By **Dan Henderson, N1ND**
Contest Manager

1998 ARRL 10-Meter Contest Results

While teaching Novice/Technician-Plus class in 1994, one of my students posed a question: "Why should I try for the code? The 10 meter band is dead and I can't work anybody interesting." I paused and replied: "When the sun spot cycle comes back around, you will be surprised what you can do on 10 meters."

Several years have passed but on December 12-13, 1998, those Novice and Technician-Plus licensees would have been astounded with what they found during the 1998 ARRL 10-Meter Contest. With a little patience, luck and skill, they could have completed a 10 Meter Worked All States award, and a DXCC as 112 DXCC entities submitted logs.

A total of 2,495 entries and an additional 103 check logs were submitted! This represents an increase of 77% from 1997. It also makes the 1998 10-Meter Contest the most-entered single-weekend contest ever sponsored by the ARRL!

Two all-time scoring records were set: the single op mixed mode QRP category by John, N6MU, and single op CW only low power by K5SZ with Mike, K5NU, operating. These two outstanding efforts replaced records that had been set in 1990.

1998 also saw the introduction of more intensive log checking by the ARRL Contest Branch and its hearty group of volunteers. The team of Dave, K8CC, and Tim, K9TM, spent hours dealing with problem logs, format problems and a variety of issues to develop software capable of verifying the 1236 readable electronic logs submitted for this contest. Thanks to these two stalwarts for their efforts. See the ARRL Web Extra on-line at **http://www.arrl.org/** for details of the log checking and how to receive a copy of your report.

The W/VE Top Ten boxes read like a "Who's Who" of contesting. Congratulations to N6MU, W4WA, W4MYA, KTØDX, W5MN, K5TR, KA1O, K5SZ (K5NU, op), K1TO and the multi-ops at NX5M for grabbing the brass ring in their respective categories.

Top Ten DX finishes were found from almost every locale. You will find high scores posted by ops from 50 DXCC entities.

The club competition was exciting. The Potomac Valley Radio Club was unrivaled in the Unlimited Category with 74 entries and 31,071,538 points. The top medium category club was the Florida Contesters who pulled in 13,792,442 points from 29 members. The seven entries from the River City Contesters managed to rack up 2,054,444 points. Congratulations to the 540 contesters who submitted scores for the 56 clubs who entered the Affiliated Club Competition.

What will the 1999 ARRL Ten Meter Contest, scheduled for December 11-12, have in store? We can't be certain but with the increase in the number of sunspots, we predict that 10 meters will be active with thousands of hams across the globe searching for elusive states and DXCC contacts.

Affiliated Club Competition

	Score	Entries
Unlimited Category		
Potomac Valley Radio Club	31,071,538	74
Medium Category		
Florida Contesters	13,792,442	29
Frankford Radio Club	11,781,376	33
Yankee Clipper Contest Club	11,743,520	47
Northern California Contest Club	9,272,442	26
South East Contest Club	8,938,808	13
Tennessee Contest Group	7,760,330	28
Society of Midwest Contesters	7,515,046	20
Texas DX Society	7,430,198	17
North Texas Contest Club	5,695,628	13
Minnesota Wireless Assn	5,359,492	20
Southern California Contest Club	4,716,004	12
Willamette Valley DX Club	3,902,434	7
North Coast Contesters	3,273,216	6
Order of Boiled Owls of New	3,085,876	7
Grand Mesa Contesters	2,340,926	8
Western Washington DX Club	2,338,542	9
Carolina DX Assn	2,112,774	5
Kansas City DX Club	1,420,364	5
Mad River Radio Club	1,218,232	5
Central Texas DX and Contest	1,092,392	4
Oklahoma DX Assn	970,604	4
Rochester (NY) DX Assn	762,472	10
California Central Coast DX Club	623,664	5
Mother Lode DX/Contest Club	456,652	5
Salt City DX Assn	423,954	3
Poughkeepsie ARC	393,632	4
Lincoln ARC	391,596	3
Northern Arizona DX Assn	355,762	4
Schenectady ARA	328,606	3
Franklin County ARC	296,176	4
Central Arizona DX Assn	287,190	4
Six Meter Club of Chicago	247,062	10
Hazel Park ARC	225,002	5
Kentucky Contest Group	207,548	4
Holiday City ARC	199,054	5
South Jersey Radio Assn	149,944	5
West Allis RAC	122,964	4
AK-SAR-BEN	85,996	3
Valley Radio Club of Eugene	75,566	3
Eastern Iowa DX Assn	49,422	3
Local Category		
River City Contesters	2,054,444	7
Hudson Valley Contesters and	964,790	4
Loudoun ARG	932,438	4
Magnolia DX Assn	712,900	4
WorldRadio Staff ARC	661,078	6
Southwest Idaho Contest Club	584,632	3
West Valley ARA	344,984	4
Athens County ARA	299,620	4
Central West Virginia Contesters	294,910	4
West Park Radiops	278,784	5
Alcatel ARC	278,112	3
American Red Cross Emergency	260,744	9
Sterling Park ARC	170,652	3
Columbia-Montour ARC	162,336	5
Northern New York Contest Club	43,728	3

Top Ten, W/VE

Mixed Mode, QRP

N6MU (at N6NB)	677,694
WØAH	457,568
KG5U	398,424
WA6FGV	228,854
W4DEC	208,680
K9OM	202,940
N9NE	181,742
KØPC	167,552
AA6TY	104,236
WBØYJT	101,926

Mixed Mode, Low Power

W4WA	967,434
W3EP	965,430
K6RO	780,536
N7LOX	687,300
W6UT	677,120
WO4O	664,020
K9BWI	599,886
VE3XN	599,664
VE5SF	592,000
AJ4Y	568,752

Mixed Mode, High Power

W4MYA	1,993,956
K3ZO	1,934,682
WC4E	1,888,882
KQ2M	1,846,520
W5WMU (KZ5D,op)	1,637,922
WBØO	1,613,988
NØNI	1,600,560
K4EA	1,525,084
K1PT	1,505,204
K5KG	1,444,530

Phone Only, QRP

KTØDX	262,680
N8MWK	62,472
K2FF	53,100
KØRI	51,450
KS4GW	48,412
KB7UXP	43,656
KIØII	34,220
WBØIWG	31,416
KQ4YY	18,422
N3AWS	17,820

Phone Only, Low Power

W5MN	470,820
K5DX	446,970
K6KAY	314,152
ACØW	281,520
W2BZR/3	276,556
KA7PNH	274,040
W4UM	254,880
KFØUR	250,152
KT3RR	239,750
KAØWWT	230,926

Phone Only, High Power

K5TR (at W5KFT)	923,214
K6LL/7	887,220
K4XS	844,584
KZ5MM	799,876
N2BJ	666,988
K9HMB	661,964
WØAIH	656,656
K1AMF	650,424
N4ZC	637,760
WØSD	634,176

CW Only, QRP

KA1O	277,704
NØUR	180,120
WO2N	157,932
N7VY	146,556
KU7Y	134,300
AA1CA	134,292
K8LJQ	129,204
N8AP	121,088
K2SM	115,200
WA8WV	114,988

CW Only, Low Power

K5SZ (K5NU op)	757,188
NA5B (W5AO,op)	643,452
K7QQ	631,840
WD4AHZ	570,768
K3JT	547,428
KUØC	543,840
K4WX	538,752
VO1MP	529,496
K9QVB	510,240
WD5K	487,368

CW Only, High Power

K1TO	1,161,160
K4OJ	1,066,704
NN4X	1,066,176
K2VV	1,039,324
N4BP	1,036,632
N8RR	937,728
N1BB (at K1KP)	893,228
N2MM	826,932
K7GJ	792,048
W8AV	697,992

Multioperator

NX5M	2,079,930
K8AZ	2,020,304
W4AN	1,920,116
WF3T	1,726,980
NB1B	1,694,646
K4SO	1,621,532
W2RE	1,541,152
W4MR	1,466,388
KØDU	1,396,508
AE4RO	1,370,756

Top Ten, DX

Mixed Mode, QRP

YZ7ED	307,650
HA2SX	268,624
HA5BSW	225,780
YO3APJ	187,488
JR4GPA	101,592
UA9YAB	85,556
LY2FE	78,854
9A2EY	67,568
UR5TAU	27,520
Z31GX	26,656

Mixed Mode, Low Power

LU5WW	1,668,238
LU3HIP	863,660
HR6/W7TSQ	651,904
HA6NF	632,700
YU7CB	524,784
LZØA (LZ2UU,op)	517,530
IK2ZVU	512,040
UY5ZZ	506,352
VK2APK	473,432
LY2GF	449,920

Mixed Mode, High Power

ZF2NT	2,572,304
LT3C	2,382,864
TLØR (PA3DZN,op)	2,244,550
WP3A	1,804,960
TK5EP	1,794,648
GW3YDX	1,594,412
HC2SL	1,587,300
KH8/N5OLS	1,555,890
S53R	1,350,772
OT8T	1,312,648

Phone Only, QRP

NP2Q	117,040
LU1VK	105,340
LU7VCH	80,122
LW3DWX	76,800
RK9KWB	64,476
UT5DA	39,204
YU1KN	28,980
OK1GW	28,656
JA3LFK	27,342
LU2HNP	17,360

Phone Only, Low Power

VP2VF	663,012
VP5JM	614,628
3V8BB	527,988
OK1RI	421,600
ON4DPP	372,960
KP2BH	290,836
PY2MNL	283,290
P43E	278,404
CT1EAT	251,196
LU2NI	246,500

Phone Only, High Power

L1ØF	885,090
L77E (LU4DXU,op)	785,600
XE2DV	750,054
P43P	742,644
TM1C	703,508
LT1F (LU3FZW,op)	662,676
J37K	641,624
GIØUJG	621,516
I4LEC	577,820
L2F	536,056

CW Only, QRP

GØTDX	170,240
OMØTT	75,864
IK5TSS	74,844
JA2ZKB	70,176
JA6UBK	69,960
RX6AY	67,536
DU7/N7ET	60,480
RA3FO	54,528
EA5DWS	40,000
YO4HW	38,304

CW Only, Low Power

PJ9/PAØVDV	509,404
S59AA	400,608
UT1QW	323,820
LU1EWL	316,008
JL1ARF	314,580
LU9APM	306,912
CX9AU	297,472
EA5FID	291,200
UT4PZ	279,744
EA8CN	278,832

CW Only, High Power

ZL2DX (ZL2BSJ,op)	916,608
CE3F (CE3FIP,op)	892,380
9A2R	693,840
GM3POI	688,940
VR98BG	682,404
YZ9A (YU1NW,op)	636,660
CX7BY	575,040
JA2ZJW (JH2CM,op)	536,772
LA6YEA	535,752
TM9C	514,360

Multioperator

8P9Z	3,311,080
LU6ETB	2,647,862
WP2Z	2,492,796
CX5BW	1,955,690
NP3X	1,878,736
KH7R	1,836,544
AY6D	1,798,776
J8OK	1,786,928
CW3C	1,712,192
C6DX	1,692,656

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Scores

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

Africa

Tunisia
3V8BB 527,988 1913 138 B B

Libya
5A1A 109,610 435 37 A B

Tanzania
5H3US 980,244 1580 219 A C

Nigeria
5N3CPR 129,668 420 77 C B

Zambia
9J2FR 408,750 1635 125 B C

Madeira Islands
CQ9T (CT3CD,CT3HF,CT3KN,ops) 619,200 2032 150 D B

Canary Islands
EA8AD 21,714 231 47 B B
EA8AEI 69,510 331 105 B C
EA8CN 278,832 626 111 C B
EA8AMW 5,292 49 27 C B
EA8ASJ 306,360 666 115 C C

Ceuta & Melilla
EA9IB 127,866 633 101 B C

Liberia
EL2WW (ON4WN,op) 277,200 663 105 A B

Central Africa
TL8R (PA3DZN,op) 2,244,550 2804 265 A C

Mali
TZ6DX (KR4B,op) 444,960 1029 108 C C

Zimbabwe
Z21CS 73,260 407 90 B B

South Africa

ZS6BXN 126,048 606 104 B C
ZS6AJS 57,596 186 77 C B
ZS5RON 3,888 36 27 C B

Asia

Azerbaijan
4K9W 8,960 70 32 C B

Georgia
4L8A 129,624 491 66 C B

Israel
4X/OK1DTP 331,430 819 115 A B
4Z4TA 57,600 222 72 A B
4Z5JQ 24,310 221 55 B B
4X6DK 6,720 120 28 B B
4Z5FW 187,272 578 81 C C

West Malaysia
9M2TO 324,762 861 113 A B

Oman
A45XR 440,388 941 117 C C

Taiwan
BV/JH3GCN 144,832 498 73 C B
BV7FF 192,192 624 77 C C

China
BD4DW 56,848 418 68 B B

Armenia
EK4JJ 754 18 13 A B

Kyrgyzstan
EXØY 166,936 1084 77 B B
EX8MDA 95,852 773 62 B B
EX8MZ 207,000 690 75 C C

Turkmenistan
EZ8CW 6,732 99 34 B B

South Korea
HL1CG 97,008 312 94 A C
HL5AP 23,500 125 47 C B

Thailand
HSØZCX/8 80,896 632 64 B C
HSØGBI 37,400 170 55 C B

Japan
JR4GPA 101,592 336 102 A A
JN2FSE 6,384 60 38 A A
JE7DOT 3,808 54 28 A A
JR5IAH 435,420 893 177 A B
JH8KYU 327,104 608 152 A B
JM1LPN 303,506 601 163 A B
JF2VAX 263,692 555 143 A B
JR9NVB 194,880 466 140 A B
7L1ETP 169,050 411 115 A B
7L4IOU 164,016 449 134 A B
JA1BUI 152,532 344 59 A B
JH2AMH 97,232 346 103 A B
JI7OED 51,120 200 71 A B
7K4GUR 49,640 221 73 A B
7J1ABD (WA6URY, op) 48,640 175 80 A B
JH8MWW 47,972 223 67 A B
JH5OXF 41,976 189 66 A B
JAØBMS/1 40,480 506 80 A B
JK2VOC 37,344 246 48 A B
JR7CJO/1 36,600 168 61 A B
JM6CIP 33,858 174 57 A B
JA1AB 25,920 143 48 A B
JG3NKP/1 11,592 74 42 A B
JE4QGF 4,648 49 28 A B
JF5FGY 4,374 47 27 A B
JA1XUY 3,248 49 28 A B
JA1XPU 2,200 37 22 A B
7L3TDU 1,924 30 26 A B
JA1MQS 1,800 26 18 A B
JE1QHT 1,350 25 15 A B
JA1XRH 1,040 21 13 A B
JJ2TKX 806 21 13 A B
JE1HXZ 126 8 7 A B
JR7HOD/6 30 4 3 A B
JQ6NAW 485,088 981 163 A C
JR3NZC 465,426 1015 169 A C
JAØQWO 438,584 935 146 A C
JH4UTP 259,204 648 137 A C
JA2AXB 117,180 325 126 A C
JH4NMT 90,882 374 99 A C
JA2FSM 86,700 333 102 A C
JF2SKV 46,958 266 53 A C
JA4YPE 42,924 202 73 A C
JF3FIU 15,350 205 25 A C
JR1LEV 15,180 330 46 A C
JA1AAT 10,126 62 61 A C
JA4HIX 280 12 10 A C
JA3LFK 27,342 217 63 B A
JA9SCB/1 2,160 45 24 B A
JH3DMQ 1,360 40 17 B A
JA7BEW 105,462 567 93 B B
JR7WAB 84,000 500 84 B B
JA7NVF 72,000 450 80 B B
JA5EO 64,464 408 79 B B
JA2BY 60,816 362 84 B B
JA6EFT 32,640 240 68 B B
JA2BQX 15,200 152 50 B B
JA2GHP 13,992 159 44 B B
JA1GYO 13,700 137 50 B B
JR7LVK 12,544 128 49 B B
JA2BEY 9,804 114 43 B B
JH2WHS 8,064 96 42 B B
JH9DNK 6,882 93 37 B B
JA1EEG 6,882 93 37 B B
JH1RMH 4,234 73 29 B B
JO2WIA 3,350 67 25 B B
JA1ALX/9 2,750 55 25 B B
JH1TUX 2,400 60 20 B B
7N2UQC 1,890 45 21 B B
JA6QDU 1,176 28 21 B B
JG1GCO 1,026 27 19 B B
JAØHYU 972 27 18 B B
JA2IAF 780 26 15 B B
JA8TEZ 660 30 11 B B
JE1GZB 374 17 11 B B
JM3HYL 168 12 7 B B
JA3WFQ 120 10 6 B B
JK1BII 36 6 3 B B
JI8GZS 30 5 3 B B
JK8HOS 24 4 3 B B
7K2PBB 8 2 2 B B
JA4CUU 192,990 919 105 B C
JH6SQI 149,760 720 104 B C
JA5GPJ 63,990 395 81 B C
JS2LGN 62,342 427 73 B C
JH1UUT 35,642 251 71 B C
JA3ETD 10,120 115 44 B C
JN1YUU 2,288 52 22 B C
JA7AXP 66 11 3 B C
JA2ZKB 70,176 258 68 C A
JA6UBK 69,960 265 66 C A
JA5CDL 16,340 95 43 C A
JJ4IYG 6,300 63 25 C A
JA6GCE 4,640 58 20 C A
JR3NDZ/1 3,552 37 24 C A
JL1ARF 314,580 749 105 C B
JI3BFC 191,580 515 93 C B
JA1NLX 190,256 517 92 C B
JA2KVB 156,940 415 95 C B
JA1XI 149,400 419 90 C B
JA1PS 129,600 1440 90 C B
JN1NOP 125,440 392 80 C B
JR7OMD/2 108,600 362 75 C B
JE2PCY 102,992 314 82 C B
JA1SJV 87,904 268 82 C B
JA2IU 87,000 289 75 C B
JA2KKA 83,916 260 21 C B
JK3GWT 81,760 280 73 C B
JA2CUS 78,736 259 76 C B
JA1GTF 65,600 205 80 C B
JQ1UKK/7 55,640 214 65 C B
JA2OJ 49,660 191 65 C B
JA3ARM 48,640 190 64 C B
JP1SRG 30,688 137 56 C B
JA1CP 26,112 136 48 C B
JH6TYD 25,800 130 50 C B
JQ2XON 18,400 115 40 C B
JH1AZO 16,272 114 36 C B
JE0UXR 15,096 102 37 C B
JA3EEM 12,284 83 37 C B
JR1TMI 11,520 90 32 C B
JA2MEI 8,064 63 32 C B
JRØBQD 8,060 65 31 C B
JK1ATT 7,840 70 28 C B
7K1EQG 5,984 68 22 C B
JA1GS 5,916 51 29 C B
JA4AQR 5,412 46 33 C B
JN7OJA 5,400 54 25 C B
JA7ARW 4,800 48 25 C B
JE2HAF 3,360 40 21 C B
JHØNEC 3,128 34 23 C B
JF7GDF/7 3,108 37 21 C B
JA2KPV 2,992 34 22 C B
JF1SQC 2,052 27 19 C B
JA7SUR 2,016 28 18 C B
JJ1JRH 1,872 36 13 C B
JH1NXU 1,472 23 16 C B
7N3WRN 288 9 8 C B
JF1LQP 280 14 5 C B
JE1KDM 36 3 3 C B
JA2ZJW (JH2CM,op) 536,772 1091 123 C C
JH7WKQ 385,880 876 110 C C
JH4ADK 241,864 617 98 C C
JH9VSF 137,052 423 81 C C
JA3XOG 131,296 373 88 C C
JE1REU 112,104 346 81 C C
JA1HP 62,376 229 69 C C
JA9CWJ 59,136 224 66 C C
JH8UQJ 32,568 138 59 C C
JK1AFI 27,776 124 56 C C
JO1QZI 10,640 304 35 C C
JAØFVU/Ø 7,208 53 34 C C
JR6LLN 3,960 45 22 C C
JH3BIL 1,088 17 16 C C
JF6ZPH (JH6QIL,JI6BRB,JK6SEW,ops) 430,828 910 142 D B
JA6ZLI (JL6ELU,JJ6WYS,ops) 405,040 748 166 D B
JM1NKT (+Packet Cluster) 20,280 130 39 D B
JF2ZPH (JH6QIL,JF6DEA,JK6SEW,ops) 451,530 937 145 D C

Ogasawara
JD1BIA 4,300 50 43 B B

Turkey

TA3BN 63,560 454 70 B B

Asiatic Russia

UA9YAB 85,556 319 73 A A
RAØFF 231,574 523 139 A B
RK9JWV 108,392 474 68 A B
UAØSJ 93,438 452 87 A B
UAØYAY 49,558 200 71 A B
RZ9WZ 49,096 318 68 A B
RX9SR 370,476 982 123 A C
RZ9UA 294,930 792 113 A C
RKØSXF (RU0SN,RU0ST,ops) 252,928 1976 128 A C
RK9CZO 214,438 582 119 A C
RK9KWB 64,476 398 81 B A
RW9HA 119,000 850 70 B B
RX9JG 57,664 424 68 B B
RA9MBC 25,806 187 69 B B
UAØSE 13,770 135 51 B B
RW9QA 6,016 94 32 B B
RA9JX 4,140 69 30 B B
RA9JW 1,224 36 17 B B
RX3AP 864 27 16 B B
UA9SNQ 4,558 53 43 B C
RV6LMG 3,364 58 29 B C
RAØJD 164,872 557 74 C B
UAØSAD 119,340 459 65 C B
UA9WQK 115,968 454 64 C B
RU9CZ 115,328 1696 68 C B
UAØANW 63,036 309 51 C B
RN1AO 43,776 192 57 C B
RAØJX 35,532 756 47 C B
UA9APA 28,044 172 41 C B
RUØAT 6,532 71 23 C B
RUØLAX 266,556 687 97 C C

Kazakhstan

UP6F (UN7FX,op) 199,888 652 104 A B
UP5P 189,216 1168 81 B B
UN6P 660 15 11 C B

Hong Kong

VR2KF 487,014 1153 141 A C
VR98BG 682,404 1383 123 C C
VR2RO (+UA3QJC) 95,408 378 89 D B

India

AT2UR 2,128 28 19 C A

Europe

Croatia
9A2EY 67,568 251 82 A A
9A7P (9A6NHH,op) 338,744 663 161 A B
9A5MT 18,876 119 66 A B
9A3RE 238,276 487 142 A C
9A2RD 78,988 403 98 B B
9A6ACY 36,572 223 82 B B
9A3VM 163,632 483 84 C B
9A3CY 20,160 126 40 C B
9A2R 693,840 1239 140 C C
9A2AJ 452,120 888 127 C C
9A6C 5,760 48 30 C C
9A5D (9A3DU,9A6DX,ops) 258,712 692 146 D B
9A1CAG (+Packet Cluster) 134,160 298 156 D B

Portugal
CT1AOZ 254,280 518 163 A B
CT/F6EPY 661,624 1204 191 A C
CT2FUN 55,080 324 85 A C
CT1EAT 251,196 1038 121 B B
CT1GVN 36,764 202 91 B B
CT1EWX 24,400 200 61 B B
CT1QF 18,300 150 61 B B
CT1FLD 11,956 122 49 B B
CT2GVG 4,928 77 32 B B
CT2GPT 2,028 39 26 B B
CT2FPL 40 5 4 B B
CT1DVV 244,800 1020 120 B C
CT4HA 29,104 214 68 B C
CT1CLR 26,800 200 67 B C
CT1ETT 10,656 72 37 C B

Fed. Rep. of Germany
DL7ANR 88,580 271 103 A B
DF1LON 34,650 166 63 A B
DL5MC 32,200 166 50 A B
DL6VDU 20,292 103 57 A B
DL3ZAI 12,956 104 47 A B
DL9HAI 10,296 75 52 A B
DL8UVG 10,290 90 35 A B
DL9DQY 3,348 34 31 A B
DK2OY 505,960 878 182 A C
DK3KD 428,340 814 177 A C
DF5ZV 125,188 291 119 A C
DF1ZN 71,008 244 112 A C
DJ2YE 52,728 211 78 A C
DL3AG 18,172 154 59 B B
DH5WB 16,224 156 52 B B
DL2AL 9,990 111 45 B B
DH1PAL 4,416 69 32 B B
DJØBX 950 25 19 B B
DL2MIH 450 15 15 B B
DK3ML 90 15 3 B B
DK5QN 486,168 1293 188 B C
DL8PC 282,828 962 147 B C
DH3HJ 215,392 848 127 B C
DF9ZP 199,656 1062 94 B C
DJ1AD 3,264 51 32 B C
DF3TE 1,292 34 19 B C
DL3KVR 20,988 99 66 C A
DL8TWA (K3TW,op) 17,600 109 40 C A
DL1LAW 8,544 89 24 C A
DL2TM 5,400 54 25 C A
DK3DM 231,552 531 108 C B
DL7BY 208,848 456 114 C B
DK5IM 103,544 300 86 C B
DJ8EW 80,808 270 74 C B
DK7AN 74,880 236 80 C B
DK3WW 63,840 210 76 C B
DL5SVB 63,364 217 73 C B
DL3BRA 62,160 210 74 C B
DL2OBF 57,312 199 72 C B
DJ2QV 50,976 177 72 C B
DJ5GG 47,428 167 71 C B
DK5ZX 32,640 160 51 C B
DL5WS 29,200 146 50 C B
DL2ANM 15,168 79 48 C B
DL1SAN 12,948 83 39 C B
DJ6TK 10,200 85 30 C B
DM5CL 7,200 60 30 C B
DK4CU 4,760 71 17 C B
DL9CC 4,160 40 26 C B
DL2ZAV 3,864 42 23 C B
DK8LV 448,500 893 125 C C
DF2JQ 225,552 504 111 C C
DJØGD 207,648 874 63 C C
DL6UNF 153,816 375 102 C C
DL1JF 139,292 359 97 C C
DL2GK 97,744 298 82 C C
DL5YM 87,696 261 84 C C
DK3GI 43,736 153 71 C C
DK3AX 37,448 151 62 C C
DJ9RR 36,652 186 49 C C
DL3DRN 9,984 256 39 C C
DFØDG 5,760 60 24 C C
DL9GMC 2,184 42 13 C C
DFØHTE (+DH1SGS,DH4SBO,DL3SBI, ops) 526,914 966 219 D B
DKØNB (DL9NDS,DL7NFK,ops) 313,456 1096 143 D B

Spain
EA5EU 50,400 227 56 A B
EA7AKJ 49,368 203 68 A B
EA7GXX 42,714 177 63 A B
EA5ARC 11,408 69 46 A B
EA7TG 1,849 22 21 A B
EA5SM 1,014 20 13 A B
EA5URP (EA5CLR,EA5DFV,ops) 422,284 912 193 A C
EA2CJC 184,440 795 116 B B
EA3BOX 125,204 554 113 B B
EA2AHP 108,072 474 114 B B
EA1CVY 87,668 434 101 B B
EA3GHQ 80,580 395 102 B B
EA4ATI 70,500 375 94 B B
EA1ACP 69,600 348 100 B B
EA3OP 52,500 210 125 B B
EA4ECF 40,606 257 79 B B
EA3AM 37,500 250 75 B B
EA7BJV 29,118 211 69 B B
EA3NA 24,960 240 52 B B
EA5AJX 19,966 149 67 B B
EA5DIT 13,020 105 62 B B
EA7CWV 6,120 68 45 B B
EA3CCN 4,340 62 35 B B
EA3AAW 3,744 52 36 B B
EA3NY 369,342 1207 153 B C
EA4RKU (EA4AD,EA4EKH,ops) 302,080 1180 128 B C
EA7BA 283,382 1171 121 B C
EA7ATX 227,824 982 116 B C
EA3AR 210,276 891 118 B C
EA4BT 91,616 409 112 B C
EA5BY 32,850 225 73 B C
EA4CER 3,900 50 39 B C
EA5DWS 40,000 200 50 C A
EA5FID 291,200 649 112 C B
EA3AJW 206,460 465 111 C B
EA2AZ 135,536 393 86 C B
EC5AEB 97,820 332 73 C B
EA5YU 73,440 252 72 C B
EA3BIM 69,936 282 62 C B
EA3ALV 56,000 200 70 C B
EA5OM 48,360 155 78 C B
EA4TX 37,408 167 56 C B
EA7ASZ 18,800 100 47 C B
EA5AKR 18,584 101 46 C B
EC3ACR 4,368 39 26 C B
EA5WU 501,952 1012 124 C C
EA5FV 426,688 944 113 C C
EA7AAW 99,792 324 77 C C
EA4BWR 70,380 255 69 C C
EA7AJR 58,128 346 42 C C
EA3BOW 32,944 142 58 C C
EA5QX 4,224 66 16 C C
ED3URE (EA3DW,EA3FQV,EA3ATM, EA3DUW,ops) 438,582 819 201 D B

Balearic Islands
EA6VQ 86,000 500 86 B B
EA6LP 130,416 572 114 B C
EA6ACC 24,696 147 42 C C

Ireland
EI5DI 302,464 650 136 A B
EI2HY 146,328 320 156 A B
EI4DW 138,972 378 111 A B
EI8GP 89,600 349 64 C B

Moldova
ER5DX 18,648 148 63 B B
ER1OO 356,592 781 114 C C

Estonia
ES1TM 48,556 198 61 C C
ES5Q (ES5RY,ES5QX) 640,250 1062 197 D B
ES1XT (+ES1CR,ES1DU,ES1JL,ops) 68,704 226 76 D B

Belarus
EW1BA 9,400 47 61 A B
EU6FF 6,882 111 31 B A
EU6DA 832 26 16 B A
EW6DX 41,554 263 79 B B
EU6AR 936 26 18 B B
EU1DX 249,288 610 102 C B

France
F5JKK 213,520 454 136 A B
F5TVG 82,042 201 127 A B
F5SNV 69,920 306 95 A B
F6FTB 16,416 89 54 A B
F6DZD 10,320 74 43 A B
F8IN 6,262 63 31 A B
F5POU (+F5SDT,FB1NZQ,ops) 188,258 485 119 A C
F5JY 118,374 304 109 A C
F5TRO 10,878 111 49 B A
F5TDK 228,312 906 126 B B
F5BZB 174,720 672 130 B B
F5BMK 171,912 754 114 B B
F6LQJ 148,356 634 117 B B
FB1BON 81,928 418 98 B B
F5PSA 80,800 400 101 B B
FB1BJI 68,264 371 92 B B
F8ATS 50,688 288 88 B B
F6FUN 28,400 200 71 B B
F5RRO 15,892 137 58 B B
F5JBF 8,512 112 38 B B
F6FNA 7,566 97 39 B B
F8BDQ/P 1,000 25 20 B B
TM1C 703,508 2158 163 B C
TMØK 297,182 1069 139 B C
F5KAC 194,568 737 132 B C
F5BBD 102,600 475 108 B C
F5AMH 65,280 320 102 B C
F8AKC 130,272 342 92 C B
F6IIE 126,936 386 82 C B
F5LJY 97,088 1184 82 C B
F6IFY 93,224 269 86 C B
F5POJ 93,072 301 84 C B
F5JBR 64,584 233 69 C B
F5YJ 37,760 159 59 C B
F5AKL 23,040 120 48 C B
F6JSE 12,480 78 40 C B
F5NLX 9,512 82 29 C B
F6JSZ 8,568 63 34 C B
TM9C 514,360 1165 110 C C
TM6P (F5MZN,F6HPP,F6FVY,ops) 958,898 1377 263 D B
F6KLO (F8BPN,F6HKA,F6JSZ,F6BHI, F5NBX,F5RBB,F5PHV,FB1IPH, F1MCO,F1HSU,ops) 1,044,572 1539 226 D B
TM1W (F1HAR,F5HRY,F6EZV,ops) 892,840 1306 221 D B
F6KPQ (F6ETI,F5PHW,F6DZD,ops) 892,840 1306 221 D B
TM5Z (F5PTM,F5RMY,F8AQK,ops) 802,874 1294 229 D B
F6KXJ (F6CBX,F5MFL,F5MLJ,F5AEB, F5ROX,F5SOR,ops) 182,778 447 123 D B
F6KJX (+ops) 160,174 408 119 D B
TMØT (+Packet Cluster) 198,400 797 124 D C

England

G3FNM 15,228 119 54 A A
M8U 1,008 23 12 A A
GØMTN 221,480 524 140 A B
G3MXH 198,102 605 137 A B
G8D (G3SJJ,M0BWY,ops) 170,414 555 139 A B
G6QQ 37,444 161 74 A B
GØAEV 243,250 875 139 B B
G3PFS 71,148 363 98 B B
G4IUF 45,428 277 82 B B
G4NXG 3,672 51 36 B B
MØACW/P 166,116 762 109 B C
GØTDX 170,240 445 95 C A
G4FDC 9,240 66 35 C A
G5LP 122,880 320 96 C B
G4UZN 104,664 291 89 C B
G3TJB 93,732 320 73 C B
G3TJE 85,560 309 69 C B
G5MY 82,236 231 89 C B
G3VQO 59,024 217 68 C B
G4ZME 9,744 85 28 C B
G3ILO 4,640 40 29 C B
G8G (GØLII,op) 508,592 956 133 C C
G4ODV 239,856 526 114 C C
GØORH 179,360 469 95 C C
G3UFY 159,744 384 104 C C
G3ESF 128,516 361 89 C C
G4BJM 65,780 299 55 C C
GØIVZ (+G4TSH,8P6CV) 1,010,412 1308 234 D B
M8T (G4BAH,G4PIQ,ops) 1,131,550 1507 265 D C

Northern Ireland

GIØUJG 621,516 2110 147 B C

Scotland
GM3CFS 70,870 388 95 A C
GM3BCL 61,466 421 73 B B
MMØBYC 40,432 266 76 B B
SMØJKF 26,520 221 60 B B
GM8C 381,680 1468 130 B C
GM4FDM 195,344 842 116 B C
GMØJKF 23,896 206 58 B C
GM3POI 688,940 1294 133 C C

Wales

GW3YDX 1,594,412 1977 277 A C
GW8GT (GW3KYA,GW3NWS,GW4JBQ, G4VXE,GW5NF,GW6ZUQ,GW0MAW, ops) 1,073,198 1617 233 A C
GW3NJW 135,880 394 86 C B
GW3SYL 15,136 88 43 C B

Hungary

HA2SX 268,624 515 163 A A
HA5BSW 225,780 500 142 A A
HA6NF 632,700 995 225 A B
HA1VE 244,816 572 107 C B
HA3KW 112,800 301 94 C B
HA4YF 109,080 302 90 C B
HG1W (HA1YA,HA1WD,ops) 872,366 1374 209 D B
HG5C (HA5LV,HA5MA,HA5OG, HA5WE,ops) 547,660 956 197 D B

Switzerland

HB9IAL 14,400 100 36 C A
HB9ARF 148,608 386 96 C B
HB9CVO 25,920 120 54 C B
HB9KC 23,920 460 52 C C

Italy

IK2ZVU (I2OKW,IZ2ACZ,IK2NCJ, IK2PFL,IW2HAJ) 512,040 800 204 A B
IK3SSJ 66,052 324 98 A B
IT9JOP 81,286 419 97 B B
IT9JOF 80,122 413 97 B B
IK5YJK 9,856 112 44 B B
IK2WZV 7,752 102 38 B B
IZ3CGL 4,464 72 31 B B
IZØBPI 220 10 11 B B
IV3KSE 198 11 9 B B
I4LEC 577,820 1670 173 B C
IQ2Q 146,028 566 129 B C
IT9RZR 136,864 658 104 B C
IK8UND 120,458 533 113 B C
IK1HSS 107,968 482 112 B C
IK2YSA 107,100 525 102 B C
I8QLS 73,508 782 47 B C
IK4QJM 55,556 323 86 B C
IK3OGL 15,228 282 27 B C
IV3RCH 11,800 118 50 B C
IV3BKH 7,620 127 30 B C
IK5TSS 74,844 231 81 C A
I7PXV 147,784 377 98 C B
I1XPQ 117,936 350 84 C B
IZØAIS 96,768 285 84 C B
IK4WMH 83,332 251 83 C B

IT9ORA 30,272 172 44 C B
IZ3ALF 29,120 130 56 C B
IK8VRP 7,548 51 37 C B
IT9GXE 1,248 25 12 C B
IKØHBN 150,792 365 103 C C
IK2AHB 144,720 402 90 C C
IK4MHB (+I4UFH,I4JMY,I4YSS,IK4IEE, IK4UPB,IK2QEI)
1,441,180 1788 299 D B
IR9T (IT9CHU,IT9EQO,IT9GSF,IT9NJE, IT9STG,ops)
1,175,104 1752 244 D B
IK3QAR (+IK3VIA)
674,352 971 223 D B
IK3OII (+IK3ORD)
93,032 317 116 D B
IK3STG (+IKJSS,IK3HUG,ops)
571,914 935 189 D C

Sardinia

ISØIGV 100,464 307 22 A C
ISØ/I2ADN 163,240 742 110 B B
ISØHQJ 63,000 210 75 C B

Norway

LA5JX 51,040 319 80 B B
LA7TN 4,712 76 31 B B
LA2HFA 86,112 274 78 C B
LA9DK 15,984 106 37 C B
LA6YEA 535,752 1063 126 C C
LA8W 510,048 1012 126 C C

Luxembourg

LX1NO 305,800 1100 139 B C

Lithuania

LY2FE 78,854 251 89 A A
LY2GF 449,920 698 190 A B
LY2BTA 254,448 438 171 A B
LY63BA 90,060 240 114 A B
LY3CW 38,038 157 77 A B
LY1DD 34,840 163 67 A B
LY2LA 30,256 143 61 A B
LY2CX 35,588 159 82 A C
LY3MM 4,690 67 35 B B
LY3NQN 2,200 50 22 B B
LY2AT 65,928 201 82 C B
LY2HN 56,784 182 78 C B
LY2FN 17,808 106 42 C B
LY2FF 8,160 60 34 C B
LY1CY 4,536 59 21 C B
LY1DS 440,376 933 118 C C
LY4AA 372,060 792 117 C C
LY2OX 100,696 307 82 C C
LY3MR (LY1FF,LY3NFW,ops)
214,170 446 165 D B

Bulgaria

LZ2GS 231,728 461 192 A B
LZ2MP 76,368 257 86 A B
LZ1ZF 43,818 203 67 A B
LZ2NB 37,604 167 79 A B
LZ4BU 26,928 121 68 A B
LZ5QZ 5,616 66 36 A C
LZ1QZ 2,714 30 23 A C
LZ3YY 250,668 632 99 C B
LZ2AU 36,512 163 56 C B
LZ1NG 263,568 644 102 C C
LZ1MC 16 2 2 C C
LZ5Z (LZ1UQ,LZ1BMV,LZ2HM,ops)
522,912 827 208 D B

Austria

OE1EMS 359,452 1231 146 B C
OE1TKW 13,940 84 41 C B

Finland

OH1MM 24,084 136 54 A B
OH2FS 9,200 32 40 A B
OH3MMH 300,960 605 176 A C
OH1UP 6,272 55 32 A C
OH5PA 9,920 80 62 B B
OH2YL 23,232 123 48 C A
OH3IR 26,288 124 53 C B
OH3KOH 10,168 62 41 C B
OH2NN 8,640 54 40 C B
OH1F (OH1NOA,op)
466,560 971 120 C C
OH3JF 207,324 443 117 C C

Czech Republic

OK2VWB 198,220 392 170 A B
OK2PMM 59,250 228 99 A B
OK2BHE 7,232 64 32 A B
OK1GW 28,656 199 72 B A
OK1RI 421,600 1360 155 B B
OK1AXB 68,996 367 94 B C
OK1HX 195,700 475 103 C B
OK1AES 133,824 329 102 C B
OK2EC 90,720 280 81 C B
OK1SI 69,300 231 75 C B
OK2HI 64,500 253 75 C B
OK2PTZ 61,272 222 69 C B
OZ1ZP 43,384 187 58 C B
OK1GS 38,744 167 58 C B
OK2HIJ 29,212 108 67 C B
OK2PBG 21,632 106 52 C B
OK1DKM 20,868 143 37 C B
OK1AYY 18,768 102 46 C B
OK2PDT 273,504 615 111 C C
OK1DXW 76,184 236 107 C C

Slovakia

OM5AW 99,004 271 106 A B
OM3RM 390,976 766 164 A C
OMØTT 75,864 218 87 C A
OM7AG 57,232 196 73 C B
OM3BA 54,600 175 78 C B
OM7YC 44,044 144 77 C B
OM3GB 27,000 135 50 C B
OM7IR 15,120 88 42 C B

Belgium

ON4CBW 9,200 70 40 A B
OT8T 1,312,648 1536 284 A C
ONSØARC (SM0ELV,op)
60,528 216 97 A C
ON4DPP 372,960 1295 144 B B
ON4ANN 30,438 171 89 B B
ON4MA 290,444 943 154 B C
ON4CAN 92,400 440 105 B C
ON7CC 16,848 108 39 C A
ON4ATW 243,000 675 90 C B
ON6CW 137,904 442 78 C B
ON4XG 95,200 280 85 C B
ON6TJ 50,344 203 62 C B
OT8A 513,810 1380 173 D B

Faroe Islands

OY1CT 345,320 890 97 C C

Denmark

OZ5DK 40,800 186 68 A B
OZ1HXQ 197,580 890 111 B C
OZ5EV 47,124 238 99 B C
OZ5MJ 46,368 184 63 C B
OZ8SW 45,628 186 61 C B
OZ1BMA 23,124 123 47 C B
OZ5UR 12,800 80 40 C B

Netherlands

PA3FNE 115,362 412 117 A B
PA3AAV 69,690 202 101 A B
PA3DUS 24,400 126 50 A B
PA3HBI 18,000 92 50 A B
PA3BUD 11,544 79 37 A B
PA4FDW 2,100 34 25 A B
PI4TUE 613,496 943 221 A C
PA3GCV 103,200 516 100 B B
PAØCOR 34,668 214 81 B B
PA3GZC 1,728 54 16 B B
PA3DVA 448 16 14 B B
PAØIJM 150,040 682 110 B C
PA3DSR 123,424 532 116 B C
PA3EMN 27,060 205 66 B C
PAØQX 8,988 107 42 B C
PAØRBO 1,728 36 12 C A
PA3ELD 29,596 150 49 C B
PAØJED 19,360 109 44 C B
PA3BEJ 2,880 36 20 C B
PAØRBA 1,836 27 17 C B
PAØLOU 127,344 379 84 C C
PI4COM (PE1PZS,PA3EWP,PA5ET,ops)
532,680 958 193 D B
PI4RCK (PA3FVP,PA3GOU,PA3GPB, PA3GPC,PA3ERL,PD1ACD,ops)
277,134 565 143 D B

Slovenia

S51W 156,844 416 113 A B
S52GP 81,890 247 95 A B
S53R 1,350,772 1956 254 A C
S50K 1,079,884 1565 247 A C
S57J 168,910 665 127 B B
S54E 111,760 440 127 B B
S57UYX 21,942 159 69 B B
S51DX 179,828 671 134 B C
S59AA 400,608 856 117 C B
S59SLO 84,960 295 72 C B
S57XX 20,124 117 43 C B
S58A 493,500 987 125 C C
S53O 458,304 924 124 C C
S53M (S53MM,S53RM,S55OO,S51ZO, S53ZO,S55HH,ops)
811,800 1234 225 D B

Sweden

SMØBDS 19,580 102 55 A B
SM7BJW 31,968 216 74 B B
SM5BTX 5,760 72 40 B B
SM2EKM 218,140 839 130 B C
SM7DXQ 33,320 196 85 B C
SM7ATL 9,090 101 45 B C
SM5JBM 34,428 150 57 C B
SMØJHF 2,880 35 20 C B
SM7CIL 2,204 29 19 C B
SM5IMO 382,080 796 120 C C
SM6BSK 144,228 354 101 C C
SM7BHM 5,452 47 29 C C
SM6NM 4,800 50 24 C C
SK6AW (SM6DER,SM6GBM,ops)
123,504 310 124 D B
SK6HD (SM6FKF,SM6WET,ops)
9,216 96 48 D B

Poland

SP3GTS 170,500 353 155 A B
SQ9HYM 38,316 232 62 A B
SP9LAS 16,940 102 70 A B
3ZØXR 15,568 103 56 A B
SP5FKW 23,010 149 65 A C
SN7N 7,770 53 37 A C
SP7MTF 93,600 400 117 B B
SP9BBH 88,320 384 115 B B
SP7SEW 49,400 260 95 B B
SP1EOI 38,700 225 86 B B
SP5LCC 16,714 137 61 B B
SP7DZA 504 18 14 B B
SP7VC/7 317,754 1143 139 B C
SP6IXF 176,800 650 136 B C
SP2QVS 12,000 50 20 C A
SP8BSQ 98,208 279 88 C B
SP6LV 38,400 128 75 C B
SP3AOT 22,000 125 44 C B
SP6BEN 4,704 48 24 C B
SP3VT 3,264 34 24 C B
SP5GRM 511,784 959 133 C C
SP5ZCC (+SP5UAF,SP5TAT,SP5MBQ, SQ5BPM,SQ5BPT,SQ5EBJ,SQ5EBL, SQ5VJB,3Z5AAN,ops)
226,044 458 161 D B

Greece

SV1CIB 342,228 774 158 A B
SVØAN 4,818 73 33 B A
SV2CWY 108,864 486 112 B B
SV7/UYØMF 33,936 303 56 B B
SV1DNW 24,698 233 53 B B
SV2AEL 155,606 643 121 B C

Crete

SVØLK 180,456 531 103 A B

Bosnia-Herzegovina

T95A 150,144 372 138 A B

Corsica

TK5EP 1,794,648 2094 282 A C

European Russia

UA3ABJ 383,190 785 159 A B
RK3QYL 359,022 777 159 A B
RV6LFE 288,080 732 130 A B
RA4AG 143,888 442 92 A B
UA1OMS 105,092 382 86 A B
UA4AO 62,076 245 76 A B
RA6ABK 18,144 158 48 A B
RU3DG 4,592 56 28 A B
UA6AF 1,088,290 1497 245 A C
RW4WR 617,652 1229 171 A C
RW4AA 512,080 1199 148 A C
RZ3BY 483,664 989 172 A C
UA4LU 179,712 564 117 A C
UA1AJW 159,894 447 141 A C
RA6AR 33,904 191 52 A C
RX3AEX 16,376 111 46 A C
RV6LOB 63,218 433 73 B B
UA1CKC 30,954 201 77 B B
UA3LHL 14,500 145 50 B B
RA3DNC 4,650 93 25 B B
UA4HTT 1,156 34 17 B B
RX6AY 67,536 252 67 C A
UA3BL 129,556 661 98 C C
RW3QVG 36,182 229 79 B C
RX3AHY 154 11 7 B C
RX3ARY 120 12 5 B C
RX6AY 67,536 252 67 C A
RA3FO 54,528 239 64 C A
UA3AD 6,144 64 24 C A
UA3ABT 93,000 312 75 C B
RA3DQ 79,300 305 65 C B
RW6BN 62,400 240 65 C B
RA1QX 59,904 208 72 C B
RU3AQY 43,392 228 48 C B
UA6LFQ 24,072 102 59 C B
RU4WE 13,516 109 31 C B
RA6AX 508,984 1042 122 C C
RV1CC 45,232 151 88 A C
RA3UAG 35,796 157 57 C C
UA1RG 4,680 45 26 C C
RM6A (RN6BN,RA6CO,RA6CM,RU6AB, ops) 1,619,244 2191 261 D B
RK3AWE (RA3DKE,RK3FT,RK3FM, RU3DGD,RA3DBT,ops)
555,066 1076 171 D B
RK3SWX (UA3SEG,UA3SEC,ops)
224,640 580 130 D B

Ukraine

UR5TAU 27,520 142 64 A A
URØMM 4,590 43 27 A A
UY5ZZ 506,352 1139 168 A B
UR7CA 350,106 681 177 A B
UT2QT 324,042 690 159 A B
UT2IW 311,640 678 140 A B
UT2UZ 171,312 368 129 A B
UX5EF 31,616 133 52 A B
UR5ZRK 342 16 9 A B
US6L 715,206 1213 199 A C
U5WF 175,418 372 139 A C
UT8IM 45,820 208 56 A C
UT5DA 39,204 242 81 B A
UR4DWF 12,690 135 47 B A
UT5UUF 9,108 99 46 B A
UT5UUT 6,080 76 40 B A
UR5QBB 97,696 568 86 B B
UT7QL 56,784 364 78 B B
US4LGL 25,422 223 57 B B
UX1KR 19,404 147 66 B B
US8U (UT5UUF,op)
17,930 163 55 B B
UT1YV 720 36 10 B B
UT7DX 284,700 975 146 B C
UXØKN 112,288 484 116 B C
UY5QZ 2,808 52 27 B C
UR9MM 30,448 173 44 C A
UT1QW 323,820 771 105 C B
UT4PZ 279,744 564 124 C B
UT1FA 112,976 307 92 C B
UR5OW 93,568 272 86 C B
UR5UW 83,996 253 83 C B
UT7QF 72,072 231 78 C B
UT4QOS 64,664 274 59 C B
UY3QW 63,488 256 62 C B
UY2IZ 432 99 36 C B
UT5UGQ 36 3 3 C B
UT5UGR 354,660 771 115 C C
UT7WW 210,632 469 113 C C
US7VL 105,924 275 97 C C
UU7J (UUØJM,UU5JIB,UUØJK, UU4JMG,ops)
766,044 1044 246 D B

Latvia

YL3FW 19,008 122 48 A A
YL2KA 324,276 555 183 A B
YL2SW 2,860 55 26 B B
YL3BZ 1,728 32 27 B B
YL8ØUZ 80,000 250 80 C B

Romania

YO3APJ 187,488 401 144 A A
YR9P (YO9HP,op)
174,400 545 109 A B
YO4AAC 17,864 194 29 A B
YO3GDA 11,880 121 36 A B
YO3III 4,464 72 31 B A
YO4CIS 95,888 461 104 B B
YO5CYG 39,312 234 84 B B
YO6BZL 38,718 239 81 B B
YO5QAW 23,240 166 70 B B
YO3RU 10,648 121 44 B B
YO4HW 38,304 133 72 C A
YO4FRF 234,740 605 97 C B
YO8FR 105,792 305 87 C B
YO2ARV 62,700 209 75 C B
YO9AGI 56,420 215 65 C B
YO2DFA 53,784 162 83 C B
YO5AJR 40,824 162 63 C B
YO9FJW 16,856 98 43 C B
YO3CTK 10,880 68 40 C B
YO4ATW 42,920 184 58 C C

Yugoslavia

YZ7ED 307,650 505 175 A A
YU7CB 524,784 841 174 A B
4N9BW 313,600 595 175 A B
YU7KM 82,656 250 84 A B
YU1AAV 56,115 645 87 A B
YU1HH 8,460 83 47 A B
YU1AST 64,942 354 118 A C
YU1KN 28,980 210 69 B A
YU1JW 285,496 1124 127 B C
YT7KF 235,820 907 130 B C
YU1TR 103,888 354 86 C B
YU1QW 77,376 248 78 C B
YU7AM 70,824 227 78 C B
YU7SF 68,728 139 71 C B
YZ9A (YU1NW,op)
636,660 1215 131 C C
YZ1U (YU1BL,op)
489,900 1065 115 C C
YU1OL 465,328 916 127 C C
YU7AL (YZ7EM,4N7RGH, ops)
114,224 297 121 D B

Macedonia

Z31GX 26,656 128 56 A A
Z31JA 170,016 459 92 C B
Z31GB 9,600 80 30 C B

North America

Barbados

8P6SH 52,530 307 85 B B
8P9Z (K3KG,K4FJ,ops)
3,311,080 3823 295 D B

Bahamas

C6DX (WZ8D,W8GEX,WA8NJR,N8ZJN, KB8YKR,ops)
1,692,656 3079 238 D B

Cuba

CO2OJ 231,504 1092 106 B B
CO8HF (+CO8TW)
306,590 751 155 D B

Guadeloupe

FG5AK 32,032 208 77 B B

Martinique

FM5FJ 54,362 377 77 A B

Dominican Republic

HI3LFE 62,304 234 66 C B

Panama

HO3A 129,456 327 124 A B

Honduras

HR6/W7TSQ 651,904 1300 176 A B

Grenada

J37K 641,624 2308 139 B C

St. Vincent

J8OK (+KP2AD,OK1TN,ops)
1,786,928 2290 242 D C

Alaska

KL7H 1,872 34 24 A A
KL7FAP 91,960 605 76 B B
AL7QH 36,480 228 40 C B
WL7KY 193,192 587 82 C C
KL7GN 45,240 194 58 C C

Virgin Islands

WP2Z (AG8L,N8NX,ops)
2,492,796 3541 258 A D
NP2Q 117,040 760 77 B A
KP2BH 290,836 1222 119 B B
NP2DJ 30,576 196 78 B B

Puerto Rico

KP3G 280,704 478 172 A B
WP4LNY 245,560 1754 140 A B
WP3A 1,804,960 2563 232 A C
WP4KOE 15,732 171 46 B B
WP4BV 51,948 333 78 B C
NP3X (WP4NHM,WP3A,ops)
1,878,736 2563 232 D B

British Virgin Islands

VP2VF 663,012 2631 126 B B

Turks & Caicos Islands

VP5JM 614,628 2439 126 B B
VP5/KM9D 197,120 616 80 C B

Mexico

XE1RGL 7,918 61 37 A C
XE2DV 750,054 3049 123 B C

Nicaragua

YN2EJG 383,968 987 169 A B

Cayman Islands

ZF2LA (K9LA,op)
329,268 875 138 A B
ZF2NT 2,572,304 3602 238 A C

Oceania

Philippines

DU7AFT 168 12 7 B A
DU1ØØLER 53,000 500 53 B B
DU1ØØSAN 84,760 652 65 B C
DU1ØØFZB 21,216 308 34 B C
DU7/N7ET 60,480 237 63 C A

Mariana Islands

WHØV 433,188 951 162 A B
KHØCE 77,356 466 83 B C
NHØE 177,072 526 84 C B

Guam

KH2/N2NL 249,088 1083 112 B C
KH2D 145,604 409 89 C C

Hawaii

KH6/WB6FZH 5,678 76 37 A A
KH7L 49,560 207 70 A B
KH6CDO 7,200 90 40 B A
NH6YK 120,000 625 96 B B
WH6VH 6,400 80 40 B B
KH7R (+KH6ND,KH6TO,KH7U,AH6OZ)
1,836,544 3122 211 D B

American Samoa

KH8/N5OLS 1,555,890 2586 217 A C

Marshall Islands

V73UX (+V73GT)
444,912 1471 138 D B

Australia

VK2APK 473,432 883 166 A B
VK4EMM 1,160,720 1494 220 A C
VK5GN 313,866 624 159 A C
VK4DZ 191,840 872 110 B B
VK2ARJ 124,334 749 83 B B
VK4EJ 29,988 238 63 B B
VK4XA 257,880 614 105 C B
VK4TT 114,372 353 81 C B
VK4YN (VK4NEF,VK4FW, ops)
197,280 590 144 D B

Indonesia

YC2OK 6,522 84 36 A A
YB1KOR 68,000 340 85 A C
YCØLOW 160 10 8 B B
YC8VIP 6,634 107 31 B C
YB2UU 22,796 139 41 C C

New Zealand

ZL1ANJ 378,000 1500 126 B C
ZL2AMI 73,164 469 78 B C
ZL4AS 56,484 523 54 B C
ZL2DX (ZL2BSJ,op)
916,608 1848 124 C C
ZL1AXB 402,120 1110 90 C C

South America

Chile

XR8Y (XQ8ABF,op)
765,752 2587 148 A C
CE3AA (XQ3IDY,op)
152,148 408 93 C B
CE3F (CE3FIP,op)
892,380 1605 139 C C
CE8SFG (+CE8FGC)
246,300 548 150 D B
CE6TC (CE6ABC,CE6TBN,ops)
156,558 813 97 D B
CE6/LU5VC 401,868 622 183 D C

Uruguay

CX8BAE 152,656 658 116 B B
CX9AU 297,472 664 112 C B
CX7BY 575,040 1198 120 C C
CX5BW (+CX5BE)
1,955,690 2520 253 D B
CW3C (+Packet Cluster)
1,712,192 2518 248 D B

Ecuador

HC2SL 1,587,300 2111 222 A C

Colombia

HK3JJR 55,242 297 93 B B

Argentina

LU5WW 1,668,238 2075 247 A B
LU3HIP 863,660 1356 217 A B
LU5VV 439,568 1254 166 A B
LT3C (+Packet Cluster)
2,382,864 2914 264 A C
LW1DX 218,880 498 114 A C
LU1VK 105,340 458 115 B A
LU7VCH 80,122 413 97 B A
LW3DWX 76,800 384 100 B A
LU2HNP 17,360 140 62 B A
LU6DTS 14,868 126 59 B A
LW7DQW 3,726 69 27 B A
LU2NI 246,500 850 145 B B
LU5HCI 209,202 879 119 B B
LU1VEW 134,352 622 108 B B
LW7EIC 133,152 584 114 B B
LU2BA 114,108 514 111 B B
LU2EC 96,900 850 57 B B
LU3HL 70,666 397 89 B B
LU6HDV 66,364 353 94 B B
LW7EGO 44,352 264 84 B B
LT5V 41,028 263 78 B B
LU6AMD 38,592 268 72 B B
LU5EVK 28,368 197 72 B B
AY5E 27,430 211 65 B B
LU7VFJ 16,616 134 62 B B
LY3BCY 1,680 42 20 B B
L1ØF 885,090 2715 163 B C
L77E (LU4DXU,op)
785,600 2455 160 B C
LT1F (LU3FZW,op)
662,676 2250 147 B C
L2F 536,056 1811 148 B C
LTØH (LU3HY,op)
500,112 1812 138 B C
LU1NDC 464,156 1507 154 B C
LWØD 457,240 1633 140 B C
LU4DPD 309,136 1112 139 B C
LU4DPO 299,200 1100 136 B C
LW6EQG 173,116 766 113 B C
LW1EGD 100,048 481 104 B C
LU1EWL 316,008 693 114 C B
LU9APM 306,912 834 92 C B
LU2YA 236,544 509 112 C B
LU7AWP 207,900 525 99 C B
LU5GPL 49,044 181 67 C B
LU/OH0WW 20,160 112 45 C C
LU6ETB (+LU5CW)
2,647,862 3095 287 D B
AY6D (LU2EU,LU3DW,LU8DW, LW5DKY,LW5DX,LW6ETR,LW7DX, LW8DJZ,ops)
1,798,776 2346 258 D B

Peru

OA4CRK 371,856 1464 127 B C

Aruba

P43T 970,904 2426 187 A C
P43E 278,404 1141 122 B B
P43P 742,644 2525 147 B C
P49M (VE3MR,op)
532,250 2129 125 B C

Netherland Antilles

PJ5JP 20,664 126 41 C A
PJ9/PAØVDV 509,404 1123 113 C B

Brazil

PX1I 336,064 554 178 A B
PY2NY 227,788 442 167 A B
ZW2A (PT2WA,op)
170,766 364 159 A B
ZW2A 157,314 344 157 A B
PR2W (PT2AW,op)
40,296 159 73 A B
PY2TI 9,108 65 46 A B
PY2XE 787,780 1096 238 A C
ZZ2Z 677,732 1078 211 A C
PY5FT (+ops)
156,768 566 138 A C
PY2MNL 283,290 1065 133 B B
PY2P 135,256 583 116 B B
PU5CJR 70,576 401 88 B B
PY2TST 44,678 251 89 B B
PY2ELG 39,610 233 85 B B
PY2DJ 32,412 219 74 B B
PY3CGP 29,322 181 81 B B
PY2EDY 26,600 175 76 B B
PU2MXU 23,800 175 68 B B
PU2XLO 12,992 116 56 B B
PU2TVQ 7,800 100 39 B B
PU2VEC 2,772 63 22 B B
PY7BEL 1,680 42 20 B B
PU2OTQ 1,302 31 21 B B
PR7AR 1,088 34 16 B B
PR2M 18 3 3 B B
PP5UA 503,248 1772 142 B C
PT7BZ 249,480 945 132 B C
PY1BGJ 5,060 55 23 C A
PY1CCO 4,048 175 23 C A
PV8DX 168,888 454 93 C B
PY2GG 28,792 118 61 C B
PY3JRG 17,700 237 75 C B
PY7IQ 12,876 87 37 C B
PY2PI 5,152 46 28 C B
ZW2F 103,416 277 93 C C
PS7ZZ 1,292 17 19 C C
PY3MHZ (+ops)
157,608 474 132 D C

South Shetland Islands

LZØA (LZ2UU,op)
517,530 863 195 A B

Venezuela

YY1HFY 84,238 547 77 B B
YV1CR 343,064 1406 122 B C
YV5BPG 27,604 206 67 B C
YV7QP 11,792 67 44 C B

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Connecticut

W1BRS 67,648 240 112 A A
W3EP 965,430 1251 255 A B
K1JN 214,148 488 157 A B
KE1AU 27,720 156 77 A B
WB8IMY 20,328 127 66 A B
N1BAH 7,924 60 34 A B

KQ2M 1,846,520 2338 260 A C
N1TM 97,344 306 104 A C
N1MD 20,886 107 59 A C
W1RPG 52,722 303 87 B B
KA1SVK 51,510 303 85 B B
N1IXF 29,796 191 79 B B
WB1FWQ 27,738 201 69 B B
N1UKX 13,056 136 48 B B
K1QNF 10,028 109 46 B B
W1IVB 3,230 95 17 B B
W1CTN 1,584 33 24 B B
N3YER 144 12 6 B B
WB1GIC 2 1 1 B B
N8RA 470,552 1796 131 B C
W1XF 70,422 363 97 B C
WA2VUM 67,106 377 89 B C
N1MT 34,992 160 54 C A
KA1RVV 35,392 155 56 C B
W1WEF 174,240 495 88 C C
K1KI 128,760 370 87 C C
N4XR 127,712 307 104 C C
W1BIH 100,320 264 95 C C
N1LYA (at KB1H)
(+KB1DFB,KB1H,AA1CE,ops)
425,860 661 199 D B
N1NQD (+Packet Cluster)
219,634 459 193 D B
N8WXQ (+Packet Cluster)
68,848 241 104 D B
N1KWJ (+Packet Cluster)
3,584 56 32 D B

Eastern Massachusetts

K1QM 46,200 182 70 A A
W1VIV 261,942 520 149 A B
K1HT 167,000 382 125 A B
N3KCV 109,368 360 124 A B
K1UR 95,268 343 102 A B
W1TE 554,156 858 218 A C
K1RV 227,100 493 150 A C
KU4BP 88,350 465 95 B B
KA1AMR 64,430 379 85 B B
W1DYJ 20,068 173 58 B B
WA1OFR 19,038 167 57 B B
KB1DHC 15,904 142 56 B B
WA1VIC 14,520 121 60 B B
W1EWN 3,740 55 34 B B
W1RY 211,314 859 123 B C
W1FJ 91,840 287 80 C B
K1EP 67,336 230 76 C B
KR1B 29,184 128 57 C B
N1HOG 12,160 320 38 C B
AA1O 7,344 68 27 C B
N1BB (at K1KP)
893,228 1675 133 C C
WS1M 644,640 1182 136 C C
W1MK 371,996 823 113 C C
W1AX 249,600 519 120 C C
K5MA 72,036 261 69 C C
K1SM 68,912 235 73 C C
K1DC 17,100 95 45 C C
AA1ON (+KC1YR,Packet Cluster)
1,291,164 1853 266 D B
W1AA (+K1VV,Packet Cluster)
381,408 688 174 D B
N1RR (+N1XS, WM1K)
221,144 552 154 D B
W1SMH (N1DPY,KA1CQD,WZ1K,
KB5BTT,W1CI,N1XGG,KA1EZH,N1EZT,
KD1OQ,ops)
176,904 530 126 D B
K1TH (+N1YWW)
136,032 349 104 D B
NB1B (+W1KM,KU4BP,N1TB,ops)
1,694,646 2046 279 D C

Maine

W1LIC 129,792 342 104 A B
W1XZ 80,388 302 87 A B
AA1KS 73,344 437 64 A B
AA1TF 21,172 116 67 A B
KA1PRD 10,672 116 46 B A
N1RWY 129,528 771 84 B B
N1ZPC 82,176 428 96 B B
NY1E 530,146 1907 139 B C
K1TGS 122,496 319 96 C B
K1PQS 96,720 310 78 C B
W1DEO 28,768 116 62 C B
KD1OG 18,540 100 45 C B

New Hampshire

W1XV 1,824 31 19 A A
K1RO 109,158 308 113 A B
AA1QD 56,434 149 139 A B
WB1EDI 41,586 199 87 A B
K1DG 621,250 1047 175 A C
K1BV 147,600 505 90 A C
NM1W 40,194 163 87 A C
WA1VKO 97,944 583 84 B B
WA1ZYX 44,856 252 89 B B
AF1T 84,060 467 90 B C
WA1ZYK 47,104 256 92 B C
WB1GEX 10,080 120 42 B C
KA1O 277,704 608 114 C A
AA1CA 134,292 360 93 C A
K1WD 27,540 135 51 C A
WA1LNP 447,496 854 131 C B
W1ECT 247,752 558 111 C C
W1AB 72,688 235 77 C C
KZ1O (+N1TMZ)
105,300 321 117 D B
KC1F (+Packet Cluster)
56,202 260 87 D B

Rhode Island

K1ZE 170,940 525 110 A B
KS1J 92,660 334 82 A B
K1VSJ 20,776 117 49 A B
W1RFQ 140,760 330 138 A C
KB1LN 61,200 306 100 B C
AB1BX 44,096 210 53 C B
K2MN 42,228 152 69 C B
K1DAM (+W1JJM)
665,720 1258 220 D B

Vermont

N1MEZ 491,064 1478 158 A C
W1UT 201,588 501 157 A C
K1AMF 650,424 1983 164 B C
W1SJ 508,368 1869 136 B C
K1CN 121,980 570 107 B C
AA1SU 137,432 415 82 C B
AA1VT (AA2DY,KC1MP,KD1DP,KD1UP,
W1KR,ops) 268,156 533 157 D B

Western Massachusetts

WF1L 148,730 396 107 A B
KA1DNX 22,554 154 63 A B
K2DO 15,224 95 44 A B
K5ZD 460,088 738 199 A C
KD1YN 138,370 505 137 B B
KX1X 41,998 253 83 B B
N1FUS 36,938 253 73 B B
N1ISB 988 26 19 B B
K1TTT (WA1ZAM,op)
576,992 1976 146 B C
K1SF 150,126 573 131 B C
KB1CRH 700 25 14 B C
W1TO 32,712 141 58 C B
AA1JD (AA1JD,AA1MT,AA1LH,W9YRH,
K1FFX,ops) 515,908 998 202 D C

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Eastern New York

N2IX 40,588 186 73 A A
AA2QR 112,056 300 117 A B
AA2OI 103,040 291 115 A B
K2RI 82,728 248 108 A B
K2ZZ 379,890 715 189 A C
NA2M 111,936 298 96 A C
WW3K 14,022 246 57 A C
W2GIT 165,830 721 115 B B
W2KI 58,448 281 104 B B
N2VZA 57,876 318 91 B B
KA2VBI 26,134 179 73 B B
N2MTG 15,300 150 51 B B
W2ENY 3,078 57 27 B B
W2WHO 3,016 52 29 B B
W2FXJ 2,400 50 24 B B
KC2CRO 1,292 34 19 B B
KE2DX 318,240 1170 136 B C
N2SQW 24,382 167 73 B C
K2UF 219,744 501 109 C B
K2DW 198,000 447 110 C B
K2SX 435,200 846 128 C C
W2ZU 25,056 116 54 C C
W2RE (+KB2SFU,KB2HZI,ops)
1,541,152 2024 272 D B
K2DS (+WA2JQK)
779,058 1297 229 D B
KD2NE (+W2XL)
531,416 999 181 D B
KC2AGL (+Packet Cluster)
21,316 146 73 D B

NYC-Long Island

N2TO 134,688 379 122 A B
WB2BXO 64,680 228 98 A B
W3EH 19,152 120 56 A B
K2TGW 2,352 49 24 A B
KA2TGI 840 23 15 A B
AG3G 12 6 2 A B
K2LE 1,182,384 1464 252 A C
N2UN 764,218 1135 221 A C
WA2CNV 90,390 374 115 A C
WB2ART 48,504 195 94 A C
KS2G 125,618 587 107 B B
KF2XF 94,300 410 115 B B
N2LDV 35,700 238 75 B B
WB2ZTH 8,874 87 51 B B
W2KZE 7,644 91 42 B B
K2DUX 6,000 75 40 B B
WA2OJK 550 25 11 B B
K2DL 60 5 6 B B
N2LEB 16 2 4 B B
WM2V 330,720 1272 130 B C
N2AUK 56,056 286 98 B C
KA2VVO 540 27 10 B C
WO2N 157,932 368 107 C A
WB2AMU 152,280 400 94 C B
W2HLI 91,728 270 84 C B
WB2DLA 49,660 188 65 C B
WW2G 17,056 103 41 C B
K2OVS 1,700 25 17 C B
KB2KAK 8 2 2 C C
N2FF (+W2AX)
232,512 572 173 D B
N2JIX (+K2GH,KC2CHC,K2JAN,ops)
207,018 511 159 D B
WB2KHO (+KB2NOW)
50,982 292 87 D C

Northern New Jersey

N2NH 41,666 182 83 A A
N2KJM 213,160 485 146 A B
K2WA 140,056 363 122 A B
W2CVW 108,612 256 126 A B
W2RD 58,800 189 105 A B
N2LKF 4,900 39 35 A B
K5KG 1,444,530 1749 269 A C
W2VQ 117,528 300 118 A C
W2UDT 36,188 157 81 A C
NO2EL 117,120 488 120 B B
WT2S 87,472 308 142 B B
N2LDU/T 64,940 382 85 B B
WA2FVL 25,428 163 78 B B
N2TTT 24,702 179 69 B B
N2NHN 22,100 170 65 B B
WA2BKN 19,890 153 65 B B
W2AZK 12,896 123 52 B B
N2NO 16,928 92 46 C A
W2JEK 5,508 51 27 C A
KB5U (+Packet Cluster)
2,232 31 18 C B
N2ST 596 148 1 C B
WA2VYA 436,020 843 129 C C
N2JT 102,856 299 86 C C
W2HCA 33,536 130 64 C C
K2TW (+Packet Cluster)
12,960 72 45 C C
AD2P (+N2HMM)
18,744 142 66 D B
K2BM 147,186 325 117 D C

Northern New York

N2JNZ 7,840 89 40 A A
NG2C 48,416 272 89 B B
WB2BAU 9,680 121 40 B B
KB2NGK 6,192 86 36 B B
WZ2T 26,208 167 39 C B

Southern New Jersey

W2GW 66,736 285 75 A B
W2GE 44,160 189 92 A B
W2UL 18,600 100 186 A B
KE2G 17,346 100 59 A B
K2PS 140,744 328 146 A C
AA2WN 124,752 370 138 A C
KE2OI 139,356 553 126 B B
KB2PD 14,774 89 83 B B
KD2IN 10,300 103 50 B B
N2OO 10,080 112 45 B B
K2BQW 3,240 54 30 B B
KK2ED 218,768 904 121 B C
N2CQ 5,936 53 28 C A
K2HPV 5,720 55 26 C A
WK2G 333,576 736 113 C B
WA2VQV 88,644 249 89 C B
K2VT 63,232 206 76 C B
K2VS 11,664 80 36 C B
N2MM 826,932 1505 137 C C
N2RM 627,120 1206 130 C C
KD2I 568,320 1110 128 C C
K3JGJ (+Packet Cluster)
106,400 262 100 D B
KF2YX (+N2XYZ)
26,928 204 66 D B
K2WB (+Packet)
3,960 47 30 D B
N2VW (+Packet Cluster)
20,224 131 64 D C
K2JF (+Packet Cluster)
18,468 102 57 D C

Western New York

W2GR 428,172 765 186 A B
WA2RZJ 40,656 184 66 A B
AA2AD 18,860 117 46 A B
KG2NO 8,080 90 40 A B
KB2QCW 7,056 57 36 A B
N2CK 5,394 73 31 A B
K2FU 520,818 790 183 A C
WB2ELW 94,710 770 123 A C
W2RW 37,422 186 81 A C
AB2FW 7,380 90 41 B A
WB2OSM 82,840 380 109 B B
KG2AU 48,450 285 85 B B
W2AD 42,282 261 81 B B
N2LQQ 23,664 204 58 B B
KF2VX 17,472 156 56 B B
N2USB 12,656 113 56 B B
WB2JMX 9,102 111 41 B B
KG2NI 8,892 114 39 B B
N2ODU 186,120 846 110 B C
NA2A 104,000 500 104 B C
WR2V 60,990 321 95 B C
K2QR 420 21 10 B C
K2SM 115,200 319 90 C A
KU2X 258,964 640 101 C B
WB2DVU 236,000 496 118 C B
W2TZ 164,900 484 85 C B
WA2EYA 122,668 336 91 C B
N2OC 74,844 243 77 C B
K2CS 55,440 197 70 C B
WØVU 30,960 128 60 C B
KB2NFS 6,864 65 26 C B
N2CU 545,940 1005 135 C C
KW2J 396,984 834 119 C C
KA2RDO 188,264 465 101 C C
W2YRH 97,504 277 88 C C
W2OMV 84,800 265 80 C C
W2EZ 82,200 273 75 C C
N2UM 73,548 225 81 C C
WCØP 5,916 51 29 C C
W2OP 5,292 49 27 C C
WA1KID (W6XR,KB2MTI, ops)
1,093,664 1586 239 D B
N2WK (+Packet Cluster)
179,820 303 185 D B
K1PY (+N2VJB)
146,566 353 133 D B
W2CNS (+WA2ZQN,WA2IKC,WB2BYP,
W2RA,ops)
746,720 1207 208 D C

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Delaware

NY3C 106,800 318 120 A B
KE3ZR 225,984 818 132 A C
N3ELK 27,470 205 67 B B
W3OR 69,230 301 115 B C
N9GG 18,204 111 41 C A
N8NA 87,680 274 80 C B
KC3Q 42,380 163 65 C B
W3PP (+Packet Cluster)
1,004,300 1332 242 D B

Eastern Pennsylvania

K3AN 46,332 192 81 A A
NE3I 43,016 170 76 A A
K7SZ 7,728 70 42 A A
WT3P 397,440 705 192 A B
K3PP 349,948 720 178 A B
WE3E 300,516 654 158 A B
W3SSS 33,800 140 65 A B
N3KYZ 22,348 148 74 A B
N3BUD 3,472 53 31 A B
K3SV 531,648 772 213 A C
NE3H 176,880 393 134 A C
KE3VN 48,776 193 91 A C
WK3M 40,006 144 83 A C
W3KM 12,408 85 44 A C
WC3A 11,100 150 37 B A
N3RM 38,502 207 93 B B
KB3AGZ 25,112 172 73 B B
N3ZBI 14,976 144 52 B B
KG2FH 9,996 101 49 B B
N3PYZ 7,458 113 33 B B
W3JRY 6,600 75 44 B B
KZ3X 4,440 60 37 B B
N3YGL 700 25 14 B B
N3MKZ 427,392 1484 144 B C
NY3A 378,544 801 118 C B
W3BGN 200,200 455 110 C B
WF3M 194,388 500 97 C B
KB3MM 102,512 298 86 C B
K3QIA 81,312 229 88 C B
W8FJ 67,804 253 67 C B
WA3IIA 44,104 149 74 C B
WB3ABH 14,220 237 15 C B
AA3TT 604,884 1131 133 C C
W3RJ 400,648 821 122 C C
K3TEJ 315,432 674 117 C C
AA3B 307,692 692 111 C C
N3WD (+N3RFF,N3XSC, N3XBO,
N3VNX,W3CBQ, N3LSY, KG3N,
N3XTP, KB3NL, N3QQC)
77,568 370 96 D B
WF3T (+ops)
1,726,980 2049 269 D C
K3WW (+Packet Cluster)
635,904 995 207 D C
K3NZ (+Packet Cluster)
24,900 113 75 D C

Maryland-DC

N1WR 493,988 735 218 A B
WK3I 400,400 649 182 A B
W3UJ 375,248 641 188 A B
W2GG (+Packet Cluster)
364,560 555 210 A B
W3IP 326,308 593 194 A B
K3MLA 201,588 496 157 A B
W3DQ 102,108 305 134 A B
W3LJ (+K3NCO)
84,224 241 112 A B
W3MR 62,212 262 103 A B
WB8YYY 4,864 43 38 A B
K3ZO 1,934,682 2346 267 A C
N3OC 1,124,304 1468 236 A C
W3ZZ 290,400 544 165 A C
N3II (+ops)
80,840 278 94 A C
W3HVQ 59,040 193 90 A C
W3FQE 3,484 44 26 A C
N3RER 6,612 87 38 B A
W2BZR/3 276,556 1159 119 B B
KT3RR 239,750 959 125 B B
N3CZJ 80,348 379 106 B B
KA3ZPA 72,800 325 112 B B
4U1WB (AJ3M,op)
52,800 330 80 B B
N3TGB 12,870 117 55 B B
N3WIZ 7,396 86 43 B B
N3DUE 7,200 100 36 B B
KF3BN 5,112 71 36 B B
K3YJP 48 6 4 B B
N3HBX 457,520 1505 152 B C
K4CGY 200,592 796 126 B C
W3YD 52,866 297 89 B C
KF3BE 5,312 83 32 B C
AF3T 44,132 187 59 C A
WD3P 11,088 77 36 C A
W3DAD 155,200 396 97 C B
W3CP 136,808 345 98 C B
NY3M (+logger)
123,900 294 105 C B
W3CB 118,664 323 91 C B
N3UMA 69,864 852 82 C B
K1EFI 33,184 136 61 C B
W3GN 157,320 410 95 C C
N3AM 129,232 394 82 C C
K3SA 70,956 243 73 C C
WR3L (+K3FT,N3YHC,ops)
990,756 1206 234 D B
K3DI (+Packet Cluster)
127,762 289 127 D B
K3IXD (+Packet Cluster)
7,110 79 45 D B
K3MM (+Packet Cluster)
1,116,584 1335 254 D C
K3VOA (K3DNE,K3IXD,N3NT,W3LEO,
W6HZW,ops)
633,144 1001 222 D C
N3NT (+Packet Cluster)
134,048 287 142 D C

Western Pennsylvania

WO3Z 212,660 473 155 A B
K3DE 105,186 269 141 A B
WBØIWG 31,416 231 68 B A
K3CR (N3PBQ,op)
95,188 449 106 B B
N3MBC 6,020 86 35 B B
WA3GQU 768 32 12 B B
NI3I 191,040 796 120 B C
N3UE 76,570 403 95 B C
AD8J 30 5 3 B C
K3WWP 33,712 171 49 C A
AA3GM 2,356 31 19 C A
NB4J 49,400 189 65 C B
WA3SES 36,192 151 58 C B
W3HDH 8,056 53 38 C B
W3IA 5,888 64 23 C B
K3UA 444,080 910 122 C C
N3YVG (+N2YCW)
16,128 144 56 D B

4

Alabama

W4DEC 208,680 461 141 A A
KT4XA 7,056 68 42 A B
K4AB 1,321,644 1780 241 A C
AG4W 157,500 625 126 B C
NM4T 18,056 148 61 B C
KUØC 543,840 1029 132 C B
W4YNG 26,112 134 48 C B
WB4HUX 1,920 31 15 C B
K4NA 76,788 235 81 C C
K4JYO (+KV4T)
1,135,592 1928 241 D B

Georgia

W4KYW 52,480 182 80 A A
W4WA 967,434 1320 237 A B
KD3GC 163,856 525 133 A B
K4PK 20,416 133 58 A B
N4VMD 4,410 126 35 A B
K4EA 1,525,084 2174 274 A C
W1RR 1,185,106 1712 247 A C
KB4AI 755,244 1012 222 A C
KR4TG 67,518 341 99 B B
KF4MHY 38,560 241 80 B B
K9AY 13,328 119 56 B B
W3NSA (W4RA,op)
3,132 54 29 B B
W4DD 328,320 1216 135 B C
KD4HLV (+Packet Cluster)
5,100 75 34 B C
NN4S 179,960 407 110 C B
K4OGG 112,640 319 88 C B
K4TW 65,116 223 73 C B
AA4LR 172 43 1 C B
W4AN (+N9HZQ,KØDI)
1,920,116 2100 289 D B
K5AND (W4ATL,op)
(+K5AND,W4KXY,ops)
444,720 936 170 D B

Kentucky

KY4SA 39,388 228 86 A B
KO4OL 10,168 85 41 A B
K4WW 141,360 634 93 A C
KN4IV 19,040 170 56 B B
KF4RAV 1,936 44 22 B B
KD4CSW 1,640 41 20 B B
K4AT 35,860 161 55 C A
K2YJL 230,120 521 110 C B
KC4WQ 40,992 183 56 C B
KE4LIA 20,320 125 40 C B
KM4CH 20,160 120 42 C B

North Carolina

N4TL 1,520 33 19 A B
N4AF 1,099,104 1527 214 A C
K4MA 1,066,280 1607 230 A C
NT4D (+Packet Cluster)
403,370 696 193 A C
W4IDX 53,508 198 91 A C
N4ZAK/T 12,852 126 51 B A
K4TMC 110,876 523 106 B B
W8FIL 20,800 160 65 B B
N3QYE 10,400 130 40 B B
KF4RDP/T 5,880 84 35 B B
K4IJK 1,024 32 16 B B
K4WES 308 14 11 B B
N4ZC 637,760 1993 160 B C
AA4ZZ 524,790 1785 147 B C
NX9T 264,138 993 133 B C
NC4NC 220,592 811 136 B C
W4YDY 8,800 100 44 B C
N4MO 297,920 663 112 C B
W1UO 13,912 74 47 C B
K7GM 63,000 223 70 C C
WJ9B 40,068 158 63 C C
K3KO (+Packet Cluster)
673,184 896 218 D B
AA4R ((+Packet Cluster)
537,536 972 227 D B
W4WS (at WB4MSG)
(WB4MSG,N4VHK,ops)
192,096 424 174 D B
KE4EST (+KE4EUH,KF4LIA,KF4QCA,
KR4RR,KS4PX,KE4PTQ,ops)
29,796 191 78 D B
W4MR (N4CW,AA4NC,ops)
1,466,388 1769 253 D C

Northern Florida

W4SDE 104,940 351 106 A B
K4LDR 84,656 238 104 A B
WB4IHI 33,432 242 89 A B
WA4IMC 1,320 31 11 A B
WC4E 1,888,882 2457 281 A C
NU4Y 917,246 1379 241 A C
W7QF 110,080 304 128 A C
AE4TA 105,894 362 111 A C
KQ4YY 18,422 151 61 B A
W8MZ 6,000 75 40 B A
WA4VIY 34,400 215 80 B B
KE4MVK 7,396 86 43 B B
KX5U 2,200 44 25 B B
W9CNF/4 192 12 8 B B
K4XS 844,584 2703 156 B C
K4VUD 569,704 2006 142 B C
N4EK 123,552 528 117 B C
W4UEA 80,892 378 107 B C
W1LR 60,398 299 101 B C
NX4W 42,420 210 101 B C
KN4Y 238,800 597 100 C B
W1CW 6,600 54 30 C C

South Carolina

W4MEL 128,892 342 138 A B
KS4YX 48,332 232 86 A B
N1CC 17,748 100 58 A B
N4GJ 159,848 375 106 A C
KT4FP 33,936 168 101 B B
KC4LSG 11,232 117 48 B B
VE7CPN/W4 193,584 442 109 C B
WC4CW 159,848 375 106 C B
K4II 168,480 360 117 C C

Southern Florida

AJ4Y 568,752 968 204 A B
N4DL 507,036 1010 186 A B
NA4CW 328,560 555 185 A B
W4HRA 8,100 80 50 A B
W8RTU/4 1,092 26 21 A B
K1PT 1,505,204 1939 254 A C
W4OX 1,094,688 1832 216 A C
K4LM 906,160 1249 241 A C
AD4TR 791,184 1316 212 A C
W4ZW 513,316 808 181 A C
K4LQ 307,584 491 178 A C
N4TO 298,816 553 161 A C
W3AU 291,732 545 161 A C
WB2QLP 275,848 703 164 A C
K9HUY 131,120 319 149 A C
KS4GW 48,412 266 91 B A
W4UM 254,880 885 144 B B
WA8QYJ 163,268 686 119 B B
KR4YL 153,640 668 115 B B
WB2WIH 96,304 463 104 B B
KR4U 52,440 285 92 B B
K1DCB 44,820 270 83 B B
N3OIE 28,368 197 72 B B
N4LML 9,900 99 50 B B
W4CKT 512 16 16 B B
KF4AEQ (WA9LKZ,op)
32 4 4 B B
W4JAM 153,352 661 116 B C
KF4DTE 69,000 375 92 B C
KB1HC 64,862 287 113 B C
WD4AHZ 570,768 1078 132 C B
K2ACW 439,040 775 140 C B
K1TO 1,161,160 2001 145 C C
K4OJ 1,066,704 1876 142 C C
NN4X 1,066,176 1851 144 C C
N4BP 1,036,632 1835 141 C C
WB4OSN 55,584 193 72 C C
AE4RO (+AE4SW)
1,370,756 1644 263 D B
KT3T (+KT30)
259,602 736 147 D B
KF4GVL (+K0LCZ,K0LDA,KF4ULA,
KF4GHM,WV4H,ops)
23,944 156 73 D B

Tennessee

WO4O 664,020 946 210 A B
N4ZI 232,650 537 141 A B
NA4K 125,400 341 110 A B
WD4OHD 62,376 238 92 A B
N4USG 21,730 130 53 A B
KE4YBS 18,684 118 54 A B
KF4GFZ 9,184 105 41 A B
KE4OAR 2,016 28 24 A B
W4PA 1,345,920 1659 240 A C
K4RO 936,000 1594 195 A C
W4CAT (K1KY,op)
845,610 1305 213 A C
AC4ZD 31,320 156 58 A C
W4BSF 17,864 147 58 A C
KD4AWF 9,546 108 43 A C
KG4ABM 260 26 5 B A
AE4ZZ 80 10 4 B A
NY4T 109,830 523 105 B B
W4JH 49,396 233 106 B B
KD4VN 28,980 210 69 B B
KD4VWN 28,428 206 69 B B
KE4MCE 7,872 96 41 B B
K4JNY 442,236 1614 137 B C
W4TD 116,112 492 118 B C
AC4LS 51,490 271 95 B C
KF4ZR 340 17 10 B C
WM4U 70,176 256 68 C A
K4WX 538,752 1125 122 C B
N4UW 99,000 273 90 C B
W4TYU 40,320 167 60 C B
W9WI 601,224 1219 123 C C
K4LTA 500,760 961 130 C C
N4IR 399,000 798 125 C C
K4AMC 366,520 768 119 C C
KØEJ 356,960 775 115 C C
N4RG 182,952 461 99 C C
W4OGG 20,648 89 58 C C
KB4KC (AA5N,N4ZCO,K9DM,N4SG,
KU4NH,KB4KA,ops)
324,042 905 159 D B

Virginia
K4UK 137,970 311 135 A B
K4EP 121,208 337 139 A B
W4SD 101,848 249 116 A B
AD4DG 30,240 205 72 A B
KF4FXT 13,970 126 55 A B
N6MW 11,312 57 56 A B
AE4EW 11,088 69 44 A B
W4MYA 1,993,956 2464 267 A C
AI2C 593,476 1028 202 A C
N4GU 584,188 934 187 A C
W4YE 261,990 535 123 A C
K5VG 164,688 346 146 A C
W2YE 140,208 363 138 A C
N4PD 129,456 298 116 A C
W4HJ 61,824 184 84 A C
K4VV 40,528 173 68 A C
W3MGL 11,400 114 50 B A
KU4HN 23,400 180 65 B B
KU4PP 17,556 133 66 B B
KU4FP 16,120 124 65 B B
K1SO 12,100 110 55 B B
W4ONC 8,342 97 43 B B
K4BSF 5,110 73 35 B B
N4DEN 2,340 39 30 B B
N3ZYU 2,160 40 27 B B
KD4RSL 1,452 33 22 B B
N4MM 493,626 1533 161 B C
W4HZ 233,772 847 138 B C
KE4VA 49,224 293 84 B C
N4ROA 84,096 289 72 C A
K4GEL 28,992 150 48 C A
K4ORD 142,008 366 97 C B
K4BAM 120,280 310 97 C B
K1SE 111,584 315 88 C B
AD4TJ 60,152 204 73 C B
K4RDU 52,460 214 61 C B
KA4DAU 31,500 124 63 C B
W4SNH 27,392 105 64 C B
N3TG 19,584 96 51 C B
WU4G 305,976 667 114 C C
W4AU 195,536 483 101 C C
K4JM 72,864 260 69 C C
W4ZYT 51,376 169 76 C C
K4SO (+KT3Y,K5OF,ops)
1,621,532 2062 269 D B
KB4OLM/T (+W4PJW,N4ZFQ,KF4QZG, K4NRA,N4YET,KD4UPL,N3GLZ, WA4ITY,K2VJ,ops)
188,336 448 158 D B
WA4QDM (+Packet Cluster)
180,420 353 155 D B

5
Arkansas
AB5SE 409,016 792 172 A B
KG5RM 104,448 349 102 A B
KG5NE 125,984 508 124 B B
KC5QBG/N 30,912 276 56 B B
N5KG 16,820 145 58 B B
KM5G 471,040 1021 115 C C
W5HUQ 20,008 122 41 C C

Louisiana
W5WMU (KZ5D,op)
1,637,922 2298 253 A C
W5CTV 468 18 13 B A
AE5T 228,718 961 119 B B
AA5FJ 132,756 598 111 B B
K5MC 292,968 623 117 C B
N8RR 937,728 1579 148 C C
K1DW/5 23,940 131 45 C C
WM9M (+WD8LLR)
221,232 816 132 D B

Mississippi
K2FF 53,100 295 90 B A
N3AWS 17,820 162 55 B A
N5KGY 76,518 351 109 B B
KC5QFX 59,760 332 90 B B
KB5FET 7,560 84 45 B B
W5OXA 44,320 277 80 B C
N5QDE 41,220 229 90 B C
N5UE 55,480 189 73 C B
K5MDX (WQ5L,W5UE,N5FG,ops)
607,920 1319 170 D B

New Mexico
KB6SS 130,104 336 139 A B
W5GZ 68,816 374 92 B B
K5AM 126,326 761 83 B C
N5OW 163,200 504 80 C B
W5JRP 41,064 174 59 C B
W5YZ 187,008 483 96 C C

North Texas
N5VHO 7,326 97 37 A A
WA5VKS 39,128 253 73 A B
K5KJ 12,500 102 50 A B
N5JR 999,856 1481 253 A C
N5KB (+Packet Cluster)
157,536 468 144 A C
WK5K 74,800 237 100 A C
KK5KN 720 24 15 B A
W5CWQ 75,240 418 90 B B
W5RNF 58,464 348 84 B B
KC5AJX 29,232 203 72 B B
AC5OY 7,600 100 38 B B
KR1ZAN 5,880 105 28 B B
WN5D 5,104 88 29 B B
N5TLE 1,640 41 20 B B
N5TY 287,040 1196 120 B C
N5KM 233,104 857 136 B C
AA5NT 110,860 482 115 B C
W5RDX 105,646 523 101 B C
W5KQJ 22,968 198 58 B C
KM5LO 5,184 81 32 B C
NM5M 41,600 205 50 C A
WD5K 487,368 960 126 C B
KY5N 356,628 777 113 C B
AA5WH 314,600 712 110 C B
K5LH 226,368 518 108 C B
N5AW 187,872 454 103 C B
WQ5W 161,020 478 83 C B
W3DYA 52,080 207 62 C B
NR3E 32,640 168 48 C B
K6AZA 13,440 84 40 C B
N5NJ 5,724 53 27 C B
K5OT 499,776 1094 114 C C
W5FO 493,680 1016 121 C C
N5CMI (+K5WO,KD5DBL,WB2LMA, KB5SSV,ops)
736,506 1237 207 D B
KD5FUM (+K6AZA)
14,600 111 50 D B

Oklahoma
KC5UGX 11,088 94 42 A B
W5ZT 1,152 31 18 A B
N5RXF 161,120 1007 80 B B
WØRRY 155,648 608 128 B B
N5PMP 39,204 242 81 B B
W5OSU 32,804 278 59 B B
KA3TOP/T 22,960 205 56 B B
WB5GMK 34,704 241 72 B C
NA5B (W5AO,op)
643,452 1245 129 C B
W5WYN 135,464 1652 82 C B
K2BA 148,544 420 88 C C
KB1ZQ (+ N1LPN)
64,000 400 80 D B
KC5ORP (K0TYC,N5OHL,KC5GDC, N5PA,KC5YPB,KC5RYT,ops)
20,952 188 54 D B
N5UWY (+KB5TBX)
12,480 160 39 D B

South Texas
KG5U 398,424 726 156 A A
K5IUA 184,520 435 140 A B
N5DU 110,960 342 95 A B
AJ4F 55,272 220 84 A B
WX5I 54,054 245 99 A B
N5LF 44,676 194 73 A B
KØBCN 28,600 158 55 A B
N5RP (+Packet Cluster)
25,896 135 78 A B
K5LZO 14,190 79 55 A B
K5NZ 1,406,904 2003 244 A C
N5LZ 1,328,880 1943 226 A C
N5ZK (W5ASP,op)
1,028,720 1557 220 A C
N5TU 464,744 905 172 A C
K5DU 2,016 27 24 A C
K5NA 1,722 34 21 A C
W5MN 470,820 1171 177 B B
K5DX 446,970 1585 141 B B
WA5IYX 187,790 1055 89 B B
W5BXX 73,040 415 88 B B
KA5BKG 46,752 487 48 B B
K9VX 35,500 250 71 B B
KC5RPF 32,256 288 56 B B
N5AF 32,130 255 63 B B
KC5PCB 29,510 227 65 B B
N5YK 21,318 187 57 B B
NN5O 20,520 180 57 B B
NA4M 10,220 146 35 B B
K5EM 8,820 105 42 B B
K5TR (at W5KFT)
923,214 3057 151 B C
KZ5MM 799,876 2597 154 B C
N4GCA 37,976 404 47 B C
KC5AK 35,250 235 75 B C
K5LBU 15,476 146 53 B C
K5SZ (K5NU op)
757,188 1524 123 C B
K5HDU 32,040 174 45 C B
N3BB 165,440 470 88 C C
W5BA 89,100 275 81 C C
AF5Z 30,200 151 50 C C
NX5M (+N5XJ,KB5ZFO,N5JA,N5XT, NX5N,ops)
2,079,930 2720 267 D B
K5XI (W5BAK,DL3YEH,IK2MRZ,ops)
1,208,400 1876 228 D B
N5MT (+Packet Cluster)
260,958 618 183 D B
K4NR 181,016 467 121 D B

West Texas
KO5D 146,802 355 129 A B
WB4UIC 13,440 280 48 A B
W5WTX 46,056 303 76 B B
N5XXD 8,160 102 40 B B
AE5B 64,134 252 63 C B
NZ5M 27,520 159 43 C B

6
East Bay
K6XV 198,712 608 118 A B
KE6DSQ 31,266 190 81 A B
K6JOX 527,360 1207 160 A C
W6CUS 55,512 352 79 A C
WA2BHJ 29,252 120 71 A C
KK6WT 36,312 267 68 B B
KG6HM 20,416 176 58 B B
KI6OY 18,054 177 51 B B
KF6BIR 28,380 215 66 B C
W7GKF 155,540 497 77 C C
N6VV 61,600 400 77 C C

Los Angeles
K6RO 780,536 1599 172 A B
W6KC 175,348 560 118 A B
N6GL 97,512 290 102 A B
K6ZCL 77,778 409 87 A B
N6TCZ 2,400 40 21 A B
K6LA 1,299,600 2211 200 A C
KE6FCT 77,448 461 84 B B
KD6OZH 67,164 386 87 B B
WB6NFO 31,160 164 95 B B
W6FFH 19,720 170 58 B B
KC6G 17,516 151 58 B B
K6LMN 2,852 46 31 B B
KF6JFG 281,400 1340 105 B C
K6BUM 185,504 1054 88 B C
KQ6QW 96,624 549 88 B C
WA7BNM 213,312 603 88 C B
W6BIV 130,500 429 75 C B
KQ6ES 92,664 346 66 C B
W6DDB 38,164 195 47 C B
KU6T 26,656 136 49 C B
WA6BOB 18,000 100 45 C B
KQ6TI 13,580 97 35 C B
N6MD 7,424 58 32 C B
K6SE 474,804 1194 99 C C
W6YRA (WA6AYI,KU6T,ops)
12,920 115 34 D B

Orange
KF6GUH 111,300 335 105 A B
WA6GFR 14,522 108 53 A B
K6GEP 3,422 47 29 A B
W6KK 655,980 1286 174 A C
KG6OK 93,750 311 125 A C
K6NR 20,628 101 54 A C
AC6WD 203,200 1016 100 B B
KE6FQC 26,108 214 61 B B
W6TKV 67,050 447 75 B C
W6ZQ 55,748 362 77 B C
WW6O 29,394 213 69 B C
KE6WOX 2,904 32 22 C A
N6RT 92,856 318 73 C B
WA6RND 22,560 120 47 C B
K2PLF 243,208 704 86 C C
AA6PW 196,000 698 70 C C
KE6UPK (KE6VEC,KD6PCC,KE6BAC, N6RQK,KF6GUH,ops)
2,236 43 26 D B

Santa Barbara
WA6FGV 228,854 542 127 A A
W6VM 177,786 633 119 A B
W6BKY 31,488 144 64 A B
W6TK 460,248 1066 151 A C
KF6NNX 4,092 62 33 B A
W6ND 31,524 222 71 B B
KQ6XL 24,822 197 63 B B
KF6DBW 12,192 127 48 B B
N6HK 25,056 116 54 C B
WA5VGI 377,340 992 95 C C
W7CB/6 316,032 819 96 C C

Santa Clara Valley
N6NF 279,840 860 106 A B
W6ISO 252,434 708 133 A B
K6PUD 223,080 543 130 A B
W6PLJ 164,000 439 125 A B
AA6W 5,040 51 24 A B
K6GT 422,840 900 155 A C
AD6A 56,072 210 86 A C
K6XX 33,936 155 56 A C
N9UXU 8,364 102 41 B A
KQ6OB 60,792 447 68 B B
K6EP 36,660 282 65 B B
AC6LK 30,888 234 66 B B
N2ALE 10,170 113 45 B B
K6HNZ 456,660 1935 118 B C
KB6FPW 8,432 61 34 C A
WD6DX 102,752 334 76 C B
AJ6V 4,136 47 22 C B
K6AW 656,208 1516 108 C C
N6ZB 369,396 981 93 C C
WØYK 176,712 597 74 C C
KF6A 148,680 589 63 C C
K6III (+Packet Cluster)
263,780 636 109 D B

San Diego
N6VH 50,568 207 86 A B
WA7JHQ 19,530 110 45 A B
KD6QK 36,036 286 63 B C
AA6EE 18,648 111 42 C C
K6HAI (KA6UCD,WB6BDY,WA6EOO, KB9DD,WB6LLO,N6UN,N6GZI, W6EHR,ops)
47,880 210 84 D B
NR6R (N6KI,WB9RKN,AK6R,K6AM,ops)
1,206,636 2204 193 D C

San Francisco
K6UM 303,380 689 154 A B
AD6EN 39,888 156 72 A B
W6ESJ 21,000 150 70 B B
WN6W 55,808 215 64 C A
KB6ZA 54,944 202 68 C B
K6WC 104,512 364 71 C C

San Joaquin Valley
N6MU (at N6NB)
677,694 1222 179 A A
NT6K 210,940 689 106 A B
KF6JSP 20,584 159 62 A B
KA6BIM 736,736 1747 182 A C
W7XK (W6XK,op)
174,018 897 97 B B
N6IFW 25,536 228 56 B B
KI6PG 11,232 117 48 B B
N6EE 249,060 1186 105 B C
WA6ALA 37,596 241 78 B C
N6TNW 3,496 76 23 B C
K6MI 16,000 100 40 C A
NI6G 309,024 883 87 C B
KM6YD 103,016 318 79 C B
NK6F 48,384 212 56 C B
NM6R (+KD6KKP,KB6FEE)
774,400 1830 160 D B
W6UC 208,740 1065 98 D B
W6TE (+WA6LUT)
110,592 576 96 D C

Sacramento Valley
WN6HYX/N 54,896 214 73 A A
W6UT 677,120 1413 160 A B
K6FO 240,808 529 124 A B
N6JM 155,740 453 130 A B
KE6QXJ 119,328 386 113 A B
KQ6WT 4,032 82 24 A B
KO6DJ 2,960 39 20 A B
KI6T 218,964 490 142 A C
ND6S 206,160 615 120 A C
K6RC 147,088 426 116 A C
N6AFI 6,402 194 33 A C
K6KAY 314,152 1468 107 B B
W6QEU 194,412 953 102 B B
N6WR 51,450 343 75 B B
KF6OBS 15,708 154 51 B B
KO6IS 14,300 130 55 B B
N6QPF 836 22 19 B B
KI6CG 272,544 1336 102 B C
N6JV 242,556 685 87 C B
W6RFF 142,800 475 75 C B
K6BPB 18,304 100 44 C B
W6RKC 16,800 105 40 C B
K7BV 696,192 1560 111 C C
K6NO 317,856 901 88 C C
W6NKR 84,388 287 73 C C
K6SG 13,248 138 24 C C
N6ZS (+Packet Cluster)
1,155,824 2435 188 D B
K6GV (+Packet Cluster)
35,072 274 64 D B

7
Alaska
KL1R 40,800 200 51 C B
KL5T (+KL7TS)
224,020 597 115 D B

Arizona
AA6TY 104,236 314 103 A A
N7JXS 53,724 258 66 A A
W7ZT 27,028 145 58 A B
KC7ZRH 68,586 497 69 B B
W7ZK 60,904 331 92 B B
NQ7X 43,766 277 79 B B
WE6G 41,454 329 63 B B
KK7LU 29,264 236 62 B B
W7MC 26,268 199 66 B B
KC5AC 15,184 146 52 B B
KE7RQ 6,160 88 35 B B
K7TR 5,832 81 36 B B
WA7VHF 4,590 85 27 B B
K6LL/7 887,220 3286 135 B C
W7WW 594,154 2629 113 B C
W7IC 280,800 1404 100 B C
NF7E 44,530 365 61 B C
K7LY 44,064 270 81 B C
N7VY 146,556 515 69 C A
W5VBO 93,080 353 65 C A
W7YS 248,064 603 102 C B
KY7M 128,760 435 74 C B
NN7A 33,904 160 52 C B
W2HTX 3,344 38 22 C B
KC7V 228,608 608 94 C C
W1XT 38,808 154 63 C C
NM7I (NU7I,K7ON,ops)
763,648 1408 157 D B
W7IBM
(WA2DKF/3,N2ADN,DD2KNX,VE3GNX,SQ2NVS,QF,ops)
742,316 2019 151 D B
N7UJJ (+logger)
71,928 444 81 D B
K7RFM (+K7MPM)
41,118 267 77 D B

Eastern Washington
W7PQE 154,956 448 111 A B
KD7CPO 18,312 116 42 A B
W7LGG 49,470 241 97 A C
WS7V 192,952 1084 89 B B
AA7RT 38,340 270 71 B B
W7AVA 4,278 69 31 B B
K7FR 4,240 53 20 C A
WB7UPU/T 195,932 653 73 C B
K7JAR (AB7IR,
N7CKJ,N7YRT,WA7FRO,ops)
58,720 324 80 D B

Idaho
W7ZRC 521,118 1318 131 A B
K7UZ 291,612 983 114 A B
K7MK 52,822 295 77 A B
AA7UN 357,588 1159 129 A C
K7ZO 142,844 871 82 B B
KW7N 50,400 400 63 B B
KC7ESB 24,100 241 50 B B
KJ7XK 8,352 116 36 B B
N7PI 318,360 1516 105 B C
KA7T 252,672 752 84 C B
WO7Y 56,320 254 55 C B
WX7G 26,100 145 45 C B
KK7A 10,692 99 27 C B
KJ7TH (+KD7AKN)
269,036 1306 103 D B

Montana
K7BG (+Packet Cluster)
579,348 1227 154 A C
AB7RS 169,078 929 91 B B
K7VK 64,800 400 81 B B
K7JVT 14,036 121 58 B B
W7BHP 5,382 69 39 B B
KC7MZT 1,012 20 11 C A
N7MSU 39,852 243 41 C B
KS7T 152,760 570 67 C C
W7ED 584,586 1691 141 D B

Nevada
N7CQQ 33,800 338 50 B B
K3ESS 10,080 112 45 B B
KC7DYY 2,208 46 24 B B
KC6UCN 2,132 41 26 B B
KM7TM 165,074 907 91 B C
KU7Y 134,300 421 79 C A
N7YK 344,000 860 100 C B
K7GJ 792,048 1704 116 C C
NN7NN (K6XN,W6NW,N6MAW,ops)
401,360 1084 145 D B

Oregon
KT7S 1,680 41 21 A A
W7WHY 420,240 927 136 A B
KI7Y 383,760 752 156 A B
N7VS 14,664 114 39 A B
W7GG 1,124,800 2637 185 A C
K4XU/7 486,572 1166 103 A C
K7NT 123,018 347 101 A C
K7VIT 43,928 323 68 B B
WB7TIR 24,062 227 53 B B
N7SRN 10,856 118 46 B B
W7IMP 7,938 63 63 B C
N7OU 397,296 1063 93 C B
N7OR 311,376 998 78 C B
K7ZZ 271,080 740 90 C B
W7PXL 8,288 68 28 C B
KA7V 385,548 1083 89 C C
N7HV (N7EAT,K7EW,N7ATM,ops)
782,460 2012 161 D B
AA7LE (+KC7WVT)
65,598 244 87 D B

Utah
N1BR/7 110,080 688 80 B B
KA2BIG/7 85,920 537 80 B B
K7XE 46,632 268 87 B B
W8EQA 150,416 471 79 C B
W7HS 128,160 357 89 C B
AK7O 25,368 151 42 C C
KO7X (+W7CT,NG7M,ops)
1,081,530 1943 197 D B
NS7B (+NS7K,N6GDS,KB7RUQ,ops)
363,840 848 160 D B

Western Washington
W7CD 65,120 238 88 A A
N7LOX 687,300 1459 158 A B
K7NPN 475,728 1163 132 A B
W7QN 359,100 911 133 A B
AD7U 330,480 752 136 A B
KK7GW 87,472 322 77 A B
NA7R 49,896 200 81 A B
W7RM (K5ZM,op)
812,130 2033 165 A C
WQ7A 90,958 511 89 A C
KC7MIQ 2,208 42 24 A C
KB7UXP 43,656 321 68 B A
W7NN 111,552 664 84 B B
W7PE 78,280 412 95 B B
KI7XA 23,004 213 54 B B
KD7CFF 456 19 12 B B
K7RI 577,656 2556 113 B C
K7CAR 350,200 1751 100 B C
N6HR 115,200 600 96 B C
N7QNO 61,466 421 73 B C
WB7BST 22,686 199 57 B C
KE7SW 17,980 155 58 B C
K7SY 66,348 289 57 C A
K7QQ (+Packet Cluster)
631,840 1425 110 C B
W7OM 311,424 807 96 C B
AB7RW 111,780 401 69 C B
KB7N 100,156 339 73 C B
KD7LJ 20,280 130 39 C B
W7VJ 651,920 1400 116 C C
NX7K 461,288 1057 109 C C
N7PP
(W7BUN,K7DOE,KB7QOP,WB7DF,ops)
336,600 1870 90 D B
NØAX (+Packet Cluster)
3,920 50 20 D B

Wyoming
NQ7R 5,780 70 34 A A
KB7RKZ 89,820 341 63 A B
KS7WY 2,640 54 24 A C
KA7PNH 274,040 1612 85 B B
N7JT 45,032 433 52 B C

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Michigan
WD8S 181,044 446 141 A B
KB8OWT/N 162,176 658 112 A B
K8OT 85,012 268 106 A B
KMØW 53,584 240 68 A B
NE8I 22,330 148 55 A B
N8MG 20,196 101 66 A B
WB8HBJ 14,700 100 42 A B
N8VEN 12,420 95 45 A B
N8WTH 7,544 89 41 A B
WA8OLD 6,270 94 33 A B
KC8IUL 1,900 37 25 A B
W8JY 301,664 625 176 A C
KB8OWS/N 76,908 442 87 B B
AA8VG 47,748 346 69 B B
KB8QO 40,800 240 85 B B
KF8JA 21,830 185 59 B B
KE8UM 6,104 109 28 B B
KE8FO 5,576 82 34 B B
K8IKW 2,958 51 29 B B
WA8YLZ 520 20 13 B B
N8TDH 252 14 9 B B
AA8PA 259,840 1015 128 B C
K8DJR 96,800 484 100 B C
KG8HZ 59,160 340 87 B C
K8LJQ 129,204 327 97 C A
N8AP 121,088 341 88 C A
K8CV 24,000 125 48 C A
K8ER 195,804 439 111 C B
W8DIO 77,952 928 84 C B
K8IR 70,744 238 74 C B
K8SIA 66,360 237 70 C B
W8WVU 10,064 65 37 C B
KC8JUZ/N 6,804 63 27 C B
N4AR 605,696 1183 128 C C
KT8X 323,952 794 102 C C
W8QM 44,488 664 67 C C
ND5S/8 (+Packet Cluster)
459,030 685 195 D B
K8DAC (+KC8KUQ,KC8LBH,ops)
41,184 264 78 D B

Ohio
N8XA 37,884 191 82 A A
W8UPH 268,624 510 163 A B
W8VE 79,456 234 104 A B
K8KR 70,470 323 87 A B
K8LN 38,924 202 74 A B
KC8IYG 10,764 104 39 A B
KB8VJL/T 9,316 73 34 A B
N8JIW 616 44 14 A B
NC8V 226,200 545 156 A C
K8MR 108,576 288 117 A C
KG8DH 97,860 299 105 A C
WZ8A 39,192 186 71 A C
N8MWK 62,472 274 114 B A
W8SA 166,660 641 130 B B
N6WLX 145,034 571 127 B B
KE8KT 140,760 690 102 B B
KC8BZV 43,260 210 103 B B
N8XWO 37,422 231 81 B B
WJ8C 31,600 200 79 B B
KI8CS 26,928 198 68 B B
KC8HWV 26,496 184 72 B B
K8VUS 25,276 178 71 B B
KA8PTT 21,352 157 68 B B
K8ME 21,080 155 68 B B
W8TTS 20,020 152 65 B B
W8KYZ 15,660 135 58 B B
KB8UUZ 14,850 135 55 B B
KE8TQ 11,200 100 56 B B
N8SSE 9,540 106 45 B B
KC8JNC 5,616 78 36 B B
WT8E 3,358 73 23 B B
KC8JYU 2,392 46 26 B B
KC8CSD 1,800 30 30 B B
N8TR 479,520 1620 148 B C
WD8SDL 116,880 487 120 B C
W8KEN 78,750 375 105 B C
N8KOJ 70,180 319 110 B C
WD8JLM 32,640 204 80 B C
W8NPF 18,774 149 63 B C
NA8W 12,054 123 49 B C
WD8AJF 1,700 50 17 B C
KD8FW 32,752 175 46 C A
N8BJQ 484,652 908 133 C B
N8DCJ 468,720 941 124 C B
NØBC 296,560 672 110 C B
WA8RCN 294,704 645 113 C B
WA8YRS 177,460 466 95 C B
W8PN 109,080 1212 90 C B
N8WS 107,244 330 81 C B
W4NTI 90,384 267 84 C B
N8AA 83,300 244 85 C B
K8ZW 60,672 236 64 C B
N8CPA 33,220 151 55 C B
W8DHG 16,892 102 41 C B
W8IDM 16,104 121 33 C B
N8IRS/T 1,288 22 14 C B
W8AV 697,992 1373 127 C C
KF8TM 287,820 581 123 C C
WA8TNO 254,380 550 115 C C
W8CAR 226,480 595 95 C C
WT8P 138,684 379 91 C C
K8WW 62,700 208 75 C C
AF8C 17,952 102 44 C C
K8IW 6,240 59 26 C C
K8AZ (+Packet Cluster)
2,020,304 2390 286 D B
KA8PGV (+KB8KPL, N8JBG)
70,560 360 98 D B
N8NR (+N9AG)
1,215,890 1734 235 D C

West Virginia
K5IID 530,024 811 209 A B
K2UOP 441,674 771 197 A B
KJ8J 67,340 224 91 A B
N8YYS 45,568 173 89 A B
K8OQL 869,414 1300 221 A C
W8TL 85,860 405 106 B B
KB3AUG/8 122,960 530 116 B C
N4SEA 119,476 502 119 B C
N8UBK 18,612 141 66 B C
N8FXH 18,070 139 65 B C
N8UBH 588 21 14 B C
WA8WV 114,988 321 89 C A
K8OWL 20,700 114 45 C A
K3JT 547,428 1023 133 C B
KV8S 257,640 567 113 C B

N8II 656,304 1243 132 C C

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Illinois

K9OM 202,940 462 139 A A
W9RM 111,000 299 125 A B
N9VVV 97,940 310 118 A B
N9GH 88,044 365 87 A B
WA9CCQ 55,104 328 84 A B
W9IL 11,008 74 43 A B
WE9A (+WI9X,KI9A,ops) 690,272 1190 212 A C
K9ZO 444,180 897 165 A C
WA9BXB 102,616 318 101 A C
KE9NA 191,634 779 123 B B
NW9V 116,936 311 188 B B
W9GG 76,540 445 86 B B
KF9TI 35,392 224 79 B B
N9MBK 31,034 263 59 B B
W9BZP 22,500 150 75 B B
N9TUQ 15,402 151 51 B B
N9VKE 14,444 157 46 B B
W9NHX 12,264 146 42 B B
WA9RIJ 8,512 112 38 B B
W9YS 6,256 92 34 B B
KB9PQV 4,590 85 27 B B
W9CEJ 3,696 77 24 B B
AA9QT 3,384 94 18 B B
N9XBG 2,600 50 26 B B
W9LYN 990 33 15 B B
WA9SOV 980 35 14 B B
N9XGC 910 35 13 B B
W9PMJ 528 24 11 B B
N2BJ 666,988 2009 166 B C
K9HMB 661,964 2267 146 B C
N9LCR 91,884 494 93 B C
KA9FAJ 62,172 198 157 B C
WA9AW 28,944 216 67 B C
KB9QFO 5,112 71 36 B C
KB9CYL 3,402 63 27 B C
N9YCT 2,160 60 18 B C
K9QVB 510,240 1061 120 C B
WO9S 269,040 587 114 C B
K9GY 105,600 298 88 C B
K9YAX 81,324 250 81 C B
AK9Y 33,516 147 57 C B
N9NT 31,556 160 49 C B
W9VA 30,392 130 58 C B
W9OF 387,920 741 130 C C
W9YYG (+Packet Cluster) 357,216 728 122 C C
K9DX 177,816 479 93 C C
K9BG 128,928 408 79 C C
K9UQN 86,944 285 76 C C
K9MOT (AA9AE,K9PW,K9RJZ,N4SIZ, N9KNS,ops) 139,496 658 106 D B
NO9Z (+Packet Cluster) 522,192 988 132 D C

Indiana

KB9THU 410,550 738 175 A B
WT9U 216,108 454 138 A B
K9IU 119,180 350 118 A B
K9FT 17,444 114 49 A B
KG9HG 9,248 115 34 A B
W9RE 971,960 1472 220 A C
WN9O 485,940 1151 195 A C
W9YB (AD4OS,op) 21,808 128 58 A C
K9MI 11,526 100 51 A C
WA1MKE 28,032 219 64 B B
WD9ATU 10,922 127 43 B B
N9QIL 50 5 5 B B
W9NY 294,528 1248 118 B C
KC9OP 80,640 384 105 B C
K9DIY 912 20 12 C A
K9JWI 15,600 150 26 C B
KBØC 7,040 55 32 C B
K8LEE 515,124 1046 123 C C
W9SN 259,740 585 111 C C
N9RV (+W8LVN) 842,964 1275 199 D B

Wisconsin

N9NE 181,742 436 121 A A
AF9J 5,014 65 23 A A
K9KR 94,848 359 114 A B
KB9TTO 4,980 68 30 A B
KA9FOX 3,848 73 26 A B
W9GSV 1,218 48 7 A B
W9XT 626,000 1024 200 A C
AA9RR 37,128 163 84 A C
W9VZR 578 17 17 B A
N9PQU 162,624 726 112 B B
N9ISN 136,648 589 116 B B
N9NUN/T 113,088 589 96 B B
WB9PUB 26,928 204 66 B B
KA9JCP 25,680 214 60 B B
KB9LIE 6,784 106 32 B B
W9WTF 6,600 100 33 B B
N9LYV 324 27 6 B B
KB9CPZ 30 5 3 B B
WØAIH 656,656 2132 154 B C
WE9V 172,270 749 115 B C
W9YCV 1,218 29 21 B C
KB9S 478,936 912 131 C B
W9OP 267,424 544 122 C B
AF9DX 72,000 250 72 C B
N9CIQ 71,040 221 80 C B
W9MSE 48,832 217 56 C B
W9HR 34,040 230 37 C B
N9EZ 16,320 102 40 C B
N9GBB 5,508 50 27 C B
K9MA 362,024 770 118 C C
K9DAF 65,664 227 72 C C

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Colorado

WØAH 457,568 938 158 A A
K9BWI 599,886 1158 161 A B
WØRA 445,078 968 139 A B
NØKE 121,434 340 111 A B
KBØYGD 105,844 522 94 A B
WØSG 9,546 64 43 A B
N5ZR 5,346 71 33 A B
KØKE 1,373,188 2320 211 A C
WØZP 427,990 1001 127 A C
KTØDX 262,680 1194 110 B A
KØRI 51,450 343 75 B A
KIØII 34,220 290 59 B A
WAØJYC 9,800 98 50 B A
KFØUR 250,152 1489 84 B B
KAØWWT 230,926 1121 103 B B
K5GAY 142,560 810 88 B B
WA3COS 28,160 220 64 B B
NØVAO 24,000 200 60 B B
WØCBH 19,110 147 65 B B
KIØND 14,812 161 46 B B
NØLER 4,992 104 24 B B
NØXMI/T 556 139 2 B B
K9MWM 273,960 1522 90 B C
K1OG 30,100 175 43 C A
KIØG 26,544 157 42 C A
NØQT 13,912 94 37 C A
ACØS 150,288 404 93 C C
N7DR 131,316 354 93 C C
KCØCOP 9,164 78 29 C C
AEØQ (+N0HF) 1,121,040 1897 180 D B
KØGAS (+KJØG) 478,224 1102 162 D B
NØLM (W0NT,W0ETT,W0CBH,ops) 335,700 690 150 D B
KØDU (+K0UK,K0CL, ops) 1,396,508 2453 218 D C

Iowa

KØVSV 19,924 146 34 A B
WBØB 14,592 100 48 A B
ADØH 10,290 84 35 A B
NEØP 7,424 75 32 A B
KØSRL 2,360 47 20 A B
NØNI (+W0FLS,WO0V,N0AC,N0AMI,ops) 1,600,560 1963 260 A C
KØXG (+K9WA,NN9K,K2DRH,KE0FT, KB0KRO,ops) 1,260,996 1656 246 A C
NØAIE 106,700 550 97 B B
KAØDUH 49,938 287 87 B B
WNØG 37,830 291 65 B B
KBØOTD 6,208 97 32 B B
WBØSNL 5,610 85 33 B B
WØETC 394,520 1409 140 B C
KØFG 46,872 252 93 B C
WØPPF 30,750 205 75 B C
NUØQ 103,976 315 82 C B
WØOF 4,080 59 17 C B

Kansas

WBØYJT 101,926 389 113 A A
KØBJ 276,120 564 156 A B
KBØWPY 80,776 374 92 A B
KBØMZG 756 26 14 A B
NØVMW 15,162 133 57 B B
KAØEIC 3,712 64 29 B B
KØLLS 2,464 44 28 B B
KKØSS 487,296 1728 141 B C
NØUU 129,024 575 112 B C
KØIEW 13,992 132 53 B C
WØCEM 12,980 118 55 B C
KØRY 46,728 176 66 C B
KGØUA 183,040 435 104 C C
KØZM (+K0VBU,K0VXU,ops) 1,052,128 1574 196 D C

Minnesota

KØPC 167,552 421 119 A A
WØUC 61,748 237 86 A B
WAØVHX 57,672 330 81 A B
NØPFY/T 29,568 181 64 A B
KØMPH 16,146 140 39 A B
KØTT 1,047,102 1838 233 A C
KØKX 620,762 875 211 A C
KØAD 215,390 564 119 A C
NØIJ 4 1 1 A C
NØKLV 2,160 60 18 B A
ACØW 281,520 1035 136 B B
KCØCN 103,550 545 95 B B
NØMSB 69,888 336 104 B B
NØWE (+KB0SAA) 33,000 220 75 B B
KAØDAQ 19,488 168 58 B B
KBØJDJ 11,136 116 48 B B
NØZHJ 5,220 90 29 B B
KFØUK 4,608 95 24 B B
KBØVCV 3,584 64 28 B B
KCØCJP 2,300 50 23 B B
KBØOQQ 1,792 56 16 B B
KØVPR 32,800 200 82 B C
AAØGP 336 21 8 B C
NØUR 180,120 469 95 C A
WØQF 5,628 67 21 C A
WØGXQ 120,288 353 84 C B
W9DYQ 65,472 247 66 C B
WØHW 32,780 150 55 C B
WØPI 20,860 148 35 C B
WBØMAO 16,400 100 41 C B
KØTG 9,984 76 32 C B
KØIR 638,304 1303 122 C C
KNØV 260,820 621 105 C C
WAØRBW 24,192 126 48 C C
KTØR (+Packet Cluster) 437,340 992 185 D B
KFØGV (+N0LIW) 272,384 1064 128 D B
NØWEZ (+KB0LBS,KB0JDX,AA0AW, AA0WD,ops) 263,568 602 152 D B
NØAT (+Packet Cluster) 256,276 528 158 D B
KRØB (+Packet Cluster) 117,496 770 76 D C

Missouri

KØMLH 21,728 184 56 A B
WØYZZ 48,356 230 77 A C
NØMII 784 28 14 B A
KØHOF 140,676 617 114 B B
N9TRO 58,872 446 66 B B
KØDAT 23,664 174 68 B B
NØXR 6,784 106 32 B B
KEØK 2,600 65 20 B B
N6TDM 131,340 597 110 B C
K2HT 18,576 104 43 C A
KCØM 8,500 84 25 C A
KØNI 4,224 44 24 C A
KØRWL 53,100 225 59 C B
N5OE 46,368 184 63 C B
KØGQF 30,720 160 48 C B
K7TTF 23,744 111 53 C B
KØCA 23,668 95 61 C B
K2VV 1,039,324 1814 143 C C
KSØM 79,872 255 78 C C
KIØLO (+Packet Cluster) 12,920 170 38 D B

North Dakota

WBØO 1,613,988 2737 214 A C
KIØE 45,360 252 45 C B
KØVX 58,480 215 68 C C

Nebraska

KØIL 38,624 159 71 A B
WNØL 25,900 143 50 A B
KØGND 145,728 736 99 B B
KBØWHY 40,256 296 68 B B
KC7KDZ 20,160 180 56 B B
KBØURX 2,058 49 21 B B
NØWJV 1,560 39 20 B B
KKØDX 500 25 10 B B
NØLGU 27,816 228 61 B C
KAØT 21,216 204 52 B C
KTØK 224,652 576 97 C B
AAØW 880 80 11 C B

South Dakota

KBØPPA 1,862 49 19 B A
WBØULX 9,776 104 47 B B
WØSD 634,176 2202 144 B C
KFØFN (+WD0T,KB0SBC,ops) 710,418 1651 167 D C

Maritime-Newfoundland

VE1AI 71,424 223 96 A A
VE1ZJ 435,344 753 184 A B
CG1AOE 211,758 1078 87 A B
VO1HE 12,960 120 54 B B
VO1RE 2,726 47 29 B B
CJ1WET (VO1WET,op) 325,252 1333 122 B C
VO1MP 529,496 1092 121 C B
VE1EX 5,200 52 25 C B

New Brunswick

VE9AA 291,096 789 156 A C
VE9FX 79,990 421 95 B B
CG9DXR (VE9DXR,op) 45,194 383 59 B B
VE9WH 27,336 201 68 B C
VE9DX 254,800 637 100 C B

Quebec

CG2AWR 208,514 468 137 A B
VE2WAT 124,634 323 101 A B
VE2AYU 216,064 477 128 A C
VE2SAI 49,984 352 71 B B
CG2GWL 16,016 143 56 B B
VE2BO 988 19 13 C A
VE2FFE 20,972 107 49 C B
VE2BWJ 5,060 59 23 C B

Ontario

VE3XN 599,664 1090 208 A B
VE3STT 450,252 755 198 A B
VE3OM 167,184 349 129 A B
VE3FMC 42,486 228 73 A B
VE3OIL 34,650 173 75 A B
VE3RM 713,024 1436 208 A C
VE3KZ 461,440 767 206 A C
VA3SWG 16,416 144 57 B A
VE3SRE 117,448 554 106 B B
VE3WIB 89,240 460 97 B B
VE3BUC 52,962 291 91 B B
VE3XO 525,096 1716 153 B C
VA3TT 233,480 898 130 B C
VE3HG (VA3GGF,VE3QSK,ops) 69,350 365 95 B C
CG3DO 952 28 17 C A
VE3KP 261,792 605 108 C B
VE3IAY 98,880 308 80 C B
VE3WZ 73,920 230 80 C B
VE3VFR 400,488 813 123 C C
VE3QAA 241,920 576 105 C C
VE3ZT 121,452 347 87 C C
VA3RU (+Packet Cluster) 1,157,216 1598 232 D B
VE3EJ (+Packet Cluster) 207,088 375 172 D B
VE3SAU (VE3FHU,VE3OJN,VE3TGM, VE3SXE,ops) 53,820 299 90 D B

Manitoba

CG4GV 325,800 823 150 A B
VE4MG 47,804 290 74 A B
VE4AAU 22,080 147 60 A B
VE4RP 6,292 121 26 B B
VE4JB 127,200 424 75 C C

Saskatchewan

VE5SF 592,000 1360 148 A B
VE5CPU 303,688 1228 116 A C
VE5MX 7,420 71 35 A C
VE5FN 111,408 633 88 B B
VE5GC 270,336 768 88 C B
VE5AAD 214,912 727 73 C B
CG5TZ (VE5FA,VE5FD,VE5CMA,ops) 581,024 1636 134 D B

Alberta

CG6WQ (VE6WQ,op) 630,468 1512 166 A C
VE6IM (VE6LDX,op) 129,356 886 73 B B
VE6TPB 25,312 226 56 B B
VE6JY 405,052 1546 131 B C
VE6FI (VE6AQ,op) 142,650 951 75 B C
VE6BF 64,960 228 70 C A
VE6EPK 122,976 488 63 C B
VE6AO (VE6EX,VE6KC,VE6RSX, VE6JKZ,VE6NTF,VE6TC,ops) 592,380 1497 135 D C

British Columbia

VE7SK 93,436 348 94 A A
VE7NF 421,056 1107 136 A B
VE7FJE 154,028 504 76 A B
CG7VDX 169,128 972 87 B B
VE7XO 40,524 307 66 B C
VE7XF 84,384 289 72 C B
VE7ARD 5,766 93 31 C B

Northwest Territories

VE8EV (+Packet Cluster) 36,288 317 56 D B