,WSONL) 192-992-1304-74-24-B NBI 169.360-1160-73-24-B NBII 79.094-557-71- 8-B NBII 79.094-557-71-8-B NBII 79.094-557-71- 8-B NBII 79.094-557-71- 8-B NBII 79.094					N.W.T Yukon
\begin{align*} \begin	N8EA 784- 28-14- 1-A		K9GDF 9200- 100-46- 2-A	KJØK 21,904- 148-74-15-A	VY1AU 13.552- 121-56-12-A
192.992-1304-74-24-B NBRR 169.360-1160-73-24-B WBBJPJ 4200- 70-30-9-A NBBV 199.008-75-72-12-B WBBJPJ 4200- 70-30-9-A NBBJPJ 420- 70-30-9-A NBBJ		West Virginia			VY1CW 10,452- 134-39-12-A
NABV (+ WABYVR) NBII 79,094 557-71-8-B N9DIJ 32-4-4-1-A 109,008 757-72-12-B WABYVR (+ WBLVN, WBUA) 95,910-696-59-14-B WBUK (NBBUXY) 64,380-435-74-23-B WBWW 3888-54-36-3-B WBW 3888-5		N8RR 169.360-1160-73-24-B			
WA8YVR (+ WBLVN, WBUA)	NA8V (+ WA8YVR)	N8II 79.094- 557-71- 8-B	N9DIJ 32- 4- 4- 1-A	WBØYUC ( + WDØFOF)	
95,910 695-69-14-B W8VEN 27,690- 213-65-19-B 178,996-1226-73-24-B W8BSCO,WD0HBW)  W8VEN 27,690- 213-65-19-B 178,996-1226-73-24-B W8BSCO,WD0HBW)  W8VEN 27,690- 213-65-19-B W8VEN 27,690- 213-65-19-B W8BSCO,WD0HBW)  W8VEN 27,690- 213-65-12-B W8BSCO,WD0HBW  WAYNF,MSSM,MSDUH,WSSM,MSDUH,WSSM,MSDUH,WSSM,WSM,MSDUH,WSSM,WSM,WSM,MSDUH,WSSM,WSM,WSM,WSM,WSM,WSM,WSM,WSM,WSM,WS					Chacklogs
KIBV (+ WBBJYX)					Clieckiogs
W8UM (N8s CBA,DKJ,WD8DPA, oprs) 64,184 -452-71-22-B W8PMX 600- 20-15- 1-A 168,276-1137-74-24-B Missouri KE7W,KB8FJ,KV8A,NBDUH, W8VDC (+ W8TJQ) P/Z) M08SH) K9FYZ (+ N9BLR.N0AKC, N0BSH) K4VX (KR0Y, opr.) K4VX (KR0Y, opr.) K70D,W0IZVWØWUU,V23BAJ, P/Z) 117,238- 803-73-24-B 243,608-1646-74-24-B VE4IN,VE8JG,VY1AB	KI8V (+WB8JYX)	W3IJT 22,156- 191-58-17-A	KØFVF/9 ( + KØTG,KMØO,		
Oprs)         64,184         452-71-22-B         KQ3S (+ KA8HRD, K3LDE,W3s DQI, PYZ)         K9FVZ (+ N9BLR,N0AKC, N0BSH)         K4VX (KR0Y, opr.)         W8VUV, W9MSL, W9PNE, AG0M, K1D, W0IZVW0WUU, V23BAJ, V21-24-B           68,504         441-72-19-B         33,264-231-72-24-B         117,238-803-73-24-B         243,608-1646-74-24-B         VE4IN, VEBUG, VY1AB				Missouri	
W8VPC (+ W8TJQ) PYZ) N0BSH) K.*VX (KR0Y, opr.) KT0D,W0IZVW0WUU,VE3BAJ, 63.504-441-72-19-B 33.264-231-72-24-A 117.238-803-73-24-B 243.608-1646-74-24-B VE4IN,VE8JG,VY1AB					
	W8VPC (+W8TJQ)	PYZ)	NØBSH)		KTØD,WØIZVWØWUU,VE3BAJ,
U.ET-	63.504- 441-72-19-B	33.264- 231-72-24-A	117,238- 803-73-24-B	243.608-1646-74-24-B	VE4IN,VE8JG,VY1AB
					q.·