Results, 10th Annual ARRL 10-Meter Contest

By Bill Jennings,* K1WJ and Mark Wilson,** AA2Z

If you find your call listed herein, you were an important part of the largest and best of the 10 Annual ARRL 10-Meter Contests. Through these 10 years, we have run the gamut of propagation conditions from the "pits" of the early 1970s to a "hint of better things to come" in the mid-70s and the increasing activity of the present solar cycle to the "peak" of the present solar cycle in the late 1970s to the "middlin' " conditions of the past couple of years as the solar cycle winds down.

The best part of the 10-Meter Contest is that it isn't entirely dependent on good conditions to make for a good contest. This is a contest in which the operator can make of his/her operating time exactly what he/she puts into it. When there are no "monster" transcontinental openings, we can work locals on ground wave or take advantage of limited e/w E skip or a little N/S transequatorial propagation. We can also play the vhfer's game and work some scatter as time and band conditions permit. In other words, just explore the vagaries and variations of propagation possibilities that 10 meters has to offer.

In the 10-Meter Contest we can enjoy the best or worst of band conditions that would simulate a domestic contest like the November Sweepstakes, or permit us the thrill of a large-scale DX competition like the February/March ARRL DX Contest. And, of course, the operator can choose his/her favorite mode — cw or phone, or a combination of both — or the fun and camaraderie of joining some friends in a multioperator effort. The 10-Meter Contest is truly an operator's event.

It was the individual operators who made this the largest 10-Meter Contest ever — 1678 or so (give or take a few for multiop stations) of them. There were 944 logs received from W/VE stations, while 734 entries came into ARRL Hq. for the December 11-12, 1982 event from overseas.

If you've thought of searching the world for the ideal spot from which to operate and win the 10-Meter Contest, a glance at the top DX scores table will show that it's a mixed bag of continental operators who appear in each of the four categories.

You'd find pretty much the same thing in searching for the "best spot" in the U.S. or Canada from which to make the W/VE Top Ten table. It does not seem that there is one "sacred" geographical area that would ensure a determined operator a sure-fire position in the Top Ten listings. It appears that if you were on either coast, in the north or south or from somewhere in between, your chances for success were equal to those of all other participants. It just depends on how much effort you were willing to invest in building and operating your station and, of course, on your level of operating skill. And that's precisely how a contest should be decided.

*Communications Assistant, ARRL
**Assistant Communications Manager, ARRL

Twelve-year-old Stuart, KA4UDD, operated Mixed Mode from Virginia to the tune of 50,400 points.

EA2OB posted the number two phone entry from Spain.

N4RJ and crew took the number eight multiop spot for W/VE stations. Hugh also stood on his head to work multipliers, but we didn't have room for that photo.

But for the fact that the average Top Ten W/VE as well as the average Top DX Scores are down slightly from last year's levels, the 1982 10-Meter Contest was a mirror image of its predecessor in 1981. A lot of the '81 "Top Tenners" repeat in '82. WØYK is again at the top of the W/VE mixed-mode heap, K5RC repeats as the code champ, and VE1YX nudged out N7DD and KØRF to take the top W/VE phone honors for 1982. Good work there through some heavy competition.

As any 10-meter operator knows, when you deal with this band you do the best with what it gives you in the way of propagation conditions. But that is half the fun — doing the best with what you've got. Perhaps that's the lure of 10 meters and what makes the ARRL 10-Meter Contest so popular. We make no promises as to what to expect from the band for the 1983 contest, but we do promise that it will be held on the weekend of December 10-11. Drop on in and join the fun.

Top Ten — W/VE

Mixed Mode

Call	Score
WØYK	700,344
WB7FDQ	675,480
N8II	625,084
W5XZ	601,660
AD8I (KU8E)	492,048
N5DDO	484,080
KG1E	467,614
WB5VZL	441,496
WB4BVY	414,256
VE1BPY	405,976

Cw

Call	Score
K5RC	405,288
N4AR	332,232
K6LL/7	329,184
N6CW	320,144
K8NZ	306,614
K4VX	300,440
WØUA	293,160
N7CW	261,186
W5JW	252,420
K5NW	247,752

Phone

Call	Score
VE1YX	978,930
N7DD	830,850
KØRF	776,456
N5RZ	583,470
AI6V	573,644
K6HNZ	562,500
KØUK	525,572
K1NG (KI1G)	508,370
N6ND	493,680
WB1GQR	475,236

Multiop

Call	Score
N5AU	859,270
ABØI	770,336
W5RRR	763,968
N4WW	708,300
W5VX	655,158
KFØM	577,752
K2RF	544,000
N4RJ	514,744
KD5SP	497,658
K5LZO	496,250

Top Five — DX

Mixed Mode

Call	Score
VP2KBU (KCØFW)	574,250
I4VEQ	548,352
G5CMX	497,166
JI1QPU	334,412
UB5ILD	260,126

Cw

Call	Score
K9LA/V2A	340,684
YU1AWW (YU1RL)	262,386
DL1VJ	204,370
UB5ZAL	187,506
LZ1KAB	184,044

Phone

Call	Score
V2ARO	1,011,488
KB7IJ/KH2	583,440
L2M (LU1BR)	579,020
NP4CC	566,680
F6KBF (F6BKR)	471,724

Multiop

Call	Score
LU1E	713,880
YV3BRF	678,132
G4MBV	556,284
LU4DQ	509,520
XE1MDX	493,554

SOAPBOX

This is my 10th consecutive ARRL 10-Meter Contest; I have been in it since the beginning. I wonder how many other "veterans" have also been in all of

DX Continental Leaders

Continent	Mixed Mode	Cw	Phone	Multiop
Africa	CN8CO	CN8CY	EA8ZI	5Z4CL
Asia	JI1QPU	JI1ACI	JH7DNO	JA3YQP
Europe	I4VEQ	YU1AWW	F6KBF	G4MBV
North America	VP2KBU	K9LA/V2A	V2ARO	XE1MDX
Oceania	ZL2AH	VK4XA	KB7IJ/KH2	—
South America	YV2IF	LU1EWL	L2M	LU1E

Division Leaders

Division	Mixed Mode	Cw	Phone	Multiop
Atlantic	K3UA	N3BJ	K3GM	KJ2Q
Central	W9OP	N9HH	W9LT	WØAIH
Dakota	KNØV	WAØLKL	WBØMWJ	KØSR
Delta	W5XZ	K4OAQ	N5DSK	W5EA
Great Lakes	AD8I	N4AR	K8ZE	K8III
Hudson	K2EK	KR2Q	N2BJ	K2RF
Midwest	WAØQMU	K4VX	WØXK	ABØI
New England	KG1E	W1IHN	K1NG	WB1EYI
Northwestern	NL7P	KQ7I	AG7M	KT7G
Pacific	N6NF	N6CW	AI6V	WA7KNK
Roanoke	N8II	WB5TMS	WB4TLX	NA4L
Rocky Mountain	WØYK	WØUA	KØRF	W5GB
Southeastern	N4SA	K4BAI	KD4TT	N4WW
Southwestern	WB7FDQ	K6LL/7	N7DD	AB6R
West Gulf	N5DDO	K5RC	N5RZ	N5AU
Canadian	VE1BPY	VE3MRN	VE1YX	VE3CVX

them...(WB2AMU). Our QTH was in the eastern Atlantic, just having departed a port in southern Spain on our way back from a six-month Mediterranean cruise. Wish I could have been on longer, but had plenty of phonepatch and radiogram traffic for the states and had to leave after about six hours of "testing" (WB8RFB/MM1 — *USS Independence).* The contest was a family affair this year — the operators were Dad, Mom and three children! (KC7KI). I am a new amateur, and this was my first contest (SV1RP). I don't think those running 2 kW realize how poor their audio is on the band. Really creates a lot of splatter and distortion (KB1CV). I'm only running 60 W, but I've got a new antenna, so maybe better results next time (EA8ZI). Used a groundplane antenna, but my elevation of 2400 ft helped (HL9SM). If I had walls built around my shack, I could knock out the interference from ham friends who know I'm home and drop in because they see the beam turning, and from my son who wanted to show me that he finally figured out how to work a yo-yo (how can you turn away a four-year-old who is so proud of himself) (KC3BB). Found I could work the East Coast with the beam south, but could not hear them with the beam east (KA9JDW). Great openings to the West Coast and Europe. My ears are still ringing from those big Texas signals (WA3UNX). Best JA opening came at 0001Z Monday morning. If that doesn't tell you Murphy is looking over your shoulder, I don't know what does (KI1G). Working the 7th call area from California was the best thrill of all, but where was Idaho on cw? (KT6M). The bad thing is that I was competing against the two best ops in the world — WØCP, who won the ARRL DX cw contest as V3MS, and WØUA, who wins everything! (NØCGA). This was my first 10-Meter Contest, and I can only say, "No doubt about it, I've got to get a softer chair!"(KA2BIX). I was very impressed with the professionalism and courtesy displayed the whole weekend (N6GRM). Still can't understand why I would get a 59 signal report and have to repeat my call four or five times (VE6CCL). Picked up an amplifier halfway through the contest and started working my neighbors — my favorite contest (WB7CFL). The very best cooperation was always present during the contest. It was a pleasant experience to see the pileups let the QRP stations through when I asked for QRP only (HI8GB). Strong rf on 10 meters didn't open the neighbor's automatic garage door this time. What luck! (KA1YQ). I did 10% better than last year, even with my two-year-old boy on my lap (I hope he doesn't count as a second op!). Is there really such a thing as a VE8? (KA6BIM). My wife strongly recommends that the contest date be any other time but December (W9ODO). Imagine the thrill when my wife Donna's first QSO on cw with her new Technician call N6HTH was with K4KQ, who started me in ham radio almost 20 years ago to the day. Hmmmmm (N6HE). I played "search and pounce" in this one and went after the multipliers. Delaware eluded me until the last five minutes of the contest, at which point I had written it off as impossible. I was very pleased to work all 50 states in this one (K1LPS). Having two Yagis in different directions really helped (AF1T). I learned the true definition of two words: (1) ecstasy — when a snowstorm gives you the excuse to stay in all weekend; and (2) frustration — when the power goes off! (WB4PIQ). I would like to see more listening for weak signals, but then maybe it wouldn't be a contest (WB9KVI). [Hint: The good ops with the big scores *do* listen for weak signals — Ed.]. Less activity this year. Sunspot cycle to blame? (AA6EE). I've been trying to work JA on 15 all year, and during the contest I worked seven JA stations in one hour! (N5EZA).

FEEDBACK

Please refer to July 1982 *QST,* page 74, for the following corrections to the results of the 1981 ARRL 10-Meter Contest. In the New York-Long Island section, WB2AMU's multiplier count should read 89, not 81. In Illinois, the call sign of the fourth place Mixed Mode entrant should be KA9GFJ, not 'GJF. In Wisconsin, KE9A's entry was Mixed Mode, not Phone-Only as indicated. This makes him the top WI Mixed-Mode scorer. In Iowa, we left out K9AYK's score of 36,288-279-63-B. This makes him the number five Cw-Only entrant. In the Division Leader box, KM5R, not K5JA, should be shown as the West Gulf Division leader.

Scores

DX scores are listed by continent/country according to the ARRL DXCC list. U.S. and Canadian scores are listed by call area and ARRL section. Single-operator scores are listed first, followed by multioperator. Each line score lists call sign, score, QSOs, multipliers and entry class (A = Mixed Mode; B = Cw Only; C = Phone Only; D = Multioperator).

DX

AFRICA

CN8CO 238,754-1159-103- A
CN8CY 176,400- 978- 90- B
C53CL 60,188- 367- 82- C
EA8ZZ 23,600- 200- 59- A
EA8ZI 97,416- 492- 99- C
EA8ADY 36,680- 262- 70- C
EA8JE 4350- 75- 29- C
ZS6WB 68,848- 331-104- C
5Z4CL (K5s AVX, PAW, oprs) 118,180- 622- 95- D

ASIA

HL9SM (KA1BFK, opr.) 50,680- 362- 70- C
JI1QPU 334,412-1413-118- A
JH1RNZ 229,086- 979-117- A
JH1AGU 198,880- 880-113- A
JK1HAM 96,960- 497- 96- A
JA6GGD 95,200- 595- 80- A
JA9JFO 80,410- 473- 85- A
JA0DMV 43,950- 293- 75- A
JA4JNR 38,304- 252- 76- A
JR3BOT 15,390- 169- 45- A
JH1MTR 14,798- 148- 49- A
JA6LDD 12,516- 149- 42- A
JA1OHP 12,096- 142- 42- A
JJ1SOE 8664- 114- 38- A
JA7ARW/1 3936- 81- 24- A
JA1AAT 1160- 29- 20- A
JH3CON 540- 18- 15- A
JA1AAV 240- 15- 8- A
JH7UJU/2 200- 20- 5- A
JI1ACI 180,180- 910- 99- B
JH7UJN 50,920- 380- 67- B
JA7JWF 50,808- 348- 73- B
JA0CGJ 45,724- 318- 71- B
JA1NTK 43,680- 308- 70- B
JR3XEX 40,664- 298- 68- B
JA2FXV 38,940- 295- 66- B
JA7HMZ 38,870- 299- 65- B
JA9RYL 37,820- 305- 62- B
JE1SPY 35,380- 305- 59- B
JA1OP 32,332- 274- 59- B
JA1DFQ 30,744- 244- 63- B
JR2NTC 27,690- 211- 65- B
JA8AQ 18,792- 174- 54- B
JA8CAQ 18,000- 148- 60- B
JG1WRN 13,248- 133- 48- B
JA1BSU 12,508- 117- 53- B
JA5JGV 12,502- 134- 47- B
JA6JNG 12,432- 147- 42- B
JR4ISK 11,954- 139- 43- B
JH7RZW 6072- 92- 33- B
JR4IQI 2340- 45- 26- B
JR1FVW 2160- 54- 20- B
JH7RKT 2052- 53- 19- B
JR2AQP 1764- 42- 21- B
JA1OYB 1536- 49- 16- B
JH2XTV 1160- 29- 20- B
JR1AHH 256- 16- 8- B
JE7BNZ/2 28- 7- 2- B
JH7DNO 376,380-1530-123- C
JF1EEK 63,342- 391- 81- C
JF3KNQ 43,608- 316- 69- C
JA2BNN 41,730- 321- 65- C
JA1FKY 39,192- 276- 71- C
JA6EOR 35,028- 278- 63- C
JA6EFT 28,700- 205- 70- C
JA1CQT 26,800- 200- 67- C
JI3BFG 25,440- 240- 53- C
JA7VSO 24,054- 211- 57- C
JR2CFD 22,788- 211- 54- C
JA0TPE 22,260- 210- 53- C
JA1ALX 21,114- 153- 69- C
JH1UUT 18,400- 184- 50- C
JG1ZPJ 13,104- 168- 39- C
JA1JGP 11,610- 129- 45- C
JA1FO 9900- 99- 50- C
KA2JP 9800- 100- 49- C
JA7WFA 9120- 95- 48- C
JA6QDU 8968- 118- 38- C
JH7XGN 8282- 101- 41- C
JJ3UAK 7840- 112- 35- C
JE1PJR 6868- 101- 34- C
JH4QJT 6650- 95- 35- C
JA1LOM 4810- 65- 37- C
JA3BBG 4466- 77- 29- C
JL1HZR 4104- 76- 27- C
JA6ABG 4080- 85- 24- C
JH8RGO 4060- 70- 29- C
JA1YCL 3082- 67- 23- C
JA7GYR 2800- 56- 25- C
JJ3BZS 2684- 61- 22- C
JA1BUI 2208- 69- 16- C
JH0WGN 2160- 54- 20- C
JA4JSL 2000- 50- 20- C
JL1EJO 1722- 41- 21- C
JA1BGW 1600- 50- 16- C
JH1FJK 936- 26- 18- C
JH9JJD 936- 26- 18- C
JO1GEW 840- 35- 12- C
JN1DXI 340- 17- 10- C
JE4ICX 72- 9- 4- C
JH1CNN 8- 2- 2- C
JA3YQP (JE3s CYV,EPK, JF3PLF, JG3VKW, JH3DPB, oprs.) 472,512-1712-138- D
JA2YKA (JA4UDP, JA9s NFO, SSY, XXS, JE2s JCV, RQT, VYM, JF2DQJ, JH2QXG, JH4VBQ, JJ1BTC, JR2GMC, oprs.) 459,352-1714-134- D
JA9YBA (JA9s LJI, LNJ, OTX, QCE, VBW, JH0CAZ oprs.) 448,800-1700-132- D
JA7YAA (JH7s CUO, GFO, HWR, WTC, JH8BME, JJ1MVV, JR7SEI, oprs.) 402,380-1705-118- D
JA1ZLO (JA7RHJ, JA6-9330 oprs.) 402,192-1512-133- D
JA1YXP (JE1NJR, JF6IGU, JH0NPR, JJ1OHJ, JL1ROT oprs) 194,112-1011- 96- D
JA6YAI (JE6s MQW, UWI, JR6EZE, oprs.) 184,044- 927- 98- D
JA7YAB (JH7s AJY, CUU, IHR, MAJ, SSJ, JR7CDI, oprs.) 166,894- 917- 91- D
JH7YFR (JA7CXV, JR7s BPM, LVA oprs.) 81,928- 532- 77- D
JA6YDH (JE6s PSL, VFJ, JG1TAW, JR6s GHN, KYA, PKJ, QHK, oprs.) 62,900- 365- 85- D
JA7YFH (JH7SFR, JR7s ECK, EUV, UOL, VQY, oprs.) 61,722- 381- 81- D
JA7YWD (JE7s FPT, LMP, TFG, TMO, JH7ORX, JR8NQE, oprs) 6996- 106- 33- D
JA7YDX (JE7s FOP, NLA, SEP, JR7s GDU, RPD, RZM, UHG, oprs.) 1584- 44- 18- D
JT1BG 3360- 60- 28- C
RA9AKM 62,352- 433- 72- A
UA0QCA 19,140- 290- 33- A
UA9YHD 13,332- 202- 33- A
UA0SAU 78,812- 646- 61- B
UA9QBT 64,904- 532- 61- B
UA9CBR 26,320- 280- 47- B
UA9CHQ 6840- 114- 30- B
UA9OBS 5888- 128- 23- B
RA9UAD 93,148- 803- 58- C
UA0QEP 28,946- 353- 41- C
UA9ANC 19,926- 243- 41- C
UK0AMM (UA9LAS, UA0AMA, oprs.) 241,542-1491- 81- D
UK9HTT (4oprs.) 42,944- 488- 44- D
UK9UAC (UA9UUN + 1 opr.) 34,632- 481- 36- D
UK9FGV (multiop) 1554- 37- 21- D
UK0FAD (UA0s FAY, FER, FEV, FEX, oprs.) 8928- 186- 24- D
UD6DJH 60,600- 404- 75- A
UD6DKW 39,260- 302- 65- B
UD6DLL 2760- 60- 23- C
UF6FER 34,720- 280- 62- C
RF6QAH 10,872- 151- 36- C
UK6FGD (UF6s AW, FBX, FFH, oprs.) 15,080- 145- 52- D
UL7OAA 15,030- 167- 45- C
UK7PAL (UL7s PAE, PBY, PCZ oprs.) 208,342-1427- 73- D
UM8MDX 48,672- 432- 48- A
YK1AO 18,124- 197- 46- C
4Z4TR 14,400- 144- 50- C
9K2BE (G4HZP, G6BQU, oprs.) 7904- 76- 52- D

EUROPE

CT4GO 188,870- 935-101- C
CU0UA 104,310- 549- 95- C
CT1AV 89,956- 523- 86- C
CT1AHU 40,004- 274- 73- C
DL7MAE 212,986- 977-109- A
DF4ZL 88,004- 490- 98- A
DL8MBS 78,936- 429- 92- A
DF1LX 54,386- 383- 71- A
DF2RG 44,398- 281- 79- A
DK5OS 1650- 33- 25- A
DL1VJ 204,370- 955-107- B
DF3LZ 88,332- 433-102- B
DL6RAI 71,552- 411- 86- B
DL1RB 52,788- 318- 83- B
DL1TH 44,660- 287- 77- B
DL6HAU 18,688- 146- 64- B
DL1AM 13,248- 90- 72- B
DL9CE 13,200- 129- 50- B
DL3ME 11,136- 96- 58- B
DK7QB 8484- 101- 42- B
DK7HA 5320- 70- 38- B
DL0TS 768- 24- 16- B
DL8PC 363,888-1368-133- C
DL0BSA (DK2MN) 216,474- 993-109- C
DA2ER 216,354-1011-107- C
DL0NT (DH2SAI, DJ4AK, DL8SAB, oprs.) 49,968- 344- 72- D

EA2CR 16,680- 139- 60- A
EA3BOW 4964- 73- 34- A
EA5TX 79,296- 472- 84- B
EA3CRX 69,119- 458- 74- B
EA5EV 17,024- 152- 56- B
EA3BHA 11,868- 138- 43- B
EA3GF 4756- 58- 41- B
EA4BV 260- 13- 10- B
EA3CUQ 279,220-1214-115- C
EA3OB 150,000- 625-120- C
EA3CCN 133,272- 617-108- C
EA5CXS 115,920- 504-115- C
EA2QU 77,228- 449- 86- C
EA5CHT 45,560- 268- 85- C
EA1CDF 26,600- 175- 76- C
EA2OJ 22,496- 148- 76- C
EA4BPJ 21,452- 173- 62- C
EA3BOX 9804- 86- 57- C
EA7BYM 8640- 80- 54- C
EA7ARK 8268- 78- 53- C
EA3ARX 6760- 65- 52- C
EA1BWD 4320- 80- 27- C
EA7CEP 3996- 54- 37- C
EA3DNC 2072- 37- 28- C
EA4CAI 1600- 32- 25- C
EA3AUV (+EA3AIR) 306,528-1235-124- D
EA3MM (EA3s AEF, AYK, BBA, BEN, CBH, CCK, oprs.) 114,816- 617- 92- D

EA6LA 23,628- 179- 66- A
EA6CL 29,240- 214- 68- B
EA6GP 66,096- 408- 81- C
EA6BZ 5940- 66- 45- C
EA6NP (+EA6ID, EC6IP)
49,760- 311- 80- D
EI4DW 56,604- 318- 89- C

F9KP 108,224- 608- 89- B
F6DKV 71,400- 425- 84- B
F6EWB 42,924- 292- 73- B
F3BC 37,654- 281- 67- B
F9BB 23,528- 170- 68- B
F6GVT 21,824- 175- 62- B
F6EQV 14,720- 160- 46- B
F6CXJ 10,464- 107- 48- B
F6CCI 6290- 85- 37- B
F3AT 5644- 83- 34- B
F3DA 4524- 78- 29- B
F6EPO/M 3300- 66- 25- B
F6KBF (F6BKR,opr.)
471,724-1661-142- C
F6HOY 63,888- 363- 88- C
F8WE 62,192- 338- 92- C
F6HRI 41,120- 257- 80- C
F6EXQ 27,880- 205- 68- C
F6BTS/M 14,560- 130- 56- C
F6HQK 9676- 118- 41- C
F5HZ 7632- 72- 53- C
F6EVI 2548- 49- 26- C
F6FJE (+F6ECI)
384,210-1423-135- D
F6KFH (F6s CDP, EBA, ESO, GDQ, HOK, HVL, oprs.)
93,912- 541- 86- [illegible]
G5CMX 497,166-1761-141- A
G4OKN 21,240- 177- 60- A
G3SXW 59,684- 344- 86- B
G3HRY 42,194- 289- 73- B
G2AJB 10,320- 120- 43- B
G4MBV (G4s BWP, DRS, GIR, JQL, oprs.)
556,284-1841-151- D
GM3RAO 137,496- 674-102- A
GM4ELV 17,880- 149- 60- C
GW4BKG 251,564-1031-122- C
HG7UG 155,456- 694-112- A
HA6NF/P 85,332- 547- 78- A
HA3NU 47,716- 300- 79- A
HA5LZ 65,766- 335- 97- B
HA3HZ 65,736- 390- 83- B
HA3NX 34,452- 261- 66- B
HA3IU 28,336- 253- 56- B
HA5KKC (HA5s KP, LV, MA, MD, MO, VM, oprs.)
251,940-1105-114- D
HA3KNA (3oprs.)
82,450- 485- 85- D
HA5KFZ (3oprs.)
41,588- 281- 74- D

HB9BOW 7200- 100- 36- B
HB9ASJ 4002- 63- 29- B
HB9DX 3840- 60- 32- B
HB9BPP 3268- 43- 38- B
HB9KC 1886- 41- 23- B
HB9QA 12- 3- 2- B
HB9AUS 33,930- 261- 65- C

I4VEQ 548,352-1904-144- A
I2VXJ 145,344- 752- 96- B
I5MXX 365,400-1575-116- C
I1POR 362,052-1602-113- C
I2JSB 176,748- 858-103- C
I1HAG 144,480- 645-112- C
IK4BHO 127,116- 642- 99- C

LA9FY 3864- 78- 23- A
LA1VL 12,576- 131- 48- B
LA7SI 9400- 100- 47- B
LA5DW/P 6030- 67- 45- B
LA1S (LA5DW, opr.)
5832- 81- 36- B
LA5DW 1944- 36- 27- B
LA7YW 260- 13- 10- [illegible]
LA2TO 52,836- 357- 74- C
LA2TY 29,232- 232- 63- C
LA1VCA 25,376- 208- 61- C
LA6HH 23,100- 150- 77- C
LA9DI 21,646- 137- 79- C
LA5JX 8910- 99- 45- C
LA1KQ 6600- 75- 44- C
LA3JT 3500- 50- 35- C
LA2AD 696- 29- 12- C
LA4O (LA4DCA, LA9HW, oprs.)
143,754- 728- 97- D

LX1YZ 9800- 100- 49- B
LX1WW 59,796- 302- 99- C

LZ2BE 13,750- 125- 55- A
LZ1KAB 184,044- 939- 98- B
LZ1DQ 57,600- 400- 72- B
LZ2KK 170,100- 810-105- C
LZ1CW 65,016- 378- 86- C
LZ1KDP (LZ1 JY, MS, ZF, LZ2s IF, UU, oprs.)
370,504-1593-116- D
LZ2KAD (LZ2RS + 2 oprs.)
78,186- 471- 83- D

4U1VIC (W1HUE, opr.)
760- 20- 19- A
OE5JDL 7396- 86- 43- B

OH5TS 254,380-1106-115- A
OH5MQ 8592- 179- 24- A
OH2BJG 1456- 56- 13- A
OH7NW 528- 22- 12- A
OH3FM 46,560- 485- 48- B
OH5UO 39,888- 277- 72- B
OH1EB 29,346- 219- 67- B
OH6AM 12,852- 189- 34- B
OH6RC 9984- 192- 26- B
OH9TD 4176- 87- 24- B
OH2DN 660- 22- 15- B
OH7EU 10,100- 101- 50- C
OH6AC (OH6s CS, WZ, oprs.)
65,184- 776- 42- D
OH6QU (+OH6DO)
26,352- 551- 24- D

OK1ARI 205,212-1047- 98- A
OK1KZ 34,526- 283- 61- A
OK1PN 26,800- 200- 67- A
OK1AVD 158,496- 762-104- B
OK2BHV 156,420- 711-110- B
OK2BWH 65,886- 417- 79- B
OK3IF 31,390- 215- 73- B

OK3BA 16,280- 148- 55- B
OK1AWC 9576- 126- 38- B
OK1EV 6552- 117- 28- B
OK1DVK 4554- 69- 33- B
OK1DLF 4224- 64- 33- B
OK2SBJ 1596- 38- 21- B
OK3CFA 260,134-1093-119- C
OK1TN 202,860- 805-126- C
OK2BQZ 8000- 100- 40- C
OK1DKS 6400- 80- 40- C
OK2BHQ 5688- 79- 36- C
OK1DMA 336- 14- 12- C
OK2KJU (Multiop)
76,074- 409- 93- D
OK1KZD (Multiop)
13,112- 149- 44- D
OK1KRQ (2oprs.)
4736- 64- 37- D

ON4XG 93,984- 528- 89- A
ON4ABW 157,320- 828- 95- B
ON7EX 22,072- 178- 62- B
ON4JJ 11,500- 115- 50- C

OZ7JZ 22,800- 200- 57- A
OZ1BUR 14,208- 111- 64- A
OZ1AUX 83,936- 446- 86- B
OZ5KU 40,650- 271- 75- B
OZ1DKG 39,040- 317- 61- B
OZ6KS 10,388- 96- 53- B
OZ8E 4756- 82- 29- B
OZ5EV 122,850- 525-117- C
OZ8ME 26,624- 208- 64- C
OZ1CLG 22,082- 181- 61- C
OZ6XR 20,748- 182- 57- C
OZ3FC 18,176- 142- 64- C
OZ1DAF 6080- 95- 32- C
OZ1APA 5452- 58- 47- C
OZ1DYC 1040- 26- 20- C
OZ1GRS (+OZ1BWF)
7790- 95- 41- D

PA0XPQ 194,040- 924-105- A
PA0VDV 176,832- 913- 96- B
PA0VLA 17,446- 142- 61- B
PA3ABA 15,776- 136- 58- B
PA3BWQ 14,520- 119- 60- B
PA3AMA 7752- 101- 38- B
PA3BLU 5694- 73- 39- B
PA0DIN 672- 21- 16- B
PA2TMS 450,616-1426-158- C
PA3AIR 202,230- 945-107- C
PA0GAM 74,036- 446- 83- C
PI1GOE 45,000- 250- 90- C
PA0DUO 32,800- 205- 80- C
PA0LIE 21,216- 156- 68- C
PB0AAL 8000- 100- 40- C
PA0KDM 6636- 79- 42- C
PA0YN 2160- 40- 27- C
PA3BVT 1248- 39- 16- C
PA0TUK/P (PA2PAS, PA3s ATA, AWW, BZY, PA0s AAS, ABE, BUE, LEG, TUK, oprs.)
254,018-1187-107- D

SM0TW 53,404- 330- 79- A
SM0BDS 27,048- 192- 69- A
SM5BDV 18,000- 125- 72- A
SM4CMG 3068- 59- 26- A
SM6INC 102,780- 562- 90- B
SL0AS 82,270- 421- 95- B
SM5CAK 76,558- 379-101- B
SM5DAC 42,432- 272- 78- B
SM6BZE 31,552- 225- 68- B
SM0EEJ 30,820- 230- 67- B
SM6LWH 24,966- 219- 57- B
SM7CNA 18,460- 142- 65- B
SM7LAZ 15,300- 170- 45- B
SM5FAV 5382- 65- 39- B
SM0MML 4154- 67- 31- B
SM5XX 2000- 50- 20- B
SM7CZC 288- 18- 8- B
SM4KL 242- 11- 11- B
SM5GNU 371,028-1262-147- C
SM2KWQ 87,680- 548- 80- C
SM2NTU 23,744- 224- 53- C
SM6MYF 15,184- 146- 52- C
SM6LIF 13,312- 104- 64- C
SM0KNV 9588- 94- 51- C
SM5CZD 8004- 87- 46- C
SM7AIO 8000- 100- 40- C
SM4BTF 7776- 81- 48- C
SM0CHA 3476- 79- 22- C
SM0FM 1102- 29- 20- C
SK2OG (SM2s IIR, NNX, oprs.)
31,284- 237- 66- D
SL7AZ (SM6JWR, SM0LHU oprs.)
24,790- 185- 67- D

SV1JG 47,212- 407- 58- A
SV1RP 11,780- 190- 31- B

UA3TDX 203,086- 949-107- A
UA4CH 40,484- 349- 58- A
UA3AGW 37,872- 263- 72- A
UA3TAM 11,680- 146- 40- A
UA3TES 10,812- 159- 34- A
UA4ACP 9310- 133- 35- A
UA3TAG 7130- 115- 31- A
UA4PCI 6448- 104- 31- A
UA4AHT 33,072- 312- 53- B
UA4WWA 101,436- 642- 79- C
RA3AGN 54,492- 478- 57- C
UA3TEP 54,362- 353- 77- C
UA3TN 41,470- 319- 65- C
UA6ABM 36,064- 322- 56- C
UA6LHC 25,800- 215- 60- C
UA3AGG 24,910- 265- 47- C
UA6AJF 13,950- 155- 45- C
RA3TET 13,520- 169- 40- C
UA3DRB 10,440- 87- 60- C
RA3DKE 9430- 115- 41- C
UA6AZW 8784- 122- 36- C
UK3ABO (UA3APF + 2 oprs.)
212,976-1044-102- D
UK4WAB (3 oprs.)
87,616- 592- 74- D
UK6LDN (UA6LTA, UW6OE, oprs)
63,616- 448- 71- D
UK4NAA (UA4s NBA, NCI, NEN, oprs.)
14,288- 188- 38- D

UA2EC 37,350- 225- 83- A
UA2FFC 11,468- 122- 47- C
UA2FDX 6666- 101- 33- C
UK2FAA (RA2FDE,UA2s FCZ, FDE,FEW, FFD, oprs.)
270,280-1165-116- D
UB5ILD 260,126-1151-113- A

UB5ICS 76,912- 437- 88- A
UY5TE 43,310- 355- 61- A
UB5HEJ 18,656- 212- 44- A
UB5PBA 810- 27- 15- A
UB5ZAL 187,506- 947- 99- B
UB5QDU 39,884- 338- 59- B
UB5UBI 15,900- 150- 53- B
UB5WAR 11,328- 118- 48- B
UB5UKJ 9944- 113- 44- B
UB5DW 5976- 83- 36- B
UB5ITW 51,188- 382- 67- C
RB5FCY 39,902- 281- 71- C
UK5UDX (UB5XCM +1 opr.)
412,320-1718-120- D
UK5WBG 261,612-1014-129- D
UK5QBE (3oprs.)
180,726- 993- 91- D

UC2AFF 17,568- 144- 61- C
UK2AAW (UC2s ACF, ACU, CFG, oprs.)
134,600- 673-100- D

UO5OEK 80,388- 519- 77- A
UO5OWC 55,296- 432- 64- B

UP2BAO 174,720- 832-105- A
UP2BAS 41,814- 303- 69- A
UP2BBF 6640- 83- 40- A
UP2PBZ 22,100- 169- 65- B
UP2BLF 16,218- 159- 51- B
UP2DM 81,770- 481- 85- C
UP2PBW 8400- 100- 42- C
RP2BFC 8280- 115- 36- C
UK2BCR (Multiop)
114,072- 582- 98- D

UQ2GFN 156,416- 752-104- A
UQ2GLW 32,856- 222- 74- A
UQ2GKM 15,390- 135- 57- A
UQ2PQ 57,800- 340- 85- B
UQ2GIZ 24,522- 200- 61- B
UQ2GBJ 12,126- 141- 43- B
UQ2GCP 4136- 53- 39- C
UK2GAB (3oprs.)
183,080- 796-115- D
UK2GJL (UQ2GEJ+ 1 opr.)
62,118- 357- 87- D

UR2RNJ 49,392- 252- 98- A
UR2OI 41,706- 330- 63- A
UR2RKS 100,810- 590- 85- B
UR2ROA 28,372- 173- 82- C
UR2RMZ 8624- 98- 44- C
UR2RHK 50- 5- 5- C
UK2RBT (UR2s ER, DU, JL, oprs.)
36,984- 268- 69- D
UK2RAB (UR2s RFS, RHK, RKV oprs.)
2784- 48- 29- D

Y26DL 207,920- 920-113- A
Y23VB 59,680- 373- 80- A
Y42YG 42,588- 273- 78- A
Y26DO 32,536- 196- 83- A
Y51YJ 26,412- 213- 62- A
Y51VE 24,056- 194- 62- A
Y36XC 22,800- 200- 57- A
Y57ZL 22,570- 185- 61- A
Y38YE 16,768- 131- 64- A
Y31SM 16,560- 138- 60- A
Y34SE 16,330- 115- 71- A
Y23IL 15,930- 135- 59- A
Y22EK/P 15,390- 134- 57- A
Y71ZL 8730- 93- 45- A
Y32ZB 7344- 102- 36- A
Y22HF 6624- 72- 46- A
Y58ZA 4988- 86- 29- A
Y21JH 4752- 66- 36- A
Y23YE 4056- 52- 39- A
Y62XG 1920- 40- 24- A
Y68ZG 1334- 29- 23- A
Y32ZI (Y34NI)
500- 25- 10- A
Y23WM 12,656- 111- 56- B
Y24TF/P 9310- 93- 49- B
Y87VL 7728- 82- 46- B
Y47ZL 6586- 89- 37- B
Y53RA 4896- 68- 36- B
Y21GH 3600- 59- 30- B
Y22YJ 2760- 60- 23- B
Y23HN 2550- 51- 25- B
Y24EA 1836- 34- 27- B
Y54YD 520- 20- 13- B
Y62WG 520- 20- 13- B
Y23LM 336- 14- 12- B
Y42ZB 252- 14- 11- B
Y21TL 20- 5- 2- B
Y21DK/A 218,610-1041-105- C
Y22TO 132,664- 644-103- C
Y27FN 123,600- 618-100- C
Y78XL 104,208- 501-104- C
Y49RO 42,456- 244- 87- C
Y76WN 24,852- 218- 57- C
Y54VA 24,696- 196- 63- C
Y23ZE/A 23,616- 164- 72- C
Y26HO/P 20,770- 155- 67- C
Y67WG 14,522- 137- 53- C
Y53WL 12,348- 126- 49- C
Y49LO 9828- 91- 54- C
Y24NN/A 8084- 86- 47- C
Y23SF/A 8004- 87- 46- C
Y23XG/Y43TG 6992- 92- 38- C
Y85XL 4352- 64- 34- C
Y24NG 3968- 64- 31- C
Y34XF 3328- 52- 32- C
Y37QJ 1584- 33- 24- C
Y21IC 1188- 33- 18- C
Y44WA 910- 35- 13- C
Y31YF 160- 10- 8- C
Y22VI 126- 9- 7- C

Y06VZ 158,598- 801- 99- A
YO5ALI 63,900- 355- 90- A
YO2BCT 8148- 97- 42- A
YO6EX 5394- 93- 29- A
YO4BXX 2832- 59- 24- A
YO8BSE 1840- 40- 23- A
YO9HP 5016- 115- 22- B
YO9HT 20,424- 138- 74- C
YO2BEH 4272- 89- 24- C
YO2BV 2950- 59- 25- C
YO7CGS 2058- 49- 21- C
YO5BRZ 1008- 36- 14- C
YO3KWJ (YO3s ABL, QK, JU, IW,oprs.)
193,980- 913-106- D
YO4KRF (YO4s ATW, CEM, oprs)
110,888- 668- 83- D

YO8KOD (YO8s CAR,CHI,oprs)
27,840- 232- 60- D

YU2SD 253,690-1103-115- A
YU2OG 239,560-1060-113- A
YU7AF 67,200- 420- 80- A
YU7SF 15,504- 136- 57- A
YU1AWW (YU1RL,opr.)
262,386-1157-113- B
YU3HKU 96,760-1180- 82- B
YU4WW 61,308- 393- 78- B
YU1NZW 39,072- 264- 74- B
YU4VFA 26,934- 201- 67- B
YU3JS 9360- 104- 45- B
YU7ORQ 7560- 90- 42- B
YU7QCV 5810- 75- 35- B
YU2HDE 261,360-1089-120- C
YU3TLA 149,984- 688-109- C
4N9OLY (YU1PJQ, YU4WFT,oprs)
349,408-1432-122- D
YU3DKR (4oprs.)
120,240- 664- 90- D
YU7ACN (Multiop)
82,782- 511- 81- D

NORTH AMERICA

C6ADV (+N2CBU)
448,818-1767-127- D

HI8LC 22,400- 200- 56- A
HI8GB 356,952-1668-107- C

HP1AC 31,968- 214- 72- B

J3AAB 216,300-1030-105- C

NP4P 216,480- 980-110- A
NP4CC 566,680-2285-124- C
K1IWY/KP4 (+WB0AHQ)
304,432-1436-106- D

OX3ZM 53,720- 340- 79- C

VP2KBU (KC0FW,opr.)
574,250-2297-125- A

K9LA/V2A 340,684-1598-106- B
V2ARO (WB6SHD,opr.)
1,011,488-3464-146- C

V3TV 185,640- 910-102- C

XE1MDX (+XE1s FAO,MMD,OX, VIC)
493,554-1913-129- D

ZF2AG (N8AG,opr.)
271,508-1318-103- C

OCEANIA

FK8CL 50,344- 406- 62- B

FO8IW 14,352- 156- 46- C

H44SH 3840- 48- 40- C

KB7IJ/KH2 583,440-2210-132- C

VK4XA 65,846- 451- 73- B
VK8BE 1102- 29- 19- B
VK2WU 302,480-1592- 95- C
VK6NCW 13,392- 108- 62- C

YB0ACL 39,000- 375- 52- C
YB2CR 2760- 92- 15- C

ZL2AH 6600- 100- 33- A
ZL2RY 25,812- 239- 54- B

SOUTH AMERICA

CE3BFZ 27,738- 207- 67- C
CE5CJA (CE5s BYY,CFR,CNT, DRD,DVS,EMZ,XQ5CIE,oprs.)
331,344-1416-117- D

HK8BVN 186,440- 790-118- C
HK3NAW 22,344- 147- 76- C

LU6AKG 67,680- 356- 94- A
LU1EWL 52,002- 315- 81- B
LZ2M (LU1BR,opr)
579,020-2227-130- C
LU1VK 88,200- 441-100- C
LU8FDZ 18,816- 147- 64- C
LU1E (LU1CLA,LU2s,AH, DSL, LU3AJW,LU6DWA,oprs.)
713,880-2644-135- D
LU4DQ (LU1DFO, LU4DCK,LU6s EF,ETB,LU8s,DLK,DQ,oprs.)
509,520-1930-132- D

OA8CW 38,688- 248- 78- C

PY2DRP 40,836- 249- 82- B
PY1DFF 7452- 81- 46- B
PP2ZDD 308,216-1306-118- C
PT7KW 149,200- 746-100- C
PY8ZBJ 122,010- 581-105- C
PP8ZAT 63,640- 370- 86- C
ZY3ATN 6968- 134- 26- C

YV2IF 112,096- 496-113- A
YV3BRF (+YV3AZC)
678,132-2457-138- D

ZP5LOB 3008- 47- 32- C

MARITIME MOBILE REGION 1

WB8RFB/MM 20,060- 170- 59- C

W/VE

1

Connecticut

N1CC 205,428- 900-114- A
K1YRP 174,240- 788-110- A

KM1P 56,560- 404- 70- A
K1KI 54,720- 304- 90- A
K1PLR 52,140- 325- 79- A
K1NGD 41,192- 270- 76- A
KM1G 21,344- 181- 58- A
KA1YE 12,690- 135- 45- A
KA1EBI 6016- 89- 32- A
W1GNR 134,844- 657-102- B
WA1FCN 39,852- 236- 82- B
W1CNU 31,356- 228- 67- B
K1BV 20,544- 214- 48- B
W1WY 8450- 65- 65- B
WA2SVR 2240- 53- 20- B
K1NG (KI1G,opr.)
508,370-1753-145- C
N1API 387,684-1602-121- C
KA1FSO 70,122- 377- 93- C
N1ABY 45,920- 287- 80- C
KA1EHK 43,460- 265- 82- C
K1SSO 31,524- 213- 74- C
W1VH 30,240- 210- 72- C
WB1EYI (+AA2Z)
448,404-1738-129- D
K1WNT (+KA1YR)
124,146- 627- 99- D

EASTERN MASSACHUSETTS

KG1E 467,614-1841-127- A
KE1U 86,664- 468- 92- A
WA1UDH 83,980- 432- 95- A
W1FM 62,694- 367- 81- A
AI3E 17,584- 157- 56- A
K1ZZJ 8118- 122- 33- A
W1TUM 3536- 68- 26- A
W1IHN 199,716- 979-102- B
K1VUT 147,290- 709-103- B
K1VV 103,208- 673- 76- B
KA1CLV 59,428- 349- 83- B
WA0AXH/1 43,680- 269- 78- B
W1DA 23,700- 237- 50- B
KA1EMQ 2184- 39- 28- B
KA1GG 405,654-1649-123- C
KA1CFC 182,754- 781-117- C
W1FDR 146,740- 638-115- C
WB1FWS 118,116- 579-102- C
KA1AMR 60,648- 361- 84- C
WB2UMF 55,440- 385- 72- C
KA1R 43,542- 369- 59- C
KA1EKR 27,676- 187- 74- C
K1RB 26,386- 167- 79- C
KA1FAP 16,960- 160- 53- C
K1GRB 12,190- 115- 53- C
W1LUG 3360- 60- 28- C
N1CLK 2850- 57- 25- C
KA1YQ (+KJ1N)
338,496-1374-123- D
AE1P (+KA1G, WB1FLA)
181,608- 965- 94- D
KA1MY (+K1ZZJ,KA1s ERC,UE, KF1C,KG1K,N1BPJ)
49,980- 353- 70- D

MAINE

KB1CV 107,536- 570- 94- A
KB1U 75,276- 360-102- A
KA1OQ 55,692- 352- 78- A
WB1GLH 74,892- 470- 79- B
W1KX 17,930- 159- 55- B
N1AFC 8362- 113- 37- B
K1SA 5320- 76- 35- B
N1ATO 184,224- 912-101- C
K1NAN (KK1A, opr.)
12,284- 166- 37- C
KA1OR (+WB1AEK)
81,840- 440- 93- D

NEW HAMPSHIRE

N1BEY 96,768- 498- 96- A
K1IM 9280- 113- 40- A
W1PH 166,208- 778-106- B
N1BOM 45,408- 248- 88- B
W1END 39,032- 236- 82- B
N1BQD 11,232- 112- 48- B
K1NH 10,700- 103- 50- B
AF1T 258,892-1097-118- C
KE1Z 242,000- 968-125- C
K1TR 42,408- 279- 76- C
K1GW 10,742- 131- 41- C
N1OM 8844- 134- 33- C
K1WW (+KA1VQ)
331,530-1285-129- D

RHODE ISLAND

KM1X 103,136- 573- 88- B
KA1TS 166,530- 793-105- C
K1VSJ 75,078- 387- 97- C
K1HMO 64,500- 375- 86- C
KA1AWS 13,160- 140- 47- C

VERMONT

WB1GQR 475,236-1842-129- C
K1LPS 78,408- 363-108- C
WB1GMG (+WB1GMH)
43,688- 254- 86- D

WESTERN MASSACHUSETTS

N1BZG 31,744- 496- 64- A
AC1T 97,278- 523- 93- B
N1TZ 382,284-1517-126- C
K1IJU 1120- 28- 20- C
K1GDM (+KA1HVF,WA1ZRB, WB1DZK)
277,980-1230-113- D
WB1EQS (+K1ZQD,KA1CXK, W1PWK, WB1s DLE,ETS,FIJ)
127,664- 632-101- D

2

EASTERN NEW YORK

K2EK 308,864-1215-127- A
KC2QF 226,920- 930-122- A
WA2JQK 201,500- 769-130- A
KN2Q 107,514- 540- 99- A
N2BJG 87,174- 499- 87- B
N2JJ 65,472- 372- 88- B
W2KHQ 41,666- 250- 83- B
N2BJ 313,224-1263-124- C
KK2A 57,984- 302- 96- C
WB2KEX 33,228- 234- 71- C
N2FS 29,962- 211- 71- C
KA2GFE 27,512- 181- 76- C
KA2BIX 26,934- 201- 67- C
KR2Z 20,768- 176- 59- C
WB2OFV 16,748- 158- 53- C
W2AZO (+KA2HYM) 211,640- 962-110- D
KA2DXK (+KG2H) 40,320- 252- 80- D

N.Y.C. & LONG ISLAND

KA2AEV 163,084- 739-109- A
KC2SB 91,524- 526- 87- A
W2GKZ 64,400- 350- 92- A
K2OVS 20,000- 100-100- A
K2SX 82,450- 418- 97- B
WA2MUA 43,350- 288- 75- B
WB2AMU 42,330- 248- 83- B
WB2DLA 4216- 68- 31- B
WA2HSQ 1632- 48- 17- B
WB2PWR 126,762- 571-111- C
KS2G 79,794- 429- 93- C
KK2E (N2CMO,opr.) 48,114- 297- 81- C
WA2SUH 38,080- 160-119- C
WA2SVT 37,444- 253- 74- C
W2KZE 35,724- 229- 78- C
KA2EYR 18,602- 131- 71- C
K2HTO 7520- 94- 40- C
K2KTT 4366- 59- 37- C
WB2HTW 3050- 61- 25- C

NORTHERN NEW JERSEY

WA2SSH 33,580- 230- 73- A
KT2D 1596- 38- 21- A
KR2Q 224,180-1010-110- B
K2TW 207,236- 998-103- B
KD2I 180,402- 834-107- B
W2RQ 13,112- 149- 44- B
KA2MKD/N 10,416- 97- 42- B
KC2DE 6888- 81- 41- B
W1GD 115,460- 502-115- C
W2FCR 102,184- 482-106- C
KC2CS 27,324- 198- 69- C
K2RF (+KT2B, W2HWG, WA2s JHT,PID,VUN, WB2s BHC, EGI,LUD,TSY,WIK) 544,000-1997-136- D
KS2M (+KA2LGL) 30,494- 193- 79- D

SOUTHERN NEW JERSEY

KA2LHM 21,122- 179- 59- A
N2AWC 8892- 113- 39- A
K2HPV 16,352- 145- 56- B
KA2KGD/N 1350- 38- 15- B
KC2ME 303,660-1205-126- C
WA2WJL 48,800- 305- 80- C
KA2KTR 42,300- 282- 75- C
WA2HNG 26,624- 208- 64- C
K2MK 2652- 51- 26- C

WESTERN NEW YORK

W2HG 58,140- 300- 95- A
W2FUI 48,972- 312- 77- A
KM2L 36,494- 257- 71- A
N2CSY 20,720- 147- 70- A
W2TZ 137,158- 704- 97- B
KQ2K 123,394- 599-103- B
W2FTY 81,800- 409-100- B
KW2J 17,584- 153- 56- B
KA2OMX/T 1620- 30- 18- B
WA2MNM 247,500- 990-125- C
WB2YQO 108,498- 507-107- C
KK2B 62,560- 340- 92- C
WA2POW 60,140- 310- 97- C
KB2SE 42,476- 259- 82- C
WA2FBE 30,076- 206- 73- C
KC2OW 27,056- 178- 76- C
WB2FBP 25,422- 223- 57- C
WB2TKD 22,464- 144- 78- C
WA2RKO 20,636- 154- 67- C
WA2LEZ 14,800- 148- 50- C
K2QR 1056- 33- 16- C
KJ2Q (+KA2CFH,WB2MVF, WB2SZY) 153,600- 640-120- D
WA2AAZ (AB2F,N2COJ,WB2TGU, oprs.) 21,230- 190- 55- D

3

DELAWARE

K3HBP 73,610- 433- 85- B
AC3T 22,050- 225- 49- C
KC3AM 15,500- 155- 50- C

EASTERN PENNSYLVANIA

KB3YY 163,460- 743-110- A
N3CXB 87,970- 459- 95- A
W3ARK 87,220- 490- 89- A
K3FN 74,302- 383- 97- A
W3BGN 62,080- 388- 80- A
KC3M 57,828- 363- 79- A
WA3TQJ 50,160- 314- 76- A
K3ND 43,500- 250- 87- A
W3KV 18,060- 129- 70- A
KK3V 12,896- 124- 52- A
K3YD 2040- 51- 20- A
KH6CP/3 1360- 38- 17- A
N3AOT 107,184- 616- 87- B
WA3YON 22,692- 178- 61- B
WB3FYT 22,440- 178- 60- B
K3VYA 14,310- 132- 53- B
WA3JXW 12,800- 128- 50- B
W3ADE 11,342- 101- 53- B
W3JPW 9676- 118- 41- B
K3GM 347,980-1370-127- C
WA3ZTE 140,634- 601-117- C
N3AZS 124,200- 540-115- C
KC3EE 117,024- 552-106- C
W3ZAA 60,606- 333- 91- C
WB3CIW 60,140- 310- 97- C
KC3AD 33,004- 223- 74- C
KA3IIC 30,976- 242- 64- C
KB3NQ 26,260- 202- 65- C
KC3DJ 18,768- 138- 68- C
K3EBZ 18,100- 181- 50- C
N3DAU 17,664- 138- 64- C
N3BCZ 8652- 103- 42- C
KC3CB 8084- 94- 43- C
W3MXN 7098- 91- 39- C
N3DCG 6708- 86- 39- C
W3GPR 4216- 62- 34- C
WA3YTI 3300- 50- 33- C
N3CFE (+KA3EAQ,N3s AOG,DCR, WB3EPU) 94,940- 465-101- D
K3YTL (AD3L,KB3JK,oprs.) 4968- 69- 36- D

MARYLAND D.C.

W3ICM 115,290- 546-105- A
K3SA 31,600- 200- 79- A
W3GN 75,894- 417- 91- B
WA3VPL 5976- 83- 36- B
W4KM 4176- 77- 24- B
KA9X 2- 1- 1- B
W3USS (K3ZJ,opr.) 221,030- 961-115- C
KC3DF 125,892- 538-117- C
WA4CYR 113,344- 506-112- C
N3AOE 63,552- 331- 96- C
N3GB 47,278- 307- 77- C
K4CGY 44,070- 339- 65- C
KC3EK 15,000- 150- 50- C
WB3EFG 7000- 100- 35- C
WB3JVD 1216- 38- 16- C

WESTERN PENNSYLVANIA

K3UA 252,648-1036-121- A
WA3GQU 10,430- 147- 35- A
K3DE 10,010- 91- 55- A
N3BJ 151,620- 722-105- B
N2MA/3 47,208- 279- 84- B
WA3UNX 14,410- 130- 55- B
WB3CMZ 8600- 99- 43- B
W3HDH 7052- 86- 41- B
K3LWM 314,146-1181-133- C
AD8J/3 154,656- 716-108- C
WA3ESH 65,088- 339- 96- C
KA3CRC 54,008- 314- 86- C
KB3WU 44,544- 256- 87- C
KC3BB 35,856- 249- 72- C
KC3CL 30,806- 211- 73- C
WB3HPE 29,200- 200- 73- C
KA3ABK 23,424- 192- 61- C
W3DKL 19,964- 161- 62- C
K3MRT 13,566- 133- 51- C
KA3AUX 6408- 89- 36- C
WA3PCX 140- 10- 7- C

4

ALABAMA

KA4ILP/N 34,648- 259- 61- B
KD4TT 125,532- 634- 99- C
KA4AJA 55,096- 388- 71- C
N4AQA 27,528- 186- 74- C
KF4ID 9900- 99- 50- C

GEORGIA

KX4R 274,560-1056-130- A
K4EZ 107,568- 498-108- A
W4MGX 41,652- 267- 78- A
AA4EI 3500- 50- 35- A
K4BAI 139,668- 678-103- B
W4JFL 34,804- 222- 77- B
W5VUX 86,528- 416-104- C
KE4XW 63,112- 343- 92- C
N4BWS 60,916- 314- 97- C
K4KG 37,440- 234- 80- C
W4NWB 9570- 87- 55- C
N4RJ (+AA4GA, WB4NMA) 514,744-1738-148- D
N4WQ (+N4GIM) 281,970-1200-117- D

KENTUCKY

WA4QMQ 92,352- 444-104- A
ND4Y 56,588- 300- 94- A
N4AR 332,232-1296-127- B
KA4JMZ 26,052- 166- 78- B
KB4CGX/N 9720- 98- 45- B
KA4TAY 40,716- 261- 78- C
WD4KIT 5684- 98- 29- C
N4TY (+NO4R) 220,688-1060-104- D
W4CN (K4TXJ,KD4U,N4XM,oprs) 174,944- 781-112- D
WD4CRG (+N4DIT) 130,320- 543-120- D
WB4VFW (KA4s BYA,KJG,TPE, KE4NS,NN4H,W4HJQ,WA4DPC, WB4OJM,WD4GDA,WA0YNH) 44,092- 302- 73- D

NORTH CAROLINA

WB5YMS 64,296- 336- 94- B
N4AA 32,128- 249- 64- B
KB4CMG/N 9760- 107- 40- B
WD4OHD 9546- 109- 43- B
WB4EJJ 28,392- 182- 78- C
WB4WRL 11,800- 118- 50- C
KA4VIP 6992- 92- 38- C
WA4NOT 3780- 70- 27- C
KF4HK (+KS4S,WA4VCC, WB4QNP) 262,010- 985-133- D
NE4J (+AB4S,AB4V,KA4s WDX, WWX,N4ELM) 169,680- 808-105- D

NORTHERN FLORIDA

N4SA 365,484-1603-114- A
WB4MUK 11,808- 117- 48- A
WC4E 135,168- 752- 88- B
KA4VNS/N 91,348- 517- 82- B
WA4MOJ 107,730- 567- 95- C
W4WKQ 129,540- 635-102- C
W4IIR 86,464- 386-112- C
WB5YLT 22,968- 174- 66- C
N4WW (+NX4N,WB3GCI) 708,300-2361-150- D
KF4W (+KB4s HF,SW,KC4UF, N4IB,WA4AXJ) 425,148-1497-142- D

SOUTH CAROLINA

K4CNW 61,656- 363- 84- B
KJ4X 13,624- 131- 52- B
WB2GJD 3480- 59- 29- B
WB4TLX 341,504-1334-128- C

SOUTHERN FLORIDA

WA4FYZ 54,808- 398- 68- A
K8UNP 45,240- 260- 87- A
N4DMI 31,328- 178- 88- A
WD4AHZ 102,608- 567- 88- B
N4BP 75,402- 531- 71- B
N4KB 2184- 42- 26- B
W4JM 13,356- 126- 53- C
W4HVU 9118- 97- 47- C
W4LX (KA8CXQ,WD8ABP,oprs.) 133,224- 732- 91- D

TENNESSEE

WB4SFX 107,000- 499-107- A
KB4SL 93,840- 456-102- A
K4XO 39,424- 224- 88- A
KD4PP 37,500- 250- 75- A
K4OAQ 144,840- 708-102- B
K4AMC 143,400- 714-100- B
W4PHW 3300- 58- 25- B
KE4HX 186,660- 765-122- C
N4FZM 56,052- 346- 81- C
KD4XX 37,324- 217- 86- C
NY4N 36,720- 255- 72- C
N4DJY 7030- 95- 37- C
W4VSV 1628- 37- 22- C
NR4S (+KI4Q,KY4L) 78,772- 417- 94- D

VIRGINIA

WB4BVY 414,256-1523-136- A
WB4J 100,672- 482-104- A
K4OD 65,520- 364- 90- A
K4FPF 60,636- 326- 93- A
W4YE 57,494- 323- 89- A
K4JM 50,568- 294- 86- A
KA4UDD 50,400- 350- 72- A
KA4RLJ 36,520- 220- 83- A
N4MM 17,400- 145- 60- A
W4LMW 6732- 102- 33- A
N3OS 53,210- 306- 85- B
KC4HN 35,600- 198- 39- B
K4TM 16,080- 134- 60- B
K4JST 504- 20- 12- B
W4MV 198- 10- 9- B
KB0C/4 90,420- 411-110- C
K4YT 54,000- 270-100- C
WB4PIQ 30,368- 208- 73- C
K4QAX 8034- 103- 39- C
WB4UBD 1536- 32- 24- C
NA4L (+N4s BDM,VL,WD4s BTF, BTG) 319,332-1157-138- D
W4IY (AF2T,KB4ADS, KC4FI, KD4IC, WB4s,CZX,RDV,oprs.) 110,682- 554- 99- D

WEST INDIES

NP4EK 55,242- 297- 93- C

5

ARKANSAS

W3FDP 113,226- 501-113- C
KA5KZK 45,588- 262- 87- C
W5EIJ 14,080- 128- 55- C

LOUISIANA

W5XZ 601,660-2245-134- A
W5WG 46,508- 288- 77- B
AC5R 13,536- 144- 47- B
W5QEP 131,036- 697- 94- C
N5BGX 12,000- 120- 50- C
W5EA (AE5V,KA5OGM,KC5CZ, KU5H,oprs.) 414,556-1699-122- D
W5USN (KB4JI; WA0MYS,oprs.) 148,672- 736-101- D

MISSISSIPPI

N5CFU 68,040- 374- 84- A
N5FG 65,728- 415- 79- A
N5GW 102,170- 599- 85- B
N5DSK 228,032-1018-112- C
W5NCB 9540- 106- 45- C
KN8J (+N1CLS,KC8IS) 120,870- 707- 85- D

NEW MEXICO

WA5DJJ 18,928- 165- 56- A
KC5DV 18,666- 176- 51- A
W5JW 252,420-1192-105- B
N5EZA/T 4644- 61- 27- B
KA5OKR/T 1848- 34- 22- B
N5ACP 23,600- 200- 59- C
W5GB (N2JB,KA5ECS,KB5EZ, KC5BH,oprs.) 65,650- 502- 65- D

NORTHERN TEXAS

WB5VZL 441,496-1903-116- A
K5FUV 368,250-1473-125- A
K5NW 247,752-1137-108- B
KA5GFJ 60,060- 379- 78- B
KB5UL 44,020- 310- 71- B
K5SOR 37,520- 332- 56- B
W5QF 28,704- 200- 69- B
AD5F 7992- 101- 36- B
N5RZ 583,470-2161-135- C
KV5B 244,528-1054-116- C
W5PLN 120,540- 615- 98- C
W5IU 70,798- 389- 91- C
KX5U 6076- 98- 31- C
N5AU (+K5ZD,KM5X) 859,270-2962-145- D
KY5P (+KY5N) 368,520-1658-111- D
KT5M (+KC5DX) 120,120- 699- 84- D
N5FDQ (+WD5GUW) 105,120- 584- 90- D

OKLAHOMA

N5CG 301,990-1313-115- A
KM5H 218,000- 998-109- A
N0IN/5 13,500- 150- 45- B
WD5IRR 6840- 111- 30- B
WA5PFJ 73,650- 491- 75- C
KD5BJ 61,104- 402- 76- C
WD5HZE 10,824- 132- 41- C
W0PAN 7280- 104- 35- C
KC4WQ 6336- 99- 32- C

SOUTHERN TEXAS

N5DDO 484,080-2017-120- A
AD5Q 359,190-1533-117- A
W5ASP 168,072- 894- 94- A
N5CMF 3050- 53- 25- A
K5RC 405,288-1706-117- B
N5AVR 13,376- 150- 44- B
K5ZC 8092- 119- 34- B
WA5IHS 472,384-1952-121- C
KC5CP 312,736-1348-116- C
KB5FU 175,800- 879-100- C
K5UCV 139,048- 764- 91- C
WA5IYX 74,074- 481- 77- C
N5CUY 39,468- 299- 66- C
AK5G 36,530- 281- 65- C
WA5RNV 32,816- 293- 56- C
KA5LDH 22,632- 246- 46- C
WB0YEA 17,280- 180- 48- C
WD5BEP 7728- 84- 46- C
WD8DKJ/5 2450- 35- 35- C
W5OP 1800- 45- 20- C
K5HIM 330- 52- 3- C
W5RRR (K5GN,KG5U, KN5H, NA5R,oprs.) 763,968-2767-138- D
W5VX (+K5s JX,TSQ,NA5C, W5MYA) 655,158-2463-133- D
KD5SP (+KY5A,N5s,EA,JJ) 497,658-2087-119- D
K5LZO (+WB5RUS,WB0NFY) 496,250-1985-125- D

6

EAST BAY

WB6FCR 276,360-1410- 98- A
K6CSL 30,800- 276- 55- A
N6GRM 21,840- 210- 52- A
KS6H 99,864- 676- 73- B
K6ATV 64,448- 418- 76- B
K6ARE 9360- 107- 40- B
W6DNY 4312- 77- 28- B
N6HJY/T 4140- 54- 30- B
K2GMY 253,248-1319- 96- C
KS6Q 13,992- 159- 44- C

LOS ANGELES

K6EID 246,788-1172-103- A
AI6Z 195,444-1097- 89- A
N6HC 153,552- 914- 84- A
KT6M 97,500- 603- 78- B
WB9HRO/6 34,210- 310- 55- B
N6HE 17,712- 151- 54- B
WB6VVS 5220- 90- 29- B
N6HTH/T 3402- 50- 27- B
WA6OTU 2184- 42- 26- B
W6CN 75,680- 440- 86- C
W6NXB 7958- 51- 29- C
WB6JHC (AJ60, KB6A, KC6W, NM6Q, WA6s,CWQ, YSC, WB6CWT, oprs.) 146,804- 746- 98- D
KA6RAI (+KA6UDZ) 50,050- 325- 77- D

ORANGE

W6HK 234,968-1277- 92- A
WA6JAH 163,760- 892- 89- B
K6EBK 68,226- 411- 83- C
WA6IYN 34,160- 280- 61- C
WA6GFR 2226- 53- 21- C

PACIFIC

KH6IJ 4860- 81- 30- A
KH6UN/T 17,370- 167- 45- B
KH6JWK 14,688- 153- 48- B
KH6CDO 62,436- 473- 66- C
AH6EK (Multiop) 4158- 76- 27- D

SACRAMENTO VALLEY

W6AMW 83,328- 496- 84- A
AA6DX 55,480- 375- 73- A
WA6BRV 6666- 100- 33- A
WD6CQH 2112- 40- 22- B
AI6V 573,644-2351-122- C
N6JM 49,420- 353- 70- C

SAN DIEGO

N6BFE 94,224- 589- 78- A
N6HLK 6090- 85- 35- A
W6ZT 48,984- 308- 78- B
AA6EE 2254- 49- 23- B
N6ND 493,680-2040-121- C
W6KBD 18,676- 161- 58- C
AB6R (+WB6OKK) 442,888-1909-116- D

SAN JOAQUIN VALLEY

W6SX 34,128- 316- 54- B
WA6YKW/N 16,380- 162- 45- B
KA6BIM 112,716- 606- 93- C
WB6LBR 109,890- 555- 99- C
KE6RN 25,520- 220- 58- C
W6RKX 17,000- 170- 50- C
WA6SLF 8692- 106- 41- C

SAN FRANCISCO

WA6AUE 124,244- 698- 89- C
K6LVD 37,814- 259- 73- C

SANTA BARBARA

W6TKF 66,722- 457- 73- A
N6GAU 38,988- 359- 54- A
WB6DNN 9040- 103- 40- A
KA6GKU 8880- 120- 37- A
KA6VRW/N 570- 17- 15- B
W6OAL 111,720- 588- 95- C

SANTA CLARA VALLEY

N6NF 401,664-2092- 96- A
WD6CKT 93,440- 640- 73- A
W6OKK 44,042- 361- 61- A
N6UW 37,004- 312- 58- A
W6SZN 35,316- 326- 54- A
K2UMU 33,516- 291- 57- A
N6CW 320,144-1475-107- B
N6MG 226,644-1101-101- B
W6PRI 58,112- 437- 64- B
N6YE 13,376- 148- 44- B
KA6ING/T 5100- 68- 34- B
WD6DXH/N 1440- 30- 20- B
K6HNZ 562,500-2250-125- C
K6ITL 126,126- 693- 91- C
KA6HTC 72,224- 488- 74- C
KF6AB 47,840- 368- 65- C
KF6EC 34,840- 268- 65- C
W6YVK 11,968- 136- 44- C
K6YA (AG6D,K6MA,KE6PQ, N6s AUV,DOK,W8RPA,WB6YZI,oprs) 370,400-1852-100- D

7

ALASKA

NL7P 285,096-1696- 84- A
AL7CQ 172,848-1108- 78- A
WB4WXE/KL7 36,828- 341- 54- A
KL7AF 73,344- 572- 64- B
KL7Y 68,340- 510- 67- B
KA7FUE/KL7 34,080- 355- 48- C
KL7SK 2450- 49- 25- C
KL7CQ (+KL7s HFQ,LO) 219,184-1442- 76- D
KL7KE (+KL7KD) 8844- 130- 33- D

ARIZONA

WB7FDQ 675,480-2587-130- A

KC7V 13,056- 136- 48- A
K6LL/7 329,184-1493-108- B
N7CW 261,186-1279-101- B
WB7QBM 119,880- 674- 90- B
W7ZMD 84,456- 612- 69- B
W7YS 44,144- 335- 62- B
WA7NXL 16,074- 170- 47- B
W7LUY 2320- 51- 20- B
WA7NWL 960- 25- 16- B
N7DD 830,850-2865-145- C
W7FGT 349,392-1506-116- C
WA7KLK 228,480-1120-102- C
KY7F 110,712- 659- 84- C
K7RDH 98,400- 600- 82- C
WB2WEO 38,744- 334- 58- C
KL7WL 10,812- 102- 53- C
W7KAJ 10,080- 112- 45- C

IDAHO

N7EIJ 86,184- 561- 76- A
N7SU 62,424- 459- 68- B
KN7K 53,550- 516- 51- B
KU7Y 20,832- 247- 42- B
N7DYS/T 14,878- 147- 43- B
WA0DYU 58,136- 559- 52- C
KB7CQ (+KB7CR)
249,744-1452- 86- D

MONTANA

KS7T 254,644-1526- 83- A
KE7X 119,922- 759- 79- B
KL7FDQ/7 10,080- 136- 36- B
WA7GVT 9768- 128- 37- B
N7CFG 60,984- 484- 63- C
KA7INW (+K7GQI)
24,960- 208- 60- D

NEVADA

WA7UEC 366,102-1838- 99- A
WA7CWM 258,344-1502- 86- A
WB7VVH 39,050- 275- 71- C
WA7KNK (+K7SFN)
395,932-1922-103- D
KA7BRE (+KA7BRF)
137,020- 806- 85- D

OREGON

W7GUR 62,624- 411- 76- A
WB7SRU 46,434- 327- 71- A
KA7FTS 35,404- 333- 53- A
AD7T 15,264- 104- 72- A
W7YAQ 6200- 100- 31- A
KQ7I 129,150- 856- 75- B
W7TC 98,540- 754- 65- B
KA7KDU/T 28,560- 248- 51- B
K17M 295,926-1591- 93- C
W7FRO 258,258-1419- 91- C
KU7M 232,744-1238- 94- C
WB7EEI 132,276- 906- 73- C
WB2WOJ 103,220- 794- 65- C
KA7GPC 30,160- 290- 52- C
WA7WBE 12,388- 163- 38- C
KA7FMC 7072- 104- 34- C
K7AA 2940- 42- 35- C
W7VW (K7TDX,KA7s ARC,JDZ,
KD7s AA,AD,KU7K)
144,840-1065- 68- D
WB7UFJ (+KA7KMQ)
58,842- 467- 63- D

UTAH

K7CPC 50,960- 452- 56- B
KA7KMP 3630- 52- 33- B
WA7HQD 111,600- 775- 72- C

WASHINGTON

N7TT 143,080- 980- 73- A
W7WMO 124,150- 948- 65- A
KR7L 15,170- 180- 41- A
W7IEU 33,184- 263- 61- B
AG7M 459,244-2146-107- C
N7CKD 104,148- 526- 99- C
KB7TW 63,042- 399- 79- C
W7ERH 11,904- 124- 48- C
K7IDX 8188- 178- 23- C
KT7G (+KB7G)
364,000-2000- 91- D
KC7KI (+KA7s CVT,CZV,OIW)
24,530- 218- 55- D

WYOMING

WB7CFL 124,968- 757- 82- A
W7IRL 18,914- 187- 49- A
KB7M 156,712-1031- 76- C
KC7TH 148,200-1140- 65- C

8

MICHIGAN

KO8T 305,838-1307-117- A
WB8GDO 136,974- 615-111- A
K8CV 35,076- 237- 74- A
N8CQA 26,332- 223- 58- A
KA8IIN 24,300- 223- 54- A
W8UA 194,876- 939-103- B
K8QWG 16,640- 151- 52- B
KA8MSU/N 7400- 87- 37- B
WB8RUQ 2112- 44- 24- B
W8WVU 2000- 40- 25- B
W8YL 1320- 30- 22- B
K8ZE 392,616-1558-126- C
N8DEQ 264,740-1085-122- C
WD8RBW 71,340- 410- 87- C
WB8VPQ 60,822- 327- 93- C
N8CXX 54,240- 339- 80- C
KA8PAH 51,660- 315- 82- C
K8ICE 31,920- 190- 84- C
WA8WMC 29,400- 196- 75- C
WB8SFF 29,088- 202- 72- C
K8SS 21,358- 181- 59- C
N8ABY 13,888- 124- 56- C
KA8HJC 10,728- 149- 36- C
KW8G 9800- 100- 49- C
KC8EM 1482- 39- 19- C
WA8TBQ (+AD8R,K8LX,N8BXQ)
387,072-1536-126- D
N8BKO (+AC8W,K8s,DD,JLB,
KA8s APL,KCN,KJ8A,N8s,
CJX,DBI,WA8s,BSF,MEC)
270,844-1138-119- D
KG8V (+AB8Y,K8MPF,KR8W,
W8SEY,WB8IUK)
203,668- 847-118- D
WB8BUQ (KB8BPY,WD8CIN,
WN8PEE)
194,940- 855-114- D
KG8U (+KG1F)
64,672- 344- 94- D
KB8TI (+WA8ZCO)
34,272- 252- 68- D
KB8DV (K8NKB,KC8GE,N8BUZ,
WA8RNB,oprs.)
19,824- 177- 56- D
WD8AYV (Multiop)
9996- 119- 42- D

OHIO

AD8I (KU8E,opr.)
492,048-1833-134- A
K8CX 376,164-1456-129- A
W8UPH 74,646- 422- 87- A
K8MNG 63,552- 331- 96- A
KC8YW 20,234- 151- 67- A
KA8OUT 19,836- 171- 58- A
N8DOE 16,080- 134- 60- A
W8CAR 14,800- 148- 50- A
K8MR 8188- 89- 46- A
K8BL 7474- 100- 37- A
AG8J 5874- 89- 33- A
K8NZ 306,614-1252-121- B
W8FN 168,272- 809-104- B
WA8SBC (WB8PHI,opr.)
140,650- 722- 97- B
N8BJQ 122,176- 656- 92- B
W8QID 103,356- 519- 99- B
KW8J 87,380- 514- 85- B
KA8ETK 52,836- 352- 74- B
W8LNO 49,896- 296- 84- B
N8EJC 16,218- 148- 53- B
W8LCY 8692- 104- 41- B
KV8Q 7956- 99- 39- B
W8IDM 4836- 78- 31- B
W8EKG/T 1092- 26- 21- B
K8HF 736- 23- 16- B
KJ8V 282,500-1130-125- C
N8ATR 206,340- 905-114- C
KC8JH 163,500- 750-109- C
W8KKF 125,370- 597-105- C
WA8BIN 70,666- 397- 89- C
WB8VPA 47,850- 275- 87- C
WD8BOK 45,590- 235- 97- C
KC8UZ 36,176- 238- 76- C
WD8MRF 33,880- 220- 77- C
WB8MIP 32,004- 254- 63- C
KB8WB 25,920- 180- 72- C
WB8VUU 25,220- 194- 65- C
WB8PAT 15,504- 114- 68- C
W8NPF 14,652- 99- 74- C
W8EX 14,080- 110- 64- C
W8NP (N8ATZ,opr.)
7680- 120- 32- C
W8ILC 6586- 89- 37- C
WB8YJP 6072- 92- 33- C
WB8YEW 3920- 70- 28- C
WD8KTM 1800- 50- 18- C
KI8O 1344- 32- 21- C
N8CUX 810- 27- 15- C
K8III (+KC8AB,WB8KRY)
455,820-1605-142- D
WD8AUB (+WB8KKI,WD8s BIA,
LID)
332,100-1347-123- D
WD8IXE (+KC8WF)
144,928- 644-112- D
KD8P (KB8LH,N8s BGJ,DZA,
W8s HEG,ZZS,WA8WHP)
119,028- 546-109- D
WA3EKH/8 (+KA8KPP, WA3ZBU,
WB8YGR)
95,970- 457-105- D
WB8CCL (+N8DGZ)
65,436- 395- 82- D

WEST VIRGINIA

N8II 625,084-2201-142- A
WA8YTM 33,604- 271- 62- A
K8OQL 31,244- 210- 73- B
N8CDD 59,432- 323- 92- C
W8VEN 26,520- 204- 65- C
N8APA (+N8ABW)
101,970- 495-103- D

9

ILLINOIS

W9WJ 128,544- 623-103- A
K9BQL 50,706- 311- 81- A
WD9EXD 37,422- 239- 77- A
KA9GFJ 36,960- 220- 84- A
W9QWM 34,000- 248- 68- A
WD9DGE 28,884- 240- 58- A
W9LNQ 14,356- 97- 74- A
WA9MRU 14,280- 139- 51- A
AD9H 6336- 99- 32- A
KK9C 5400- 89- 30- A
K9UQN 5340- 89- 30- A
K9FFC 300- 28- 10- A
N9HH 142,596- 688-102- B
WD9DBC 94,860- 526- 90- B
W9PNE 82,984- 449- 92- B
KG9N 54,600- 321- 84- B
N9TI 38,500- 250- 77- B
W9OA 21,200- 200- 53- B
KK9A 4030- 65- 31- B
W9FSD 2970- 49- 27- B
KB9QZ 120,744- 559-108- C
KB9AW 84,164- 397-106- C
K9LUX 64,574- 389- 83- C
KR9A 57,912- 381- 76- C
N9CQX 57,630- 339- 85- C
KA9JDW 46,228- 254- 91- C
K9IKP 30,932- 209- 74- C
AD9K 28,810- 215- 67- C
KG9Z 14,112- 144- 49- C
W9REC 8040- 67- 60- C
K9VMI 4176- 58- 36- C
WB9TDR 1302- 31- 21- C
AB9M (+AC9S)
216,200- 940-115- D
K9EAX (+ WD9DVW)
57,768- 348- 83- D
W9CA (+N9AIB)
45,568- 256- 89- D
N9BZR (KA9s DVY,HHC,WA9RSD,
WD9COL)
41,238- 261- 79- D

INDIANA

W9RE 107,642- 503-107- A
W9XD 94,248- 473- 99- A
KC9FC 77,018- 393- 97- A
WD9EME 60,912- 322- 94- A
N9NB 3968- 64- 31- A
K9TUS 99,696- 536- 93- B
W9VP 28,268- 190- 74- B
WB9ZGY 17,214- 151- 57- B
W9JGH 4896- 65- 36- B
W9LT 405,768-1537-132- C
N4PP 235,638-1007-117- C
WB9FOL 101,008- 472-107- C
W9NZW 64,288- 328- 98- C
KC9OP 60,864- 317- 96- C
KB9CO 51,504- 296- 87- C
WD9IPX 42,432- 208-102- C
KC9IT 29,876- 194- 77- C
K9VQK 18,358- 137- 67- C
WB9IWN 15,260- 109- 70- C
N9DPJ 10,486- 107- 49- C
KB9PW 5848- 86- 34- C
N4FKF 2352- 49- 24- C
KC9CC (+AE9Y,KB9MO,N9BSO)
314,592-1352-116- D
N9SF (+KA9OKR,N9s ACD,CRW,
WB9s AMI,CIF,IIV,WD9JKL,
oprs.)
85,002- 457- 93- D
KC9MI (+KC9MJ,N9DNV)
22,000- 200- 55- D

WISCONSIN

W9OP 221,100-1004-110- A
KE9A 216,508- 958-113- A
KA9DSH 73,346- 400- 91- A
K9GDF 10,296- 131- 39- A
W9YCV 7950- 75- 53- A
W9VZR 5460- 70- 39- A
W9WAQ 118,584- 549-108- B
W9NA 114,624- 597- 96- B
KB9S 101,904- 568- 88- B
KA9IXM 17,710- 145- 55- B
KQ9L 260,392-1076-121- C
W9UP 151,340- 658-115- C
K9EC (WB9YUH,opr.)
98,808- 537- 92- C
W9ODO 37,696- 248- 76- C
KC9GG 25,480- 182- 70- C
K9DWS 19,344- 156- 62- C
WB9AZH 9680- 110- 44- C
N9KS 8600- 100- 43- C
KA9KKU 4480- 70- 32- C
KB9DZ 2420- 55- 22- C
WØAIH (+KØFVF,WØUC,WAØRBW
oprs)
372,060-1378-135- D
W9XT (+WB9EGZ)
294,372-1258-117- D
WA9BZW (+KA9LWN)
92,150- 478- 95- D

Ø

COLORADO

WØYK 700,344-2556-137- A
NØST (NØEBM,opr.)
249,660-1294- 95- A
WØETT 163,930- 839- 97- A
NØZA 121,660- 758- 79- A
KRØU 10,584- 141- 36- A
WØUA 293,160-1374-105- B
NØCGA 209,856-1088- 96- B
WØCP 194,388-1001- 97- B
KIØJ 32,656- 299- 52- B
KØOST 4032- 52- 32- B
WBØUCJ 2688- 45- 24- B
KAØOZN/N 234- 10- 9- B
KØRF 776,456-2734-142- C
KØUK 525,572-2227-118- C
WØCOR 288,496-1387-104- C
NØASN 117,888- 614- 96- C
WØIZV 44,380- 317- 70- C
KØTIV 16,128- 168- 48- C
KAØFXH 14,520- 165- 44- C
KAØOJT 10,944- 152- 36- C
WAØDYZ 8924- 97- 46- C
NØDQY 1444- 38- 19- C

IOWA

WØIO (WA3PWL,opr)
257,004-1076-118- A
AKØP 139,920- 660-106- A
KFØZ 34,408- 250- 68- A
NØJR 107,322- 562- 93- B
KØLCI 72,210- 392- 87- B
NØBB 65,520- 362- 90- B
WØYBV 42,778- 278- 73- B
WØANZ 8536- 96- 44- B
KØHQE 7920- 92- 40- B
KBØPR 303,952-1256-121- C
NØCOL 151,312- 772- 98- C
WØPPF 46,200- 300- 77- C
NØEFC 36,288- 252- 72- C
KAØD 33,264- 252- 66- C
KCØGM 26,000- 200- 65- C
KØEVC 16,268- 166- 49- C
WØPUR 12,768- 133- 48- C
KØSRL 10,710- 105- 51- C
WB9KVI 4428- 82- 27- C
AGØM 1520- 45- 17- C
KJØI (+KMØQ, NØDYP)
268,660- 996-133- D
NØEEN (+KAØMUG)
45,140- 305- 74- D

KANSAS

WAØQMU 359,600-1449-124- A
NØBLD 21,094- 192- 53- A
WBØWZX 15,990- 188- 41- A
NØCBG 8246- 128- 31- A
KSØU 54,400- 332- 80- B
WØIYR 22,572- 209- 54- B
KBØWJ 126,464- 608-104- C
WBØYJT 83,312- 508- 82- C
WDØFHK 49,404- 358- 69- C
WBØGKG 33,600- 240- 70- C
KØIEW 31,388- 266- 59- C
KØVUA 9792- 102- 48- C
KFØM (+K8CC,WAØVJF,
WBØUXP)
577,752-2172-133- D

MINNESOTA

KNØV 282,480-1174-120- A
NØBSH 148,824- 684-108- A
KØMPH 49,248- 324- 76- A
WA2HFI 43,070- 365- 59- A
WAØLKL 159,250- 875- 91- B
KØPK 82,328- 502- 82- B
WØYCR 79,740- 443- 90- B
NØBUI 53,878- 341- 79- B
WAØWWW 25,010- 199- 61- B
KFØT 21,200- 206- 50- B
KBØAX 9238- 142- 31- B
KSØT 3584- 64- 28- B
ACØW 44,352- 336- 66- C
WBØYUC 38,170- 347- 55- C
WBØZEZ 37,202- 209- 89- C
WAØVHX 29,784- 219- 68- C
WBØGCM 28,914- 237- 61- C
KAØMZJ 22,560- 235- 48- C
WØEKS 11,832- 116- 51- C
WAØVQR 4092- 62- 33- C
KØSR (+KFØP,WBØHCH)
246,598-1019-121- D
WØSW (AIØE,KAØMZJ,KCØHR,
WØOJE,WAØNOX,WBØVYC,WDØs
DTU,GUW,GUX,HXW,oprs.)
128,250- 675- 95- D
KBØXV (+WAØTVB)
71,200- 445- 80- D

MISSOURI

K4VX 300,440-1292-116- B
KØTLM 108,240- 613- 88- B
KØHF 9768- 111- 44- B
WA9FWO 2600- 94- 26- B
WDØHDB/N 2088- 50- 18- B
WØXK 467,480-1612-145- C
K3IGA 199,068- 939-106- C
WAØNOK 102,396- 483-106- C
WØFES 75,994- 417- 91- C
NØALC 44,850- 325- 69- C
WØSPF/Ø 8436- 111- 38- C
KAØILO 3640- 70- 26- C
ABØI (+KØUAA,KBØWD,NJDF)
770,336-2529-152- D
NØAQC (+KØFA,KBØMK,KEØW,
NØs AOP,AQZ,EAC,WBØs OQV,
SQY)
424,668-1646-129- D

NEBRASKA

KVØI 203,600-1018-100- A
AKØC 32,292- 349- 46- A
KBØYK 12,312- 171- 36- A
NØBNY 42,210- 306- 67- B
WBØGOB 19,720- 170- 58- B
WØSSC 206,568- 906-114- C
NØAJU 50,250- 335- 75- C
KAØKCM 32,592- 388- 42- C
KAØGON 2160- 54- 20- C

NORTH DAKOTA

KCØCU 74,184- 562- 66- A
KCØW 1404- 39- 18- C
KFØA (+KMØW)
133,446- 967- 69- D

SOUTH DAKOTA

NØEAL 9672- 149- 31- A
KØJV 11,088- 149- 33- B
WBØMWJ 241,680-1272- 95- C
WØWUU 8904- 106- 42- C

VE

NEWFOUNDLAND

VO1AW 59,444- 379- 77- B
VO1QU 295,320-1380-107- C

LABRADOR

VO2CW 425,920-1760-121- C

MARITIMES

VE1BPY 405,976-1634-124- A
VE1BSL 10,640- 140- 38- B
VE1YX 978,930-3285-149- C
VE1DX 81,090- 477- 85- C
VE1OC 30,618- 189- 81- C

QUEBEC

VE2DPO 49,856- 322- 76- B
VE2FTU 27,720- 462- 60- B
VE2FFE 3248- 50- 29- B
VE2DTI 52,316- 319- 82- C
VE2XL 16,758- 147- 57- C
VE2PD 6960- 87- 40- C
VE2KW 4340- 70- 31- C
VE2FSU 4104- 54- 38- C
VE2JO 3840- 60- 32- C
VE2FSM (+VE2GFW)
50,348- 307- 82- D

ONTARIO

VE3KZ 239,268- 941-127- A
VE3GP 146,370- 690-105- A
WA4TNI/VE3 28,920- 234- 60- A
VE3MRN 132,916- 658-101- B
VE3NBE 48,356- 311- 77- B
VE3LUG 15,120- 139- 54- B
VE3LQJ 2080- 40- 26- B
VE3CYX 333,322-1199-139- C
VE3FWQ 228,760- 860-133- C
VE3MBN 180,600- 700-129- C
VE3GCO 124,020- 585-106- C
VE3CDS 32,400- 225- 72- C
VE2AEJ/3 27,492- 170- 79- B
VE3LDW 18,468- 171- 54- C
VE3MKJ 18,816- 168- 56- C
VE3KQI 14,950- 115- 65- C
VE3ESN 3060- 51- 30- C
VE3CVX (+VE3FIB)
274,512-1064-129- D

MANITOBA

VE4QST (VE4MG,opr.)
28,240- 353- 40- A
VE4YY 56,772- 473- 57- B
VE4AEX 20,280- 163- 60- B
VE4GM 120,032- 968- 62- C
VE4ZN 23,880- 199- 60- C
VE4RP 22,378- 167- 67- C
VE4ADQ (+VE4ADG)
123,668- 719- 86- D

SASKATCHEWAN

VE5AAD 39,474- 452- 43- B
VE5RA 362,232-1677-108- C
VE5CF 248,724-1269- 98- C
VE5AFG 66,920- 478- 70- C
VE5AE 40,200- 300- 67- C
VE5JQ (+VE5s AG, BBQ,BCO,RC,
ZU)
86,196- 653- 66- D

ALBERTA

VE6CCL 47,424- 484- 48- A
VE6CHS 24,804- 233- 53- A
VE6AGV 75,638- 641- 59- C

BRITISH COLUMBIA

VE7DVV 11,016- 102- 51- B
VE7CTD 30,250- 275- 55- C
VE7EOC 17,836- 182- 49- C
VE7BRU 13,536- 144- 47- C
VE7FG (VE7s CMT,EOM,EOQ,
oprs.)
206,338- 902-113- D
VE7ZZZ (VE7s EMX,EMF,EMI,
EPM,oprs.)
177,970-1369- 65- D

YUKON

VY1AU 7120- 89- 40- C

CHECKLOGS

EA2IA,EA3BSE,EA7LM,CW4BLE,
HA1XO,HA3GJ,HA3HL,HA4XX,
HG1ØØKZC,KØMIA,KA1YS,
KA5OJV,KA6HQW,LA1DBA,LA1WCA,
LA2EG,LA2KD,LA3DB,LA5BS,
LA7ZN,LA8DX,LA9LO,LA9ZV,
LU3DVF,LZ1DB,LZ1YJ,N1BIZ,
N2RS,N5ECM,OH1PY,OH3BU,
OH7YG,OK1AD,OK1US,OK2BJU,
OK3CQD,OM5FV,OZ1EDE,
OZ1FGS,OZ4UR,OZ4ZU,OZ9RL,
PAØRWS,PAØTV,PAØYKZ,
PA3AIK,PA3BDK,PA3BQY,PY2AC,
RA3DPD,RB5GCJ,SM2COR,SM4ASI,
SM4DLS,SM5FBL,SM6AYM,
SM6JNA,SM7DNG,SM7DQH,TI2LO,
UAØLFI,UA1AUA,UA1AWO,
UA1QRU,UA1ZCP,UA3DAT,UA3DGI,
UA3DNK,UA3DUA,UA3MDX,UA3PAZ,
UA3QLC,UA3TBK,UA3TDO,UA3TEW,
UA6APP,UA6LFQ,UA6PCE,UA9FDW,
UA9OEC,UA9XED,UA9XS,UA9YFD,
UB5AEZ,UB5LIE,UB5MDV,UB5UCR,
UB5UGD,UB5UKH,UB5UKO,UB5ZCW,
UC2ACL,UC2LBE,UH8HCN,UK3ABT,
UK4FAX,UK5HAB,UK5ICX,UK5QCI,
UK8MAF,UK8MZZ,UK9UBM,UM8MAZ,
UM8MDE,UP2BEI,UQ2GFU,UR2RNO,
UV3DW,UV3MM,UW3HV,UW4NB,
VK2DID,W1WEF,WBFFM,WB3JZE,
WB6ZLQ,WB8LZR,WD8EOL,
WP4BXF/2,Y21DH,Y22JC,Y24GF,
Y24SK,Y24VF,Y25BL,Y26NL,
Y31PA,Y31ZE,Y37ZC,Y38ZM,
Y41QK,Y44TN,Y44XI,Y45XE,Y48TJ,
Y51WO,Y56YF,Y72VL,YO2CHT