By **Dan Henderson, N1ND**
Contest Branch Manager

Results, 2001 ARRL 10-Meter Contest

Yes, I realize that many aficionados refer to 6 meters as "the magic band" and I don't intend to take anything away from them. Six has a special aura about it, and at times contacts do appear like "magic" on that special band.

Ten meters is popular today for a wide variety of reasons. You may live in an antenna-restricted environment, but there always seems there is a way to sneak up a 10-meter dipole or vertical. Mobile transceivers are more plentiful, and a simple setup in the car opens up the band to thousands of operators. During the past couple of years, we have enjoyed the peak of the current sunspot cycle and a wide range of stations on the air. When the band is open, there always seems to have been good propagation somewhere—and *lots* of folks to work.

All of this came together the weekend of December 15-16, 2001 for the ARRL 10 Meter Contest. A total of 2585 logs were received. Approximately 10.5% of all entries were in the QRP category. This is up 8.5% from 2000 and a strong indication that QRP is alive and well. Low power was the most popular category, at 57.5% and High power was listed by 32% of all entries. Entries were received from 153 different multipliers in the contest.

Mixed Mode

The growing competition in the QRP category resulted in a new overall category record. Fred, KG9X, wrote in his soapbox that this was his "first ever QRP contest entry. [My] goal was to work 100 countries for the new QRP DXCC award. Well, if all Qs hold up, made it with 105!" Good news, Fred—your log held up very well. Fred's entry sets a new Single Operator Mixed Mode QRP category record, with a score of 886,650. On the DX side, Stephan, DL6RDR, brought home top honors—and a new DX Single Operator Mixed Mode QRP record with a score of 509,850.

In the Single Operator Mixed Mode Low Power category, Chad, WE9V, in Wisconsin emerged victorious scoring over 1.5 M points and a new W/VE Category record while Paulo, PV8DX, finished on top of the DX stations with 1,458,688 points,

In the Single Operator Mixed Mode

Ken, WM5R, mugs for the camera before continuing the pile-up that allowed him to place 5th among W/VE stations in the Single Operator Phone Only High Power category from K5TR.

High Power category, the top score overall was posted by Jim, N6TJ, operating as ZD8Z. Though not an overall category record, Jim was able to handily defeat his nearest competitor (and fellow California-based operator) Ken, K6LA, who operated portable from FG, by a score of 3.3 M to 2.86 M.

Bob, KQ2M, once again took top honors in the W/VE SO Mixed High power category from his QTH in Connecticut for the third straight year. Bob missed matching his 2000 W/VE category record by a measly 3280 points. For fun, check out the great battle in Tennessee between N4ZZ and K4RO—QSOs vs mults, with the most mults winning!

Phone Only

There are those who love a challenge, which certainly includes contesting in a QRP Phone category. Jim, K5RX from Texas, related "This was my first time to single op this contest seriously, so I didn't know what to expect." Jim got more than he bargained for, as he ended up at the top of the overall Single Operator Phone QRP category with a W/VE record score of 301,630. From the DX perspective, Pat, F8BON, dominated the SO Phone QRP arena with a score of 168,590.

Single Operator Phone Low power was the most popular single category in the contest, representing a total of 21.5% of all entries. Taking overall top honors in the category in 2001 was Art, N2NB. Operating from his New York/Long Island section QTH, Art posted a score of 744,432—eas-

ily outdistancing the competition. Runner-up was the top DX category score of 626,926 posted by Antonio, CT1DVV.

It is not easy to break the 1 Meg point barrier in the Single Operator Phone High power category. In fact, it has only happened nine times in the last five ARRL 10 Meter contests (1997-2001). No station broke that mark—either W/VE or DX—during the 2001 contest. Coming closest (missing by a minuscule two QSOs) was Pekka, OH1RY, operating from EA8AH, with a score of 999,600. On the W/VE side of the category, Chuck, W5PR, placed first among W/VE stations with a score of 952,798.

CW Only

The Single Operator CW QRP category also saw a W/VE record-setting performance in 2001. Dale, KG5U, one of the hyper-active Texas contest crowd, outgunned the competition with a W/VE record score of 429,024—about 27 k better than his previous record set in the category in 2000. We have almost all heard the call JA1YNE on during a contest. If you worked it during this contest, you were working Atsushi, JR1NKN as the operator. Atsushi took first place among DX stations in the SO CW QRP category with a score of 308,660—the only DX station above the 300 k mark in the category.

Dan, K1TO, tried another run at the CW Low Power category again this year. When the final results were in, Dan was challenged, but not beaten. As in the 2000 contest, Dan was the only operator in this class above 1 meg. His score of 1,028,600 from his Florida QTH was not quite as high as last year but was plenty good to fight off all challengers—W/VE or DX. On the DX side, ZP6M with Rasa, YU1RL, at the key was the frontrunner with 966,528 points.

The Single Operator CW High power category saw the top W/VE and top DX entrants finish within a couple thousand points of each other. Tom, K1KI, set a new W/VE mark from Connecticut with a score of 1,511,048. DX winner Bruce, ZF2NT, trailed Tom by only 2620 points at 1,508,428. Bruce had the highest QSO total of any of the CW-only entrants, while Tom had the highest multiplier count.

Multioperator

Multioperator stations are always fun—and present their own set of challenges. Four stations broke the 2.5 megapoint mark in 2001. Congratulations go to N9RV (IN), KVØQ (CO) and N2NT (NJ) for placing 1-2-3 in the W/VE standings. Less than 23 k points separated first from third in the category. Higher point value CW QSOs also made the difference in the DX Multioperator competition. The top DX multi, LT1F, placed fourth overall, with a score of just over 2.5 M.

Affiliated Club Competition

The Affiliated Club Competition saw a category with a heated battle and a close finish, one with a runaway winner, one with a strong effort by both clubs and lots

of fun and participation. A total of 727 entries from US participants submitted logs with scores to be credited toward a club's total.

The Society of Midwest Contesters again battled the Potomac Valley Radio Club in the Unlimited Club category. SMC emerged with just over 30 million points for the win, about 2 million ahead of PVRC. Seven clubs posted scores of over 10 million points in the Medium Club Category. In the end, the Yankee Clipper Contest Club edged out the Florida Contest Group by less than a meg—17,959,348 to 17,189,872. In the Local Club Category, the decision was "nolo contendre" as the Hudson Valley

Contesters and DXers overwhelmed the competition with 4,525,390 points to runner-up West Valley Amateur Radio Association's 1,929,598.

Be sure to visit the ARRL Contest Results Online site at **www.arrl.org/contests/results**. There you will find an expanded version of the results, additional sidebar information, photographs, and a user-searchable database of the contest's final results.

During the height of the sunspot cycles, the ARRL 10 Meter Contest has proven to be among the most popular operating events. The band may be losing some of its magic (after all, we are on the downside of the current sunspot cycle), but there should still be some exciting propagation for the 2002 event. Tune in December 14-15 and work everyone you hear! Who knows what rabbits may pop out of the hat as you search for new opportunities on this special band?

Top Ten, W/VE

Mixed Mode, QRP

KG9X	886,650
NØKE	615,832
K6XX	565,060
WA8ZBT	379,832
N2CU	369,472
WA7LNW	367,812
WA6FGV	312,816
KØPC	298,832
W4DEC	271,200
K1EPJ	262,816

Mixed Mode, Low Power

WE9V	1,520,610
W1HR	1,434,720
W7UQ	1,359,150
(KL9A, op)	
VX5UF	1,354,500
NØAT	1,351,336
KØOB	1,128,064
KD2RD	1,110,112
VE5SF	997,904
AA6PW	960,400
WO4O	937,720

Mixed Mode, High Power

KQ2M	2,743,884
K9NW	2,374,848
W9RE	2,343,780
K3ZO	2,287,520
VX6JY	2,246,508
(VE6WQ, op)	
WC4E	2,195,100
VX7CC	2,168,716
W2RE	2,058,110
K6AM	2,053,558
N8OO	1,997,456

Phone Only, QRP

K5RX	301,630
W7YA	182,528
WAØVBW	168,990
W7PE	136,348
KKØQ	112,918
W4TD	111,720
AB2IW	95,256
W6QU	71,820
(W8QZA, op)	
AA2VK	66,690
N8WL	57,594

Phone Only, Low Power

N2NB	744,432
W7ZR	536,364
ACØW	472,472
W9XG	447,552
(K2DRH, op)	
N4OX	441,464
KTØDX	399,052
N1SV	388,884
W3ZZX	349,952
K4XDX	340,824
KT3RR	334,788

Phone Only, High Power

W5PR	952,798
K4XS	886,424
W7EJ	837,380
K7RI	833,712
K5TR	802,944
(WM5R, op)	
VG5DX	738,090
W1SJ	721,648
N2BJ	692,750
N1IC	691,164
WØETC	690,384

CW Only, QRP

KG5U	429,024
NØUR	385,728
N7OU	362,792
K5WO	350,060
N9NE	339,040
W6JTI	338,360
K7MM	309,872
K7RE	296,100
AA1CA	247,280
W9WAQ	178,308

CW Only, Low Power

K1TO	1,028,600
WE1USA	957,312
(WA1LNP,op)	
N4ZI	802,788
K1VUT	734,944
NY3A	732,028
VA3RU	729,504
K5KA	728,576
WQ5W	715,140
N5DUW	695,960
K3FT	694,536

CW Only, High Power

K1KI	1,511,048
W4ZV	1,416,064
K2VV	1,344,440
W6EEN	1,279,016
(N6RT, op)	
W4AN	1,268,436
(K4BAI, op)	
KR1G	1,243,584
WØSD	1,237,236
(WØDB, op)	
W1WEF	1,227,448
VA3UZ	1,224,308
K7GM	1,181,952

Multioperator

N9RV	2,533,496
KVØQ	2,515,716
N2NT	2,510,748
NX5M	2,445,518
K1SE	2,429,232
WØAIH	2,396,672
W4MYA	2,381,760
KH6ND	2,376,682
N5YA	2,337,600
W4MR	2,115,564

Top Ten, DX

Mixed Mode, QRP

DL6RDR	509,850
OK2PP	424,352
JA2AXB	288,684
OK2VWB	232,432
9A2EY	167,552
DL1DQY	156,978
RV3QX	130,900
F8CED	126,084
OK2WTM	119,652
YU1LM	99,756

Mixed Mode, Low Power

PV8DX	1,458,688
EA7GTF	1,142,848
EI5DI	1,025,200
ER6A	863,902
(ER1LW, op)	
YU1OJ	822,160
RD4M	814,368
LZ9W	772,664
RZ4FA	755,298
RA1ACJ	698,168
ZL1TM	657,980

Mixed Mode, High Power

ZD8Z	3,337,668
(N6TJ, op)	
FG/K6LA	2,860,560
JY9NX	2,291,058
(JM1CAX, op)	
OK1RF	1,757,970
UA2FB	1,505,560
JA8RWU	1,468,698
OM5M	1,430,094
(OM3BH, op)	
HA6NF	1,384,620
S5ØK	1,382,500
RK4FF	1,346,110

Phone Only, QRP

F8BON	168,590
LU1VK	113,014
LT2D	93,252
(LW3DX, op)	
S57MSU	87,720
RK9KWB	56,448
(UA9KGH, op)	
US5WDL	54,032
G3FNM	36,900
SP5XMU	34,602
RA3DGH	23,920
SV1DZB	13,500

Phone Only, Low Power

CT8T	626,924
(CT1DVV, op)	
TF8GX	528,808
VP5AZ	520,982
(KN4UG, op)	
ZX2B	420,300
(PY2MNL, op)	
9A1P	401,962
LU4DX	400,724
G3VAO	372,650
WP4BV	367,770
GØAEV	364,000
F5TDK	333,878

Phone Only, High Power

EA8AH	999,600
(OH1RY, op)	
TI5N (AC8G, op)	
	966,736
TM5C	856,044
GM4YXI	836,022
LX1NO	707,232
HR3J	699,696
(JA6WFM, op)	
TM2V	697,318
(F6GLH, op)	
DL2ARD	666,496
I4UFH	658,260
ZF2AH	625,944

CW Only, QRP

JA1YNE	308,660
(JR1NKN, op)	
F5PTM	265,608
CT1ETE	250,860
SP5DDJ	219,780
JA2IU	171,304
OMØTT	130,400
RA1OZ	130,220
OM7PY	126,400
HG4I	121,176
UAØKCL/3	115,940

CW Only, Low Power

ZP6M	966,528
FM/G3SQX	654,360
OT1H	585,732
(ON5YR, op)	
C6A/W9AU	583,440
CX9AU	552,288
JF1SQC	548,340
4Z5AX	541,448
IK7JWY	529,740
EU1DX	522,600
OM6T	522,500

CW Only, High Power

ZF2NT	1,508,428
GM3POI	1,086,016
9A3GW	1,061,456
LX5A	1,054,208
(HA1AG, op)	
A61AJ	989,456
JH3AIU	935,788
OD5/OK1MU	896,480
JH1AEP	705,372
F6BEE	646,272
ZL6QH	613,080
(ZL2BSJ, op)	

Multioperator

LT1F	2,500,932
VP5DX	2,411,920
CX5BW	2,232,890
CT3EE	2,164,620
OQ1T	2,025,824
RU1A	1,989,952
M5X	1,986,468
TK5T	1,963,116
PJ2T	1,808,708
DL6RAI	1,719,062

Affiliated Club Competition

Score *Entries*

Unlimited Category

Society of Midwest Contesters	30,517,922	96
Potomac Valley Radio Club	28,416,164	65

Medium Category

Yankee Clipper Contest Club	17,959,348	50
Florida Contest Group	17,189,872	30
Frankford Radio Club	16,459,666	29
Minnesota Wireless Assn	15,194,392	37
Northern California Contest Club	13,651,286	29
Mad River Radio Club	10,545,668	23
Tennessee Contest Group	10,142,474	25
Southern California Contest	8,455,832	13
South East Contest Club	6,661,174	21
Willamette Valley DX Club	5,909,066	12
Grand Mesa Contesters	5,652,450	12
Central Texas DX and Contest	5,403,728	8
Western Washington DX Club	5,240,332	9
North Texas Contest Club	5,220,936	8
Southwest Ohio DX Assn	5,150,170	4
Kentucky Contest Group	3,829,012	10
Texas DX Society	3,416,286	7
Magnolia DX Assn	3,115,484	4
Order of Boiled Owls	2,890,944	6
Kansas City DX Club	2,409,756	4
North Coast Contesters	1,767,284	5
Rochester (NY) DX Assn	1,535,158	7
Bay Area Wireless Assn	1,215,024	5
Green River Valley ARS	1,172,672	4
Northern Arizona DX Assn	1,083,284	4
Lincoln ARC	1,039,168	4
AK-SAR-BEN	997,080	4
Central Arizona DX Assn	711,000	3
Schenectady ARA	646,944	3
Carolina DX Assn	580,444	4
Bergen ARA	473,066	9
Eastern Iowa DX Assn	404,070	3
Mother Lode DX/Contest Club	390,220	3
West Park Radiops	354,116	3
Northrop Grumman Radio Club	286,540	4
Holiday City ARC	186,482	5
Six Meter Club of Chicago	161,886	5
Poughkeepsie ARC	84,898	3

Local Category

Hudson Valley Contesters & DXers	4,525,390	5
West Valley ARA	1,929,598	5
River City Contesters	1,738,530	6
Florida Contest Club	1,274,040	3
Utah Contest Club	1,201,196	4
American Red Cross Emergency	436,098	3
Medina 2 Meter Group	433,020	3
Columbia-Montour ARC	330,096	6
Loudoun ARG	297,094	5
Sterling Park ARC	290,364	4
Northern New York Contest Club	271,086	3
Athens County ARA	107,702	5
10-70 Repeater Assn	68,002	3
Meriden ARC	62,922	5
Williamsburg Area ARC	52,242	3

Scores

Scores are listed by DXCC Countries and ARRL/RAC Sections. Line scores list call sign, score, QSOs, multipliers, class (A = Mixed Mode, B = Phone only, C = CW only, D = Multioperator), and power (A = QRP, B = Low Power, C = High Power).

Africa

Tunisia
3V8BB   280,502 1017 139 B B

Nigeria
5N8BRC (UA3AGW, op)
45,600 182 76 A B

Zaire
9Q0AR (F6BLQ, op)
539,560 1955 140 B C
9V1UV   30,240 271 56 B C

Madeira Islands
CT3KU   49,468 244 83 A B
CT3BD   233,376 872 136 B B
CQ3T (CT3KN,CT3KY, ops)
667,680 1127 208 D B
CT7A (CT1GFK and ops)
1,012,650 1682 215 D C

Canary Islands
EA8/DJ1OJ
61,380 180 93 A B
EA8AH (OH1RY, op)
999,600 2956 170 D C
EA8/SM6CUK
21,208 107 51 C A
EA8CN 103,596 270 97 C B
EA8/DL5XL
6,032 52 29 C B

Ascension Island
ZD8Z (N6TJ, op)
3,337,668 3874 278 A C

South Africa
ZS1NF   98,368 263 116 A B
ZS5NK 154,812 686 114 B C
ZS6HO   2,200 44 25 B C
ZS5RON 79,200 274 75 C B

Asia

Israel
4Z5FL/M   6,816 71 48 B B
4Z5AX 541,448 1290 106 C B
4Z5OL   64,120 229 70 C B

Kuwait
9K9Z 616,680 2303 135 C C
9K9O (9K2RR, op)
322,620 855 95 C B

United Arab Emirates
A61AJ 989,456 1870 134 C C

Kyrgyzstan
EX2M 936,856 1862 181 A C
EX8MIO 109,674 683 81 B B
EX2T 213,622 1042 103 C B

Turkmenistan
EZ3A   7,400 99 37 A B

South Korea
HL5UOG   80,190 258 81 A B
HL1/WX8C 52,080 174 93 A B
HL3AMO   8,820 85 42 A B

Japan
JA2AXB 288,684 550 162 A A
7K2PBB   6,800 62 34 A A
JN2FSE   5,576 49 34 A A
JH7XMO 637,686 1129 189 A B
JH5OXF 418,984 730 166 A B
JA0FVU 313,252 659 142 A B
JH6WHN 208,080 484 136 A B
JA2BQX 181,500 452 150 A B
JG3NKP 168,072 327 141 A B
JF3KQA 159,120 340 130 A B
JA1XRH 136,500 323 125 A B
JA3PYC 129,444 306 134 A B
JM2RUV   98,888 363 82 A B
JR4PMX   93,252 253 114 A B
JH0IXE   64,372 234 77 A B
JA2QVP   61,884 212 81 A B
JA9XBW   56,550 293 75 A B
JA1XUY   30,248 135 76 A B
JA1RRA   20,276 115 74 A B
JA1XPU   16,016 97 56 A B
JF2SKV   13,886 85 53 A B
JQ1AHZ   13,000 119 50 A B
JG4DDN   9,652 66 38 A B
JA1EMQ   3,410 46 31 A B
7K1SLY   3,024 58 27 A B
7N1BHO   1,500 31 15 A B
JE3UHV   400 13 10 A B
JA8RWU,1,468,698 2070 231 A C
JA1CG 341,330 1137 145 A C
JA1HP 290,752 558 154 A C
JF2FIU   92,344 301 119 A C
7J1ABD   20,764 112 58 A C
JH8DHV   11,726 106 41 A C
JL3VUL   78,300 450 87 B B
JH1UUT   67,116 357 94 B B
JR3RIY   63,000 352 90 B B
JG2REJ   55,752 303 92 B B
JA6EFT   52,780 290 91 B B
JG4OOU   48,140 290 83 B B
JM1GHT   43,688 258 86 B B
7N2UQC   41,328 257 82 B B
JA2GHP   33,852 221 78 B B
JE7DOT   33,696 234 72 B B
JR1MRG   28,712 195 74 B B
JA1ALX/9   28,500 190 75 B B
JA1GYO   25,842 178 73 B B
JH1CML   16,074 141 57 B B
JH1RMH   15,372 126 61 B B
JA2KPW   12,862 111 59 B B
JA6QDU   11,872 107 56 B B
JA3PYH   6,396 82 39 B B
JI8BUR   6,364 88 37 B B
JR3CVO   5,772 74 39 B B
JE1GZB   3,696 56 33 B B
JE1PJR   3,510 65 27 B B
JK7DWD   2,296 42 28 B B
JH3OXM   2,240 40 28 B B
JA1IZ   1,584 33 24 B B
JR3CVJ   714 21 17 B B
JH1TUX   588 22 14 B B
JK1BII   560 20 14 B B
JA1AAT   144 9 8 B B
JG1GCO   50 5 5 B B
JA7NVF 381,178 1456 133 B C
JR1UJX 134,520 715 95 B C
JH2AVO   78,792 406 98 B C
JA3WFQ   494 19 13 B C
JA1YNE (JR1NKN, op)
308,660 675 115 C A
JA2IU 171,304 435 98 C A
JA9MAT   66,600 227 75 C A
JA5CDL   26,840 128 55 C A
JJ6WYS   8,120 58 35 C A
7K1CPT   3,280 41 20 C A
JF1SQC 548,340 1242 111 C B
JI1RXQ 473,536 1066 112 C B
JR7ZIT (JQ1UKK, op)
448,224 972 116 C B
JH1AZO 413,888 922 116 C B
JO3JYE 412,476 946 111 C B
JI7NUF 361,580 902 101 C B
JR7OMD 282,480 655 110 C B
JN1NOP 226,080 635 90 C B
JA5ATN 222,892 545 103 C B
JA3YPL (JJ3TBB, op)
200,506 104 C B
JA2CXF 178,920 428 105 C B
JA1NLX 177,120 500 90 C B
JH0SDA 173,184 512 88 C B
JA2KKA 159,980 421 95 C B
JI1HFJ 126,248 375 86 C B
JA1CP 110,424 331 86 C B
JA6CYL 107,088 295 92 C B
JG2TKH   83,664 260 84 C B
JA4AQR   81,168 233 89 C B
JA4BAA   81,000 225 90 C B
JP1SRG   77,080 246 82 C B
JA7ARW   76,212 260 73 C B
JH6OPP   60,984 199 77 C B
JK3GWT   58,236 214 69 C B
JH0NVX   56,560 204 70 C B
JH7QNG   56,160 202 72 C B
JJ4PPK   49,140 189 65 C B
JA0BMS/1   46,080 180 64 C B
JA3DAY   43,740 138 81 C B
JO1QZI   41,756 143 73 C B
JA0XZD   36,952 150 62 C B
JA3BQC   32,208 132 61 C B
JH0EPI   28,080 130 54 C B
JK1KFO   27,636 148 47 C B
JI1EFP   24,288 142 44 C B
JH2NWP   23,760 138 44 C B
JA1AZS   23,320 110 53 C B
JA0IOF   21,600 109 50 C B
JN7OJA   19,600 100 49 C B
JF7GDF   18,988 101 47 C B
JH1NXU   18,612 99 47 C B
JO1WIZ   17,444 89 49 C B
JH3LFL   15,960 100 42 C B
JQ1COB   12,956 87 41 C B
JA1BCP   12,780 71 45 C B
JA3RK   12,320 81 40 C B
JK8NLB   10,880 71 40 C B
JR2TMB   7,776 56 36 C B
JJ4CDW   7,072 52 34 C B
JR3NDM   5,452 53 29 C B
JA4AKV   1,680 30 14 C B
JA0GZ   900 25 9 C B
JO1CRA   560 14 10 C B
JA3LZC   156 13 3 C B
JH3AIU 355,188 1776 133 C C
JH1AEP 705,372 1384 129 C C
JI1ACI 503,500 1164 113 C C
JA0QWO 390,280 895 110 C C
JA5APU 269,280 684 102 C C
JA9CWJ 248,240 586 107 C C
JI1CQA 181,600 460 100 C C
JA1PS 154,380 415 93 C C
JH7CJM   44,496 206 54 C C
JH4UTP (+packet)
1,075,704 1624 228 D C
JA3ZML
(JI3NST,JK3HZH,JH0XUP,ops)
506,920 811 190 D C
JA2YKA (JI4RDO,JN2FMH,ops)
238,944 565 152 D C
7L4IOU (+packet)
83,536 468 92 D C

Jordan
JY9NX (JM1CAX, op)
2,291,058 2895 261 A C

Lebanon
OD5/OK1MU
896,480 1729 130 C C

Turkey
TA5FA   17,316 223 39 B C
TA3J   32 4 4 B C

Asiatic Russia
RZ9IB   44,220 223 67 A A
RG9O (RZ9OU, op)
649,980 1405 157 A B
UA9CI 537,864 1197 146 A B
UA9HN 193,242 574 107 A B
UA9OSV   81,844 350 74 A B
UA9OUB   58,220 293 71 A B
UA9AX   28,730 114 85 A B
UA9CDV 855,044 1459 181 A C
UA9MA 776,650 1475 175 A C
RK9CZO (RX9CAZ, op)
774,528 1286 192 A C
UA9CLB 768,060 1359 170 A C
UA0AMW 452,758 1051 143 A C
RA0BA 442,860 1052 121 A C
UA9CKS   14,280 95 42 A C
RK9KWB (UA9KGH, op)
56,448 445 64 B A
UA9YAB 215,424 1092 99 B B
RA9FLW 145,728 766 96 B B
RA9FRD   93,760 593 80 B B
UA0IV   192 12 8 B B
RS0F (UA0FZ, op)
1,350,681 1269 140 B C
RV0AR 150,672 883 86 B C
RA9WW   83,824 340 62 C C
RZ9CX   44,304 214 52 C A
RV9COI   3,780 46 21 C A
RU0LL 296,640 728 103 C B
UA9OA 230,100 767 75 C B
RA0FN 181,440 546 84 C B
UA0ACG 179,140 706 65 C B
RX9FB 153,192 495 78 C B
RA9XF 152,592 569 68 C B
RW9QA 128,936 458 71 C B
UA9AB 127,764 351 91 C B
RV9WZ 111,440 401 70 C B
RW0LZ   88,740 264 85 C B
UA9APA   47,040 171 70 C B
UA9XC   44,916 198 57 C B
UA0LMO   20,116 110 47 C B
RZ3AZ 504,320 994 128 C C
UA9MC 178,488 609 74 C C
UA0LS 171,120 472 93 C C
RT9W (RU9WX,RX9WR,RW9WW,
RW9WY,RA9WR,ops)
1,187,100 1675 225 D C
RZ9AWK (RA9-24CB,RA9-28CB,
RZ9AE,UA9AFS,ops)
264,100 658 139 D C

Kazakhstan
UN6P 623,410 1318 155 A B
UQ1D   61,180 750 80 B B
UN6G 175,344 566 78 C B

UK Sov. Base Areas on Cyprus
ZC4BS 404,820 904 130 A B
ZC4DW 301,104 741 102 C B

Europe

Croatia
9A2EY 167,552 443 112 A A
9A4W 526,040 1510 145 A C
9A6DM 159,768 528 126 A C
9A1P 401,962 1346 151 B B
9A3VM 519,552 1074 123 C B
9A3CY   89,600 283 80 C B
9A3GW 1,061,456 1807 148 C C

Andorra
CT3EE (DK1BT,DL3DXX,ops)
2,164,620 2850 258 D C

Portugal
CT1AOZ 378,480 802 190 A C
CT8T (CT1DVV, op)
626,924 2163 146 B B
CT1ETE 250,860 560 113 C A
CT1FNT   34,528 172 52 C A
CQ2T (CT1FAC,CT2FUN,CT2FVL,
CT2GDF,ops)
225,148 946 119 D C

Azores
CU2AF 233,020 976 122 B B

Fed. Rep. of Germany
DL6RDR 509,850 725 225 A A
DL1DQY 156,978 302 153 A A
DL1ARJ   51,192 200 79 A A
DL1DRD   6,580 52 47 A B
DF5RF   1,292 22 17 A B
DK2OY 817,190 1316 209 A C
DL1WA 467,526 785 201 A C
DM3ML 125,208 309 148 A C
DK1MM 212,160 821 130 B B
DL7UIO   47,040 249 96 B B
DF7YU   20,672 154 68 B B
DH8AF   15,872 125 64 B B
DL4RCK   14,880 126 60 B B
DL8DXL   6,786 87 39 B B
DL1HSR   3,136 49 32 B B
DL8SDI   2,744 49 28 B B
DL2ARD 666,496 2041 164 B C
DF3KV 497,640 1574 143 B C
DL4MCF 454,440 1627 140 B C
DJ3HJ 292,056 1132 129 B C
DF1LON 245,474 888 139 B C
DH8BQA 184,464 739 126 B C
DL5ME 118,080 825 72 B C
DL0TS (DF7ZS, op)
90,524 432 106 B C
DL9ZWG   1,408 32 22 B C
DM3XI   38,060 179 55 C A
DL1LAW   20,880 152 36 C A
DL1CW 202,464 450 114 C B
DL8MUG 113,076 352 81 C B
DL2RUG   99,560 312 80 C B
DL9ABM   74,128 227 82 C B
DL3YEI   48,416 179 68 C B
DF5ZV   42,228 155 69 C B
DL2LRT   38,776 133 74 C B
DL1TH   33,984 152 59 C B
DL4JYT   4,800 60 20 C B
DL2ZAV   3,900 40 25 C B
DK3KD 494,088 1057 119 C C
DL1JF 292,100 648 115 C C
DL6KVA 180,744 445 102 C C
DJ2QV 100,696 307 82 C C
DK7ZT   49,136 166 74 C C
DL0DX   5,168 48 19 C C
DL6RAI (+packet)
1,719,062 2068 277 D C
DF9ZP (+DK8ZB)
1,686,930 2319 277 D C
DL7AOS (+DL9SFB)
118,800 471 120 D C

Spain
EA7GTF 1,142,848 1763 224 A B
EA5URP 579,336 882 202 A B
EA7AKJ 267,380 506 145 A B
EA3EFQ   63,558 242 107 A B
EA3KT   46,230 192 115 A B
EA2CR   28,324 102 73 A B
EA7GSU   16,225 104 59 A B
EA3AAW   1,008 24 21 A B
EA7NK 533,548 1140 181 A C
EA1HF 378,360 706 180 A C
EA4ABW   45,690 69 55 A C
EA3CI 217,728 868 126 B B
EA1FDI 162,604 696 118 B B

England

F5KEQ (F5LMJ,F6GIN,ops)
105,196 288 119 D C

England
G0WMW 361,896 617 204 A B
G0MTN 128,380 316 131 A B
G4EDR   19,456 100 76 A B
GM4UYZ   10,176 95 48 A C
G3ORY 781,728 1283 204 A C
G4IUF 100,300 301 85 A C
G3FNM   36,900 250 75 B A
G3VAO 372,650 1292 145 B B
G0AEV 364,000 1306 140 B B
M/N2FF   1,428 34 21 B B
G4OJH 378,358 1377 139 B C
G3VMY   84,660 269 83 C A
G3RSD 273,280 620 112 C B
G3KKP 266,560 548 122 C B
M0CFW (JK3GAD, op)
252,968 621 103 C B
G3ZRJ 169,680 421 101 C B
G3TJE 161,160 397 102 C B
M5AMD   62,856 198 81 C B
M4T (G0VQR, op)
62,832 242 66 C B
G4ZME   48,888 193 63 C B
G3JKY   25,676 131 49 C B
G2QT 237,148 605 101 C C
G4BUO 153,600 401 96 C C
G3TXF   96,832 273 89 C C
G4BJM   91,168 298 77 C C
M5W (M0QEYO,G0EYO,G4TSH,ops)
74,778 363 103 D B
M5X (G0IVZ,G4TSH,ops)
1,986,468 2057 298 D C
M2V (M0TTT,M5ZAP,ops)
1,339,712 1820 242 D C
G5X (G4RCG,G3GWY,G0RUZ,ops)
1,151,016 1721 241 D C
G3SSO (G0HVQ,G3LVP,ops)
203,072 537 152 D C

Northern Ireland
GI0OUM   13,970 127 55 B C

Scotland
GM4YXI 836,022 2636 159 B C
GM3POI 1,086,016 1919 142 C C
GM3CFS 256,932 549 117 C C
MM7I (MM0ERK,GM4AFF,ops)
725,904 1360 213 D C
GM2T (MM0CLN,MM0CCC,
GM4ZRR,ops)
679,780 1023 205 D C
MM0BQI (+packet)
101,920 288 130 D C

Guernsey
GU4YOX   28,028 145 49 C C

Wales
MW5EPA 127,012 574 113 B B
GW0AJI   49,612 314 79 B B
GW3KJN   81,648 244 84 C B
GW3NJW 548,000 1108 225 C C
GW7X (GW4BLE,GW0RYT,ops)
625,260 1813 170 D C

Hungary
HG5Z   18,576 132 43 A A
HG8W 518,756 869 191 A B
HA7PL 399,840 672 196 A B
HA6NF 1,384,620 1720 282 A C
HA5ORK   12,600 140 45 B A
HA8CQ   9,144 127 36 B B
HG4I 121,176 328 99 C A
HA8FK 411,136 813 128 C B
HA1ZH   46,104 235 51 C B
HG5C (HA5LV,HA5MA,HA5MO,
HA5WE,HA7JJS,ops)
940,612 1387 226 D C

Switzerland
HB9DCM 323,164 618 173 A B
HB9YC 311,112 784 149 A B
HB9ACA   97,020 498 98 B C
HB9IAL   43,596 182 63 C A
HB9AYZ   26,840 122 55 C A
HB9ARF 341,172 730 117 C B
HB9DOT   66,832 273 89 C C
HB9EP (HB9DOS,HB9DQP,HB9DOM,
HB9FBL,ops)
216,016 552 141 D C

Italy
IC8CQF 378,760 800 170 A B
IK2QPR 326,032 729 164 A B
IK2AIT   21,228 117 74 A B
IK3SCB   4,624 62 34 A B
IK1TWC   12,896 129 52 B A
IK5WGK   9,396 87 54 B A
IZ5CML 152,712 610 126 B B
IZ4AFW   83,160 390 108 B B
IT9VCE   71,302 466 77 B B
IK7RVY   55,776 332 84 B B
I8UZA   49,784 256 98 B B
IK0BAL   47,502 273 87 B B
IZ4DJZ   20,296 176 59 B B
IK2WFN   3,850 56 35 B B
I4UFH 266,820 2087 159 B C
IK6GPZ 184,710 710 131 B C
IT9ZMX 114,680 481 122 B C
IZ6CST   34,860 249 70 B C
IZ4DYQ   28,140 210 67 B C
IZ0BNR   18,544 152 61 B C
IZ5DKF   72,324 84 43 B C
IK7JWY 529,740 990 135 C C
IT9GXE   2,880 36 20 C B
IK0YVV 536,536 1012 134 C C
IZ3ALF 377,600 808 118 C C
IK2AHB 147,568 407 92 C C
IT9BLB 103,968 403 86 C C
IK2NCJ (+IK2JUB,IK2PFL,IK2FIL,ops)
1,202,034 1560 267 D C
IK4VET (+IK4ALM,IK4HLQ,IK4RQJ,
IK4XCL,IK2600,IF13,logger)
879,814 1318 247 D C
I2SVA (+packet)
627,912 887 243 D C

From September 2002 QST © ARRL

IT9GAC (+IT9EJW,IT9TPJ,IW9FY)
374,272 678 172 D C

Sardinia
Call	Score	QSOs	Mult		
ISØOMH	29,796	191	39	C	B

Norway
Call	Score	QSOs	Mult		
LA8OM	253,080	498	148	A	B
LA6PB	114,056	319	106	A	B
LA8SDA	1,181,760	1620	240	C	B
LA5JX	88,992	432	103	B	B
LA9TY	960	25	20	B	B
LA6YEA	393,210	1292	153	B	C
LA1YE	293,712	636	116	C	B
LA9DK	10,640	72	38	C	B

Luxembourg
Call	Score	QSOs	Mult		
LX1NO	707,232	2231	159	B	C
LX5A (HA1AG, op)	1,054,208	1865	142	C	C

Lithuania
Call	Score	QSOs	Mult		
LY2FN	412,566	632	209	A	B
LY7Z (LY2TA, op)	1,216,292	1675	242	A	C
LY2CY	1,130,976	1479	238	C	C
LY3CY	9,360	105	45	B	B
LY5A (LY3MM, op)	513,010	1789	145	B	C
LY2BVB	9,588	94	51	B	C
LY2MM	70,956	244	73	C	B
LY3BA	56,028	204	69	C	B
LY2BBF	7,280	56	35	C	B
LY1CX	503,808	985	128	C	C
LY2OX	412,528	881	118	C	C

Bulgaria
Call	Score	QSOs	Mult		
LZ9W	772,664	1130	236	A	B
LZ2GS	243,750	401	195	A	B
LZ2JE	238,244	517	158	A	B
LZ1HB	134,176	605	112	B	B
LZ2MP	17,600	111	40	C	A
LZ2LDS	98,172	303	81	C	B
LZ1EP	31,920	140	57	C	B
LZ2PL	502,272	993	128	C	C
LZ2RF	15,836	107	37	C	C

Austria
Call	Score	QSOs	Mult		
OE2M (OE2WPO, op)	61,740	206	90	A	B
4U1VIC (JH4RHF, op)	878,508	1552	207	A	C
OE2S (OE2LCM,OE2MON, OE2VEL,ops)	1,551,792	2039	264	D	C

Finland
Call	Score	QSOs	Mult		
OH4XX	520,536	1052	164	A	C
OH2BPA	45,100	275	82	B	B
OG3R (OH3TY,op)	3,840	60	32	B	B
OH4R (OH4JFN, op)	97,410	575	85	B	C
OH3XR	92,700	314	75	C	A
OH2EJ	85,244	211	101	C	B
OH6RC	76,368	221	86	C	B
OH3IR	34,456	148	59	C	B
OH2PM	307,248	697	111	C	C
OH1BOI	157,664	382	104	C	C
OH6QU (+packet)	439,928	873	127	D	C

Czech Republic
Call	Score	QSOs	Mult		
OK2PP	424,352	720	178	A	A
OK2VWB	232,432	507	146	A	A
OK2WTM	119,652	303	118	A	B
OK1AIJ	18,900	117	54	A	A
OK1DVK	43,380	150	90	A	B
OK1FCJ	42,192	158	72	A	B
OK1RF	1,757,970	2321	255	A	C
OK2FD	794,728	1182	242	A	C
OK1VBA	45,036	163	81	A	C
OL5Z (OK1CDJ, op)	181,780	749	122	B	B
OK1KDT	117,072	548	108	B	B
OK1CJN	34,200	237	75	B	B
OK2BRX	25,024	184	68	B	B
OK1EI	20,880	180	58	B	B
OK1CYC	20,400	153	68	B	B
OK1TRM	10,914	114	51	B	B
OK2PPM	8,160	102	40	B	B
OK1DZR	278,058	1171	121	B	C
OK1HX	393,108	802	123	B	C
OK1GI	309,760	654	121	C	C
OK2MBP	297,360	635	118	C	B
OK2HI	137,180	360	95	C	B
OK2PBG	69,720	210	83	C	B
OK2BND	65,604	215	77	C	B
OK2BNC	44,928	156	72	C	B
OK1VD	39,360	167	60	C	B
OK1FHI	35,152	172	52	C	B
OK1DKM	34,720	138	62	C	B
OK2TCW	21,528	119	46	C	B
OK1FPG	13,920	89	40	C	B
OK2PDT	386,712	792	123	C	C
OK1AOV	301,056	594	128	C	C
OK1AES	244,620	490	115	C	C
OK1ARN	172,608	468	93	C	C
OK1OX	141,680	388	92	C	C
OK1AOU	62,160	222	70	C	C
OK1CF (+packet)	717,324	1218	226	D	C
OK6A (OK2CMW,OK2MTW,OK2PSE, OK2INW,ops)	269,276	618	163	D	C

Slovakia
Call	Score	QSOs	Mult		
OM5NL	185,120	386	147	A	B
OM7JG	175,968	375	144	A	B
OM7IR	15,840	86	55	A	B
OM5M (OM3BH, op)	1,430,094	1984	241	A	C
OM3PC	961,248	1589	152	A	C
OM3YK	233,892	181	166	B	B
OMØTT	130,400	326	100	B	B
OM7PY	126,400	320	100	C	A
OM6T	522,500	1059	125	C	C
OM4XA	163,620	418	101	C	B
OM7VF	74,784	260	76	C	B
OM1AW	59,724	199	79	C	B
OM7AT	31,096	169	46	C	B
OM7YC	20,680	119	47	C	B
OM8AG	2,080	53	10	C	B

Belgium
Call	Score	QSOs	Mult		
OQ4UW	168,480	516	144	A	B
OQ4CAS	107,100	342	119	A	B
ON6LY	8,216	78	52	A	B
ON6DJ	196,326	846	117	B	B
ON5CZ	1,200	40	15	B	B
OT1H (ON5YR, op)	585,732	1114	133	C	C
OQ6CW	237,120	493	120	C	B
ON4XG	206,928	479	108	C	B
OQ6TJ	127,224	347	93	C	B
OQ5ZO	64,480	252	65	C	B
ON4LDP	49,140	190	65	C	B
ON4KVA	10,080	73	36	C	B
OQ1T ON4UN	2,025,824	2327	296	D	C
OO1Z (ON5XX,ON4AMX,ON7GB, ON4CGY,ON5UR,ON6NP,ON2MRT,ops)	1,141,720	1924	230	D	C
OT1N (ON2VS,ON5PU,ON6LY, ON6UQ,ON7TQ,ON7YX,ops)	683,984	1151	217	D	C

Faroe Islands
Call	Score	QSOs	Mult		
OY1CT	362,304	894	102	C	C

Denmark
Call	Score	QSOs	Mult		
OZ1JVX	42,282	265	81	B	B
OZ5EV	60,500	275	110	B	B
OZ8AE	110,040	287	91	C	B
OZ1BMA	103,488	315	84	C	B
OZØRS	66,172	233	71	C	B
OZ5UR	48,960	204	60	C	B
OZ4FF	14,136	92	38	C	B
OZ4OC	20,296	122	43	C	B
OZ9MM	5,808	49	33	C	B
OZ5ESB (OZ1INN,OZ4AFQ,ops)	270,600	1103	123	D	C

Netherlands
Call	Score	QSOs	Mult		
PA3AAV	239,364	516	122	A	B
PAØLSK	122,262	339	123	A	B
PA3FDO	441,216	728	192	A	C
PAØJNH	164,430	389	145	A	C
PA9TT	21,240	181	60	B	B
PA1PAT	7,800	100	39	B	B
PA3DCU	6,278	73	43	B	B
PA3DVA	1,344	35	21	B	B
PA9KT	499,240	1795	140	B	C
PA1AW	246,168	528	117	C	B
PAØRRS	167,616	435	97	C	B
PA3BFH	110,004	309	89	C	B
PA3BGQ	52,824	216	62	C	B
PA3AFF	3,640	38	26	C	B
PA5WT	159,808	460	88	C	C
PA3GRM	66,368	280	61	C	C
PI4RCK	366,860	839	170	D	B
PA1TT (+PA3FGI,PA2AWU,PA5RA, PBØAOL,PA3GEF)	1,213,650	1889	261	D	C
PI4TUE (ON9CC,PAØNZH,PA3EZL, PA3GLZ,PE1PRG,ops)	1,084,072	1368	254	D	C

Slovenia
Call	Score	QSOs	Mult		
S50K	1,382,500	2048	250	A	C
S57MSU	87,720	433	102	B	A
S51DX	384,748	1279	151	B	C
S51F	182,520	761	126	C	B
S51B	180,928	521	88	C	B
S57Q	495,936	999	126	C	C
S56A	248,412	498	127	C	C
S50C (S51TA,S53ZO,S53MM,S53CC, S53RM,S57NOB,S55OO,ops)	1,675,644	2017	282	D	C
S59KW (+HB9SUL,IK3UNA,S57C, S55M)	1,441,594	1902	259	D	C
S57M (+S58A)	1,424,544	1764	264	D	C
S59ABC (S51DS,S53W,S57JGV, S59O,ops)	912,066	1432	213	D	C

Sweden
Call	Score	QSOs	Mult		
7S6J (SMØJSM, op)	63,540	214	90	A	B
SM3EAE	55,062	223	63	A	B
SM6DER	43,360	158	80	A	B
SM6IQD	39,672	163	76	A	B
8S5W (SM5IMO, op)	1,120,500	1772	225	A	C
7S2E (SM2DMU, op)	1,035,408	1549	212	A	C
SM7AIL	31,360	196	80	B	B
SM7CQY	88,008	386	114	B	B
SM7DXQ	42,370	228	95	B	C
SM5G (SM5JBM, op)	313,148	650	121	C	B
SM6BSK	242,136	518	118	C	B
SM7CIL	119,592	302	99	C	B
SMØJ	117,936	338	89	C	B
SM4SX	114,580	340	85	C	B
7S5C (SM5CBM, op)	45,240	183	65	C	B
SM7EH	36,288	149	63	C	B
SM7BHM	33,920	161	53	C	B
7S5Q (SM5SRJ, op)	29,952	158	48	C	B
SMØY (SMØYF, op)	13,440	81	42	C	B
SM5AJV	2,520	35	18	C	B
SM2T (SM2EZT, op)	437,896	867	127	C	C
SM2IXM	75,480	265	74	C	C

Poland
Call	Score	QSOs	Mult		
SP9JZT	1,880	24	20	A	A
SN6M (SP6JKH, op)	457,500	762	183	A	B
SQ9PM	185,120	600	162	A	B
SP7PGK	206,568	505	151	A	B
SP5ICS	125,280	313	135	A	B
SP2MKT	89,598	237	109	A	B
SP2BLC	66,300	255	65	A	B
SP5BB	5,768	101	28	A	B
SP5WA	585,684	938	187	A	C
SP4DGN	567,548	1023	199	A	C
SP4CQU	5,762	61	43	A	C
SP5XMU	34,602	238	73	A	C
SP1DID	59,520	325	93	B	B
SP3BVI	33,180	237	70	B	B
SP4DC	24,624	163	76	B	B
SP1MVG	21,280	140	76	B	B
SQ5ABG	16,980	158	60	B	B
SQ9MZ	10,720	80	67	B	B
SP7LHX	3,468	51	34	B	B
SP6DND	1,640	41	20	B	B
SP9MRQ	748	15	11	B	B
SP7VC	498,464	1696	148	B	C
SP6IXF	445,884	1544	146	B	C
SP5DDJ	219,780	498	111	C	A
SP6AYP	9,600	50	48	C	A
SP4Z	75,680	216	88	C	B
SP5GH	45,792	106	106	C	B
SO5BX	38,160	162	60	C	B
SP7FBQ	20,972	113	49	C	B
SQ9FMU	15,552	84	48	C	B
SN8V (SP8GQU,SP8GWI,SP8LBK,ops)	939,610	1446	217	D	C
SP9KJT (SP6AXW,SP9IKF,ops)	133,000	533	125	D	C

Greece
Call	Score	QSOs	Mult		
SV1DKL	461,104	903	184	A	B
J41YM (OK1YM, op)	260,260	574	143	A	C
SV1DZB	13,500	128	54	B	A
SV1XV	3,038	50	31	B	B

Bosnia-Herzegovina
Call	Score	QSOs	Mult		
T94KW	10,716	85	38	A	B

Iceland
Call	Score	QSOs	Mult		
TF3VS	111,252	272	127	A	B
TF8GX	528,808	1992	133	B	C

Corsica
Call	Score	QSOs	Mult		
TK5T (F5IQA,F6GRC,F6HYE,F6IOC, F6IRF,ops)	1,963,104	2656	249	D	C
TK1W (F5HRY+packet)	856,680	2607	165	D	C

European Russia
Call	Score	QSOs	Mult		
RV3QX	130,900	368	119	A	A
RX3AEX	62,128	243	88	A	A
RW3DY	320	10	8	A	A
RD4M	36,843	1267	204	A	B
RZ4FA	755,298	1256	197	A	B
RA1ACJ	698,168	1142	197	A	B
RV3ACA	635,356	1100	193	A	B
RA3AD	632,360	930	210	A	B
RU3QW	512,548	969	194	A	B
RU3FM	384,186	580	197	A	B
RA3AF	148,240	368	136	A	B
RX3DBG	115,128	424	82	A	B
RX3M	20,564	100	53	A	B
RN3RC	19,012	99	49	A	B
UA3RE	13,328	107	56	A	B
RX3RZ	12,852	73	51	A	B
RJ1J (RW1ZA, op)	1,334,712	1801	228	A	C
RU4HP	989,954	1592	217	A	C
RF4R (UA4RC, op)	609,400	1057	208	A	C
UA4LY	468,066	876	181	A	C
RA3DGH	33,293	230	52	B	A
RA3QPY	143,010	697	105	B	B
RA3DNC	138,048	637	109	B	B
RZ3DW	126,792	593	108	B	B
UA3LHL	91,560	437	105	B	B
RA6AZ	66,564	388	86	B	B
UA1CKC	61,060	359	86	B	B
U1BA	37,380	267	70	B	B
RU3DNN	33,600	240	70	B	B
RU3DVR	20,640	176	60	B	B
RN3AQ	1,620	45	18	B	B
R73A	567,180	2061	138	B	C
UA4LCH	403,686	1398	151	B	C
RK4FD	299,596	1248	121	B	C
UA3BM	39,468	255	78	B	C
UA1ORT	15,416	167	47	B	C
RA1OZ	130,220	391	85	C	A
UAØKCL/3	115,940	341	85	C	A
RN6FO	100,716	331	77	C	A
RW3VZ	97,888	325	76	C	A
UA1ACC	6,720	60	24	C	A
RN6AL	426,684	966	111	C	B
RA6LW	351,960	847	105	C	B
RA3AN	232,128	633	93	C	B
RA4CTR	221,400	621	90	C	B
RA3UAG	183,524	473	97	C	B
UA1ZZ	166,320	540	77	C	B
UA6AAY	143,152	400	92	C	B
RK3BA	101,120	324	80	C	B
RN1AO	69,120	245	72	C	B
RV1CC	68,544	206	84	C	B
RK1NA	62,660	243	65	C	B
RU4WE	60,320	265	58	C	B
RA3WDK	52,536	199	66	C	B
RA6LAE	37,232	156	61	C	B
RV3DAK	27,608	119	58	C	B
RA3TT	17,080	122	35	C	B
RA9AC	1,872	31	12	C	B
RM4W (RW4WR, op)	599,192	1241	121	C	C
UA3TU	446,124	998	113	C	C
UA4FER	436,872	1002	109	C	C
RM3C (RA3CW, op)	436,224	854	128	C	C
RN3AY	131,840	325	103	C	C
RW3SK	79,328	286	74	C	C
RX4HX	52,704	217	61	C	C
RU3AA	36,340	35	24	C	C
RN2FA (+packet)	3,850	44	25	D	B
RU1A (RW1AC,RV1AW,UA1ARX,ops)	1,989,952	2540	272	D	C
RM6A (RN6BN,RA6CO,RA6CM, RN6AA,ops)	1,595,008	1932	272	D	C
RI3A (+ops)	1,031,480	1696	214	D	C
RA3AJ (+packet)	1,000,674	1365	261	D	C
RK3EWA (RZ3EC,RZ3EM,UA3EJN, UA3EKG,ops)	243,576	541	153	D	C

Ukraine
Call	Score	QSOs	Mult		
UT5UBJ	1,900	29	25	A	A
UT2UZ	379,708	622	191	A	B
US7IGF	276,696	558	162	A	B
UY5TE	197,524	490	113	A	B
UR2E	157,300	463	110	A	B
UR7EU	155,122	427	121	A	B
US5WDP	65,252	234	108	A	B
EO3Q (UR3QCW, op)	1,054,134	1430	241	A	C
UZ7U (UT3UA, op)	857,466	1160	237	A	C
UT4EK	437,536	815	176	A	C
US5WDL	54,032	307	88	B	A
US4MDO	4,964	73	34	B	A
UT1T (UT7TZ,op)	138,880	620	112	B	B
UY7MM	134,310	617	111	B	B
UR5ZMK	67,818	381	89	B	B
UYØMF	37,674	299	63	B	B
UT2WL	32,830	245	67	B	B
UT7QL	23,040	181	64	B	B
UR4EI	7,128	100	36	B	B
US5WDS	1,110	37	15	B	B
US5WMS	1,008	26	21	B	B
UR5FCM	42,180	192	57	C	A
UT3QT (op)	242,340	582	105	C	B
US2WU	221,340	475	119	C	B
UW5U (UY2UA, op)	163,924	388	107	C	B
UR6QS	145,512	424	86	C	B
UU2JQ	128	8	4	C	B
UU7J (UU4JMG,UU4JDD,UU4JGR, UU5JBO,UU6JM,UU8JK,UU0JM,ops)	1,507,156	1978	266	D	C
UU5A (UU2JQ,UU3JM,UU5YL, UUØA,ops)	282,948	773	146	D	C
UX2FXX (UR5FFY,UR5FAI,ops)	66,722	233	73	D	C
UU5J (UU3JD,UU5JR,ops)	4	1	1	D	C

Latvia
Call	Score	QSOs	Mult		
YLØA (YL2KA, op)	349,330	600	181	A	B
YL2SM	1,058,358	1662	223	A	C
YL2GD	950,940	1421	225	A	C
YL2KO	740,880	1216	196	A	C
YL2KF	7,740	51	45	A	C
YL3BZ	54,736	311	88	B	B
YL2MF	6,432	67	48	B	B
YL2LY	325,520	637	130	C	B
YL2PN	76,128	245	78	C	B
YL2NK	22,256	107	52	C	B
YL2GTD	11,868	75	43	C	B
YL7C (YL2MD,YL2GQT,ops)	772,440	1004	246	D	C

Romania
Call	Score	QSOs	Mult		
YO6EZ	23,900	150	50	A	A
YO5OHO	18,216	109	44	A	A
YO4AAC	9,792	85	32	A	A
YO3APJ	571,644	980	201	A	B
YO3III	3,200	64	25	B	A
YO9XC	27,404	221	62	B	B
YO3FLQ	11,270	115	49	B	B
YO3KYO	396	18	11	B	B
YO6ADW	55,948	197	71	C	A
YO6BHN	128,068	321	101	C	B
YO4NF	577,920	1211	120	C	C
YP8A	447,840	955	120	C	C
YO9FJW	325,068	796	103	C	C
YO2KHK (YO2CMI,YO2BEH,ops)	9,898	79	49	D	B

Yugoslavia
Call	Score	QSOs	Mult		
YU1LM	99,756	300	102	A	A
YU1OJ	822,160	1341	215	A	B
4N1SM	646,408	1132	194	A	B
YU8/9XØA	187,236	454	126	A	C
YT7A	293,020	1132	130	B	B
YT1BB	377,986	1443	133	B	C
YU7SF	168,480	404	104	C	B
YU7KM	80,000	250	80	C	B
YT1Z (+ops)	226,798	492	143	D	C
YU1EW (+YT7AA)	1,132,742	1508	247	D	C

North America

Jamaica
Call	Score	QSOs	Mult		
6Y4Y	70,740	394	90	B	B

Bahamas
Call	Score	QSOs	Mult		
C6A/W9AU	583,440	1333	110	C	B

Cuba
Call	Score	QSOs	Mult		
CO8DM	387,090	878	153	A	B
CO2TK	171,498	860	101	B	B
CL6LPB	13,156	36	38	C	B
CO8ZZ	486,588	997	123	C	B

Guadeloupe
Call	Score	QSOs	Mult		
FG/K6LA	2,860,560	3498	274	A	C

Martinique
Call	Score	QSOs	Mult		
FM/G3SQX	654,360	1342	123	A	C

Panama
Call	Score	QSOs	Mult		
HP1AC	132,860	363	91	C	B

Honduras
Call	Score	QSOs	Mult		
HR3J (JA6WFM, op)	699,696	2731	129	B	C

Virgin Islands
Call	Score	QSOs	Mult		
KP2BH	54,918	343	81	B	B
NP2DJ	34,080	214	80	B	B
NP2B (+KØIP)	477,508	1974	122	D	C

Puerto Rico
Call	Score	QSOs	Mult		
WP4BV	367,770	1615	115	B	B
NP3OD	6,348	71	46	B	B
KP4/AA3GM	40,200	165	67	C	A
KP4AH (WP3C, op)	268,380	647	105	C	A

Guatemala
Call	Score	QSOs	Mult		
TG9AJR	20,196	202	51	B	B

Costa Rica
Call	Score	QSOs	Mult		
TI2KAC	14,544	101	72	A	B
TI5N (AC8G, op)	966,736	3284	148	D	C

Turks & Caicos Islands
Call	Score	QSOs	Mult		
VP5AZ (KN4UG, op)	520,982	2196	119	B	B
VP5DX (N4KE,NU4Y,ops)	2,411,920	3254	280	D	C

Mexico
Call	Score	QSOs	Mult		
XE1CT	191,520	804	120	B	B
4A1AC (XE1BEF,op)	177,216	923	96	B	B
XE1RCF	92,576	526	88	B	B
XE2AC	300,806	734	100	C	B
XE1ZOI	277,776	650	108	C	C

Nicaragua
Call	Score	QSOs	Mult		
H6C (YN4SU,op)	420,640	707	176	A	B

Cayman Islands
Call	Score	QSOs	Mult		
ZF2AH	625,944	2401	132	C	B
ZF2NT	1,508,428	2727	139	C	C

Oceania

Philippines
Call	Score	QSOs	Mult		
DU1BP	11,304	160	36	B	B
DU7/N7ET	33,408	172	58	C	A

Australia
Call	Score	QSOs	Mult		
VK5GN	894,450	1432	201	A	C
VK4NEF	85,632	449	96	B	B
VK2CZ	300,806	1251	121	B	C
VK4WPX	132,312	598	111	B	C
VK4TT	109,792	378	73	C	B

Indonesia
Call	Score	QSOs	Mult		
YB2ERL	33,370	239	71	B	B
YB5QZ	158,080	510	80	C	B
YE1A	29,184	135	57	C	B

New Zealand
Call	Score	QSOs	Mult		
ZL1TM	657,980	1021	197	A	B
ZL1ALZ	11,696	84	43	A	C
ZL3GA	23,668	195	61	B	B
ZL1ANJ	345,720	1299	134	B	C
ZL1AIH	78,368	310	71	C	A
ZL1GO	207,600	529	100	C	B
ZL6QH (ZL2BSJ, op)	613,080	1324	117	C	C
ZL1BYZ	272,600	740	94	C	C

South America

Chile
Call	Score	QSOs	Mult		
CE4U (CE4USW, op)	38,780	281	70	B	B
CE6AMN	6,408	89	36	B	B

Uruguay
Call	Score	QSOs	Mult		
CX9AU	552,288	1059	132	C	B
CX5BW (+CX7BY,CX8CP,CX4DX)	2,232,890	2708	265	D	C

Colombia
Call	Score	QSOs	Mult		
HK3AXY	151,116	429	147	A	B

Argentina
Call	Score	QSOs	Mult		
LT5Y (LU1YU,op)	171,348	786	109	A	C
LU1VK	113,014	471	121	B	A
LT2D (LW3DX, op)	353,232	419	114	B	A
LU4DX	400,724	1419	142	B	B
L40E (LW7EIC, op)	225,320	874	131	B	B
LU2EC	111,724	532	106	B	B
LU5EVK	102,506	483	107	B	B
LW1HDJ	76,840	460	85	B	B
LU1VV	59,192	312	98	B	B
LU1NDC	475,348	1595	151	B	C
LU4DPO	264,384	979	136	B	C
LU4DRC (LU1DTZ, op)	232,320	981	121	B	C
LU1EWL	288,880	627	115	C	B
LU1DZ	371,664	807	116	C	C
LU7DIR	268,800	573	120	C	C
LW9EOC (LU8DW,LU5EML,ops)	1,082,518	1627	233	D	B
LT5F (LU2FA,LU4FPZ,ops)	2,500,932	3276	266	D	C
LP5F (LU1FZR,LU5FC,LU2FLN, LU8FPT,ops)	1,605,800	2282	259	D	C
LW7DX (+LU6EF,LW9DAH)	1,426,896	1886	243	D	C

Peru
Call	Score	QSOs	Mult		
OA4O (OA4AHW,OA4BHY,OA4DJW, OA4DKC,ops)	1,218,228	1993	242	D	C

Netherland Antilles
Call	Score	QSOs	Mult		
PJ2T (W9VA,W9JUV,K8CJQ, W9EFL,ops)	1,808,708	2682	242	D	C

Brazil
Call	Score	QSOs	Mult		
PY2NY	11,716	70	58	A	A
PV8DX	1,458,688	1850	259	A	B
PY2TNT	171,108	470	97	A	B
PY3KN	65,992	274	113	A	B
PP2ZZ	36,408	148	82	A	C
ZX2B (PY2MNL, op)	420,300	1405	150	B	B
ZV2V (PY2LED, op)	164,034	712	117	B	B
PR8RZJ	67,680	362	94	B	B
PR7FN	35,850	250	75	B	B
PT2ND	20,100	135	75	B	B
PU4EYE	12,852	122	54	B	B
PP5ZP	7,896	85	47	B	B
PY2DJ	3,630	57	33	B	B
PP2RON	3,572	38	47	B	B
PY3BV	1,804	41	22	B	B
PY3MT	672	26	14	B	B
PR7AR	520	20	13	B	B
ZW5B (PY5EG, op)	143,640	637	114	B	C
PT2OM	69,628	342	103	B	C
PY3PA	33,124	209	82	B	C
PY3AU	149,076	370	101	C	B
PY4FQ	130,152	320	102	C	B
PY7ZY	24,592	223	58	C	B
PY7OJ	23,280	102	60	C	B
PY2PAI	24	3	2	C	B

PQ2Q (PY1KS,PY1KX,PY1SL,PY2KC, PY2WC,ops)
1,662,208 1800 302 D C
PY3KK (+PY3DX,PY3FOX,PY3YY)
1,194,522 1630 239 D C
PY3MHZ 439,348 764 182 D C

Venezuela
YZ1V (YT1HA, op)
383,844 729 174 A B
YV7QP 83,160 251 90 A B
YY5JMM 7,144 96 38 B B
YY5JRU 2,058 52 21 B B
4M3Y 10,600 100 53 B C
YZ1AU (+YT1XX,YU1XX,YU1EXY)
1,527,900 1983 275 D C

Paraguay
ZP6M 966,528 1697 144 C B

United States
1
Connecticut
NX1Q 178,192 404 148 A C
N1NQD 64,108 259 94 A B
KE1AU 6,072 70 44 A B
KQ2M 2,743,884 3320 286 A C
W1AW (N1ND, op)
264,702 674 157 A C
N8WXQ 220,440 483 165 A A
W1/F5MJW 46,872 287 84 B A
N1JEO 34,286 220 79 A A
K5GMX 17,568 122 72 B A
W1AMF 238,212 1032 117 B B
W1AIR 126,474 596 107 B B
W1AZT 89,496 401 113 B B
W1JQ 82,034 377 108 B B
N1IXF 67,156 328 103 B B
N1NB 44,270 240 95 B B
NJ1Q 17,940 139 65 B B
K1MKF 11,172 117 49 B B
W1IVB 11,092 118 47 B B
N1OPO 10,464 110 48 B B
W1DMM 10,152 113 47 B B
K1JBS 4,136 47 44 B B
W1NRG (KB1CIW,op)
1,240 31 20 B B
KB1FYL 552 23 12 B B
K1ZE 138,180 330 105 C A
K1KI 1,511,048 2461 154 C C
W1WEF 1,227,448 2181 142 C C
NT1N 588,432 1076 138 C C
NZ1U (KB1DFB,KB1H,N1XS,ops)
44,352 188 96 A C

Eastern Massachusetts
WG1Z 546,744 925 218 A B
W1VIV 351,190 639 173 A B
K1HT 271,392 492 176 A B
N3KCJ 267,168 626 176 A B
W1MMM 82,432 374 112 A B
K1YA 60,536 296 92 A B
N1SV 388,884 1422 138 B B
KA1EIV 126,936 519 123 B B
WA1VIL 62,566 287 109 B B
K1VU 51,506 289 91 B B
W1DYJ 37,296 230 84 B B
N1WRK 17,780 127 70 B B
K1VUT 734,944 1359 136 C B
W1MK 354,672 835 108 C B
N1DC 211,432 500 107 C B
K1MXF 19,012 108 49 C B
WO1N 10,560 81 33 C B
K5MA 551,440 1135 122 C C
W1AA (K1DC, op)
285,664 639 113 C C
K1GU 184,140 498 93 C C
K1TH 17,444 93 49 C C
W1SMH (+ops)
123,256 441 124 D B
AG1C (+NK1L)
892,434 1327 177 D C
KD1EA (+packet)
53,088 239 112 D C

Maine
W1CEK 684 20 18 B A
N1LW 156,736 637 124 B B
N1YIS 10,494 101 53 B B
NY1E 500,678 1804 139 B C
AB1R 259,290 1009 129 B C
K1JB 558,080 1092 128 C B
K1PQS 407,528 842 121 C B
N1CGP 74,036 226 83 C B
K1SWG 43,168 142 76 C B
KD1OG 22,440 110 51 C B
AC1O 300,500 603 125 C C

New Hampshire
K1EPJ 262,816 441 172 A A
W1XV 990 76 50 A A
W1HR 1,434,720 2023 245 A B
KG1V 652,680 940 222 A B
WA1Z 33,456 132 82 A B
K1PDY 29,160 138 81 A B
AC1J 17,700 138 59 A B
W1VE 1,725,024 2576 268 B B
W1DAD 3,162 51 31 B B
AF1T 382,524 1506 127 B B
AA1CA 247,280 563 110 C A
KN1H 48,508 188 67 C A
WE1USA (WA1LNP,op)
957,312 1669 144 C B
W1END 279,948 573 123 C B
AE1T 22,120 114 60 C B
KR1G 1,243,584 2176 144 C C
KZ1O (+N1TMZ,KB8BAL)
370,062 636 189 D B
KC1F (+packet)
444,708 873 198 D C
WA1ZYX
13,144 124 53 D C

Rhode Island
N1HRA 112,968 394 108 A B
K1VSJ 32,308 135 82 A B
KI1G 446,040 968 180 A C
W1VET 155,524 688 118 B B
AB1BX 109,652 356 79 C B
K2MN 34,720 140 62 C B

Vermont
KA1BSZ 58,828 365 77 A B

K1KD 8,342 76 43 A C
KB1FTX 63,756 332 99 B B
KC1WH 31,668 212 78 B B
W1SJ 721,648 2450 148 B C
W1SA 85,500 225 95 C A
K1IB 308,264 686 113 B B
K2LE 1,022,400 1808 142 C C
AA1VT (AA2DY,KC1MP,KD1DP, KD1UP,ops)
280,884 589 178 D B
W1PU (KB1EXM,N1ZUK,KM1Z, AA1SU,K1KD,K1HD,ops)
1,191,456 2111 216 D C

Western Massachusetts
KK1W 156,450 403 149 A C
KX1X 223,002 959 117 B B
W1KT 171,360 598 144 B B
WT1S 137,824 588 118 B B
N1SR 50,730 269 95 B B
N1VOR 50,220 272 93 B B
N1MHH 30,820 238 67 B B
N1IC 691,164 2406 146 B C
K1SF 65,182 300 109 B C
K1TS 116,436 318 93 C A
K5ZD 393,328 797 124 C C
KK1H (+packet)
234,000 871 135 D B
KB1GHC (+KB1FWN)
2,668 60 23 D B
AA1JD (+NC1M, AA1LH, AA1MT, K1FFX)
1,550,060 2249 235 D C

2
Eastern New York
N2IW 489,590 801 173 A B
K2RI 46,662 184 101 A B
N2BZP 38,192 212 88 A B
W2ENY 20,280 134 60 A B
AA2OI 17,360 111 56 A B
W2RE 2,058,110 2482 277 A A
AB2IW 95,256 441 108 B B
WA2YEI 17,810 137 65 B A
N2VZA 131,672 613 109 B B
KA2VBI 118,326 546 111 B B
N2MTG 29,346 205 73 B B
KC2DTJ 29,032 193 76 B B
WA2HNG 1,518 35 23 B B
W2FCA 103,424 406 128 B C
K2UF 368,460 811 115 C B
K2DW 245,952 567 112 C B
K2SX 755,440 1358 140 C C
NA2M 46,096 175 67 C C
K2UG (KE2DX,WA2JQK,W2IX,ops)
1,098,090 1736 249 D C
W2MU (KD2NE,KY2J,N2MCI, WA2MMX,WB2AQU,W2XL,ops)
859,320 1323 231 D C
N2POS (+N2PEN,WB2FOB)
72,770 386 95 D C

NYC-Long Island
WB2AMU 234,432 456 148 A A
KD2RD 1,110,112 1571 226 A B
KA2D 399,360 677 195 A B
WB2TPS 43,228 139 101 A B
WB2BXO 19,256 104 58 A B
AA2VK 66,690 352 95 B A
K2WX 2,760 46 30 B A
N2NB 744,432 2402 156 B B
KS2G 272,568 1115 123 B B
WB2ZTH 255,968 848 152 B B
KC2OJK 66,792 363 92 B B
N2MUN 63,124 368 86 B B
K2RED 13,284 123 54 B B
KC2CJI 11,000 110 50 B B
N2AUK 163,750 639 131 B C
WO2N 112,520 300 97 C A
N2GA 440,440 1010 110 C B
WW2G 16,380 104 39 C B
N2GC 461,644 885 131 C C
N2UN 354,000 754 118 C C
N1XL (+K2GH,NY2L,KC2IPG)
365,560 794 190 D B
WB2JSM(WB2KDG,WB2TYJ,KC2CBA, KA2JSV,KC2ITB,ops)
25,200 189 72 D B
N2NI (+packet)
261,072 476 168 D C

Northern New Jersey
N2NH 231,822 496 159 A A
W2JEK 7,772 67 29 A A
K2WA 340,092 636 201 A B
N2LK 211,878 467 149 A B
WA2LXE 145,124 391 146 A B
WA2VQF 62,310 218 93 A B
K2YLH 45,746 262 89 A B
N2ED 934,348 1291 218 A C
K2ZB 57,368 283 101 A C
WA4ATJ 46,952 261 91 A C
NO2EL 153,972 612 126 B B
WQ2M 77,330 412 95 B B
K2VU 50,660 306 85 B B
N2OPJ 31,008 204 76 B B
WA2BKN 19,656 126 78 B B
WA2QHL 9,682 107 47 B B
WB2AIU 6,930 81 45 B B
AB2FA 4,232 46 46 B B
WA2DAX 3,264 51 32 B B
K2AMI 840 15 15 B B
K2AF 13,098 111 59 B C
N2CFD 11,782 139 43 B C
W2BVH 36,480 159 57 C A
W2CVW 149,432 434 112 C B
N2GM 148,944 350 107 C B
W2GD 34,720 143 62 C B
W2LE 28,060 115 61 C B
WA2VYA 570,240 1052 135 C C
AB2BK 447,120 982 115 C C
NA2U (+packet)
1,099,500 1297 250 D C
K2DBK (+packet)
25,212 193 66 D C
N2NT (+N2NC,W2RQ)
2,510,748 2854 291 D C
K2XR (+K2OWN,N2YFH)
1,845,920 2388 278 D C
AB2DE KC2AVE
383,910 865 191 D C
W2NO (+packet)
137,196 337 103 D C

N2WM (+packet)
54,880 171 98 D C
W2KD (+packet)
45,990 198 105 D C

Northern New York
NS2P 214,266 876 123 A A
KA2AWE 3,770 65 29 B A
N2JNZ 39,360 166 60 C A
W2IB 17,460 100 45 C B

Southern New Jersey
WA2IAU 53,116 195 98 A A
W2RDS 44,678 248 89 A B
W2LEC 49,708 289 86 B B
KV2M 46,926 303 79 B B
AC2F 30,732 197 78 B B
KB2PD 18,368 116 82 B B
KD2IN 15,246 129 63 B B
W2QOB 4,662 64 37 B B
WB2FXE 360 15 12 B B
N2CQ 12,312 84 38 C A
WK2G 523,116 1079 121 C B
K2UR 200,304 433 117 C B
WA2VQV 102,800 260 100 C B
K2MK 27,228 123 56 C B
W5KI 14,960 85 44 C B
AD3Y 4,788 57 21 C B
NJ2BB (AA2WN,WA2TVS,WK2W,ops)
388,400 639 200 D A
N1RK (+packet)
29,032 193 76 D B
NQ3N (+KD2I)
1,149,624 1666 252 D C
K2SB (+packet)
88,736 244 94 D C
N2VW (+packet)
4,424 48 28 D C

Western New York
N2CU 369,472 627 184 A A
N2XT 202,044 473 149 A A
N2WK 852,380 1170 230 A B
KM2L 319,384 610 166 A B
K2YEH 214,912 391 184 A B
KC2GEP 67,554 302 81 A B
N2CK 34,632 211 78 A B
N2DCH 2,490 70 25 A B
N2PP 1,859,034 2322 249 A C
K2FU 1,186,542 1559 219 A C
WB2HJV 132,000 305 125 A C
WB7OCV 16,356 141 58 B A
N2IM 10,192 110 49 B A
KB2SGX 55,260 312 90 B B
N2LQQ 46,368 257 92 B B
KC2GFS 2,688 48 28 B B
WB2SXY 234 13 9 B B
AF2K 282,890 1035 127 B C
K2SM 148,104 380 99 C A
WB2DVU 370,804 782 119 C B
WA2EYA 44,640 180 62 C B
NE2T 41,760 159 72 C B
W2TZ 35,264 153 58 C B
W2FUI 141,512 360 98 C C
W2LC 12,936 78 42 C C
W2KA (+packet)
400,072 645 172 D B
K1PY (+N2KKB,KC2DQR,N2HKD)
205,056 490 178 D B
WB2ELW (K2CF,KB2MGE,KB2KOL, KC2GJX,K2OO,ops)
55,680 225 80 D C
KF2VX (+K2ZUW)
44,352 259 88 D C
WA2AAZ (N2MKR,N5THV,KC2HUP,ops)
16,896 128 66 D C

3
Delaware
NY3C 206,724 536 138 A B
N3ELK 11,832 116 51 B A
KE3UY 45,408 264 86 B B
K0UWO 6,790 97 35 B B
KA3IJO 6,110 65 47 B B
N9GG 11,840 80 40 C A
K3LT 1,960 34 14 C A
K3FT 694,536 1363 129 C B
N8NA 26,596 109 61 C B
W3PP (+packet)
30,780 173 90 D B
KB3FEE (+AA1K)
1,602,456 1846 276 D C

Eastern Pennsylvania
W3SSS 10,812 86 51 A B
K3WW 1,738,590 2091 255 A C
WA2FGK 417,268 789 146 A C
W2OX 400,020 764 177 A C
WT3P 393,960 628 201 A C
W3BYX 331,128 566 189 A C
N3GXY 24,156 183 66 B A
WC3A 5,096 94 28 B A
N3KYZ 54,096 297 92 B B
N3JPV 16,200 135 60 B B
N3YGL 9,040 116 40 B B
N3RVK 5,920 75 40 B B
KB3EXB 1,672 38 22 B B
WB3CIW 95,760 408 120 B C
N3EMF 85,956 377 114 B C
K3XR 11,232 107 54 B C
N3KGC 5,184 83 32 B C
WA3IIA 95,976 285 86 C A
W3ZMN 17,460 97 45 C A
NY3A 202,128 1408 131 C B
W3BGN 519,750 1069 122 C C
WF3M 249,480 634 99 C C
WA3AAN 116,816 311 98 C C
NE3H 82,080 223 95 C C
KC3Q 77,252 217 89 C C
N3KR 57,816 198 73 C C
K3VA 32,224 154 53 C C
K3SV 781,284 1503 131 C C
W2UP 368,160 710 130 C C
K3QIA 149,688 384 99 C C
W8FJ 33,920 163 53 C C
N3NZ 4,428 42 27 C C
KD3TB (+packet)
201,168 776 132 D B
KS3F (+NE3F)
1,318,384 2013 262 D C
K3ZV (+packet)
300,810 505 185 D C
K3NZ (+packet)
213,474 503 141 D C

K3ATO (+packet)
205,350 342 185 D C
N3ED (+packet)
139,222 287 151 D C

Maryland-DC
K3TW 210,900 415 150 A A
AI3M 619,962 887 203 A A
W3UJ 469,860 737 205 A A
KE3VV 320,050 626 173 A A
K3DSP 310,184 639 191 A A
N3II 309,750 535 177 A B
W3DQ 297,850 663 175 A B
W3IP 167,832 480 148 A B
N3GPU 156,744 616 126 A B
W3RR 87,462 314 129 A B
W3ZZ 63,954 227 99 A B
W3FQE 46,930 186 95 A B
K3TN 34,560 140 72 A B
K3YDX 27,258 141 77 A B
N3WK 22,388 120 58 A B
W3XG 1,850 31 25 A B
K3ZO 2,287,520 2829 272 A C
W3GNQ (WI2T,op)
459,952 1128 178 A C
K3MM 157,614 450 109 A C
WX3B 76,302 472 81 A C
KT3RR 334,788 1218 138 B C
K3DNE 129,552 964 124 B B
W3LL 91,428 406 114 B B
WA2VUM 80,200 405 100 B B
W3LEO 57,246 330 87 B B
K3VY 28,392 187 78 B B
N3EYB 19,152 155 63 B B
N3HXQ 16,124 139 58 B B
N0MSB 10,904 117 47 B B
KT3D 3,808 57 34 B B
WA4MQY 1,040 26 20 B B
N3HBX 407,592 2183 139 B C
N3FX 196,262 817 121 B C
4U1WB (AJ3M,op)
138,306 781 89 B C
W3KHZ 14,136 115 62 B C
K3GV 836 22 19 B C
KI5TD 67,268 250 67 C A
W3CB 438,872 928 119 C B
NG3K 249,912 535 117 C B
W3CP 216,056 479 113 C B
K3TM 144,540 385 95 C B
W3DAD 144,540 369 99 C B
NS3T 98,256 283 89 C B
W3EE 66,528 201 84 C B
K1EFI 65,736 199 83 C B
KF3CV 80 6 5 C B
K2PLF 806,520 1420 143 C C
N3UM 513,864 1059 122 C C
N4GG 190,440 506 100 C C
W3GG 181,908 496 93 C C
W3GN 60,680 208 74 C C
W2CDO 23,976 111 54 C C
K8GP (K8ISK,W2AJ,ops)
2,074,176 2489 277 D C
N3AM (+packet)
1,197,416 1343 242 D C
K3DI (+packet)
471,366 773 203 D C
N3WD (+W3DWJ,N3NYC,KB3FOX, W3QYL) 320,264 1214 133 D C
W3UL (+packet)
253,638 446 183 D C
K3IXD (+packet)
243,386 855 143 D C
W3OU (+packet)
129,050 360 145 D C
W3YD (+packet)
102,480 427 122 D C
N3KTV (+packet)
72,480 309 120 D C
W3LRC (WI3N,K3HDM,N3TZA, KD5ENP,KB3DVC,KA8YPY,KT3D, W3YD,ops)
68,400 364 100 D C
K3PZN (N3SB,WX3B,KB3HHK,ops)
31,496 232 62 D C

Western Pennsylvania
K3DE 211,968 1152 184 A B
AA3ML 87,010 255 113 A B
WB0IWG 4,836 62 39 B A
N3MBC 27,336 204 67 B B
WB3EPE 26,560 160 83 B B
N3WMC 20,956 172 62 B B
KB3DPU 19,832 151 67 B B
KB3GOT 676 26 13 B B
WA3GQU 4,920 60 41 B C
K3GW 278,256 568 124 C B
WA3SES 246,440 613 101 C B
N3LL 144,060 351 105 C B
K3VX 76,736 229 88 C B
K3FH 58,400 201 73 C B
NB4J 36,192 156 58 C B
K3JHT 8,520 71 30 C B
K3CR (LZ4AX, op)
1,125,432 1921 147 C C
AD8J 228,480 514 112 C C
N3SD (+packet)
20,300 99 58 D B
N3UE (+packet)
3,392 53 32 D C

4
Alabama
W4DEC 271,200 533 150 A A
W4NTI 34,384 174 56 A B
K4AB 1,767,532 2306 247 A C
N4YQ 254,160 623 180 A C
KE4BF 21,600 153 72 B A
K4XDX 340,824 1305 132 B B
WB4HUX 598 23 13 B B
AG4W 90,850 400 115 B C
KC3QU 140,624 373 94 C D
K4WI (+KD4Y)
1,470,696 2305 263 D C

Georgia
WB6BWZ 8,364 76 34 A A
N4NX 384,800 583 225 A B
KT4Q 267,960 519 174 A B
NE4S 194,680 360 169 A B
K4GA 103,812 280 123 A B
K4ESP (K4YJ, op)
94,068 291 134 A B
AA4LR 87,984 340 117 A B
AE4Y 45,954 198 69 A B
AA4GA 18,894 99 67 A B

AK4XX 1,520 24 19 A B
W4WA 1,130,016 1595 237 A C
K4SB 755,290 980 235 A C
KJ4EX 96,288 408 118 B B
WB4SQ 52,052 294 91 B B
WA4TII 477,694 1615 149 B C
W4DD 102,128 497 104 B C
AD4J 19,200 98 50 C A
N4PN 462,480 949 123 C B
K2UFT 237,144 484 123 C B
W4ATL 159,152 411 98 C B
K9AY 128,880 361 90 C B
WA4TT 79,716 221 91 C B
K4OGG 36,000 153 60 C B
K4AAA (W4AN, op)
24,408 114 54 C B
W4AN (K4BAI, op)
1,268,436 2253 141 C C
N4XMX (+packet)
11,628 103 57 D C

Kentucky
K4IE 285,120 529 180 A B
KE4TZJ 9,718 117 43 B A
AC4PY 68,694 322 107 B B
KN4IV 39,500 264 79 B B
KM4CH 16,896 102 44 C A
K4FXN 134,292 368 93 C B
KM4FO 129,752 345 98 C B
W5MX 793,936 1395 143 C C
K4WW (+packet)
170,560 491 130 D C
N4GN (+K9GX)
1,598,016 1803 287 D C

North Carolina
N5FPW 74,496 389 97 A A
N4YDU 482,784 787 188 A B
N3DRK 407,790 718 207 A B
W4IDX 131,544 354 108 A B
KO7X 122,126 503 139 A B
N4TL 119,556 309 123 A B
N4ZAK 19,328 155 64 B A
W2VMX 2,300 50 23 B A
K4TMC 232,830 999 117 B B
W4NC 121,920 519 120 B B
KO4MM 84,740 415 107 B B
KK4RV 29,848 182 82 B B
W4KAZ 27,876 203 69 B B
KC4YOT 16,464 148 56 B B
K4AHC 3,744 58 36 B B
KG4DZU 2,116 46 23 B B
WD4NCQ 1,400 40 19 B B
NX9T 381,840 1488 129 B C
K4DXA 119,520 503 120 B C
NC4NC 103,960 471 113 B C
W4YDY 46,750 277 85 B C
N4IJ 143,232 377 96 C A
WJ9B 81,808 996 122 C B
WA4DOU 342,696 655 131 C B
K4CIA 219,500 442 125 C B
KW4DA 173,952 458 96 C B
AE4EC 13,320 98 37 C B
W4ZV 1,416,064 2409 148 C C
K7GM 1,181,952 2062 144 C C
N4CW 793,584 1509 132 C C
W4MR (AA4NC,K4MA,ops)
2,115,564 2420 282 D C
W4WS (WB4MSG,N4VHK,KG4MQD, KB6MTH,KG4CZU,ops)
834,110 1221 239 D C
K3KO (+packet)
627,840 1092 144 D C
AD4L (+WW4M)
404,388 1446 141 D C
K8YC (+packet)
14,268 97 58 D C

Northern Florida
K9RB 89,050 228 137 A A
KB4N 424,020 750 191 A B
W4EBA 177,896 391 148 A B
NF4A 21,462 162 49 A B
NN4DF 10,508 72 37 A B
W7QF 94,764 303 106 A C
AD4E 5,576 70 34 A C
KQ4YY 47,850 283 87 B A
N4OX 441,464 1593 139 B B
K4JAF 96,212 362 134 B B
KA1QFV 9,996 102 51 B B
KX5U 4,992 64 39 B B
AG4MO 4,480 70 32 B B
KE4MVK 1,768 35 26 B B
KG4KLR 1,750 40 25 B B
W9CNF/M 242 11 11 B B
NS4W 360,936 1273 139 B C
N4EK 96,300 451 107 B C
W4UEA 16,660 119 70 B C
KD4BRJ 480 22 12 B C
K4WA 444,312 928 121 C B
KN4Y 215,460 540 104 C B
ND4AA 50,112 218 58 C B
W3TMZ 9,984 53 48 C B
KO4E 35,826 70 31 C B
NO4S 341,344 788 110 C C
K4RV 40,020 116 87 C C
K0LUZ 898,200 1507 100 C B
KE1F (+packet)
241,800 462 155 D C
W4FDA (+packet)
59,670 159 114 D C

South Carolina
K4TSU 50,764 261 98 B B
W2JJC 403,876 1516 134 B C
K4ADI 26,288 128 53 C B
WA8OJR 14,652 101 37 C B
K0COP 83,520 237 90 C C
W4UK 50,920 194 67 C C

Southern Florida
K9ES 398,200 767 181 A B
AE4RO 383,940 503 243 A B
W4OV 262,402 405 169 A B
N3GD 182,120 506 116 A B
K4RFK 172,992 616 136 B B
WT5L 77,376 251 124 B B
W4OX 1,136,712 1688 234 C C
AA4HP 725,764 1213 221 C C
WA4MSU 84,072 227 124 C C
K5GW 53,400 267 100 C B
KU4OS 21,900 145 73 C B
KC4PX 96,744 418 116 C B
K1DCB 57,512 316 91 C B

KK4TA 53,912 295 92 B B
KU4GY 51,196 292 93 B B
N3HO 51,192 316 81 B B
KA1VY 11,284 91 62 B B
NJ2F 114,816 557 104 B B
KW4CW (N4GM, op)
  267,800 518 130 C B
N4BG 204,768 482 108 C C
N4PSE 61,272 223 69 C C
N4BP 1,137,020 2054 139 C C
W4QM 606,096 1111 138 C C
K4WJ 274,044 560 123 C C
WC4H 119,232 370 81 C C
K1PT (+packet)
  1,831,676 2322 266 D C
W4UM (+W4DTA)
  620,712 1052 222 D C
K4PB (+packet)
  123,264 328 96 D C

Tennessee
W4TDB 2,236 44 26 A A
WO4O 937,720 1195 238 A A
K4BEV 245,760 452 192 A A
WD4OHD 200,944 452 152 A A
W4DAN 176,176 388 154 A B
WD4PTJ 17,202 115 61 A B
K3CQ 13,132 78 49 A B
N4ZZ 1,776,222 2207 259 A A
K4RO 1,774,584 2250 252 A C
WB4YDL 101,500 294 145 A C
W4TD 111,720 493 114 B A
KF4TJE 13,328 136 49 B A
NY4T 233,280 869 135 B B
NQ4U 203,364 811 126 B B
K4OOO 86,242 406 107 B B
WA4JA 78,840 370 108 B A
K4USN 61,938 339 93 B B
W4JH 48,576 265 92 B B
KS2X 23,904 167 72 B B
WB9BSH 21,896 161 68 B B
N7DLS 7,980 97 42 B B
KE4OAR 142,688 642 112 C C
K4BP 89,556 446 102 B C
K4EQ 121,452 352 87 C A
K4BX 6,656 55 32 C A
N4ZI 802,788 1524 133 C C
NA4K 461,648 951 122 C C
W4CBX 139,944 351 102 C C
K0EJ 62,436 345 97 C B
AA3VA 104,760 275 97 C C
W4TYU 62,088 204 78 C B
W9WI 759,240 1414 135 C C
K4AMC 704,256 1347 131 C C
K4LTA 607,332 1198 129 C C
W4NZ 16,632 100 42 C C
W4BSF 27,972 144 74 D N
W4JPG (+N4RRW,N4UXQ)
  25,916 145 62 D N
W4CAT (W1KLM,KB5YJC,NY4N,K1KY,
  KC4QFR,N4KN,ops)
  1,155,138 1679 237 D C
K4TTA (+packet)
  56,870 187 121 D C

Virginia
KG4NXP 7,260 56 33 A A
N4JED 207,868 471 157 A B
K3MZ 62,418 249 101 A B
WB4DNL 47,526 140 89 A B
W4XP 25,456 148 74 A B
N6MW 20,992 87 82 A B
WA4JUK 388,752 695 168 A C
N4MM 290,780 524 209 A C
W2YE 260,624 507 179 A C
K4VV 81,320 283 107 A C
KC4ATU 19,840 155 64 A A
W3MGL 19,630 154 65 B A
K4PZC 97,308 468 106 B B
AD4DG 74,072 396 94 B B
KG4FSP 46,228 262 91 B B
KE4MIL 44,820 254 90 B A
W4/VU2VKU
  40,404 231 91 B B
N4RA 28,674 187 81 B B
NA4MA 27,150 184 75 B B
KD4OL 24,624 162 76 B B
KG4CGR 8,632 83 52 B B
KF4TJI 6,132 73 42 B A
W4PWF 5,880 60 49 B B
WA3RGH 3,700 65 37 B B
W3WFT 3,080 49 35 B B
WA4FXX 1,472 32 23 B B
KU4FP 29,532 217 69 B B
KE4VA 20,592 161 66 B C
K4UK 81,672 253 82 C A
W4/LZ3SM 224 8 7 C A
W4HM 283,464 575 127 C C
K4ORD 220,008 540 103 C B
W4AU 198,380 460 109 C C
N4PD 56,800 203 71 C B
K4JM 36,472 201 68 C B
W4HJ 29,512 123 62 C B
K6ETM 27,776 124 56 C B
K4MX 14,948 101 37 C B
KB3CDF 2,640 36 20 C B
W4YE 249,780 545 115 C C
K4GMH 140,640 368 88 C C
W4TNX (+packet)
  494,340 740 210 D B
K1SE (+K4EU,K4ZW)
  2,429,232 2740 312 D C
W4MYA (+packet)
  2,381,760 2843 288 D C
W4EI (+N4MO, K4UVT)
  762,960 1119 204 D C
KB4OLM (+W4PJW, WA4ITY, N8BCC,
  KF4QZG, AD4TJ, N3JB, KZ1A)
  642,400 1163 220 D C
K4YT (+packet)
  344,876 628 218 D C
N4EHJ (+packet)
  100,848 389 132 D C
KO4MR (+packet)
  49,300 171 145 D C
N4DEN (+packet)
  42,098 223 97 D C
N8IK (+packet)
  6,512 88 37 D C

West Central Florida
N4IG 894,216 1174 228 A A
K4GKD 363,216 629 184 A B
N4GI 173,602 396 143 A B

WC4E 2,195,100 2876 270 A C
K5KG 1,288,822 1788 243 A C
K9HUY 187,530 699 105 A C
W4JTA 8,512 76 56 B A
AF4YL 1,976 38 26 B A
N4PK 206,238 931 111 B B
K8FK 56,454 296 97 B B
K4ALH 27,740 194 73 B B
WN4DX 14,560 113 65 B B
AB4EZ 10,404 103 51 B B
N2EGO 9,630 107 45 B B
K4XS 1,438,424 2890 154 B C
K1TO 1,028,600 1860 139 B C
WD4AHZ 619,760 1226 127 C B
KW7R 76,608 253 76 C B
K4OJ 624,312 1140 138 C C
W4IR 68,708 196 89 C C
KA6R (+KA6AFK)
  43,560 168 90 D B
W4ZW (+ops)
  572,544 840 192 D C
W4GAC (N2MNC,N9MIU,W4KEN,
  KU4BT,WA9USD,WA9LXM,ops)
  127,400 364 130 D C

5
Arkansas
W5MK 545,804 901 193 A B
KB5EKX 81,000 450 90 B B
N5QC 2,790 46 31 B B
N9KS/M 1,320 30 22 B B
KE5TT 6,256 92 34 B C

Louisiana
W5WZ 4,020 50 30 A A
WA5CHX 59,736 268 114 A B
N8OO 1,997,456 2632 254 A C
AA5FJ 237,900 993 122 B B
K5MC 63,600 213 75 C B

Mississippi
W5MK 51,786 155 137 A B
W5XX 1,293,248 1776 242 A C
N5KGY 149,470 545 133 B B
N5PU 46,784 283 86 B B
WD5JNC 13,452 122 62 B B
KE5K 139,100 539 130 B C
K5MDX (WQ5L,W5UE,N5FG,KK5EW,
  N5ID,ops)
  1,636,352 2020 256 D C

New Mexico
KD5JAA 142,790 356 131 A B
W5GZ 80,000 403 100 B B
K7IA 30,104 150 53 C A
N5MF 246,568 524 119 C B
W5YZ 244,188 516 119 C B
N7DF 973,248 1657 148 C C
N6ZZ 867,780 1620 135 C C
W6TER (+KE5BL,W5DEZ)
  1,161,000 2094 215 D C
NA5S (+packet)
  479,312 889 232 D C
KK5OV (+KB5ZSK)
  18,354 167 57 D C

North Texas
WA8ZBT 379,832 829 158 A A
K5QX 133,712 286 137 A B
W5FL 250,584 499 212 A C
KC5SDY 7,920 70 33 A C
K5RX 301,630 1090 139 B A
AA5NT 381,160 1474 130 B B
K5WO 350,060 775 115 B C
KB5KYO 61,474 220 77 C A
WQ5W 715,140 1312 137 C B
W3DYA 157,200 399 100 C B
AD5GS 91,200 308 75 C B
W5KAU 86,000 250 86 C B
N5CHA 57,936 205 71 C B
N5NJ 51,480 197 66 C B
WD0HWX (+packet)
  65,612 350 94 D B
N5YA (+N5KR,N5UM)
  2,337,600 2674 300 D C
N5JR (+packet)
  744,800 1118 245 D C
N1CC (+packet)
  339,066 765 161 D C

Oklahoma
NE0P 357,504 604 196 A B
N5OHL 153,500 567 125 A C
KD5DLL 50,050 284 91 B B
AD5BN 22,204 182 61 B B
N0NOU 16,848 165 52 B B
K5WPN 11,130 105 53 B B
N5BFD 2,356 31 38 B B
N5RXF 237,416 1018 118 B B
WA9AFM 29,768 249 61 B C
K5OI 12,028 99 31 C A
K5KA 728,576 1434 128 C C
AA5CK 49,920 212 60 C B
W5OSU (+N7HRT)
  169,650 731 117 D C

South Texas
N5XZ 235,428 514 138 A B
K5IUA 391,352 586 212 A C
K1TU 161,596 377 142 A C
WD5FGZ 15,300 150 51 B A
N5WU 2,400 52 24 B A
W5AJ 322,800 1352 120 B B
KC5RPF 89,436 525 87 B B
KA5BKG 86,580 566 78 B B
WB0YEA 30,294 187 81 B B
N5KAE 24,648 156 79 B B
WX5I 13,200 120 55 B B
K2RD 6,536 90 38 B B
N5AFV 6,460 85 38 B B
N5AF 48 8 3 B B
W5PR 952,798 2973 161 B C
K5TR (WM5R, op)
  682,944 2973 136 B C
K5NA (KI5DR, op)
  681,378 2472 159 B C
KM5VI 151,698 586 131 B C
W5UFA 41,888 245 88 B C
KG5U 429,024 877 123 C C
KI0G 32,253 139 46 C A
N5DUW 695,960 1386 127 C C
NO5W 162,864 485 87 C C
AD6G 99,528 292 87 C C
NZ5A 91,500 395 61 C C

AF5Z 69,088 254 68 C B
AD5Q 1,015,200 1703 150 C C
K5XR (W5ASP, op)
  774,884 1619 121 C C
AC5AA 134,520 358 95 C C
NX5M (N5XJ,K8EP,NX5N,N5JA,
  K1OJ,ops)
  2,445,518 3089 289 D C
W5NN (N1LN,W5BAK,K5NZ,ops)
  1,956,768 2404 272 D C
N5JJ (+N5MV,KZ5M,N5XZ)
  1,438,076 2116 233 D C
N5MT (+packet)
  539,756 840 259 D C
N3BB (+packet)
  259,920 694 95 D C
N5PV (+WA4PSO)
  247,070 603 155 D C
KG5TA (+N5IKQ)
  215,760 880 120 D C

West Texas
N5LUL 5,616 62 36 A B
KE5OG 250,776 1173 108 A C
N0UST 1,410 41 20 B B
WR5O 31,536 148 54 C A
NZ5M 48,384 189 64 C B
WA5PFJ (+WA5PFI)
  104,632 638 82 D C

6
East Bay
KA6SGT 20,608 117 46 A A
KE6QR 116,052 359 114 A B
K6BIR 31,824 238 68 B B
AK6DV 9,396 81 58 B B
KS6Q 3,300 50 33 B B
K6SRZ 138,432 415 84 C B
K6WG 134,680 372 91 C B
WA6O 835,128 1669 126 C C
NF6S 474,636 1078 111 C C
KF6UVB (+K6HM)
  47,466 206 81 D A
N6CCL (+packet)
  196,248 966 102 D C

Los Angeles
N6KA 79,920 275 90 A A
N5BF 5,152 51 28 A A
WO6M 420,672 777 168 A A
K6ZCL 208,320 534 140 A B
AD6SC 28,120 191 76 B A
W6AFA 304,448 1136 134 B B
K6NDV (DK9TN, op)
  172,600 871 100 B B
KB6WKT 80,750 485 85 B B
KD6KHJ 72,960 391 95 B B
WB6NFO 66,310 349 95 B B
WA6HXF 58,638 343 87 B B
N6UB 18,560 149 64 B B
AD6AF 90 9 5 B N
W6BIV 138,976 412 86 C A
W3SE 70,840 255 70 C A
WA6BOB 119,024 354 86 C B
N6GL 66,848 303 67 C B
K6SE 67,340 262 65 C B
ND6P 26,288 125 53 C B
N6NO 35,076 110 79 C C
N6AA 27,448 148 47 C C
W6UE
  (KA6SAR,N6AN,N6LL,W6DR,W4EF,ops)
  1,725,460 2526 242 D C
W6KC (+packet)
  319,360 734 160 D C
W6TRW (K6OUE,KE6PI,KF6II,ops)
  35,584 278 64 D C

Orange
AA6PW 960,400 1588 196 A B
K6EY 142,496 371 122 A B
WA6BFW 135,000 341 125 A B
W6QZ 4,488 59 33 A B
K6AM 2,053,558 2743 247 A C
K6HRT 28,512 149 54 A C
W7YA 142,528 736 124 B A
AC6WD 172,256 781 112 B B
KQ6OW 143,736 687 106 B B
W6SA 77,710 411 95 B B
W6JQ 58,784 338 88 B B
K6ACZ 48,076 244 101 B B
KR6ER 27,720 214 66 B B
W6ZQ 21,868 154 71 B B
N6WIN 17,664 138 64 B B
WW6O 213,118 947 113 B C
AD6WL 77,400 432 90 B C
KC6UIX 20,424 111 92 B C
W6KK 382,720 933 104 C B
AC6VN 207,100 551 95 C C
W6FZA 155,800 410 95 C C
WA6OGO 119,364 344 87 C C
WD0AVV 116,624 416 74 C C
W6EEN (N6RT, op)
  1,279,016 2155 149 C C

Pacific
KH6CDO 60 6 5 B A
KH6GMP 205,196 1198 86 B B
AH7R 14,496 152 48 B B
NH7/N6HC (N6HC, op)
  467,740 1310 91 C C
KH6ND (+WH6H,AH6OZ)
  2,376,682 3664 253 D C
KH6IN (KH6ZM, KH6B,ops)
  221,500 489 125 D C

Santa Barbara
WA6FGV 312,816 627 147 A A
AG6RT 734,160 1493 190 A A
W6TK 708,084 1413 178 A C
N7WLC 35,632 264 68 B B
W6RJQ 35,040 219 80 B B
K6RSD 15,312 133 58 B B
WB6L 323,046 1241 131 B C
WA5VGI 264,224 1357 127 C C
AC6DD 636,864 1296 124 C C
W7CB 205,128 531 99 C C
W6BKY 25,480 130 49 C C
WA6BMH (KE6DKU,KO6WZ,KA6WZR,
  KE6BBP,ops)
  14,994 110 51 D N

Santa Clara Valley
K6XX 565,060 936 190 A A
K6EP 306,822 369 147 A B
W6YX (N6DE, op)
  1,474,954 2280 221 A C

K6RB 996,060 1792 195 A C
K6GT 418,320 836 168 A C
AE6Y 125,856 317 114 A C
KF6UTE 55,338 401 69 B B
AD6CL 10,736 128 44 B B
AD6ID 966 26 21 B B
K6III 101,592 309 83 C A
W4NJK 46,644 181 69 C A
KB6FPW 27,048 138 49 C A
WD6DX 144,072 419 87 C B
K8PO 839,016 1644 129 C C
N6ZB 518,752 1128 116 C C
W9MAK 68,340 252 67 C C
W6ISQ 988 19 13 C C
K6EI (+KG6HRK)
  111,644 302 113 D B
K6IF (+N6NF)
  1,378,608 2254 231 D C
W6OAT (+packet)
  367,416 660 162 D C

San Diego
WN6K 730,184 1515 182 A B
K7JJ 411,950 782 175 A C
N6VH 363,072 680 183 A C
W6QU (W8QZA,op)
  71,820 402 90 B A
W6CN 45,318 251 91 B A
AA6EE 35,192 165 53 B B
W6MVW 19,796 102 49 C B
N6KI (+packet)
  341,700 1013 85 D C
K6HAI (N6UN,W6LLO,K6WHL,KB9DD,
  KQ6YQ,W7JBC,W6JXA,W6REW,
  W6SDW,ops)
  112,040 445 113 D C

San Francisco
N6KM 24,444 125 63 A A
K6PUD 286,744 756 146 A B
K6OWL 71,232 239 106 A B
KC6AWX 238,876 988 122 B B
W6ESJ 60,520 343 89 B B
K6UUW 28,944 208 72 B B
N6NVF 21,168 171 63 B B
K9GQ 7,360 84 46 B B
W6JTI 338,360 770 110 C A
AD6TF 219,648 639 88 C B
KM6TG 154,560 419 92 C B
AA6DX 90,596 325 71 C B
KQ6NN 87,216 317 69 C B
K6RIM 52,488 246 54 C C

San Joaquin Valley
NT6K 775,456 1488 176 A B
N6IV 918 21 17 A B
KA6BIM 1,133,528 1942 242 A C
KS6H 738,916 1255 202 A C
W6TE 367,800 1116 150 B C
W6FRH 36,288 253 72 A C
N6IIU 249,612 1033 122 B B
WI7F 42,900 292 75 B B
K6PG 34,080 213 80 B B
AA6GZ 13,780 134 53 B B
K6ZJ 34,800 179 50 C B
N6HK 20,604 100 51 C B
KN6YD 8,096 45 44 C N
WA6ALA (+KA6VAO)
  56,376 327 87 D C

Sacramento Valley
W6UT 901,728 1491 202 A B
WX6V 500,040 1008 185 A B
K6LRN 321,100 614 169 A C
KI6T 267,976 526 164 A C
KC6SEH 227,424 1115 103 B B
N6SNO 55,892 319 89 B B
KJ6RA 24,310 191 65 B B
K6NO 26,558 272 49 B C
W6EU 61,320 213 73 C A
K6KYJ 232,064 594 98 C B
K1ES 231,012 627 93 C B
K5SG 108,048 491 93 C B
N6JV 462,720 961 120 C C
K6TA 114,531 381 66 C C
KM6SE 35,040 147 60 C C
K6KM (W6QD,W6SR,ops)
  1,462,648 2075 242 D C

7
Alaska
KL7Y 425,020 892 158 A B
AL7PJ 66,976 274 92 A B
KL7FAP 257,136 1470 88 B B
KL7JR 39,312 273 72 B B
WL7DB 29,536 145 52 B B
KL7WV (W3YQ, op)
  241,632 841 72 C C
KL7RA (+KL7AC,N1TX,NL7Y)
  1,978,636 3044 233 D C

Arizona
N3AIU 472,196 813 194 A B
K7TR 193,032 696 126 A B
KN5H 106,088 315 89 A C
NQ7X 31,200 199 80 B A
W7ZR 536,364 1908 141 B B
W3ZZX 349,952 1378 128 B B
KB7XL 268,940 1135 119 B B
KG9JP 56,938 346 83 B B
KØTW 47,376 252 94 B B
KR4QI 14,152 123 58 B B
N7TWB 12,768 115 56 B B
K7XZ 489,056 1981 124 C B
WX7P 294,192 1366 108 B C
NF7E 190,960 1096 88 C C
K7RE 296,100 716 105 C C
K7ON 440,892 1004 111 C B
K7HP 260,760 623 106 C B
W7YS 212,160 520 102 C B
KJ7WY 200,208 577 97 C B
N7MAL 200,208 523 97 C C
W2HTX 54,824 178 77 C B
W7ZMD 28,912 141 52 C B
N7KU (NJ6D, op)
  1,087,720 1949 142 C C
K7UAZ (N4OGW, op)
  906,660 1686 135 C C
W7IBM (NØADI,WR7A,N7DZ,K7NX,
  KF7SI,N7SQF,ops)
  877,600 1534 200 D C

Eastern Washington
KC7WUE 35,616 168 84 A B

W7LGG 93,564 299 113 A C
W7WKB 30,730 224 65 B B
K7MM 309,872 730 107 C A
K7GS 140,592 410 87 C A
NU7F 88,956 360 63 C A
W7GB 21,008 100 52 C B
N5AR (+K7OX,WA7LT)
  1,170,596 2290 194 D C
N7BES (+WB7VNY)
  513,246 2271 113 D C
K7JAR (N7CKJ,AB7IZ,KC7TTM,
  KC7KPA,ops)
  102,660 596 87 D C

Idaho
W7UQ (KL9A, op)
  1,359,150 2116 221 A B
KD7JEG 31,598 258 61 A B
KG7WZ 9,266 113 41 B B
K7ZO 134,460 749 90 B C
K0TO 27,324 300 46 B C
KK7A 14,000 100 35 C A
WX7G 12,276 92 33 C A
K7TQ 12,212 80 43 C A
W7QDM 220,728 544 102 C B
KA7T 194,012 542 91 C B
N7ZN 5,376 48 28 C B
KJ7TH (+KW7N,KD7AKN)
  378,102 1544 123 D C

Montana
K7PGL 340,690 950 155 A B
N7YY 219,744 471 144 A B
NA7NA 293,728 678 137 A C
K7ABV 36,022 192 83 A C
WB0SMS 228,032 1023 112 B B
AC7OW 220,180 1099 101 B B
KK7UV 157,732 845 94 B B
KC5YED 117,370 621 97 B B
KD7IIC 32,996 226 73 B B
AC7GM 2,604 29 21 C A
KE7NO 162,288 496 84 C B
K7BG 913,376 1687 136 C C
KS7T 307,352 751 103 C C
K7ETT (+AB7RS)
  286,464 1127 128 D C

Nevada
W1RO 28,832 179 53 A A
W7PW 22,920 163 70 B B
W7EB 429,624 1839 117 B C
N7NTN 381,024 1522 126 B C
N7ZT 243,980 1109 110 B C
K7QE 62,220 370 85 B C
N7ON 115,900 311 95 C B
N7PU 36,540 148 63 C B
K7NV 929,280 1775 132 C C
NV7A (K5RC+Packet)
  227,220 2608 253 D C

Oregon
KI7Y 848,138 1344 199 A B
AA7LE 134,708 476 119 A B
K7MI 1,735,284 2573 246 A C
K7ZZ 1,132,880 2213 196 A C
K0JJ 470,112 1131 177 A C
KD7IEB 23,140 178 65 B A
N7XB 28,860 227 65 B B
N5ZR 384 16 12 B B
W7EJ 337,830 2818 149 B C
W7ZB 581,360 2246 130 B C
W7FP 279,654 1112 127 B C
KE7GI 233,130 1234 95 B C
WB7TIR 33,120 230 72 B C
N7OU 362,792 995 101 C A
KD7CTF 60,268 249 61 C A
K7EL 29,808 163 46 C A
N7OR 509,960 1165 110 C B
W7YAQ 105,644 343 77 C B
AD7L 34,128 158 54 C B
AA7IH 23,312 129 47 C B
N6TR 5,684 50 29 C C
W7NYW (KD7IEB,N7CMH,KK7OF,
  KD7IDO,KD7GHR,N7DLH,ops)
  8,448 96 44 D N
K7EMI (+packet)
  8,112 79 52 D N
W7GG (+K7ZUM,KC7TWZ,KD7BSW)
  1,556,986 2632 223 D C
K7UQT (+W7OT)
  294,048 835 144 D C

Utah
WA7LNW 367,812 718 153 A A
W7TU (W8EQA, op)
  353,808 625 182 A B
WA7YAZ 307,768 632 146 A B
NS7K 219,402 499 153 A B
N7VM 85,212 529 81 B B
K1IF 480,128 1991 121 B B
W7CT 690,176 1356 128 C B
W7HS 142,680 408 87 C C
W7GT 72,000 245 75 C B
AK7O 39,008 191 53 C B
W7UT 808,896 1541 132 C C

Western Washington
W7CD 149,184 360 126 A A
W7QN 50,008 892 162 A B
KD7GTI 435,520 745 160 A B
AC7LX 166,840 405 132 A B
N0AX 111,860 308 85 A B
K7LOG 52,272 203 88 A B
N7LOX 1,381,856 2188 217 A C
W7PE 136,348 766 89 B B
KG7RZ 33,086 233 71 B B
KB7PKC 178,416 836 108 B B
NS7N 52,152 320 82 B B
KB7OIE 22,538 191 59 B B
KC7MAW 17,160 161 52 B B
K7ATA 13,572 117 58 B B
W7JAM 9,700 100 50 B B
K7RI 914,252 3172 132 B C
WB7BST 218,768 976 113 B C
WG7P 44,880 264 85 B C
WG7X 32,266 228 73 B C
KD7E 20,048 181 56 C A
KH7YD 158,780 497 85 C B
N7FDU 128,088 703 78 C B
AB7RW 258,020 672 95 C C
WB7FJG 49,712 236 62 C C
K1LKR 119,196 394 71 C C
NG7Z 110,704 382 74 C C
W7QQ 884,000 1639 136 C C
N4SL 566,364 1314 109 C C

```
N7ETC      289,872  730  99  C C
N7YX (+N6HR)
           951,200 1609 205  D C
N7KE (KB7N,N7BSR,W7QC,W7VP,
KD7GIM,N9KAH,NW7DX,W7FU,
AC2K,ops)
           553,356 1263 171  D C
N7PP (N7DOE,WA7IVO,W7NTF,N7FIT,
NN7L,W7BUN,ops)
           515,862 2109 133  D D
```

Wyoming
```
W0ETT/7     11,016  153  36  A B
N7JT        16,750  125  67  B A
WG7Y       252,846 1299  99  B B
AC7AF       60,928  271  56  C A
```

8
Michigan
```
K8GT       348,840  579 190  A A
K8AAX      237,380  500 143  A B
WX3M       198,852  407 146  A B
K8IA        62,814  239  87  A B
WA8OEM      52,992  210  72  A A
N8VEN       25,740  154  55  A B
KD8DX       22,218  124  69  A B
N8MG        14,208  115  48  A B
WA8AEN       1,364   31  22  A B
ND5S     1,086,072 1345 236  A C
N8KIE      113,448  496 116  B B
N8WK        74,496  388  97  B B
K8KHZ       68,544  367  96  B B
N8KZG       59,032  316  94  B B
K8ESQ       58,422  322  91  B B
W8BFX       50,730  269  95  B B
KD8BD       28,000  200  70  B B
KG8AO       20,880  181  58  B B
WA8YLZ       1,178   31  19  B B
KC8IJZ         616   24  14  B B
K8CC (K8NX, op)
           530,816 1863 143  B C
W8WD       519,116 1755 149  B C
AA8PA      398,748 1430 141  B C
W8JY       139,440  582 120  B C
K8SIA      104,052  302  87  C A
W8MJ       683,008 1348 128  C B
K8IR       384,680  821 118  C B
W8DO/M     137,720  313 110  C B
K8KU        57,024  202  72  C B
KB8PGW      12,800  104  32  C B
KB8UMD       1,224   34   9  C B
N8EA       652,764 1234 133  C C
KT8X       373,932  807 117  C C
K8JM       292,448  710 104  C C
W8RU       249,536  561 112  C C
K8DD        67,536  206  84  C C
KC8ELY (N8NJE,N8MMF,N8MPO,ops)
            16,900  173  50  D B
K8MV (+packet)
           506,880  891 144  D C
```

Ohio
```
N8OH       134,730  406 135  A B
K8NVR       76,320  252 120  A B
WT8E        38,250  190  85  A B
N8BJQ    1,204,280 1675 238  A C
K8MR       696,780 1190 210  A C
N8KM       529,340 1284 190  A C
K8AZ (K8MR, op)
           354,908  719 166  A C
ND8L       237,336  420 186  A C
K9TM       201,150  536 135  A C
NC8V        10,404   71  51  A C
N8WL        57,594  333  87  B A
N8XA        36,400  200  91  B A
W8DD       305,532 1112 138  B B
N8GZE      153,750  639 123  B B
KB8UUZ     134,552  564 121  B B
KC8OPP     121,104  525 116  B B
W8KNO       52,940  445 104  B B
N1IZP       89,244  406 111  B B
WD6ADM      59,784  324  94  B B
K8VUS       29,088  205  72  B B
KA8JXG      14,560  132  56  B B
N8XWO        6,132   73  42  B B
N8MFS        4,680   60  39  B B
WZ8P       210,420  844 126  B C
W8PG        38,356  228  86  B C
WB8RTJ     133,128  387  86  C A
W8VE       118,864  327  92  C A
K8ZT        20,160  145  48  C A
AF8A       232,300  506 115  C B
W8PN       217,124  534 103  C B
W8IDM      107,904  281  96  C B
AD8P        98,644  275  91  C B
N8CPA       92,820  261  91  C B
W8GOC       65,520  212  78  C B
N8EW        52,852  183  73  C B
K8FH        51,168  165  82  C B
N8XP        44,800  192  64  C B
W8AV       933,792 1659 142  C C
N8PW       155,736  393 103  C C
K8AJS (+packet)
           465,888  848 138  C B
W8TTS (+packet)
            60,800  306 100     B
N8HUG (+N9AG)
            17,816  139  68  D B
N8NR (+N9AG)
         1,842,400 1984 280  D C
N0FW (+W8GEX,N8WJM,W8KJ,
W8QID,K8FL,WA8LOW)
         1,136,754 1885 243  D C
K8ND (+packet)
           422,646  693 203  D C
W8FT
 (N8ET,AA8UP,AD8P,N8RMT,N8RMF,
AA8IV,AA8KJ,ops)
           342,210  607 187  D C
```

West Virginia
```
K5IID      334,640  588 178  A A
N4ZR     1,667,250 2029 247  A C
K2UOP      621,150  982 205  A C
W8UMR       90,620  394 115  B B
WR0N        22,512  169  67  B B
KV3R       672,672 1300 144  B C
N4SEA      167,500  679 125  B C
WA8WV      112,424  300  94  C A
K8OWL       37,800  175  54  C A
N8II        26,028  536  97  C B
K3JT       674,416 1391 122  C C
K8OQL      340,548  772 111  C C
W8ZA (+packet)
            11,330   55  50  D B
```

9
Illinois
```
KG9X       886,650 1064 257  A A
W9HL        28,728  146  63  A A
N9WW        14,740  110  55  A A
KX9DXA     588,242 1094 197  A B
W9IL       508,400  721 205  A B
K9JE       301,088  591 194  A B
K9AA (K9PG, op)
           227,650  487 157  A B
K9OR       182,682  346 153  A B
K9XE       151,504  323 136  A B
N9KO       127,452  316 129  A B
KB9CRY     122,880  408 128  A B
K9IJ       114,954  307 119  A B
N9TF       105,600  253 110  A B
KG9PF       94,070  346 115  A B
K9OZ        46,656  189  81  A B
AA9NF       44,844  171  74  A B
WA9FIH      40,698  205  63  A B
N9EP        36,380  131  85  A B
N9GUN       28,656  128  72  A B
AB9BH       22,704  132  66  A B
W9LNQ       22,458  111  57  A B
N9KHR       21,204  135  57  A B
N9BT        10,528   74  47  A B
KK9DX        8,560   59  40  A B
W9DY/M       8,362   80  37  A B
WA9LAY       7,380   89  41  A B
WB9RRO       2,688   49  28  A B
WB9Z     1,503,326 2398 253  A C
K9UQN      423,256  674 191  A C
KG9N       266,166  557 159  A C
N9QQK      260,480  494 176  A C
WX9U        79,288  224 106  A C
NC9F (K0PG, op)
            29,536  140  71  A C
W9XG (K2DRH, op)
           447,552 1563 144  B B
NA9D       307,032 1180 132  B B
K9JLS      241,488  942 129  B B
NV8V        79,104  415  96  B B
N9MSF       72,708  438  83  B B
NW9V        65,096  320 103  B B
KD9AC       65,000  331 100  B B
N9VKE       63,168  346  94  B B
W9XB        53,568  279  96  B B
WA9CCQ      45,730  276  85  B B
W9JJT       41,664  248  84  B B
K0HNM       38,916  207  94  B B
AA9RT       34,632  226  78  B B
KF9US       32,528  220  76  B B
KC9ANR      25,480  201  65  B B
W9LYN       25,134  178  71  B B
WD9CIR      24,816  189  66  B B
KM9Z        17,554  131  67  B B
K9VIC       13,824  129  54  B B
N9LAH       12,296  118  53  B B
N9MYC       10,272  107  48  B B
N9TUQ        9,752  109  46  B B
K9KMD        7,462   91  41  B B
WO9S         7,120   91  40  B B
K9WJC        4,818   75  33  B B
N9EYF        2,538   54  27  B B
KA9NPT       2,160   47  24  B B
N9ALC        1,620   30  27  B B
N9YPN        1,200   30  20  B B
N9MBR        1,040   40  20  B B
WA9LKZ         476   20  14  B B
N2BJ       692,750 2136 163  B C
K9ZO       489,600 1714 144  B C
N9LCR      293,520 1228 120  B C
K9MOT (W9PW, op)
           287,496 1095 132  B C
KF9TI       93,772  416 119  B C
W9TMW       43,700  232  95  B C
KB9ORA/M     1,656   46  18  B C
AA9KH       34,048  134  64  C A
WB9MII       1,400   25  14  C A
N9IJ         1,380   23  15  C A
K9WA       425,040  806 132  C B
W9OA       331,520  749 112  C B
K9QVB      296,576  669 112  C B
K9CW       171,628  403 107  C B
WA9AQN     118,976  341  88  C B
K9CC       101,320  307  85  C B
K9GY        99,360  279  90  C B
WD9ISG      75,140  227  85  C B
W3HDH       66,192  199  84  C B
N9BOR       65,604  233  71  C B
AD4OS       47,280  202  60  C B
N9MZP       22,600  119  50  C B
N9LGP        4,864   64  19  C B
K9BGL      994,000 1784 140  C C
W9YYG      617,760 1161 135  C C
W9OF       612,168 1111 138  C C
N9CO        83,100  280  75  C C
K9NU        45,240  178  65  C C
KF9TL (+KE0FT,KG9IE)
           298,792  646 169  D B
N9MSG (+packet)
            90,304  252 136  D B
KI9A (+WE9A)
         1,880,046 2127 301  D C
K9RR (+packet)
           273,854  401 217  D C
N9OH (+packet)
            24,012  128  58  D C
W9OL (+packet)
            12,240   66  51  D C
```

Indiana
```
N4IY        15,548  101  46  A A
K9DIY       10,800   90  34  A A
KJ9C       914,368 1138 224  A B
K9BG       588,748  828 206  A B
KC9FC      172,584  455 153  A B
WT9U       159,444  383 129  A B
W9TN       108,790  284 115  A B
W9BS        88,404  209 139  A B
K6OMB       85,690  251  95  A B
K9MI        76,336  270 104  A A
K9NW     2,374,848 2775 279  A C
W9RE     2,343,780 2929 261  A C
W9IU     1,167,012 1744 198  A C
K8LEE      871,080 1353 228  A C
K9RU       356,748  741 186  A C
N9LF        20,992  164  64  A C
N9NGG      121,158  477 127  B A
KB9IVB      99,604  404 116  B B
WA1MKE      81,792  427  96  B B
WA8UEG      74,472  348 107  B B
WD9ATU       8,064  113  36  B B
KG9H         1,404   27  26  B B
KC9OP      127,750  518 125  B B
AE9YL       65,302  320 103  B B
K9JWI      143,208  352 102  C B
K9IG        36,816  156  59  C B
N9RV (+W8LVN)
         2,533,496 2909 281  D C
K9IZ (KE9I,AJ9C,N9LAH,ops)
         1,055,902 1522 239  D C
NZ9R (+packet)
           232,800  495 120  D C
K9WX (+packet)
           198,450  411 147  D C
```

Wisconsin
```
AF9J        20,448  135  48  A A
WE9V     1,520,610 1844 273  A A
N9UA       437,976  715 198  A B
K0SN       410,310  780 141  A B
W9WUU      178,528  410 112  A B
K9KR       140,140  376 143  A B
W9XT     1,475,496 1962 243  A C
N9CK     1,151,572 1412 223  A C
WA9IRV     253,518  504 141  A C
KF9YR      115,290  343 128  A C
NF9V       111,930  314  91  A C
NE9U       316,470 1161 137  B B
NS9R       109,890  495 111  B B
WB9PUB      53,820  299  90  B B
NG9L        49,242  290  87  B B
K9UJH (N9MUC, op)
            30,222  209  73  B B
K9JIG       26,910  200  69  B B
KB9LIE      21,808  189  58  B B
K9VS         3,444   82  21  B B
N9PQU      203,840  793 130  B C
W9JA       123,234  446 141  B C
N9NE       339,040  656 130  C A
W9WAQ      178,308  381 117  C A
N9CIQ      157,748  350 113  C A
AA9PB      106,304  314  88  C A
WA1UJU      74,760  268  70  C A
N9XX       263,064  583 113  C B
W9LO       184,576  461 103  C B
KB9Q        13,440   84  40  C B
N9GBB       13,328   98  34  C B
N9EZ        12,556   74  43  C B
W9OP       539,220 1053 129  C C
W9GXR      460,044  982 117  C C
KB9KEG (+packet)
            17,388  124  63  D B
W0AIH (+KB9S,KM0O,KT0R)
         2,396,672 2845 302  D C
K9WIS (+KB9OHO)
            90,678  262 119  D C
```

0
Colorado
```
N0KE       615,832 1005 196  A A
W0HEP      189,216  465 146  A A
WV7T         6,384   52  38  A A
WB0HZL       6,080   49  40  A A
W0RSR      261,284  493 166  A B
K0XE        49,980  162  98  A B
K0KR     1,964,592 2593 252  A C
N0KV     1,161,430 1841 215  A C
W0DET       61,074  215 117  A C
KK0Q       112,918  566 101  B A
KI0ND       37,008  264  72  B A
KT0DX      399,052 1493 134  B B
KF0UR      269,266 1344 101  B B
KC0GBC     128,968  692  94  B B
KC0KSA      26,384  195  68  B B
KF4MDW      13,050  149  45  B B
W0CBH        5,504   66  43  B B
KC0LGY       2,160   40  27  B B
W0LSD      455,328 1596 144  B C
N0TK        88,800  300  74  C A
K0CV        53,312  238  56  C A
K1EQA       34,400  172  50  C A
K0CO        17,120  112  40  C A
K0UK        91,924  353  67  C B
N2WW        84,620 1770 135  C C
W0CP       400,472  891 113  C C
KF0U
           228,096  586  99  C C
K0USN (WV7T,N0QJS,ops)
               816   24  17  D A
N0IO (+KC0LEF)
            92,820  460 102  D B
KV0Q (+N0NR,KT0F)
         2,515,716 3017 298  D C
AB0MV (+AE0Q)
           846,498 1378 193  D C
K0GAS (+KJ0G)
           676,296 1212 202  D C
N0LM (W0CBH,N0LP,W0ETT,
KB0UBZ,KB0YRZ,W0HXB,KC0FXI,ops)
           326,060  662 170  D C
W0RUN (+KC0JXW)
           156,780  546 134  D C
```

Iowa
```
K9IUA       14,000  105  40  A A
K0SRL       37,398  186  69  A B
NS0B        35,644  158  67  A B
K0XD        19,788  126  51  A C
K1GD        84,864  410 104  B B
K0VM        56,070  320  89  B B
W0ISU (N0YWI, op)
            35,768  270  68  B B
W0ETC      690,384 2288 152  C D
K0DAS      281,952 1075 132  C C
W0PPF       66,048  344  96  C D
NO9S         1,288   23  14  C A
KB0JSH     251,328  632 102  C C
```

Kansas
```
WB0YJT     129,774  421 129  A A
KB0MZG     111,492  481 114  A A
N0QE        89,496  378  99  A A
KC0IDI      38,232  191  74  A A
WB0ZWW      25,584  151  78  A A
K0XM        22,952  124  76  A A
KA0BHO      19,328  145  64  A A
N0QOM       24,008  208  53  A A
KC0IUW      52,548  307  87  B B
KC0GL       41,072  343  71  B B
W0IE        31,050  211  75  B B
WA5SWN      12,420  115  54  B B
K0LLS        8,140   74  55  B B
KA0EIC       8,216  137  46  B B
N0UU       378,162 1352 141  B C
K0WA       143,080  373  98  C A
K0FPC        7,920   66  30  C C
K0RY        87,048  287  78  C B
K0BJ        83,904  280  76  C B
WN8P        50,688  198  64  C B
KI6DY       40,068  191  53  C B
KG0UA      247,244  549 113  C C
K0GY (+W0TM)
         1,115,932 1592 227  D C
W0NO (+AB0S)
         1,057,122 2055 209  D C
```

Minnesota
```
K0PC       298,832  588 152  A A
N0AT     1,351,336 1869 236  A A
K0OB     1,128,064 1678 224  A A
N0HJZ      928,738 1671 233  A B
K0MPH      248,200  545 146  A B
WB0GGM     243,552  555 177  A B
WJ0M       212,128  529 112  A B
WA2MNO     126,558  453  89  A B
N0BM        32,744  121  69  A B
W0ZQ       632,412 1063 198  A C
K0KX       610,490  927 205  A C
W0OR       386,310  725 163  A C
K9WIE      355,816  635 158  A C
W0MN         2,208   41  24  A C
WA0VBW     168,990  645 131  B A
KF0GX       18,666  183  51  B A
WD9EWK         782   24  17  B A
AC0W       472,472 1657 143  B B
KA0DAQ     144,480  694 105  B B
AD0W       141,696  592 123  B B
K0COM      125,760  536 120  B B
WB0TNH      99,792  468 108  B B
WR0DK       88,752  524  86  B B
WA2HFI      64,152  398  81  B B
K0BUD       54,400  345  80  B B
N0PI        50,086  318  79  B B
KB0ZW       15,744  166  48  B B
KB0OQQ      11,792  134  44  B B
N0PO         9,462   85  57  B B
W0TFS        3,068   61  26  B B
KA0HRT       2,600   54  25  B B
K4IU        48,306  294  83  B C
N0MGQ        9,090  105  45  B C
N0UR       385,720  793 123  C A
K0VH        13,284   85  41  C A
W0GQX      284,480  632 112  C B
KN0V       272,360  624 110  C B
KE0UI      230,928  579 102  C B
WA0BNX     184,008  451 102  C B
K0TK        91,872  272  87  C B
K0TG        22,000  110  50  C B
N0XTN       21,320  129  41  C B
W0HW        15,300   91  43  C B
K0SR       993,524 1830 137  C C
N0IJ       322,380  689 110  C C
K0QC (+packet)
           208,376  427 122  D B
KR0B (+N0BKL,KS0T,KJ0B,N0RA,
K0KP)    1,719,648 2379 252  D C
W0BV (+K0YYV)
           685,520  986 220  D C
KI0F (+N0BUI)
           681,120  929 240  D C
K0AD (+packet)
           201,016  599 161  D C
K0HB (+K0CKB)
            50,716  207  62  D C
WG0M (+packet)
            44,370  191  85  D C
```

Missouri
```
AE9B       535,088 1502 231  A A
KG0US      753,990 1242 205  A B
KA0GGI     743,886  988 221  A B
K0GN       666,094 1040 187  A B
W0YZZ      113,336  332 124  A B
KF8UN       96,150  333  85  A B
WA0IYY      73,980  237  90  A B
AA0RT       17,346  129  49  A B
K0DAT       24,648  158  78  B B
N9TRO       21,248  166  64  B B
KK2G        16,302  147  57  B B
KG0KP        8,712  102  44  B B
KC0LCX       2,080   53  20  B B
K0EMT        1,800   45  20  B B
AB0OX          160   10   8  B B
K0DAN      385,984 1308 148  B C
KB0LW       34,960  241  76  B C
W0RL         1,768   36  26  B C
N0SS        56,736  198  72  C A
KS0M       110,592  296  96  C B
K2VV       144,240 2328 145  C C
K0JPL      104,192  297  88  C C
KB5ENP (+KE6SDQ)
            77,120  252  80  D C
K0LIR (K0RAY,W0AIYY,ops)
             2,652   43  17  D C
```

North Dakota
```
WC0G         9,512  107  41  A A
K0UD       252,960  894 136  A B
W0WT        76,744  724 106  A B
WB0O       901,016 1690 134  C C
```

Nebraska
```
KT0K       845,012 1308 206  A B
K0IL       160,284  430 114  A B
K0XU        84,456  370 108  A B
K0PFV       24,832  197  64  A B
K0DG       805,980 1937 190  A C
KI0II          198   14   9  B A
NU0C       114,760  612  95  B B
N0LGU       78,182  408  97  B B
KE0BZ       69,184  376  92  B B
W0MDS       64,080  362  89  B B
NE0DX       30,096  152  99  B B
N0SCE       10,212   74  69  B B
WZ0L         2,592   54  24  B B
N0LZ         1,120   35  16  B B
AB0FX          720   15  12  C B
WN0L       182,856  415 114  C C
```

South Dakota
```
WB0ULX      76,518  353 109  B B
N0UD/M (WB0OAJ,op)
               270   15   9  B C
W0SD (W0DB, op)
         1,237,236 2173 143  C C
KD0S (+W0DT,KC0CHJ)
           923,560 1636 220  D C
```

Canada
Maritime
```
VE1JS      142,040  418 134  A B
VE1OP    1,594,104 2017 254  A C
VY2SS      258,804  626 158  A C
VX1ASJ      50,396  296  86  B B
VX9UN       46,410  263  91  B B
VY2LI        2,496   50  26  B B
VX9DX      282,552  588 122  C C
VE1GN      170,280  430  99  C B
VX9FX (+packet)
            77,988  235 134  D C
```

New Brunswick
```
VX9DXR (VE9DXR,op)
           139,284  557 106  B B
VE1KB       89,640  249  90  C B
```

Newfoundland-Labrador
```
VO1MP    1,097,796 1881 147  C C
VO1S (VO1WET,VO1MX,ops)
           508,762 2015 127  D C
```

Quebec
```
VX2AWR     690,100 1009 206  A B
VA2ADB      86,726  430 103  B B
VE2LHP      42,432  278  78  B B
VE2OWL     101,160  285  90  C C
VX2EM        1,284   50  26  B A
VX2CUA (VE6TC,VA2SMF,VE2OCT,
VE2ARW,VE2KXD,ops)
           153,402  695 111  D C
```

Ontario
```
VE3WZ       49,434  187  77  A A
VG3EF (VE3MQW, op)
           562,666  877 221  A B
VA3IX       18,576  139  54  A B
VX3AT    1,964,326 2567 251  A C
VX3KZ    1,320,060 1889 245  A C
VE3EJ       97,180  248 113  B A
VE3BUC     235,710  878 135  B B
VE3SHL      83,022  411 101  B B
VA3SWG      62,016  327  96  B B
VE3UDN      49,858  261  97  B B
VY2MGY      42,742  320  71  B B
VE3EBN      27,974  199  71  B B
VE3NQM      17,784  157  57  B B
VE3DUN       5,850   76  39  B B
VA3TSL         342   19   9  B B
VE3IGJ       6,000   63  25  C A
VA3OR        3,744   36  26  C A
VA3RU      729,504 1349 136  C B
VA3MO      485,044 1028 119  C B
VE3KP      370,188  822 113  C B
VE3UKR     117,216  339  88  C B
VA3UZ    1,224,308 2034 151  C C
VE3UA      711,816 1363 133  C C
VE3HG (+VE3RZ,VE3HKC,VA3GGF)
           917,168 1213 266  D C
VA3PRC (VA3ALT,VA3MAH,VE3HTW,
VE3KVD,VE3TPZ,VE3YBM,ops)
            33,048  208  81  D B
```

Manitoba
```
VE4YU      563,170  951 199  A B
VE4HAZ      29,120  235  65  B B
VE4IM      221,704  520 107  C C
VX4GV (VE4GV,VE4EA,ops)
           394,784 1063 146  D B
VX4VV (VE4XT,VE4VV,ops)
         1,094,321 1733 238  D C
```

Saskatchewan
```
VE5QRP      45,650  183  83  A A
VX5UF    1,354,500 2162 210  A B
VE5SF      997,904 1753 188  A B
VE5AAD      43,364  293  74  B B
VE5JL       21,708  137  81  B B
VG5DX      738,090 2666 139  B C
VE5CPU      19,400  197  50  B C
VE5BCS/M     2,808   54  26  B C
```

Alberta
```
VE6TN       65,472  210  93  A A
VX6JY (VE6WQ, op)
         2,246,508 2878 279  A C
VE6ZA      233,512 1166 101  B C
VX6BF (VE6BF,op)
           105,952  342  77  C A
VX6LB VE6LB
            45,408  271  89  D C
```

British Columbia
```
VE7IN      349,648  848 164  A B
VE7XB      218,960  607 136  A B
VE7UQ       45,414  225  87  A B
VX7CC    2,168,716 3060 253  A C
VG7DP      253,368 1388  92  B B
VE7NS      141,708  727  98  B B
VG7DX      382,204 1792 107  B C
VE7XO       53,136  328  81  B C
VA7DER (VE6BIR, op)
            37,944  186  51  C A
VE7UF      441,384 1046 106  C B
VE7FO      399,832  956 106  C B
VE7XF      325,632  770 106  C B
VE7NH      223,488  581  97  C B
VA7LC      166,148  575  73  C B
VA7MAR (VE7EMN,VE7EOE,VE7ZBK,
ops)        83,168  347  92  D C
```

Northwest Territories
```
VY1JA      211,700  733  73  C C
```

Checklogs
9A7ZZ, DK3AX, DL5NA, DL7VRG,
EA5VR, EO1I, EW6MM, G3IGW,
G3PJV, HA8DL, HS0ZCW, JA0BPY,
JM1NHZ, K2OEI, K6FA, K6FM, KE0F,
KK0SS, KU4TF, L99D, LW7EGO,
LZ2DD, LZ4UU, N0RIW, OH2HEN,
OK1DSU, OK1DZD, OK2BOV, P49MR,
PA0IJM, PA3CNI, PA3HGF, PY3CQ,
RA3SL, RU3FS, RV3ID, S53AU,
SM0CMH, SM5ENX, SM6MVL,
SP3DIK, SP3XR, SP4IGV, SP5BYC,
SP5JSZ, SP6CDP, SP9CVY, SP9MCU,
UA0BA, UA3AVR, UA3DEE, UA4AVN,
UA6HON, UR5GDX, UR7M, V44NK,
VE3HMK, VE5GC, W8UE, W9JJS,
WA7ND, YL2UZ, YL5W, YO4RHK