

# 2012 International DX Contest (Phone) Scores

Scores are listed by DXCC Countries and ARRL/RAC Sections. Within each Country or Section, scores are listed in descending order, by power categories, followed by multioperator. Line scores list call sign, score, QSOs, multipliers, power (A = QRP, B = Low Power, C = High Power), and band.

## W/VE

### Single Operator

#### United States

#### 1

##### Connecticut

|        |         |       |     |    |
|--------|---------|-------|-----|----|
| N1TM   | 273,936 | 448   | 208 | A  |
| W1JQ   | 213,828 | 414   | 173 | B  |
| KA1WIF | 116,328 | 289   | 148 | B  |
| W1MHZ  | 108,528 | 283   | 133 | B  |
| N1JW   | 69,834  | 210   | 113 | B  |
| N1ZN   | 51,813  | 173   | 101 | B  |
| K1LEE  | 47,628  | 169   | 98  | B  |
| KB1EHE | 24,804  | 107   | 78  | B  |
| NV1P   | 18,624  | 99    | 64  | B  |
| AB1NG  | 11,544  | 78    | 52  | B  |
| K1MVM  | 7,965   | 60    | 45  | B  |
| WR1B   | 840     | 22    | 14  | B  |
| NN1N   | 777,780 | 897   | 290 | C  |
| K1RM   | 533,961 | 760   | 237 | C  |
| KQ2M   | 412,488 | 1,027 | 136 | C  |
| K1ZZ   | 362,274 | 500   | 242 | C  |
| W1WEF  | 315,381 | 508   | 209 | C  |
| KA1ZD  | 49,632  | 201   | 88  | C  |
| W1NHS  | 18,870  | 88    | 74  | C  |
| WA1OUI | 2,016   | 32    | 21  | C  |
| W3EP   | 52,428  | 262   | 68  | 10 |
| K1NYK  | 114,048 | 454   | 88  | 15 |
| W1AVK  | 86,856  | 336   | 88  | 20 |
| WF1G   | 61,200  | 268   | 80  | 20 |
| KM1R   | 19,032  | 112   | 61  | 80 |

##### Eastern Massachusetts

|        |         |     |     |    |
|--------|---------|-----|-----|----|
| N1SV   | 314,682 | 593 | 179 | B  |
| WA1DRQ | 240,120 | 438 | 184 | B  |
| KA1CH  | 108,468 | 265 | 138 | B  |
| W1DYJ  | 102,339 | 264 | 137 | B  |
| W1GXZ  | 92,106  | 240 | 129 | B  |
| K1VU   | 69,600  | 203 | 116 | B  |
| N1WRK  | 28,356  | 139 | 68  | B  |
| W1CRK  | 25,833  | 113 | 79  | B  |
| K1SM   | 19,152  | 116 | 56  | B  |
| N1NN   | 15,390  | 97  | 54  | B  |
| W1BJ   | 8,820   | 70  | 42  | B  |
| W1HFG  | 1,782   | 27  | 22  | B  |
| W1MJ   | 1,380   | 23  | 20  | B  |
| N1DD   | 592,020 | 794 | 253 | C  |
| W1HIS  | 422,244 | 639 | 222 | C  |
| K1LU   | 308,115 | 513 | 205 | C  |
| K1CN   | 233,496 | 414 | 188 | C  |
| AA1O   | 116,070 | 271 | 146 | C  |
| W1MK   | 19,404  | 99  | 66  | C  |
| AB1J   | 5,694   | 73  | 26  | 10 |
| KA1EKR | 38,400  | 204 | 64  | 15 |
| N1DC   | 34,161  | 197 | 59  | 15 |
| WB1EAZ | 3,348   | 36  | 31  | 80 |

## Maine

|       |         |       |     |    |
|-------|---------|-------|-----|----|
| W1CEK | 14,964  | 93    | 58  | A  |
| KA1C  | 112,128 | 295   | 128 | B  |
| KX1E  | 1,734   | 35    | 17  | B  |
| AI1O  | 28,500  | 128   | 76  | C  |
| K1YSY | 21,321  | 104   | 69  | C  |
| K1WHS | 60,279  | 288   | 71  | 10 |
| K8PO  | 516,006 | 1,587 | 109 | 15 |

## New Hampshire

|       |           |       |     |     |
|-------|-----------|-------|-----|-----|
| W1MR  | 256,608   | 500   | 176 | A   |
| WX1S  | 222,816   | 427   | 176 | B   |
| W1WWW | 125,664   | 276   | 154 | B   |
| N1IMW | 90,168    | 233   | 136 | B   |
| AC1J  | 54,237    | 184   | 101 | B   |
| W1GOU | 44,541    | 149   | 101 | B   |
| W1MSN | 16,065    | 90    | 63  | B   |
| NF1L  | 14,457    | 80    | 61  | B   |
| N1XUQ | 9,246     | 71    | 46  | B   |
| K1JCR | 5,040     | 42    | 40  | B   |
| N1MXJ | 420       | 14    | 10  | B   |
| K1ZR  | 2,644,323 | 2,516 | 353 | C   |
| K1VO  | 9,324     | 74    | 42  | C   |
| W1OHM | 2,646     | 42    | 21  | 15  |
| KG1V  | 34,776    | 162   | 72  | 20  |
| K1HAP | 2,700     | 36    | 25  | 160 |

## Rhode Island

|        |         |     |     |    |
|--------|---------|-----|-----|----|
| KO1H   | 246,024 | 412 | 204 | A  |
| W1KMA  | 153,546 | 334 | 157 | B  |
| WA1ESO | 29,475  | 142 | 75  | B  |
| N2ULF  | 23,256  | 103 | 76  | B  |
| W1JPZ  | 12,936  | 79  | 56  | B  |
| W1XX   | 709,128 | 946 | 252 | C  |
| WV1H   | 219,450 | 485 | 154 | C  |
| K1VSJ  | 19,740  | 142 | 47  | 10 |

## Vermont

|        |           |       |     |   |
|--------|-----------|-------|-----|---|
| N1UR   | 2,146,506 | 2,005 | 361 | B |
| KB1NHV | 56,274    | 169   | 113 | B |

## Western Massachusetts

|                 |           |       |     |    |
|-----------------|-----------|-------|-----|----|
| W1SRB           | 13,167    | 77    | 57  | B  |
| KB1DMR          | 8,832     | 66    | 46  | B  |
| W1WH            | 3,306     | 38    | 29  | B  |
| W1KU            | 300       | 11    | 10  | B  |
| K1MAZ           | 297       | 13    | 9   | B  |
| NC1I (K9PW, op) | 2,721,360 | 2,332 | 391 | C  |
| N1PGA           | 127,755   | 505   | 85  | 15 |

## 2

## Eastern New York

|        |         |     |     |   |
|--------|---------|-----|-----|---|
| AA2U   | 5,850   | 50  | 39  | A |
| WA2JQK | 422,154 | 510 | 282 | B |
| N2MTG  | 115,101 | 263 | 147 | B |
| N2JBA  | 99,774  | 246 | 138 | B |
| W2LP   | 98,280  | 239 | 140 | B |
| K2PH   | 89,010  | 233 | 129 | B |
| NT2I   | 88,500  | 239 | 125 | B |

|        |           |       |     |    |
|--------|-----------|-------|-----|----|
| W2NTV  | 52,722    | 181   | 101 | B  |
| W2MRD  | 15,795    | 81    | 65  | B  |
| KG2AF  | 7,800     | 65    | 40  | B  |
| WY1H   | 5,499     | 48    | 39  | B  |
| WB2HRK | 5,145     | 50    | 35  | B  |
| K2DL   | 714       | 17    | 14  | B  |
| K2XA   | 2,190,462 | 2,034 | 362 | C  |
| KM2O   | 730,608   | 991   | 248 | C  |
| K2JMY  | 237,456   | 419   | 194 | C  |
| N2JJ   | 122,094   | 308   | 133 | C  |
| K3QDV  | 109,056   | 306   | 128 | C  |
| KC2ZPK | 59,136    | 178   | 112 | C  |
| KJ2P   | 48,783    | 161   | 101 | C  |
| N2EIK  | 109,800   | 503   | 75  | 15 |
| WX2N   | 18,810    | 110   | 57  | 20 |

#### New York City-Long Island

|        |         |     |     |    |
|--------|---------|-----|-----|----|
| W2WGK  | 26,265  | 103 | 85  | A  |
| WB2ATZ | 151,803 | 304 | 167 | B  |
| W2OSR  | 45,600  | 165 | 95  | B  |
| WB2ZEX | 23,088  | 107 | 74  | B  |
| N2TBC  | 15,960  | 99  | 56  | B  |
| KC2MBV | 15,810  | 85  | 62  | B  |
| WA2RXS | 15,750  | 105 | 50  | B  |
| N2RQ   | 15,015  | 79  | 65  | B  |
| K2IZ   | 6,468   | 54  | 44  | B  |
| K2EL   | 5,040   | 48  | 35  | B  |
| KC2SYF | 2,250   | 30  | 25  | B  |
| K2JF   | 840     | 21  | 14  | B  |
| N2XDR  | 432     | 17  | 9   | B  |
| K2BBQ  | 115,983 | 265 | 147 | C  |
| WA2HMM | 75,756  | 243 | 107 | C  |
| WB2AMU | 11,322  | 102 | 37  | 10 |
| AG2T   | 72      | 6   | 4   | 10 |
| K2GV   | 101,376 | 358 | 96  | 15 |
| KC2JRQ | 1,377   | 27  | 17  | 15 |
| KD2MU  | 2,232   | 31  | 24  | 20 |
| W3EH   | 4,512   | 51  | 32  | 40 |

#### Northern New Jersey

|        |         |       |     |    |
|--------|---------|-------|-----|----|
| W2ID   | 423,360 | 590   | 240 | A  |
| W2JEK  | 2,835   | 35    | 27  | A  |
| K2DBK  | 155,040 | 325   | 160 | B  |
| N2RJ   | 126,177 | 309   | 137 | B  |
| AE2JL  | 99,429  | 253   | 131 | B  |
| KX2S   | 58,968  | 221   | 91  | B  |
| KC2WUF | 55,860  | 195   | 98  | B  |
| KC2WQD | 49,383  | 188   | 93  | B  |
| WA2LXE | 39,312  | 183   | 72  | B  |
| WB2PJH | 27,675  | 131   | 75  | B  |
| KA2ANF | 25,986  | 123   | 71  | B  |
| KB2YAN | 19,296  | 101   | 67  | B  |
| WB2IDV | 13,806  | 79    | 59  | B  |
| WS2L   | 6,600   | 56    | 40  | B  |
| KC2GLG | 5,184   | 49    | 36  | B  |
| K4BNC  | 383,295 | 507   | 253 | C  |
| K2FJ   | 174,474 | 367   | 162 | C  |
| KC2LST | 133,182 | 306   | 147 | C  |
| KC2QJB | 116,724 | 278   | 142 | C  |
| K2ZB   | 38,475  | 141   | 95  | C  |
| KC2KZJ | 15,876  | 99    | 54  | C  |
| W2UDT  | 9,243   | 83    | 39  | C  |
| W2AW   | 25,599  | 163   | 53  | 10 |
| KU2M   | 399,324 | 1,254 | 107 | 15 |
| WR2G   | 149,640 | 587   | 86  | 20 |
| KC2NB  | 55,350  | 234   | 82  | 20 |
| K2HVE  | 6,105   | 62    | 37  | 20 |

#### Northern New York

|        |           |       |     |   |
|--------|-----------|-------|-----|---|
| WA1FXK | 128,118   | 335   | 131 | B |
| KC2BEZ | 17,544    | 86    | 68  | B |
| K2XC   | 10,944    | 78    | 48  | B |
| W2RE   | 4,246,440 | 3,243 | 440 | C |

#### Southern New Jersey

|       |         |       |     |     |
|-------|---------|-------|-----|-----|
| KV2M  | 148,302 | 327   | 154 | B   |
| W2CCW | 37,269  | 124   | 101 | B   |
| K2WJL | 36,735  | 155   | 79  | B   |
| AB2IO | 13,356  | 86    | 53  | B   |
| N4NYY | 10,602  | 66    | 57  | B   |
| N2RM  | 957,474 | 1,358 | 238 | C   |
| W2MC  | 120,096 | 294   | 139 | C   |
| W2MF  | 12,126  | 88    | 47  | 160 |

#### Western New York

|        |         |     |     |     |
|--------|---------|-----|-----|-----|
| W2TF   | 485,685 | 659 | 251 | B   |
| NW2K   | 290,274 | 482 | 202 | B   |
| WA2YSJ | 135,945 | 285 | 159 | B   |
| AB2TC  | 118,875 | 319 | 125 | B   |
| AD2TM  | 78,210  | 245 | 110 | B   |
| N2WLS  | 68,250  | 183 | 125 | B   |
| K9CHP  | 49,995  | 169 | 101 | B   |
| N2NOM  | 32,940  | 123 | 90  | B   |
| N1IA   | 29,274  | 122 | 82  | B   |
| WB2SXY | 24,717  | 108 | 77  | B   |
| KV2X   | 15,399  | 95  | 59  | B   |
| N2DD   | 13,272  | 81  | 56  | B   |
| KC2JKU | 7,260   | 55  | 44  | B   |
| K2FEO  | 4,995   | 48  | 37  | B   |
| KC2SNW | 3,150   | 35  | 30  | B   |
| KDØFWZ | 1,638   | 28  | 21  | B   |
| W2IMY  | 216     | 9   | 8   | B   |
| W2LU   | 366,165 | 531 | 237 | C   |
| K2NV   | 315,462 | 529 | 203 | C   |
| WB2ABD | 203,967 | 400 | 173 | C   |
| N2ZN   | 83,820  | 223 | 127 | C   |
| KA2AEY | 13,680  | 98  | 48  | C   |
| K2SSS  | 52,800  | 276 | 64  | 10  |
| N2PP   | 274,428 | 928 | 99  | 15  |
| WS9M   | 24,624  | 154 | 54  | 20  |
| AE2NG  | 1,638   | 26  | 21  | 20  |
| W2VO   | 3,360   | 42  | 28  | 160 |

### 3

#### Delaware

|        |           |       |     |    |
|--------|-----------|-------|-----|----|
| K3CWF  | 78,996    | 229   | 116 | B  |
| W3RLO  | 5,031     | 46    | 39  | B  |
| AA1K   | 2,847,960 | 2,368 | 405 | C  |
| W3GNQ  | 97,290    | 292   | 115 | C  |
| WA2VQV | 270       | 10    | 9   | 20 |

#### Eastern Pennsylvania

|        |           |       |     |   |
|--------|-----------|-------|-----|---|
| KD3HN  | 300,381   | 453   | 223 | B |
| K3SU   | 87,792    | 272   | 124 | B |
| KB3EXB | 73,359    | 210   | 117 | B |
| N3WAX  | 49,896    | 156   | 108 | B |
| N3CR   | 21,735    | 118   | 63  | B |
| KB3SJS | 20,286    | 99    | 69  | B |
| K1DS   | 14,706    | 87    | 57  | B |
| W3LD   | 5,184     | 48    | 36  | B |
| KB3OPP | 2,448     | 34    | 24  | B |
| N3ACP  | 2,025     | 28    | 25  | B |
| W7LAS  | 864       | 18    | 16  | B |
| W3BGN  | 2,877,672 | 2,461 | 392 | C |
| N3RJ   | 445,536   | 638   | 238 | C |
| NW3H   | 328,830   | 499   | 226 | C |

|                             |           |       |     |     |                       |           |       |     |    |
|-----------------------------|-----------|-------|-----|-----|-----------------------|-----------|-------|-----|----|
| WA3YUR                      | 221,526   | 402   | 186 | C   | K4AB                  | 2,294,784 | 2,005 | 384 | C  |
| W3FVT                       | 195,048   | 390   | 172 | C   | NN4MM (K9MUG, op)     |           |       |     |    |
| K4JLD                       | 154,224   | 334   | 168 | C   |                       | 115,326   | 261   | 149 | C  |
| K3FMQ                       | 135,942   | 283   | 163 | C   | K4WI                  | 32,292    | 237   | 46  | 10 |
| K3MRG                       | 99,414    | 268   | 126 | C   | AG4W                  | 232,098   | 773   | 101 | 15 |
| N3XUD                       | 48,804    | 170   | 98  | C   | <b>Georgia</b>        |           |       |     |    |
| WA3SRU                      | 45,666    | 182   | 86  | C   | K4UB                  | 349,236   | 538   | 218 | B  |
| W3TS                        | 24,309    | 113   | 73  | C   | WB4JFS                | 348,582   | 535   | 218 | B  |
| K3ISH                       | 6,003     | 69    | 29  | 10  | AJ4VE                 | 138,567   | 324   | 143 | B  |
| NE3I                        | 5,112     | 71    | 24  | 10  | K4WSW                 | 50,304    | 136   | 128 | B  |
| K3SWZ                       | 50,400    | 240   | 70  | 15  | WB6NYR                | 49,878    | 174   | 102 | B  |
| W3FW                        | 259,671   | 888   | 101 | 20  | W4JDS                 | 32,508    | 135   | 84  | B  |
| NK3Y                        | 39,270    | 189   | 70  | 20  | KD4QMY                | 27,027    | 119   | 77  | B  |
| KB3GJT                      | 630       | 15    | 14  | 20  | K7SZ                  | 19,404    | 105   | 66  | B  |
| W8IJ                        | 12        | 2     | 2   | 20  | AK4NZ                 | 18,270    | 94    | 70  | B  |
| K3NK                        | 11,781    | 77    | 51  | 40  | AI4UN                 | 17,688    | 95    | 67  | B  |
| WA8UEG                      | 12,240    | 85    | 51  | 80  | KC4YBO                | 15,660    | 94    | 60  | B  |
| <b>Maryland-DC</b>          |           |       |     |     | KD4YDD                | 11,925    | 79    | 53  | B  |
| N8HM                        | 75        | 5     | 5   | A   | N9MXI                 | 4,218     | 39    | 37  | B  |
| KB3OK                       | 227,430   | 407   | 190 | B   | K4BAI                 | 1,131,867 | 1,227 | 309 | C  |
| WA2VUM                      | 149,526   | 363   | 142 | B   | KU8E                  | 642,960   | 763   | 285 | C  |
| KE3VV                       | 77,952    | 205   | 128 | B   | K4FYM                 | 287,793   | 464   | 209 | C  |
| W3IUU                       | 75,597    | 227   | 113 | B   | N4FD                  | 265,224   | 527   | 172 | C  |
| N3UR                        | 66,528    | 232   | 96  | B   | WI4T                  | 112,014   | 258   | 147 | C  |
| K3NCO                       | 53,976    | 174   | 104 | B   | W4KLY                 | 43,776    | 164   | 96  | C  |
| K3NDM                       | 50,100    | 173   | 100 | B   | WY4Y (NS3Q, op)       |           |       |     |    |
| N3HU                        | 21,420    | 104   | 70  | B   |                       | 33,864    | 170   | 68  | C  |
| K3KU                        | 9,306     | 70    | 47  | B   | W4YBB                 | 5,880     | 72    | 28  | 10 |
| W3SFG                       | 2,250     | 30    | 25  | B   | N4PN                  | 431,310   | 1,316 | 110 | 15 |
| W7KBW                       | 192       | 8     | 8   | B   | W4DXX                 | 181,656   | 847   | 72  | 15 |
| KB3VQH                      | 75        | 5     | 5   | B   | KJ4EX                 | 16,200    | 102   | 54  | 40 |
| K3ZO                        | 2,346,381 | 2,032 | 387 | C   | <b>Kentucky</b>       |           |       |     |    |
| KB3WD                       | 1,809,720 | 1,859 | 330 | C   | AJ4A                  | 29,889    | 128   | 81  | A  |
| K3TC                        | 928,650   | 1,042 | 302 | C   | KJ4AOM                | 8,976     | 95    | 34  | B  |
| N3UM                        | 801,990   | 1,012 | 266 | C   | K4SPO                 | 2,232     | 31    | 24  | B  |
| K3AJ                        | 202,176   | 428   | 162 | C   | NR8O                  | 12,600    | 85    | 50  | C  |
| W2BZR                       | 17,856    | 97    | 62  | C   | <b>North Carolina</b> |           |       |     |    |
| K3YDX                       | 5,805     | 45    | 43  | C   | W4ZV                  | 5,760     | 80    | 24  | A  |
| N3XL                        | 4,080     | 45    | 34  | C   | K6RM                  | 3,627     | 40    | 31  | A  |
| K8GU                        | 429       | 13    | 11  | 10  | W4FT                  | 352,350   | 524   | 225 | B  |
| WB8BPU                      | 29,736    | 172   | 59  | 15  | W6DVS                 | 285,789   | 443   | 217 | B  |
| W3DF                        | 25,752    | 152   | 58  | 15  | NA4EA                 | 222,432   | 340   | 224 | B  |
| N3GL                        | 23,838    | 143   | 58  | 20  | KK4RV                 | 219,144   | 410   | 184 | B  |
| KB3ANZ                      | 1,380     | 24    | 20  | 20  | K4NC                  | 199,764   | 363   | 186 | B  |
| KB3CPV                      | 330       | 11    | 11  | 20  | K4FS                  | 112,332   | 260   | 148 | B  |
| KU1T                        | 18,408    | 121   | 52  | 80  | W4NZC                 | 101,331   | 246   | 139 | B  |
| <b>Western Pennsylvania</b> |           |       |     |     | K4QVK                 | 56,826    | 154   | 123 | B  |
| KB3LIX                      | 207,306   | 353   | 198 | B   | AI4GR                 | 54,180    | 177   | 105 | B  |
| K3VED                       | 92,664    | 221   | 143 | B   | KR4RO                 | 35,346    | 137   | 86  | B  |
| KB3RH                       | 102,750   | 251   | 137 | C   | KJ4WD                 | 31,920    | 145   | 76  | B  |
| W3NO                        | 5,346     | 66    | 27  | 10  | AF4DR                 | 28,800    | 134   | 75  | B  |
| W3KHQ                       | 768       | 16    | 16  | 10  | K4MGA                 | 23,391    | 120   | 69  | B  |
| W3GH                        | 1,794     | 27    | 23  | 160 | KC4EZN                | 17,739    | 90    | 73  | B  |
| <b>4</b>                    |           |       |     |     | WA4GQG                | 17,052    | 99    | 58  | B  |
| <b>Alabama</b>              |           |       |     |     | W1LZ                  | 5,217     | 49    | 37  | B  |
| W5NZ                        | 36,024    | 152   | 79  | A   | WX4RM                 | 3,348     | 36    | 31  | B  |
| KK4BJV (@ KF4MH)            |           |       |     |     | KJ4PJU                | 495       | 16    | 11  | B  |
|                             | 80,442    | 220   | 123 | B   | K4WES                 | 3         | 1     | 1   | B  |
| W4AUB                       | 38,106    | 150   | 87  | B   | NR3X (N4YDU, op)      |           |       |     |    |
| KJ4LTA                      | 33,534    | 141   | 81  | B   |                       | 1,192,464 | 1,197 | 338 | C  |
| W4TKI                       | 28,194    | 128   | 74  | B   | KZ2I                  | 1,189,224 | 1,205 | 332 | C  |
| KS4L                        | 21,432    | 98    | 76  | B   | N3CZ                  | 816,060   | 941   | 290 | C  |
| NØRZT                       | 17,280    | 97    | 60  | B   | KU4V                  | 391,140   | 535   | 246 | C  |
| WO4R                        | 7,056     | 52    | 48  | B   | NX9T                  | 49,896    | 155   | 108 | C  |
| W4OZK                       | 4,851     | 49    | 33  | B   | AE4EC                 | 44,838    | 159   | 94  | C  |

|        |        |     |    |    |        |         |     |    |    |
|--------|--------|-----|----|----|--------|---------|-----|----|----|
| K4TMC  | 19,305 | 144 | 45 | 10 | W4SVO  | 120,978 | 522 | 78 | 10 |
| W4JIK  | 9,975  | 95  | 35 | 10 | NA4CW  | 62,568  | 318 | 66 | 10 |
| KF4LXB | 9,234  | 81  | 38 | 10 | W4YTB  | 75      | 5   | 5  | 10 |
| KD4MXA | 1,920  | 32  | 20 | 10 | WB2REM | 172,866 | 620 | 94 | 15 |
| W4GRW  | 270    | 15  | 6  | 10 | AI4MS  | 297     | 12  | 9  | 15 |

#### Northern Florida

|           |         |     |     |    |
|-----------|---------|-----|-----|----|
| K3TW      | 77,268  | 188 | 137 | A  |
| AD4RE     | 347,403 | 503 | 233 | B  |
| K4DMH     | 152,208 | 315 | 168 | B  |
| W9LSD     | 107,163 | 243 | 147 | B  |
| K4GOP     | 30,261  | 138 | 77  | B  |
| VE3JDF/W4 | 26,103  | 119 | 77  | B  |
| W9SDX     | 25,134  | 119 | 71  | B  |
| WA2ENT    | 8,910   | 71  | 45  | B  |
| K3RLL     | 4,662   | 42  | 37  | B  |
| KK4GWB    | 1,725   | 25  | 23  | B  |
| N4FP      | 1,680   | 29  | 20  | B  |
| N4UU      | 772,965 | 982 | 267 | C  |
| WB4MNK    | 277,992 | 485 | 198 | C  |
| K4ZS      | 99,684  | 217 | 156 | C  |
| AI4CO     | 70,452  | 212 | 114 | C  |
| N4LZ      | 42,930  | 159 | 90  | C  |
| KM4HI     | 165,600 | 609 | 92  | 15 |
| N4EK      | 43,680  | 208 | 70  | 15 |
| KV1P      | 17,004  | 117 | 52  | 15 |
| K4MTI     | 540     | 15  | 12  | 80 |

#### South Carolina

|        |         |     |     |    |
|--------|---------|-----|-----|----|
| W2VQ/4 | 2,418   | 33  | 26  | A  |
| N4XL   | 688,371 | 881 | 269 | B  |
| KE4OHB | 213,066 | 399 | 178 | B  |
| K4DMR  | 46,992  | 182 | 88  | B  |
| KM4RK  | 41,904  | 146 | 97  | B  |
| KB3INE | 4,128   | 43  | 32  | B  |
| K4YYL  | 670,437 | 810 | 279 | C  |
| NN4F   | 99,261  | 271 | 123 | C  |
| NJ4F   | 57,114  | 177 | 114 | C  |
| N3ND   | 41,124  | 151 | 92  | C  |
| W3WOT  | 7,869   | 61  | 43  | C  |
| KS4YX  | 5,508   | 70  | 27  | 10 |
| K4AMA  | 16,005  | 99  | 55  | 20 |
| W4QNW  | 12,546  | 84  | 51  | 80 |

#### Southern Florida

|        |           |       |     |   |
|--------|-----------|-------|-----|---|
| NT4TS  | 167,322   | 365   | 158 | A |
| K9ES   | 82,404    | 223   | 126 | A |
| AD4Z   | 1,835,856 | 1,695 | 366 | B |
| AK4DM  | 181,485   | 331   | 185 | B |
| WA4EMU | 118,902   | 267   | 149 | B |
| W4DHT  | 63,504    | 199   | 108 | B |
| N4LF   | 40,455    | 151   | 93  | B |
| K4TVO  | 40,131    | 149   | 91  | B |
| KE4JB  | 40,032    | 148   | 96  | B |
| KK4CIS | 28,440    | 120   | 79  | B |
| K4PG   | 17,955    | 107   | 57  | B |
| KJ4RFF | 7,128     | 58    | 44  | B |
| N8BGJ  | 6,300     | 56    | 42  | B |
| WB4EHG | 4,536     | 54    | 28  | B |
| N4WZ   | 510,840   | 809   | 215 | C |
| NJ2F   | 323,145   | 503   | 215 | C |
| K4MF   | 143,412   | 325   | 148 | C |
| AI4CJ  | 133,245   | 325   | 141 | C |
| WA8QYJ | 99,822    | 270   | 127 | C |
| K4ADR  | 89,100    | 230   | 135 | C |
| KK9O   | 42,600    | 143   | 100 | C |
| KW4G   | 22,470    | 110   | 70  | C |
| AI4WW  | 7,140     | 68    | 35  | C |

#### Tennessee

|        |         |     |     |    |
|--------|---------|-----|-----|----|
| KS4X   | 85,260  | 245 | 116 | A  |
| NA4K   | 555,894 | 699 | 267 | B  |
| W4UT   | 151,980 | 348 | 149 | B  |
| N2WN   | 124,713 | 282 | 149 | B  |
| W4EEH  | 95,499  | 244 | 131 | B  |
| W4NI   | 61,290  | 230 | 90  | B  |
| KJ4KKD | 32,292  | 125 | 92  | B  |
| WD8RYC | 30,000  | 100 | 100 | B  |
| W4BK   | 14,256  | 89  | 54  | B  |
| NE4L   | 12,267  | 88  | 47  | B  |
| KJ4NVQ | 6,888   | 57  | 41  | B  |
| N4LKE  | 4,416   | 47  | 32  | B  |
| W4GFY  | 4,212   | 41  | 36  | B  |
| W4KW   | 495,261 | 682 | 249 | C  |
| W4PV   | 371,205 | 583 | 219 | C  |
| K4RO   | 190,476 | 413 | 156 | C  |
| WB4YDY | 48,960  | 171 | 96  | C  |
| K4EDI  | 20,874  | 100 | 71  | C  |
| W4FKM  | 14,352  | 98  | 52  | C  |
| N4VAN  | 7,200   | 53  | 48  | C  |
| KA4R   | 3,510   | 40  | 30  | C  |
| KE4KMG | 1,449   | 23  | 21  | C  |
| NB4M   | 139,986 | 469 | 101 | 15 |
| K4TRH  | 51,903  | 221 | 79  | 20 |
| NY4JB  | 6,216   | 59  | 37  | 20 |

#### Virginia

|        |         |     |     |   |
|--------|---------|-----|-----|---|
| WC4J   | 10,530  | 68  | 54  | A |
| W4IM   | 6,882   | 66  | 37  | A |
| KJ4FUU | 2,376   | 34  | 24  | A |
| W4PFM  | 400,803 | 564 | 239 | B |
| W4WWQ  | 214,668 | 405 | 178 | B |
| W4GDG  | 197,580 | 367 | 185 | B |
| N4VA   | 174,384 | 346 | 168 | B |
| K4FJW  | 131,823 | 298 | 151 | B |
| K4TOJ  | 112,455 | 257 | 147 | B |
| KA4GFY | 78,588  | 227 | 118 | B |
| AK4PE  | 66,708  | 205 | 109 | B |
| WA4KNP | 62,622  | 221 | 98  | B |
| N8OQ   | 61,464  | 201 | 104 | B |
| W4DUK  | 61,380  | 188 | 110 | B |
| KK4EIR | 55,110  | 176 | 110 | B |
| K4PZC  | 49,680  | 192 | 90  | B |
| KK4EDY | 41,904  | 154 | 97  | B |
| KJ4VTH | 41,769  | 158 | 91  | B |
| KA1DBE | 38,544  | 152 | 88  | B |
| AA4KD  | 35,217  | 130 | 91  | B |
| N3TG   | 33,012  | 133 | 84  | B |
| N4ERZ  | 29,484  | 129 | 78  | B |
| K4YCR  | 26,937  | 127 | 73  | B |
| K4ORD  | 24,396  | 107 | 76  | B |
| WA2AIC | 21,021  | 92  | 77  | B |
| AK4EE  | 18,894  | 96  | 67  | B |
| N1QEQ  | 15,555  | 89  | 61  | B |
| W0JTC  | 12,084  | 79  | 53  | B |
| K4PZZ  | 7,680   | 64  | 40  | B |
| KD4RSL | 2,997   | 37  | 27  | B |
| K3MZ   | 1,848   | 29  | 22  | B |
| K4ALE  | 1,653   | 30  | 19  | B |
| W4XEN  | 546     | 15  | 13  | B |
| K4DKE  | 507     | 14  | 13  | B |

|                             |           |       |     |     |                    |           |       |     |     |
|-----------------------------|-----------|-------|-----|-----|--------------------|-----------|-------|-----|-----|
| WF1L                        | 432       | 12    | 12  | B   | K5TA               | 12,852    | 84    | 51  | B   |
| AJ4ZU                       | 108       | 6     | 6   | B   | KC7QY              | 8,127     | 67    | 43  | B   |
| N4RV (KE3X, op)             |           |       |     |     | KBØBED             | 1,848     | 28    | 22  | B   |
|                             | 2,533,638 | 2,368 | 362 | C   | N2IC               | 3,349,500 | 2,906 | 385 | C   |
| N4MM                        | 465,582   | 611   | 254 | C   | K8TE               | 67,731    | 225   | 107 | C   |
| KA8Q                        | 457,728   | 600   | 256 | C   | KK1S               | 60,192    | 177   | 114 | C   |
| W4YE                        | 258,876   | 465   | 188 | C   | W5CO               | 15,444    | 82    | 66  | C   |
| N3ZV                        | 233,481   | 354   | 223 | C   | N9WL               | 2,304     | 34    | 24  | 20  |
| WA4JUK                      | 213,180   | 391   | 187 | C   | AA5B               | 2,850     | 39    | 25  | 80  |
| W4CYS                       | 210,396   | 408   | 178 | C   | N5JDT              | 27        | 3     | 3   | 160 |
| K4GAA                       | 193,905   | 428   | 155 | C   |                    |           |       |     |     |
| K4GM                        | 34,191    | 135   | 87  | C   | <b>North Texas</b> |           |       |     |     |
| K4EU                        | 32,370    | 169   | 65  | C   | WA8ZBT             | 133,668   | 318   | 141 | B   |
| A14WU                       | 11,100    | 75    | 50  | C   | K7RB               | 108,129   | 272   | 133 | B   |
| K4WY                        | 5,103     | 65    | 27  | 10  | NW5Q               | 94,017    | 259   | 121 | B   |
| N4QX                        | 54        | 6     | 3   | 10  | NN5T               | 35,721    | 147   | 81  | B   |
| WA4AXT                      | 41,808    | 215   | 67  | 15  | WA5ICA             | 22,326    | 124   | 61  | B   |
| NQ4K                        | 13,818    | 100   | 47  | 15  | W5TV               | 17,820    | 104   | 60  | B   |
| KN4KL                       | 3,432     | 52    | 22  | 15  | AA5RD              | 2,790     | 31    | 30  | B   |
| N4NW                        | 42,402    | 197   | 74  | 40  | K5MBA              | 1,710     | 30    | 19  | B   |
|                             |           |       |     |     | AD5XD              | 496,062   | 658   | 254 | C   |
| <b>West Central Florida</b> |           |       |     |     | AK5DX              | 106,932   | 290   | 134 | C   |
| N2ESP                       | 234,036   | 398   | 198 | B   | KF5EN              | 4,092     | 48    | 31  | 15  |
| W1CCE                       | 179,820   | 340   | 180 | B   | WA5RML             | 1,056     | 22    | 16  | 15  |
| K8ZZU/4                     | 143,655   | 306   | 157 | B   | KC5TA              | 540       | 15    | 12  | 15  |
| NG4L                        | 108,000   | 304   | 120 | B   | K5RX               | 3,108     | 39    | 28  | 160 |
| N9CM                        | 92,040    | 238   | 130 | B   |                    |           |       |     |     |
| N4RWH                       | 47,040    | 165   | 98  | B   | <b>Oklahoma</b>    |           |       |     |     |
| KD4ACG                      | 39,858    | 148   | 91  | B   | W5GFI              | 290,037   | 521   | 187 | B   |
| KD4MZM                      | 27,000    | 123   | 75  | B   | K5ZCJ              | 262,971   | 490   | 183 | B   |
| N2EGO                       | 9,324     | 75    | 42  | B   | AE5MT              | 170,172   | 372   | 163 | B   |
| K1TO                        | 3,258,036 | 2,804 | 388 | C   | W5TMC              | 139,200   | 335   | 145 | B   |
| K1KNQ                       | 514,008   | 660   | 264 | C   | K5EOK              | 24,384    | 128   | 64  | B   |
| AE4WK                       | 5,922     | 49    | 42  | C   | AF5Q               | 23,616    | 98    | 82  | B   |
| K2EUH                       | 630       | 15    | 15  | C   | AE5ZD              | 1,188     | 22    | 18  | B   |
| K5KG                        | 103,248   | 485   | 72  | 10  | W5TJS              | 714       | 17    | 14  | B   |
|                             |           |       |     |     | K5LAD              | 304,956   | 522   | 197 | C   |
| <b>5</b>                    |           |       |     |     | N5DY               | 30,186    | 130   | 78  | C   |
|                             |           |       |     |     | KC5SB              | 1,380     | 23    | 20  | C   |
| <b>Arkansas</b>             |           |       |     |     | AF5CC              | 15,606    | 104   | 51  | 15  |
| WBØRUR                      | 44,892    | 179   | 87  | B   |                    |           |       |     |     |
| W5YH                        | 35,625    | 133   | 95  | B   | <b>South Texas</b> |           |       |     |     |
| K5KVN                       | 19,296    | 98    | 67  | C   | N5AW               | 1,186,500 | 1,149 | 350 | B   |
| WA5SOG                      | 64,998    | 318   | 69  | 15  | WA5IYX             | 158,994   | 365   | 146 | B   |
|                             |           |       |     |     | KE5LQ              | 150,894   | 304   | 166 | B   |
| <b>Louisiana</b>            |           |       |     |     | N5RMS              | 81,720    | 237   | 120 | B   |
| KC5WA                       | 71,757    | 206   | 119 | A   | K5R (WK5DX, op)    |           |       |     |     |
| K5ER                        | 78,309    | 232   | 113 | B   |                    | 68,265    | 187   | 123 | B   |
| KB5YEG                      | 22,752    | 102   | 79  | B   | N5KWN              | 48,024    | 193   | 87  | B   |
| W5WMU                       | 1,230,552 | 1,283 | 324 | C   | N9RO               | 37,146    | 165   | 82  | B   |
| N5VU                        | 267,900   | 479   | 190 | C   | K5QW               | 26,550    | 120   | 75  | B   |
| AE5ZE                       | 23,532    | 106   | 74  | C   | NT5SM              | 18,483    | 104   | 61  | B   |
| KE5SNJ                      | 3,024     | 53    | 21  | 10  | NK5G               | 15,930    | 90    | 59  | B   |
| W9GCM                       | 612       | 17    | 12  | 10  | N5DTT              | 3,150     | 43    | 25  | B   |
| AC5O                        | 714       | 17    | 14  | 160 | K5TR               | 2,830,449 | 2,445 | 391 | C   |
|                             |           |       |     |     | W5PR               | 166,608   | 631   | 89  | 10  |
| <b>Mississippi</b>          |           |       |     |     | W5EB               | 1,539     | 28    | 19  | 10  |
| N5PYQ                       | 53,628    | 167   | 109 | B   | K5HTB              | 189       | 9     | 7   | 10  |
| WB5ASP                      | 49,929    | 201   | 89  | B   | WA5AU              | 180       | 10    | 6   | 10  |
| WA4IAX                      | 15,246    | 83    | 66  | B   | N5MV               | 141,696   | 612   | 82  | 15  |
| K5AWF                       | 7,740     | 63    | 43  | B   | KZ5J               | 87,897    | 354   | 83  | 15  |
| WA5OYU                      | 675,960   | 870   | 262 | C   |                    |           |       |     |     |
| AG5Z                        | 206,190   | 448   | 158 | C   | <b>West Texas</b>  |           |       |     |     |
| W5THT                       | 20,904    | 108   | 67  | C   | KA5PVB             | 64,800    | 216   | 100 | A   |
| N5BLY                       | 2,904     | 46    | 22  | 10  | N5CLK              | 114,972   | 295   | 134 | B   |
| K5OMC                       | 1,596     | 29    | 19  | 40  | N5RZ               | 203,445   | 414   | 165 | C   |
|                             |           |       |     |     | W5RAW              | 19,584    | 102   | 68  | C   |
| <b>New Mexico</b>           |           |       |     |     | NZ5M               | 4,050     | 54    | 25  | 15  |
| K5DXX                       | 94,530    | 282   | 115 | B   | KF5HHD             | 1,287     | 34    | 13  | 20  |

# 6

## East Bay

|        |         |     |     |    |
|--------|---------|-----|-----|----|
| N6ORB  | 105,621 | 324 | 109 | B  |
| WB6BET | 18,762  | 109 | 59  | B  |
| KI6CYT | 7,455   | 75  | 35  | B  |
| N6ENO  | 6,840   | 62  | 38  | B  |
| N6BY   | 6,048   | 60  | 36  | B  |
| KJ6MGS | 5,832   | 55  | 36  | B  |
| KE6IUE | 4,320   | 51  | 30  | B  |
| K6BIR  | 4,158   | 63  | 22  | B  |
| KF6ZYD | 3,036   | 46  | 23  | B  |
| K6JAT  | 238,464 | 438 | 184 | C  |
| N6AJR  | 2,340   | 40  | 20  | C  |
| N6BHX  | 3,618   | 68  | 18  | 15 |
| KK6L   | 1,215   | 46  | 9   | 15 |

## Los Angeles

|        |         |     |     |    |
|--------|---------|-----|-----|----|
| N6RV   | 38,631  | 168 | 79  | B  |
| WO6M   | 29,145  | 146 | 67  | B  |
| K6AFS  | 22,572  | 116 | 66  | B  |
| K6DSW  | 12,816  | 91  | 48  | B  |
| K6MUG  | 8,910   | 67  | 45  | B  |
| N6OU   | 3,528   | 49  | 24  | B  |
| AG6MB  | 2,898   | 43  | 23  | B  |
| KG6OTE | 2,625   | 36  | 25  | B  |
| KD6NOF | 660     | 20  | 11  | B  |
| KB6FB  | 168,270 | 371 | 158 | C  |
| N6VI   | 129,504 | 308 | 142 | C  |
| WA6URY | 65,772  | 258 | 87  | C  |
| N6TCZ  | 28,044  | 123 | 76  | C  |
| N6AA   | 6,264   | 59  | 36  | C  |
| KU6T   | 2,448   | 50  | 17  | 15 |
| KT6VV  | 243     | 9   | 9   | 40 |

## Orange

|        |         |     |     |    |
|--------|---------|-----|-----|----|
| NN6CH  | 223,443 | 412 | 183 | B  |
| W6UX   | 207,855 | 467 | 149 | B  |
| K7LA   | 714     | 17  | 14  | B  |
| WW6O   | 118,992 | 300 | 134 | C  |
| K6HRT  | 24,534  | 150 | 58  | C  |
| KB6A   | 20,988  | 106 | 66  | C  |
| W6DAF  | 9,576   | 87  | 38  | 10 |
| N6OIL  | 1,350   | 33  | 15  | 10 |
| WA6WPG | 780     | 20  | 13  | 10 |
| WA6KHK | 80,028  | 354 | 76  | 15 |
| AD6NR  | 39,672  | 238 | 58  | 15 |
| KQ6ES  | 28,380  | 174 | 55  | 15 |
| AE6ED  | 45      | 5   | 3   | 15 |

## Santa Barbara

|        |         |     |     |    |
|--------|---------|-----|-----|----|
| WA6FGV | 194,040 | 396 | 165 | B  |
| W1PR   | 165,456 | 386 | 144 | B  |
| AG6AY  | 36,261  | 160 | 79  | B  |
| WV6N   | 15,300  | 100 | 51  | B  |
| WB6L   | 442,389 | 626 | 239 | C  |
| AA6WH  | 24,948  | 136 | 66  | C  |
| WA6EJO | 1,782   | 33  | 18  | 10 |

## Santa Clara Valley

|        |           |       |     |   |
|--------|-----------|-------|-----|---|
| AE9F   | 8,568     | 85    | 34  | A |
| WD6DX  | 1,092     | 27    | 14  | A |
| K6GHA  | 273,129   | 513   | 181 | B |
| KI6DRN | 13,200    | 91    | 50  | B |
| N6AJS  | 10,584    | 86    | 42  | B |
| KG6TYB | 1,824     | 33    | 19  | B |
| KM6I   | 1,386     | 33    | 14  | B |
| K6XX   | 1,700,460 | 2,034 | 282 | C |
| N6TV   | 154,656   | 363   | 144 | C |

|        |         |     |     |    |
|--------|---------|-----|-----|----|
| WT6H   | 65,751  | 220 | 101 | C  |
| K6ATZ  | 35,916  | 167 | 73  | C  |
| N6XI   | 16,362  | 102 | 54  | C  |
| NU6S   | 33,813  | 226 | 51  | 10 |
| KJ6QAY | 252     | 12  | 7   | 10 |
| K6HNZ  | 154,704 | 588 | 88  | 20 |

## San Diego

|                  |         |     |     |    |
|------------------|---------|-----|-----|----|
| W6QU (W8QZA, op) | 199,950 | 433 | 155 | A  |
| NN3V             | 329,640 | 685 | 164 | B  |
| AA6EE            | 59,616  | 216 | 92  | B  |
| KI6YAA           | 27,450  | 160 | 61  | B  |
| AD6D             | 23,058  | 132 | 61  | B  |
| WE6CW            | 12,696  | 100 | 46  | B  |
| KK6TV            | 6,600   | 57  | 40  | B  |
| N7XH             | 588     | 14  | 14  | B  |
| K6NA             | 604,443 | 751 | 269 | C  |
| WA6PY            | 83,448  | 243 | 122 | C  |
| N6NC             | 24,528  | 120 | 73  | C  |
| K2RP             | 10,011  | 74  | 47  | C  |
| W6YI             | 257,928 | 986 | 88  | 40 |

## San Francisco

|        |         |     |     |    |
|--------|---------|-----|-----|----|
| K3FIV  | 102,630 | 312 | 110 | B  |
| KE6WC  | 41,811  | 186 | 77  | B  |
| KA6MIB | 22,680  | 120 | 63  | B  |
| N6YEU  | 15,132  | 99  | 52  | B  |
| KJ6ANT | 252     | 12  | 7   | B  |
| W6SFK  | 106,335 | 265 | 139 | C  |
| W6FCS  | 2,730   | 36  | 26  | 15 |
| AE6YB  | 2,565   | 57  | 15  | 15 |

## San Joaquin Valley

|        |         |     |     |    |
|--------|---------|-----|-----|----|
| AA6K   | 265,914 | 479 | 187 | B  |
| KE6SHL | 30,030  | 132 | 77  | B  |
| KJ6HBY | 27,378  | 123 | 78  | B  |
| K6CSL  | 16,218  | 107 | 53  | B  |
| WC6H   | 283,860 | 422 | 228 | C  |
| N2NS   | 21,888  | 156 | 48  | 15 |
| NJ6G   | 2,418   | 32  | 26  | 15 |
| KJ6MSG | 462     | 14  | 11  | 20 |

## Sacramento Valley

|       |         |     |     |    |
|-------|---------|-----|-----|----|
| W6RFF | 139,200 | 329 | 145 | B  |
| W6KAP | 138,204 | 360 | 132 | B  |
| K7XE  | 97,965  | 316 | 105 | B  |
| KQ6X  | 57,720  | 186 | 104 | B  |
| N6YG  | 57,405  | 222 | 89  | B  |
| KF6JG | 36,498  | 163 | 79  | B  |
| NM3S  | 26,082  | 144 | 63  | B  |
| WK6A  | 13,386  | 99  | 46  | B  |
| W6JSM | 7,872   | 65  | 41  | B  |
| NC6PT | 2,592   | 40  | 24  | B  |
| W6FA  | 49,410  | 186 | 90  | C  |
| K6LRN | 22,176  | 115 | 66  | C  |
| W6RKC | 12,882  | 113 | 38  | 40 |

# 7

## Arizona

|        |         |     |     |   |
|--------|---------|-----|-----|---|
| N6HI   | 11,400  | 77  | 50  | A |
| N7IR   | 303,615 | 521 | 195 | B |
| KB7QND | 86,247  | 264 | 111 | B |
| N7MAL  | 63,393  | 191 | 113 | B |
| W2AJW  | 60,216  | 193 | 104 | B |
| W7RV   | 46,812  | 168 | 94  | B |
| AA7DK  | 40,764  | 162 | 86  | B |
| WA7YUL | 30,441  | 141 | 73  | B |

|                           |           |       |     |    |                           |           |       |     |    |
|---------------------------|-----------|-------|-----|----|---------------------------|-----------|-------|-----|----|
| KF7IUH                    | 29,625    | 126   | 79  | B  | AC6FU                     | 37,422    | 156   | 81  | B  |
| KF7DYX                    | 21,594    | 122   | 61  | B  | K7DNH                     | 36,960    | 162   | 77  | B  |
| W7HX                      | 10,530    | 82    | 45  | B  | W7FD                      | 28,566    | 145   | 69  | B  |
| K7FLI                     | 7,068     | 62    | 38  | B  | K7STU                     | 2,337     | 43    | 19  | B  |
| KX6X                      | 4,524     | 52    | 29  | B  | WU6W                      | 131,703   | 318   | 143 | C  |
| WA7DHQ                    | 3,402     | 43    | 27  | B  | K9JDV                     | 99,705    | 289   | 115 | C  |
| KU7Y                      | 420       | 14    | 10  | B  | N7LD                      | 90,630    | 292   | 106 | C  |
| W7JSD                     | 300       | 11    | 10  | B  | W7RN (K5RC, op)           | 59,472    | 359   | 56  | 10 |
| KJ7RT                     | 90        | 6     | 5   | B  |                           |           |       |     |    |
| KE2VB                     | 410,262   | 681   | 202 | C  | <b>Oregon</b>             |           |       |     |    |
| K7JQ                      | 198,996   | 414   | 161 | C  | W7YAQ                     | 66,150    | 212   | 105 | A  |
| NF7E                      | 196,272   | 387   | 174 | C  | W7SO                      | 128,097   | 337   | 129 | B  |
| W7UDG                     | 173,280   | 386   | 160 | C  | N7VS                      | 54,684    | 192   | 98  | B  |
| N9NA                      | 149,142   | 385   | 134 | C  | K6UM                      | 54,270    | 201   | 90  | B  |
| W7AAA                     | 80,712    | 242   | 114 | C  | AD7UP                     | 17,052    | 100   | 58  | B  |
| KR2E                      | 71,868    | 214   | 113 | C  | W7KNX                     | 13,110    | 115   | 38  | B  |
| KC7V                      | 64,272    | 207   | 104 | C  | KE7AUB                    | 10,332    | 84    | 42  | B  |
| WR5G                      | 62,034    | 215   | 98  | C  | K7JKM                     | 6,138     | 69    | 33  | B  |
| AC7JM                     | 56,496    | 220   | 88  | C  | K7EMI                     | 3,276     | 42    | 26  | B  |
| W6ZQ                      | 27,885    | 145   | 65  | C  | KF7KXV                    | 585       | 15    | 13  | B  |
| K7MY                      | 14,688    | 101   | 51  | C  | NC7M                      | 843,453   | 1,171 | 243 | C  |
| N7LR                      | 14,352    | 105   | 46  | C  | KF7GNI                    | 154,656   | 364   | 144 | C  |
| K5RR                      | 87,750    | 452   | 65  | 10 | KD7MSC                    | 79,134    | 244   | 109 | C  |
| N7FG                      | 6,048     | 74    | 28  | 10 | N6TW                      | 69,495    | 207   | 113 | C  |
| N7DD                      | 612,066   | 1,754 | 118 | 15 | KD7VIK                    | 62,532    | 200   | 108 | C  |
| NA2U                      | 338,451   | 1,124 | 101 | 15 | W7YVK                     | 29,862    | 158   | 63  | C  |
| W7ON                      | 5,088     | 54    | 32  | 40 | W7WVF                     | 25,425    | 115   | 75  | C  |
| <b>Eastern Washington</b> |           |       |     |    | WA7AR                     | 12,654    | 75    | 57  | C  |
| N7VZU                     | 112,776   | 299   | 127 | B  | NE7D                      | 3,564     | 54    | 22  | 10 |
| WX7B                      | 68,094    | 244   | 97  | B  | K6RN                      | 25,080    | 152   | 55  | 15 |
| N7HCJ                     | 31,785    | 166   | 65  | B  | <b>Utah</b>               |           |       |     |    |
| KK7VL                     | 13,254    | 94    | 47  | B  | K7RFW                     | 1,020     | 20    | 17  | B  |
| KD7IBE                    | 4,770     | 56    | 30  | B  | KD7SWL                    | 600       | 20    | 10  | B  |
| W7BHP                     | 2,640     | 44    | 20  | B  | WS7X                      | 656,667   | 1,104 | 201 | C  |
| AC7GP                     | 61,476    | 221   | 94  | C  | WF4U                      | 265,788   | 433   | 207 | C  |
| KI7DG                     | 36,210    | 150   | 85  | C  | K7ULS                     | 120       | 8     | 5   | 10 |
| W7BJN                     | 30,774    | 226   | 46  | 10 | N5LZ                      | 12,690    | 141   | 30  | 15 |
| W7TJ                      | 4,356     | 68    | 22  | 10 | <b>Western Washington</b> |           |       |     |    |
| WA7LT                     | 148,740   | 677   | 74  | 15 | N6LB                      | 19,824    | 126   | 56  | A  |
| K7AWB                     | 153,090   | 581   | 90  | 20 | K9JF                      | 815,298   | 1,132 | 242 | B  |
| KB7HFH                    | 4,785     | 55    | 29  | 20 | W7TSQ                     | 174,660   | 419   | 142 | B  |
| KC7H                      | 288       | 12    | 8   | 40 | K7MCX                     | 114,615   | 291   | 135 | B  |
| <b>Idaho</b>              |           |       |     |    | K7HBN                     | 114,480   | 320   | 120 | B  |
| NA7EM                     | 3,120     | 42    | 26  | A  | WA7PVE                    | 84,423    | 275   | 107 | B  |
| N7VJ                      | 74,556    | 222   | 114 | B  | W8BFX                     | 82,368    | 264   | 104 | B  |
| N7VEA                     | 26,352    | 123   | 72  | B  | WW7D                      | 55,350    | 211   | 90  | B  |
| K7JAN                     | 18,144    | 119   | 56  | B  | W7WEC                     | 54,102    | 260   | 71  | B  |
| KG7WZ                     | 2,760     | 48    | 20  | B  | W7QN                      | 54,060    | 215   | 85  | B  |
| KØIP                      | 296,010   | 512   | 195 | C  | K7SS                      | 41,850    | 159   | 90  | B  |
| KO7P                      | 29,328    | 105   | 94  | C  | K7LOP                     | 40,317    | 153   | 89  | B  |
| N4CC                      | 19,344    | 127   | 52  | C  | W7PT                      | 34,188    | 156   | 74  | B  |
| AD7VB                     | 7,788     | 60    | 44  | C  | AD7T                      | 24,948    | 157   | 54  | B  |
| KB7QFE                    | 17,967    | 113   | 53  | 20 | AD7XV                     | 19,314    | 114   | 58  | B  |
| KI7BP                     | 1,566     | 31    | 18  | 40 | KR7DX                     | 17,280    | 129   | 45  | B  |
| <b>Montana</b>            |           |       |     |    | N7AME                     | 14,382    | 106   | 51  | B  |
| KE7NO                     | 133,764   | 318   | 142 | B  | K7STO                     | 10,434    | 99    | 37  | B  |
| AD7MQ                     | 19,899    | 100   | 67  | B  | K7KFB                     | 4,125     | 57    | 25  | B  |
| N9RV                      | 2,966,301 | 2,832 | 351 | C  | KD7YDL                    | 1,881     | 33    | 19  | B  |
| KD7DCR                    | 117,552   | 328   | 124 | C  | AF7O                      | 840       | 20    | 14  | B  |
| KS7T                      | 52,065    | 197   | 89  | C  | N7PGN                     | 72        | 6     | 4   | B  |
| KJ7NL                     | 29,820    | 157   | 70  | C  | K7RL                      | 2,834,895 | 2,769 | 343 | C  |
| K7ABV                     | 28,161    | 150   | 63  | 20 | W7PU                      | 118,449   | 349   | 123 | C  |
| <b>Nevada</b>             |           |       |     |    | NG7Z                      | 55,965    | 209   | 91  | C  |
| K7ACZ                     | 280,350   | 447   | 210 | B  | WG7X                      | 39,990    | 158   | 86  | C  |
| KC7DB                     | 64,071    | 196   | 113 | B  | KB7N                      | 21,060    | 131   | 54  | C  |

|                 |           |       |     |    |                      |         |     |     |    |
|-----------------|-----------|-------|-----|----|----------------------|---------|-----|-----|----|
| WB7BBQ          | 18,228    | 101   | 62  | C  | WB8JUI               | 48,216  | 165 | 98  | B  |
| W7JAM           | 11,808    | 84    | 48  | C  | W8IDM                | 47,334  | 164 | 98  | B  |
| KG7P            | 11,730    | 86    | 46  | C  | N8WS                 | 27,306  | 129 | 74  | B  |
| K2AVI           | 2,484     | 37    | 23  | C  | WS6K                 | 20,700  | 101 | 69  | B  |
| N7BK            | 16,188    | 143   | 38  | 10 | WC8Z                 | 18,525  | 96  | 65  | B  |
| WB7FJG          | 5,460     | 71    | 26  | 10 | WA8YVF               | 16,380  | 95  | 60  | B  |
| K7BX            | 7,068     | 78    | 31  | 15 | K8JTD                | 14,160  | 86  | 59  | B  |
| W7WA            | 283,710   | 965   | 98  | 40 | KD8MZA               | 11,172  | 79  | 49  | B  |
| <b>Wyoming</b>  |           |       |     |    | KV8Q                 | 9,240   | 71  | 44  | B  |
| KB7QOS          | 11,850    | 81    | 50  | A  | K8SAS                | 7,452   | 55  | 46  | B  |
| N7MZW           | 81,396    | 246   | 114 | B  | AF8C                 | 7,104   | 64  | 37  | B  |
| K7KU (KØKR, op) |           |       |     |    | W8KNO                | 5,358   | 47  | 38  | B  |
|                 | 760,383   | 871   | 291 | C  | K8DXR                | 5,022   | 57  | 31  | B  |
| N7IX            | 32,856    | 150   | 74  | C  | WB8WNV               | 4,095   | 42  | 35  | B  |
| <b>8</b>        |           |       |     |    | N8SK                 | 3,528   | 45  | 28  | B  |
| <b>Michigan</b> |           |       |     |    | KB8OIU               | 3,441   | 38  | 31  | B  |
| KT8K            | 78,690    | 218   | 122 | A  | W8MET                | 2,835   | 36  | 27  | B  |
| N8XX            | 702       | 18    | 13  | A  | NF8O                 | 1,512   | 25  | 21  | B  |
| NA8V            | 642,930   | 744   | 290 | B  | KC8UNR               | 1,173   | 23  | 17  | B  |
| NE8P            | 285,354   | 505   | 191 | B  | N8ZAK                | 18      | 3   | 2   | B  |
| K8PGJ           | 190,575   | 366   | 175 | B  | WD8EOL               | 313,248 | 520 | 208 | C  |
| N8DE            | 97,110    | 252   | 130 | B  | N8HP                 | 216,480 | 417 | 176 | C  |
| WB8MIW          | 79,254    | 224   | 119 | B  | K8VUS                | 206,226 | 409 | 171 | C  |
| KE8FO           | 72,885    | 215   | 113 | B  | N8IVE                | 204,966 | 393 | 177 | C  |
| K8MEG           | 63,933    | 217   | 101 | B  | NT8Z                 | 182,595 | 347 | 185 | C  |
| N8SBE           | 37,740    | 151   | 85  | B  | KC8RPV               | 58,740  | 180 | 110 | C  |
| KJ8O            | 35,496    | 136   | 87  | B  | NB8I                 | 27,612  | 121 | 78  | C  |
| N8ERL           | 33,534    | 141   | 81  | B  | AL7BA/W8             | 26,208  | 100 | 96  | C  |
| N8HAM           | 29,988    | 122   | 84  | B  | K8QF                 | 19,380  | 99  | 68  | C  |
| WA8FRE          | 23,391    | 117   | 69  | B  | W8KH                 | 10,152  | 73  | 47  | C  |
| W8FEM           | 21,528    | 104   | 69  | B  | WD8E                 | 3,570   | 35  | 35  | C  |
| N8NX            | 11,844    | 97    | 42  | B  | K8ALM                | 864     | 18  | 16  | C  |
| W8DW            | 3,996     | 41    | 36  | B  | KG9Z                 | 8,928   | 99  | 31  | 10 |
| KD8FQL          | 1,518     | 24    | 22  | B  | N8BJQ                | 188,670 | 664 | 95  | 15 |
| N8GEO           | 765       | 17    | 15  | B  | WA8RCN               | 120,456 | 511 | 84  | 15 |
| NF8M            | 240       | 10    | 8   | B  | K8DJC                | 36,186  | 163 | 74  | 40 |
| K8GL            | 1,619,085 | 1,502 | 361 | C  | AD8C                 | 19,110  | 108 | 65  | 40 |
| K8AO            | 521,400   | 799   | 220 | C  | ND8DX                | 40,257  | 214 | 63  | 80 |
| W8TA            | 315,810   | 975   | 110 | C  | W8JMF                | 5,145   | 50  | 35  | 80 |
| WA8Y            | 302,400   | 522   | 200 | C  | W8TM                 | 3,393   | 39  | 29  | 80 |
| KE8UM           | 91,371    | 230   | 133 | C  | <b>West Virginia</b> |         |     |     |    |
| WA8TM           | 58,425    | 209   | 95  | C  | WB8EKG               | 109,350 | 245 | 150 | B  |
| K8BZ            | 48,300    | 178   | 92  | C  | W8IDW                | 26,730  | 111 | 81  | B  |
| AA8R            | 37,107    | 140   | 93  | C  | KW8V                 | 6,996   | 54  | 44  | B  |
| K2BET           | 27,216    | 112   | 81  | C  | K8MN                 | 151,965 | 313 | 165 | C  |
| K8GVK           | 7,254     | 95    | 26  | 10 | N8II                 | 140,844 | 393 | 121 | C  |
| W6AMD           | 330       | 11    | 11  | 10 | W8OHT                | 85,500  | 244 | 125 | C  |
| KC8ZMN          | 21,033    | 129   | 57  | 15 | <b>9</b>             |         |     |     |    |
| <b>Ohio</b>     |           |       |     |    | <b>Illinois</b>      |         |     |     |    |
| N8XA            | 115,773   | 259   | 149 | A  | AI9K                 | 23,214  | 108 | 73  | A  |
| N8AA            | 697,248   | 818   | 288 | B  | W9AQ                 | 17,820  | 94  | 66  | A  |
| K8LY            | 386,973   | 594   | 219 | B  | KC9AMM               | 2,871   | 33  | 29  | A  |
| AC8GX           | 217,668   | 386   | 194 | B  | KD9MS                | 484,962 | 630 | 262 | B  |
| KB8UHN          | 175,200   | 369   | 160 | B  | K9QVB                | 224,406 | 416 | 182 | B  |
| KB8O            | 105,534   | 292   | 123 | B  | K9JE                 | 133,245 | 318 | 141 | B  |
| K8ME            | 103,944   | 258   | 142 | B  | N9LYE                | 69,600  | 204 | 116 | B  |
| N8KQ            | 101,376   | 264   | 132 | B  | N9VPV                | 61,803  | 191 | 109 | B  |
| W8ASA           | 99,459    | 258   | 129 | B  | KB5OS                | 31,347  | 133 | 81  | B  |
| W8GOC           | 91,371    | 236   | 133 | B  | KA9MOM               | 20,301  | 101 | 67  | B  |
| K8AB            | 72,828    | 218   | 119 | B  | NV9X                 | 17,550  | 90  | 65  | B  |
| N8BV            | 66,054    | 206   | 109 | B  | K9PMV                | 17,100  | 98  | 60  | B  |
| KF8BT           | 62,640    | 182   | 116 | B  | N9XP                 | 13,542  | 74  | 61  | B  |
| WJ8E            | 59,514    | 189   | 109 | B  | W9SWT                | 12,702  | 73  | 58  | B  |
| NR8R            | 50,244    | 171   | 106 | B  | K9TCD                | 12,285  | 67  | 63  | B  |
| WT8E            | 49,392    | 170   | 98  | B  | KE9EX                | 8,883   | 63  | 47  | B  |

|                   |           |       |     |     |                  |           |       |     |    |
|-------------------|-----------|-------|-----|-----|------------------|-----------|-------|-----|----|
| KC9RNK            | 5,160     | 45    | 40  | B   | NØKE             | 757,161   | 976   | 261 | C  |
| KA9CLP            | 3,441     | 38    | 31  | B   | KQØC             | 140,700   | 355   | 134 | C  |
| KA9OBZ            | 243       | 10    | 9   | B   | N7DR             | 136,776   | 332   | 139 | C  |
| WB9CHY            | 75        | 5     | 5   | B   | KCØVEU           | 47,784    | 189   | 88  | C  |
| K9ZM              | 322,560   | 514   | 210 | C   | NCØB             | 14,664    | 108   | 47  | C  |
| W9KXQ             | 61,884    | 206   | 108 | C   | KV6O             | 3,675     | 50    | 25  | C  |
| KC9IL             | 37,674    | 139   | 91  | C   | KBØYH            | 11,430    | 131   | 30  | 10 |
| K9BGL             | 37,026    | 243   | 51  | 10  | NØWRK            | 1,620     | 28    | 20  | 15 |
| N9JZN             | 2,886     | 37    | 26  | 10  | W9BNO            | 1,035     | 23    | 15  | 15 |
| W9GYK             | 957       | 29    | 11  | 10  | NAØBR            | 5,244     | 48    | 38  | 20 |
| KC9ULA            | 510       | 17    | 10  | 10  | <b>Iowa</b>      |           |       |     |    |
| WO9I              | 270       | 10    | 9   | 10  | WBØLJK           | 97,812    | 231   | 143 | B  |
| N9TGR             | 102,885   | 366   | 95  | 15  | KØVM             | 69,768    | 238   | 102 | B  |
| W9ILY             | 56,700    | 271   | 70  | 15  | KDØPIO           | 1,404     | 26    | 18  | B  |
| W9WJ              | 48,840    | 220   | 74  | 20  | NØSFH            | 1,386     | 23    | 22  | B  |
| K9IDQ             | 28,116    | 147   | 66  | 20  | KU1CW            | 2,107,092 | 2,095 | 338 | C  |
| W9QL              | 10,458    | 83    | 42  | 40  | KBØL             | 1,134     | 21    | 18  | C  |
| WO9S              | 3,042     | 40    | 26  | 40  | ADØH             | 26,196    | 151   | 59  | 15 |
| <b>Indiana</b>    |           |       |     |     | WØPPF            | 13,200    | 88    | 50  | 20 |
| N4TZ              | 989,712   | 957   | 348 | B   | KØKT             | 5,328     | 51    | 37  | 80 |
| KC9QOJ            | 92,664    | 241   | 132 | B   | <b>Kansas</b>    |           |       |     |    |
| W8FIB             | 62,595    | 200   | 107 | B   | KØBJ             | 163,989   | 400   | 137 | B  |
| W9ZRX             | 37,107    | 136   | 93  | B   | WA5SWN           | 23,010    | 118   | 65  | B  |
| KB9YGD            | 31,416    | 140   | 77  | B   | WØGUY            | 13,860    | 86    | 55  | B  |
| WB9LRK            | 27,000    | 129   | 72  | B   | NØLLH            | 6,120     | 55    | 40  | B  |
| W9HT              | 17,355    | 90    | 65  | B   | WDØBWM           | 4,320     | 41    | 36  | B  |
| WB9NOO            | 5,418     | 46    | 43  | B   | KI4LZK           | 1,404     | 27    | 18  | B  |
| KU8T              | 4,104     | 39    | 38  | B   | WAØN             | 189,420   | 410   | 164 | C  |
| KB9LGS            | 2,772     | 36    | 28  | B   | NØUU             | 155,064   | 368   | 142 | C  |
| W9YB (KC9UWQ, op) | 189       | 9     | 7   | B   | WØBH             | 71,928    | 224   | 108 | C  |
| N9JPM             | 108       | 6     | 6   | B   | NYØT             | 34,875    | 125   | 93  | C  |
| W9RE              | 2,951,214 | 2,434 | 406 | C   | WØUY             | 20,196    | 104   | 66  | C  |
| N9WKW             | 172,380   | 348   | 169 | C   | KCØVTJ           | 18,291    | 94    | 67  | C  |
| WB9FQS            | 30,504    | 129   | 82  | C   | WDØGQA           | 1,140     | 20    | 20  | 20 |
| KE9I              | 172,530   | 645   | 90  | 15  | AEØAR            | 768       | 18    | 16  | 20 |
| WD8DSB            | 147       | 7     | 7   | 160 | <b>Minnesota</b> |           |       |     |    |
| <b>Wisconsin</b>  |           |       |     |     | NDØC             | 191,484   | 395   | 162 | A  |
| AB9XI             | 15,660    | 87    | 60  | B   | NØUR             | 24,768    | 129   | 64  | A  |
| WB9BWP            | 9,204     | 61    | 52  | B   | KØTT             | 109,434   | 300   | 122 | B  |
| KA9JBD            | 5,928     | 52    | 38  | B   | AAØNK            | 108,855   | 300   | 123 | B  |
| W9JET             | 3,075     | 42    | 25  | B   | WAØLJM           | 70,983    | 239   | 99  | B  |
| AF9J              | 2,418     | 32    | 26  | B   | WAØBNX           | 9,588     | 70    | 47  | B  |
| K9XB              | 1,560     | 26    | 20  | B   | KCØJFY           | 8,280     | 65    | 46  | B  |
| KC9HYY            | 1,026     | 19    | 18  | B   | KCØVFP           | 7,965     | 62    | 45  | B  |
| W9OP              | 563,904   | 714   | 267 | C   | KDØNEL           | 4,692     | 46    | 34  | B  |
| K9DN              | 99,456    | 268   | 128 | C   | KCØDMF           | 216       | 9     | 8   | B  |
| W9WS              | 23,331    | 106   | 77  | C   | NEØU             | 432,054   | 785   | 189 | C  |
| K1TN              | 4,200     | 41    | 35  | C   | KØEA             | 368,550   | 599   | 210 | C  |
| WN9MFC            | 5,046     | 58    | 29  | 10  | NØOK             | 365,640   | 562   | 220 | C  |
| WI9H              | 4,320     | 45    | 32  | 80  | NØUY             | 339,480   | 558   | 205 | C  |
| <b>Ø</b>          |           |       |     |     | KØPK             | 302,817   | 529   | 193 | C  |
| <b>Colorado</b>   |           |       |     |     | ACØB             | 174,474   | 366   | 162 | C  |
| KIØJ              | 171,465   | 358   | 161 | B   | WØZQ             | 83,625    | 227   | 125 | C  |
| WØETT             | 63,840    | 231   | 95  | B   | K9DU             | 62,700    | 191   | 110 | C  |
| WØCO              | 30,414    | 137   | 74  | B   | KØVG             | 13,680    | 82    | 57  | C  |
| WØRO              | 16,245    | 107   | 57  | B   | KØJJR            | 1,242     | 23    | 18  | C  |
| KM5TY             | 13,356    | 88    | 53  | B   | WØPI             | 7,533     | 94    | 27  | 10 |
| NO2D              | 11,592    | 84    | 46  | B   | NZ9Y             | 54,054    | 242   | 78  | 20 |
| KØEZW             | 7,371     | 66    | 39  | B   | <b>Missouri</b>  |           |       |     |    |
| KØLDS             | 7,200     | 63    | 40  | B   | KØOU             | 53,295    | 190   | 95  | A  |
| NØAJN             | 5,928     | 54    | 38  | B   | NR9A             | 341,925   | 491   | 235 | B  |
| KØANS             | 1,575     | 26    | 21  | B   | W9GHX            | 89,244    | 222   | 148 | B  |
| KDØBLZ            | 1,056     | 23    | 16  | B   | KDØZZ            | 56,430    | 201   | 99  | B  |
| NØIBT             | 468       | 13    | 12  | B   | KOØZ             | 48,960    | 163   | 102 | B  |
|                   |           |       |     |     | KIØI             | 37,152    | 145   | 86  | B  |

|                         |           |       |     |    |                              |           |       |     |     |
|-------------------------|-----------|-------|-----|----|------------------------------|-----------|-------|-----|-----|
| KFØF                    | 35,346    | 138   | 86  | B  | VY2ZM                        | 44,286    | 245   | 61  | 160 |
| WØZM                    | 30,798    | 120   | 87  | B  | <b>Manitoba</b>              |           |       |     |     |
| W7KAM                   | 27,090    | 132   | 70  | B  | VE4YU                        | 129,846   | 323   | 134 | B   |
| WBØQIR                  | 23,625    | 111   | 75  | B  | VE4SN                        | 5,016     | 45    | 38  | B   |
| K2HT                    | 11,607    | 76    | 53  | B  | VE4RON                       | 960       | 20    | 16  | B   |
| KØLAF                   | 9,933     | 77    | 43  | B  | VE4VT                        | 350,460   | 540   | 220 | C   |
| KDØKQS                  | 4,092     | 44    | 31  | B  | VE4KZ                        | 14,337    | 84    | 59  | C   |
| NØAXZ                   | 1,425     | 25    | 19  | B  | <b>Newfoundland/Labrador</b> |           |       |     |     |
| NQØI                    | 363       | 11    | 11  | B  | VO1BBN                       | 250,908   | 416   | 203 | B   |
| KØDEQ                   | 177,480   | 415   | 145 | C  | VO1DJT                       | 158,148   | 389   | 138 | B   |
| KIØHQ                   | 113,652   | 291   | 132 | C  | VO1KVT                       | 808,176   | 1,202 | 226 | C   |
| KIØHA                   | 69,750    | 187   | 125 | C  | <b>Northern Territories</b>  |           |       |     |     |
| KØARY                   | 37,905    | 139   | 95  | C  | VE8GER                       | 45,828    | 229   | 67  | B   |
| K8MCN                   | 3,813     | 43    | 31  | C  | VE8EV                        | 505,905   | 1,178 | 145 | C   |
| WAØFQK                  | 8,610     | 82    | 35  | 10 | VE8DW                        | 1,530     | 34    | 15  | 20  |
| KFØIQ                   | 3,750     | 53    | 25  | 10 | <b>Ontario</b>               |           |       |     |     |
| KB9SDX                  | 1,530     | 30    | 17  | 10 | VA3DF                        | 320,100   | 485   | 220 | A   |
| KDØLOS                  | 12        | 2     | 2   | 10 | VA3WPV                       | 30,996    | 130   | 82  | A   |
| WØHBH                   | 39,537    | 193   | 69  | 15 | VE3HG                        | 27,612    | 119   | 78  | A   |
| KAØP                    | 216       | 9     | 8   | 15 | VA3RKM                       | 4,968     | 46    | 36  | A   |
| <b>North Dakota</b>     |           |       |     |    | VA3SWG                       | 417,024   | 783   | 181 | B   |
| N7IV                    | 45,738    | 238   | 66  | 20 | VE3AD                        | 322,812   | 606   | 183 | B   |
| <b>Nebraska</b>         |           |       |     |    | VE3CV                        | 253,260   | 471   | 180 | B   |
| KYØK                    | 239,259   | 466   | 173 | B  | VE3TU                        | 172,692   | 354   | 164 | B   |
| NØHTV                   | 36,975    | 146   | 85  | B  | VE3OM                        | 97,524    | 261   | 126 | B   |
| KBØQH                   | 20,493    | 101   | 69  | B  | VA3UG                        | 89,298    | 246   | 123 | B   |
| WØKT                    | 17,052    | 101   | 58  | B  | VA3GD                        | 64,092    | 204   | 109 | B   |
| WBØM                    | 11,880    | 72    | 55  | B  | VA3GKO                       | 50,400    | 154   | 112 | B   |
| NØYKA                   | 270       | 10    | 9   | B  | VE3DZ                        | 46,725    | 175   | 89  | B   |
| WMØL                    | 151,536   | 340   | 154 | C  | VA3FS                        | 39,432    | 132   | 106 | B   |
| <b>South Dakota</b>     |           |       |     |    | VA3DBT                       | 24,975    | 113   | 75  | B   |
| WBØTSR                  | 173,961   | 388   | 153 | B  | VE3NQM                       | 11,925    | 76    | 53  | B   |
| KKØSD                   | 69,030    | 196   | 118 | B  | VA3PAW                       | 9,984     | 66    | 52  | B   |
| WBØULX                  | 34,830    | 129   | 90  | B  | VA3FN                        | 9,072     | 64    | 48  | B   |
| <b>Canada</b>           |           |       |     |    | VE3AJ                        | 7,080     | 59    | 40  | B   |
| <b>Alberta</b>          |           |       |     |    | VA3TPV                       | 6,270     | 55    | 38  | B   |
| VE6EX                   | 314,340   | 626   | 169 | B  | VE3NR                        | 2,697     | 31    | 29  | B   |
| VE6SQ                   | 3,825     | 51    | 25  | B  | VE3PYJ                       | 1,449     | 23    | 21  | B   |
| VE6WP                   | 366,336   | 638   | 192 | C  | VE3RCN                       | 1,200     | 20    | 20  | B   |
| VE6FN                   | 7,080     | 60    | 40  | C  | VE3WCQ                       | 360       | 12    | 10  | B   |
| VA6MA                   | 50,091    | 290   | 59  | 15 | VE3EJ                        | 4,374,360 | 3,364 | 435 | C   |
| <b>British Columbia</b> |           |       |     |    | VC3A (VE3AT, op)             | 4,043,760 | 3,260 | 415 | C   |
| VE7NS                   | 24,882    | 144   | 58  | B  | VE3TA                        | 1,817,091 | 2,010 | 303 | C   |
| VE7JWS                  | 8,775     | 81    | 39  | B  | VA3YOJ                       | 408,816   | 681   | 204 | C   |
| VA7AM                   | 6,600     | 50    | 44  | B  | VA3XH                        | 306,375   | 487   | 215 | C   |
| VA7ZM                   | 3,825     | 53    | 25  | B  | VA3ZDX                       | 292,110   | 475   | 214 | C   |
| VA7GAP                  | 2,652     | 52    | 17  | B  | VA3LUK                       | 1,368     | 24    | 19  | C   |
| VE7CC                   | 1,997,730 | 2,127 | 315 | C  | VA3FP                        | 37,800    | 200   | 63  | 15  |
| VA7ST                   | 388,962   | 689   | 189 | C  | VE3TL                        | 30,885    | 145   | 71  | 20  |
| VE7JR                   | 16,182    | 94    | 58  | C  | VE3FU                        | 28,500    | 191   | 50  | 40  |
| VE7ACN                  | 504       | 24    | 7   | C  | VE3SWS                       | 12,972    | 94    | 46  | 40  |
| VE7DAQ                  | 108       | 9     | 4   | 20 | VE3IH                        | 8,064     | 67    | 42  | 40  |
| <b>Maritime</b>         |           |       |     |    | <b>Quebec</b>                |           |       |     |     |
| VE9ML                   | 298,143   | 486   | 211 | B  | VE2AXO                       | 61,506    | 210   | 102 | B   |
| VE1ZA                   | 270,906   | 555   | 163 | B  | VE2KY                        | 28,182    | 131   | 77  | B   |
| VE1ZJ                   | 150,150   | 356   | 143 | B  | VE2JR                        | 11,544    | 78    | 52  | B   |
| VE9OA                   | 66,816    | 196   | 116 | B  | VA2RIO                       | 9,108     | 69    | 44  | B   |
| VY2TT (K6LA, op)        |           |       |     |    | VE2DRO                       | 468       | 14    | 12  | B   |
|                         | 3,902,121 | 3,388 | 387 | C  | <b>Saskatchewan</b>          |           |       |     |     |
| VE9HF                   | 153,120   | 643   | 80  | 20 | VE5SF                        | 74,844    | 237   | 108 | B   |
| VE1RAR                  | 31,104    | 166   | 64  | 20 | VE5MC                        | 61,476    | 192   | 109 | B   |
| VE1OP                   | 10,092    | 58    | 58  | 20 | VE5GC                        | 1,440     | 24    | 20  | B   |
| K6AAX/VY2               | 152,460   | 616   | 84  | 80 |                              |           |       |     |     |

|        |        |     |    |    |
|--------|--------|-----|----|----|
| VA5LF  | 23,517 | 118 | 67 | C  |
| VE5KS  | 8,910  | 100 | 30 | 10 |
| VE5CPU | 5,394  | 64  | 29 | 20 |

# Single Operator Assisted

## United States

### 1

|        |           |       |     |   |
|--------|-----------|-------|-----|---|
| N1DG   | 1,689,639 | 1,327 | 427 | C |
| K2TE   | 1,547,577 | 1,400 | 373 | C |
| W1CTN  | 1,461,768 | 1,258 | 392 | C |
| AA1V   | 1,432,809 | 1,208 | 399 | C |
| K1FWE  | 1,352,544 | 1,179 | 386 | C |
| K1UO   | 1,085,859 | 925   | 393 | C |
| W1BV   | 981,981   | 1,026 | 327 | C |
| KA2KON | 741,150   | 819   | 305 | B |
| W1EBI  | 738,819   | 800   | 309 | C |
| KX1X   | 694,260   | 803   | 290 | C |
| W1RZF  | 661,941   | 960   | 237 | C |
| W1MA   | 571,455   | 749   | 255 | C |
| W2JU   | 566,772   | 647   | 292 | C |
| W1KT   | 566,352   | 626   | 304 | B |
| W1KQ   | 551,232   | 712   | 261 | C |
| W1NR   | 521,664   | 612   | 286 | C |
| KG1E   | 515,508   | 652   | 266 | B |
| W1BYH  | 513,336   | 593   | 293 | C |
| KV1J   | 508,128   | 635   | 268 | C |
| KA1IOR | 501,840   | 686   | 246 | C |
| NF1O   | 495,819   | 622   | 267 | B |
| K1LD   | 486,222   | 591   | 278 | C |
| AD1DX  | 441,051   | 570   | 263 | C |
| W1NG   | 440,820   | 467   | 316 | C |
| N1KWF  | 403,860   | 536   | 254 | C |
| KB1OWT | 403,269   | 592   | 229 | C |
| N1API  | 402,201   | 675   | 201 | B |
| KK1W   | 344,520   | 497   | 232 | C |
| K1RV   | 302,937   | 422   | 241 | C |
| KT1B   | 290,745   | 456   | 213 | C |
| WA1Z   | 287,766   | 440   | 219 | B |
| N8RA   | 255,714   | 395   | 218 | C |
| N3ER   | 252,288   | 445   | 192 | C |
| N1ZJ   | 247,254   | 413   | 203 | C |
| AE1T   | 234,930   | 413   | 191 | C |
| W3IZ   | 231,768   | 527   | 148 | C |
| AD1L   | 228,105   | 411   | 185 | B |
| K1KXN  | 225,069   | 389   | 199 | B |
| KB1W   | 220,320   | 439   | 170 | C |
| K1TH   | 211,680   | 398   | 180 | C |
| K1TR   | 203,112   | 365   | 186 | C |
| W3SM   | 178,974   | 327   | 183 | B |
| NE1F   | 166,608   | 319   | 178 | B |
| NU1O   | 121,830   | 312   | 131 | C |
| W1EL   | 120,684   | 227   | 178 | C |
| KA1GEU | 91,176    | 233   | 131 | C |
| AB1OC  | 80,040    | 193   | 145 | B |
| W1MSW  | 70,959    | 220   | 109 | C |
| KB1ST  | 70,920    | 201   | 120 | B |
| KB1UUB | 70,686    | 193   | 126 | B |
| WA1ZYX | 64,152    | 199   | 108 | B |
| WA1N   | 47,736    | 155   | 104 | B |
| KX1G   | 45,000    | 155   | 100 | C |
| WC1Y   | 44,802    | 135   | 114 | B |
| K2RS   | 31,275    | 139   | 75  | B |
| W1UK   | 30,624    | 116   | 88  | C |
| W1RM   | 28,122    | 110   | 86  | C |
| W1KF   | 26,784    | 97    | 93  | B |
| K1TW   | 26,208    | 112   | 78  | B |

|       |        |     |    |   |
|-------|--------|-----|----|---|
| KK1X  | 20,196 | 102 | 68 | B |
| KI1U  | 19,497 | 98  | 67 | C |
| K1PH  | 19,398 | 108 | 61 | C |
| K1AIR | 7,728  | 61  | 46 | B |
| W1WBB | 7,056  | 56  | 42 | B |
| KE1CY | 270    | 10  | 9  | B |
| W1TR  | 147    | 7   | 7  | C |

### 2

|                   |           |       |     |   |
|-------------------|-----------|-------|-----|---|
| N2MM              | 2,246,874 | 1,780 | 427 | C |
| W1GD              | 2,177,412 | 1,738 | 421 | C |
| W2IRT             | 1,720,488 | 1,380 | 418 | C |
| N2WKS             | 1,426,488 | 1,220 | 392 | C |
| W2GDJ             | 1,381,212 | 1,230 | 378 | C |
| KF2O              | 1,307,205 | 1,041 | 421 | C |
| N1EU              | 1,238,736 | 1,054 | 394 | C |
| AB3CX             | 1,216,125 | 1,180 | 345 | C |
| N1BM              | 1,186,140 | 1,069 | 373 | C |
| K2ONP             | 832,320   | 876   | 320 | C |
| W2NY              | 697,926   | 801   | 293 | C |
| N2SQW             | 674,832   | 831   | 272 | C |
| W2LE              | 647,856   | 823   | 264 | C |
| N1JP              | 642,816   | 783   | 279 | C |
| K2BX              | 625,536   | 732   | 288 | C |
| N2KPB             | 578,160   | 695   | 292 | B |
| K2EP              | 479,661   | 639   | 251 | C |
| N2UN              | 467,868   | 618   | 254 | C |
| WA3AFS            | 430,416   | 494   | 294 | C |
| WC2L              | 425,568   | 576   | 248 | C |
| N2MUN             | 409,428   | 614   | 223 | C |
| W6XR              | 393,786   | 508   | 262 | C |
| N2VW              | 383,232   | 504   | 256 | C |
| WA2MCR            | 332,640   | 507   | 224 | B |
| K2XF              | 300,753   | 434   | 237 | C |
| K2SQS             | 286,911   | 454   | 213 | C |
| N2FF              | 263,697   | 438   | 203 | C |
| K2QPN             | 263,697   | 439   | 203 | C |
| W2RDM             | 260,292   | 448   | 199 | B |
| W2JJ (WA2VUN, op) |           |       |     |   |
|                   | 238,464   | 378   | 216 | C |
| N2ED              | 226,938   | 370   | 218 | C |
| KS2G              | 217,488   | 371   | 197 | B |
| AB2E              | 201,366   | 340   | 198 | C |
| N2NI              | 196,980   | 338   | 196 | C |
| K2RET             | 159,894   | 333   | 162 | C |
| K2MFY             | 121,056   | 422   | 97  | B |
| WG2Y              | 116,064   | 255   | 156 | C |
| W2DZ              | 113,220   | 258   | 148 | B |
| KC2YEA            | 99,630    | 250   | 135 | B |
| K2CJ              | 99,000    | 252   | 132 | C |
| K2MK              | 98,010    | 243   | 135 | C |
| KC2SST            | 78,744    | 195   | 136 | C |
| K2YR              | 78,540    | 190   | 140 | C |
| KI2P              | 64,071    | 195   | 113 | C |
| K2WLO             | 62,118    | 176   | 119 | B |
| AA2DT             | 54,378    | 161   | 114 | B |
| K2RB              | 51,300    | 183   | 95  | C |
| WA2NLL            | 48,600    | 150   | 108 | B |
| WO2Y              | 40,896    | 198   | 71  | C |
| WK2E              | 39,204    | 122   | 108 | C |
| K2ZC              | 37,422    | 128   | 99  | C |
| WU2X              | 35,445    | 141   | 85  | C |
| KJ4IC             | 30,000    | 125   | 80  | B |
| WB2TPS            | 24,960    | 104   | 80  | B |
| K2PF              | 23,310    | 107   | 74  | B |
| W2KRD             | 22,344    | 104   | 76  | B |
| N2VM              | 17,160    | 98    | 65  | B |
| K2QB              | 15,390    | 92    | 57  | B |

|                   |           |       |     |   |          |           |       |     |   |
|-------------------|-----------|-------|-----|---|----------|-----------|-------|-----|---|
| W2HCB             | 14,760    | 85    | 60  | C | K3OOO    | 20,709    | 117   | 59  | C |
| W2RR (WA2AOG, op) |           |       |     |   | W3AG     | 19,776    | 104   | 64  | B |
|                   | 11,520    | 98    | 40  | C | KB3LTT   | 18,000    | 103   | 60  | B |
| K2TZY             | 10,620    | 63    | 59  | B | KB3JQQ   | 8,280     | 92    | 30  | C |
| N2SCJ             | 9,918     | 58    | 58  | B | K2YWE    | 6,762     | 49    | 49  | C |
| WB2NVR            | 5,130     | 49    | 38  | B | K3YG     | 3,888     | 36    | 36  | C |
| WF2B              | 4,650     | 50    | 31  | C |          |           |       |     |   |
| <b>3</b>          |           |       |     |   | <b>4</b> |           |       |     |   |
| K3WW              | 3,839,136 | 2,792 | 464 | C | N4ZC     | 2,051,322 | 1,556 | 442 | C |
| N3RR              | 2,799,357 | 2,099 | 451 | C | N8PR     | 1,667,328 | 1,349 | 416 | C |
| AA3B              | 2,772,540 | 2,118 | 438 | C | WX4G     | 1,397,250 | 1,379 | 345 | C |
| N3RS              | 2,594,469 | 1,995 | 437 | C | KT4Q     | 1,295,658 | 1,283 | 339 | C |
| WB3FIZ            | 1,151,982 | 1,133 | 351 | C | W3OA     | 1,276,644 | 1,118 | 382 | C |
| N3ZA              | 1,118,862 | 1,027 | 366 | C | K3XC     | 1,232,877 | 1,081 | 383 | C |
| K3NM              | 1,100,088 | 941   | 396 | C | N6AR     | 1,222,452 | 1,093 | 378 | C |
| W3EKT             | 1,060,896 | 1,049 | 344 | C | K5EK     | 1,219,848 | 1,103 | 371 | C |
| K4IKM             | 1,051,650 | 1,045 | 342 | C | N4RA     | 1,014,039 | 981   | 351 | C |
| N3MX              | 1,051,518 | 1,041 | 338 | C | K4QE     | 980,634   | 928   | 353 | C |
| W3GM (K3ND, op)   |           |       |     |   | KT4ZB    | 977,499   | 1,049 | 313 | B |
|                   | 900,558   | 926   | 327 | C | WJ2D     | 955,086   | 1,003 | 319 | C |
| K3IPK             | 870,912   | 904   | 324 | C | W7DO     | 909,216   | 876   | 352 | C |
| W3KL              | 842,634   | 1,018 | 277 | C | W2OX/4   | 787,050   | 822   | 330 | C |
| W3KB              | 748,584   | 843   | 296 | B | W3GQ     | 768,408   | 811   | 317 | C |
| K3FT              | 710,073   | 894   | 273 | C | KG4W     | 727,056   | 752   | 324 | C |
| AA3K              | 675,255   | 773   | 295 | C | KØLUZ    | 712,140   | 840   | 286 | C |
| W3EA              | 657,876   | 764   | 292 | C | N2QT     | 600,600   | 655   | 308 | C |
| KD3TB             | 593,865   | 756   | 265 | C | K1PT     | 581,856   | 643   | 304 | C |
| N3WD              | 588,240   | 651   | 304 | C | KD2JA    | 559,410   | 650   | 290 | C |
| WA3F              | 548,784   | 624   | 296 | C | KC4HW    | 516,894   | 814   | 217 | C |
| K1RH              | 537,972   | 711   | 254 | C | N4PB     | 503,700   | 586   | 292 | C |
| K3TUF             | 525,672   | 595   | 298 | C | W4LT     | 490,428   | 733   | 228 | C |
| K3ATO             | 514,368   | 625   | 282 | C | N4ZZ     | 446,892   | 674   | 223 | C |
| W3BW              | 509,850   | 553   | 309 | C | N4DJ     | 443,520   | 618   | 240 | C |
| KA3HED            | 466,992   | 570   | 276 | C | WB4OMM   | 416,472   | 546   | 259 | B |
| W3OU              | 453,600   | 564   | 270 | C | W4JVN    | 410,949   | 598   | 231 | C |
| N3NR              | 443,070   | 550   | 270 | C | AA4DD    | 403,323   | 579   | 233 | C |
| K3OO              | 352,758   | 454   | 259 | C | W2YE     | 398,784   | 538   | 248 | C |
| K3TM              | 343,980   | 498   | 234 | C | K5VIP    | 394,680   | 523   | 253 | C |
| K3PP              | 335,412   | 465   | 242 | C | KD4LYS   | 383,736   | 551   | 236 | C |
| N3ALN             | 308,271   | 498   | 211 | B | WØPV     | 372,744   | 502   | 248 | B |
| AK3S              | 307,638   | 494   | 211 | C | WW4CP    | 364,485   | 563   | 235 | C |
| K3OQ              | 289,674   | 478   | 209 | C | W4AS     | 329,664   | 409   | 272 | C |
| K3TN              | 284,400   | 397   | 240 | C | AF4AI    | 320,160   | 484   | 230 | C |
| K3BHX             | 254,610   | 422   | 205 | C | NC4MI    | 319,032   | 510   | 211 | C |
| W3GK              | 217,404   | 407   | 183 | C | WD4K     | 271,491   | 441   | 209 | C |
| KN3A              | 216,972   | 373   | 196 | B | W4HK     | 265,527   | 507   | 181 | B |
| W6AAN             | 179,280   | 332   | 180 | B | NV4A     | 252,540   | 375   | 230 | C |
| W4EE              | 150,300   | 302   | 167 | B | K4JPD    | 235,818   | 405   | 198 | C |
| NN3RP             | 139,020   | 339   | 140 | C | W4QN     | 230,202   | 378   | 203 | C |
| N3YIM             | 120,432   | 211   | 193 | C | WA2VYA   | 225,600   | 378   | 200 | C |
| W3UL              | 114,432   | 257   | 149 | C | KE4UW    | 224,016   | 363   | 208 | C |
| WB8YYZ            | 112,197   | 252   | 149 | B | N4HXI    | 211,770   | 363   | 195 | B |
| WW3S              | 111,981   | 229   | 163 | B | AF1E     | 210,372   | 379   | 188 | C |
| W3TMS             | 103,329   | 269   | 129 | C | K9OM     | 196,425   | 294   | 225 | C |
| K3VA              | 99,294    | 249   | 134 | C | N4JOW    | 192,585   | 358   | 185 | C |
| K3MRK             | 95,985    | 238   | 135 | B | W4ZAO    | 174,384   | 351   | 168 | B |
| K3RMB             | 91,260    | 236   | 130 |   | W1MD     | 174,174   | 320   | 182 | B |
| W3OD              | 70,119    | 161   | 147 | B | K2SX     | 172,845   | 356   | 167 | C |
| KD3RF             | 64,071    | 192   | 113 | C | K8YC     | 170,235   | 292   | 195 | C |
| W9GE              | 58,017    | 236   | 83  | C | W4DAS    | 167,637   | 326   | 173 | B |
| N3RD              | 52,800    | 161   | 110 | C | K4FPF    | 166,320   | 398   | 140 | B |
| K3FH              | 45,828    | 136   | 114 | B | N3MK     | 162,279   | 252   | 219 | C |
| WØBR              | 43,008    | 129   | 112 | C | KT4LST   | 153,996   | 316   | 164 | B |
| K3FS              | 41,820    | 175   | 82  | B | AD4IE    | 151,848   | 350   | 148 | C |
| NE3H              | 24,990    | 101   | 85  | C | K3USC    | 132,276   | 296   | 151 | C |
| AB3IC             | 24,486    | 108   | 77  | B | WT5L     | 132,240   | 290   | 152 | B |
| ND3D              | 23,100    | 111   | 70  | B | N4QS     | 122,157   | 280   | 147 | C |
|                   |           |       |     |   | WW4DD    | 120,045   | 279   | 151 | C |

|                  |           |       |     |   |                  |           |       |     |   |
|------------------|-----------|-------|-----|---|------------------|-----------|-------|-----|---|
| N4DXI            | 106,134   | 272   | 133 | C | KC5FP            | 76,518    | 226   | 117 | B |
| W4/MØBUE         | 98,829    | 243   | 139 | B | N5KDV            | 70,281    | 174   | 137 | C |
| N3KN             | 96,876    | 238   | 138 | C | AG5S             | 66,708    | 212   | 109 | C |
| W4WNT            | 95,211    | 213   | 149 | B | NM5Z             | 63,903    | 182   | 119 | C |
| KD8IGK           | 79,704    | 230   | 123 | C | W5HP             | 42,042    | 157   | 91  | B |
| W3ZL             | 75,756    | 219   | 118 | B | K5AEM            | 38,985    | 115   | 115 | B |
| K4FTO            | 69,696    | 195   | 121 | B | WØVX             | 33,600    | 226   | 50  | C |
| NS4X             | 68,208    | 204   | 112 | C | KI5EE            | 31,284    | 140   | 79  | B |
| WA4ZXV           | 67,344    | 190   | 122 | C | AB5XZ            | 21,840    | 117   | 65  | B |
| N4UEZ            | 57,720    | 185   | 104 | B | N5KAE            | 15,318    | 74    | 69  | C |
| N4TOL            | 56,856    | 184   | 103 | B | KF5IXE           | 13,197    | 84    | 53  | B |
| KJ4IEC           | 54,600    | 142   | 130 | C | AE5NO            | 8,550     | 58    | 50  | B |
| ND4V             | 53,928    | 168   | 107 | C | KB5AI            | 6,615     | 56    | 45  | B |
| W1IE             | 50,220    | 171   | 108 | C | N5UWY            | 2,016     | 29    | 24  | B |
| K4KZZ            | 46,431    | 206   | 77  | C | W4JHC            | 585       | 15    | 13  | B |
| KJ4IPF           | 43,329    | 151   | 101 | B | W5KI             | 288       | 12    | 8   | C |
| N4MIK            | 43,326    | 170   | 87  | B | WA5WFE           | 3         | 1     | 1   | B |
| AK4QU            | 40,185    | 143   | 95  | B |                  |           |       |     |   |
| K4JAF            | 39,624    | 130   | 104 | B | <b>6</b>         |           |       |     |   |
| K4HQB            | 39,045    | 138   | 95  | B | N6QQ             | 1,293,306 | 1,181 | 371 | C |
| KD4RH            | 36,408    | 166   | 74  | C | N6JV             | 846,153   | 1,103 | 259 | C |
| N4APR            | 34,398    | 123   | 98  | C | AA6PW            | 797,160   | 929   | 292 | C |
| KM4JA            | 33,930    | 149   | 78  | B | WE6DX            | 769,824   | 1,199 | 216 | C |
| AB9J             | 31,860    | 119   | 90  | C | N6WS             | 537,054   | 677   | 266 | C |
| W4MYA            | 30,258    | 127   | 82  | C | WN6K             | 525,930   | 755   | 235 | B |
| N4DTF            | 28,248    | 109   | 88  | B | K5OA             | 458,796   | 709   | 221 | C |
| KS4S             | 27,090    | 131   | 70  | B | W6SR             | 425,565   | 590   | 245 | C |
| NY4I             | 26,460    | 107   | 84  | C | N6WK             | 369,000   | 504   | 246 | C |
| KC2NYU           | 25,500    | 100   | 85  | B | N6ED             | 282,150   | 452   | 209 | C |
| N4ARO            | 22,356    | 110   | 69  | B | K6RIM            | 277,296   | 438   | 212 | C |
| K4MOA            | 21,777    | 119   | 61  | B | W5DQ             | 204,417   | 341   | 201 | C |
| NA3Z             | 21,210    | 103   | 70  | B | K6MMU            | 79,242    | 292   | 94  | B |
| N1HO             | 20,976    | 93    | 76  | B | AF6WF            | 68,688    | 221   | 106 | C |
| NS9I             | 20,196    | 104   | 66  | B | K6AAB            | 67,260    | 192   | 118 | B |
| KC4QYG           | 17,028    | 87    | 66  | B | KF6ILA           | 60,480    | 195   | 105 | C |
| NF3C (W4VIC, op) |           |       |     |   | W7TR (KH2TJ, op) |           |       |     |   |
|                  | 15,675    | 97    | 55  | C |                  | 50,640    | 211   | 80  | B |
| AJ4CG            | 14,760    | 85    | 60  | C | W6DPD            | 49,932    | 148   | 114 | C |
| N3AO             | 14,535    | 85    | 57  | B | K6III            | 48,195    | 155   | 105 | C |
| K1GU             | 12,675    | 65    | 65  | C | K6GEP            | 47,472    | 172   | 92  | C |
| N4BFR            | 10,440    | 61    | 58  | B | W6SZN            | 45,144    | 182   | 88  | C |
| WD4KTF           | 9,150     | 68    | 50  | B | N6XT             | 42,300    | 153   | 100 | C |
| K4GRE            | 8,268     | 54    | 52  | B | N6AN             | 39,867    | 139   | 97  | C |
| N4MUH            | 6,480     | 56    | 40  | B | K6ST             | 36,735    | 158   | 79  | C |
| WA1FCN           | 4,284     | 53    | 28  | B | WB6CZG           | 33,948    | 143   | 82  | C |
| W4JNC            | 3,780     | 40    | 35  | B | N6ETO            | 31,500    | 143   | 75  | C |
| K4XZ             | 3,564     | 38    | 33  | C | KD6WKY           | 31,122    | 186   | 57  | B |
| N4DW             | 3,150     | 35    | 30  | B | KY6LA            | 30,258    | 125   | 82  | C |
| KI4HHK           | 2,775     | 38    | 25  | B | W1RH             | 28,875    | 128   | 77  | C |
| K8KI             | 2,394     | 39    | 21  | C | W6KY             | 28,272    | 152   | 62  | B |
| W4BCG            | 2,016     | 29    | 24  | B | W6DE             | 27,306    | 113   | 82  | C |
| AA4VV            | 1,500     | 26    | 20  | B | NS6E             | 21,840    | 131   | 56  | B |
| WBØPOH           | 900       | 21    | 15  | C | N6BM             | 18,297    | 111   | 57  | B |
| NB4F             | 561       | 17    | 11  | B | K6LE             | 16,920    | 121   | 47  | B |
| NN4X             | 540       | 15    | 12  | C | W6HYI            | 15,840    | 97    | 55  | C |
| K4FT             | 300       | 10    | 10  | C | W6JWP            | 13,596    | 105   | 44  | B |
| KI4BKE           | 270       | 10    | 9   | B | W6GJB            | 10,767    | 100   | 37  | C |
| K4JGR            | 270       | 11    | 9   | C | KJ6LJB           | 10,062    | 83    | 43  | C |
| <b>5</b>         |           |       |     |   | W6FB             | 9,324     | 77    | 42  | C |
| N5JR             | 1,093,332 | 1,024 | 358 | C | AG6AN            | 6,837     | 53    | 43  | B |
| K5QXR            | 993,537   | 1,107 | 303 | C | N6MW             | 4,305     | 41    | 35  | C |
| N5DO             | 974,133   | 998   | 327 | B | W6PK             | 3,465     | 37    | 33  | C |
| N1CC             | 258,084   | 407   | 214 | B | W6SZG            | 2,436     | 29    | 29  | C |
| K7IA             | 218,880   | 391   | 190 | C | N6ROB            | 1,980     | 33    | 20  | B |
| K5MV             | 157,458   | 341   | 161 | C | NS6T             | 1,848     | 28    | 22  | B |
| W3TZ             | 119,070   | 303   | 135 | C | AG6IP            | 1,296     | 28    | 16  | B |
| NT5V             | 81,549    | 227   | 123 | C | K6TIG            | 990       | 22    | 15  | B |

## 7

8



K1NSS (+ W1GUH)  
7,869 67 43 B

**3**  
K9RS (+ W2GD & W3CF)  
3,447,900 2,598 450 C  
W3MF (+ K3PH)  
2,195,856 1,783 414 C  
K3MD (+ N3PUR)  
1,874,964 1,740 364 C  
N3BNA (+ K3QF)  
1,246,665 1,103 383 C  
KC3WX (+)  
714,828 868 284 C  
K3NEM (K2YWE, K3RA, WA3AER, ND3D,  
K3YH, KB3GSA, KB3HUR, KB3QNA, ops)  
572,994 755 262 C  
W3DQ (+ K3ZJ & N8HM)  
564,630 660 290 C  
W3ZGD (WA1HEW, N3NRN, N3XUD, K3NK,  
K3MSB, K3JPT, KB3STA, K4JLD, KO3T, ops)  
512,472 666 262 B  
W3SQ (+ WB3IWC)  
365,508 588 213 C  
W3WN (+ W3WH)  
116,130 248 158 B  
K3IT (+)  
12,240 80 51 B  
W3LRC (KB3VQH, NF8I, WV3D, ops)  
6,201 54 39 B

**4**  
W4HZ (+ W4PM, N4DEN, KJ4IPF, KJ4IT,  
KG4QIV, AAIGW)  
1,593,108 1,371 396 C  
AD4ES (+ K9ES)  
345,060 549 213 C  
KD4RF (AB9J & W9EQ, ops)  
276,864 454 206 C

**5**  
N5YA (+ W5WPN, N5DXQ, K5MQ, KA5REJ,  
N5LZX, K5QE)  
1,034,892 1,108 323 C  
W0UO (+ W5AO, K5ANR, KB5YLG, KE5SCG,  
KF5BHG, N5TIT)  
797,268 854 316 B  
K5KDX (+ K5KDL)  
153,972 340 156 B  
AD5XM (+)  
7,056 58 42 B

**6**  
NX6T (AF6WF, K6KAL, WQ6X, K6GO, N6OHS,  
KL7SB, NN6X, N6EEG, KD6HYN, N6KI, ops)  
1,410,825 1,468 325 C  
K6MMM (KE1B & W6NN, ops)  
614,925 919 225 C  
W6YX (K6UFO, N7MH, NF1R, ops, @ W6YX)  
534,540 758 236 B  
N6DZR (+ KD6CTZ)  
180,387 393 153 B  
K6KO (+ K6TA)  
108,000 242 150 C  
AC6DD (+ NIKO ZEN)  
1,482 29 19 C

**7**  
K7ZS (+ KE7AUB, N7BEF, W7ZB, KT7E)  
1,229,256 1,650 252 C  
N7VF (+ KF7CYG)  
527,040 761 240 C  
WC7WB (W0EMS, W0SZ, K10KB, ops)  
460,845 748 209 C  
WX7P (+ AD7XG, K0HL, KF7IUN, N7CKJ)  
301,920 644 160 C  
KO7X (+ KD7RQU)  
132,606 320 139 C

**8**  
KC8IMB (+ KC8ODA, KC8ODB, KD8MVI)  
200,301 377 179 C  
W8LRC (KD8CWP, N8XX, KA5S, ops)  
35,802 169 78 B  
K8DAC (W8DW, KC8YVF, W8EAB, N8XPS,  
KD8MMJ, KD8MMH, ops)  
4,512 48 32 B

**9**  
KD9ST (+ KA9SQR, KB9EXE, KC9PAT, WY9D)  
1,323,252 1,248 356 C  
WN9O (+ W9IU)  
1,238,733 1,128 369 C  
K0RF (+ W0UA)  
3,495,270 2,653 443 C  
K0JE (+ K0JA)  
341,172 506 234 C  
W0FRC (K0GIE & K0SU, ops)  
114,363 299 131 C

## Canada

VE3MIS (VE3XAP, VE3CWU, VE3DZ, VA3NMI,  
VE3IMG, ops)  
1,240,272 1,289 324 C  
VE2NGH (+ VA2UTC, VE2OXA, VE2OFH,  
VA2SH)  
988,686 1,086 306 C  
VE6AO (VE6TC, VA6DBA, VE6FMH, VE6CCL,  
ops)  
147,708 380 132 C  
VE7NA (VA7DSW, VA7YSF, VA7DGV,  
VA7DPF, VA7ANI VE7BGP, ops)  
13,608 113 42 B  
VE3OKK/VE2 (VE3OKK, VE3WMT, VE3ZJS,  
ops)  
972 19 18 B

## Multioperator Two Transmitters

### United States

**1**  
KB1H (+ K1EBY, NB1U, W1UJ, AA1CE, NR1X)  
4,400,928 3,132 472  
K0TV (+ K1BG, K1HI, W1END, W1STT, WO1N)  
3,275,616 2,411 458  
K1KP (+ K1OA, KB1NOW, N1QD, N1RD)  
2,629,536 2,426 364

**2**  
K2AX (+ N3RG, N3KR, K3ZV, KC2TN)  
2,726,844 2,064 446  
W2YC (+ W0MHK, KA2NDX, AA2WN,  
WA2TML, N2CQ)  
1,867,350 1,512 422

W2CG (+ W2EN)  
1,248,024 1,214 349

**3**  
WA3EKL (+ K3ZZ)  
1,869,462 1,590 401

**4**  
W4RM (+ W4NF, W7IY, K5OF, K4RG, N3AHA, K4UVA)  
4,611,963 3,163 491

**5**  
W5RU (KN5O, K1DW, K5YG, N5HZ, WF5K, K5EYK, ops)  
2,920,680 2,356 420

**6**  
W6WB (JK3GAD, G0CKV, OH1VR, AD6E, KX7M, W6NV, ops)  
4,244,448 3,428 416  
K9YC (+ W6GJB)  
807,534 993 273

**7**  
W7IV (KL7IWC, KW7XX, VA7DXC, VE7YBH, ops)  
2,646,900 2,576 346

**8**  
K8AZ (+ K8BL, K8MR, KQ8M, N8TR, ND8L, W8WTS, WB8K, WT8C)  
4,071,858 2,932 469

**9**  
K9CT (+ K9ZO, KB9UWU, KG9N, N7MB, W9SZ)  
2,937,768 2,275 436  
N0IJ (+ AF9T, K0JJR, NX0X)  
1,980,180 1,736 386  
K9IU (K9SQL, KB9WRA, KC9EVU, KC9UUS, KC9VIM, KD5CFX, N9VKU, ops)  
213,144 432 166  
N9KK (K9WMS & K9PEG, ops)  
73,728 194 128  
N0MA (W0IY, KC0SKM, N0LNO, K0DAS, KC0YGW, ops)  
979,506 1,141 291

### W/VE Multioperator Unlimited

K3LR (+ N2NC, N5UM, W5OV, AD1C, N3SD, N2NT, K1AR, K3UA, DK9TN, N3GJ, XE1KK)  
11,762,118 6,536 603  
W3LPL (+ K1DQV, K1HTV, N11N, N1SZ, W2GG, WX3B, K3MM, K3RA, W3UR, WR3Z, KD4D, WB4FDT, K4ZA, AC6WI, PB2T)  
11,210,844 6,238 604  
WE3C (K3CT, K3TEJ, KF3B, KQ3F, KQ3V, N3RD, NN3Q, W3FV, WE3C, ops)  
9,006,795 5,330 567  
KM1W (W1KM, W1UE, AA1ON, W1FJ, N1TB, W1MAT, K1XM, ops)  
6,031,341 3,947 513  
K1RX (+ N1YX, N9NC, W1VE, WA1N, W1GEK)  
5,725,008 4,050 479  
NR5M (+ IK2QEI, NM5M, W0UN, KU5B, NX5M, N5UI, W5PG, KJ5T, K5GN)  
5,645,184 3,915 488

W2PV (K1MK, K2WR, N1TA, NJ1F, W1TO, ops, @ K1TTT)  
4,756,752 3,407 468  
W0AIH (+ VE3CX, K9MU, K0YR, KB9OWD, NM7X, K0TI, NR0T, OA4ABC, AC0W, KB9AZZ, W0BM, W0ERP, K0TG)  
2,666,166 2,102 431  
NE3F (+ KS3F, N3OW, NB3R, NQ3X, NW2Q)  
2,652,507 2,124 429 C  
AK7AZ (KY7K & N3KCJ, ops)  
908,418 1,021 301  
KB0HH (KC5DPT, KA0KCI, KD0MJD, KD5EKX, WD0GTY, KB0HH, ops)  
572,448 742 268  
N5AA (K5NA & K5DU, ops)  
399,186 404 331  
VE7IO (VE7OFH, VE7FO, VE7ACN, VE7GM, VA7XB, VE7IO, VE7IIE, VE7TI, VE7CZV, ops)  
313,020 585 185  
KB5TX (K4RMC, WA5ZKO, K2HIG, KM5SY, KC5FSP, N5SV, W5GXV, WO5F, KE5GL, K5NOF, KD5MXD, ops)  
144,480 322 160  
WA8RRA (N8MRC, AB8KP, K8BUU, KC8ZPI, KD8LVT, KD8NFA, KD8OKH, W8WDD, KD8ECZ, KC8SIV, N8FAU, ops)  
111,795 279 145  
KE5FXE 54,468 206 89  
N9KY (+)  
24,948 100 84

## DX

### Single Operator

#### Africa

##### Tanzania

5H3EE 211,014 620 114 C

##### Madeira Islands

CT3HF 4,860 56 30 C  
CT3DZ 237,858 1,370 58 15

##### Canary Islands

EA8MT 1,169,136 2,134 184 B  
EA8OM 150,864 455 112 B  
EA8AQV 49,374 212 78 B  
EA8LS 38,367 270 49 20  
EE8O (EA8CQW, op)  
15,429 141 37 20

##### Djibouti

J28AA (E70A, op)  
585 15 13 B

##### Namibia

V51YJ 1,132,509 1,900 199 B

##### South Africa

ZS2NF 137,634 406 113 B  
ZS2I 23,316 136 58 B  
ZS1JY 648 18 12 B

##### Asia

##### Vietnam

XV4Y 45 5 3 15

|                             |         |     |    |    |                     |           |       |     |   |
|-----------------------------|---------|-----|----|----|---------------------|-----------|-------|-----|---|
| <b>Israel</b>               |         |     |    |    | JA2CUS              | 51,120    | 240   | 71  | B |
| 4XØA (4X1VF, op)            |         |     |    |    | JA1GLE              | 31,683    | 182   | 59  | B |
|                             | 5,985   | 95  | 21 | 15 | JH1FNU              | 28,992    | 151   | 64  | B |
| <b>Kuwait</b>               |         |     |    |    | JH3CCT              | 24,963    | 158   | 53  | B |
| 9K2/SP4R                    |         |     |    |    | JR4VEV              | 24,288    | 189   | 44  | B |
| <b>West Malaysia</b>        |         |     |    |    | JA1BJI              | 20,955    | 128   | 55  | B |
| 9M2ESM                      |         |     |    |    | JA6DIJ              | 17,934    | 127   | 49  | B |
| 9M2CQC                      |         |     |    |    | JR2PAU              | 16,560    | 115   | 48  | B |
| 9W2CEH                      |         |     |    |    | JH2MYN              | 16,497    | 120   | 47  | B |
| <b>Singapore</b>            |         |     |    |    | JA1VGV              | 15,255    | 114   | 45  | B |
| 9V1YC                       |         |     |    |    | JH1DYU              | 15,120    | 114   | 45  | B |
| <b>United Arab Emirates</b> |         |     |    |    | JG5UWK              | 13,899    | 113   | 41  | B |
| A65BP (RV6LNA, op)          |         |     |    |    | JA1MZM              | 13,545    | 105   | 43  | B |
|                             | 13,440  | 140 | 32 | 40 | JF1WNT              | 13,524    | 101   | 46  | B |
| <b>Taiwan</b>               |         |     |    |    | JA2KPW              | 9,960     | 84    | 40  | B |
| BV1EK                       |         |     |    |    | JA1AZR              | 9,840     | 83    | 40  | B |
| BX5AA                       |         |     |    |    | JA1OHP              | 9,576     | 86    | 38  | B |
| BV4VQ                       |         |     |    |    | JA2GHP              | 9,000     | 76    | 40  | B |
| BU2AW                       |         |     |    |    | JG1WCT              | 8,928     | 93    | 32  | B |
| <b>China</b>                |         |     |    |    | JA9DTV/1            | 7,440     | 81    | 31  | B |
| BD7OZG                      |         |     |    |    | JA3DAY              | 5,568     | 64    | 29  | B |
| BA4ALC                      |         |     |    |    | JQ2OUL              | 5,394     | 59    | 31  | B |
| BD4RDU                      |         |     |    |    | JE6ADE              | 4,752     | 69    | 24  | B |
| BA1AK                       |         |     |    |    | JE2DOD              | 4,590     | 51    | 30  | B |
| BG4HRM                      |         |     |    |    | JK1NSR              | 4,437     | 51    | 29  | B |
| BG8GAM                      |         |     |    |    | JE8KGG/7            | 4,350     | 58    | 25  | B |
| BG4HJE                      |         |     |    |    | JAØBJY              | 4,131     | 51    | 27  | B |
| BH4QFI                      |         |     |    |    | JA2KKA              | 4,026     | 61    | 22  | B |
| BA7IO                       |         |     |    |    | JE8KKX              | 3,900     | 52    | 25  | B |
| BD4CD                       |         |     |    |    | JQ3EDK              | 3,588     | 46    | 26  | B |
| BG4GVY                      |         |     |    |    | JA1LZK              | 3,381     | 53    | 23  | B |
| BH1MCB                      |         |     |    |    | JØ8BUR              | 3,312     | 48    | 23  | B |
| BH4SCF                      |         |     |    |    | JP1HUJ              | 3,096     | 43    | 24  | B |
| <b>South Korea</b>          |         |     |    |    | JJ5HUD              | 2,808     | 39    | 24  | B |
| HL9BSA                      |         |     |    |    | JA3KKE              | 2,652     | 36    | 26  | B |
| HL5/LA8JKA                  |         |     |    |    | JG1LPL              | 2,646     | 42    | 21  | B |
| HL2/KA8U                    |         |     |    |    | 7J1ABD              | 2,520     | 35    | 24  | B |
| DS5TOS                      |         |     |    |    | JG1SWV              | 2,442     | 38    | 22  | B |
| <b>Thailand</b>             |         |     |    |    | JF1VNR              | 2,268     | 38    | 21  | B |
| E2E                         |         |     |    |    | JJ1LRD              | 2,223     | 40    | 19  | B |
| E21YDP                      |         |     |    |    | JJ1KZZ              | 2,208     | 33    | 23  | B |
| E2ØYLM                      |         |     |    |    | JA9EJG              | 2,079     | 33    | 21  | B |
| HSØZDR                      |         |     |    |    | JAØAVS              | 1,980     | 35    | 22  | B |
| E2ØNKB                      |         |     |    |    | JA4DPL              | 1,860     | 31    | 20  | B |
| <b>Saudi Arabia</b>         |         |     |    |    | JA4AQR              | 1,485     | 34    | 15  | B |
| HZ1DG                       |         |     |    |    | JR3SZZ/3            | 1,296     | 28    | 16  | B |
| 7Z1SJ                       |         |     |    |    | JP1LRT              | 1,092     | 28    | 13  | B |
| <b>Japan</b>                |         |     |    |    | JE3UHV              | 864       | 24    | 12  | B |
| JH1APZ                      |         |     |    |    | JA1LBZ              | 741       | 19    | 13  | B |
| JA2MWV                      |         |     |    |    | JF1KWW              | 660       | 20    | 11  | B |
| JR1NKN                      |         |     |    |    | JA1IZ               | 585       | 15    | 13  | B |
| JK1TCV                      |         |     |    |    | 7M1MCY              | 585       | 16    | 13  | B |
| 7K1CPT                      |         |     |    |    | JF1DWJ              | 351       | 15    | 9   | B |
| JG1MZS                      |         |     |    |    | JØ3OGI              | 252       | 12    | 7   | B |
| JP1IXV                      |         |     |    |    | JG3BXS              | 240       | 11    | 8   | B |
| JA2HNP                      |         |     |    |    | JA1LPQ              | 180       | 10    | 6   | B |
| JH3DMQ                      |         |     |    |    | JR1KDA              | 84        | 7     | 4   | B |
| JH7UJU                      |         |     |    |    | JR1AHP              | 75        | 5     | 5   | B |
| JH4UYB                      |         |     |    |    | JA2JWH              | 48        | 5     | 4   | B |
| 8J2NDP/4 (JM4MGM, op)       |         |     |    |    | JA5NSR              | 12        | 2     | 2   | B |
|                             | 108,630 | 435 | 85 | B  | JAØJHA              | 1,918,938 | 3,012 | 214 | C |
|                             |         |     |    |    | JR1AIB (JH5GHM, op) | 941,460   | 1,868 | 170 | C |
|                             |         |     |    |    | JA7BME              | 257,397   | 725   | 119 | C |
|                             |         |     |    |    | JHØINP              | 142,590   | 495   | 97  | C |
|                             |         |     |    |    | JA2AXB              | 131,736   | 508   | 88  | C |
|                             |         |     |    |    | JF9JTS              | 93,720    | 446   | 71  | C |

|                     |         |       |    |      |                       |         |       |    |      |
|---------------------|---------|-------|----|------|-----------------------|---------|-------|----|------|
| JA3QOS              | 53,562  | 231   | 79 | C    | JL3RDC                | 480     | 16    | 10 | 15   |
| JR2PMT              | 42,048  | 197   | 73 | C    | JO7KMB                | 432     | 13    | 12 | 15   |
| JH1HIC              | 39,780  | 222   | 60 | C    | JA9XAT                | 432     | 16    | 9  | 15   |
| JH1ASG              | 19,872  | 140   | 48 | C    | JA2HYD                | 360     | 15    | 8  | 15   |
| JA7VEI              | 18,312  | 111   | 56 | C    | JA2TTH                | 297     | 11    | 9  | 15   |
| JH7QXJ              | 18,216  | 138   | 44 | C    | JA7HYS                | 270     | 10    | 9  | 15   |
| JA1XS               | 16,638  | 120   | 47 | C    | JG1GCO                | 192     | 8     | 8  | 15   |
| JK1MZT              | 14,934  | 132   | 38 | C    | JG1WKM                | 180     | 10    | 6  | 15   |
| JR1LZK              | 14,190  | 119   | 43 | C    | JH9JJD                | 144     | 8     | 6  | 15   |
| JH8CXW              | 12,408  | 95    | 44 | C    | JH1CVJ                | 108     | 6     | 6  | 15   |
| JH6QFJ              | 11,988  | 109   | 37 | C    | JL7FBV/1              | 96      | 8     | 4  | B 15 |
| JP1EWY              | 11,844  | 85    | 47 | C    | JF7GDF                | 90      | 6     | 5  | 15   |
| JA0NFP              | 11,664  | 81    | 48 | C    | JH1RRP                | 3       | 1     | 1  | 15   |
| JQ1TIV              | 10,914  | 108   | 34 | C    | JA1KEV                | 2,331   | 38    | 21 | 20   |
| JH3GCN              | 8,775   | 75    | 39 | C    | JH0EPI                | 1,989   | 40    | 17 | 20   |
| JA3FRI              | 6,696   | 74    | 31 | C    | JA7LLL                | 1,440   | 31    | 16 | 20   |
| JA1IZZ              | 6,660   | 61    | 37 | C    | JA2MOG                | 252     | 12    | 7  | 20   |
| JA3LEZ              | 5,775   | 78    | 25 | C    | JE1GZB                | 120     | 8     | 5  | 20   |
| JP3WJW              | 4,134   | 56    | 26 | C    | 7N2JZT                | 45      | 5     | 3  | 20   |
| JA1JYS              | 3,225   | 43    | 25 | C    | JJ0LYY                | 27      | 3     | 3  | 20   |
| JG3LGD              | 3,000   | 42    | 25 | C    | JA8NFV                | 3,648   | 64    | 19 | A 40 |
| JA2AYH              | 1,500   | 25    | 20 | C    | JA2GTW                | 1,920   | 41    | 16 | 40   |
| JE6HUR              | 1,428   | 34    | 14 | C    | JF2OHQ                | 384     | 16    | 8  | 40   |
| JE7SOG              | 507     | 13    | 13 | C    | JA7SSP                | 360     | 15    | 8  | 40   |
| JA7OWD              | 73,710  | 637   | 39 | 10   | JG3DIX                | 336     | 15    | 8  | 40   |
| JA7BEW              | 1,908   | 53    | 12 | 10   | JH1RDU                | 273     | 13    | 7  | 40   |
| 7N2UQC              | 1,872   | 50    | 13 | 10   | JJ5GSY                | 198     | 12    | 6  | 40   |
| JH6WHN              | 399     | 19    | 7  | 10   | JI1UCL                | 180     | 11    | 6  | 40   |
| JI3CJO              | 150     | 10    | 5  | 10   | JR4PDP                | 180     | 10    | 6  | 40   |
| JH4EMK              | 36      | 6     | 2  | C 10 | JF2FIU                | 108     | 10    | 4  | 40   |
| JR1CBC              | 227,136 | 1,468 | 52 | 15   | JI2IXA                | 45      | 5     | 3  | 40   |
| JN1NDY              | 147,750 | 1,003 | 50 | 15   | JL6LTB                | 3       | 1     | 1  | 40   |
| JR8VSE              | 137,400 | 933   | 50 | 15   | JE1SPY                | 858     | 26    | 11 | 80   |
| JI1LET              | 129,324 | 837   | 52 | 15   |                       |         |       |    |      |
| JA6ZPR (JH6JSR, op) |         |       |    |      | <b>Lebanon</b>        |         |       |    |      |
|                     | 124,338 | 797   | 53 | 15   | OD5O (OD5NJ, op)      |         |       |    |      |
| JA1BPA              | 77,763  | 536   | 49 | 15   |                       | 17,136  | 112   | 51 | C    |
| 7K4XNN              | 76,464  | 538   | 48 | 15   | <b>Turkey</b>         |         |       |    |      |
| JG1AVO              | 70,413  | 485   | 49 | 15   | TA3TTT                | 34,338  | 204   | 59 | B    |
| JR2IOB              | 65,706  | 472   | 47 | 15   | TA1HZ/2               | 9,990   | 76    | 45 | B    |
| JH9URT              | 62,622  | 432   | 49 | 15   | TA7EB                 | 144     | 8     | 6  | 20   |
| JH7RTQ              | 53,280  | 374   | 48 | 15   | <b>Asiatic Russia</b> |         |       |    |      |
| JA8ECS              | 47,790  | 359   | 45 | 15   | RA0AM                 | 43,416  | 282   | 54 | B    |
| JH0JDV              | 23,976  | 219   | 37 | 15   | UA0CNX                | 18,090  | 134   | 45 | B    |
| JR1HUA              | 19,065  | 209   | 31 | 15   | UA0C                  | 990     | 24    | 15 | B    |
| JR4GPA              | 14,490  | 161   | 30 | 15   | UA8WAA                | 60      | 5     | 4  | B    |
| JA1WWO              | 14,208  | 134   | 37 | 15   | RC9O                  | 333,060 | 1,232 | 91 | C    |
| JA9CCG              | 9,180   | 91    | 34 | 15   | UA0IDZ                | 175,956 | 687   | 86 | C    |
| JF3VAX              | 4,140   | 62    | 23 | 15   | RL9I                  | 23,760  | 165   | 48 | C    |
| JM3QIS              | 3,384   | 48    | 24 | 15   | R0AA                  | 11,979  | 123   | 33 | C    |
| JJ3JHP              | 2,772   | 43    | 22 | 15   | RF9C (RV9CBW, op)     |         |       |    |      |
| JA3KDJ              | 2,256   | 48    | 16 | 15   |                       | 144     | 8     | 6  | C    |
| JA6EFT              | 2,142   | 42    | 17 | B 15 | UA0CA                 | 92,778  | 665   | 47 | 15   |
| JE4JPQ              | 1,980   | 35    | 20 | 15   | RK9QWM (RW9QU, op)    |         |       |    |      |
| JA0VTK              | 1,872   | 49    | 13 | 15   |                       | 50,388  | 330   | 52 | 20   |
| 7K4VPV              | 1,872   | 39    | 16 | 15   | UA9YK                 | 10,374  | 91    | 38 | 20   |
| JA1XY               | 1,782   | 33    | 18 | 15   | RU9HZ                 | 8,277   | 104   | 31 | 20   |
| JF2CTY              | 1,755   | 40    | 15 | 15   | RK9UUU                | 5,490   | 61    | 30 | 20   |
| JF1PYJ              | 1,734   | 34    | 17 | 15   | RX9CAZ                | 5,382   | 71    | 26 | 20   |
| JH7KTI              | 1,620   | 30    | 18 | C 15 | RA9AN                 | 5,265   | 66    | 27 | 20   |
| JA1JLP              | 1,575   | 35    | 15 | B 15 | RT0Q                  | 3,975   | 54    | 25 | 20   |
| JA3PYH              | 1,479   | 30    | 17 | 15   | RV9UP                 | 3,150   | 42    | 25 | 20   |
| JA3BBG              | 1,350   | 33    | 15 | 15   | UA9YF                 | 2,508   | 44    | 19 | 20   |
| JA3NOJ              | 1,170   | 30    | 13 | 15   | UA9JDP                | 1,470   | 36    | 14 | 20   |
| JI1LAI              | 1,122   | 22    | 17 | 15   | UA0W                  | 1,152   | 25    | 16 | 20   |
| JP7CFP              | 630     | 21    | 10 | 15   | R9OAZ                 | 756     | 19    | 14 | 20   |
| JG1UKW              | 624     | 17    | 13 | 15   |                       |         |       |    |      |

|                             |           |       |     |    |                           |           |       |     |    |
|-----------------------------|-----------|-------|-----|----|---------------------------|-----------|-------|-----|----|
| UA0SR                       | 594       | 18    | 11  | 20 | DK1LRS                    | 216       | 9     | 8   | B  |
| RX9CCJ                      | 360       | 12    | 10  | 20 | DL1ARD                    | 108       | 6     | 6   | B  |
| RX9JD                       | 264       | 11    | 8   | 20 | DL1QQ                     | 2,614,248 | 3,553 | 247 | C  |
| RW0CV                       | 198       | 11    | 6   | 20 | DL5AXX                    | 408,123   | 1,002 | 137 | C  |
| RA0AY                       | 144       | 8     | 6   | 20 | DL2DX                     | 321,300   | 905   | 119 | C  |
| RA9JBA                      | 36        | 4     | 3   | 20 | DF7ZS                     | 249,570   | 605   | 141 | C  |
| RW0BG                       | 252       | 12    | 7   | 40 | DL5ZBA                    | 108,819   | 354   | 107 | C  |
| <b>Kazakhstan</b>           |           |       |     |    | DM5TI                     | 97,614    | 381   | 87  | C  |
| UN7QF                       | 11,448    | 110   | 36  | 20 | DL1WM                     | 53,199    | 261   | 69  | C  |
| UN8GV                       | 9,108     | 93    | 33  | 20 | DK4WA                     | 46,872    | 222   | 72  | C  |
| UN6P                        | 264       | 12    | 8   | 20 | DK1NO                     | 43,470    | 208   | 70  | C  |
| <b>Hong Kong</b>            |           |       |     |    | DC1JAG                    | 39,405    | 186   | 71  | C  |
| VR2EH                       | 6,900     | 104   | 23  | C  | DJ8LX                     | 34,440    | 172   | 70  | C  |
| VR2XMT                      | 2,520     | 86    | 10  | 10 | DK7FP                     | 26,331    | 133   | 67  | C  |
| VR2ZQZ                      | 375       | 25    | 5   | 10 | DJ4DN                     | 24,603    | 140   | 59  | C  |
| <b>India</b>                |           |       |     |    | DF2MM                     | 24,300    | 139   | 60  | C  |
| VU3DJQ                      | 561       | 17    | 11  | 20 | DL2A (DK1AX, op)          | 21,204    | 127   | 57  | C  |
| <b>Europe</b>               |           |       |     |    | DF4PD                     | 18,360    | 104   | 60  | C  |
| <b>Croatia</b>              |           |       |     |    | DL1TPY                    | 15,984    | 114   | 48  | C  |
| 9A7V                        | 120,750   | 807   | 50  | 15 | DL6KAC                    | 12,960    | 110   | 40  | C  |
| 9A3B (9A1AA, op)            | 74,184    | 570   | 44  | 15 | DL7CK                     | 12,360    | 110   | 40  | C  |
| 9A55AX                      | 25,704    | 256   | 34  | 15 | DL6DCD                    | 12,120    | 102   | 40  | C  |
| <b>Portugal</b>             |           |       |     |    | DL1JGG                    | 5,280     | 61    | 32  | C  |
| CT2KCG                      | 5,460     | 52    | 35  | A  | DF6WE                     | 3,888     | 50    | 27  | C  |
| CT1EGF                      | 111,948   | 498   | 76  | B  | DJ4MM                     | 3,024     | 36    | 28  | C  |
| CT2GSN                      | 52,890    | 223   | 82  | B  | DM3FF                     | 1,767     | 32    | 19  | C  |
| CT1DZY                      | 29,160    | 166   | 60  | B  | DK1FW                     | 288       | 12    | 8   | C  |
| CT2IWW                      | 24,480    | 124   | 68  | B  | DH8BQA                    | 759       | 23    | 11  | 10 |
| CT1IQI                      | 5,301     | 57    | 31  | B  | DJ2HD                     | 245,385   | 1,447 | 57  | 15 |
| CS7ABE                      | 12        | 2     | 2   | B  | DM3HZN                    | 8,550     | 95    | 30  | 15 |
| CR6K (CT1ILT, op)           | 5,119,821 | 5,563 | 309 | C  | DL3ARK                    | 5,184     | 65    | 27  | 15 |
| CT4GO                       | 702       | 19    | 13  | C  | DO1HGS                    | 5,025     | 68    | 25  | 15 |
| CT2IOV                      | 9,765     | 94    | 35  | 15 | DL4WA                     | 3,726     | 55    | 23  | 15 |
| CT2KFA                      | 12,210    | 112   | 37  | 20 | DL5NEN                    | 3,600     | 52    | 24  | 15 |
| CT1DSV                      | 2,109     | 37    | 19  | 40 | DO2WHK                    | 1,824     | 33    | 19  | 15 |
| CT1AOZ                      | 900       | 26    | 12  | 80 | DL1DF                     | 756       | 18    | 14  | 15 |
| <b>Azores</b>               |           |       |     |    | DH2PAF                    | 663       | 17    | 13  | 15 |
| CR2T (CU2AF, op)            | 56,745    | 498   | 39  | 10 | DO6PS                     | 3         | 1     | 1   | 15 |
| <b>Fed. Rep. of Germany</b> |           |       |     |    | DL0WW                     | 250,527   | 1,384 | 61  | 20 |
| DL8LR                       | 14,964    | 118   | 43  | A  | DL0LK (DL8HCO, op)        | 8,730     | 98    | 30  | 20 |
| DL1DXA                      | 76,176    | 277   | 92  | B  | DL9LM                     | 5,103     | 66    | 27  | 20 |
| DF5BM                       | 50,640    | 213   | 80  | B  | DL1SBF                    | 3,726     | 54    | 23  | 20 |
| DF7EF                       | 49,644    | 200   | 84  | B  | DL0SM                     | 2,898     | 48    | 21  | 20 |
| DJ6OZ                       | 40,515    | 186   | 73  | B  | DL1DTL                    | 612       | 19    | 12  | 20 |
| DL7DZ                       | 40,365    | 202   | 69  | B  | DL9GFB                    | 561       | 18    | 11  | 20 |
| DL1KUR                      | 23,790    | 131   | 61  | B  | DF9GH                     | 147       | 7     | 7   | 20 |
| DF8XC                       | 16,692    | 108   | 52  | B  | DL5HF                     | 84        | 9     | 4   | 20 |
| DF6RI                       | 13,728    | 106   | 44  | B  | DD1MAT                    | 9,720     | 125   | 27  | 40 |
| DK6NF                       | 10,080    | 81    | 42  | B  | <b>Bosnia-Herzegovina</b> |           |       |     |    |
| DK8NI                       | 6,327     | 57    | 37  | B  | E77TA                     | 546       | 14    | 13  | A  |
| DK1VFA                      | 5,088     | 54    | 32  | B  | E7DX (E77DX, op)          | 2,584,902 | 3,726 | 233 | C  |
| DL1NKS                      | 4,692     | 47    | 34  | B  | E78DX                     | 4,374     | 54    | 27  | C  |
| DL2DQL                      | 4,536     | 58    | 27  | B  | E71A                      | 7,200     | 102   | 24  | 10 |
| DL5ALW                      | 3,276     | 42    | 26  | B  | E74AA                     | 35,100    | 330   | 36  | 15 |
| DB1VQ                       | 1,710     | 32    | 19  | B  | E71AR                     | 14,400    | 160   | 32  | 20 |
| DL9HB                       | 1,056     | 24    | 16  | B  | E73ESP                    | 5,742     | 68    | 29  | 20 |
| DL2QT                       | 504       | 14    | 12  | B  | E73MJ                     | 168       | 9     | 8   | 40 |
| DJ4PK                       | 432       | 16    | 9   | B  | <b>Spain</b>              |           |       |     |    |
| DK9LB                       | 240       | 10    | 8   | B  | EA1GT                     | 6,231     | 67    | 31  | A  |
|                             |           |       |     |    | EA3FF                     | 1,512     | 29    | 18  | A  |
|                             |           |       |     |    | EA2LMI                    | 162,840   | 502   | 118 | B  |
|                             |           |       |     |    | EA7IZJ                    | 132,012   | 596   | 76  | B  |
|                             |           |       |     |    | EA1CBX                    | 108,381   | 405   | 91  | B  |

|                         |           |       |     |    |
|-------------------------|-----------|-------|-----|----|
| EA1BP                   | 93,933    | 659   | 49  | B  |
| EA2MH                   | 50,652    | 205   | 84  | B  |
| EB2RA                   | 48,636    | 199   | 84  | B  |
| EA4DB                   | 40,446    | 215   | 63  | B  |
| EC7DZZ                  | 17,061    | 127   | 47  | B  |
| EB5CS                   | 9,594     | 86    | 39  | B  |
| EA2BVV                  | 8,778     | 79    | 38  | B  |
| ED1W (EC1CSV, op)       | 7,371     | 64    | 39  | B  |
| EA7GWA                  | 7,200     | 64    | 40  | B  |
| EA3NA                   | 5,115     | 56    | 31  | B  |
| EA1TI                   | 5,100     | 51    | 34  | B  |
| EA4GHB                  | 4,437     | 52    | 29  | B  |
| EA3GEO                  | 2,340     | 41    | 20  | B  |
| EA4EMC                  | 2,001     | 31    | 23  | B  |
| EA7HYL                  | 1,980     | 35    | 20  | B  |
| EA3HIG                  | 1,800     | 30    | 20  | B  |
| EA5HKA                  | 1,620     | 31    | 20  | B  |
| EE7J (EA7FTZ, op)       | 756       | 21    | 12  | B  |
| EA5ET                   | 684       | 19    | 12  | B  |
| EA3AYQ                  | 330       | 12    | 10  | B  |
| EA5DFV                  | 1,586,931 | 2,535 | 211 | C  |
| EA4EER                  | 389,583   | 933   | 141 | C  |
| EB7CIN                  | 34,398    | 185   | 63  | C  |
| EA2QU                   | 28,140    | 140   | 67  | C  |
| EA5CIU                  | 10,062    | 81    | 43  | C  |
| EC5CR                   | 4,860     | 55    | 30  | C  |
| EA7IBK                  | 720       | 16    | 15  | C  |
| ED5T (EA5KV, op)        | 35,526    | 388   | 31  | 10 |
| EA4EUI                  | 3,906     | 64    | 21  | 10 |
| EA1HCW                  | 2,142     | 51    | 14  | 10 |
| EA5HJO                  | 1,248     | 34    | 13  | 10 |
| EF7X (EA7KW, op)        | 244,968   | 1,401 | 59  | 15 |
| EC7ZK                   | 167,910   | 980   | 58  | 15 |
| EA7ISH                  | 145,521   | 867   | 57  | 15 |
| EA3KU                   | 76,140    | 555   | 47  | 15 |
| EA5GS                   | 53,820    | 399   | 46  | 15 |
| ED1C (EA1AJV, op)       | 39,168    | 278   | 48  | 15 |
| EE1Y (EA1YB, op)        | 34,425    | 260   | 45  | 15 |
| EA1JJ                   | 26,220    | 199   | 46  | 15 |
| EA3KT                   | 12,960    | 133   | 36  | 15 |
| EA7HMD                  | 7,470     | 84    | 30  | 15 |
| EA1GGJ                  | 4,200     | 56    | 25  | 15 |
| EA3CEC                  | 2,337     | 41    | 19  | 15 |
| EF3AB                   | 1,458     | 28    | 18  | 15 |
| ED5K (EA5FHK, op)       | 14,760    | 121   | 41  | 20 |
| EA1YG                   | 5,589     | 86    | 23  | 20 |
| EA1ASG                  | 4,992     | 65    | 26  | 20 |
| EA7WV                   | 429       | 15    | 11  | 20 |
| ED3B (EA3BOX, op)       | 98,784    | 686   | 49  | 40 |
| EA7RM                   | 36,828    | 287   | 44  | 40 |
| EA5HSI                  | 14,310    | 161   | 30  | 40 |
| EA3PW                   | 6,969     | 103   | 23  | 40 |
| EA7JIY                  | 648       | 18    | 12  | 40 |
| EA3FHP                  | 3         | 1     | 1   | 40 |
| EA7EU                   | 32,760    | 287   | 39  | 80 |
| EA1AAW                  | 1,920     | 40    | 16  | 80 |
| <b>Balearic Islands</b> |           |       |     |    |
| EA6AZ                   | 217,251   | 732   | 101 | B  |

## Ireland

|                  |         |       |    |    |
|------------------|---------|-------|----|----|
| EI7CC            | 13,800  | 100   | 46 | B  |
| EI4DW            | 2,622   | 38    | 23 | C  |
| EI7M (EI8IR, op) | 348,480 | 1,954 | 60 | 15 |
| EI3CTB           | 480     | 16    | 10 | 15 |
| EI9KC            | 243     | 9     | 9  | 15 |
| EI8GS            | 32,376  | 287   | 38 | 40 |

## Moldova

|       |        |    |    |    |
|-------|--------|----|----|----|
| ER4LX | 13,377 | 95 | 49 | B  |
| ER3ZZ | 396    | 14 | 11 | B  |
| ER1CS | 1,620  | 30 | 18 | 20 |
| ER3AU | 48     | 4  | 4  | 20 |

## Estonia

|        |       |    |    |    |
|--------|-------|----|----|----|
| ES2IPA | 1,512 | 24 | 21 | C  |
| ES8SX  | 3     | 1  | 1  | 40 |

## Belarus

|       |         |     |     |     |
|-------|---------|-----|-----|-----|
| EU3NA | 1,134   | 21  | 18  | A   |
| EU2MM | 2,142   | 34  | 21  | B   |
| EW2A  | 161,700 | 550 | 100 | C   |
| EW8DD | 5,310   | 59  | 30  | C   |
| EW8OW | 1,980   | 34  | 20  | 20  |
| EW6GF | 1,824   | 32  | 19  | 20  |
| EU6AF | 660     | 20  | 11  | 20  |
| EW2EO | 12      | 2   | 2   | 20  |
| EU1A  | 18,909  | 192 | 33  | 40  |
| EU3AR | 12      | 2   | 2   | 160 |
| EU2EU | 3       | 1   | 1   | 160 |

## France

|                   |           |       |     |    |
|-------------------|-----------|-------|-----|----|
| F5BEG             | 88,452    | 274   | 108 | A  |
| F6DRP             | 97,110    | 437   | 78  | B  |
| F5LIW             | 47,025    | 210   | 75  | B  |
| F1FPL             | 34,680    | 173   | 68  | B  |
| F4FEP             | 30,051    | 161   | 63  | B  |
| F5JU              | 29,394    | 142   | 69  | B  |
| F6EWX             | 29,376    | 145   | 68  | B  |
| F5PAL             | 19,080    | 120   | 53  | B  |
| F8VNU             | 17,748    | 118   | 51  | B  |
| F4CRE             | 14,847    | 105   | 49  | B  |
| F5CT              | 13,104    | 85    | 52  | B  |
| F4GLQ             | 7,548     | 70    | 37  | B  |
| F6KRK (F4GOT, op) | 1,539     | 27    | 19  | B  |
| F4GTD             | 1,296     | 27    | 16  | B  |
| F5MA              | 1,008     | 21    | 16  | B  |
| F4RST             | 663       | 18    | 13  | B  |
| TMØT              | 2,618,805 | 3,647 | 245 | C  |
| F6DZU             | 443,304   | 1,063 | 141 | C  |
| F6BZQ             | 70,470    | 293   | 81  | C  |
| F6GPT             | 36,108    | 207   | 59  | C  |
| F8CRS             | 29,808    | 142   | 72  | C  |
| F5VML             | 8,856     | 75    | 41  | C  |
| F6CZV             | 1,512     | 24    | 21  | C  |
| TM2K (F1UVN, op)  | 8,970     | 120   | 26  | 10 |
| F1UJS             | 2,295     | 52    | 15  | 10 |
| F6KHM (F8DBF, op) | 450,729   | 2,470 | 61  | 15 |
| TM1W (F5HRY, op)  | 450,180   | 2,511 | 60  | 15 |
| TM7F (F6GLH, op)  | 306,033   | 1,736 | 59  | 15 |
| F8ARK             | 233,508   | 1,363 | 58  | 15 |
| F5NBX             | 69,264    | 487   | 48  | 15 |
| F8EZE             | 32,526    | 283   | 39  | 15 |

|                         |         |       |     |     |                    |           |       |     |    |
|-------------------------|---------|-------|-----|-----|--------------------|-----------|-------|-----|----|
| F5OWT                   | 23,865  | 217   | 37  | 15  | HA4XH              | 49,104    | 376   | 44  | 15 |
| TM6M (F1AKK, op)        |         |       |     |     | HA5KQ              | 897       | 24    | 13  | 20 |
|                         | 505,263 | 2,772 | 61  | 20  | HA8TP              | 864       | 24    | 12  | 20 |
| F4GOJ                   | 828     | 23    | 12  | 20  | <b>Switzerland</b> |           |       |     |    |
| F4GFT                   | 3       | 1     | 1   | 20  | HB9CNY             | 29,502    | 151   | 66  | B  |
| TM9R                    | 269,820 | 1,510 | 60  | 40  | HB9RJG             | 1,080     | 24    | 18  | B  |
| F5VHN                   | 126     | 7     | 6   | 80  | HB9XJ              | 86,856    | 310   | 94  | C  |
| <b>England</b>          |         |       |     |     | HB9DVH             | 25,155    | 129   | 65  | C  |
| G3R (GØDCK, op)         |         |       |     |     | HB9ELV             | 23,058    | 126   | 61  | C  |
|                         | 56,133  | 235   | 81  | B   | HB9TSA             | 5,376     | 64    | 28  | 20 |
| MØMCV                   | 23,256  | 137   | 57  | B   | HB9LCW             | 7,560     | 92    | 28  | 40 |
| G4DFI                   | 13,677  | 101   | 47  | B   | <b>Italy</b>       |           |       |     |    |
| GØTAN                   | 10,920  | 92    | 40  | B   | IV3AOL             | 28,539    | 155   | 63  | A  |
| 2EØKLO                  | 6,264   | 73    | 29  | B   | IK1BBC             | 14,553    | 101   | 49  | A  |
| MØTQR                   | 4,200   | 50    | 28  | B   | IK1BPL             | 10,800    | 83    | 45  | A  |
| GØMRH                   | 2,205   | 36    | 21  | B   | IWØHBY             | 3,036     | 47    | 23  | A  |
| G4JFS                   | 1,764   | 28    | 21  | B   | I5KAP              | 1,920     | 32    | 20  | A  |
| G8ZRE                   | 1,275   | 25    | 17  | B   | IZ3NVR             | 1,683     | 33    | 17  | A  |
| G3RSD                   | 450     | 15    | 10  | B   | IZ8JFL             | 1,092     | 26    | 14  | A  |
| G7GCI                   | 126     | 7     | 6   | B   | IK3OII             | 108       | 6     | 6   | A  |
| M6TOK                   | 60      | 10    | 2   | B   | IO2Z (IK2DZN, op)  |           |       |     |    |
| G3SVD                   | 303,318 | 750   | 137 | C   |                    | 117,165   | 370   | 107 | B  |
| G3LUW                   | 53,730  | 208   | 90  | C   | IV3BCA             | 53,760    | 227   | 80  | B  |
| GØVXE                   | 43,365  | 253   | 59  | C   | IZ1RGL             | 15,288    | 92    | 56  | B  |
| G4FAL                   | 22,140  | 125   | 60  | C   | IZ3HER             | 14,061    | 111   | 43  | B  |
| G4PKP                   | 270     | 11    | 10  | C   | IZ2SMQ             | 13,992    | 110   | 44  | B  |
| GØTSM                   | 10,368  | 144   | 24  | 10  | IW2FLB             | 13,038    | 84    | 53  | B  |
| M7X (GØTSM, op)         |         |       |     |     | IW2EKP             | 8,316     | 67    | 44  | B  |
|                         | 10,080  | 141   | 24  | 10  | IZ1KGY             | 7,638     | 68    | 38  | B  |
| M2A (G3ORY, op)         |         |       |     |     | IK2LFD             | 6,912     | 66    | 36  | B  |
|                         | 115,542 | 791   | 49  | 15  | IK5RUN             | 6,327     | 57    | 37  | B  |
| G3XTT                   | 85,995  | 641   | 45  | 15  | IZ5ILK             | 6,195     | 59    | 35  | B  |
| GØMTN                   | 19,800  | 200   | 33  | 15  | IN3ADW             | 5,850     | 65    | 30  | B  |
| G4IUF                   | 17,535  | 170   | 35  | 15  | IZ5EKX             | 5,202     | 52    | 34  | B  |
| GØRRM                   | 5,124   | 66    | 28  | 15  | I2RNJ              | 4,488     | 45    | 34  | B  |
| GØFPU                   | 75      | 5     | 5   | 15  | IK4IDP             | 4,455     | 57    | 27  | B  |
| G4NXG                   | 1,890   | 35    | 18  | 40  | IZ5MMK             | 2,337     | 42    | 19  | B  |
| GØVOK                   | 408     | 18    | 8   | 40  | IZØCCD             | 2,088     | 31    | 24  | B  |
| G4IYY                   | 1,485   | 33    | 15  | 80  | IZ8LIP             | 1,428     | 28    | 17  | B  |
| <b>Northern Ireland</b> |         |       |     |     | IZ8GBT             | 1,173     | 23    | 17  | B  |
| MIØM (MIØSAI, op)       |         |       |     |     | IZ2LQD             | 1,035     | 23    | 15  | B  |
|                         | 26,670  | 260   | 35  | 15  | IK4VET             | 918       | 18    | 17  | B  |
| <b>Scotland</b>         |         |       |     |     | IZØIRH             | 594       | 18    | 11  | B  |
| GMØBKC                  | 4,872   | 57    | 29  | A   | IW2NXI             | 576       | 48    | 4   | B  |
| MMØLBX                  | 17,649  | 113   | 53  | B   | IW3RPS             | 390       | 13    | 10  | B  |
| MMØSVK                  | 3,564   | 46    | 27  | B   | IZØTHT             | 330       | 12    | 10  | B  |
| GMØTTY                  | 3,483   | 43    | 27  | B   | IW6PLY             | 330       | 11    | 10  | B  |
| GM4UYZ                  | 300     | 13    | 10  | B   | IZ8FTW             | 90        | 6     | 6   | B  |
| GMØOQV                  | 105,588 | 422   | 84  | C   | IR4M (IK4MGP, op)  |           |       |     |    |
| MMØGPZ                  | 17,820  | 110   | 54  | C   |                    | 2,486,322 | 3,395 | 246 | C  |
| GM3W (MMØWNW, op)       |         |       |     |     | II9T (IT9GSF, op)  |           |       |     |    |
|                         | 198,360 | 1,155 | 58  | 15  |                    | 2,333,817 | 3,066 | 257 | C  |
| MMØGYX                  | 315     | 15    | 7   | 20  | IK6SNR             | 440,628   | 1,018 | 146 | C  |
| GM3PPG (G4BYB, op)      |         |       |     |     | IR1A (IK1GPG, op)  |           |       |     |    |
|                         | 79,110  | 588   | 45  | 80  |                    | 295,125   | 795   | 125 | C  |
| <b>Wales</b>            |         |       |     |     | IK6LBV             | 167,400   | 608   | 93  | C  |
| GW4BLE                  | 18,396  | 223   | 28  | 10  | IZ3SQW             | 114,390   | 410   | 93  | C  |
| GW4EVX                  | 5,625   | 77    | 25  | 15  | IK4DCX             | 113,481   | 481   | 81  | C  |
| GWØGEI                  | 432     | 16    | 9   | 160 | I4XNN              | 61,965    | 243   | 85  | C  |
| <b>Hungary</b>          |         |       |     |     | IWØGTA             | 39,900    | 190   | 70  | C  |
| HA7PO                   | 110,466 | 365   | 102 | C   | IZ8IEV             | 30,525    | 200   | 55  | C  |
| HA5JI                   | 118,500 | 800   | 50  | 15  | IT9JOF             | 23,616    | 125   | 64  | C  |
| HGØR (HAØNAR, op)       |         |       |     |     | I4AUM              | 19,824    | 119   | 56  | C  |
|                         | 60,489  | 434   | 47  | 15  | IW1FGY             | 10,653    | 73    | 53  | C  |
|                         |         |       |     |     | IV3BXV             | 9,120     | 79    | 40  | C  |
|                         |         |       |     |     | IK2MPR             | 8,856     | 76    | 41  | C  |

|                   |           |       |     |    |
|-------------------|-----------|-------|-----|----|
| IK2GWH            | 8,580     | 66    | 44  | C  |
| IV3CTS            | 6,624     | 71    | 32  | C  |
| IZ2SNI            | 6,336     | 66    | 32  | C  |
| IZ5RKC            | 4,554     | 46    | 33  | C  |
| IZ3GNG            | 4,488     | 44    | 34  | C  |
| IK6GPZ            | 2,964     | 38    | 26  | C  |
| IK2RGT            | 1,305     | 29    | 15  | C  |
| IZ6RWD            | 612       | 17    | 12  | C  |
| IZ5NSH            | 216       | 9     | 8   | C  |
| IK3PQG            | 168       | 9     | 7   | C  |
| IU9A              | 11,520    | 161   | 24  | 10 |
| IZ3DVU            | 6         | 2     | 1   | 10 |
| IW2HAJ            | 173,085   | 1,054 | 55  | 15 |
| IR4C (IZ4NIC, op) |           |       |     |    |
|                   | 132,756   | 865   | 52  | 15 |
| IZ8GCE            | 132,516   | 822   | 54  | 15 |
| IT9RGY            | 122,010   | 834   | 49  | 15 |
| IZ4AFW            | 108,888   | 702   | 52  | 15 |
| IT9XTP            | 100,980   | 665   | 51  | 15 |
| IT9YVO            | 56,160    | 402   | 48  | 15 |
| I7CSB             | 27,183    | 225   | 41  | 15 |
| IW0HLZ            | 23,088    | 211   | 37  | 15 |
| I1NVU             | 8,160     | 85    | 32  | 15 |
| I3JKI             | 7,644     | 92    | 28  | 15 |
| I4VIL             | 5,175     | 70    | 25  | 15 |
| IK5YJK            | 3,795     | 56    | 23  | 15 |
| IZ1MHY            | 2,706     | 43    | 22  | 15 |
| IK2SAU            | 2,508     | 41    | 22  | 15 |
| IW2BZY            | 1,881     | 33    | 19  | 15 |
| IK2AOO            | 1,620     | 31    | 18  | 15 |
| IZ5UGM            | 390       | 14    | 10  | 15 |
| IR5X (IZ5MMB, op) |           |       |     |    |
|                   | 102,129   | 583   | 59  | 20 |
| IR2L (IW2LLH, op) |           |       |     |    |
|                   | 33,210    | 258   | 45  | 20 |
| IZ0PSC            | 14,022    | 115   | 41  | 20 |
| IZ2JQP            | 4,524     | 60    | 26  | 20 |
| IZ8EFD            | 2,970     | 45    | 22  | 20 |
| IT9LED            | 1,920     | 33    | 20  | 20 |
| IN3HUU            | 1,488     | 32    | 16  | 20 |
| IZ3QHA            | 1,392     | 29    | 16  | 20 |
| I3QKO             | 1,248     | 26    | 16  | 20 |
| IW3BTR            | 324       | 12    | 9   | 20 |
| IO6A              | 131,904   | 943   | 48  | 40 |
| IR2C (HB9DUR, op) |           |       |     |    |
|                   | 113,886   | 707   | 54  | 40 |
| I12E (IK2NCJ, op) |           |       |     |    |
|                   | 72,144    | 502   | 48  | 40 |
| IR2R (IZ2EWR, op) |           |       |     |    |
|                   | 66,555    | 500   | 45  | 40 |
| IR8C              | 65,412    | 484   | 46  | 40 |
| IT9SFT            | 2,451     | 44    | 19  | 40 |
| IZ4DYQ            | 2,064     | 43    | 16  | 40 |
| <b>Norway</b>     |           |       |     |    |
| LA5LJA            | 7,752     | 68    | 38  | B  |
| LA2HFA            | 1,425     | 26    | 19  | B  |
| LA2NTA            | 75        | 5     | 5   | B  |
| LA7TN             | 48        | 4     | 4   | B  |
| LA8HGA            | 96,432    | 397   | 82  | C  |
| LA5FHA            | 23,040    | 163   | 48  | C  |
| LB9RE             | 15,912    | 105   | 51  | C  |
| <b>Luxembourg</b> |           |       |     |    |
| LX7I (LX2A, op)   |           |       |     |    |
|                   | 3,521,700 | 4,573 | 258 | C  |

## Lithuania

|        |         |     |    |    |
|--------|---------|-----|----|----|
| LY7Z   | 1,512   | 28  | 18 | A  |
| LY2BVB | 11,115  | 95  | 39 | B  |
| LY2HQ  | 1,080   | 21  | 18 | B  |
| LY1NDN | 300     | 10  | 10 | B  |
| LY1FW  | 17,622  | 184 | 33 | 15 |
| LY2N   | 780     | 20  | 13 | 15 |
| LY5W   | 127,542 | 743 | 58 | 20 |
| LY2SA  | 288     | 12  | 8  | 80 |

## Bulgaria

|                  |         |     |    |    |
|------------------|---------|-----|----|----|
| LZ8E (LZ2BE, op) |         |     |    |    |
|                  | 20,880  | 117 | 60 | B  |
| LZ2XF            | 3,969   | 50  | 27 | B  |
| LZ2SX            | 270     | 10  | 9  | B  |
| LZ2DF            | 15,912  | 103 | 52 | C  |
| LZ2UW            | 9,828   | 120 | 28 | 15 |
| LZ2JA            | 9,000   | 124 | 25 | 15 |
| LZ3SD            | 2,484   | 48  | 18 | 15 |
| LZ5R (LZ1UK, op) |         |     |    |    |
|                  | 174,399 | 958 | 61 | 20 |

## Austria

|        |         |     |    |   |
|--------|---------|-----|----|---|
| OE6HLF | 11,484  | 88  | 44 | B |
| OE9MON | 115,248 | 397 | 98 | C |
| OE6Z   | 79,074  | 387 | 69 | C |
| OE1WWL | 3,828   | 47  | 29 | C |

## Aland Islands

|                  |         |       |    |    |
|------------------|---------|-------|----|----|
| OH0X (OH2TA, op) |         |       |    |    |
|                  | 213,480 | 1,194 | 60 | 20 |

## Finland

|                  |         |     |    |    |
|------------------|---------|-----|----|----|
| OH8L (OH8LQ, op) |         |     |    |    |
|                  | 163,419 | 907 | 61 | 20 |
| OH6NT            | 7,020   | 80  | 30 | 20 |
| OH2KI            | 612     | 17  | 12 | 20 |
| OG3A             | 36      | 4   | 3  | 20 |

## Czech Republic

|                   |         |       |     |    |
|-------------------|---------|-------|-----|----|
| OK2ZI             | 187,083 | 536   | 117 | B  |
| OK2BUT            | 31,824  | 159   | 68  | B  |
| OK1CID            | 30,015  | 147   | 69  | B  |
| OK1CLD            | 27,084  | 149   | 61  | B  |
| OK1KZ             | 5,985   | 57    | 35  | B  |
| OK1BA             | 1,368   | 25    | 19  | B  |
| OK1VHV            | 702     | 20    | 13  | B  |
| OK2PDK            | 18,360  | 123   | 51  | C  |
| OK6W (OK1MU, op)  |         |       |     |    |
|                   | 294     | 14    | 7   | 10 |
| OK1XC             | 19,740  | 197   | 35  | 15 |
| OK6MA             | 3,864   | 56    | 23  | 15 |
| OK1TFH            | 1,620   | 30    | 18  | 15 |
| OK4RQ             | 330     | 11    | 10  | 15 |
| OK3FLY            | 144     | 8     | 6   | 15 |
| OL9Z (OK2PVF, op) |         |       |     |    |
|                   | 214,659 | 1,186 | 61  | 20 |
| OK1SI             | 6,696   | 73    | 31  | 20 |
| OK1FFU            | 230,040 | 1,437 | 54  | 40 |
| OK1UG             | 4,002   | 61    | 23  | 40 |
| OK2MRJ            | 12      | 2     | 2   | 40 |
| OK2BEN            | 210     | 10    | 7   | 80 |

## Slovakia

|       |           |       |     |    |
|-------|-----------|-------|-----|----|
| OM1DK | 38,295    | 186   | 69  | B  |
| OM3GI | 1,844,634 | 2,970 | 209 | C  |
| OM7A  | 72        | 6     | 4   | C  |
| OM5ZW | 120,450   | 810   | 50  | 15 |
| OM4KK | 8,316     | 85    | 33  | 20 |

**Belgium**

|        |         |       |    |    |
|--------|---------|-------|----|----|
| ON5WL  | 7,371   | 64    | 39 | B  |
| ON6AT  | 5,130   | 58    | 30 | B  |
| ON5JD  | 2,592   | 33    | 27 | B  |
| ON3ND  | 1,980   | 30    | 22 | B  |
| OQ4U   | 243,729 | 1,386 | 59 | 15 |
| OR2F   | 75,735  | 461   | 55 | 20 |
| ON9CDD | 684     | 22    | 12 | 20 |

**Faroe Islands**

|      |       |    |    |   |
|------|-------|----|----|---|
| OY9R | 2,346 | 34 | 23 | B |
|------|-------|----|----|---|

**Denmark**

|                 |        |     |    |    |
|-----------------|--------|-----|----|----|
| OZ1ACB          | 17,136 | 117 | 51 | B  |
| OZ4NA           | 6,993  | 63  | 37 | B  |
| OZ1DGQ          | 1,377  | 28  | 17 | B  |
| OZ7EA           | 13,095 | 98  | 45 | C  |
| OZ1OP           | 624    | 19  | 13 | C  |
| OZ3BJ           | 6      | 2   | 1  | 10 |
| 5Q2T (OZØJ, op) | 144    | 8   | 6  | 40 |

**Netherlands**

|                 |        |     |    |    |
|-----------------|--------|-----|----|----|
| PDØHF           | 975    | 25  | 13 | A  |
| PA1PE           | 65,610 | 246 | 90 | B  |
| PG1R            | 18,252 | 119 | 52 | B  |
| PA4HM           | 15,552 | 111 | 48 | B  |
| PF9A            | 14,400 | 101 | 48 | B  |
| PE2JMR          | 8,208  | 73  | 38 | B  |
| PA3J            | 5,040  | 57  | 30 | B  |
| PD1TV           | 4,875  | 66  | 25 | B  |
| PA3DBS          | 4,536  | 60  | 28 | B  |
| PAØRBA          | 2,280  | 40  | 19 | B  |
| PDØNMF          | 1,836  | 37  | 17 | B  |
| PA2CHM          | 1,539  | 28  | 19 | B  |
| PE1RWL          | 1,428  | 29  | 17 | B  |
| PD1ABO          | 1,305  | 30  | 15 | B  |
| PA3ARM          | 1,275  | 25  | 17 | B  |
| PA9HR           | 1,248  | 26  | 16 | B  |
| PA3CMF          | 720    | 25  | 10 | B  |
| PA1VD           | 396    | 13  | 11 | B  |
| PE1NBD          | 168    | 28  | 2  | B  |
| PC2T            | 81,420 | 298 | 92 | C  |
| PAØCYW          | 28,539 | 151 | 63 | C  |
| PF1MO           | 24,624 | 147 | 57 | C  |
| PAØJNH          | 13,260 | 89  | 52 | C  |
| PAØDOM          | 7,638  | 67  | 38 | C  |
| PG2P (N1MM, op) | 2,442  | 37  | 22 | C  |
| PAØMIR          | 8,742  | 95  | 31 | 15 |
| PA2REH          | 1,860  | 32  | 20 | 15 |
| PA3DVA          | 1,440  | 32  | 15 | 15 |
| PDØMGX          | 1,440  | 32  | 15 | 20 |

**Slovenia**

|       |         |       |    |    |
|-------|---------|-------|----|----|
| S5ØA  | 59,724  | 320   | 63 | C  |
| S5ØK  | 212,040 | 1,260 | 57 | 15 |
| S57UN | 70,242  | 518   | 46 | 15 |
| S58MU | 792     | 24    | 11 | 15 |
| S51YI | 193,248 | 1,075 | 61 | 20 |
| S54ZZ | 53,997  | 450   | 41 | 40 |

**Sweden**

|                   |        |     |    |   |
|-------------------|--------|-----|----|---|
| SM6FKF            | 15,984 | 111 | 48 | B |
| SM3EAE            | 7,749  | 63  | 41 | B |
| SE6W (SM6XKB, op) | 7,668  | 72  | 36 | B |
| SI5Y (SM5BKK, op) | 4,611  | 55  | 29 | B |

**SK6QA (SA6AXR, op)**

|                     |         |     |     |    |
|---------------------|---------|-----|-----|----|
| SA3BGM (SA3BRL, op) | 2,520   | 42  | 20  | B  |
| SK6HD (SA6AQP, op)  | 798     | 19  | 14  | B  |
| SA3BGM              | 75      | 5   | 5   | B  |
| SMØT                | 266,793 | 813 | 113 | C  |
| SM7PEV              | 62,601  | 281 | 77  | C  |
| SM7DQV              | 19,551  | 136 | 49  | C  |
| SM4DQE              | 6,039   | 61  | 33  | C  |
| SM5QU               | 5,088   | 53  | 32  | C  |
| SM5J (SM5PHU, op)   | 4,617   | 83  | 19  | 15 |
| SM7ATL              | 4,425   | 62  | 25  | 15 |
| SM6WZH              | 240     | 11  | 8   | 15 |
| SA1A (SM1TDE, op)   | 240     | 10  | 8   | 15 |
| 8SØC (SMØMPV, op)   | 86,697  | 512 | 57  | 20 |
| SB6A                | 61,824  | 377 | 56  | 20 |
| SA3V (SA3ARL, op)   | 5,115   | 55  | 31  | 20 |
| 8SØDX               | 3       | 1   | 1   | 80 |

**Poland**

|                   |           |       |     |    |
|-------------------|-----------|-------|-----|----|
| SP4LVK            | 8,775     | 77    | 39  | A  |
| SP5GRM            | 29,964    | 229   | 44  | B  |
| SP4SHD            | 21,717    | 129   | 57  | B  |
| SN1J (SP1MWF, op) | 18,126    | 116   | 53  | B  |
| SQ2WHH            | 15,390    | 115   | 45  | B  |
| SP8CGU            | 9,000     | 76    | 40  | B  |
| SP1FPG            | 8,760     | 75    | 40  | B  |
| SP1FRC            | 4,557     | 50    | 31  | B  |
| SP4CUF            | 2,706     | 42    | 22  | B  |
| SQ1BHH            | 2,268     | 37    | 21  | B  |
| SQ6NEJ            | 1,782     | 33    | 18  | B  |
| SP5LGN            | 1,296     | 28    | 16  | B  |
| SQ4JEN            | 1,134     | 27    | 14  | B  |
| SP1QXK            | 168       | 9     | 7   | B  |
| HF3A (SP9LJD, op) | 1,365,696 | 2,398 | 192 | C  |
| SO2O (SQ2GXO, op) | 35,412    | 229   | 52  | C  |
| SO4R (SP4JCP, op) | 3,864     | 57    | 23  | C  |
| HF8C (SP8GQU, op) | 53,196    | 410   | 44  | 15 |
| SN3R (SQ3HMM, op) | 41,652    | 358   | 39  | 15 |
| 3Z2X (SP2DWG, op) | 35,802    | 310   | 39  | 15 |
| SP5IT             | 22,890    | 223   | 35  | 15 |
| SP3GXH            | 17,535    | 171   | 35  | 15 |
| SO9D (SP9DLY, op) | 6,972     | 84    | 28  | 15 |
| SP5UD             | 4,464     | 64    | 24  | 15 |
| SQ5STN            | 2,967     | 44    | 23  | 15 |
| SO1D (SP1JPQ, op) | 2,583     | 41    | 21  | 15 |
| SP9BMH            | 2,457     | 41    | 21  | 15 |
| SP9EJH            | 2,322     | 45    | 18  | 15 |
| SP6DVP            | 2,268     | 44    | 18  | 15 |
| SP6OWY            | 1,326     | 26    | 17  | 15 |
| SQ3OGP            | 1,248     | 26    | 16  | 15 |
| SP6GTN            | 966       | 23    | 14  | 15 |
| SP4GHL            | 216       | 12    | 6   | 15 |
| SO4M              | 189,222   | 1,049 | 61  | 20 |
| SP3ASN            | 12,000    | 100   | 40  | 20 |

|                        |         |     |    |     |                     |         |       |     |    |
|------------------------|---------|-----|----|-----|---------------------|---------|-------|-----|----|
| HF8J (SQ8JLA, op)      |         |     |    |     | RU3SD               | 60      | 5     | 4   | 20 |
|                        | 11,322  | 105 | 37 | 20  | R6CW                | 60      | 5     | 4   | 20 |
| SP2GTJ                 | 5,124   | 69  | 28 | 20  | RK4R                | 12      | 2     | 2   | 20 |
| SP3LPG                 | 5,022   | 64  | 27 | 20  | RU1AB               | 27      | 3     | 3   | 80 |
| SP5DRE                 | 819     | 22  | 13 | 20  | <b>Ukraine</b>      |         |       |     |    |
| SP3DRM                 | 12      | 2   | 2  | 20  | UT4XU               | 7,140   | 72    | 34  | B  |
| HF8W (SP8GWI, op)      |         |     |    |     | USØHZ               | 3,198   | 41    | 26  | B  |
|                        | 10,179  | 119 | 29 | 40  | UR5IFX              | 1,710   | 30    | 19  | B  |
| SP5AUY                 | 612     | 17  | 12 | 40  | US7IA               | 1,275   | 25    | 17  | B  |
| SP3GTS                 | 5,772   | 76  | 26 | 80  | UR5WHT              | 90      | 6     | 6   | B  |
| SP5CJY                 | 3       | 1   | 1  | 160 | US5D (UT7DX, op)    |         |       |     |    |
| <b>Greece</b>          |         |     |    |     |                     | 417,573 | 1,111 | 129 | C  |
| SV1MRV                 | 78      | 13  | 2  | B   | UV5U (UX1UA, op)    |         |       |     |    |
| SV2CUU                 | 3       | 1   | 1  | B   |                     | 334,224 | 853   | 132 | C  |
| SV1JSN                 | 498     | 83  | 2  | C   | UW5Q (UR3QCW, op)   |         |       |     |    |
| SV1MNF                 | 72      | 6   | 4  | C   |                     | 137,709 | 432   | 107 | C  |
| SV2YC                  | 1,632   | 33  | 17 | 15  | UU9CW               | 37,800  | 170   | 75  | C  |
| <b>Iceland</b>         |         |     |    |     | UX2KA               | 23,265  | 144   | 55  | C  |
| TF3SG                  | 11,613  | 83  | 49 | C   | UR4LRG              | 36      | 4     | 3   | C  |
| TF1CY                  | 9,348   | 83  | 41 | C   | UU1K (UUØJM, op)    |         |       |     |    |
| TF3AM                  | 3,915   | 45  | 29 | C   |                     | 47,268  | 410   | 39  | 15 |
| TF3CW                  | 89,358  | 574 | 53 | 20  | UXØUW               | 378     | 14    | 9   | 15 |
| <b>Kaliningrad</b>     |         |     |    |     | UR5EFL              | 216     | 9     | 8   | 15 |
| UA2F (UA2FB, op)       |         |     |    |     | UZØU (UY5ZZ, op)    |         |       |     |    |
|                        | 38,688  | 252 | 52 | C   |                     | 76,095  | 451   | 57  | 20 |
| <b>European Russia</b> |         |     |    |     | UT7NY               | 14,391  | 118   | 41  | 20 |
| RX3AU                  | 192     | 9   | 8  | A   | UT7QL               | 13,776  | 116   | 41  | 20 |
| RU3VV                  | 90      | 6   | 5  | A   | UT5C (UX7CQ, op)    |         |       |     |    |
| RU3FM                  | 23,598  | 139 | 57 | B   |                     | 5,940   | 67    | 30  | 20 |
| RU4SO                  | 11,481  | 90  | 43 | B   | UTØLK               | 3,900   | 53    | 26  | 20 |
| RL3ZH                  | 9,702   | 79  | 42 | B   | UT4MW               | 1,479   | 29    | 17  | 20 |
| UA1WBV                 | 6,882   | 64  | 37 | B   | UV5EEO              | 1,305   | 30    | 15  | 20 |
| RU3BA                  | 6,435   | 65  | 33 | B   | UU4JMN              | 429     | 14    | 11  | 20 |
| RN3ZJJ                 | 5,952   | 64  | 31 | B   | UZ7M (UT9MZ, op)    |         |       |     |    |
| RZ3DN                  | 4,851   | 55  | 33 | B   |                     | 9,315   | 121   | 27  | 40 |
| RA3XCZ                 | 972     | 21  | 18 | B   | UU7J (UU1AZ, op)    |         |       |     |    |
| RA3LDX                 | 702     | 18  | 13 | B   |                     | 26,532  | 277   | 33  | 80 |
| UA4FCO                 | 396     | 12  | 11 | B   | UT2II               | 3,876   | 68    | 19  | 80 |
| R7NP                   | 105     | 7   | 5  | B   | <b>Latvia</b>       |         |       |     |    |
| RW1CW                  | 65,070  | 243 | 90 | C   | YL4U                | 409,860 | 1,009 | 138 | C  |
| UA3DPM                 | 34,776  | 164 | 72 | C   | YL2SM               | 7,590   | 117   | 22  | 15 |
| RT3G                   | 14,766  | 109 | 46 | C   | YL2GUV              | 1,080   | 25    | 15  | 15 |
| R6DX                   | 14,628  | 106 | 46 | C   | YL2IP               | 351     | 14    | 9   | 20 |
| UA3AGW                 | 7,110   | 81  | 30 | C   | YL2PP               | 198     | 11    | 6   | 40 |
| RJ4F                   | 3,024   | 42  | 24 | C   | <b>Romania</b>      |         |       |     |    |
| RN3ZC                  | 2,205   | 35  | 21 | C   | YO8WW               | 20,700  | 116   | 60  | B  |
| RA1AL                  | 1,596   | 28  | 19 | C   | YO2MNC              | 11,808  | 90    | 48  | B  |
| RW4NN                  | 216     | 9   | 8  | C   | YO2MLM              | 7,584   | 80    | 32  | B  |
| RA3NC                  | 12      | 2   | 2  | C   | YO4RST              | 6,720   | 65    | 35  | B  |
| RA/KE5JA               | 4,800   | 101 | 16 | 15  | YO8THG              | 4,350   | 51    | 29  | B  |
| RW3AI                  | 27      | 3   | 3  | 15  | YO4US               | 1,620   | 35    | 18  | B  |
| R2SA                   | 12      | 2   | 2  | 15  | YO2MKT              | 1,566   | 30    | 18  | B  |
| RA3DGH                 | 12      | 2   | 2  | 15  | YO8SGN              | 1,404   | 28    | 18  | B  |
| R3LC                   | 3       | 1   | 1  | 15  | YO5KTK (YO5PJF, op) |         |       |     |    |
| RZ1ZZ                  | 145,080 | 826 | 60 | 20  |                     | 1,296   | 25    | 18  | B  |
| R3ZZ                   | 37,584  | 265 | 48 | 20  | YO3CZW              | 529,992 | 1,309 | 136 | C  |
| RV1CC                  | 28,620  | 212 | 45 | 20  | YQ6A (YO6BHN, op)   |         |       |     |    |
| R3KM                   | 21,870  | 166 | 45 | 20  |                     | 65,772  | 264   | 84  | C  |
| RU6YK                  | 7,446   | 74  | 34 | 20  | YO7LCB              | 26,352  | 147   | 61  | C  |
| UA6AIW                 | 1,683   | 34  | 17 | 20  | YO3APJ              | 27,648  | 292   | 32  | 15 |
| R2GM                   | 1,512   | 28  | 18 | 20  | YP5A (YO5AM, op)    |         |       |     |    |
| RV3A                   | 693     | 21  | 11 | 20  |                     | 19,623  | 216   | 31  | 15 |
| R7NA                   | 621     | 25  | 9  | 20  | YO9IKW              | 4,830   | 70    | 23  | 15 |
| RV3IC                  | 546     | 15  | 13 | 20  | YO4SI               | 4,422   | 67    | 22  | 15 |
| RX1CQ                  | 108     | 6   | 6  | 20  | YO2MBU              | 1,887   | 44    | 17  | 15 |

|                     |        |     |    |    |
|---------------------|--------|-----|----|----|
| YO4KAK (YO4GNJ, op) | 480    | 18  | 10 | 15 |
| YO4AAC              | 405    | 16  | 9  | 15 |
| YO2MLG              | 60     | 5   | 4  | 15 |
| YP3A (YO3GOD, op)   | 57,876 | 378 | 53 | 20 |
| YO3VU               | 38,493 | 282 | 47 | 20 |
| YO4BEX              | 432    | 17  | 9  | 20 |
| YO4AUP              | 3      | 1   | 1  | 80 |
| YO4AYL              | 3      | 1   | 1  | 80 |

#### Serbia

|                  |         |     |    |    |
|------------------|---------|-----|----|----|
| YT9A             | 5,184   | 74  | 24 | C  |
| YU7AV            | 86,940  | 633 | 46 | 15 |
| YT7Z (YU7EE, op) | 66,264  | 519 | 44 | 15 |
| YT1A             | 165,249 | 927 | 61 | 20 |
| YU1WS            | 115,758 | 659 | 59 | 20 |
| YU1DW            | 101,616 | 598 | 58 | 20 |

#### Macedonia

|                  |        |     |    |    |
|------------------|--------|-----|----|----|
| Z37M (Z32XU, op) | 16,416 | 172 | 32 | 15 |
| Z36W             | 9,072  | 85  | 36 | 20 |

### North America

#### Barbados

|                   |           |       |     |    |
|-------------------|-----------|-------|-----|----|
| 8P6EX             | 1,118,988 | 1,608 | 234 | B  |
| 8P5A (W2SC, op)   | 9,722,772 | 9,367 | 348 | C  |
| 8P9CI (W1USN, op) | 3,213     | 64    | 17  | 10 |

#### Bahamas

|                   |         |       |     |    |
|-------------------|---------|-------|-----|----|
| C6AML             | 238,374 | 704   | 114 | B  |
| C6A/K1CTT         | 41,715  | 310   | 45  | 15 |
| C6AZZ (K4IIO, op) | 325,620 | 1,817 | 60  | 20 |

#### Cuba

|        |           |       |     |    |
|--------|-----------|-------|-----|----|
| CO2OQ  | 476,694   | 1,141 | 142 | B  |
| CO2WL  | 396,984   | 998   | 139 | B  |
| CM2XT  | 276,642   | 886   | 109 | B  |
| CM5FZ  | 172,854   | 885   | 66  | B  |
| CM6FJJ | 111,180   | 453   | 85  | B  |
| CO2GG  | 3,008,448 | 3,541 | 288 | C  |
| CO8CY  | 146,970   | 1,070 | 46  | 10 |
| CM8WAL | 56,640    | 482   | 40  | 10 |
| CM8AKD | 316,476   | 1,802 | 59  | 15 |
| CO2CW  | 208,974   | 1,222 | 58  | 15 |
| CO8AW  | 29,640    | 265   | 40  | 15 |
| CL8AKY | 50,055    | 375   | 47  | 80 |

#### Guadeloupe

|       |     |    |    |    |
|-------|-----|----|----|----|
| FG4NO | 630 | 15 | 14 | 15 |
|-------|-----|----|----|----|

#### Martinique

|          |           |       |     |    |
|----------|-----------|-------|-----|----|
| TO5A     | 5,764,011 | 6,108 | 319 | C  |
| FM/F6AUS | 86,715    | 627   | 47  | 10 |
| FM5FJ    | 96,552    | 611   | 54  | 20 |
| FM5CD    | 63,150    | 428   | 50  | 40 |

#### Dominican Republic

|        |           |       |     |    |
|--------|-----------|-------|-----|----|
| HI3TEJ | 5,039,685 | 5,392 | 315 | B  |
| HI8JSG | 94,860    | 481   | 68  | B  |
| HI8LAM | 40,158    | 295   | 46  | 15 |

#### Panama

|        |       |    |    |   |
|--------|-------|----|----|---|
| HP3FTD | 4,278 | 46 | 31 | B |
|--------|-------|----|----|---|

#### Honduras

|                   |         |       |    |    |
|-------------------|---------|-------|----|----|
| HQ2N (JA6WFM, op) | 107,217 | 630   | 57 | B  |
| HQ2GL             | 411,840 | 2,511 | 55 | 10 |

#### Grenada

|                  |         |     |     |   |
|------------------|---------|-----|-----|---|
| J38A (K4LTA, op) | 161,523 | 422 | 131 | B |
|------------------|---------|-----|-----|---|

#### Dominica

|                |           |       |     |   |
|----------------|-----------|-------|-----|---|
| J7Y (K1LI, op) | 2,218,878 | 2,838 | 262 | B |
|----------------|-----------|-------|-----|---|

#### St. Vincent

|       |           |       |     |   |
|-------|-----------|-------|-----|---|
| J88DR | 4,002,900 | 4,901 | 275 | B |
|-------|-----------|-------|-----|---|

#### Alaska

|                   |           |       |     |    |
|-------------------|-----------|-------|-----|----|
| KL7RA (AL7IF, op) | 1,405,890 | 2,310 | 205 | C  |
| WL7E              | 541,002   | 1,184 | 154 | C  |
| AL1G              | 362,940   | 1,324 | 92  | C  |
| KL2HD             | 15,096    | 139   | 37  | 15 |

#### Virgin Islands

|                   |           |       |     |     |
|-------------------|-----------|-------|-----|-----|
| KP2M (N2TK, op)   | 6,500,556 | 6,842 | 318 | C   |
| NP2I              | 2,126,718 | 2,836 | 253 | C   |
| KP2MM (N2TTA, op) | 497,943   | 2,754 | 61  | 15  |
| KV4FZ             | 72,072    | 437   | 56  | 160 |

#### Puerto Rico

|        |         |       |     |    |
|--------|---------|-------|-----|----|
| WP3GW  | 285,285 | 671   | 143 | B  |
| KP3CB  | 220,935 | 728   | 103 | B  |
| KP4CPC | 104,832 | 362   | 96  | B  |
| WP4OFO | 99,678  | 454   | 74  | B  |
| KP4BZ  | 53,460  | 347   | 54  | B  |
| KP4JRS | 245,268 | 1,530 | 54  | 10 |
| NP4ZB  | 11,136  | 140   | 29  | 10 |
| KP4JFR | 44,160  | 329   | 46  | 15 |
| KP3BR  | 19,548  | 185   | 36  | 15 |
| WP3A   | 314,280 | 1,759 | 60  | 20 |

#### Greenland

|                  |         |     |     |   |
|------------------|---------|-----|-----|---|
| XP1A (OX3KQ, op) | 282,159 | 891 | 107 | C |
|------------------|---------|-----|-----|---|

#### Guatemala

|                      |           |       |     |    |
|----------------------|-----------|-------|-----|----|
| TG7/N6HD             | 2,151,279 | 3,000 | 243 | B  |
| TG7/NC2N (EW1AR, op) | 108,450   | 727   | 50  | 10 |
| TG9ANF               | 245,220   | 1,346 | 61  | 20 |
| TG9AXF               | 192,753   | 1,108 | 59  | 20 |

#### Antigua & Barbuda

|                 |           |       |     |   |
|-----------------|-----------|-------|-----|---|
| V26M (N3AD, op) | 6,676,425 | 7,129 | 315 | C |
|-----------------|-----------|-------|-----|---|

#### Belize

|                    |           |       |     |   |
|--------------------|-----------|-------|-----|---|
| V31YK (DL2AYK, op) | 2,925,252 | 3,962 | 249 | B |
|--------------------|-----------|-------|-----|---|

#### Mexico

|        |           |       |     |    |
|--------|-----------|-------|-----|----|
| XE1XOE | 1,120,290 | 1,769 | 214 | B  |
| XE3N   | 784,098   | 1,789 | 147 | B  |
| XE2AU  | 484,260   | 1,160 | 140 | B  |
| XE2URF | 734,784   | 1,445 | 172 | C  |
| XE1BY  | 260,010   | 1,619 | 54  | 10 |
| XE1GZU | 25,038    | 215   | 39  | 10 |
| XE1ZTW | 7,644     | 98    | 26  | 10 |
| XE1EE  | 161,955   | 934   | 59  | 15 |

|                         |         |       |     |    |                              |           |       |     |      |
|-------------------------|---------|-------|-----|----|------------------------------|-----------|-------|-----|------|
| XE1MM                   | 4,176   | 48    | 29  | 15 | YB3IZK                       | 7,104     | 66    | 37  | B    |
| XE2S                    | 99,528  | 650   | 52  | 40 | YB0COU                       | 7,011     | 58    | 41  | B    |
| <b>Nicaragua</b>        |         |       |     |    | YC2FAJ                       | 4,368     | 61    | 28  | B    |
| YN5ZO (K7ZO, op)        |         |       |     |    | YB7SKM                       | 2,109     | 37    | 19  | B    |
| 320,856                 | 928     | 116   | B   |    | YC6EI                        | 384       | 16    | 8   | B    |
| <b>Cayman Islands</b>   |         |       |     |    | YB0NSI                       | 2,772     | 86    | 11  | 10   |
| ZF2AG/ZF8 (AD8J, op)    |         |       |     |    | YC0OHG                       | 165       | 12    | 5   | 10   |
| 46,968                  | 414     | 38    | 10  |    | YB1AR                        | 33,285    | 337   | 35  | 15   |
| ZF2AH                   | 394,710 | 2,257 | 59  | 40 | YB8EL                        | 7,176     | 106   | 23  | 15   |
| <b>Oceania</b>          |         |       |     |    | YB1UUN                       | 3,060     | 60    | 17  | 15   |
| <b>East Malaysia</b>    |         |       |     |    | YC0QR                        | 1,209     | 34    | 13  | 15   |
| 9M6XRO                  | 129,774 | 504   | 86  | C  | YB1HK                        | 1,209     | 32    | 13  | 15   |
| <b>Philippines</b>      |         |       |     |    | YC1ELI                       | 621       | 23    | 9   | 15   |
| DU1AJ                   | 897     | 23    | 13  | A  | YB7MRK                       | 315       | 15    | 7   | B 15 |
| DV1JM                   | 33,210  | 211   | 54  | B  | YB1XFO                       | 264       | 11    | 8   | 15   |
| DU1LC                   | 5,661   | 115   | 17  | B  | YC2WBF                       | 1,872     | 42    | 16  | 40   |
| DU7/KD0JJ0              | 1,215   | 29    | 15  | B  | YB6EN                        | 1,110     | 39    | 10  | 40   |
| DU1AV                   | 16,038  | 203   | 27  | 15 | YC9CT                        | 1,044     | 32    | 12  | 40   |
| DU1JI                   | 12,852  | 207   | 21  | 15 | YB1BGI                       | 510       | 20    | 10  | 40   |
| DU9XO                   | 20,160  | 215   | 32  | 40 | YD1BSL                       | 84        | 7     | 4   | 40   |
| <b>S. Cook Islands</b>  |         |       |     |    | <b>New Zealand</b>           |           |       |     |      |
| E51YNB (N6NB, op)       |         |       |     |    | ZL2MM                        | 2,475     | 33    | 25  | B    |
| 248,820                 | 1,436   | 58    | 15  |    | ZL2GQ                        | 270,396   | 824   | 111 | C    |
| <b>French Polynesia</b> |         |       |     |    | <b>South America</b>         |           |       |     |      |
| FO5QB                   | 94,521  | 649   | 49  | 10 | <b>Trinidad &amp; Tobago</b> |           |       |     |      |
| <b>Mariana Islands</b>  |         |       |     |    | 9Y4W                         | 5,188,320 | 6,065 | 288 | C    |
| AH0/AE6YW               | 1,260   | 28    | 15  | B  | <b>Chile</b>                 |           |       |     |      |
| <b>Guam</b>             |         |       |     |    | CE3BPC                       | 260,991   | 633   | 141 | C    |
| NH2T                    | 384,912 | 800   | 162 | C  | CE1DY                        | 284,439   | 1,624 | 59  | 10   |
| KG6DX                   | 103,824 | 832   | 42  | 10 | CA1NAK                       | 84,084    | 544   | 52  | 10   |
| <b>Hawaii</b>           |         |       |     |    | CA3KHZ                       | 66,750    | 452   | 50  | 10   |
| KH6CJJ                  | 459,576 | 989   | 156 | B  | XQ7UP                        | 44,400    | 299   | 50  | 10   |
| KH6OA                   | 3,225   | 43    | 25  | C  | XQ4CW                        | 12        | 2     | 2   | 10   |
| KH7Y                    | 521,460 | 2,925 | 60  | 15 | CE3CT (CE4CT, op)            |           |       |     |      |
| WH7Z (W0CN, op)         |         |       |     |    | 434,625                      | 2,391     | 61    | 15  |      |
| 363,912                 | 2,060   | 59    | 15  |    | CE3DNP                       | 63,960    | 422   | 52  | 15   |
| WH7GG                   | 105     | 7     | 5   | 20 | CE1KR                        | 140,085   | 856   | 55  | 20   |
| KH6QJ                   | 1,302   | 32    | 14  | 80 | CE1TUW                       | 37,584    | 266   | 48  | 20   |
| <b>Palau</b>            |         |       |     |    | CE3EEA                       | 140,391   | 837   | 57  | 40   |
| T88TW                   | 31,845  | 206   | 55  | C  | <b>Bolivia</b>               |           |       |     |      |
| <b>Australia</b>        |         |       |     |    | CP1FF                        | 248,760   | 693   | 120 | B    |
| VK4ATH                  | 15,510  | 95    | 55  | B  | <b>Uruguay</b>               |           |       |     |      |
| VK3TCX                  | 1,275   | 25    | 17  | B  | CX4DX                        | 71,448    | 466   | 52  | 10   |
| VK1XYZ                  | 798     | 19    | 14  | B  | <b>Ecuador</b>               |           |       |     |      |
| VK3NRW                  | 495     | 17    | 11  | B  | HC1JQ                        | 173,736   | 1,027 | 57  | 15   |
| VK7GM                   | 297     | 11    | 9   | B  | HC2AQ                        | 138,168   | 836   | 57  | 40   |
| VK7ZE                   | 437,031 | 995   | 147 | C  | <b>Colombia</b>              |           |       |     |      |
| VK3TDX                  | 146,046 | 483   | 101 | C  | HK3JJH                       | 1,379,136 | 2,649 | 176 | C    |
| VK5ZK                   | 45,600  | 200   | 76  | C  | HK1R                         | 59,784    | 386   | 53  | 15   |
| VK3AVV                  | 18,720  | 104   | 60  | C  | HK1T                         | 627,324   | 3,449 | 61  | 20   |
| VK4GH                   | 16,500  | 100   | 55  | C  | <b>Argentina</b>             |           |       |     |      |
| VK4VI                   | 1,653   | 31    | 19  | C  | LU7HZ                        | 136,479   | 484   | 97  | A    |
| VK4IU                   | 390     | 13    | 10  | C  | LU1VK                        | 18,819    | 124   | 51  | A    |
| VK4LAT                  | 58,179  | 456   | 43  | 10 | AY8A (LU8ADX, op)            |           |       |     |      |
| VK3GK                   | 40,260  | 305   | 44  | 15 | 766,530                      | 1,535     | 167   | B   |      |
| VK3VTH                  | 1,710   | 30    | 19  | 40 | LU5FR                        | 549,450   | 1,237 | 150 | B    |
| <b>Indonesia</b>        |         |       |     |    | LR1F (LU5FD, op)             |           |       |     |      |
| YB2LSR                  | 7,452   | 70    | 36  | B  | 408,576                      | 914       | 152   | B   |      |
| YB1TJ                   | 7,344   | 73    | 34  | B  | LU6ETB                       | 372,960   | 846   | 148 | B    |
|                         |         |       |     |    | LW3DG                        | 347,256   | 1,132 | 104 | B    |
|                         |         |       |     |    | L59D                         | 261,990   | 725   | 123 | B    |

|                     |           |       |     |     |
|---------------------|-----------|-------|-----|-----|
| LW1HR               | 161,616   | 499   | 112 | B   |
| LU5FF               | 99,000    | 384   | 88  | B   |
| LU5CAB              | 57,240    | 216   | 90  | B   |
| LR1A                | 1,296     | 24    | 18  | B   |
| LW1EUD              | 504       | 16    | 12  | B   |
| LT1F (LU1FAM, op)   | 4,425,516 | 5,693 | 261 | C   |
| LU7FTS              | 559,206   | 1,347 | 141 | C   |
| LU5FC               | 585,162   | 3,387 | 58  | 10  |
| LU8EOT              | 258,552   | 1,560 | 56  | 10  |
| LW7DUC              | 240,816   | 1,405 | 58  | 10  |
| LW8DQ (LW7DX, op)   | 218,544   | 1,268 | 58  | 10  |
| LU3HS               | 206,745   | 1,276 | 55  | 10  |
| LU6FOV              | 113,355   | 692   | 55  | 10  |
| LW3DN               | 94,224    | 613   | 52  | 10  |
| LU8DCF              | 92,379    | 584   | 53  | 10  |
| LU3MAM              | 82,680    | 523   | 53  | 10  |
| LU1EXR              | 55,860    | 390   | 49  | 10  |
| LU1FU               | 28,098    | 226   | 42  | 10  |
| LU8DY               | 27,846    | 226   | 42  | 10  |
| LU4AA (LU7DW, op)   | 10,656    | 98    | 37  | 10  |
| LU6EVD              | 9,792     | 102   | 34  | 10  |
| LU3ARE              | 9,072     | 88    | 36  | 10  |
| LU5MT               | 61,776    | 429   | 48  | 15  |
| LU3DK               | 48,216    | 339   | 49  | 15  |
| LU1QAH              | 34,992    | 256   | 48  | 15  |
| LR1H                | 147,972   | 856   | 59  | 20  |
| L73DX               | 1,980     | 35    | 20  | 20  |
| LU4MHQ              | 240       | 10    | 8   | 20  |
| LU7DW (VE3AP, op)   | 390       | 14    | 10  | 40  |
| LU2DVI              | 468       | 13    | 12  | 160 |
| <b>Peru</b>         |           |       |     |     |
| OA6/OE3NHW          | 66,360    | 291   | 79  | B   |
| OA4DKW              | 8,424     | 73    | 39  | B   |
| OA4SS               | 3,675,951 | 4,686 | 263 | C   |
| <b>Aruba</b>        |           |       |     |     |
| P4ØV (W5AJ, op)     | 5,295,528 | 5,620 | 316 | B   |
| <b>Brazil</b>       |           |       |     |     |
| PY2BN               | 13,221    | 118   | 39  | A   |
| PU5ATX              | 12,084    | 110   | 38  | A   |
| PY4ZO               | 1,881     | 33    | 19  | A   |
| PU5UAI              | 540       | 17    | 12  | A   |
| PY2NY               | 1,000,563 | 1,701 | 197 | B   |
| PY1RY               | 226,590   | 597   | 130 | B   |
| ZX5ZZ (PY5PDC, op)  | 185,472   | 656   | 96  | B   |
| PY6KY               | 163,134   | 491   | 114 | B   |
| PY3PA               | 126,558   | 484   | 89  | B   |
| PY1PDF              | 8,307     | 72    | 39  | B   |
| PY1TJ               | 7,992     | 85    | 37  | B   |
| PY1NS               | 7,650     | 77    | 34  | B   |
| PY2TEL (PY2AXH, op) | 351       | 14    | 9   | B   |
| PV8AZ               | 168       | 8     | 7   | B   |
| PY4OG               | 1,323,777 | 2,661 | 169 | C   |
| PY2MTV              | 344,352   | 866   | 136 | C   |
| PP5JY               | 227,409   | 657   | 119 | C   |
| PV8DX               | 27,846    | 225   | 42  | C   |
| PY5KC               | 429       | 13    | 11  | C   |
| PV8ADI              | 330       | 13    | 10  | C   |
| PY2SF               | 222       | 37    | 2   | C   |

|                                 |         |       |     |     |
|---------------------------------|---------|-------|-----|-----|
| PX5E (PP5JR, op)                | 673,554 | 3,888 | 58  | 10  |
| PY2LED                          | 419,580 | 2,352 | 60  | 10  |
| PU2LEP                          | 271,695 | 1,542 | 59  | 10  |
| PP5JAK                          | 235,587 | 1,352 | 59  | 10  |
| PY4DBU                          | 193,140 | 1,122 | 58  | 10  |
| PU5FJR                          | 188,832 | 1,137 | 56  | 10  |
| PU1KGG                          | 131,835 | 800   | 55  | 10  |
| PY2XC                           | 93,492  | 597   | 53  | 10  |
| PU2STZ                          | 87,780  | 543   | 55  | 10  |
| PY2XV                           | 87,156  | 545   | 54  | 10  |
| PU5DCB                          | 70,686  | 477   | 51  | 10  |
| PP5JN                           | 66,708  | 450   | 51  | 10  |
| PY1NB                           | 54,009  | 354   | 51  | 10  |
| PY5FO                           | 33,120  | 243   | 46  | 10  |
| PY1CD                           | 29,889  | 250   | 41  | 10  |
| PU1PYZ                          | 29,430  | 227   | 45  | 10  |
| PU2WDX                          | 27,405  | 214   | 45  | 10  |
| PU2KIV                          | 18,840  | 165   | 40  | 10  |
| PU1MMZ                          | 14,520  | 134   | 40  | 10  |
| PY2JCM                          | 5,766   | 63    | 31  | 10  |
| PY3DJB                          | 1,920   | 33    | 20  | 10  |
| PY3AJB                          | 1,596   | 28    | 19  | 10  |
| PY1WX                           | 1,026   | 23    | 18  | 10  |
| PP5BB                           | 756     | 18    | 14  | 10  |
| PU8TLS                          | 210     | 11    | 7   | 10  |
| PV8RR                           | 60      | 5     | 4   | 10  |
| PU2UIB                          | 36      | 4     | 3   | 10  |
| PR5B (PY2LSM, op)               | 522,660 | 2,834 | 62  | 15  |
| PY2NZ                           | 175,740 | 1,024 | 58  | 15  |
| PY1ZV                           | 166,380 | 969   | 59  | 15  |
| PX5C (PY2BK, op)                | 352,458 | 1,966 | 61  | 20  |
| PR7AR                           | 165,060 | 938   | 60  | 20  |
| PR7AP                           | 167,067 | 987   | 57  | 40  |
| PY5QW                           | 53,106  | 343   | 53  | 40  |
| PY2KJ                           | 396     | 14    | 11  | 40  |
| <b>Suriname</b>                 |         |       |     |     |
| PZ5RA                           | 137,592 | 889   | 52  | 10  |
| <b>Venezuela</b>                |         |       |     |     |
| YV5OIE                          | 372,663 | 890   | 141 | B   |
| YV5JGO                          | 33,276  | 193   | 59  | B   |
| YV8AD                           | 432     | 16    | 9   | 10  |
| YV5KG                           | 282,846 | 1,653 | 59  | 15  |
| YW5W (YV5TX, op)                | 132,660 | 814   | 55  | 15  |
| YW4D (YV1DIG, op)               | 538,752 | 2,967 | 61  | 20  |
| 4M6CQ (YV6BXN, op)              | 95,094  | 596   | 54  | 40  |
| YW5T (YV5JBI, op)               | 123,144 | 742   | 56  | 80  |
| 4M5W (YV5MSG, op)               | 115,344 | 719   | 54  | 80  |
| YV5IAL                          | 192     | 8     | 8   | 160 |
| <b>Paraguay</b>                 |         |       |     |     |
| ZP6DYA                          | 42,048  | 301   | 48  | B   |
| ZP5MAL                          | 74,592  | 467   | 56  | C   |
| <b>Single Operator Assisted</b> |         |       |     |     |
| <b>Africa</b>                   |         |       |     |     |
| CT3BD                           | 63,648  | 430   | 52  | C   |
| EA8BZH                          | 36,000  | 165   | 75  | B   |
| CN8PA                           | 1,794   | 29    | 23  | B   |

## Asia

|             |         |       |     |   |
|-------------|---------|-------|-----|---|
| JAØFVU      | 365,442 | 1,094 | 113 | C |
| JE1LFX      | 307,008 | 1,002 | 104 | C |
| JO1WKO      | 255,192 | 695   | 124 | C |
| JH3PRR      | 103,500 | 348   | 100 | C |
| HSØZJU      | 91,884  | 410   | 76  | B |
| JA2VHO      | 68,640  | 291   | 80  | C |
| JA9LJS      | 66,816  | 386   | 58  | C |
| JF2IWL      | 57,597  | 266   | 73  | C |
| JH1DGQ      | 49,506  | 223   | 74  | B |
| JF3BFS      | 44,484  | 341   | 44  | B |
| UAØIT       | 40,185  | 236   | 57  | B |
| HZ1HN       | 32,886  | 214   | 54  | B |
| UA9MA       | 29,388  | 161   | 62  | C |
| RAØACM      | 28,665  | 198   | 49  | C |
| HL2WP       | 27,792  | 196   | 48  | C |
| RW9QA       | 24,030  | 184   | 45  | C |
| JO4CTB      | 22,125  | 134   | 59  | C |
| E21EIC      | 18,864  | 133   | 48  | C |
| JO4CFV      | 16,200  | 142   | 40  | C |
| JH4RUF      | 15,876  | 98    | 54  | C |
| UAØSE       | 13,875  | 127   | 37  | C |
| JG3UVN      | 11,340  | 105   | 36  | C |
| JR3BOT      | 11,232  | 99    | 39  | B |
| BD4QH       | 9,594   | 128   | 26  | C |
| BD7IS       | 8,910   | 100   | 30  | C |
| JN3SAC      | 8,160   | 80    | 34  | C |
| RK9DC       | 7,722   | 78    | 33  | B |
| XU7ACY      | 6,750   | 93    | 25  | B |
| RUØLL       | 6,240   | 66    | 32  | C |
| DS5DNO      | 6,030   | 69    | 30  | C |
| BH4SHG      | 5,928   | 80    | 26  | B |
| JA3PYC      | 5,481   | 63    | 29  | B |
| BH7PFH      | 4,860   | 61    | 27  | C |
| BD4FM       | 4,071   | 59    | 23  | C |
| RK9DM       | 3,780   | 48    | 28  | C |
| BD4WN       | 3,762   | 66    | 19  | B |
| 4Z5PJ       | 3,600   | 49    | 25  | B |
| UN9GD       | 3,075   | 41    | 25  | C |
| BD5FFK      | 2,580   | 44    | 20  | B |
| RK9UE       | 2,139   | 31    | 23  | B |
| BG5LU       | 1,683   | 33    | 17  | B |
| JK2VOC      | 1,674   | 31    | 18  | B |
| JL3WSL      | 966     | 24    | 14  | B |
| BH4SGR      | 726     | 22    | 11  | B |
| RW9C        | 510     | 17    | 10  | B |
| BD4TZ       | 510     | 17    | 10  | B |
| RN9CM       | 264     | 11    | 8   | C |
| BD9BKC      | 150     | 10    | 5   | B |
| BD9ALM      | 144     | 8     | 6   | B |
| JA1KEB      | 72      | 6     | 4   | B |
| BG5FIM      | 27      | 3     | 3   | B |
| BU2BI/BY4SA | 27      | 4     | 3   | B |
| RM8W        | 18      | 3     | 2   | C |

## Europe

|                   |           |       |     |   |
|-------------------|-----------|-------|-----|---|
| G6PZ (IZ1LBG, op) |           |       |     |   |
|                   | 2,750,814 | 3,822 | 242 | C |
| DR1D (PY2SEX, op) |           |       |     |   |
|                   | 2,146,188 | 3,162 | 229 | C |
| EE7E (EA7RU, op)  |           |       |     |   |
|                   | 1,148,295 | 2,101 | 185 | C |
| HF8N (SP8BRQ, op) |           |       |     |   |
|                   | 980,958   | 1,854 | 178 | C |
| S52WW             | 827,904   | 1,579 | 176 | C |
| IB1B (IW1QN, op)  |           |       |     |   |
|                   | 565,728   | 1,152 | 166 | B |
| I12S              | 518,400   | 1,099 | 160 | C |

|                   |         |       |     |   |
|-------------------|---------|-------|-----|---|
| LN5O              | 496,179 | 1,103 | 153 | C |
| MMØAMW            | 417,759 | 1,065 | 131 | C |
| EA5KA             | 417,366 | 803   | 177 | C |
| LZ2HM             | 379,449 | 968   | 133 | C |
| S57AL             | 378,246 | 1,063 | 121 | C |
| OG6N              | 368,172 | 975   | 126 | C |
| IZ8EPX            | 335,988 | 757   | 153 | C |
| SP9QMP            | 332,262 | 897   | 126 | C |
| OZ1ADL            | 326,310 | 754   | 146 | C |
| EI/W5GN           | 263,451 | 645   | 137 | B |
| DL8DAZ            | 256,581 | 665   | 129 | C |
| DJ1AA             | 220,698 | 552   | 134 | C |
| SP3S              | 214,704 | 651   | 112 | C |
| SQ9HZM            | 214,170 | 599   | 121 | C |
| EF1W (EA1WS, op)  |         |       |     |   |
|                   | 204,702 | 637   | 109 | B |
| SP9AQF            | 203,319 | 563   | 123 | C |
| GIØRQK            | 191,619 | 458   | 141 | B |
| TM7X (F5BSB, op)  |         |       |     |   |
|                   | 186,912 | 478   | 132 | B |
| EA3AV             | 182,115 | 649   | 95  | C |
| 5Q4B              | 173,967 | 563   | 103 | C |
| HB9AUS            | 173,745 | 503   | 117 | C |
| IK3ORD            | 172,125 | 432   | 135 | B |
| S5ØR              | 165,564 | 1,032 | 54  | C |
| IW3IFJ            | 149,160 | 454   | 110 | B |
| EC1DBO            | 146,328 | 881   | 56  | C |
| I2SVA             | 142,410 | 507   | 94  | C |
| HB9EOU            | 138,930 | 435   | 110 | C |
| DF2SD             | 134,064 | 406   | 112 | B |
| EA5EV             | 131,688 | 359   | 124 | B |
| S51CK             | 126,498 | 738   | 58  | C |
| DJ5AN             | 120,450 | 366   | 110 | C |
| SM5EPO            | 118,188 | 410   | 98  | C |
| OT4A              | 117,975 | 739   | 55  | C |
| M7T (G3YYD, op)   |         |       |     |   |
|                   | 117,612 | 366   | 108 | C |
| SP1NY             | 115,290 | 370   | 105 | B |
| EA5FID            | 113,076 | 353   | 108 | C |
| OM4MM             | 112,926 | 649   | 59  | C |
| ED1A (EA1AST, op) |         |       |     |   |
|                   | 106,212 | 338   | 106 | B |
| MØVKY             | 105,072 | 403   | 88  | C |
| IZ3KKE            | 103,986 | 321   | 109 | B |
| EF2O (EA2AOO, op) |         |       |     |   |
|                   | 103,230 | 385   | 93  | C |
| SM6E (SM6FUD, op) |         |       |     |   |
|                   | 102,960 | 394   | 88  | C |
| RM2U (RU3UR, op)  |         |       |     |   |
|                   | 100,800 | 453   | 75  | C |
| LZ2PL             | 99,666  | 341   | 98  | C |
| S56A              | 99,408  | 305   | 109 | B |
| EA3NO             | 88,755  | 305   | 97  | B |
| SQ9LR             | 84,732  | 316   | 92  | C |
| ON6LR             | 83,928  | 272   | 104 | B |
| DK5DC             | 82,497  | 259   | 107 | B |
| EA2DT             | 79,500  | 270   | 100 | B |
| PA3AAV            | 78,114  | 279   | 94  | C |
| SV1JGX            | 75,768  | 345   | 77  | C |
| HB9CVQ            | 74,892  | 319   | 79  | C |
| F5CQ              | 74,340  | 237   | 105 | C |
| SM6M (SM6MCW, op) |         |       |     |   |
|                   | 73,128  | 280   | 88  | C |
| EA5AX             | 70,983  | 243   | 99  | C |
| LA9DFA            | 68,991  | 380   | 61  | C |
| SK2T (SM2LIY, op) |         |       |     |   |
|                   | 68,040  | 254   | 90  | C |

|                   |        |     |    |        |                   |        |     |    |   |
|-------------------|--------|-----|----|--------|-------------------|--------|-----|----|---|
| OK7O (OK1WIP, op) |        |     |    | OK4DZ  | 19,470            | 118    | 55  | B  |   |
|                   | 67,821 | 487 | 47 | C      | UT0U              | 19,350 | 153 | 43 | C |
| EV1R              | 63,984 | 251 | 86 | C      | UY2IG             | 18,126 | 116 | 53 | B |
| OK6Y (OK2PTZ, op) |        |     |    | EW7BR  | 17,808            | 115    | 53  | C  |   |
|                   | 62,478 | 235 | 89 | B      | OP4A              | 17,760 | 185 | 32 | C |
| DL1OLI            | 59,787 | 225 | 91 | C      | DL1WA             | 17,388 | 161 | 36 | C |
| SP1MVG            | 56,760 | 225 | 86 | C      | EW8DX             | 17,010 | 142 | 42 | C |
| IR4E (IK4ZHH, op) |        |     |    | UA6LCN | 16,770            | 135    | 43  | C  |   |
|                   | 56,406 | 238 | 79 | C      | F8CNX             | 16,758 | 114 | 49 | B |
| R5AJ              | 56,232 | 272 | 71 | C      | DL5MX             | 16,665 | 101 | 55 | C |
| SM6NOC            | 55,986 | 218 | 86 | C      | GI4AAM            | 16,650 | 113 | 50 | B |
| LA9TJA            | 55,224 | 358 | 52 | C      | IK2ANI            | 16,422 | 162 | 34 | C |
| IK0TUM            | 54,432 | 218 | 84 | B      | GD0AMD            | 14,841 | 99  | 51 | C |
| DL2OBO            | 54,264 | 240 | 76 | C      | DL9HD             | 14,640 | 80  | 61 | C |
| EA1HVV            | 53,361 | 232 | 77 | B      | SP1RKR            | 14,400 | 100 | 48 | B |
| 9A4WY             | 52,392 | 237 | 74 | C      | DL5KUT            | 14,175 | 105 | 45 | C |
| OT1S (ON5RZ, op)  |        |     |    | EI2GLB | 14,100            | 101    | 47  | C  |   |
|                   | 51,342 | 200 | 86 | B      | OK6DJ             | 13,689 | 117 | 39 | C |
| IT9MUO            | 50,952 | 193 | 88 | C      | M1JJK             | 13,545 | 105 | 43 | B |
| IV3RJT            | 50,112 | 197 | 87 | C      | SP6FXY            | 13,524 | 99  | 46 | B |
| YO4DW             | 49,200 | 202 | 82 | C      | UA4HOX            | 13,440 | 113 | 40 | C |
| OK2ZO             | 47,478 | 194 | 82 | C      | ER3DX             | 11,616 | 90  | 44 | B |
| DJ1XT             | 45,600 | 201 | 76 | C      | YU1CC             | 11,319 | 79  | 49 | C |
| OK2ZC             | 45,369 | 213 | 71 | C      | DO6NIK            | 11,253 | 125 | 31 | B |
| ED4A (EA4TV, op)  |        |     |    | IZ4ISC | 11,088            | 89     | 42  | C  |   |
|                   | 43,188 | 238 | 61 | C      | EA1DR             | 10,989 | 112 | 33 | C |
| HG3W (HA3AUI, op) |        |     |    | IZ1NBX | 10,707            | 86     | 43  | C  |   |
|                   | 42,054 | 163 | 86 | C      | SV5DKL            | 10,575 | 142 | 25 | C |
| DL8ZAW            | 42,042 | 183 | 77 | C      | LX1NO             | 10,440 | 145 | 24 | C |
| RC6U              | 41,541 | 230 | 61 | C      | RO1B              | 10,434 | 98  | 37 | C |
| OH6RE             | 41,475 | 175 | 79 | C      | PA5KT             | 10,395 | 77  | 45 | C |
| EA1AR             | 41,472 | 196 | 72 | C      | YT3H              | 10,296 | 80  | 44 | C |
| DO4DXA            | 38,280 | 293 | 44 | B      | R3LA              | 9,945  | 90  | 39 | C |
| PA3GVI            | 38,160 | 245 | 53 | C      | PD7BZ             | 9,879  | 89  | 37 | B |
| RU5TT (RN3TE, op) |        |     |    | PG2AA  | 9,804             | 76     | 43  | B  |   |
|                   | 37,908 | 249 | 52 | C      | EW5W (EW1IP, op)  |        |     |    |   |
| HA5PT             | 37,590 | 181 | 70 | C      |                   | 9,717  | 80  | 41 | B |
| EA5HRB            | 35,070 | 168 | 70 | B      | ON4VDV            | 9,576  | 77  | 42 | B |
| OL5Y              | 34,650 | 154 | 75 | C      | R1DX              | 9,312  | 101 | 32 | C |
| EA7ELY            | 34,560 | 325 | 36 | C      | DK4WF             | 9,246  | 68  | 46 | B |
| DM2DXA            | 33,540 | 175 | 65 | C      | R7HF              | 9,126  | 78  | 39 | C |
| IZ7SLU            | 33,453 | 192 | 59 | C      | IZ6KFH            | 8,946  | 73  | 42 | C |
| YO9HP             | 32,184 | 299 | 36 | C      | LZ5XQ             | 8,880  | 83  | 37 | B |
| OR7R              | 32,004 | 258 | 42 | C      | IK3SCB            | 8,844  | 68  | 44 | C |
| SM5CZQ            | 31,878 | 161 | 66 | C      | PA0O              | 8,568  | 68  | 42 | C |
| IT9ESW            | 30,600 | 145 | 75 | B      | YL2KO             | 8,424  | 109 | 26 | C |
| F5RQQ             | 30,438 | 184 | 57 | B      | EA1DVY            | 8,316  | 69  | 42 | C |
| RM5D              | 29,445 | 152 | 65 | B      | PA1T              | 7,884  | 73  | 36 | C |
| DL4JLM            | 28,710 | 146 | 66 | C      | OK2BXE            | 7,830  | 91  | 29 | B |
| PA9CC             | 28,512 | 149 | 66 | B      | UR7LY             | 7,668  | 74  | 36 | C |
| UA6AA             | 28,416 | 148 | 64 | C      | SQ6LJV            | 7,533  | 81  | 31 | B |
| OH6MW             | 27,999 | 153 | 61 | C      | PA8KW             | 7,455  | 73  | 35 | B |
| HA5BSW            | 27,903 | 133 | 71 | B      | SE5S              | 7,410  | 71  | 38 | B |
| IV3JCC            | 27,264 | 129 | 71 | C      | OK1GTH            | 7,314  | 108 | 23 | C |
| IW1RAX            | 26,271 | 141 | 63 | C      | DO1YCL            | 7,227  | 74  | 33 | B |
| EA5MON            | 26,082 | 133 | 69 | C      | LY2FN             | 7,140  | 88  | 28 | C |
| RT5A              | 25,740 | 159 | 55 | C      | PA0M              | 6,936  | 71  | 34 | C |
| LY1R              | 24,360 | 209 | 40 | C      | YO7MGG            | 6,882  | 65  | 37 | B |
| F4CPF             | 23,328 | 110 | 72 | C      | RW6HJV            | 6,834  | 68  | 34 | B |
| SV9COL            | 23,316 | 139 | 58 | C      | SQ8JX             | 6,786  | 60  | 39 | B |
| RN7F              | 22,950 | 155 | 50 | C      | OH6OS             | 6,669  | 57  | 39 | C |
| LA7GNA            | 22,185 | 148 | 51 | C      | SQ8NZB            | 6,615  | 66  | 35 | B |
| SP1RKT            | 22,002 | 198 | 38 | C      | 7S5C (SM5CBM, op) |        |     |    |   |
| IZ2SQS            | 21,291 | 159 | 47 | B      |                   | 6,603  | 72  | 31 | C |
| PA7BAS            | 20,193 | 129 | 53 | B      | EI4GAB            | 6,435  | 65  | 33 | B |
| IK2YXB            | 20,178 | 115 | 59 | C      | OK2PCL            | 6,375  | 86  | 25 | C |
| DL6JZ             | 19,737 | 132 | 51 | C      | ER3CT             | 6,336  | 68  | 32 | B |

|                   |       |    |    |   |                      |           |       |     |   |
|-------------------|-------|----|----|---|----------------------|-----------|-------|-----|---|
| S57S              | 6,324 | 64 | 34 | B | RU3KC                | 210       | 11    | 7   | C |
| IV3XZG            | 6,156 | 54 | 38 | B | UA4PCM               | 189       | 9     | 7   | B |
| EA4DUT            | 6,150 | 50 | 41 | C | DC2CT                | 189       | 10    | 7   | B |
| SO8W (SQ8JLN, op) |       |    |    |   | EW8CY                | 147       | 8     | 7   | C |
|                   | 6,090 | 58 | 35 | B | RT3M                 | 126       | 7     | 6   | C |
| YO3JF             | 6,084 | 78 | 26 | B | SQ2NIJ               | 105       | 7     | 5   | B |
| RC9F              | 6,039 | 63 | 33 | C | OK2KFK               | 75        | 5     | 5   | B |
| PE1FTV            | 5,580 | 60 | 31 | B | M0SFR                | 60        | 5     | 5   | B |
| SN1Z (SQ1EIX, op) |       |    |    |   | SP9CLU               | 3         | 1     | 1   | B |
|                   | 5,250 | 52 | 35 | B |                      |           |       |     |   |
| PA2CVD            | 5,220 | 62 | 30 | B | <b>North America</b> |           |       |     |   |
| RY7A              | 5,115 | 55 | 31 | B | 8P6NW                | 949,905   | 1,960 | 165 | B |
| SP1MHZ            | 4,992 | 53 | 32 | B | V47JA                | 754,200   | 1,286 | 200 | C |
| IZ2DII            | 4,956 | 59 | 28 | C | KP2BH                | 327,990   | 849   | 130 | B |
| HB0WR             | 4,851 | 50 | 33 | C | AL9A                 | 308,448   | 871   | 119 | C |
| PA1AW             | 4,524 | 58 | 26 | B | XE1OGG               | 245,025   | 621   | 135 | C |
| TF3AO             | 4,374 | 54 | 27 | C | AL7L                 | 28,518    | 195   | 49  | B |
| F8DFP             | 4,128 | 47 | 32 | C | CO2VE                | 20,202    | 187   | 37  | B |
| EA1JK             | 4,032 | 48 | 28 | B |                      |           |       |     |   |
| SP4Z              | 4,026 | 61 | 22 | C | <b>Oceania</b>       |           |       |     |   |
| UT2UU             | 3,900 | 50 | 26 | B | ZL3IO                | 1,311,177 | 2,177 | 203 | C |
| CT1BOL            | 3,894 | 59 | 22 | C | VK4QH                | 697,200   | 1,182 | 200 | C |
| RA3TT             | 3,870 | 43 | 30 | C | DU1IVT               | 63,648    | 421   | 51  | C |
| UA3DA             | 3,483 | 49 | 27 | B | YB1ALL               | 31,248    | 255   | 42  | B |
| F4ASQ             | 3,402 | 43 | 27 | C | YB0MWM               | 6,240     | 70    | 32  | B |
| EB1TR             | 3,402 | 54 | 21 | C | YC1BTJ               | 5,625     | 77    | 25  | C |
| UA3VVB            | 3,075 | 41 | 25 | B | DU7HF                | 5,208     | 64    | 28  | B |
| DF1HF             | 3,042 | 39 | 26 | B | YB9WZJ               | 4,050     | 54    | 25  | B |
| LZ2ZD             | 2,967 | 44 | 23 | B | YB2ECG               | 2,400     | 40    | 20  | B |
| EA3GI             | 2,898 | 43 | 23 | B | YB3JBJ               | 567       | 21    | 9   | B |
| IZ5RJS            | 2,886 | 37 | 26 | B | DU1JJ5GMJ            | 270       | 10    | 9   | C |
| UI4I              | 2,346 | 35 | 23 | C | YD1EGP               | 90        | 7     | 5   | B |
| ES2BH             | 2,109 | 40 | 19 | C | YD2TDA               | 90        | 6     | 5   | B |
| DF2UU             | 2,106 | 40 | 18 | C |                      |           |       |     |   |
| IC8POF            | 1,914 | 29 | 22 | B | <b>South America</b> |           |       |     |   |
| 9A3TU             | 1,836 | 34 | 18 | B | PJ4G (K2NG, op)      |           |       |     |   |
| LY3CY             | 1,800 | 30 | 20 | C |                      | 6,471,075 | 6,706 | 325 | C |
| CT2JBG            | 1,755 | 39 | 15 | B | ZZ2T (PY2MNL, op)    |           |       |     |   |
| PA3HGF            | 1,581 | 32 | 17 | B |                      | 3,063,294 | 4,156 | 247 | C |
| OK1MSP            | 1,488 | 31 | 16 | C | PR2X (PY2ADR, op)    |           |       |     |   |
| IZ0EHL            | 1,428 | 28 | 17 | B |                      | 2,419,308 | 3,579 | 228 | C |
| OE2IJL            | 1,350 | 25 | 18 | B | CE1TT                | 1,493,790 | 2,980 | 170 | C |
| OM7LM             | 1,326 | 27 | 17 | B | P43E                 | 1,035,567 | 2,182 | 159 | B |
| PD1SGH            | 1,296 | 27 | 16 | B | PY5ARP (PY5ZD, op)   |           |       |     |   |
| PA3CWN            | 1,170 | 27 | 15 | B |                      | 839,460   | 1,660 | 170 | C |
| IK5FKF            | 1,134 | 21 | 18 | C | 3G1D (CE1VIL, op)    |           |       |     |   |
| PE2K              | 966   | 25 | 14 | B |                      | 748,659   | 1,553 | 163 | B |
| UZ5ZV             | 828   | 23 | 12 | C | PY4RGS               | 653,670   | 1,356 | 162 | C |
| SP2WGB            | 741   | 19 | 13 | B | PY2VZ                | 602,832   | 1,351 | 152 | B |
| RN3DKQ            | 720   | 20 | 12 | B | CE3PG                | 446,607   | 1,078 | 139 | C |
| SA7AUW            | 663   | 17 | 13 | C | PY2NA                | 418,959   | 2,387 | 59  | C |
| RU3FN             | 624   | 17 | 13 | C | PY7VI                | 366,024   | 829   | 151 | C |
| ES6RMR            | 504   | 14 | 12 | B | PT2CM (PT2FE, op)    |           |       |     |   |
| SQ1K              | 450   | 15 | 10 | B |                      | 357,399   | 1,993 | 61  | C |
| DO6SR             | 450   | 15 | 10 | B | HK3JJB               | 336,168   | 823   | 138 | B |
| RA1QX             | 432   | 13 | 12 | C | PY2ZR                | 319,422   | 782   | 139 | B |
| LZ3FN             | 351   | 14 | 9  | C | CE3OPE               | 300,927   | 836   | 121 | C |
| SP2DKI            | 324   | 12 | 9  | B | PY2/XE2B             | 288,564   | 714   | 139 | C |
| DL1OJ             | 312   | 15 | 8  | B | PU8WWW               | 154,512   | 906   | 58  | B |
| SN2M (SP2XF, op)  |       |    |    |   | PY7ZY                | 138,942   | 503   | 93  | C |
|                   | 297   | 11 | 9  | C | PY7ZBK               | 138,096   | 417   | 112 | C |
| SP3SPK            | 297   | 11 | 9  | B | 3G3TV                | 92,259    | 613   | 51  | C |
| PD1LG             | 252   | 12 | 7  | B | PP1CZ                | 79,560    | 532   | 51  | C |
| RA4S              | 240   | 10 | 8  | C | LR9D                 | 78,000    | 525   | 50  | C |
| SP2MKI            | 231   | 11 | 7  | B | PT2AW                | 68,766    | 316   | 73  | B |
| F4DZF             | 216   | 10 | 8  | B | PY2TKB               | 65,700    | 449   | 50  | B |
| SQ8GBG            | 216   | 9  | 8  | C | CX9AU                | 63,753    | 271   | 79  | B |
|                   |       |    |    |   | ZP9MCE               | 59,700    | 417   | 50  | B |

|        |        |     |    |   |
|--------|--------|-----|----|---|
| LU4HW  | 52,350 | 352 | 50 | B |
| PY2PT  | 17,766 | 128 | 47 |   |
| PY4XX  | 16,761 | 155 | 37 | B |
| ZP9EH  | 11,583 | 100 | 39 | B |
| PY2ABN | 4,374  | 56  | 27 | B |
| CX1CAK | 2,508  | 39  | 22 | B |
| PY2NM  | 1,848  | 28  | 22 | B |
| PY2DN  | 1,530  | 30  | 17 | B |
| PP5AMP | 1,248  | 26  | 16 | B |
| PP5FMM | 1,188  | 23  | 18 | B |
| PU2SGL | 270    | 11  | 9  | B |
| PY5IN  | 240    | 10  | 8  | B |
| PU2KXM | 168    | 8   | 8  | B |
| YV5EN  | 27     | 3   | 3  | B |

## Multioperator Single Transmitter

### Africa

CR3L (DJØIF & SP7VC, ops)  
2,884,260 3,654 265 C

### Asia

RUØFM (RCØF, RAØFU, RUØFM, ops)  
1,665,102 2,894 194 C  
JE7YSS (JP7DIG, 7K1OUO, 7N4TEN, ops)  
202,032 737 92 C  
JA1ZGP (JE1BJP, JF1SEH, JG1GOB, JH1ASF, ops)  
60,291 326 63 C  
RK9CZO (UA9QCQ & RV9CDW, ops)  
6,720 64 35 B  
8J2NKC (JA2HDE, JA2MEF, JA2NWQ, JF2ERE, JH2EUO, JN2FCL, JN2KRG, JR2WLQ, JQ6WEI, ops)  
5,952 62 32 C  
BY6LY (BA6IV & BD6JPV, ops)  
600 26 8 C  
RK9CYA (RK9CR & UA9CMP, ops)  
234 14 6 C

### Europe

CR2X (OH2BH, OH2MM, OH8NC, ops)  
6,912,948 7,040 329 C  
CS2C (OK1RF & OK4PA, ops)  
4,348,050 5,083 287 C  
IO5O (IK5ROS, IK5RLP, IK5AMB, IZ5EME, IZ5EKV, IZ5DIY, IZ5EBL, ops)  
2,910,000 3,930 250 C  
9A1P (9A1UN, 9A2NA, 9A3BIM, 9A5CW, 9A6XX, ops)  
2,533,275 3,517 243 C  
GW9T (MWØZZK & MWØJRX, ops)  
2,282,907 3,674 209 C  
OE3K (OE2GEN, OE2VEL, OM3BH, OE3DIA, ops)  
2,261,076 3,614 211 C  
S53M (S53MM, S55OO, S51FB, S53ZO, S55HH, ops)  
1,511,118 2,834 179 C  
TM1T (F5TRO & F8AKS, ops)  
1,337,700 2,321 196 C  
HB9CXZ (+ HB9BLQ, HB9FAP, HB9TJC, HB9TII, HB9TSW, HB9ODK)  
1,267,776 2,228 192 C  
9A8M (9A3BVT, 9A3XU, 9A3XV, 9A5ADT, 9A7DM, 9A8DX, ops)  
1,221,006 2,101 197 C

ES9C (YL3DW, ES5GP, ES5RY, ES5RW, ES5JR, ops)  
1,083,240 2,036 180 C  
PI4TUE 1,029,825 1,739 199 C  
EI9E (EI5DI, EI2FG, EI7FJ, ops)  
905,655 1,774 173 C  
EE7T (EA1BD, EA7JZ, EA7ATX, ops)  
843,336 1,426 204 C  
PAØAA (PA5ABW, PE2LZ, PE2MC, PA9T, ops)  
477,603 1,223 133 C  
GT8IOM (GD4IHC, GD4PTV, GD4WBY, MDØMDI, ops)  
398,211 1,112 121 C  
G5FZ (MØSIY & MØKWP, ops)  
351,522 1,023 118 C  
IQ1CN (I1AGB, IZ1MGH, IK1NPP, IZ1ZOD, IZ1GLX, IZ1MMM, IW1FPK, ops)  
332,928 834 136 C  
DKØHF (DL8QE & DF9QO, ops)  
283,650 790 122 C  
M5BFL (+ G4WJS)  
260,634 729 121 C  
HB9CA (HB9CEX, HB9DDO, HB9FMU, ops)  
252,369 722 117 C  
5Q1A (OZ1CWP, OZ1INN, OZ1TDS, OZ4AFQ, ops)  
188,940 684 94 C  
IR1I (IK1MJG, IK1EIU, IZ1POO, IZIPOP, I1VDM, IZ1TTM, IK2SGL, ops)  
152,211 465 113 C  
G1T (2EØEET, 2EØJEX, 2EOCKC, GØLLG, GØLWU, GØRDH, GØVGS, G1LAT, G1T, G1TLQ, G4UME, G6FKE, ops)  
124,020 402 106 C  
SC3A (SM3WMU & SM3RAB, ops)  
111,879 403 93 C  
SN9V (SP9GFI, SP9NWN, SQ9CIE, SQ9BDB, ops)  
111,222 345 111 C  
EE5W (EA5FWW, EA5HVV, EA5HJV, ops)  
86,496 552 53 B  
UW4I (UT2IJ & UX6IZ, ops)  
86,211 326 93 C  
M4A (MØBLF, MØTEI, G3ZAY, ops)  
73,146 344 73 C  
SK7OA (SG7A & SM7LXV, ops)  
71,325 320 75 C  
DAØI (DK1II & DL5EBE, ops)  
68,598 314 74 C  
OZ7D (OZ6OM & OZØJ, ops)  
49,245 248 67 C  
YU2A (YU2A & YT2T, ops)  
45,756 187 82 B  
SKØQO (SMØXMU & SMØNUE, ops)  
44,280 249 60 C  
DHØF (DL9NDW, DD2SR, DL2GX, ops)  
43,596 187 84 C  
5P12EU (OZ5BD, OZØJ, OZØJBM, OZ2PJ, ops)  
18,444 117 53 C  
SP4PBI (SP4Z, SWL, LUKASZ, ops)  
2,829 42 23 C  
LA1K (LA6MSA, ops)  
855 19 15 C

### North America

VP5H (WØGJ, WAØMHJ, KØMD, ops)  
8,158,941 7,990 343 C

TO11A (F6GWV & F6HMQ, ops)  
5,653,935 6,088 315 C  
NP2B (+ WD4R, W4OV, K9VV)  
5,386,605 5,943 305 C  
HI3K (+ HI3CC, HI3EPR, KL7JR)  
4,805,097 5,112 319 B  
VP9I (W6PH & N6WIN, ops)  
4,483,800 5,026 300 B  
T48K (CO8GJ & CO8ZZ, ops)  
2,402,529 3,362 241 B  
KP4MM (W4GVL & W4GAL, ops)  
659,088 1,628 138 B  
KL7AIR (NL7WW, KL3ID, KL3IE, ops)  
215,736 721 101 C

#### Oceania

KH7X (KH6ND, KH7U, NH6XO, ops)  
6,626,124 6,891 324 C  
DU1HR (DU1VHY, DU1EQ, DV1SMQ, DU1GE,  
4F1BYN, ops)  
30,294 202 51 C

#### South America

PJ2T (K6AM & W0CG, ops)  
8,998,236 8,708 348 C  
P40L (W6LD, K0DQ, N4OC, ops)  
8,880,270 8,690 343 C  
CW5W (PY3VK, CX2DK, CX6VM, ops)  
4,762,812 5,478 292 C  
LS1D (LU3CT, LW9EOC, LW1DTZ, ops)  
4,251,708 5,387 267 C  
LU1UM (LU2UF, LU4ULT, LU5UAS, LU5UBI,  
LU5UEV, LU5UBI, ops)  
1,390,800 2,494 190 B  
CE2LS (CE2RTF, CE2SQE, CE2WZ, ops)  
1,366,596 2,272 203 C  
ZV2K (PY2SHF, PY2WAR, PU2TRX, ops)  
735,504 1,418 176 B  
CV5K (CX7BZ, CX2ABC, CX5BE, CX6DAP,  
CX1RC, CX3AY, CX1CW, CX4AT, ops)  
556,365 1,311 145 B  
PR5A (PY5ZW & PY5AP, ops)  
447,447 1,080 143 B  
L73D (LW6DW, LU9DPD, LU1AEE, ops)  
413,646 979 142 C  
PS2R (PY2TI & PY2TDX, ops)  
216,144 642 114 B  
PR7AA (PT7ZAA & PR7ZAJ, ops)  
52,479 363 49 C  
ZP9EE (ZP9GOM & ZP9BA, ops)  
2,376 38 22 B

#### Multioperator Two Transmitters

##### Asia

JA1YPA (JA1PEJ, JE1PMQ, JG4KEZ,  
JH6OPP, JA1CTB, JM1UWB, ops)  
1,241,460 2,123 198

##### Europe

ED1R (DH1TW, EC1KR, EC1KD, EB3CW,  
EA4SV, EC4DX, ops)  
4,455,360 5,345 280  
II9P (IT9CHU, IT9AUG, IT9EQO, IT9CJC,  
IT9NJE, IT9ACN, IT9BUN, ops)  
2,082,816 3,148 226  
PI4DX (PD1DX, PC5SZ, PD2R, PD2DX,  
PA3EVY, PD7RB, PA3GBQ, ops)  
2,030,742 3,022 227

HG7T (HA7TM, HA7AP, HA9PP, HA0DU, ops)  
1,612,995 2,846 191  
GM7R (GM0NAI & MM0TAI, ops)  
1,143,990 2,020 190  
RL3A (UA3ASZ, RL3FT, RA3ATX, R3DCX,  
RX3APM, RV3BA, RA3CO, ops)  
1,043,847 1,860 189  
E74EBL (E70T, E70R, E76C, E77E, E74GD,  
ops)  
909,450 2,078 150  
LZ9W (LZ1ZD, LZ1FG, LZ2HQ, LZ3FM, ops)  
844,185 1,726 167  
GJ2A (MJ0PMA, GJ4CBQ, 2J0DXA, MJ0ASP,  
ops)  
407,301 1,009 137  
9A6B (9A5ADH & 9A2EU, ops)  
276,906 705 133  
RM3A (RC5A, RN3AC, RN3APJ, ops)  
3,726 48 27

#### North America

6Y1V (KY1V, K1VR, W1NA, N8BO, NH7CU,  
I8QLS, ops)  
11,719,305 11,416 345  
TI5N (AJ1G, K1DG, KG5VK, WK4Y, WA4PGM,  
ops)  
10,550,358 10,449 339  
KL2R (N1TX, KL1JP, WL7BDO, KL6C, KL1AZ,  
ops)  
365,328 953 129

#### Oceania

KH6LC (+ AH6RE, KH7BB, NH6V, W7VO)  
8,036,280 8,561 315

#### South America

PT5T (HK3R, PP5XX, PY2KC, PY2YU, PP5EG,  
PP5RZ, ops)  
7,361,070 8,562 290

#### Multioperator Unlimited

##### Africa

EF8R (IK1HJS, EA8ZS, EA8AH, EA8CAC, ops)  
8,961,225 9,270 325

##### Asia

JA3YBK (JG3KIV, JG3MRT, JG3WDN,  
JH4NMT, JS1PWV, ops)  
2,340,831 3,547 223  
JE1ZWT (JA1MML, JF1VVR, JF9BLA,  
JG1VGX, JI1ALP, JJ1RUF, JK1JEO, ops)  
1,098,279 1,986 189

##### Europe

9A1A (9A2DQ, 9A5E, 9A5W, 9A6A, 9A7R,  
NF4A, ops)  
3,743,250 5,036 250  
HG1S (HA1TJ, HA1DAC, HA1DAI, HA1DAE,  
ops)  
1,942,920 3,139 210  
S50XX (+)  
334,314 911 123  
UU5J (UU2JQ, UU5DX, UU5JR, ops)  
3,354 43 26

#### North America

TI8M (TI2JCY, TI2KAC, TI4ZM, K4UN, W4BW,  
W4KTR, W4XO, ops)  
7,285,140 7,558 324

C6ANM (N1GN, NE1B, N1IW, W2AFC, ops)  
5,081,076 5,537 308

**South America**

LP1H (LU5HM, LU2NI, LU3HY, LU5DX,  
LW4HR, LW5HR, LU9HIG, ops)  
7,469,304 9,019 278