

# 2011 ARRL November Sweepstakes (Phone) Scores

Within each Section, scores are listed in descending order by entry category, with single ops followed by multioperator. Line scores list call sign, score QSOs, multipliers, hours, class (B = High Power, A = Low Power, Q = QRP, U - Single Unlimited, M = Multioperator, S = School Club).

## 1

### Connecticut

N2GZ (+ K1JR & KC2WQO)	32,604	209	78	ML
W1KF	26,860	170	79	UL
K1LEE (+ KD2BCE)	12,720	120	53	ML
KA1HVR (+ KB1NQO & KB1NQN)	2,900	50	29	ML
W1WEF	149,468	946	79	B
W1TR	90,850	575	79	B
K1RM	86,286	591	73	B
WV1M	79,680	498	80	B
WA1OUI	33,654	213	79	B
K1WB	11,550	75	77	B
AA1JM	60,640	379	80	A
W2JU	60,514	383	79	A
K1PU	52,614	333	79	A
NV1P	27,886	191	73	A
K2RS	27,068	202	67	A
KX9X	27,010	185	73	A
K1CTT	26,220	190	69	A
AB1OD	15,544	134	58	A
W1SAM	10,400	104	50	A
W1JQ	4,218	57	37	A
N1ZN	324	18	9	A
W1DMM	176	11	8	A
W1NG	131,840	824	80	U
W1AW (N6VI, op)	74,550	525	71	U
W1CTN	70,784	448	79	U
W1RPG	66,144	424	78	U
N1MM	22,538	191	59	U
N1XK	20,280	130	78	U
W1QK (+ NG1R & W1QH)	135,680	848	80	M

### Eastern Massachusetts

W1MAW	55,360	346	80	UL
KA1IOR	161,440	1,009	80	B
AD1DX	96,480	603	80	B
N1DD	127,764	819	78	A
K1KG	66,360	420	79	A
N1YX	64,988	422	77	A
KC1SQ	53,280	333	80	A
W1TI	21,624	159	68	A
WA1DRQ	19,200	150	64	A
W1MJ	14,364	126	57	A
K1SM	13,464	132	51	A
N1QD	11,730	115	51	A
W1BJ	8,084	94	43	A
N7FYO	7,990	85	47	A
W1CCE	4,712	62	38	A
W1BP	1,488	31	24	A
KK1X	1,232	28	22	A
KB1DDC	600	20	15	A
N1QV	17,040	142	60	Q
W1ZT	74,880	468	80	U

W1KQ	62,088	398	78	U
W1EBI	32	4	4	U
K1KP (+ N1RD)	242,720	1,519	80	M
W1AF (+ W1PL, K6AUS, N3ER, K6PR, KB1WEW)	125,768	796	79	S

### Maine

K8PO	270,192	1,732	78	B
K1YSY	12,644	109	58	B
KA1C	40,050	267	75	A
KD1O	39,116	254	77	A
N1FQ	28,944	201	72	A
N1OXA	25,102	163	77	A
KX1E	18,096	156	58	A
KB1UJS	15,456	138	56	A
ND1T	3,876	51	38	A
KV1J	1,472	32	23	Q
KC1ME (K1JB, op)	103,040	644	80	U
N1QM	31,840	199	80	U

### New Hampshire

WA1ZYX	62,094	393	79	UL
WA1N	21,098	137	77	UL
NE1B	21,024	144	73	UL
AF1T	196,960	1,231	80	B
KK1KW	194,220	1,245	78	B
AE1P	164,320	1,027	80	B
N1JHJ	25,740	198	65	B
K1BX	233,760	1,461	80	A
NE1RD	53,404	338	79	A
NS1O	48,600	324	75	A
W1WWW	35,400	236	75	A
AC1J	28,676	214	67	A
N1IMW	25,900	185	70	A
W1CBY	14,766	107	69	A
NF1L	14,152	122	58	A
W1OHM	14,040	135	52	A
W1GEK	13,132	98	67	A
WV1G	10,788	87	62	A
KB1KCQ	9,114	93	49	A
AE1D	8,652	103	42	A
KØYLV	6,834	67	51	A
WA1VKO	4,872	58	42	A
KB1GKN	12	2	3	A
W1MR	96,800	605	80	Q
N1KWF	77,120	482	80	U
N9NC	12,482	79	79	U
AE1T (+ K1RX)	26,928	198	68	M

### Rhode Island

W1WBB	81,600	510	80	UL
AB1JV	78,560	491	80	UL
W1XX	170,720	1,067	80	B
W1JPZ	14,500	125	58	A
K1VSJ	12,480	80	78	A
WA1KSN	5,246	61	43	A

KA1GEU	60,672	384	79	U
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### Vermont

WA1ZAM	540	18	15	UL
W1ECH	26,642	173	77	A
W1ZN	22,440	165	68	A
WB1GQR (W1SJ, op)	310,560	1,941	80	U

### Western Massachusetts

AD1L	4,464	62	36	UL
NC1I (K9PW, op)	279,520	1,747	80	B
W2PV (W1VE, op)	204,640	1,279	80	B
W1UJ	202,400	1,267	80	B
K5ZD	91,360	571	80	B
K1BZM	89,120	557	80	B
K1MAZ	37,888	256	74	A
KX1X	23,316	201	58	A
W1SRB	15,504	136	57	A
WN1E	3,240	45	36	A
NB1H	2,576	46	28	A
AC1L	24	4	3	Q
W1TO	12,960	81	80	U
W1YK (KI6FRO, KC2UBI, W6MBT, KB1UOD, KB1WCD, ops)	89,076	571	78	S

## 2

### Eastern New York

WA2IID (+ KB2SSS)	26,838	189	71	ML
KE4MJ/2	6,006	77	39	ML
KM2O	130,666	827	79	B
AB2KX	91,260	585	78	B
N2UZQ	60,372	387	78	B
N2LH	10,080	120	42	B
KC2ULY	6,000	60	50	B
K2CYE	3,960	60	33	B
K1WIM	432	18	12	B
K2UF	125,120	782	80	A
WA2JQK	88,640	554	80	A
NE2I	56,564	358	79	A
W2NTV	53,562	339	79	A
WA2MCR	40,848	276	74	A
N2MTG	40,664	299	68	A
K8LEF	38,544	264	73	A
N2JBA	36,432	253	72	A
N2JJ	30,340	205	74	A
N2SAB	19,096	124	77	A
W2LP	17,080	140	61	A
WB2KHE	9,360	104	45	A
WB2HRK	9,024	94	48	A
W2QAC	7,990	85	47	A
W2XM	5,698	77	37	A
K2HAT	5,104	58	44	A
W2JRO	37,444	253	74	Q
W2GDJ	96,696	612	79	U

N2SQW 85,760 536 80 U  
 WB2BTJ 46,500 310 75 U  
 K2UNI/AE 33,970 215 79 U  
 N1EU 29,760 186 80 U  
 KE2DX 12,446 127 49 U  
 NO2X (+ NN2V)  
 124,480 778 80 M  
 WA3AFS (+ ops)  
 15,808 104 76 M

**New York City-Long Island**

KA2D 46,332 297 78 UL  
 N2AMC 15,554 101 77 B  
 KS2G 116,960 731 80 A  
 K2DO 67,144 436 77 A  
 N2RQ 21,760 170 64 A  
 W2HCB 21,168 168 63 A  
 KT2G 15,720 131 60 A  
 KC2SYF 10,800 108 50 A  
 WA2RXS 10,486 107 49 A  
 W2EUL 9,700 97 50 A  
 KE2UN 7,200 80 45 A  
 N2KYP 3,248 56 29 A  
 W2ANQ 2,580 43 30 A  
 WB2TPS 1,782 33 27 A  
 K2JF 1,408 32 22 A  
 KC2JRQ 494 19 13 A  
 AA2VK 44,660 290 77 Q  
 K2TV 18,096 156 58 Q  
 N2MUN 87,216 552 79 U  
 N2YBB 50,076 321 78 U

**Northern New Jersey**

W2EF (N2NNN, N2NO, W2ACO,  
 WA2UEM, ops)  
 10,098 99 51 ML  
 W2OIB 103,016 652 79 B  
 N2NC 63,360 396 80 B  
 KC2LST 32,850 225 73 B  
 K4BNC 12,324 78 79 B  
 K2DSL 53,440 334 80 A  
 KC2QJB 13,968 97 72 A  
 WB2AZE 5,712 68 42 A  
 N2LJ 1,040 26 20 A  
 KC2HRG 476 17 14 A  
 AC2BH 160 10 8 A  
 W2JEK 2,484 46 27 Q  
 W2VQ 99,360 621 80 U  
 W2YR 53,440 334 80 U  
 AB2DE 22,436 142 79 U  
 W2UDT 20,608 161 64 U  
 W2LV (N2TG, N2IEL, N2NHN,  
 N2WM, KC2WCQ, KC2VWI, WR2Q,  
 K2WLO, KC2QGK, KW3U, N2HMM,  
 WV2V, WB2UFF, N2ERH, ops)  
 113,120 707 80 M  
 K2OAK (WO2U & WV2ZOW, ops)  
 62,880 393 80 M  
 W2GSA (K2EI, W2HTS, N2KPS,  
 KC2YNL, W2XYZ, ops)  
 17,640 147 60 M

**Northern New York**

K2NNY (K2DB, K2CS, N2TWI,  
 AF2K, K2QZR, KC2QLJ, ops)  
 198,720 1,242 80 ML  
 AB3CX 214,080 1,338 80 B  
 KB2NGK 10,908 101 54 B

WA1FXK 40,500 270 75 A  
 NG2C 31,392 218 72 A  
 KC2SIE 3,240 54 30 A  
 WB2KLD 1,408 32 22 A  
 WA2FBN 6,688 76 44 Q  
 NN2L 66,560 416 80 U  
 AB2ZY 61,280 383 80 U  
 K2CC (KC2LRC, KD2ACF, KD2BBK,  
 KD2AVH, KB1VNV, KB1PXO,  
 KC2YRS, ops)  
 59,250 395 75 S

**Southern New Jersey**

NJ2AR (WA2FAX, KC2NYP, N2RAI,  
 N2KPC, WA2RJP, KC2ZDK,  
 N1CRR, KC2ULS, ops)  
 8,874 87 51 ML  
 WA2LET (+ AB2YG, KC2THO,  
 N2CQ, N2GXJ, N4NYY, NJ2S,  
 WA2NPD)  
 7,110 79 45 ML  
 N2SCJ 510 15 17 UL  
 WA2DVU 57,900 386 75 B  
 W2MC 43,766 277 79 B  
 K2MK 9,792 102 48 B  
 KV2M 64,000 400 80 A  
 W2KRD 31,416 204 77 A  
 N2IMM 23,450 175 67 A  
 WA2WJL 22,576 166 68 A  
 WR2F 16,988 137 62 A  
 WA2FAX 2,448 36 34 A  
 N2MM 228,000 1,425 80 U  
 AB2E 115,200 720 80 U  
 N2PKP 40,640 254 80 U  
 K2SQS 32,390 205 79 U  
 AI2I (+ N2NGW)  
 51,350 325 79 M

**Western New York**

N2IK 29,120 208 70 UL  
 KF2VX (+ K2ZUW)  
 10,200 100 51 ML  
 AE2T 4,736 74 32 UL  
 W2BSN 1,080 27 20 UL  
 AC2EV 798 21 19 UL  
 W2FU (K2TJ, op)  
 214,406 1,357 79 B  
 N2MF 127,920 820 78 B  
 KU2US 24,016 152 79 B  
 KB2KOL 15,104 118 64 B  
 K2CF 9,416 107 44 B  
 KA2AEY 2,738 37 37 B  
 W2RR (WA2AOG, op)  
 828 23 18 B  
 AA2DT 46,768 316 74 A  
 W2TF 37,908 243 78 A  
 N2HTT 37,752 242 78 A  
 K2SI 34,476 221 78 A  
 WW2P 32,376 228 71 A  
 KC2YEA 29,784 204 73 A  
 W2REA 27,258 177 77 A  
 AB2TC 25,048 202 62 A  
 K2DV 23,450 175 67 A  
 W2GN 16,896 176 48 A  
 N2DD 15,428 133 58 A  
 WB2SXY 13,640 124 55 A  
 W2DNR 12,546 123 51 A  
 WB2WPM 624 8 39 A

KY2H 448 16 14 A  
 AC2HJ 312 13 12 A  
 N3LZG 72 6 6 A  
 KD2DO 0 0 0 A  
 NW2K 93,120 582 80 Q  
 KF2U 25,212 191 66 Q  
 N2DM 14,382 141 51 Q  
 NG2P 36,800 230 80 U  
 KB2LUV 9,408 96 49 U

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**Delaware**

KD3TB 17,810 137 65 UL  
 WW3DE 66,300 425 78 B  
 W3GNQ 31,416 204 77 B  
 W3PP (K1RY, op)  
 93,760 586 80 A  
 N3KRX 60,522 393 77 A  
 NY3C 27,440 196 70 A  
 K3CWF 20,352 159 64 A  
 AI3G 11,628 114 51 A  
 W3RLO 1,674 31 27 A  
 KB3VXY 264 12 11 A  
 W3ECU 5,330 65 41 Q  
 K3JD (+ ops)  
 106,808 676 79 M

**Eastern Pennsylvania**

W3ZGD (K4JLD, N3VQH, N3XUD,  
 KO3T, ops)  
 78,240 489 80 ML  
 KN3A 41,712 264 79 UL  
 W3FV 16,498 113 73 UL  
 WA3ERQ 1,872 36 26 UL  
 W2ID (@ K9RS)  
 252,000 1,575 80 B  
 K3ISH 3,392 53 32 B  
 WB3IZF 37,884 246 77 A  
 WA2GBF 23,936 176 68 A  
 K3MRG 21,306 159 67 A  
 W3SD 18,720 156 60 A  
 KZ3X 12,792 82 78 A  
 KB3OPP 12,654 111 57 A  
 K3MRK 8,918 91 49 A  
 NT3F 5,848 68 43 A  
 W3ABT 4,968 69 36 A  
 KB3LMS 3,604 53 34 A  
 KB3IPZ 3,400 50 34 A  
 KB3IBT 3,300 50 33 A  
 N3KR 2,880 45 32 A  
 KB3RKM 2,400 50 24 A  
 K3HQI 2,240 40 28 A  
 N3ACP 1,960 35 28 A  
 WA2EAJ 1,330 35 19 A  
 K3TUF 442 17 13 A  
 KB3EHW 242 11 11 A  
 KB3GJT 220 11 10 A  
 N3JNX 126 9 7 A  
 N3GGT 98 7 7 A  
 WØBR 60 6 5 A  
 K3WWW 154,240 964 80 U  
 NY3A 112,332 759 74 U  
 NW3H 53,920 337 80 U  
 K3BZ 46,560 291 80 U  
 N3ST 34,918 221 79 U  
 N3RM 15,400 100 77 U

**Maryland-DC**

N3TD 92,000 575 80 UL  
W4EE 64,960 406 80 UL  
WN3N (+ KB3NRY, KB3MCL,  
N3OZS, KB3MCQ & KB3MCP)  
62,556 401 78 ML  
WA3AER 44,100 294 75 UL  
W3LRC (+ KB3VQH, KB3WV,  
N3XL, NF8I, WI3N, WV3D)  
39,216 258 76 ML  
KB3WOB (W3GB, KB3US, K3DI,  
N3FZB, ops)  
28,470 195 73 ML  
KD4D 227,360 1,421 80 B  
K3ZO 189,540 1,215 78 B  
N3UM 151,840 949 80 B  
N4QQ 126,400 790 80 B  
K3AU (K2YWE, op)  
94,572 639 74 B  
K1RZ 93,444 599 78 B  
WB4FDT 90,244 586 77 B  
N3CA (@ W3ZZ)  
72,600 484 75 B  
K3TN 71,680 448 80 B  
W3IUU 69,678 441 79 B  
W2GG 49,770 315 79 B  
NS3X 47,740 310 77 B  
W2BZR 40,700 275 74 B  
WA1T 40,448 256 79 B  
AK3S 34,444 218 79 B  
W3ZZ 32,964 246 67 B  
KB3OK 57,596 374 77 A  
WA3KY 57,304 377 76 A  
K8GU 52,960 331 80 A  
KD3FG 48,000 300 80 A  
K3KU 47,212 319 74 A  
K3AJ 46,176 296 78 A  
W3KX 45,760 286 80 A  
AB3IC 45,072 313 72 A  
ND3D 34,080 240 71 A  
N3CAL 21,868 154 71 A  
KQ3Q 20,862 171 61 A  
W3FA 14,336 128 56 A  
WA3MKC 14,036 121 58 A  
AA3WZ 13,986 111 63 A  
K2PS 12,558 161 39 A  
W3SFG 5,244 69 38 A  
WB3IGR 3,196 47 34 A  
W3NWS 1,242 27 23 A  
N3UR 87,848 556 79 Q  
AA3CS 16,644 146 57 Q  
K3OQ 8,084 94 43 Q  
N8HM 280 14 10 Q  
K3MM 274,080 1,713 80 U  
NW3R (NH7C, op @ N3HBX)  
191,360 1,196 80 U  
K3DNE 188,800 1,180 80 U  
W3LL 188,000 1,175 80 U  
WM3O 165,600 1,035 80 U  
K3ZQ (W9GE, op)  
127,840 799 80 U  
N3RR 121,280 758 80 U  
W3UL 117,280 733 80 U  
K1RH 106,080 663 80 U  
N1WR 105,920 662 80 U  
N3AM 96,960 606 80 U  
K1DQV 94,560 591 80 U

N3WD 89,440 559 80 U  
W3EKT 81,016 533 76 U  
W3CB 80,960 506 80 U  
W3KL 63,180 405 78 U  
N8HTG 61,920 387 80 U  
K3STX 59,360 371 80 U  
K3YDX 59,040 369 80 U  
WO3L 56,518 367 77 U  
W2CDO 52,960 331 80 U  
W2GPS 50,720 317 80 U  
N3KTV 46,294 293 79 U  
W3OU 44,814 291 77 U  
N3YIM 39,360 246 80 U  
K3QX 33,434 229 73 U  
NN3RP 27,968 184 76 U  
N3MK 25,370 215 59 U  
N1MD 1,000 25 20 U  
N3OC (+ N1SZ)  
229,920 1,437 80 M  
WA3EKL (+ K3ZZ)  
224,320 1,402 80 M  
WR3Z (+ N3ALN)  
221,600 1,385 80 M  
W3IDT 187,200 1,170 80 M  
K3MIM 184,320 1,152 80 M  
KE3X (+ K2PS & K3ODY)  
176,160 1,101 80 M  
N3AFT (+ N3WZR)  
91,840 574 80 M  
W3LJ (+ K3NCO)  
47,272 311 76 M

**Western Pennsylvania**

W3WN 40,640 254 80 UL  
W3OD 14,976 104 72 UL  
WA3A 249,920 1,562 80 B  
W3SO (W3YOZ, op)  
143,066 929 77 B  
W3PAW 107,184 696 77 A  
WA3HGW 49,928 316 79 A  
K3UA 47,424 312 76 A  
AG3H 44,352 288 77 A  
KB3LIX 29,664 206 72 A  
KB3ORR 19,344 156 62 A  
KE3KD 17,388 138 63 A  
W3ELW 14,136 124 57 A  
N3XF 10,120 115 44 A  
WZ3HMT 9,108 99 46 A  
KB3VCA 5,472 72 38 A  
W3JIM 850 25 17 A  
KB3VNH 728 26 14 A  
W3YA (NK8Q, op)  
51,034 323 79 Q  
W3WC 33,300 225 74 U

**4****Alabama**

N4KH 49,600 310 80 UL  
KY4F 22,496 148 76 UL  
K4AB 266,720 1,667 80 B  
K4ZGB 143,676 921 78 B  
KC4HW 124,586 809 77 B  
NN4MM (K9MUG, op)  
45,188 286 79 B  
N4NM 18,744 142 66 B  
KO4FV 24,220 173 70 A  
KB5EZ 19,240 148 65 A

K4WI 11,102 91 61 A  
KD4N 10,974 93 59 A  
NØRZT 6,384 84 38 A  
WO4R 5,624 76 37 A  
N4JF 74,560 466 80 Q  
K4HAL 62,568 396 79 U  
W4UAL (KV4T, K4CWW, W4ECI,  
ops)  
159,360 996 80 S

**Georgia**

KB4KBS 34,780 235 74 UL  
W4HIJ 588 21 14 UL  
K4SSU (NA4BW, op)  
276,000 1,725 80 B  
K4BAI 230,080 1,438 80 B  
W4BW 9,680 121 40 B  
WY4Y (NS3Q, op)  
3,782 61 31 B  
N4PN 222,880 1,393 80 A  
WB4JFS 67,680 423 80 A  
WA7DIA 53,562 339 79 A  
NJ8J 44,850 299 75 A  
N6LHZ 44,688 294 76 A  
K7SYS 26,600 190 70 A  
K4WSW 15,104 118 64 A  
WO4MW 11,780 95 62 A  
K4OGG 8,856 82 54 A  
AI4UN 3,816 53 36 A  
KJ4NOP 2,146 37 29 A  
KC4RSL 1,288 28 23 A  
N4SEG 560 20 14 A  
KD4YDD 476 17 14 A  
NA4O 19,716 159 62 Q  
K1ZZI 30,020 190 79 U  
W4ATL 27,652 223 62 U

**Kentucky**

KO4OL 44,044 286 77 UL  
N9KY 30,020 190 79 UL  
K8SCH/4 (K4BRI, KJ4ZKC, KD8IOQ,  
KD8ASL, AC4XS, ops)  
24,480 153 80 ML  
K4WW 23,370 205 57 UL  
KM4RO 50,400 315 80 B  
W5MX 141,492 907 78 A  
KU4A 52,650 351 75 A  
N4XFF 21,300 150 71 A  
W4LC 16,224 104 78 A  
K4SPO 13,860 110 63 A  
KC4WQ 12,482 79 79 A  
KG4OCJ 9,700 97 50 A  
AJ4MP 6,210 69 45 A  
WB4QNG 5,920 74 40 A  
AI4BJ 27,144 174 78 Q  
AJ4A 37,760 236 80 U

**North Carolina**

N4HXI 57,120 357 80 UL  
W4YK 36,112 244 74 ML  
K4BCH (KA4APA, N4ARW, N5NC,  
KU4JD, W3DET, ops)  
28,704 208 69 ML  
W2DZO 11,648 104 56 UL  
WK4P 191,338 1,211 79 B  
N4GU 145,920 912 80 B  
WX4G 135,876 871 78 B  
N4AA 39,578 257 77 B

N4YZ	24,424	172	71	B
AE4EC	17,040	142	60	B
N8MPX	15,120	105	72	B
K2AV	1,400	35	20	B
NC4MI	288	12	12	B
W4AAA (KK9A, op)	223,200	1,395	80	A
KU4BP	97,920	612	80	A
KZ2I	87,520	547	80	A
W4KAZ	82,476	522	79	A
W4FT	74,080	463	80	A
KA2OOU	54,112	356	76	A
WW4M	51,040	319	80	A
K4WES	46,512	306	76	A
N4YDU	37,296	252	74	A
N4IOZ	36,162	287	63	A
KK4RV	22,496	152	74	A
AA4FU	21,700	155	70	A
N4UEZ	15,694	133	59	A
K4TMC	13,724	146	47	A
K7UWR	12,882	113	57	A
KS4S	10,404	102	51	A
K4MOA	9,660	70	69	A
WB4AQK	5,500	55	50	A
K4NC	3,692	71	26	A
KD4MXA	3,672	68	27	A
KC4EZN	2,320	40	29	A
KJ4FEL	1,976	38	26	A
N4IYB	1,632	34	24	A
KJ4MJC	840	30	14	A
W4COH	720	30	12	A
K3CLM	264	12	11	A
AD8J	2	1	1	A
KD4OFG	13,216	118	56	Q
W4MR (AA4NC, op)	250,560	1,566	80	U
N1LN	202,240	1,264	80	U
K4QPL	115,520	722	80	U
AD4L	106,492	674	79	U
WB4MSG	63,804	409	78	U
K4XD	55,176	363	76	U
KC4GL	14,136	93	76	U
N4TL	10,560	120	44	U
K4OV (+ N1BA)	288,000	1,800	80	M
NA4CC (W4JNH, AI4RF, KB5NIA, KJ4NKS, W6GHZ, KE4ZUN, ops)	38,688	248	78	M
<b>Northern Florida</b>				
AD4RE	41,328	287	72	UL
N4WWW (WF3C, op)	218,198	1,381	79	B
K4PV	155,200	970	80	B
N4UU	119,196	774	77	B
N6AR	87,200	545	80	B
WB4OMM	70,240	439	80	B
N4LZ	1,768	34	26	B
K4DMH	28,944	216	67	A
KC1SS	11,484	99	58	A
K9IA	10,340	94	55	A
W4SJV	5,964	71	42	A
K4GOP	1,188	27	22	A
NØHT (K4MTI, op)	58,656	376	78	Q
AC2N	6,952	79	44	Q
N4EEB	77,760	486	80	U
NF4A	65,676	421	78	U

KØLUZ	64,938	411	79	U
K3TW	35,040	219	80	U
WS3N	13,272	84	79	U
KF4ZZ (+ N5RB, K5WBM, W5JPM)	57,440	359	80	M

#### Puerto Rico

KP4JRS	390	15	13	B
KP4RAY	640	20	16	A
WP3GW	220	11	10	A

#### South Carolina

K3AN	106,720	667	80	A
KG6MC	31,360	224	70	A
N4REF	15,300	102	75	A
WA8OJR	10,080	105	48	A
KM4RK	6,674	71	47	A
KT4OO	1,248	26	24	A
KN4QD	1,160	29	20	A
NP2MR/4	880	20	22	A
WB8ZKI	874	23	19	A
KI4SVM	21,710	167	65	Q
NS4SC	87,200	545	80	U
NN4F	37,376	292	64	U
K2SX	25,422	223	57	U
WD4EOG (KF4YPD, op)	3,456	48	36	S

#### Southern Florida

K4MM	18,900	126	75	UL
N4BP	226,414	1,433	79	B
WB2REM	91,166	577	79	B
N3EH	34,224	248	69	B
N4PSE	34,222	241	71	B
KA4UDX	10,816	104	52	B
K4JC	37,008	257	72	A
KK4CIS	20,864	163	64	A
K5EEE	19,656	156	63	A
K4MF	12,600	105	60	A
N4LF	6,248	71	44	A
W4SVO	77,616	504	77	Q
W4AS	97,012	614	79	U

#### Tennessee

K4MCK	55,200	345	80	UL
N4MIK	11,800	100	59	UL
NS2X	2,800	40	35	UL
K2OWR	171,520	1,072	80	B
AD4EB	151,382	983	77	B
K4EDI	100,330	635	79	B
WB4YDY	45,144	297	76	B
W4UT	39,360	246	80	B
WD8RYC	13,000	100	65	B
NS4X	3,570	51	35	B
N4VAN	2,356	38	31	B
NA4K	182,080	1,138	80	A
K4RO	64,464	408	79	A
W4DAN	49,956	362	69	A
AA4HV	45,920	287	80	A
K4YZ	22,176	144	77	A
K4CWA	21,080	155	68	A
K4LTA	20,300	145	70	A
W4PGM	16,046	113	71	A
N4AEP	14,308	98	73	A
W4BCU	13,640	110	62	A
NX2C	13,320	111	60	A
WA4JA	13,104	117	56	A
K9UQN	11,832	116	51	A
N2WN	10,900	109	50	A

N4AAI	9,500	95	50	A
WB3JKQ	5,676	66	43	A
NY4S	2,604	42	31	A
KB4VL	2,254	49	23	A
AJ4JD	1,260	30	21	A
KI4CVU	1,176	28	21	A
W4BCG	480	15	16	A
KS4X	19,434	123	79	Q
N4ZZ	269,120	1,683	80	U
AA4DD	45,430	295	77	U
KA4OTB	29,250	195	75	U
WO4O	12,168	78	78	U
K4TCG (WF7T, KØEJ, KJ4WLN, W4NZ, ops)	204,800	1,280	80	M
W4S (NX6R, KJ4ZPM, KK4ACP, W4GIL, N2BFD, KI4APO, KJ4LEC, ops)	30,096	198	76	M

#### Virginia

N4RA	89,600	560	80	UL
AB4SF	63,840	399	80	UL
N4VA	61,620	390	79	UL
K4FPF	53,088	336	79	UL
W7IY	51,840	324	80	UL
KN4KL (+ WØJTC)	50,080	313	80	ML
KTØP	33,180	210	79	UL
K4FTO	32,558	223	73	UL
W4IOW	23,870	155	77	UL
WM3T	9,898	101	49	UL
NA3Z	612	17	18	UL
W4EON	40	5	4	UL
NN3W (@ N4RV)	296,000	1,850	80	B
WØCN (@ NR4M)	178,382	1,129	79	B
K4EU	115,040	719	80	B
N4MM	64,960	406	80	B
W5KL (W4YE, op)	55,380	355	78	B
W8RJL	53,712	373	72	B
W4WWWQ	47,874	303	79	B
W2YE	33,152	224	74	B
WØYR	32,776	241	68	B
K9PJ	27,470	205	67	B
NI1N	24,304	196	62	B
W1IE	15,458	131	59	B
KI4VCT	13,300	95	70	B
N4PD	7,050	75	47	B
WA3OFC	105,544	668	79	A
N2NQ	56,564	358	79	A
W4GDG	51,072	336	76	A
K4FJW	48,000	320	75	A
KK4R	43,216	296	73	A
K4DPF	39,600	264	75	A
KA4GFY	36,000	240	75	A
W4DUK	31,536	219	72	A
NR4C	30,388	214	71	A
K4DET	26,792	197	68	A
KJ4VTH	24,888	183	68	A
K4PZC	22,046	151	73	A
N1QEQ	21,248	166	64	A
K4ORD	21,000	175	60	A
K4ZW	20,410	157	65	A
KI4TXP	17,346	147	59	A
WX1O	15,484	98	79	A

K4LCM	13,716	127	54	A
K4PZZ	11,978	113	53	A
KD4NEM	10,974	93	59	A
NN4RB	10,622	113	47	A
AA4KD	9,090	101	45	A
K2SSB	8,930	95	47	A
N8ESW	8,544	89	48	A
K4YCR	8,424	81	52	A
WA4EUL	8,352	87	48	A
K3MZ	7,480	85	44	A
AF4MO	6,612	87	38	A
KF4PQL	5,070	65	39	A
N3TG	4,880	61	40	A
K4TOJ	4,464	62	36	A
K7CS	2,376	54	22	A
KI3O	2,072	37	28	A
WF1L	2,058	49	21	A
WV4V	1,176	28	21	A
K4DKE	612	18	17	A
K1KAV	300	15	10	A
N8IK	240	12	10	A
AK4MV	200	10	10	A
AJ4LN	176	11	8	A
W4JHU	18	3	3	A
KD4CXI	0	-1	0	A
K4WY	32,232	204	79	Q
KJ4FUU	234	13	9	Q
W4NF	223,520	1,397	80	U
K4GMH	140,320	877	80	U
KG4W	121,440	759	80	U
N2QT	99,520	622	80	U
N4FX	99,372	637	78	U
N4NW	97,440	609	80	U
W4PK	68,960	431	80	U
N2YO	57,196	362	79	U
K5VIP	51,360	321	80	U
W4JAM	50,720	317	80	U
K4MIL	49,138	311	79	U
WC4J	42,720	267	80	U
N3BM	41,554	263	79	U
N4UA	40,160	251	80	U
W3YY	30,880	193	80	U
W4RM	27,816	183	76	U
W4VX	27,160	194	70	U
W4VIC	2,688	42	32	U
K1KO	1,998	37	27	U
K4B	230,880	1,443	80	M
W4MYA (+ K14UDF)	217,440	1,359	80	M
K4VV (K3WI, op)	212,480	1,328	80	M
W4ML (NW4V, N3UA, WA4PGM, W1ZA, ops)	201,920	1,262	80	M
KV3B	158,240	989	80	M

**US Virgin Islands**

NP2B (+ NP2X)	288,960	1,806	80	M
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**West Central Florida**

K5RQ	189,920	1,187	80	B
K8MR	145,992	948	77	B
K1TO	49,416	348	71	B
W3GLL	29,106	189	77	B
W4LT	194,720	1,217	80	A
K1KNQ	128,480	803	80	A
N4TB	50,880	318	80	A

KD4ACG	28,258	199	71	A
NG4L	24,064	188	64	A
K4CC	23,616	164	72	A
NX4N	5,328	74	36	A
KI4HHK	3,500	50	35	A
N4RWH	2,842	49	29	A
KW4FL	798	19	21	A
WD4FL	128	8	8	A
K5KG	104,160	651	80	U
KB4CP	19,040	140	68	U
W4CU	12,882	113	57	U
KB4FB	5,358	57	47	U
W4GAC (KK4CMD, KK4CUM, KR4U, N2ESP, N4GD, N4NHO, WA4EEZ, ops)	26,240	164	80	M

## 5

### Arkansas

WBØRUR	57,920	362	80	UL
KD5J	89,280	558	80	B
AA5BE	36,024	237	76	A
KJ5FA	32,856	222	74	A
N5RN	15,132	97	78	A
K5DCT	1,000	25	20	A
W3TZ	100,800	630	80	U
W5JJ (K5DB, KK5II, KD5KZJ, ops)	167,200	1,045	80	M
AB5GG (+ WF5X)	74,400	465	80	M
W5YM (W5VO, AE5ZC, N5YGR, KB5WPM, K5FXB, WJ5V, KD5WNF, ops)	46,720	292	80	S

### Louisiana

W5DLD	11,648	104	56	UL
N8OO	237,276	1,521	78	B
AE5ZE	18,760	134	70	B
KC5R	124,278	807	77	A
KD5LNO	92,800	580	80	A
N5YE	48,048	308	78	A
N5II	26,082	207	63	A
NX8G/5	25,900	185	70	A
AD5VC	22,378	167	67	A
N5RLM	11,336	109	52	A
N5OA	2,624	41	32	A
W5RU (KN5O, K1DW, K5ER, W5WZ, KG5VK, NX8G, ops)	310,880	1,944	80	M

### Mississippi

KK5K (KG4MDT, AD5YB, KI5F, ops)	70,680	465	76	ML
AG5Z	73,950	493	75	B
AE5BR	57,920	362	80	B
WD5JNC	11,124	103	54	B
KE5KTU	2,552	44	29	B
WQ5L	83,680	523	80	A
AE5OL	2,788	41	34	A
WA5OYU	202,240	1,264	80	U
K2FF	160,480	1,003	80	U
N5KDV	15,912	102	78	U

### New Mexico

KK6MC	98,720	617	80	UL
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W5MPZ (N5ZGT, NB5T, KA8JMW, W5RMY, AE5VR, ops)	60,768	422	72	ML
KK5OV (+ KB5ZSK)	23,460	170	69	ML
N2IC (NØQO, op)	300,000	1,877	80	B
K8TE	166,320	1,080	77	B
N2UT (AA5B, op)	120,120	770	78	B
K7IA	55,480	365	76	B
N5FO	10,500	105	50	B
K5TA	127,680	798	80	A
W5IV	39,040	244	80	A
N9WL	31,680	220	72	A
AB5JR	12,636	117	54	A
W5DET	10,506	103	51	A
K5TEE	2,592	48	27	A
KB7PVU	84	7	6	A
WA5ZUP	249,120	1,557	80	U
K5TQ	27,648	192	72	U
N7KA (+ AA5B)	178,560	1,116	80	M

### North Texas

K5IID	75,840	474	80	UL
WA5JRS	73,112	494	74	ML
AD5XD	156,800	980	80	B
W8FN	27,880	205	68	B
K5CX	14,904	138	54	B
N1CC	122,240	764	80	A
K7RB	54,036	342	79	A
NN5T	51,200	320	80	A
KB5YIA	46,354	301	77	A
N5LFE	39,000	260	75	A
NT5V	37,130	235	79	A
WB5JC	35,574	231	77	A
NW5Q	23,998	169	71	A
KM5FW	13,806	117	59	A
W5SS	13,528	89	76	A
K5QR	9,964	106	47	A
K5RX	8,840	85	52	A
AI5G	6,800	68	50	A
W5WRE	6,222	61	51	A
W5SMD	5,016	66	38	A
WA5ICA	4,218	57	37	A
KB5AI	3,220	46	35	A
KC5OZT	1,680	35	24	A
KJ5H	1,334	29	23	A
KG6TYB	330	15	11	A
KJ5RM	47,012	322	73	Q
W5WW	167,840	1,049	80	U
WBØTEV	163,200	1,020	80	U
W5GN	94,080	588	80	U
NM6E/5	80,480	503	80	U
K5MBA	4,160	65	32	U

### Oklahoma

AA5JG	3,010	43	35	UL
N5DY	59,160	435	68	B
K5LAD	51,350	325	79	B
AD8B	42,912	298	72	B
WA5YNE	352	11	16	B
W5GFI	110,264	716	77	A
N5UWY	69,420	445	78	A
AF5Q	47,212	319	74	A
K5ZCJ	39,500	250	79	A
AE5MM	16,284	138	59	A

KK5JY 6,068 74 41 A  
 K5JVC 11,900 119 50 Q  
 KB0HH (+ WD0GTY, KC5DPT,  
 K5TDN, KD5EKX)  
 163,360 1,021 80 M  
 KF5CRF (KF5JAZ, KE5YZB,  
 KF5YXO, + ops)  
 36,040 265 68 S  
 WD5AGO (+ KF5JBE & KF5KYF)  
 16,592 136 61 S

**South Texas**

K3TD 36,340 230 79 UL  
 KE5LQ 11,970 95 63 UL  
 AB9GW (+ KC9DBB)  
 308 14 11 ML  
 NR5M 313,280 1,958 80 B  
 K5WA 285,920 1,787 80 B  
 K5NA (WM5R, op)  
 271,520 1,697 80 B  
 K5TR 231,360 1,446 80 B  
 W5RQ 118,080 738 80 B  
 KE4D 18,600 124 75 B  
 WB5C 9,984 96 52 B  
 W5XD 416 16 13 B  
 AE5QU 73,788 473 78 A  
 K5PI 42,768 297 72 A  
 N5RMS 30,774 223 69 A  
 WK5DX 25,560 180 71 A  
 K5IX 23,088 148 78 A  
 KC5HAV 21,312 148 72 A  
 W5TA 15,340 130 59 A  
 WA5DSS 14,760 124 60 A  
 KE5HDF 12,528 108 58 A  
 K5HEM 4,704 56 42 A  
 KD5MMM 836 22 19 A  
 N5DTT 748 22 17 A  
 KJ5T 232,320 1,452 80 U  
 K5MV 146,880 918 80 U  
 K5QXR 127,680 798 80 U  
 W5ASP 84,320 527 80 U  
 N5KAE 27,176 172 79 U  
 KK5LO 13,440 96 70 U  
 K5XA 10,804 73 74 U  
 W5UH (KU5B, op)  
 43,520 272 80 S  
 W5ZD (+ WB5IZD, KD5LCX,  
 N5AHD)  
 17,408 136 64 S

**West Texas**

N5DO (+ KE5OG)  
 180,000 1,125 80 ML  
 KS5Z (+ AF5KV)  
 48,984 314 78 ML  
 N5ZMP (+ N5XXD)  
 21,996 141 78 ML  
 N5ZC 18 3 3 UL  
 N5RZ 167,388 1,073 78 B  
 KF5HHD 99,450 663 75 B  
 W5RAW 13,328 119 56 B  
 K5BZH 33,552 233 72 A  
 KD6CUB 1,288 28 23 A  
 WA5VSK (+ KC9CPK, K5LCL)  
 41,172 282 73 M

**6**

**East Bay**

NO6X 100,950 673 75 B  
 WZ6Z 124,960 781 80 A  
 K2GMY 39,450 263 75 A  
 AE6C 26,640 185 72 A  
 W6ONV 16,830 153 55 A  
 KS6M 15,996 129 62 A  
 KO6NO 15,376 124 62 A  
 KI6FYQ 11,500 115 50 A  
 N6BHX 7,482 87 43 A  
 N6ENO 4,810 65 37 A  
 KF6ZYD 3,290 47 35 A  
 KJ6FNK 1,768 34 26 A  
 KI6CYT 640 20 16 A  
 KJ6GLR 144 8 9 A  
 K6JAT 81,370 515 79 U  
 N6RO 57,920 362 80 U  
 K6JEB 50,876 322 79 U  
 N6AJR 27,588 209 66 U  
 K9RJ 20,562 149 69 U  
 WB6BET 15,080 116 65 U  
 W6RGG 12,482 79 79 U  
 NS6T 10,098 99 51 U  
 KI6YYT 924 22 21 U  
 W6ATV (+ KD6KQW)  
 48,000 300 80 M

**Los Angeles**

W6AFA 159,040 994 80 B  
 KT6VV 107,360 671 80 B  
 K6LA 177,440 1,109 80 A  
 W6JK 36,600 244 75 A  
 K6MUG 27,048 196 69 A  
 N8AE 25,500 170 75 A  
 AG6AN 24,012 174 69 A  
 K6DSW 11,424 112 51 A  
 AE6XC 5,280 66 40 A  
 KD6SMC 3,480 58 30 A  
 N6EZS 1,820 35 26 A  
 KE6MZV 286 13 11 A  
 WB6PWD 18 3 3 A  
 N5BF 2 1 1 A  
 W6AQ 45,732 309 74 Q  
 W6KC 71,040 444 80 U  
 NK6A 52,160 326 80 U  
 N6AN (@ W6UE)  
 49,760 311 80 U  
 W6SW 42,032 284 74 U

**Orange**

KI6WD (+ N6QYQ, KJ6EFJ,  
 KJ6DTM, KJ6DTL, @ K6NFF)  
 31,262 203 77 ML  
 K6MSM 936 26 18 UL  
 AA6PW 227,040 1,419 80 B  
 N6WIN 208,402 1,319 79 B  
 WA6KHK 143,040 894 80 B  
 K6HRT 96,380 610 79 B  
 N6ER 92,092 598 77 B  
 WA6KEK 33,760 211 80 B  
 W6WRT 16,472 116 71 B  
 NN6CH 46,560 291 80 A  
 W6UX 36,960 240 77 A  
 KM6HB 28,512 216 66 A  
 AD6NR 20,196 153 66 A  
 W6ZL 19,360 121 80 A

AG6HQ 8,836 94 47 A  
 WA6GFR 4,560 57 40 A  
 N6OIL 12 2 3 A  
 N6HC 226,400 1,415 80 U  
 NT6X 104,000 650 80 U  
 KF6I 31,050 207 75 U  
 K6GEP 10,070 95 53 U

**Pacific**

KH7X (KH6ND, op)  
 352,000 2,200 80 B  
 KH7Y 151,944 974 78 B  
 KH6LC (NH6V, op)  
 255,360 1,596 80 A  
 KH6CJJ 35,964 243 74 A  
 NH6WZ 8,272 88 47 U

**Santa Barbara**

N6K (K6QIQ, N6DBK + ops)  
 17,936 152 59 ML  
 W6JWP 2,204 38 29 UL  
 AA6WH 162 9 9 B  
 WA6FGV 166,880 1,043 80 A  
 W1PR 49,494 339 73 A  
 AG6AY 18,228 147 62 A  
 KA9WMI 8,096 93 44 A  
 W6GL 2 1 1 Q  
 KI6QDH 75,040 469 80 U  
 W6RFU (KB3RPN, op)  
 49,800 332 75 S

**Santa Clara Valley**

W1SRD 18,330 141 65 UL  
 K6RFM 640 20 16 UL  
 K6XX 282,080 1,763 80 B  
 AE6Y 73,264 482 76 B  
 W6EB 31,262 203 77 B  
 N6KJ 6,840 76 45 B  
 K6GHA 51,948 333 78 A  
 N6AJS 36,846 267 69 A  
 NU6S 21,600 200 54 A  
 WT6H 13,320 111 60 A  
 KC4YPD 7,644 91 42 A  
 N6RSS 4,662 63 37 A  
 KE6TIM 4,144 56 37 A  
 W6RWM 3,724 49 38 A  
 KJ6QAY 782 23 17 A  
 K6OO 77,440 484 80 Q  
 N6NUL 504 28 9 Q  
 K9YC 203,200 1,270 80 U  
 K6MM 202,080 1,263 80 U  
 KM6I 149,600 935 80 U  
 K6TU 135,520 847 80 U  
 W6OAT 101,120 632 80 U  
 K6GT 99,680 623 80 U  
 W6FB 99,200 620 80 U  
 AD6Z 89,744 568 79 U  
 AA6XV 49,096 323 76 U  
 N6DB 32,116 217 74 U  
 N6MW 31,840 199 80 U  
 N3ZZ 27,886 191 73 U  
 K6WV 14,986 127 59 U  
 N6RC 10,010 91 55 U  
 K6IF 4,392 61 36 U  
 N6XI 1,152 36 16 U  
 K6MMM (KE1B & W6NN, ops)  
 170,080 1,063 80 M

W6DR (+ N9YS, KF6EHD)  
64,306 407 79 M  
W6YX (KBØVVT, NF1R, KZ2V,  
N7MH, ops)  
256,480 1,603 80 S

**San Diego**

N6KI (+ WB6NBU, K6GO, N6OHS,  
NN6X, N6EEG, N6CY, K6KAL,  
AF6WF, W5NYYV, KB5MU)  
100,640 629 80 ML  
WA6AUP (+ VE5AG)  
28,224 224 63 ML  
N6VH 22,620 174 65 UL  
K2RP 10,508 71 74 B  
K6NA 720 20 18 B  
WN6K 118,716 761 78 A  
K6ZH 100,480 628 80 A  
NN3V 71,686 491 73 A  
N6CY 59,400 396 75 A  
AA6EE 13,764 111 62 A  
W6GDK 11,058 97 57 A  
WB6NJA 10,658 73 73 A  
KB6VME 8,742 93 47 A  
W6OGC 8,008 77 52 A  
KJ6JQA 32 4 4 A  
KJ6ROD 8 2 2 A  
AF6GL 33,440 209 80 U  
W6YI (+ K6AM, N6MJ, N6KI)  
372,160 2,326 80 M

**San Francisco**

AA6YX 186,400 1,165 80 B  
AA6DX 42,658 277 77 B  
K6CTA 26,108 214 61 B  
N6YEU 103,520 647 80 A  
KE6WC 37,392 246 76 A  
K3FIV 23,790 183 65 A  
W6JTI 22,308 169 66 A  
K7GK 19,080 159 60 A  
KZ6T 17,892 142 63 A  
KI6ORO 15,860 122 65 A  
KJ6OGE 442 17 13 A  
KJ6IVM 220 10 11 A  
K6JB 98 7 7 A  
W6PZ (K6SRZ, op)  
261,760 1,636 80 U  
W6XU 130,880 818 80 U

**San Joaquin Valley**

WC6H 281,760 1,761 80 B  
K6SV 117,394 743 79 B  
AA6K 59,680 373 80 A  
KJ6HBY 31,392 218 72 A  
K6CSL 16,320 136 60 A  
NZ6Q 9,936 92 54 A  
W7FYV 9,936 108 46 A  
KJ6MSG 9,900 99 50 A  
N6NZ 207,200 1,295 80 U  
N6EE 168,640 1,054 80 U  
N2NS 51,034 323 79 U  
N6GTO (+ KJ6SEF)  
28,200 188 75 M

**Sacramento Valley**

N6RK 62,568 396 79 UL  
N6DZR 52,960 331 80 UL  
K6OK 41,040 270 76 UL  
K9JM 123,360 771 80 B

KI6CG 73,416 483 76 B  
K6LRN 72,384 464 78 B  
W6RKC 26,344 178 74 B  
K6FTY 25,868 223 58 B  
K6KO 23,256 204 57 B  
KF6T 198,880 1,243 80 A  
AF6OP 44,850 299 75 A  
NM3S 11,118 109 51 A  
KQ6X 6,776 77 44 A  
W1RH 166,058 1,051 79 U  
WE6Z 117,120 732 80 U  
W6SR (WX6V, op)  
99,382 629 79 U  
WX6V 90,720 567 80 U  
K6ST 78,842 499 79 U  
K6JJ 59,040 369 80 U  
K6DGW 32,264 218 74 U  
K6III 30,576 196 78 U  
N6DW 29,748 201 74 U  
WB6JJJ 4,592 56 41 U  
W6BO (+ N6BOB)  
39,500 250 79 M

**7**

**Alaska**

KL7JRC (AL7L, KL2QZ, KL2ZZ,  
KL3JN, KL7HFI, KL7JJB, ops)  
54,102 381 71 ML  
KL2HD 30,820 230 67 UL  
KL7RA (N6TR, op)  
337,440 2,109 80 B  
WL7E 222,400 1,390 80 B  
AL1G 142,560 891 80 B  
KL7GS 19,152 152 63 B  
KL7D 16,170 105 77 B  
KL2NW 300 15 10 A  
AL9A 141,600 885 80 U  
NL7V 48,032 304 79 U  
KL1V 14,378 91 79 U  
KL2R (N1TX, KL1JP, WL7BDO,  
KL6C, ops)  
128,160 801 80 M  
KL7AIR (NL7WW, KL7YK, KL7MD,  
KL7KO, KL3IJ, ops)  
92,040 590 78 M

**Arizona**

WU9B 90,168 578 78 UL  
W7WW 164,320 1,027 80 B  
KE2VB 135,720 870 78 B  
W7PP 57,440 359 80 B  
W7AAA 43,800 292 75 B  
W7ON 32,976 229 72 B  
WR5G 32,832 228 72 B  
KF7IUH 21,708 162 67 B  
N7LR 13,328 119 56 B  
W7UDG 12,194 92 67 B  
K9WZB 188,480 1,178 80 A  
KK7AC 100,640 629 80 A  
AC7JM 74,400 465 80 A  
NA6E (WT6P, op)  
65,142 423 77 A  
W7FYW 47,520 297 80 A  
WA7NWL 31,878 231 69 A  
W2AJW 27,880 205 68 A  
KF7DYX 19,642 161 61 A  
W7WIA 15,480 129 60 A

N7MAL 14,848 128 58 A  
KY7K 12,084 114 53 A  
K6TUJ 11,880 108 55 A  
N7TWB 10,920 91 60 A  
WØPAN 10,416 124 42 A  
K7TR 9,984 104 48 A  
KB7SKZ 2,970 45 33 A  
AD7JX 2,640 44 30 A  
W7JSD 2,624 41 32 A  
KK7YL 1,218 29 21 A  
WB7TPH 180 10 9 A  
KK7EL 23,660 182 65 Q  
K6LL 282,560 1,766 80 U  
K7HP 112,960 706 80 U  
K7JQ 49,928 316 79 U  
KR2E 43,040 269 80 U  
AK7AZ (AK7AR, op)  
13,338 117 57 U  
AA7V 12,482 79 79 U  
NA2U 2,820 47 30 U

**Eastern Washington**

WD7K 60,060 390 77 B  
KF7TY 27,360 180 76 B  
WS7V 77,440 486 80 A  
W7CCY 38,808 252 77 A  
N7HCJ 23,760 165 72 A  
KF7PBM 22,204 182 61 A  
WAØWVWV 20,956 169 62 A  
KD7IBE 14,986 127 59 A  
AD7XG 14,820 130 57 A  
KC7H 8,064 84 48 A  
KW7J 198 9 11 A  
KK7VL 13,224 116 57 Q  
K7HPT 8,556 93 46 U  
K7IR (+ K7XH, K7XS, K7EDX,  
N9ADG, WA7IR)  
303,040 1,894 80 M  
WX7P (+ N7CKJ, KB7HDX,  
KA7LJQ)  
130,720 817 80 M

**Idaho**

KK7X 42,256 278 76 UL  
KØTO 208,104 1,334 78 B  
W7ZRC 138,880 868 80 A  
K7JAN 23,296 182 64 A  
WZ7Z 17,408 128 68 A  
N7VEA 14,652 111 66 A  
KG7WZ 11,322 111 51 A  
W7EKG 3,330 45 37 A  
W7GIB 312 13 12 A  
N7PI (KØIP, ND7O, KO7P, ops)  
109,178 691 79 M

**Montana**

N9RV 367,200 2,295 80 B  
AE7AP 53,250 355 75 A  
AD7MQ 21,924 174 63 A  
N7MSI 18,228 147 62 A  
N7JLD 646 19 17 A  
KS7T (+ AB5ZA)  
91,104 584 78 M

**Nevada**

N7TR 19,224 178 54 B  
WU6W 9,752 92 53 B  
KS6A 63,360 396 80 A  
WØHJW 34,632 234 74 A

WM7Y	22,630	155	73	A
KE7UQL	18,480	140	66	A
W7FD	11,872	112	53	A
K7DNH	11,368	98	58	A
AK7DB	9,216	96	48	A
W7RN (WX5S, op)				
	276,320	1,727	80	U
K7XC	158,560	991	80	U
K7NV	102,080	638	80	U
W6NF	77,760	486	80	U
WM7D	48,800	305	80	U
K7MKL	10,706	101	53	U

**Oregon**

N6LO (+ NC7M)				
	59,752	388	77	ML
K7BUY (+ KE7RVL)				
	25,728	201	64	ML
WO7V	10,952	74	74	UL
K7VIT	1,000	25	20	UL
W7SO	15,120	120	63	B
K7VGE	9,568	104	46	B
KK7CG	630	21	15	B
W7YAQ	212,000	1,325	80	A
N7VS	44,660	290	77	A
NH6Z	42,660	270	79	A
W7ASF	40,040	260	77	A
KE7AUB	36,450	243	75	A
KA6T	33,552	233	72	A
KU7K	28,490	185	77	A
KL7WP	27,740	190	73	A
K6UM	14,006	149	47	A
N7ELB	11,712	96	61	A
W7YVK	11,200	100	56	A
N7JEC	9,408	84	56	A
KE7NVA	5,092	67	38	A
K7JKM	3,286	53	31	A
KF7SNY	1,160	29	20	A
K7HXI	1,050	25	21	A
N7JI	24,318	193	63	Q
NX1P	138,880	868	80	U
K17Y	55,520	347	80	U
N6TW	8,640	80	54	U
W7KNX (+ K7GT & N5EG)				
	190,240	1,189	80	M
NK7J (+ W7SMF)				
	117,600	735	80	M
W7TVC (W8NF, K7HLH, AF8Z, K2PO, KD7VIK, ops @ WS7L)				
	101,120	632	80	M

**Utah**

N4RRL	6,278	73	43	UL
KF7P	83,840	524	80	B
WF4U	74,720	467	80	B
AG1T	20,034	159	63	A
N7JLC	10,246	109	47	A
KB6BYU	8,544	89	48	A
KD7SWL	7,224	84	43	A
KF7MSS	84	7	6	A
N1XIH/7	16,592	136	61	Q
NØKGM	5,382	69	39	Q
AF7Z	146,400	915	80	U
K7UT	65,412	414	79	U
W7IVM (KE7IK, AC7II, K7TWT, KF7TAS, KF7EBX, ops)				
	5,472	76	36	M

**Western Washington**

W7PSK	19,000	125	76	UL
K8TOM	13,244	86	77	UL
K7DVD	8,428	86	49	UL
W7WA	343,360	2,146	80	B
K7RL	327,040	2,044	80	B
N7TT	178,080	1,113	80	B
WA7PRC	100,172	634	79	B
AB7R	98,240	614	80	B
W7PU	51,282	333	77	B
KG7P	31,828	218	73	B
N7RVD	27,380	185	74	B
K7EG	16,786	109	77	B
K2AVI	4,464	62	36	B
W7WEC	41,272	268	77	A
WR5J	40,460	289	70	A
KB7KYK	35,076	237	74	A
WA7DX	35,040	219	80	A
KD7RUS	30,680	236	65	A
K7HBN	29,722	193	77	A
W8BFX	22,704	172	66	A
KE7RPR	22,632	164	69	A
W7QN	20,008	164	61	A
N7LOX	19,588	166	59	A
N6LB	16,124	139	58	A
N7WA	14,112	147	48	A
AI7AA	13,970	127	55	A
K7LOP	12,324	79	78	A
K7STO	10,506	103	51	A
W7DRT	9,048	87	52	A
KA7RRA	8,280	90	46	A
AI9Q	7,590	69	55	A
KD7YDL	7,488	78	48	A
KE7UXN	2,352	42	28	A
AK7S	2,280	38	30	A
KC7WDL	2,052	38	27	A
N7QS	1,178	31	19	A
KF7KOL	680	20	17	A
K1NDT	144	8	9	A
WN7Z	126	9	7	A
NN7SS (K6UFO, op)				
	108,160	676	80	Q
WA7PVE	51,128	332	77	Q
W7PT	30,956	218	71	Q
K6ZY	12,810	105	61	Q
W7IJ	64,622	409	79	U
WG7X	36,340	230	79	U
W7LKG	13,280	83	80	U
W7DK (K7ZG, KD7DKY, N7DOE, W7MPC, W7WG, WB4SPB, ops)				
	11,808	144	41	M

**Wyoming**

K7VU (+ K7RDC)				
	157,440	984	80	ML
N7QAX	32,760	210	78	UL
K7EMR (+ K4EMR)				
	21,120	160	66	ML
K7KU (KØKR, op)				
	216,000	1,350	80	B
N7MZW	139,986	909	77	A
WB4UIC	108,546	687	79	A
KB7QOS	36,960	231	80	A
N7IX	31,758	237	67	A
KS7WY	4,096	64	32	A
K7WA	3,672	68	27	A
W7MEW	60	6	5	A
N7JT	16,320	102	80	U

WY7SS (WY7LL, WY7FD, WY7KRA, ops)				
	264,480	1,653	80	M
KO7X (+ KD7RQU)				
	71,200	445	80	M

**8**

**Michigan**

KB8TXZ (+ KD8BXT)				
	76,960	481	80	ML
WC5B	48,480	303	80	UL
W8HP (AB8SA, K8DRV, N8FE, WB8SBI, ops)				
	39,040	244	80	ML
K8GT	33,264	231	72	UL
K8SIX	33,228	213	78	UL
KC8PKY (+ KC8OBH)				
	33,120	230	72	ML
W8ZHO (W8CJS, NA8M, K8EOD, KD8OCZ, WA8M, ops)				
	23,244	149	78	ML
K8MU	22,080	160	69	UL
KD8PGT (AC8AL, KD8DHJ, KD8PWT, KD8IIVJ, ops)				
	12,720	106	60	ML
K8AO	199,870	1,265	79	B
K8MJZ	30,624	232	66	B
K8RGM	11,352	86	66	B
WA8TM	476	17	14	B
WD8S	107,360	671	80	A
WZ8T	98,080	613	80	A
KE8FO	72,000	450	80	A
N8NX	57,572	389	74	A
K8SSB	49,120	307	80	A
WA8FRE	46,368	322	72	A
N8KAM	43,624	287	76	A
N8BB	36,348	233	78	A
KO8Z	35,234	223	79	A
WB8MIW	34,188	231	74	A
W8DW	33,136	218	76	A
N8SBE	32,708	221	74	A
KJ8O	30,784	208	74	A
AB8OJ	29,784	204	73	A
N8HKU	29,680	212	70	A
KB8MUP	26,980	190	71	A
K8QH	25,560	180	71	A
KB8TWM	25,460	190	67	A
N8ZSA	23,288	164	71	A
KE8UM	21,172	158	67	A
KC8CY	21,000	140	75	A
N8HAM	19,584	136	72	A
NF8M	13,776	123	56	A
W8KZP	12,840	107	60	A
AC8KD	12,636	117	54	A
N8EN	10,388	98	53	A
N8ERL	9,800	100	49	A
WA8BIJ	9,600	100	48	A
N8AVX	8,004	87	46	A
KD8DX	6,390	71	45	A
KD8OKH	6,232	76	41	A
AC8ZX	5,880	70	42	A
K8TLC	5,576	68	41	A
WA8AEN	4,736	64	37	A
KD8GRG	4,270	61	35	A
WB8WNF	3,264	48	34	A
W8JJ	2,400	50	24	A
KD8PKI	1,550	31	25	A

KD8LLT	1,368	36	19	A	WA8SSQ	7,728	84	46	A	K9ADL	31,160	205	76	A	
KB8QYJ	162	9	9	A	KD8IVA	6,864	78	44	A	KC9AMM	30,104	212	71	A	
N8MSA	84	7	6	A	KJ0EYT	6,794	79	43	A	KB9CYL	29,394	207	71	A	
KB8POD	40	5	4	A	W8WTS	1,092	26	21	A	W9WJ	27,580	197	70	A	
K9TRV	2	1	1	A	KD8QFM	440	20	11	A	WQ9T	27,300	195	70	A	
KT8K	55,380	355	78	Q	WB8SDA	84	7	6	A	W9TOC	18,600	150	62	A	
N8XX	27,064	199	68	Q	N8IE	46,768	296	79	Q	NV9X	18,056	148	61	A	
N8SNM	206,400	1,290	80	U	KQ8RP	38,766	273	71	Q	WB0WKF	16,740	135	62	A	
K8BZ	85,800	550	78	U	N8QE	30	5	3	Q	K9WMS	16,720	110	76	A	
N6FS	45,440	284	80	U	ND8L	106,240	664	80	U	WB8BZK	16,616	134	62	A	
K8MM	19,698	147	67	U	N8TR	77,280	483	80	U	K9TMS	15,812	118	67	A	
K8ZZU	13,272	84	79	U	N8IVE	39,360	246	80	U	K9DEB	13,570	115	59	A	
K8THU	7,308	63	58	U	N8KOJ	480	15	16	U	KC9GZB	13,104	117	56	A	
NT8V (+ AC8W & N5ASU)					W8BI (KD8HSV, op)					KE9EX	11,830	91	65	A	
	93,920	587	80	M		54,288	348	78	M	KC9UJS	11,640	97	60	A	
K8EO (+ K8RO, N8REZ, N8PYN)					<b>West Virginia</b>					KA9QGH	11,564	118	49	A	
	50,560	316	80	M	N8II	276,640	1,729	80	B	K9JK	10,710	105	51	A	
W8SH	60,480	378	80	S	N4ZR	115,840	724	80	B	KC9ZO	10,240	80	64	A	
W8UM	8,640	96	45	S	W8IVF	68,572	434	79	B	K9BTW	10,230	93	55	A	
<b>Ohio</b>					K8JQ	31,584	329	48	B	AA9IL	10,098	99	51	A	
N8HR (KC8BEW, KD8MST, KF8NZ, N8VV, NY8P, W8TJT, WX8P, WZ8P, ops)					K8NY	25,988	178	73	B	N9BT	10,000	100	50	A	
	153,920	962	80	ML	W8ZA	25,160	185	68	B	WD9HBC	9,894	97	51	A	
KC8IMB (+ KC8YVZ)					WB8EKG	20,440	140	73	A	N9JF	9,506	97	49	A	
	95,040	594	80	ML	KU1T	106,400	665	80	U	WD9EJK	9,212	98	47	A	
W8VI (+ N5EE)					K8WT (+ KV8S)					W9KVR	8,262	81	51	A	
	86,240	539	80	ML		109,802	713	77	M	W9SE	7,998	93	43	A	
WS6K	55,932	354	79	UL	<b>9</b>					N9EVW	7,568	88	43	A	
W8ASA	34,476	221	78	UL	<b>Illinois</b>					AG9A	7,008	73	48	A	
N9AUG	25,760	161	80	UL	K9IR	78,080	488	80	UL	WD9E	4,324	47	46	A	
AA8BV	96,096	616	78	B	W9QL	68,320	427	80	UL	KA9CLP	3,400	50	34	A	
WD8EOL	51,948	333	78	B	N9TF	62,720	392	80	UL	K9YVT	2,812	38	37	A	
AC8E	50,694	357	71	B	N9WEW	50,560	316	80	UL	KA9QGG	1,012	22	23	A	
N8HP	45,662	289	79	B	N9NA (+ KC9NLX & K9DRW)					KB7ISP	162	9	9	A	
KF8UN	29,748	201	74	B		39,600	264	75	ML	KC9TAL	128	8	8	A	
N8KQ	28,800	200	72	B	AB9M	37,422	243	77	UL	N9IH	84	7	6	A	
WD8KNC	19,344	156	62	B	N9YH (+ KC9PJN)					WO9I	70	7	5	A	
K8VUS	16,128	144	56	B		36,344	236	77	ML	KB9ORA	24	3	4	A	
N8DSG	13,104	104	63	B	NG9R	28,704	184	78	UL	K9JU	18,422	151	61	Q	
W9OBQ	10,790	83	65	B	KA9MOM	27,040	169	80	UL	KC9NJZ	11,110	101	55	Q	
K1OU	130,400	815	80	A	KB9NW	25,944	188	69	UL	AI9K	11,024	106	52	Q	
W8TM	112,640	704	80	A	N9DT	15,552	108	72	UL	KC9UNL	6,164	67	46	Q	
N8AA	81,760	511	80	A	N9MSG	7,938	81	49	UL	WD9FYF	144	8	9	Q	
KB8UJZ	75,520	472	80	A	W9CA (KK9DX, op)					KC9CMP	24	3	4	Q	
KB8UHN	56,826	369	77	A		6,768	72	47	UL	N2BJ	234,880	1,468	80	U	
N8BV	52,572	337	78	A	K9CT	240,640	1,504	80	B	N9IO	61,920	387	80	U	
AA8IA	36,708	266	69	A	K9BGL	234,240	1,464	80	B	N9OK	58,080	363	80	U	
WA8TWM	32,680	215	76	A	KB9UWU	192,160	1,201	80	B	K9ZM	52,960	331	80	U	
KC8QHT	29,400	210	70	A	KK9H	88,764	569	78	B	K9MMS	47,894	311	77	U	
KB8SHE	28,696	211	68	A	W9OO	34,080	213	80	B	KI9A	42,104	277	76	U	
NR8U	25,792	208	62	A	KX9DX	30,150	225	67	B	N9GH	35,360	221	80	U	
K8AB	25,704	189	68	A	K3WA	28,560	210	68	B	W9GIG	24,648	158	78	U	
WT8E	25,438	161	79	A	AI9T	18,560	160	58	B	W9TMW	15,540	105	74	U	
N4HAI	25,160	170	74	A	KG9N	12,516	149	42	B	N9GUN	10,976	98	56	U	
NR8R	25,116	182	69	A	KB8SB	10,208	116	44	B	W9II	7,644	78	49	U	
KA8SBI	23,120	170	68	A	W3HDH	2,480	40	31	B	KM9M	2,352	56	21	U	
WT8MW	21,560	154	70	A	K9ZO	217,120	1,357	80	A	N9SJ (+ WD9CIR)		183,040	1,144	80	M
WA8RJF	18,910	155	61	A	N9LYE	76,160	476	80	A	W9YK (+ N0FCD & KC9OFE)		83,680	523	80	M
W8KNO	15,680	160	49	A	AA9RT	68,484	439	78	A	KC0TOT	6,970	85	41	M	
WA8LOW	14,560	104	70	A	N9NT	67,392	432	78	A	N9YN (N9IH, N9PLD, AB9TF, ops)		3,774	51	37	M
KB8MYC	13,566	119	57	A	N9REP	65,440	409	80	A						
KD8MZA	13,158	129	51	A	K9JE	59,092	374	79	A	<b>Indiana</b>					
K8RJW	12,096	112	54	A	WO9S	43,992	282	78	A	K9WX	20,128	136	74	UL	
W8HMK	11,036	89	62	A	KC9IL	41,160	294	70	A	W9TN	10,200	85	60	UL	
N8ZAK	10,400	100	52	A	N9CO	34,720	248	70	A	KJ9C	126,080	788	80	B	
K8MP	8,910	135	33	A	KC9QPM	31,536	216	73	A	W9RE	80,184	514	78	B	

K9WWT	49,140	378	65	B
KB9QRH	20,002	137	73	B
KR9E	7,708	82	47	B
K9IG	3,472	56	31	B
KE9I	68,952	442	78	A
K9MV	54,912	352	78	A
NY9K	53,504	352	76	A
N7NGO	51,128	332	77	A
W9ZRZ	46,176	296	78	A
N9FC	35,392	224	79	A
KD4ULW	28,810	215	67	A
WC9C	17,136	136	63	A
N9AX	16,000	100	80	A
K9SQL	13,680	120	57	A
N4YHC	9,696	101	48	A
N0EOP	1,386	33	21	A
KG9HM	1,044	29	18	A
KB9VTK	756	21	18	A
W9IU	176,320	1,102	80	U
N9WKW	49,920	312	80	U
AJ9C	19,398	183	53	U
K0TQ	6,622	77	43	U
K9IU (KB9WRA, N9VKU, KD5CFX, ops)	8,832	96	46	S

### Wisconsin

N9CK (+ NQ9A)	56,480	353	80	ML
W9XT	42,042	273	77	UL
AD9P	17,640	140	63	UL
W9/DO1FDK	12,348	126	49	UL
N0IJ	154,050	975	79	B
N9UY	50,160	330	76	B
K1TN	26,070	165	79	B
W9WS	21,976	164	67	B
K9VS	3,850	55	35	B
K9EN	1,404	27	26	B
KB9QWD	187,360	1,171	80	A
W9FZ	102,400	640	80	A
W9AV	49,588	322	77	A
AB9XI	41,272	268	77	A
K9KR	40,200	268	75	A
K9BTQ	39,780	255	78	A
WB9BWP	28,420	203	70	A
WB9IRF	28,416	192	74	A
AB9CD	25,476	193	66	A
KC9LFP	23,240	166	70	A
WR9Y	22,100	170	65	A
KA9JBD	19,912	131	76	A
W9DKB	16,356	141	58	A
AF9T	16,254	129	63	A
NX9A	10,878	111	49	A
W9JET	10,296	99	52	A
W9KHH	10,176	96	53	A
K0CD	9,996	98	51	A
WE9V	7,644	78	49	A
W0AIH	6,776	77	44	A
KC9DOA	5,084	62	41	A
WY9E	2,838	43	33	A
W9WLX	2,300	46	25	A
K9ARF	21,170	145	73	Q
AF9J	13,750	125	55	Q
WW9R	107,040	669	80	U
K9GS	6,100	61	50	U
KA9FOX	3,224	52	31	U
NE9U	2,106	39	27	U

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### Colorado

ACØXR (+ KDØBJT)	63,360	396	80	ML
WØFRC (KØGIE, KØSU, KØKMK, KØGAU, KCØZMR, ops)	55,800	372	75	ML
KRØVER (+ ACØVQ, KJ4EWA + ops)	41,550	277	75	ML
ACØBI	22,464	144	78	UL
KCØGBC (+ WØETT)	17,072	194	44	ML
KCØBID (+ KDØJAY)	14,994	119	63	ML
KØXTR	23,664	204	58	B
KØALT	18,468	162	57	B
K1DDN	12,430	113	55	B
W6TMV	9,300	93	50	B
NAØBR	3,570	51	35	B
NØGOS	56,736	394	72	A
WAØKAQ	40,348	262	77	A
KØVXP	26,460	189	70	A
KØTIV	25,668	186	69	A
KA5GTM	23,040	180	64	A
NØRU	20,280	130	78	A
WØCO	17,152	134	64	A
KØANS	15,456	138	56	A
WØSG	14,820	114	65	A
K1ING	14,400	150	48	A
WØATI	14,160	118	60	A
NGØT	8,162	77	53	A
NØAY	7,614	81	47	A
KBØUBZ	7,584	79	48	A
KBØJIT	4,464	62	36	A
KBØNIB	1,400	28	25	A
KDØPWF	816	24	17	A
NØUX	384	16	12	A
KØLDS	200	10	10	A
NØAJN	18	3	3	A
KØLAI	2	1	1	A
KØKE	92,320	577	80	Q
KIØRB	18,720	156	60	Q
KQØC	217,120	1,357	80	U
NØTA	88,322	559	79	U
KBØYH	60,480	378	80	U
WØGM	47,200	295	80	U
WB6RAB	35,412	227	78	U
KFØLA	15,092	98	77	U
KØDU (+ KØCL)	297,280	1,858	80	M

### Iowa

NUØQ	49,440	309	80	UL
KØSXY	7,584	79	48	ML
WØPPF	16,048	136	59	B
KBØL	1,152	24	24	B
WBØLJK	52,800	330	80	A
NØHD	44,232	291	76	A
ADØH	37,560	313	60	A
KDØLRG	21,350	175	61	A
NØLOH	20,234	151	67	A
NØNGZ	1,920	48	20	A
N9HDE	192	12	8	A
WØEA	28,576	188	76	Q
NØXR (@ NØNI)	271,200	1,695	80	U
WØYV	123,520	772	80	U

NØMA (W7II, KØDAS, NØLNO, KCØSKM, KBØNRP, KCØYGW, NØCIH, WØIY, NØAGL, ops)	141,920	887	80	M
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### Kansas

KØJJM (+ KCØIUY)	68,484	439	78	ML
KCØDEB	5,412	66	41	UL
KØVXU	86,584	548	79	B
WAØN	80,320	502	80	B
WØCEM	64,800	405	80	B
ACØRL	28,350	225	63	B
NØGMT	25,432	187	68	B
KØBJ	64,480	403	80	A
WYØI	45,990	315	73	A
KBØYFN	40,128	264	76	A
KBØMQX	19,840	155	64	A
WBØZWW	19,320	140	69	A
KCØGL	18,290	155	59	A
WØGUY	14,742	117	63	A
NØNB	14,514	123	59	A
WBLM	11,664	108	54	A
WØIE	10,192	104	49	A
ACØE	3,996	54	37	A
NYØT	3,648	48	38	A
NØLQT	3,640	52	35	A
NØMTC	2,184	39	28	A
NØJK	966	23	21	A
KBØUKW	144	9	8	A
ACØSX	40	4	5	A
KØRH	85,162	539	79	Q
KØFJ	72,522	459	79	U
KEØMD	23,184	168	69	U
NØLD	4,134	53	39	U
WØNO (+ ABØS, KØWA, ABØTX)	289,920	1,812	80	M
WXØU (+ KØEMP)	119,680	748	80	M
KAØBHO (KAØBAT, op)	15,982	131	61	M
KØHC (WØBH + ops)	254,560	1,591	80	S
WØQQQ (NØVRP, WØVMP, KO4MH, ops)	270	15	9	S

### Minnesota

KØTI	111,680	698	80	UL
KØAD	96,800	605	80	UL
KØTG	96,000	600	80	UL
KØMPH	85,920	537	80	UL
KEØL	54,362	353	77	ML
NØEO (+ AAØAW)	42,186	267	79	ML
NØKBD	37,088	244	76	UL
WØRU	34,444	218	79	UL
WØNE (ACØVA, K2OPT, KBØYJU, KCØRSX, KC9IWE, KDØNTM, KFØQ, KG6RLM, ops)	32,074	203	79	ML
WBØSOK	25,760	161	80	UL
KSØT	21,868	142	77	UL
KØEKL	12,300	82	75	UL
NØANP	8,918	91	49	UL
KDØCVO	3,102	47	33	UL
WØVB	4	2	1	UL
K9DU	106,568	692	77	B

KIØF	95,628	613	78	B
NVØP	94,692	607	78	B
KØJJR	71,136	456	78	B
KMØO	56,012	418	67	B
KØVG	16,768	131	64	B
NØOK	15,600	100	78	B
NEØU	11,704	76	77	B
NØKK (@NØAT)				
	207,360	1,296	80	A
KØCN	131,680	823	80	A
NØUY	114,504	734	78	A
NØHJZ	98,400	615	80	A
KØPC	69,000	460	75	A
NØWE	67,236	431	78	A
KA8HDE	58,520	385	76	A
AIØQ	48,960	306	80	A
KØLEJ	46,046	299	77	A
NØODK	33,552	233	72	A
WAØRBW	25,220	194	65	A
NØBGO	22,494	163	69	A
KØVH	17,514	139	63	A
WØRK	16,770	129	65	A
KJØP	15,616	122	64	A
KØSV	14,976	117	64	A
K9WN	13,800	92	75	A
WØGAF	12,168	117	52	A
WAØVPJ	12,152	98	62	A
KØUH	12,096	112	54	A
KCØDMF	11,424	112	51	A
WAØWOV	11,322	111	51	A
KCØVFP	11,024	104	53	A
WØZQ	10,476	97	54	A
WAØOTO	6,750	75	45	A
KJ5WU	2,704	52	26	A
KØBRG	2,236	43	26	A
NØBM	782	23	17	A
NDØC	81,844	518	79	Q
WAØMHJ	38,710	245	79	Q
KE4KE	5,848	68	43	Q
K1KD	264,480	1,653	80	U
KTØR (KØOB, op)				
	159,840	999	80	U
KØBUD	83,776	544	77	U
NØBUI	82,318	521	79	U
WBØN	78,468	503	78	U
KØMD	75,000	500	75	U
KØYR	60,514	383	79	U
KØRC	58,880	368	80	U
NØIM	52,298	331	79	U
NØBK	49,600	310	80	U
WØERP	45,030	285	79	U
KØKX	31,758	201	79	U
WØLM	24,806	157	79	U
KCØRET	10,816	104	52	U
KØJE (+ KØJA)				
	42,028	266	79	M
WØJEC (+ WØBKY)				
	16,428	111	74	M
<b>Missouri</b>				
KØORB (KØIZ, NZØF, WØAVE, NØSZE, KCØBS, KØCAM, ACØCO, WØDEW, NOTEK, KDØIIA, ops)				
	95,326	619	77	ML
KBØNHV (+ NØPVZ, KDØLHI, KDØLHJ, KCØWEI, KCØWLG, KG4WHP)				
	51,324	329	78	ML

WØPC (+ ACØNF & KDØLNT)				
	34,506	243	71	ML
WCØWB	1,020	34	15	UL
KFØIQ	200	10	10	UL
KØDEQ	171,840	1,074	80	B
KØOU	100,000	625	80	B
WØAO	42,900	286	75	B
KUØG	155,200	970	80	A
WAØBJR	60,320	377	80	A
WØHBH	57,512	364	79	A
WBØPYF	45,276	294	77	A
W7KAM	43,776	288	76	A
KØLAF	39,600	264	75	A
WBØQLU	31,824	204	78	A
W9AAC	17,152	128	67	A
WØERJ	15,776	116	68	A
KCØWCM	10,370	85	61	A
N5MU	8,250	75	55	A
KFØF	5,166	63	41	A
WØZM	3,528	49	36	A
WØNFS	3,432	52	33	A
K4BEZ	644	23	14	A
NØUB	540	18	15	A
KAØP	216	12	9	A
KDØMRJ	32	4	4	A
NVØU	26,860	170	79	Q
WDØECO	85,440	534	80	U
ADØDX	49,452	317	78	U
AAØA	10,070	95	53	U
NSØM	4,692	51	46	U
K2KR (+ KCØINX & KCØMOM)				
	126,720	792	80	M
KIØY (+ KIØHA)				
	45,120	282	80	M
WØEEE (NØSSC, NØAX, ACØSU, KDØNUK, KCØYDZ, ops)				
	93,760	586	80	S
<b>North Dakota</b>				
NØUD (WBØOAJ, op)				
	14,022	123	57	A
NØGF (K9DIG, KEØA, KØLWT, KIØLS, KDØOSK, ops)				
	235,092	1,507	78	M
WØJER (N7IV & W7MEX, ops)				
	151,788	973	78	M
<b>Nebraska</b>				
KØUSA (NØTRK, KØCTU, KBØSHZ, ops)				
	11,970	105	57	ML
WMØL	94,128	636	74	B
NØLIA	27,520	215	64	A
KBØQH	26,666	199	67	A
AAØW	12,180	87	70	A
WØKT	11,872	112	53	A
NØHTV	11,856	104	57	A
WØPY	6,534	99	33	A
AAØAA	1,776	37	24	A
KØZL	64,526	419	77	Q
KIØII	1,716	33	26	Q
KØGND (+ NUØC, KØNEB, KØNC)				
	182,332	1,154	79	M
<b>South Dakota</b>				
KKØSD (+ KDØNIQ, KBØKBJ)				
	87,828	563	78	ML

WØSD (WØDB, op)				
	251,840	1,574	80	B
NØSXX	40,848	296	69	A
WBØULX	34,504	227	76	A
KGØMW	25,058	187	67	A
WBØHHM	456	19	12	A
KDØS (WDØT, op)				
	79,716	511	78	Q
KØWIU	15,276	134	57	Q
WØZWY (KBØWSW + ops)				
	2,106	39	27	M
KØVVY (NMØH, KMØH, KCØYLD, WØMZ, KDØNAM, ACØLU, NØLAN, ops)				
	56,736	394	72	S

## Canada

### Alberta

VE6SH	29,568	192	77	UL
VA6MA	26,640	180	74	UL
VE6BBP	95,590	605	79	B
VE6SQ	37,440	260	72	A
VE6DKC	11,648	112	52	A
VA6AM	3,472	56	31	A
VA6NJK	44,714	283	79	U
VE6AO (VE6TC, op)				
	235,736	1,492	79	M
VE6EX (+ ops)				
	212,800	1,330	80	M
VE6RFM (+ VE6LZ)				
	57,354	363	79	M

### British Columbia

VE7IO (VA7BWG, VA7GL, VA7XB, VE7JT, VE7OFH, VE7SM, ops)				
	37,280	233	80	ML
VE7CC	249,600	1,560	80	B
VA7JW	93,694	593	79	B
VA7RR	256,160	1,601	80	A
VA7ST	104,960	656	80	A
VE7BC	69,760	436	80	A
VA7AM	68,838	447	77	A
VE7JKZ	47,808	332	72	A
VA7DXC	12,180	105	58	A
VE7FCO	11,220	110	51	A
VE7BGP	10,692	99	54	A
VE7AX	35,856	249	72	U
VE7TG	25,122	159	79	U

### Maritime

VE9OA (+ VE9BWK)				
	16,974	123	69	ML
VE1ZA	308	14	11	UL
VY2ZM (K1ZM, op)				
	358,240	2,239	80	B
VE9AA	89,920	562	80	B
VA1MM	30,744	252	61	B
VY2LI	76,608	504	76	A
VE1SQ	29,640	190	78	A
VA1CHP	98	7	7	A
VE9HF	42,080	263	80	U

### Manitoba

VE4EAR	253,760	1,586	80	B
VE4YU	52,930	335	79	A
VE4EA	21,400	214	50	A
VE4JWC	16,456	121	68	A
VE4RA	8,874	87	51	A

**Newfoundland/Labrador**

VO1MP	169,280	1,058	80	B
VO1TA	100,320	627	80	B
VO1KVT	41,038	289	71	B
VO1BQ	11,610	135	43	A

**Northern Territories**

VE8EV	266,080	1,663	80	B
VE8GER	29,120	208	70	A
VE8DW	3,332	49	34	A
VY1FC	1,040	26	20	A

**Ontario**

VE3MGY	130,560	816	80	ML
VE3SGB (VA3KUG, VE3FSH, VE3NLS, VE3REK, VE3SQT, ops)	34,018	233	73	ML
VE3XAT	5,208	62	42	UL
VA3SRV	3,264	48	34	UL
VA3BD	78,880	493	80	B
VA3FN	1,512	36	21	B
VE3RCN	98,118	621	79	A
VE3TW	84,960	531	80	A
VE3AUO	16,048	136	59	A
VE3GYL	15,480	129	60	A
VE3EJ	10,098	99	51	A
VA3ZAK	6,020	70	43	A
VA3TPV	2,496	48	26	A
VE3LM	1,190	35	17	A
VA3DF	65,570	415	79	Q
VE3XTI	32,480	232	70	Q
VE3HG	25,296	186	68	Q
VA3RKM	286	13	11	Q
VE3RZ	144,160	901	80	U
VA3PC	62,880	393	80	U
VE3BK	6,840	76	45	U
VE3TL	4	2	1	U

**Quebec**

VA2WA (VA2WDQ, op)	64,000	400	80	UL
VE2JM	93,324	606	77	A
VE2HIT	92,196	591	78	A
VE2AWR	85,920	537	80	A
VE2TSM	17,934	183	49	A
VE2EBK	7,176	92	39	A
VE2QV (VE2FFE, op)	2,024	46	22	A
VA2UTC	9,964	94	53	Q
VE2NGH	37,604	238	79	U
VE2EZD	17,608	142	62	U

**Saskatchewan**

VE5SF	169,920	1,062	80	A
VE5ZX	112,000	700	80	A
VE5AAD	52,632	387	68	A
VE5JL	27,264	192	71	A
VA5LF	14,900	149	50	A
VE5MX	115,680	723	80	U