Results, June VHF QSO Party

By Bill Jennings,* K1WJ

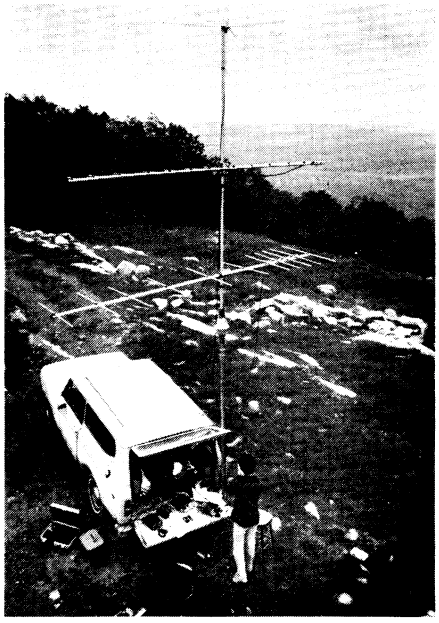
There is dancing in the streets of East Hartford, and hams in Wellesley are euphoric. There's joy in Hilltown and up on "the Pack," but spirits are somber in San Carlos.

Why? Because N6NB operated one last VHF contest on the East Coast, and then drove his radio van west to sell it to a Californian. No longer will this western interloper fly coast to coast on airline super savers, pick up his van in New Jersey and terrorize eastern mountaintops.

The van, which houses a complete VHF contest station, a crank-up tower and even a 5-kW generator to power everything, is now owned by K6GSS, and its future haunts will be places like Mount Hamilton in the Santa Clara Valley section, not mountains in the rare sections of the East.

For me, the last eastern contest was a nice finale to it all, with coast-to-coast E-skip on 6 meters and contacts from Illinois to New England on the higher bands. Spruce Knob, the highest point in West Virginia, may not quite be Mount Greylock, but it's an exciting place to operate a VHF contest.

Altogether, I used the van to operate three VHF contests full time. The result: New England and national scoring records in both the June and September events, plus a new Roanoke division record this time. It cost a lot of money, but for this Westerner, operating a few VHF contests in that fabled VHF wonderland east of the Appalachians was worth it all. Thanks to the logistics support of people like W1SL, K1XR, KC2X, KB2M, K2OWR, WA2UNN and WB2WIK, I went home with enough VHFing memories to last a lifetime. — Wayne Overbeck, N6NB



The view from Catfish Mountain in Northern New Jersey at WB2OHV. 'OHV and multiop partner KA2EIA found the local mosquito population out in force to spur them on.

From the same people who brought you that rather ordinary January VHF Sweepstakes weekend comes "Super June VHF QSO Party."

To appreciate just how fine a weekend on the vhf bands during a contest can be, you simply had to be one of the 1122 participants who submitted 547 official entries and whose scores are listed at the end of this report. If you weren't there, scan the multiplier, top ten and Division leader boxes, and let the numbers do the talking. Anyone trying to bring up that old bugaboo about "punk" conditions is certainly going to have to go against some pretty convincing statistics.

Among other outstanding statistics in the June 12-14 event were the first 300-kilopoint scores ever recorded in an ARRL VHF Contest. Not one, but two stations (both of the multioperator variety), W1FC and W2SZ/1, hit the old 3×10^5 and kept right on going. There was DX aplenty to be worked. The WA8ONQ group, conspicuous by its absence from the W/VE top ten for multioperator stations, made the trip to Montserrat and put the call sign VP2MNQ in 57 logs. C6ADV was there to be worked on 6 meters, as 332 vhf contesters did, while two groups journeyed to XE-land to provide a little excitement from south of the border. Thanks to XE2s BC and XW. Let's not forget K1FJM who traveled to the Grand Cayman Islands to put ZF2EW on for the contest. On the domestic side of the ledger, 14 new all-time division records were set, six by single-operator stations and the other seven by their multiop counterparts. A comparison of the 1980 and 1981 top-ten scores reveals that there was a plus-6000-point gain in the average score of the 1981 single op "top tenner" to 57,398 points over the 51,952-point score posted by his 1980 counterpart. Multioperator average top-ten scores posted an astronomical jump of almost 29 kilopoints from 160,465 in 1980 to 189,335 in the contest just past. If you still think that this was just an ordinary contest weekend, you probably weren't in the right place at the right time — and we all know how that feels.

Look at the top of the heap in the single-operator listings. W9IP led the pack, not to mention that his 90-k plus score also obliterates his own 1980 Central Division record for single-operator stations and is the new single-operator record for the June contest. His secrets? Mike lists his advantages as, ". . . a high location in the clear, fast-rotating antennas, good quality audio, two antennas on 6 meters and instant bandswitching. Oh, by the way, please mention that I did not use fm." A little farther down the top-ten listings we find such familiar calls as N6NB/8 (now that the van is gone maybe we won't have to use the

Division Leaders

Single Operator			*Multioperator*	
Call	*Score*	*Division*	*Call*	*Score*
C6ADV	12,616	DX	XE2BC	28,272
K3SXA*	45,144	Atlantic	W3CX*	240,380
W9IP*	90,797	Central	K9HMB*	136,656
WAØCSL	20,995	Dakota	WØSD*	89,782
N4JS/5	27,676	Delta	N5DL	46,893
WA3VJU/8	26,565	Great Lakes	W8VP	87,349
WA2FGK/2*	61,903	Hudson	K2XR*	203,218
KØTLM	28,875	Midwest	WB7EPA/Ø	15,435
K1FO	69,216	New England	W1FC*	315,582
KB7WW*	26,649	Northwestern	K7AUO*	38,556
K1RZ	20,496	Pacific	W6YKM	32,305
N6NB/8*	84,780	Roanoke	W2CNS/8*	152,934
K5MAT	17,160	Rocky Mountain	NØBRI*	33,930
K4CKS	39,064	Southeastern	WD4IIS	79,540
WB7FDQ	10,038	Southwestern	WA7JTM	49,120
WA5VJB	25,480	West Gulf	N5KW	74,562
VE2DFO*	37,410	Canadian	VE3LNX	27,600

*New Record

*Communications Assistant, ARRL

portable indicator on Wayne anymore), K1FO and K3SXA — all top-ten types from the 1980 June contest. Let's welcome newcomers WA2FGK, WA1UQC, K1FWF, WB1CJT, W3XO and K1EM to the hallowed halls of the top-ten listings.

The competition for the title of top multioperator station in the June contests was ultimately won by the W1FC group in what can only be termed a battle of the microwaves with the rival W2SZ/1 team. Both multiops posted excellent 300-kilopoint scores, significantly eclipsing the old June party multiop best of 250,000 points set by the W1FC gang in 1980. Above 1296, W1FC worked six QSOs and six multipliers on 2 GHz, six QSOs and six multipliers on 3 GHz, five QSOs and five multipliers on 5 GHz, and seven contacts and five multipliers on 10 GHz. That, coupled with a big QSO total on 6 and 2 meters and good multiplier totals on 220, 432 and 1296, left the guys from New Hampshire with 1804 QSOs and 149 multipliers as well as a new June contest record score for multiop stations of 315,582 points. Over on Mt. Greylock in Western Massachusetts, the W2SZ/1 gang was heavily into the microwave scene also. They made four QSOs and four multipliers on 2 GHz (including a QSO with W3CCX in eastern Pennsylvania), six QSOs and five multipliers on 10 GHz, and the 'SZ secret weapon — one QSO and one multiplier on 24 GHz. In all, W2SZ had 1755 QSOs and 147 multipliers for a score of 310,611 points, good enough for second place among the multiops in this contest and a whopping 60 kilopoints better than the 1980 record score.

Thirteen all-time division records changed hands in June. Five of the divisions had "double headers" where both the single-operator and the multioperator records were broken: the Atlantic, Central, Hudson, Northwestern and Roanoke Divisions.

In the single-operator column, K3SXA took away the WA2DPU 1978 Atlantic Division record by over 2000 points. W9IP is now tops in the Central Division, while WA2FGK/2 added 12 kilo-points to the 1979 WB2WIK record in the Hudson Division. The Northwestern Division leader is now KB7WW, who threw a 6000-point whipping on the 1974 record of K7GWE. N6NB/8 again terrorized the East from West Virginia, and broke the K4WO 1979 record by 35,000 points to set the standard for single operators in the Roanoke Division. VE2DFO took up the VE1ASJ 1980 challenge and added 11 kilopoints to the old record in the Canadian Division.

W3CCX, K2XR and W1FC are the three multioperator stations who got into a self-improvement kick and bettered their own records in the Atlantic, Hudson and New England Divisions, respectively. In the Central Division, K9HMB added almost 76,000 points to the year-old WØOHU/9 record, while WØSD erased the WØOHU/Ø record in the Dakota Division. K7AUO zapped the four-year-old record of W7LYE/7 in the Northwestern Division, while the gang from W2CNS took their show on the road and smoked the 1979 W4BFB record in the Roanoke Division by nearly 105 kilo points. NØBRI added nearly 8000 points to the Bicentennial year record of WB5AXC/5, and now has the mark to beat in the Rocky Mountain Division.

All in all a pretty impressive list of accomplishments, wouldn't you say?

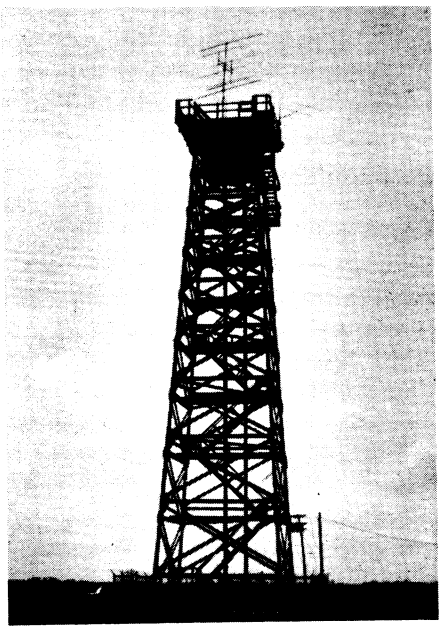
On a more mundane level we have a few comments about submitting vhf contest entries and about logging in general. In a vhf contest (or any contest, for that matter) accuracy in copying call-signs and contest exchanges cannot be stressed too strongly. When the contest log checker here finds an incorrectly copied call-sign in a contest entry, he extracts that call and a three-QSO penalty. A missing or incorrectly copied exchange is also extracted from the lot with a resulting reduction in score. Remember also that a complete and valid contest QSO requires the call of the station worked and the *complete* exchange for *every* QSO. Score credit cannot be given for incomplete QSOs, and some people will find their scores adjusted accordingly.

A new Ad-Hoc committee has been formed to provide, among other things, ideas and suggestions concerning the ARRL vhf/uhf contest program. Your thoughts and ideas about the vhf/uhf contests would be greatly appreciated. Please address all correspondence to committee chairman John Lindholm, W1XX, here at Hq.

Don't forget the September VHF QSO Party on September 12-13. Good luck.

SOAPBOX

Conditions were good on Saturday and fantastic on Sunday. Sunday morning we had a tropo opening on 2 meters to Northern California, something which is unheard of here in Arizona. Sunday night 6 meters went "bonkers" as signals from all parts of the U.S. were coming in (WA7JTM). Dear Soapbox: Why didn't you tell us that 6 meters would open up again on Sunday night? Missed a bunch of multipliers by taking down the antennas early after a slow day (W9DHK). [Dear W9DHK: Why didn't you ask? 73 de Soapbox]. Plentiful Molson beer made for an enjoyable contest in spite of the fact that I did not make too many contacts. My wife finally decided that she likes the contests because she gets to go on vacation. I hope to operate from a DX location next June, too (ZF2EW/K1FJM). All rigs made it through the contest, although Murphy did strike one or twice. The 6-meter rig melted a coax jumper and cooked a pair of 4CX150 tubes in the Thunderbolt before we realized



Tower of power. W9IP took home all the marbles from atop his 110-foot roost near Urbana, Illinois.

Multiplier Leaders

Single Operator

50 MHz	*144 MHz*	*220 MHz*	*432 MHz*	*1296 MHz*
K1TOL—60	WA1MAO—22	K1PXE—18	K1PXE—21	K1PXE—8
WA2FGK—49	KA2BTD—21	WA2FGK—14	K2RIW—24	W3CXU/2—6
	WA2GSX	W2EIF		
W3XO—50	K3SXA—21	K3SXA—18	K3SXA—18	W3IP—1
K4CKS—56	KC4EG—17	W3IY/4—15	W3IY/4—14	
			K4CAW	
K5MAT—49	N4JS/5—13	N4JS/5—3	K5BMG—9	WA5VJB—2
		K5BMG		
K6YK—38	K1RZ—13	K6IBY—8	K6PVS—8	K6ZMW—8
KB7WW—55	K1VOW/7—7	(4 stns)—2	(3 stns)—3	(3 stns)—1
WA3VJU/8—56	N6NB/8—23	N6NB/8—18	N6NB—18	WA8TXT—8
W9IP—60	W9IP—23	W9IP—11	W9IP—15	WB9SNR—5
WAØCSL—63	WBØSWD—16	KØDAS—8	WØVB—8	
	WØRWH			
VE2DFO—41	VE3FN—21	VE2DFO—14	VE2DFO—14	VE2BBK—1
C6ADV—38				

Multioperator

50 MHz	*144 MHz*	*220 MHz*	*432 MHz*	*1296 MHz*
W1FC—59	W2SZ/1—24	W2SZ/1—22	W2SZ/1—23	W2SZ/1—13
K2XR—60	K2XR—24	K2XR—21	K2XR—21	K2XR—10
	WA2SNA			WA2SNA
W3CCX—55	W3GNR—24	W3CCX—22	W3CCX—23	W3CCX—11
WD4IIS—57	(3 stns)—21	N4CD—9	N4CD—14	
N5KW—62	N5DL—17	N5DL—6	N5DL—10	
			WA5FDF	
W6YKM—39	WB6YQN—13	WB6YQN—7	WB6YQN—11	WB6YQN—11
WB6YQN		N6AMG		
N7DB—61	WA7JTM—12	N7NW—3	WA7JUO—7	WA7JUO—4
W2CNS/8—65	W2CNS/8—26	W2CNS/8—19	W2CNS/8—22	W2CNS/8—10
K9HMB—65	K9HMB—18	K9MRI—10	K9HMB—12	
W9UD/Ø—70	WØSD—17	W9UD/Ø—9	WØSD—13	(3 stns)—1
VE3LNX—40	VE3LNX—15	VE3LNX—12	VE3LNX—8	
XE2BC—24	XE2BC—14	XE2BC—6	XE2BC—6	XE2BC—5

WB6NMT adjusts the XE2BC 1296 array. Louis must have done a good job because five 1296 multipliers appear in the 'BC log.

Top Ten

Single Operator

Call	*Score*
W9IP	90,797
N6NB/8	84,780
K1FO	69,216
WA2FGK/2	61,903
WA1UQC	46,822
K1FWF	46,576
WB1CJT	46,346
K3SXA	45,144
W3XO	42,000
K1EM	41,400

Multioperator

Call	*Score*
W1FC	315,582
W2SZ/1	310,611
W3CCX	240,380
K2XR	203,218
W2CNS/8	152,934
WA2SNA	149,322
K1TR	143,701
K9HMB	136,656
K3MTK	126,500
W1TKZ	114,450

Three of the 11 operators of K3HKK, the number two multiop score in Western Pennsylvania.

that we had a problem. Something ate the guy ropes on the 2-meter antenna. WB3LJK noticed the bushes moving and, upon investigating, found that something had eaten 90% of the way through the rope holding up the 2-meter tower. The critter also chewed on the rotor cable. Porcupine? Squirrel? Or BIG mouse? (N4CD). Greatest VHF Contest that I have ever seen. I'm sure there will be record-breaking scores from all over the U.S. and Canada (K2QIE). An improvement over the Sept. '80 contest, but still lousy conditions. No QSOs on Saturday. Most stations were only in for 20-30 seconds; yet we could tell that the Midwest had a QRM level like 20 meters. QSLs for XE2XW go to W5XW (XE2XW/W5XW). QSO points should be allowed for both voice and cw contacts on the same band to help pass the time when the band is closed and to encourage more cw (WØETT). Worst 6-meter conditions for the contest since 1973. Up until Sunday afternoon we had nothing but meteor bursts. When it did open up, the muf seldom went to channel 5 or 6 on the television (so no near misses for 2 meters). Two-meter tropo earlier in the week had been providing W4, W9 and WØ QSOs, but storm activity wiped that out (WA5IYX). Six meters was very exciting, providing us with 60 multipliers including Bermuda. Too bad it didn't open to W6 here in NNJ as it opened to all other parts of the west (K2XR). Loss of good participation, but very high winds throughout the West blew away the previous month's superb tropo, resulting in the poorest conditions on vhf in general, and 1296 in particular, that this op has seen in years! Yuk! Mountaintoppers were subjected to winds peaking near 100 knots and temps near (or below) freezing. In one case (WB6NMV/7 at Mt. Ashland in Oregon) snow fell for three days straight! (K6ZMW). Most significant for me was that with the way things had been going I decided to keep things simple — no amplifiers at all. Ten watts into the coax on all bands, 6 meters through 432. That comes out to four watts at the antenna on 220 and three watts to the antenna on 432. Still . . . I did very well. Certainly the best that I had ever done on 220 and nearly as well as I have ever done on 432 from up here on the mountaintop, running more power and bigger antennas. . . . A lot of new faces and more people showing up on the exotic bands like 1296 and 2304 (K1LPS). We did not go mountaintopping for the first time in 25 years because of heavy rains. It was impossible to gain access to our former good locations. Operated from the home location despite heavy power-line noise (VE7AFB). Told the inquisitive tourist that I was DFing a radio-tagged moose. Then his eyes nearly popped out when I told him that I lived at North Pole (Alaska, of course) (WB4WXE/KL7). Conditions for the first part of the contest (about 16 hours) very poor — sporadic and very short bursts (6 to 20 seconds). The 6-meter band opened up on the 14th about 1300Z and closed about seven hours later. Heard W6 stations and W7 (Oregon, Washington, Idaho and Arizona) types, but could not work them. In the September contest I'll be running 100 watts (C6ADV). We have worked for several years to set a Dakota Division record. It is very difficult this far west to run up our multiplier total. We spent a lot of time and effort to do EME on 2 meters and 432 under some very lousy EME conditions . . . WBØAUM made a special trip to Wyoming so we could get that multiplier on 2 meters (WØSD). Just three weeks before the contest, this area had (by insurance company records) the most expensive hail storm in history. It wiped out my 6, 2 and 432 beams. Just barely got replacements in time (WA5VJB). Does it snow in June? You bet! Our FB spot at 4500 feet got three inches of snow on Friday night, and we were forced to evacuate (KB7G). Activity was good considering tropo conditions were stinko. We consider outselves lucky here in northern Illinois as some Indiana and Ohio stations literally got blown away (winds and lightning). We desperately need more stations on 1296. On 1296 you need 30 to 50 watts out for a decent signal. With 40 watts out, a loop Yagi or two and a good MRF 901 or NEC 645, 300-mile contacts can be made under almost any conditions (WB9SNR). Very few crummy sounding signals on 6 meters this contest. Makes operating the contest a lot more enjoyable and worthwhile (WA2CWA). Everything went fine for the first hour and 20 minutes. Then several small tornadoes hit the area, wiping out our ac power, and a direct lightning hit on the 432 tower smoked several pieces of equipment. For eight hours we sat in the dark, muttering and drinking beer. When the lights came back on, we crudely repaired the rigs and limped through the rest of the contest (W8VP).

FEEDBACK

Kindly note the following corrections to the 1980 June VHF QSO Party. See pages 74-77 of September 1980 *QST*.

K2SHB should be included in the list of operators of WA2TIF, multioperator, Eastern New York.

W1QXX's logs were lost in transit, and finally arrived. John's linescore in the Eastern Massachusetts Section should read 20,349-283-63-ABCD. This would make John the number two single op in Eastern Massachusetts.

In the Northern Texas Section, we scored WA5VJB's entry incorrectly. WA5VJB's linescore should be 28,860-396-65-ABCD. This adjustment moves Kent into second place in Northern Texas, and moves WD5FZM into first place, single operator, in the Northern Texas Section and the West Gulf Division. QST

Scores

Scores are listed in order, single operator stations first within each section. From left to right: call, score, QSOs, multipliers, bands operated (A-50 MHz, B-144 MHz, C-220 MHz, D-432 MHz, E-1296 MHz, F-2.3 GHz, G-3.4 GHz, H-5.7 GHz, I-10 GHz, J-24 GHz).

U.S.A.

1

Connecticut

K1FO 69,216-549-103-ABCDE
WA1UQC 46,822-498- 82-ABCD
K1EM 41,400-519- 75-ABD
K1PXE 37,596-328- 78-ABCDE
K1ZZ 20,800-260- 64-ABCD
KA1BRD 18,328-302- 58-ABC
W1FV 13,207-281- 47-A
WA1MAO 10,362-471- 22-B
W1WHL 8904-212- 42-A
W9KDR 4477-116- 37-ABD
K1VMI 2703-159- 17-B
KA1BU 2592-144- 18-B
WA1GTP 2294- 73- 31-ABD
WA1LOU 1998-111- 18-B
WA1ZNT 1650- 66- 25-AB
K1MUJ (KB1H,opr)
1131- 87- 13-A
WB1CZX 400- 40- 10-B
W1GNC 10- 5- 2-B
WB1FVS (+KA1DZV,WA1HFE)
84,000-747-100-ABCD
W1QK (+KA1AWY,W1PV,WA1s KOX WXV,WB1s CVW EZL)
80,910-801- 90-ABCDE
WB1BXS (+K1GX)
5040-240- 21-B

Eastern Massachusetts

K1FWF 46,576-488- 82-ABCD
W1QXX 24,388-333- 67-ABCD
W1JR 20,860-189- 70-ABCDEFI
W1GXT 20,196-238- 68-ABCDE
WB1FUB 10,528-223- 47-ABD
WB1FKF 7614-128- 47-ABCDE
N1AIS 7511-238- 29-BD
K1GVM 6929-169- 41-ABD
WA1CRE 4323-124- 33-ABC
N1HR 4320-240- 18-B
WA1JOF 4200-210- 20-B
KA1CXC 4089-141- 29-AB
KA1DHO 2944- 92- 32-AB
WA1NQV 1200- 50- 24-A
K1CM 612- 34- 9-D
WB1FOD 490- 31- 14-ABD
K1SRZ 486- 27- 9-D
KA1R 356- 89- 4-B
W1JOT 341- 18- 11-BDE
W1FM 208- 52- 4-B
W1XM (K1MK,W1XG,WA4TTG, N6BYK,oprs)
68,432-579- 94-ABCDE

Maine

K1TOL 30,420-507- 60-A
KA1OJ 1125- 75- 15-B

New Hampshire

WB1CJT 45,346-480- 82-ABCD
W1EJ 33,374-390- 74-ABCDE
AC1J 2016- 79- 24-ABD
WA1GDR 702- 39- 18-AB
W1FC (+AB1A,AD8V,AF1T,AK1E, N1s AHC BC RC,N4BGF,K1s BTF GW KA KEC PEK PQO RX VR,K8UR,W1s DUW EHF FJH HIV KXL ZBT,W8PW, WA1s HON JHK NPN WJG WJQ YVL ZSF) 315,582-1804-149-ABCDEFGHI

Rhode Island

W1AJR 13,496-227- 56-ABD
K1DS (+K1PAM,W1XO)
22,630-332- 62-ABCD

Vermont

WB1GQR (WB2JSJ,opr)
22,568-334- 62-ABCD
K1LPS 16,962-202- 66-ABCD
W1AIM 12,726-175- 63-ABCD
WA1ABQ 225- 25- 9-B
W1TKZ (AF1M, K1s OGF,TK,UR, W1OOP,WA1s PQY YAU YOJ ZLQ, WB1BUM,N2AWG,oprs)
114,450-988-105-ABCDEFI
WA1MAG (+KA1CXD,WA1s JEX NBU TBV)
23,499-366- 63-ABD

Western Massachusetts

KA1APR 21,910-283- 70-ABD
K1SF 14,694-214- 62-ABCD
AC1T 12,896-239- 52-ABC
K1WGN 9750-171- 50-ABCDE
KA1RB 5590-197- 26-BD
K1RPB 5285-151- 35-AB
WB1ABF 5004-139- 36-AB
WA1VCU 1744-101- 16-BD
WA1VEI 923- 62- 13-BC
K1JG 16- 4- 4-B
W2SZ/1 (K1s DH IO ZM,WA1s LPJ RWU UGE UGF,WB1s CBH HIH AG2X,K2s MM TR UF WR,N2NT, WA2s AAU SPL,WB2s CFP JLR PKO QCJ,N8AFM,WA8USA,oprs)
310,611-1755-147-ABCDEFIJ
K1TR (+K1s BA EA,N1BEM,WA1s GXN ONB PBU QWF VFJ)
143,701-1172-107-ABCDEFGHI

2

Eastern New York

W2CRS 31,600-351- 80-ABCDE
WA2TEO 30,184-343- 77-ABCDEF
K2CBA (WB2DNE,opr)
27,222-288- 78-ABCD
N2CMS 3024-101- 28-ABCDEI
K2BGU 1311- 57- 23-A
W2KHQ 960- 64- 15-B
N2EK 928- 58- 16-B
W2IP 770- 55- 14-B
WB2FKJ (AB2I,AB2J,K2s DNR DPL OIX SHB,KB2TM,W2s AWX KBH, WA2TIF,WB2s DVV SUH UWU,oprs)
108,272-951-101-ABCDEI

New York City - Long Island

WA2YWP 31,536-383- 73-ABCD
N2BFJ 21,846-315- 66-ABC
WB2CMI 16,284-276- 59-AB
K2OVS 14,076-184- 68-ABD
K2RIW 6576-137- 24-D
N2BAR 4826-127- 38-AB
WA2PMW 1875-125- 15-B
KE2N 1462- 86- 17-B
WB2LZN 1428- 84- 17-B
WA2EUS 1360- 72- 16-BD
KB2WS (+KA2DTE)
11,951-323- 37-AB

Northern New Jersey

WA2FGK/2 (K2LNS,opr)
61,903-530-103-ABCDE
WB2WIH 27,370-319- 70-ABCD
KB2AH 25,632-328- 72-ABD
WA2CWA 25,278-383- 66-AB
WB2QOQ 24,056-338- 62-ABCD
WB2ONA 21,842-296- 67-ABCD
KA2BTD 15,680-308- 49-ABCD
N2CJP 13,100-244- 50-ABCD
WA2UDT 8325-185- 45-AB
KA8NC 7248-151- 48-AB
WB2CUT 5260-263- 20-B
WA2ALM 2108-124- 17-B
WB2TMD 2106- 81- 26-A
WB2IKC 1560-104- 15-B
WB2BJH 1500-100- 15-B
WA2EXX 684- 57- 12-B
WA2KKZ 408- 21- 17-BD
K2XR (K1XR,K2s JWE OWR,KC2X, WB2WIK,oprs)
203,218-1256-139-ABCDEI
WA2SNA (K2s BJG LPG,KA2s EPL GMH, N2s AAZ CIA,W2s IHM LVT RS TFM,WA2s DTJ EKM JSW SLH SLY TWD UPK,WB2s JCP QEA RFB, WD2s AAI ADH,oprs)
149,322-1214-123-ABCDE
N2BOW (+N2s BMP CEJ)
45,500-576- 70-ABCDI
N2BNL (+K2s PM TKN VHV,KA2s CHK DZX HOA HOL,W2FCW,WB2s ETW GWD LVC NQV VBN)
21,838-358- 61-ABCDE
WB2EWV (K2DLJ,KB2EF,N2GA, W2EKU,WA2s HMU MIS OCN ORN

RMZ TKU,WB3HHS,oprs)
7371-177- 39-ABC
WB2OHV (+KA2EIA)
2541-103- 21-BD

Southern New Jersey

W2EIF 28,718-260- 83-ABCDE
WA2KOK 17,875-243- 65-ABCD
W2HRW 14,616-252- 58-AB
WA2RYE 12,000-250- 48-A
W3CXU/2 11,395-130- 53-BCDE
N2ASU 1540- 70- 22-AB
W2CFY 224- 28- 8-B
K2BWR (+K2ZRJ)
33,670-296- 91-ABCDE
KC2J (+KA2BET,KA3s BDW KTR, WA2GTJ,WB2s ANJ DGJ WUE)
9675-190- 45-ABCD
AC2F (+W1JAG,WA1WZC,WA2s PYX LLN WSK,WB2STV,WD2AEN)
8284-218- 38-ABD

Western New York

WB2BGI 35,280-381- 84-ABCD
WA2AWX 15,252-231- 62-ABD
K2GK 6837-149- 43-ABE
K2MQY 5586-133- 42-AB
W2SEU 5160-120- 43-AB
W2DUC 4521-137- 33-AB
WA2GSX 1953- 93- 21-B
WA2ABN 1725-115- 15-B
W2WGL 1152- 64- 18-B
K2JLQ 990- 66- 15-B
K2PQI 975- 75- 13-B
KA2HJG 144- 12- 12-B
K2QR 1- 1- 1-B
K2QIE (+AK2F,KA2DDJ,K2ZY, N2HR,WA2s LOG PHA,WB2WSV)
70,191-663- 99-ABD
K2JFV (+WA2TMC)
25,275-309- 75-ABCDE
WA2ZJF (K2s IJ RW,WA2s MYU RQC,WB2s FBP MYZ NFB,KA2DON, oprs) 23,025-259- 75-ABCDE
N2FV (K2OEQ,KA2JVX,SM6CZZ, WA2YTM,WB2s DYJ IEY, KA9ADV, oprs) 13,908-203- 68-ABCD
WA2AAZ (+KA2HCX,WA2MCB,WB2s JSB LJN QXJ TGU)
6300-175- 36-AB

3

Delaware

K3SXA 45,144-423- 88-ABCD
K4CHE/3 25,014-358- 66-ABCD
K3CNH 1890- 70- 27-AB
K3HVG (+K3KDP,W3BNN)
6929-169- 41-AB
AC3T (+AE3J)
6798-186- 33-ABCD

Eastern Pennsylvania

AE3T 12,882-226- 57-AB
K3IWK 11,605-202- 55-ABD
W3ETB 6705-132- 45-ABCD
N3BHS 3589-221- 23-ABC
WA3CSP 3800-100- 38-A
N3BBI 2400- 48- 48-ABD
KA3B 2232-124- 8-B
KA3FQT 2032-127- 16-B
N3KZ (N3BMH,oprs)
1875-125- 15-AB
N3AYK 1242- 64- 18-ABC
WA3BRW 1232- 56- 23-A
N3AYJ 1102- 52- 19-ABC
W3KM 1005- 67- 15-B
AA3B 69- 23- 3-B
KA3AIS 36- 18- 2-B
W3CCX (WA1YHO,K2EVW,W2NM, WA2DPU, K3s IUV ZPN,KA3FOG, N3s AHI MW, W3HQT,WA3s AXV WAS JUF NUF YUE,WB3s IND JYQ, KD6KD,oprs)
240,380-1371-140-ABCDEFI
K3MTK (K3LZ,KA3HHG,WA3s KPP LBI PUL TUL ZFD,WB2YEH,oprs)
126,500-1150-110-ABCDE
WB3CZG (+N2CMI,K3MKZ,N3AVC, WB3s IWZ NVS,W4FHK)
83,634-699-106-ABCD
K3YTL (KA3EED,N3AAZ,W3DZH, WA3s JWP YON,WB3s BVF CAI DYE FAA FKQ,oprs)
80,560-777- 95-ABCD
W3EEK (+AJ3R,K3FMF,W3VA,WA3s VIL ZCJ,WB3GZV,YE3HO)
68,530-727- 89-ABCD
WA2OMY/3 (+AA2Z)
29,078-428- 62-ABCD
WB3LNZ (+KB3s IHE,N3ADC, WB3FXJ) 27,590-428- 62-ABC
W3HZU (K3s GDI SZY,N3AIA,W3s AXC SST,WB3s AWJ BWG,oprs
21,696-333- 64-ABD
W3LP (W3s GFT,JUZ,W3CJQ,oprs)
12,720-240- 53-AB
WB3JYY (+WB3s EFI JZE)
3658-118- 31-ABC
K3UK/3 (+K3BS)
800- 50- 16-B

Maryland - D.C.

W3XO (KA1GD,opr)
42,000-473- 84-ABCD
K3AKR 17,216-242- 64-ABCD
W3IP 8501-122- 47-ABCDE
N3API 3770-130- 29-AB
W3HQX 1170- 78- 15-B
N3ATY 1022- 73- 14-B
N3CDA 312- 26- 12-AB
W3MSN 252- 21- 12-AB
W3PGA (K3s PHH YJF,KB3L, N3BGC,W3s JDF VRD,WA3s HZJ LAW oprs) 5292-147- 36-AB
AC3P (+AC3F,WB3EBB)
1890- 63- 30-AB

Western Pennsylvania

K3MD 3024-108- 28-AB
LA4LN/W3 20- 4- 4-BD
W3GNR/3 (+KA3s AWL DEO DWR, WA3s BUX FFC JBV)
70,513-552-107-ABCDE
W3PIE (WA3DJO,WB3s CBB,JNP,oprs)
39,100-542- 68-ABD
K3HKK (K3BIE,KA3s DBO DBT DBZ DGT,LA4LN,N3BBH,WA3WNE, WB3CXR,WN3VAW,N4BIX,oprs)
15,540-226- 60-ABD
WA2CBU/3 (+AF2K,WA2CBT)
2640- 88- 30-AB

4

Alabama

KC4P 32,047-423- 73-ABD
K4ZGB 18,760-335- 56-AB
WA4CQG 5760-125- 40-ABCD
KC4KK 4655-133- 35-A
K4GUU 848- 49- 16-BD

Georgia

K4CKS 39,064-506- 76-ABC
N4QH 19,456-304- 64-AB
NA4I 3210-107- 30-AB
AK4T 1960- 70- 28-AB
WA4TNB 760- 40- 19-AB
WD4IIS (+AA4GA,WA4s IBI OYH, WB4NMA,WD4JQV)
79,540-775- 97-ABCD

Kentucky

KC4EG 21,120-296- 66-ABD
N4EQT 3465- 55- 55-ABD
KU4A 2418- 93- 26-AB
WB4NXY/4 1280- 61- 16-BCD
W4SMU 200- 24- 8-BD

North Carolina

K4GMP 14,558-251- 58-AB
WD4ODS 4320-108- 40-AB
K4CAW 3886-103- 29-BD
WA4AAV 2490- 83- 30-AB
K4ROM 1375- 55- 25-AB
W4ZZ 704- 44- 16-AB
WA4WZQ/4 (+K4YBC,WA4WZP, WD4GQU) 32,565-457- 65-ABCD
WA4MVI (+WB4s IXU LZC,WD4RGT)
7412-199- 34-ABD
W4ATC (KA4OXP,N4ELM,oprs)
1080- 66- 12-ABD

Northern Florida

W4ODW 23,943-313- 69-ABCD
W5HUQ 15,562-235- 62-ABD
WD4FAB 11,236-204- 53-ABD

South Carolina

WA4LDU 12,390-190- 59-ABD
N4DT 8466-155- 51-ABD
WD4CHS 558- 93- 6-B
N4TJ 486- 54- 9-B
NB4S 405- 45- 9-B
WD4PLF 240- 20- 12-AB
WB4NBK 192- 16- 12-A
AJ4N (+KA4EVT,KJ4X,WD4ADK)
9720-239- 40-ABC

Southern Florida

W4OO 10,965-255- 43-A
WD4MGB 7839-201- 39-A
WB4OSN 2139- 69- 31-AB
WB4YBG 2025- 45- 45-AB
WB2HAE 990- 31- 30-ABD
WB4KGY 40- 8- 5-B

Tennessee

WD4JHD 8400-142- 56-ABCD
WD4DGF 962- 74- 13-B

Virginia

WA4SBC 22,035-298- 65-ABCD
K4LHD 17,568-263- 61-ABCD
N4CNN 8736-152- 52-ABCD
W3IY/4 4872- 84- 29-CD
N4KV/4 4074- 97- 42-AB
N4MM 3700-100- 37-A
KL7GLL/4 2884-103- 28-A
LU1BAR/W4 2727-101- 27-AB
W4DO 2295- 85- 27-AB
N4RA 1984-124- 16-B
KA4KKF 720- 36- 20-AB
W4KMS 589- 31- 19-A
KX4V 416- 26- 16-AB
N4CWP 168- 42- 4-B
KA4SCA 156- 26- 6-A
AB4L (+KA4s NXN NZO OBW RSL SDF UDS,KB4s NT XK,KC4AO, WA4IVF,WB4s RAF WTC YJC, WD4s BWL DUT DUU LQT)
70,052-598- 83-ABCD
N4CD (+WA4s PGI ZRP,WB3LJK, WD4CXU) 62,016-545-102-ABCDEI
WD4AZG (+KB4OF)
2210- 85- 26-AB
W4UVA (AA4D,AD4J,KA4LXS, KB3KJ,WD4EIS,oprs)
1222- 94- 13-B

West Indies

WP4ACV 60- 10- 6-AB

5

Arkansas

N5DL (+K5FOY,WA5s JEV OOE, WD5s CAN CAP)
46,893-508- 87-ABCD
WB4LHD/5 (+N5AYD,WA5UMP, WB5BHS,WD4KWD,WD5FBX)
35,550-465- 75-ABD
WA5FDF (+K5ETU,WB5JAR)
20,054-254- 74-ABD

Louisiana

K5BMG 12,075-159- 69-ABCD
N5JM 3135- 95- 33-A
W5UKQ 621- 46- 35- 9-BDE
WA5YOU (+WB5NIF)
13,888-210- 62-ABCD

Mississippi

N4JS/5 27,676-394- 68-ABCD
W5UCY 5040-121- 40-ABD
AE5H 3627- 93- 39-A
W5RCI 954- 42- 18-BD
KK5K 612- 68- 9-B
WA5WUX (+WB5AMI)
4840-110- 44-AB

New Mexico

K5MAT 17,160-312- 52-ABC
W5OEK 3240-105- 30-ABC
WB5AOX 12- 6- 2-B
K5TA (+K5HUI,N5RR)
18,846-349- 54-AB
WD5GNW (+WØZYF)
4553-157- 29-AB
W5IXS/5 (+W5IXR,W7ZEA)
3406-128- 26-ABC

Northern Texas

WA5VJB 25,480-428- 52-ABCDEH
K5GMX 12,972-276- 47-ABD
WB9PVK/5 1775- 71- 25-AB
KC5IJ 1596- 65- 21-ABD
KF5N 115- 23- 5-AB
WD5FZM (+KA5DBG)
22,116-337- 57-ABCD
N5CMI (+WBØTTQ)
13,968-269- 48-ABCD
AD5I (+WB5KTC)
12,540-270- 44-ABD

Oklahoma

N5KW (+K5CM,N5CG)
74,562-831- 86-ABCD

Southern Texas

KC5GB 9798-210- 46-ABD
WA5IYX 1829- 59- 31-A
WA5RNL 474- 79- 6-B
W5BLB 112- 16- 7-A
W5UWB (+WA5TBE)
9702-188- 49-ABD
N5AF (+WB5LVL)
2340- 90- 26-AB

6

East Bay

N6EIO 3104- 97- 32-AB
WB6ZEP 1545- 83- 15-ABD
WA6LHD 750- 75- 10-B
N6AMG (+N6IQ,W1ARR,WB6s IXH WML) 32,160-465- 60-ABCDE

Los Angeles

KC6A 4975-120- 25-BCDE
WA6PZL 3066-146- 21-A
W6PFE 1960- 85- 20-ABCD
N6DBA 1060-212- 5-B
WA6ZGQ 945-189- 5-B
WB6OKJ 693- 40- 11-AC
WB6AAG (+WB6s JCD PZJ)
19,500-351- 52-ABD
W6GGV (+WB6PKA)
2848- 69- 32-ABCD
K6BPC (KD6BX,WA6FAT,WB6AXE, oprs) 2162- 88- 23-ABCD

Orange

WA6PMX 5700-178- 30-ABC
KB6XG 4598-156- 22-ABCD
WB6MFW 3410-110- 31-AB
K6PVS 2980-127- 20-BD
W6ABN 2592- 83- 27-AD
PAØZN/W6 2064- 96- 16-BC
N6DBF 1463-209- 7-B
K6IBY 320- 20- 8-C
W6XD 270- 27- 10-AB
K6HMS 168- 20- 8-BD

Sacramento Valley

W6DOR 893- 47- 19-A
WA6FWQ 756- 63- 12-B
W6SYY 175- 25- 7-B
K6AAW 154- 22- 7-B

San Diego

WA6OIL 2450- 83- 25-ABCD
K5GA 1118- 69- 13-BD
W6HPH/6 324- 27- 12-ABCD
W6XJ (+KD6R,WB6s IMV OKK)
17,088-327- 48-ABDE
W6TIK (+KA6FTP,WB6GHH,WD6FGN)
6107-191- 31-ABC

San Francisco

WB6WML 384- 24- 16-A
W9DHK (+W6LID,WB6JHU)
9994-223- 38-ABCD
WA6KLK (+KA6MQH,N6CQH,WA6s KFA WTT,WB6SRM,WD6FGX)
9718-216- 43-ABD

San Joaquin Valley

K6YK 7224-172- 42-AB
K6JKQ 2080- 47- 26-ABCDE
WB6LBR 1914- 66- 29-AB
K6LMN/6 1080- 84- 12-BC
W6YKM (+WA6s HCI KXN)
32,305-415- 65-ABCDE

Santa Barbara

WA6IJZ 3105-108- 27-ABD
WD5JMC 572- 44- 13-AB
N6AHI 351- 27- 13-AB
K6ZMW/6 408- 17- 8-E
WB6YQN (+W6s HXW OAL,WA6s EJO OYS,WB9MQL)
48,195-514- 81-ABCDEFGI
K6MEP (+N6AFI,WA6s DJS FPX, WB6EDA) 25,568-430- 47-ABCD

Santa Clara Valley

K1RZ 20,496-316- 61-ABCD
WA6GYD 10,363-202- 43-ABDE
K6KLV 7416-173- 36-ABCDE
K6MAX 2565- 95- 27-AB
W6GD (+W6s OJM YFK ZUB, WA6MQZ,WB6FFC)
15,930-239- 54-ABDE
W6PIY (KA6s CWE EOT HBC PKQ, WA6MZF,oprs)
10,222-245- 38-ABCD

7

Alaska

KL7WE 36- 18- 2-AB
WB4WXE/KL7 2- 2- 1-A

Arizona

WB7FDQ 10,038-239- 42-A
K1SC/7 7222-157- 46-AB
WA7EPU 6105-159- 37-ABD
K1VOW 243- 23- 9-BD
WA7JTM (+K7OO,WA7s LYI ZOW, WB7NWI) 49,120-594- 80-ABCD
W7LUX (+N7s ADH FU,W7YS,WA7NXL WA7NXL,WB7s CDO EVX)
10,384-227- 44-ABCDE

Idaho

W7WKR 19,024-326- 58-ABD
WAØDYU 2565- 95- 27-A
WA7FSI 1914- 87- 22-AB

Montana

K7OFT/7 14,706-258- 57-ABD
KB7Q 11,352-264- 43-AB
W7HAH 8925-175- 51-AB
W7KNT 6732-198- 34-AB
WA7PDC 2862-106- 27-AB

Nevada

K7ZOK 5687-115- 47-ABDE
W7ABX 2592- 96- 27-AB
WB7TXG 70- 10- 7-B
WA7JUO/7 (+KA7CVV,KB7BZ,N7s AKB AKU BPA,WB7SBL)
12,100-215- 50-ABDE

Oregon

KB7WW 26,649-413- 63-ABCD
WB7OOF 8484-175- 42-ABCD
K7HSJ 6012-143- 36-ABCDE
W7TYR 5145-115- 35-ABCDEFGH
W6LLP/7 85- 15- 5-BC
N6RY 32- 16- 2-B
N7DB/7 (+K7RWT,N7BLS,WA1GFM, WA7s BAC ECY,WB7PMP)
42,210-572- 70-ABCD
K7AUO (+K7UVK,W7s ADV BKN UDM,WA7HXA,WB7UNU,oprs)
38,556-506- 68-ABCDEFGHI
WB6NMV (+WA6ZJF,WB6NAC, WD6CHL) 11,205-240- 45-ABCD
W7JXU (+KA1BFK)
10,363-232- 43-ABCD

Utah

N7BHC 9108-203- 44-ABD
N6CA/7 105- 17- 5-BE
WN7SIU 105- 15- 7-A
WA7ADK (+WB7QVZ)
8536-192- 44-ABD

Washington

W7FI 10,400-200- 52-AB
WB7UUP 9139-223- 37-ABCD
KB7LQ 6372-216- 27-ABCD
K7VNU 3492- 97- 36-A
W7MCU 3026- 71- 34-ABCDI
W7IDZ 625- 25- 25-AB
W7NW (+K7s NDWTG,W7YOZ, WB7DTI,WA6BKQ)
36,260-474- 70-ABCDEI
KB7G (+KB7B)
10,019-227- 43-ABC
W7VRM (+WB7FHF)
1768- 75- 17-ABCDFGHI

Wyoming

W7XF 14,448-301- 48-A
WBØAUM/7 3751-121- 31-AB
W7LFL 1675- 67- 25-AB

8

Michigan

WA8SQL 18,850-268- 65-ABD
K8EFS 8932-136- 58-ABCD
WD8BRE 8526-203- 42-AB
WB8YFE 3154- 71- 38-ABD
W8KNH 2068-188- 11-B
K8MSW 2064- 86- 24-AB
WD8KLU 1564- 60- 23-ABD
K8BGZ 1498-107- 14-B
WB8AAX 1209- 93- 13-B
K8LJQ 910- 91- 10-B
KB8RK 800- 80- 10-B
KA8GOM 760- 95- 8-B
KA8DDQ 693- 63- 11-B
WB8CAB 64- 52- 7-B
WD8MJQ (+WD8DSV)
20,026-323- 62-AB
WB8KAY (+N8CKH,WA8HHH)
17,582-298- 59-AB
WB8PGK (+KA8CXS,WA8s MFL MGO QBG VXE,WB8WXS)
5889-149- 39-ABC

Ohio

WA3VJU/8 26,565-373- 69-ABD
WD8ISK 26,122-310- 74-ABCD
W7EKI 23,552-322- 64-ABCD
WA8TXT 17,955-199- 63-ABCDE
K8NXI 11,650-226- 50-ABD
N8AXA 8789-174- 47-ABCD
K8DW 2704- 79- 26-ABCD
KA8DVD 6840-171- 40-AB
WA8GMT 6235-145- 43-A
K8WW 4416- 94- 23-DE
KD8Z 4416-153- 24-BD
WA8RCN 1540- 70- 22-AB
W8SRW 1071- 63- 17-B
KA8HQU 980- 49- 20-AB
W8LCY 972- 81- 12-B
K8MR 315- 45- 7-B
W8VP (+K8AL,KA8s AMF DBZ DFX DUI LBD,N8BOZ,W5UA, W8PR,WA8FHF,WB8s ERB,TSI)
87,349-691-113-ABCD
WA8ONQ (WA3OJX,N4AMG,K8VVV, N8BPB,WA8OGS,WD8QME,oprs)
47,680-555- 80-ABCD
W8BI (KA8KEJ, N8s BLB ZM, W8UNV,WA8SVV,WB8s MRU OFR QXN,WD8NBK,oprs)
17,544-322- 51-ABCD
N8CSL (+WD8IVL)
1848-132- 14-B

West Virginia

N6NB/8 84,780-709-108-ABCDE
W8TN 3638-106- 34-ABD
KJ8J 1050- 75- 14-B
W8UT 980- 45- 14-BD
W2CNS/8 (+K2s LDU ES, WA2V,WA2s ZKD ZQN,WB2s AQQ DIN KAO, W3ZZ,N8II)
152,934-915-142-ABCDEFI
K3LNZ/8 (K3s DUA ICH,WA3s EOQ OYW NZL,W4s NVW PSJ,oprs)
70,824-604-104-ABCDE
K8CG/8 (+K8BS,KB8ZM)
1364- 57- 22-ABDI

9

Illinois

W9IP 90,797-763-109-ABCD
K9RO 39,468-481- 78-ABCDE
WB9WMM 8533-161- 53-AB
WB9SNR 8123-172- 51-ABCDE
WA9YLB 6726-125- 38-BCD
WD9COL 5880-147- 40-AB
WB9EDP 5617-122- 41-ABD
W9WI 3712-116- 32-AB
K9MBX 1148- 76- 14-BD
AF9R 392- 28- 7-D
K9DNW 31- 31- 1-B
K9HMB (+K9s GL RS PW,WA9CJO, WB9s CAS TIY,WD9DCL)
136,656-1201-104-ABCD
AA9D (+W9s AKW ZX,WB9VDV)
52,287-572- 87-ABCD
KB9II (+WA9ULU)
19,800-329- 60-ABC
KD9Z (+AK9F,WB8HAD)
5650-226- 25-AB
KA9CSJ (+KA9AQR)
2624- 82- 32-A

Indiana

WD9EME 12,862-200- 59-ABCD
WA9PKL 12,180-210- 58-AB
N9AJC 9945-195- 51-AB
KB9JD 8869-181- 49-AB
K9DZS 6118-133- 46-AB
K9DZE 4477-121- 37-AB
WB9FNR 3161- 98- 29-ABD
K9LQZ 1442-103- 14-B
WA9WNF 64- 8- 8-B
K9MRI (+KB9WZ,WB9CNS)
58,996-635- 86-ABCD
WB8HUC/9 (WB8s GEU GEW GEX GEY GFA,oprs)
34,293-477- 69-ABC
N9BWB (+N9BWA,WB9NTL)
33,460-450- 70-ABCD
N9NC (+K9LJF,N9AJS,WB9s BSV VP,WB9STD) 7880-179- 40-ABCD

Wisconsin

KB9NM 9850-194- 50-ABC
WA9LZM 5236-119- 44-AB
W9NAW 3367- 91- 37-A
WD9ACY 1606-146- 11-B
WB9ROE 779- 41- 19-AB
N9AV 646- 34- 19-A
W9NMP 8- 4- 2-B
K9GDF 2- 2- 1-B
K9IMM (+W9XM, WA9s ACI KGQ,WB9BPS)
29,564-372- 76-ABCD
N9CIQ (+WA9HCZ)
689- 50- 13-ABD

Colorado

WØETT 16,744-322- 52-A
WB5DSH/Ø 14,674-319- 46-A
W9MHL/Ø 12,116-233- 52-A
WDØBZA 966- 46- 21-A
KØADG 570- 30- 19-A
WB7VMQ 34- 17- 2-B
NØBO 26- 26- 1-B
NØBRI (+WØKEA)
33,930-521- 65-ABD
AAØL (+ADØO,KØUNS,KAØFOZ, KBØNY,WAØLSH,WBØMHP)
26,622-456- 58-ABDE
WDØDJU (+KBØCY)
2478-114- 21-ABC

Iowa

WBØZKG 20,090-284- 70-ABD
KAØY 16,244-233- 62-ABCD
WBØVYV 16,080-259- 60-ABD
WDØFOY 8352-142- 58-ABC
KØDAS 2737-104- 23-BCD
WBØSWD 2176-136- 16-B

Kansas

NØLL 22,572-342- 66-AB
WBØISW 4455-117- 33-ABCD
WØRT 3213-171- 17-BD
WBØQYA 2912-112- 26-A
WØQOA 708- 53- 12-BD
WAØCFQ 640- 40- 16-AB
WØSP 342- 38- 9-B
KØVUA 300- 50- 6-B
KØETD 100- 10- 10-B
WB7EPA/Ø (+KBØDW,WBØNRV)
15,435-235- 63-ABCD

Minnesota

WØXG 18,963-301- 63-AB
WØVB 10,032-153- 57-ABCD
WBØGGM 2079- 63- 33-AB
KCØP 1925- 77- 25-AB
WAØRLY 1682- 58- 29-AB
W5LSZ/Ø 570- 30- 19-A
W9UD/Ø (+W3EP,AE9M, K9s AKS CHZ,WB9QPI,WD9FSA,AKØP,
WØOHU) 87,360-773-105-ABCDE

Missouri

KØTLM 28,875-355- 77-ABCD
NØIS 16,250-309- 50-ABD
WØFY 12,354-199- 58-ABD
KØCB 6840-145- 45-ABCD
WØRWH 2624-164- 16-B
NØALV 2304- 48- 48-ABD
WØJRP 1914- 58- 33-AB
WØKC 105- 15- 7-A
WAØNOK (+WAØFD)
14,364-240- 57-ABC

Nebraska

NØAJU 15,624-248- 63-AB
KFØY 21- 7- 5-B
WØBJQ (KAØDWJ,WAØWRI, WBØDGF,oprs)
2106- 81- 26-AB
WDØBQM/Ø (+KAØs CRI IOJ, WØKAV,WDØBQD)
440- 40- 11-AB

North Dakota

WAØCSL 20,995-323- 65-AB
KCØW 4847-129- 37-ABC

South Dakota

KØUDZ 6252-168- 37-ABD
WBØULX 1334- 46- 29-AB
WØSD (+WA2VEV,AAØF,KØs OTZ WM ZZ,KAØGGS,NØAIT,WBØUF, WBØTEM) 89,782-816-106-ABCDE

VE

Maritimes - Newfoundland

VE1UT 1350- 70- 18-BD
VE1RC 1128- 42- 24-AD

Quebec

VE2DFO 37,410-368- 87-ABCD
VE2BBK 9240-139- 55-ABCDE
VE2BXF 660- 33- 20-AB

Ontario

VE3CRU 26,864-311- 73-ABCDE
VE3FGU 17,262-274- 63-AB
VE3FN 5304-133- 34-BD
VE3FDP 5220-136- 36-ABD
VE3EYR 3626- 96- 37-ABCD
VE3EVW 1200- 50- 24-A
VE3FGN 1001- 84- 11-BC
VE3LNX (+VE3s ADJ LIZ)
27,600-316- 75-ABCD
VE3UOT (VE1BCZ,VE3NAB,oprs)
1599-118- 13-ABD

Saskatchewan

VE5JQ 5889-149- 39-ABD

Alberta

VE6BCC 3100-100- 31-A
VE6SW 1755- 63- 27-ABD

British Columbia

VE7ASI 2400- 83- 25-ABCD
VE7ASM (VE7s AFB ER, oprs)
1638- 59- 26-ABD

DX

Bahamas

C6ADV 12,616-332- 38-A

Japan

JA1RJU 2- 2- 1-A

Montserrat

VP2MNQ (VP2MX,W9OEH,WA8s NJR ONQ,WB8IGY,oprs)
28,272-376- 62-ABCDEI
XE2XW (K5HVC,KA5DTN,W5XW, WA5NAD,oprs)
308- 22- 14-A

Cayman Islands

ZF2EW (K1FJM,opr)
1598- 94- 17-A

Check Logs

N2CG, W2AWF, WA6NHB, K7ICW