

2011 ARRL CW Sweepstakes - Initial Results  
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*“The sun illuminates only the eye of the man, but shines into the eye and the heart of the child” –Ralph Waldo Emerson*

What a difference a year makes! Contesters have been saying that a lot of late, as the uptick in Cycle 24 produced marked improvements on the high bands during every event in the 2011-2012 contest season. SS CW was no different. Combine better high-band activity with two new entry categories in 2011 and the Grand Soiree was enjoyed by “children” from all over the US and Canada, old-timer and newcomer alike.

There are familiar names all over the top of the 2011 CW Sweepstakes. Interestingly, most of them are out west this year. Congratulations to all the winners!

CLASS	CALL	SCORE	QSOs	MULTS	SECTION
Single Operator, High Power	N2IC	235,520	1,472	80	NM
Single Operator, Low Power	K7BG	192,960	1,206	80	MT
Single Operator, QRP	W7RM (N6TR, op)	145,518	921	79	OR
Single Operator Unlimited, High Power	N6RO	210,560	1,316	80	EB
Single Operator Unlimited, Low Power	KK7S	168,480	1,053	80	WWA
Multioperator, High Power	W6YI	225,600	1,410	80	SDG
Multioperator, Low Power	NP4DX	181,760	1,136	80	PR
School Club	W6YX	213,600	1,335	80	SCV

Steve, N2IC, returns to the top spot in High Power with 235,520 points, beating Pat, N9RV by only 22 QSOs. You may remember that the High Power category finished in a dead-heat tie between Pat and Mark AG9A (at NØNI) last year.

In Single Op, Low Power, Matt, K7BG, finally got his plaque. After 10 consecutive years in the Top 10, he finally bested his nearest rival (and good friend) Randy, KØEU. Matt has previously said he tweaks his operating strategy and his station every year and this year it paid off.

Log-checker extraordinaire Tree, N6TR, piloted W7RM to the top spot in QRP with new *National Contest Journal* editor Kirk, K4RO, coming in second.

This year saw the Single Operator Unlimited and the Multioperator class sub-divided into High Power and Low Power. In Single Op Unlimited, High Power, Ken, N6RO brought his station to victory by a nose over perennial favorite Dave, K6LL. In the new class of Unlimited, Low Power, Chadd, KK7S, narrowly beat Victor, VA2WDQ (at VA2WA).

Multiop, High Power went to the gang at W6YI, beating the W2FU team from Rochester, NY, while in Multiop, Low Power, Puerto Rico’s NP4DX cruised to a sizable victory over N6KI.

Taking advantage of the rule that allows alumni operators, Stanford's W6YX claims victory in the School Club category for the second year in a row, besting Hesston College (Kan.) school club station KØHC (WØBH, op).

As always, this initial results article merely gives the highlights of SSCW; look for the Expanded Results article to come out in April at [www.arrl.org/contests](http://www.arrl.org/contests), which will have lots of in-depth coverage, analysis and lots of other data. Until then, 73!

## 2011 ARRL CW Sweepstakes - Top Ten by Category

CALL SCORE

### Single Operator, High Power

N2IC	235,520
N9RV	232,000
VY2ZM (K1ZM, op)	229,760
NØNI (AG9A, op)	227,040
KH7X (KH6ND, op)	219,360
N5RZ	218,720
N2NT (N2NC, op)	216,000
WDØT	215,360
K6LA	212,000
W7RN (N6TV, op)	210,720

### Single Operator, Low Power:

K7BG	192,960
KØEU	187,680
NAØN	183,680
N9CK	178,066
N8OO	175,040
N7VM	174,560
KØLUZ	171,520
NO3M	169,920
W7WA	169,760
KØAD	168,640

### Single Operator, QRP

W7RM (N6TR, op)	145,518
K4RO	124,030
WØMHS	119,520
NØUR	115,340
NN7SS (K6UFO, op)	114,080
KØPC	113,568
KØAV	112,320
W1XX	109,512
N7IR	109,336
K9ZO	108,546

### Single Operator Unlimited, High Power

N6RO	210,560
K6LL	210,080
K3MM	209,120
W4MR (AA4NC, op)	204,160
N4ZZ	200,480
NY3A	196,800
K7NV	193,600
KB7Q	185,120
K6SRZ	184,640
N4BP	182,720

CALL SCORE

### Single Operator Unlimited, Low Power

KK7S	168,480
VA2WA (VA2WDQ, op)	167,840
KE7X	167,360
K2NNY (K2DB, op)	165,760
K8BL	158,080
N9CO	156,000
N4PN	154,720
K3AU (K2YWE, op)	154,080
ACØDS	143,040
N2MM	140,000

### Multioperator, High Power

W6YI	225,600
W2FU	208,800
KP2M	205,920
VE6EX	190,720
W5RU	189,440
WØDLE	183,680
KØBJ	182,880
W4RM	169,280
W6TK	163,200
N6WIN	160,320

### Multioperator, Low Power

NP4DX	181,760
N6KI	128,320
K3LID	100,800
KØUK	79,772
WR4I	69,888
VE4DR	60,532
WA6KYR	52,128
WD0GTY	35,568
N2AW	16,048
KK5OV	12,480

### School Club

W6YX	213,600
KØHC (WØBH, op)	179,040
W4UAL	55,616
W3ABT (K3BHX, op)	53,592
N5XU (AA5BT, op)	36,656

## 2011 ARRL CW Sweepstakes – Division Winners

DIVISION	CALL	SCORE
<b>Single Operator, High Power</b>		
Atlantic	AA3B	203,680
Central	W9RE	209,120
Dakota	WDØT	215,360
Delta	WO4O	141,094
Great Lakes	W5MX	185,760
Hudson	N2NT (N2NC, op)	216,000
Midwest	NØNI (AG9A, op)	227,040
New England	K8PO	196,000
Northwestern	N9RV	232,000
Pacific	KH7X (KH6ND, op)	219,360
Roanoke	N4AF	198,400
Rocky Mountain	N2IC	235,520
Southeastern	NP2X	195,520
Southwestern	K6LA	212,000
West Gulf	N5RZ	218,720
Canada	VY2ZM (K1ZM, op)	229,760

### Single Operator, Low Power

Atlantic	NO3M	169,920
Central	N9CK	178,066
Dakota	NAØN	183,680
Delta	N8OO	175,040
Great Lakes	W1NN	161,760
Hudson	W2LK	144,320
Midwest	KØVBU	148,204
New England	K1BX	165,760
Northwestern	K7BG	192,960
Pacific	KF6T	155,360
Roanoke	N4UA	123,714
Rocky Mountain	KØEU	187,680
Southeastern	KØLUZ	171,520
Southwestern	AA6PW	152,000
West Gulf	W8FN	151,838
Canada	VE5ZX	146,560

### Single Operator, QRP

Atlantic	K2ZR	99,176
Central	K9ZO	108,546
Dakota	NØUR	115,340
Delta	K4RO	124,030
Great Lakes	N5EE	93,288
Hudson	KR2Q	85,488
Midwest	WØMHS	119,520
New England	W1XX	109,512
Northwestern	W7RM (N6TR, op)	145,518
Pacific	W6JTI	102,400
Roanoke	W7IY	104,052
Rocky Mountain	KØAV	112,320
Southeastern	N4JF	99,066
Southwestern	N7IR	109,336
West Gulf	K5NZ	93,784
Canada	VA3DF	97,032

### Single Operator Unlimited, High Power

Atlantic	K3MM	209,120
Central	NE9U	159,200
Dakota	K1KD	167,360
Delta	N4ZZ	200,480
Great Lakes	K8BZ	99,200
Hudson	W2VQ	97,920
Midwest	NØXR	162,740
New England	W1SJ	160,320

### Single Operator Unlimited, High Power (con'd)

Northwestern	KB7Q	185,120
Pacific	N6RO	210,560
Roanoke	W4MR (AA4NC, op)	204,160
Rocky Mountain	WØZA	170,400
Southeastern	N4BP	182,720
Southwestern	K6LL	210,080
West Gulf	W5RQ	110,560
Canada	VE3KI (@ VE3FU)	158,080

### Single Operator Unlimited, Low Power

Atlantic	K2NNY (K2DB, op)	165,760
Central	N9CO	156,000
Dakota	KØMPH	131,930
Delta	N4DW	129,920
Great Lakes	K8BL	158,080
Hudson	WA2PJI	17,292
Midwest	NUØQ	75,366
New England	W1WBB	104,480
Northwestern	KK7S	168,480
Pacific	K7GK	95,940
Roanoke	K4XD	131,840
Rocky Mountain	ACØDS	143,040
Southeastern	N4PN	154,720
Southwestern	KU7Y	56,940
West Gulf	N1CC	100,960
Canada	VA2WA (VA2WDQ, op)	167,840

### Multioperator, High Power

Atlantic	W2FU	208,800
Central	K9SD	73,766
Dakota	KØHB	151,200
Delta	W5RU	189,440
Great Lakes	W8EDU	147,200
Hudson	AB2DE	38,710
Midwest	KØBJ	182,880
Northwestern	K7GT	81,212
Pacific	W6BO	18,620
Roanoke	W4RM	169,280
Rocky Mountain	WØDLE	183,680
Southeastern	KP2M	205,920
Southwestern	W6YI	225,600
Canada	VE6EX	190,720

### Multioperator, Low Power

Atlantic	K3LID (WMM3O, op)	100,800
Great Lakes	K4BRI	11,152
New England	WA1QKT	480
Roanoke	WR4I (NG3K, op)	69,888
Rocky Mountain	KØUK	79,772
Southeastern	NP4DX	181,760
Southwestern	N6KI	128,320
West Gulf	WDØGTU	35,568
Canada	VE4DR	60,532

### School Club

Atlantic	W3ABT (K3BHX, op)	53,592
Midwest	KØHC (WØBH, op)	179,040
Pacific	W6YX	213,600
Southeastern	W4UAL	55,616
West Gulf	N5XU (AA5BT, op)	36,656

## 2011 ARRL CW Sweepstakes – Region Box

CLASS: B=Single Operator, High Power; A = Single Operator, Low Power; Q = Single Operator, QRP;  
 U= Single Operator Unlimited, High Power; UL = Single Operator Unlimited, Low Power; M= Multioperator;  
 ML=Multioperator, Low Power; S = School Club

### Northeast Region

**(New England, Hudson and Atlantic Divisions;  
 Maritime and Quebec Sections)**

VY2ZM (K1ZM, op)	229,760	B
N2NT (N2NC, op)	216,000	B
AA3B	203,680	B
K8PO	196,000	B
KD4D	193,600	B
NO3M	169,920	A
N8NA	167,680	A
K1BX	165,760	A
W2ID (@ K9RS)	148,160	A
K1XM	144,960	A
W1XX	109,512	Q
K2ZR	99,176	Q
KR2Q	85,488	Q
W1QK	71,288	Q
AA1CA	59,496	Q
K3MM	209,120	U
NY3A	196,800	U
WX3B	177,280	U
AB3CX	174,880	U
WR3Z	173,760	U
VA2WA (VA2WDQ, op)	167,840	UL
K2NNY (K2DB, op)	165,760	UL
K3AU (K2YWE, op)	154,080	UL
N2MM	140,000	UL
K3MD	113,280	UL
W2FU	208,800	M
W3LJ	41,890	M
AB2DE	38,710	M
K3LID (W3M3O, op)	100,800	ML
WA1QKT	480	ML
W3ABT (K3BHX, op)	53,592	S

### Southeast Region

**(Delta, Roanoke and Southeastern Divisions)**

N4AF	198,400	B
NP2X	195,520	B
K4BAI	185,440	B
W4AU	149,600	B
N4UU	143,676	B
N8OO	175,040	A
KØLUZ	171,520	A
K1TO	163,840	A
NA4K	143,840	A
K1PT	139,672	A
K4RO	124,030	Q
W7IY	104,052	Q
N4JF	99,066	Q
K3TW	91,884	Q
K4QPL	88,638	Q
W4MR (AA4NC, op)	204,160	U
N4ZZ	200,480	U
N4BP	182,720	U
KE3X	180,640	U
AD4EB	176,160	U
N4PN	154,720	UL
K4XD	131,840	UL
N4DW	129,920	UL
AA4FU	116,000	UL
KU8E	99,680	UL
KP2M	205,920	M
W5RU	189,440	M
W4RM	169,280	M
AD4Z	146,624	M
N4FX	121,760	M
NP4DX	181,760	ML
WR4I	69,888	ML
N2AW	16,048	ML
W4UAL	55,616	S

**Central Region****(Central and Great Lakes Divisions; Ontario Section)**

W9RE	209,120	B
W5MX	185,760	B
K9CT	177,440	B
K1LT	173,440	B
KE9I	169,120	B
N9CK	178,066	A
W1NN	161,760	A
AJ9C	158,560	A
K9KM	132,404	A
KV8Q	132,160	A
K9Z0	108,546	Q
N9NE	100,932	Q
VA3DF	97,032	Q
N5EE	93,288	Q
WI9WI	86,856	Q
NE9U	159,200	U
VE3KI (@ VE3FU)	158,080	U
VE3RZ	157,440	U
K9NR	154,400	U
W9IU	115,814	U
K8BL	158,080	UL
N9CO	156,000	UL
KB9S	102,542	UL
K9WX	99,060	UL
K4FXN	77,262	UL
W8EDU	147,200	M
NT8V	77,600	M
K9SD	73,766	M
K4BRI	11,152	ML
KC8OBH	10,340	ML
W8PLP	9,152	ML

**Midwest Region****(Dakota, Midwest, Rocky Mountain and West Gulf Divisions; Manitoba and Saskatchewan Sections)**

N2IC	235,520	B
NØNI (AG9A, op)	227,040	B
N5RZ	218,720	B
WDØT	215,360	B
WXØB (K5GA, op)	209,600	B
KØEU	187,680	A
NAØN	183,680	A
N7VM	174,560	A
KØAD	168,640	A
NØAT (NØKK, op)	166,080	A
WØMHS	119,520	Q
NØUR	115,340	Q
KØPC	113,568	Q
KØAV	112,320	Q
K5NZ	93,784	Q
WØZA	170,400	U
K1KD	167,360	U
KTØR (KØOB, op)	166,720	U
WT9Q	163,360	U
NØXR	162,740	U
ACØDS	143,040	UL
KØMPH	131,930	UL
NØSXX	130,560	UL
WØPI	119,360	UL
N1CC	100,960	UL
WØDLE	183,680	M
KØBJ	182,880	M
KØHB	151,200	M
NØMA	69,120	M
KØJA	44,352	M
KØUK	79,772	ML
VE4DR	60,532	ML
WDØGTY	35,568	ML
KK5OV	12,480	ML

**West Coast Region**

**(Pacific, Northwestern and Southwestern Divisions;  
Alberta, British Columbia and NWT Sections)**

N9RV	232,000	B	N6RO	210,560	U
KH7X (KH6ND, op)	219,360	B	K6LL	210,080	U
K6LA	212,000	B	K7NV	193,600	U
W7RN (N6TV, op)	210,720	B	KB7Q	185,120	U
VE7CC	206,880	B	K6SRZ	184,640	U
K7BG	192,960	A	KK7S	168,480	UL
W7WA	169,760	A	KE7X	167,360	UL
N7XU (K4XU, op)	166,240	A	K7QQ	115,498	UL
KF6T	155,360	A	VA6AM	99,856	UL
AA6PW	152,000	A	K7GK	95,940	UL
W7RM (N6TR, op)	145,518	Q	W6YI	225,600	M
NN7SS (K6UFO, op)	114,080	Q	VE6EX	190,720	M
N7IR	109,336	Q	W6TK	163,200	M
W7YAQ	107,840	Q	N6WIN	160,320	M
W6JTI	102,400	Q	K7GT	81,212	M
			N6KI	128,320	ML
			WA6KYR	52,128	ML
			W6YX	213,600	S

## 2011 ARRL CW Sweepstakes- Rare Sections List

This table shows the number of QSOs with each section in submitted logs, from highest to lowest. Use this data for considering where to operate from next year!

VA	29,503	NFL	6,765	KY	3,901
MDC	25,573	ENY	6,742	WV	3,807
MN	23,548	SDG	6,409	OK	3,754
IL	21,610	SF	6,065	WMA	3,599
OH	21,086	NM	6,063	UT	3,510
SCV	19,542	KS	5,850	PAC	3,483
WWA	17,855	CT	5,742	SD	3,382
EPA	17,557	MT	5,626	ID	3,071
STX	16,898	WCF	5,505	RI	2,908
NC	15,387	NNJ	5,305	AB	2,850
CO	14,773	NLI	5,302	SK	2,796
TN	14,530	IA	5,208	SB	2,790
AZ	13,757	AL	5,202	VI	2,774
NTX	13,208	WPA	5,174	VT	2,612
WI	13,024	MAR	4,910	NNY	2,586
IN	12,129	SJV	4,892	SC	2,425
OR	11,900	MO	4,853	MS	2,418
MI	10,921	LAX	4,777	QC	2,408
SV	10,685	BC	4,638	AR	2,348
EMA	9,758	AK	4,502	DE	1,881
WNY	8,847	SNJ	4,380	PR	1,773
GA	8,468	EWA	4,285	ND	1,686
NH	7,800	ME	4,234	NE	1,290
ON	7,777	LA	4,199	MB	1,207
SFL	7,694	WTX	4,060	NL	1,060
ORG	7,296	WY	4,032	NT	636
EB	6,889	NV	3,935		



# 2011 ARRL November Sweepstakes (CW) 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

W1AN	38,064	244	78	UL
AB1OD	20,160	160	63	UL
N1XK	15,392	104	74	UL
W1WFE	156,894	993	79	B
K1RM	93,920	587	80	B
K1SEZ	10,934	77	71	B
W2JU	113,120	707	80	A
W5MPC	95,628	613	78	A
NN1N	53,200	350	76	A
K1BV	47,988	387	62	A
K1PU	47,158	323	73	A
W1JQ	47,100	314	75	A
WR1B	5,226	67	39	A
K1LEE	4,130	59	35	A
W1TR	2	1	1	A
W1QK	71,288	469	76	Q
W1WQG	288	12	12	Q
WJ1B	11,550	105	55	U
WV1M	5,456	62	44	U

### Eastern Massachusetts

W1FA	73,440	459	80	UL
WO1N	30,464	238	64	UL
K1LZ (N8BO, op)	176,480	1,103	80	B
W1EBI	109,668	703	78	B
KA1IOR	104,480	654	80	B
W1ZT	103,360	646	80	B
N3ER	75,660	485	78	B
K1MC	12,760	145	44	B
K1XM	144,960	907	80	A
W1CCE	66,750	445	75	A
K1GGI	55,784	367	76	A
K1KG	46,350	309	75	A
K1NTR	39,168	272	72	A
AJ1E	28,140	210	67	A
K1HT	20,532	177	58	A
WD1H	9,324	111	42	A
N1YX	9,112	67	68	A
N1NN	6,728	58	58	A
K1SM	5,016	66	38	A
KT1D	140	10	7	A
N1QV	54,300	362	75	Q
W1MA	82,560	516	80	U
K1TH	24,576	192	64	U
W1MAW	8,798	83	53	U

### Maine

K8PO	196,000	1,225	80	B
K1ASJ	47,158	324	73	B
KX1E	82,368	528	78	A
W1LQ (WW3DE, op)	79,092	507	78	A
W1LIC	49,200	328	75	A
K1JB	98,240	614	80	U

### New Hampshire

KB1NH	25,116	161	78	UL
K1RX	187,840	1,174	80	B
N9NC	100,804	638	79	B
AE1T	64,584	414	78	B
N1BA	64,240	440	73	B
K1BX	165,760	1,036	80	A
KB1T	95,520	597	80	A
K1TR	57,134	371	77	A
WA1N	27,984	212	66	A
W1PID	17,270	157	55	A
N1IW	11,400	114	50	A
AE1P	11,220	85	66	A
AC1J	1,058	23	23	A
KB1GKN	416	16	13	A
AA1CA	59,496	402	74	Q
N1KWF	61,650	411	75	U
WA1Z	24,034	197	61	U

### Rhode Island

W1WBB	104,480	653	80	UL
K1VSJ	69,836	442	79	A
W1XX	109,512	702	78	Q
K3IU	107,040	669	80	U
KI1G	92,480	578	80	U

### Vermont

W1VE	176,640	1,104	80	B
W1ECH	70,880	443	80	A
W1SJ	160,320	1,002	80	U
KB1ODO	21,312	148	72	U

### Western Massachusetts

AD1L	7,050	75	47	UL
WA1QKT (+ K1SMY)	480	16	15	ML
K5ZD	193,120	1,207	80	B
W1UJ	180,320	1,128	80	B
W1BYH	46,200	300	77	A
W1TO	24,948	162	77	A
N1AW	12,980	118	55	Q
W1SRB	200	10	10	Q
KB1W	137,618	871	79	U

## 2

### Eastern New York

W2LK	144,320	902	80	A
W2EG	139,520	872	80	A
K2UF	138,560	866	80	A
W2CS	62,726	397	79	A
K2YR	46,644	338	69	A
WA2MCR	39,480	282	70	A
WA2JQK	36,600	244	75	A
W2GDJ	32,026	239	67	A
W2XM	26,532	201	66	A
W2BEE	26,532	198	67	A
N2JJ	51,750	345	75	Q
AA2YK	736	23	16	Q
N2SQW	68,160	426	80	U

N1EU	65,760	411	80	U
K2ONP	57,750	375	77	U
N2NI	46,768	316	74	U

### New York City-Long Island

WA2PJI	17,292	131	66	UL
KD2HE	5,832	81	36	UL
N2GA	118,880	743	80	A
NT2A	98,880	618	80	A
KA2D	68,328	438	78	A
K2IY	48,900	326	75	A
N2RI	33,880	242	70	A
WA2MAV	31,088	232	67	A
WB2JAY	30,530	215	71	A
K2IZ	20,930	161	65	A
KE2SX	11,024	104	53	A
K2JF	3,840	48	40	A
K2QMF	65,120	407	80	U
WO2N	23,408	152	77	U

### Northern New Jersey

K2PF	4,960	62	40	UL
N2NT (N2NC, op)	216,000	1,350	80	B
N2CG	19,908	158	63	B
K2ESE	9,198	73	63	B
K2BB	53,088	336	79	A
W2LE	43,924	278	79	A
WA2C	25,256	164	77	A
W1GD	13,260	102	65	A
KM2Y	6,150	75	41	A
K1SXD	1,632	34	24	A
KR2Q	85,488	548	78	Q
W2JEK	7,830	87	45	Q
W2VQ	97,920	612	80	U
W2NO	33,180	210	79	U
N2ED	33,132	251	66	U
N2CJ	11,700	117	50	U
W2UDT	6,132	73	42	U
W2YR	1,768	34	26	U
AB2DE (+ KC2AVE)	38,710	245	79	M

### Northern New York

K2NNY (K2DB, op)	165,760	1,036	80	UL
K2LML	2,838	43	33	A
W3TUA	19,520	160	61	Q
W2LC	15,984	148	54	Q
N2JNZ	11,424	112	51	Q
AB3CX	174,880	1,093	80	U
NN2L	35,234	223	79	U

### Southern New Jersey

N2MM	140,000	875	80	UL
K2SE	60,976	412	74	A
N2UU	14,796	137	54	A
W2KRD	7,138	83	43	A
K2MK	112,320	702	80	U
AB2E	67,308	426	79	U



N2OO	64,428	413	78	U
<b>Western New York</b>				
W2ORC (N2WK, op)	55,520	347	80	UL
W2BC	131,680	823	80	B
K2ZJ	58,504	412	71	B
W2RR (WA2AOG, op)	34,688	271	64	B
K2AXX	33,264	252	66	B
AA2DT	85,952	544	79	A
AE2T	66,300	425	78	A
NM2A	49,612	314	79	A
NW2K	40,280	265	76	A
K2EN	25,578	203	63	A
W2LB	19,200	160	60	A
WB2WPM	18,176	142	64	A
KA2FHN	12,528	116	54	A
N2CK	10,296	99	52	A
KV2X	5,762	67	43	A
W1TY	2	1	1	A
K2ZR	99,176	644	77	Q
W2EB	46,970	305	77	Q
K2QO	46,574	319	73	Q
KF2U	45,920	287	80	Q
N2HTT	25,696	176	73	Q
K2NV	23,680	185	64	Q
N2DM	7,084	77	46	Q
NG2P	6,018	59	51	U
W2FU (+ N2ZN & K2TJ)	208,800	1,305	80	M

### 3

#### Delaware

N3ME	18,576	129	72	B
W3GNQ	684	19	18	B
N8NA	167,680	1,048	80	A
K3CWF	14,208	111	64	A
WA2VQV	8,910	99	45	A
NY3C	8,316	99	42	A
AI3G	5,904	72	41	A
W3PP (K1RY, op)	1,050	25	21	A

#### Eastern Pennsylvania

K3MD	113,280	709	80	UL
KN3A	51,636	331	78	UL
W3KB	25,340	181	70	UL
WA3CEJ	11,552	76	76	UL
AA3B	203,680	1,273	80	B
K3TEJ	125,736	806	78	B
W3TDF	15,390	135	57	B
W2ID (@ K9RS)	148,160	926	80	A
WY3A	124,956	801	78	A
K2LNS	68,484	439	78	A
KA3QLF	54,464	368	74	A
N2EY	47,304	324	73	A
WA3AAN	46,060	329	70	A
N3KR	44,238	303	73	A
K3VA	34,602	237	73	A
K3TX	28,560	210	68	A
WØBR	25,090	193	65	A
WF3M	22,504	194	58	A
K3MRG	21,960	183	60	A
KB3CTX	14,148	131	54	A
N3RM	14,076	102	69	A
AB3AP	12,768	114	56	A

N3JNX	6,880	80	43	A
W2GD	3,876	57	34	A
K3TUF	2,088	36	29	A
WA2GBF	27,200	200	68	Q
WA3LGG	24	4	3	Q
NY3A	196,800	1,230	80	U
K3WWW	153,440	959	80	U
W8FJ	113,920	712	80	U
N3AD	60,840	390	78	U
N3ST	56,320	352	80	U
K3SV	45,280	283	80	U
W3FV	32,232	204	79	U
KD3TB	12,852	119	54	U
W3ABT (K3BHX, op)	53,592	348	77	S

#### Maryland-DC

K3AU (K2YWE, op)	154,080	963	80	UL
K3LID (WM3O, op)	100,800	630	80	ML
W4EE	57,128	386	74	UL
K3YDX	46,176	296	78	UL
W3SFG	37,596	241	78	UL
N1SZ	31,892	238	67	UL
NW3R (NH7C, op)	13,456	116	58	UL
K3DNE	4,158	77	27	UL
W3UR	468	18	13	UL
N3AFT	98	7	7	UL
KD4D	193,600	1,210	80	B
N3UM	117,468	753	78	B
WB4FDT	103,116	662	78	B
K3TM	100,960	631	80	B
K3AJ	113,600	710	80	A
K8GU	113,120	707	80	A
K3KU	110,600	700	79	A
W3CB	100,014	633	79	A
N3QE	91,680	573	80	A
WA3KYY	75,036	481	78	A
WA1LWS	72,160	451	80	A
K3GHH	57,816	396	73	A
W3KX	52,416	336	78	A
AB3IC	43,878	309	71	A
W3IUU	33,728	248	68	A
W3DQN	33,228	234	71	A
KB3AAY	21,560	154	70	A
K2PS	14,344	163	44	A
NS3T	12,400	124	50	A
ND3D	40,158	291	69	Q
WB8YYY	28,512	216	66	Q
WA3MKC	6,888	82	42	Q
K3MM	209,120	1,307	80	U
WX3B	177,280	1,108	80	U
WR3Z	173,760	1,086	80	U
N3RR	144,960	906	80	U
W2CDO	141,600	885	80	U
K3TN	137,460	870	79	U
K2PLF	131,140	830	79	U
N1WR	130,720	817	80	U
N3AM	129,760	811	80	U
N3KS	109,280	683	80	U
W3UL	94,958	601	79	U
K3STX	94,720	592	80	U
N3CW	78,240	489	80	U
N3OC	74,400	465	80	U
W3KL	47,586	309	77	U
W2GPS	47,084	298	79	U

W3APL (N3CW, op)	46,200	300	77	U
N3XL	42,600	284	75	U
W3EKT	38,690	265	73	U
K1DQV	24,616	181	68	U
NN3RP	18,908	163	58	U
W3OU	8,250	75	55	U
N1MD	680	20	17	U
W3LJ (+ K3NCO & W3IDT)	41,890	295	71	M

#### Western Pennsylvania

N3SD	100,620	645	78	UL
WW3S	32,000	200	80	UL
W3SO (W3YOZ, op)	107,796	691	78	B
WA3A	96,408	618	78	B
W3TNU	17,760	148	60	B
NO3M	169,920	1,062	80	A
KB3LIX	64,464	408	79	A
K3UA	46,720	320	73	A
W3WH	34,164	234	73	A
AG3H	19,370	149	65	A
WB3AVD	9,500	95	50	A
K3RMB	8,280	90	46	A
K3FH	286	13	11	A
W3WC	68,320	427	80	U

### 4

#### Alabama

KY4F	56,240	370	76	UL
KC4HW	18,330	141	65	UL
K4WI	2,706	41	33	UL
N4KH	71,440	470	76	A
W4NBS	64,372	418	77	A
KJ4FDV	57,760	380	76	A
K3IE	41,700	278	75	A
WB4KDI	41,080	260	79	A
NV4B	40,584	267	76	A
K4ZGB	19,440	162	60	A
KD4N	10,010	91	55	A
N4JF	99,066	627	79	Q
WA8HSB	6,708	78	43	Q
AJ4UC	60	6	5	Q
K4HAL	75,972	487	78	U
W4AQP	14,946	141	53	U
W4II	12,636	81	78	U
W4UAL	55,616	352	79	S

#### Georgia

N4PN	154,720	967	80	UL
KU8E	99,680	623	80	UL
AE4Y	48,422	341	71	UL
K4BAI	185,440	1,159	80	B
N4DU	97,344	624	78	B
NS3Q	8,464	92	46	B
NJ8J	34,602	237	73	A
AE4O	16,250	125	65	A
N5VI	14,934	131	57	A
AA4GA	76,128	488	78	Q
K1ZZI	161,920	1,012	80	U
W4BQF	97,802	619	79	U
N4GG	59,280	380	78	U

#### Kentucky

K4FXN	77,262	489	79	UL
KO4OL	38,100	254	75	UL

K4BRI (+ KJ4ZKC)  
 11,152 82 68 ML  
 N9KY 264 11 12 UL  
 W5MX 185,760 1,161 80 B  
 KC4WQ 78,880 493 80 A  
 K4SPO 19,026 151 63 A  
 N4XFF 15,500 125 62 A  
 KD9B 25,056 174 72 Q  
 K4FT 56,248 356 79 U

**North Carolina**

K4XD 131,840 825 80 UL  
 AA4FU 116,000 725 80 UL  
 W4MPS 71,574 453 79 UL  
 W4KAZ 45,300 302 75 UL  
 NT4D 35,076 222 79 UL  
 AD4L 33,512 236 71 UL  
 W2DZO 28,560 204 70 UL  
 KS4S 9,024 94 48 UL  
 N4AF 198,400 1,240 80 B  
 N4AA 86,892 557 78 A  
 N4YDU 68,672 464 74 A  
 KA2OOU 65,208 429 76 A  
 K4NC 51,600 344 75 A  
 K4BSK 50,662 347 73 A  
 W4UEF 48,240 335 72 A  
 N4GU 36,500 250 73 A  
 N4UEZ 13,500 125 54 A  
 K6RM 6,912 72 48 A  
 W4UX 6,592 103 32 A  
 W4YDY 2,668 46 29 A  
 KT4OM 1,392 29 24 A  
 K4KAY 220 10 11 A  
 K4QPL 88,638 561 79 Q  
 AA4XX 88,480 553 80 Q  
 WK4P 12,544 112 56 Q  
 W4MR (AA4NC, op)  
 204,160 1,276 80 U  
 N1LN 160,160 1,001 80 U  
 W0UCE 124,346 787 79 U  
 K2AV 95,634 621 77 U  
 K3KO 78,526 497 79 U  
 KZ2I 19,608 129 76 U  
 WB4MSG 14,190 129 55 U  
 N4TL 11,880 110 54 U  
 W3GQ 10,800 75 72 U  
 AE4EC 4,488 51 44 U  
 W4ZYT (+ W4PRO, W4SD,  
 WB4DNL, AG4JT, KD4OS, W4TVG,  
 K4AEN, WS9B)  
 72,640 454 80 M

**Northern Florida**

N4UU 143,676 921 78 B  
 N6AR 61,932 397 78 B  
 K0LUZ 171,520 1,072 80 A  
 K9FY 97,328 616 79 A  
 N4OX 83,680 523 80 A  
 WA4IIF 67,606 439 77 A  
 KT4Q 58,976 388 76 A  
 W4RVU 58,672 386 76 A  
 W2EJG 15,232 112 68 A  
 N4OK 13,716 127 54 A  
 KN4Y 8,470 77 55 A  
 W4EBA 6,864 78 44 A  
 KT4LST 2,016 40 28 A  
 K3TW 91,884 589 78 Q  
 AC2N 1,512 28 27 Q

NF4A 49,704 327 76 U  
 WW4B 14,500 125 58 U  
**Puerto Rico**  
 NP4DX (N0AX & KX9X, ops)  
 181,760 1,136 80 ML  
 KP4UNO 570 19 15 UL  
 N4EEB/KP4 126,240 789 80 A

**South Carolina**

WA8OJR 23,880 199 60 A  
 KN4QD 10,160 127 40 A  
 K3AN 83,898 531 79 Q  
 KB4GYT 30,732 197 78 Q  
 K2SX 82,950 525 79 U

**Southern Florida**

N4LF 76,846 499 77 UL  
 W1MD 44,200 325 68 UL  
 W4AS 9,200 92 50 UL  
 WA0USA 44,616 286 78 B  
 K1PT 139,672 884 79 A  
 W2TX 121,680 780 78 A  
 K3CQ 47,996 338 71 A  
 W9KB 45,300 302 75 A  
 NA4CW 40,502 263 77 A  
 K4MTI 73,312 464 79 Q  
 N4PSE 70,626 447 79 Q  
 K4MF 37,814 259 73 Q  
 K1UQE 5,148 66 39 Q  
 N4BP 182,720 1,142 80 U  
 N1TO 124,820 790 79 U  
 AF4RK 51,652 349 74 U  
 AD4Z (+ WF3C & W1MD)  
 146,624 928 79 M

**Tennessee**

N4DW 129,920 812 80 UL  
 N4UW 54,516 354 77 UL  
 K4EDI 22,932 182 63 UL  
 WO4O 141,094 893 79 B  
 K0EJ 130,240 814 80 B  
 WD8RYC 9,112 68 67 B  
 NA4K 143,840 899 80 A  
 K4PJ (K4LTA, op)  
 129,280 808 80 A  
 WF7T 111,360 696 80 A  
 K1GU 78,368 496 79 A  
 N4AAI 75,848 499 76 A  
 N2WN 70,560 441 80 A  
 K9UQN 59,250 395 75 A  
 W4DAN 50,912 344 74 A  
 NB4M 39,330 285 69 A  
 K4NP 36,354 249 73 A  
 W4HZD 32,964 246 67 A  
 W4UT 31,916 202 79 A  
 W6UB 30,744 244 63 A  
 W4BK 25,060 179 70 A  
 K4TMM 22,784 178 64 A  
 AA4N 22,712 167 68 A  
 KJ4WLN 20,336 164 62 A  
 K4CX 15,808 104 76 A  
 N4ARO 15,312 116 66 A  
 W4BCG 11,832 102 58 A  
 K4YZ 9,936 72 69 A  
 KI4EZC 7,176 92 39 A  
 W4XK 1,564 34 23 A  
 K4RO 124,030 785 79 Q  
 NS2X 18,900 137 70 Q

N4ZZ 200,480 1,253 80 U  
 AD4EB 176,160 1,101 80 U  
 W4NZ 62,400 390 80 U  
 NS4X 10,200 102 50 U  
 KA4OTB (+ W4NI)  
 7,728 84 46 M

**Virginia**

WR4I (NG3K, op)  
 69,888 448 78 ML  
 N4NW 55,132 358 77 UL  
 K4FPF 53,720 340 79 UL  
 N4VA 52,456 332 79 UL  
 N4RA 47,580 305 78 UL  
 K4FTO 36,540 290 63 UL  
 NW4V 28,116 198 71 UL  
 AA4KD 20,374 167 61 UL  
 N2AW (+ WA3OFC)  
 16,048 136 59 ML  
 WM3T 9,996 102 49 UL  
 NR4C 1,564 34 23 UL  
 W4AU 149,600 935 80 B  
 WA2BCK 96,854 613 79 B  
 NI1N 84,664 557 76 B  
 K4EU 78,780 505 78 B  
 N4PD 76,596 491 78 B  
 NN3W 71,136 456 78 B  
 N3KN 36,938 253 73 B  
 W8RJL 23,808 186 64 B  
 N4UA 123,714 784 79 A  
 K4ORD 83,108 526 79 A  
 W4YE 82,240 514 80 A  
 WA4PGM 79,680 498 80 A  
 K7SV 75,680 473 80 A  
 KG3V 74,998 487 77 A  
 K7CS 72,996 462 79 A  
 K4DPF 70,152 474 74 A  
 N4MM 56,628 363 78 A  
 W4GDG 49,248 342 72 A  
 WA4EUL 46,136 316 73 A  
 K4UK 40,800 272 75 A  
 KA3NZR 36,556 247 74 A  
 NB2T (PB2T, op)  
 32,944 232 71 A  
 K4FJW 30,530 215 71 A  
 K1KAV 27,594 189 73 A  
 W2SKI 24,648 158 78 A  
 K4HQB 24,320 190 64 A  
 K4ALE 21,488 158 68 A  
 KK4R 21,358 181 59 A  
 W0QQG 20,060 170 59 A  
 W4VG 15,544 134 58 A  
 KA4GFY 14,268 123 58 A  
 N4LJS 13,552 154 44 A  
 N4ST 13,500 135 50 A  
 K4MIL 11,872 106 56 A  
 AI4MI 8,686 101 43 A  
 KI3O 4,928 88 28 A  
 AK4MT 2,016 36 28 A  
 W2YE 1,872 36 26 A  
 W7IY 104,052 667 78 Q  
 KI4FW 46,662 303 77 Q  
 K4WY 15,360 120 64 Q  
 WA2ASQ/4 14,160 120 59 Q  
 K4MX 12,240 136 45 Q  
 W4ZY 3,264 48 34 Q  
 KE3X 180,640 1,129 80 U  
 K3WI 168,800 1,055 80 U

W4MYA	158,240	989	80	U
N3JT	131,360	821	80	U
K4GMH	123,040	769	80	U
KG4W	114,240	714	80	U
N4DJ	92,430	585	79	U
W4PK	88,006	557	79	U
W3YY	73,944	468	79	U
N2YO	72,996	462	79	U
W3CQ (KC4D, op)				
	69,350	475	73	U
N3MK	66,080	413	80	U
W0NA (W0YR, op)				
	63,140	410	77	U
K1KO	60,528	388	78	U
N3UA	59,280	390	76	U
N3BM	50,974	331	77	U
N2QT	38,400	240	80	U
W4JAM	31,098	213	73	U
NF3C (W4VIC, op)				
	26,600	175	76	U
W4TTY	22,152	142	78	U
W4VX	9,500	95	50	U
W4RM (+ W4NF, K5VG, K8EI)				
	169,280	1,058	80	M
N4FX (+ KC9PQO)				
	121,760	761	80	M
AC8Y (+ K8LF)				
	103,040	644	80	M

**US Virgin Islands**

NP2L	90,850	575	79	UL
NP2X	195,520	1,222	80	B
KP2MM (N2TTA, op)				
	31,416	238	66	A
KP2M (N3XF, W1EQ, K1ZE, ops)				
	205,920	1,287	80	M

**West Central Florida**

W0PV	62,216	404	77	UL
K1TO	163,840	1,024	80	A
K5KG	137,600	860	80	A
N4GI	124,000	775	80	A
WD4AHZ	115,840	724	80	A
W4LT	78,936	506	78	A
N4TB	61,272	414	74	A
NX4N	46,620	333	70	A
K4CC	28,014	203	69	A
N3LL	25,476	193	66	Q
NY4I	2,340	39	30	U
W4GAC (K4OB, KP2N, KR4U, N2ESP, N4RI, NY4I, W4CU, W4TSP, ops)				
	55,380	355	78	M

**5**

**Arkansas**

WB0RUR	15,870	115	69	UL
KM5PS	65,250	435	75	A
WA5SOG	21,228	183	58	A
W5RZ	20,412	162	63	A
W5JJ (K5DB, op)				
	129,760	811	80	U

**Louisiana**

N5VU	53,508	343	78	B
N8OO	175,040	1,094	80	A
N5YE	38,016	264	72	A
N5II	22,624	202	56	A

W5PQ	9,588	102	47	A
AD5VC	4,864	76	32	A
W5WZ	5,800	58	50	Q
KG5VK	14,720	115	64	U
W5RU (KN5O, K1DW, N5HZ, ops)				
	189,440	1,184	80	M

**Mississippi**

WQ5L	138,560	866	80	A
W5UE	125,268	803	78	A
W0EP	19,800	165	60	A
N5PU	900	25	18	A
WA5OYU	85,644	549	78	U

**New Mexico**

KK6MC	73,632	472	78	UL
WS5K	19,468	157	62	UL
KK5OV (+ KB5ZSK)				
	12,480	120	52	ML
N2IC	235,520	1,472	80	B
N5FO	92,264	607	76	B
K5TA	126,240	789	80	A
K7IA	100,480	628	80	A
AA5B	92,508	593	78	A
NF5Y	13,802	103	67	A
W5IV	13,568	106	64	A
KE1R	3,850	55	35	A
K5WO	58,608	396	74	Q
K5AM	18,352	148	62	Q
WA5J	180	9	10	Q
K5TQ	17,278	163	53	U

**North Texas**

N1CC	100,960	631	80	UL
K5IID	56,518	368	77	UL
K5ND	18,056	148	61	UL
WB0TEV	14,000	100	70	UL
WX0B (K5GA, op)				
	209,600	1,310	80	B
N5PO	105,120	657	80	B
N5QQ	100,152	642	78	B
K5RX	95,840	599	80	B
W8FN	151,838	961	79	A
W0UO	130,350	825	79	A
W5RYA	112,338	711	79	A
AC5T	32,558	223	73	A
W5TV	24,150	175	69	A
K5SS	20,374	167	61	A
W5CUB	19,468	157	62	A
WB5KIA	15,120	120	63	A
WA5ICA	13,824	128	54	A
KG5OA	11,960	115	52	A
WA5LFD	10,692	81	66	A
NN5T	4,032	56	36	A
K5QR	2,106	39	27	A
K5MDK	684	19	18	A
WA8ZBT	62,488	428	73	Q
AA5TB	16,416	144	57	Q
WA5RML	11,176	127	44	Q
WC5D	450	15	15	Q
W5GN	86,560	541	80	U
N5JB	67,520	422	80	U
W5OV	57,312	398	72	U
NM6E/5	48,910	335	73	U
W0VX	39,624	254	78	U
K7RSM	17,940	115	78	U

**Oklahoma**

WD0GTY (+ N5PJ)				
	35,568	234	76	ML
W5GFI	17,880	149	60	UL
N5DY	94,088	619	76	B
N5UM	109,494	695	79	A
N5XE	79,948	506	79	A
KK5JY	3,840	64	30	A
N5UWY	1,092	26	21	A
KD5RSS	54	3	9	A
AA5JG	27,156	186	73	Q

**South Texas**

N3BB	203,840	1,276	80	B
K5WA	201,120	1,257	80	B
K5NA	198,720	1,242	80	B
NR5M (KU5B, op)				
	196,960	1,231	80	B
N5YA (NM5M, op)				
	186,400	1,166	80	B
K5TR (K5OT, op)				
	172,640	1,079	80	B
W5KFT (K5PI, op)				
	106,860	685	78	B
K5JX	49,824	346	72	B
K5GZR	30,096	198	76	B
W5XD	24,576	192	64	B
AC5K	109,280	683	80	A
NO5W	91,200	600	76	A
WD5IYT	56,550	377	75	A
K5ME	56,240	370	76	A
N5AW	34,952	257	68	A
W5JBO	20,412	162	63	A
W5QLF	14,410	131	55	A
K5PI	13,900	139	50	A
WA5AR (K5PBR, op)				
	9,300	93	50	A
AA5VU	2,838	43	33	A
KD5MMM	1,344	28	24	A
K5DU	84	6	7	A
K5NZ	93,784	617	76	Q
W5ESE	7,840	98	40	Q
W5RQ	110,560	691	80	U
W5ASP	109,810	695	79	U
N5XZ	93,536	592	79	U
K5MV	88,140	565	78	U
AC4CA	71,680	448	80	U
N5KAE	12,432	84	74	U
K5HDU	11,562	123	47	U
N5XU (AA5BT, op)				
	36,656	232	79	S

**West Texas**

N5ZC	34,780	235	74	UL
N5RZ	218,720	1,367	80	B
K5TDA	93,760	586	80	B
N5DO	137,600	861	80	A
K5BZH	20,412	162	63	A
N5NA	86,944	572	76	Q
W5TEH	31,200	208	75	Q

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**East Bay**

NS6T	25,058	187	67	UL
W6VAR	9,282	91	51	UL
KX7M	101,436	642	79	B
NO6X	58,520	380	77	B
W6ONV	61,152	392	78	A

KE6QR	47,850	319	75	A	NH2T (N2NL, op)					N6VH	20,412	162	63	UL
N6K (WQ6X, op)						69,678	441	79	U	K6NA	199,040	1,244	80	B
	40,186	283	71	A	<b>Santa Barbara</b>					N5ZO/6	33,938	239	71	B
AE6C	32,060	229	70	A	WA6FGV	113,920	712	80	A	NE6I	32,844	238	69	B
K2GMY	18,422	151	61	A	W6AYC	104,160	651	80	A	K6DEX	28,470	195	73	B
K6DF	12,870	117	55	A	AA6VX	37,650	251	75	A	N6CY	107,124	678	79	A
WT6K	4,352	64	34	A	W6TK (W6TK, N6WS, AC6T, KA3DRR)					WN6K	88,140	565	78	A
N6BHX	4,104	57	36	A		163,200	1,020	80	M	AA6EE	23,584	176	67	A
N6AJR	220	11	10	A	<b>Santa Clara Valley</b>					K6VWL	22,570	185	61	A
N6RO	210,560	1,316	80	U	W1SRD	55,360	346	80	UL	KT6L	0	0	1	A
W6RGG	119,652	767	78	U	KØBEE	33,654	237	71	UL	N6NC	33,600	240	70	U
N6DA	68,838	447	77	U	K6XX	205,600	1,285	80	B	W6YI (+ K6AM, N6AN, N6MJ)				
K6JEB	64,200	428	75	U	K6YT (WØYK, op)						225,600	1,410	80	M
N6GEO	60,522	393	77	U		172,960	1,081	80	B	<b>San Francisco</b>				
K6IP	13,516	109	62	U	N6BV	169,440	1,059	80	B	K7GK	95,940	615	78	UL
K6XC	1,008	24	21	U	N6PN (@ N6TV)					AA6YX	126,880	794	80	B
<b>Los Angeles</b>						162,880	1,018	80	B	K6CTA	64,894	457	71	B
WA6KYR (+ AA6TH)					AJ6V	154,400	965	80	B	AA6DX	55,204	373	74	B
	52,128	362	72	ML	W6NL (N5KO, op)					N6YEU	82,002	519	79	A
K6LA	212,000	1,325	80	B		107,030	695	77	B	W6IYS	36,972	234	79	A
WA6URY	10,000	100	50	B	K6BL (K6AW, op)					WW6D	6,880	80	43	A
NK6A	59,348	401	74	A		102,080	638	80	B	W6JTI	102,400	640	80	Q
W6JK	43,800	300	73	A	AE6Y	52,560	360	73	B	N6ZFO	63,080	415	76	Q
N6GL	36,938	253	73	A	K6XN	29,614	221	67	B	K6SRZ	184,640	1,154	80	U
N7KFL	30,820	230	67	A	W6NN	28,140	210	67	B	W6XU	170,880	1,068	80	U
KØDI/6	7,820	85	46	A	N6KJ	18,178	149	61	B	K6JS	56,696	373	76	U
NC6Q	7,154	73	49	A	W6FB	58,672	386	76	A	<b>San Joaquin Valley</b>				
N6MI	1,400	35	20	A	N6AJS	40,588	278	73	A	WC6H	182,560	1,141	80	B
K6OI	11,766	111	53	Q	K6KQV	35,624	244	73	A	K6SV	78,526	497	79	B
W6KC	106,880	668	80	U	W6CT	28,672	224	64	A	NZ6Q	41,238	261	79	A
N5BF	64,116	411	78	U	K6JF	23,322	169	69	A	W5DQ	30,076	206	73	A
W6SW	17,784	114	78	U	KJ6MBW (VK2IMM, op)					K6CSL	20,286	161	63	A
K6NT	286	13	11	U		22,570	185	61	A	K6DQG	154	7	11	A
N6TCZ	24	3	4	U	W9MAK	11,342	107	53	A	K6MI	12,312	114	54	Q
<b>Orange</b>					KØDTJ	7,896	84	47	A	N6EE	148,000	925	80	U
W6PH	179,200	1,120	80	B	WB6AAJ	7,568	88	43	A	W6SX	124,480	778	80	U
WA6KHK	111,520	697	80	B	N6BCT	288	10	18	A	N6NZ	120,712	764	79	U
KQ6ES	49,932	342	73	B	N6RSS	40	4	5	A	N2NS	27,216	189	72	U
N6ER	26,928	204	66	B	K6OO	87,520	547	80	Q	<b>Sacramento Valley</b>				
K6GEP	6,642	81	41	B	N6KV	75,848	499	76	Q	K6OK	35,668	241	74	UL
AA6PW	152,000	950	80	A	AC6YY	15,344	137	56	Q	KJ6RA	10,908	101	54	UL
W6ZL	67,782	429	79	A	K9YC	181,760	1,136	80	U	K6ST	7,968	83	48	UL
NN6CH	47,508	321	74	A	KM6I	172,000	1,075	80	U	W6XB (WØZZ, op)				
KØNW	32,912	242	68	A	N3ZZ	154,720	967	80	U		163,360	1,021	80	B
N6CHU	14,742	117	63	A	K6MM	154,400	965	80	U	K9JM	127,200	795	80	B
KQ6Q	12,880	115	56	A	WA6O	136,640	854	80	U	KA6W	84,240	540	78	B
N6MU	12,800	80	80	A	W6OAT	125,280	783	80	U	W6RFF	46,056	303	76	B
KJ6KQE	798	21	19	A	K6RB	100,320	627	80	U	W6FA	28,016	206	68	B
N6HC	138,400	865	80	U	K6GT	94,248	612	77	U	KF6T	155,360	971	80	A
KF6I	64,780	410	79	U	AD6E	93,756	601	78	U	K6LRN	60,216	386	78	A
NT6X	56,960	356	80	U	AA6XV	87,828	563	78	U	N6RK	58,464	406	72	A
N6WIN (+ KQ6ES & N6RT)					W6SC	84,800	530	80	U	W7XZ	49,950	333	75	A
	160,320	1,002	80	M	N6MW	47,360	296	80	U	KQ6X	33,228	234	71	A
<b>Pacific</b>					K6TU	5,226	67	39	U	N6DE	24,960	192	65	A
KH7X (KH6ND, op)					KO6LU	600	20	15	U	N6QZS	1,550	31	25	A
	219,360	1,371	80	B	W6DR (+ N9YS)					K6TA	1,224	34	18	A
KH6ZM	16,472	142	58	A		840	21	20	M	K6GPB	3,712	58	32	Q
K5IX/KH6 (K5IX/KH6, op)					W6YX (KBØVVT, NF1R, KZ2V, N7MH, ops)					N6XI	171,840	1,074	80	U
	4,488	66	34	A		213,600	1,335	80	S	WE6Z	119,290	755	79	U
KH6LC (NH6V, op)					<b>San Diego</b>					W1RH	112,800	705	80	U
	90,552	588	77	Q	N6KI (+ WB6NBU, W6RW, N6CY)					W6SR (WX6V, op)				
KH6/W3GW (KH6/W3GW, op)						128,320	802	80	ML		92,320	577	80	U
	468	18	13	Q	W6KY	24,570	189	65	UL	W6RKC	62,244	399	78	U
KH7Y	81,776	538	76	U						WX6V	56,004	359	78	U
										K6NV	52,744	347	76	U

N6DW	46,488	298	78	U
WB6JJJ	25,950	173	75	U
NU6T	22,528	176	64	U
K6III	12,654	111	57	U
W6BO (+ N6B0B)	18,620	133	70	M

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### Alaska

KL2R (N1TX, op)	86,080	538	80	UL
KL7AF (KH6SH, op)	174,400	1,090	80	B
KL7RA (AL7IF, op)	173,440	1,084	80	B
KL7SB	92,976	596	78	B
KL7WV (W3YQ, op)	52,272	363	72	B
AL1G	45,540	330	69	B
WL7E	39,024	271	72	A
WL7BDO	6,210	69	45	A
AL9A	58,982	383	77	U
KL8DX	27,072	188	72	U

### Arizona

KU7Y	56,940	365	78	UL
K7FA	38,760	255	76	UL
K6WSC	31,284	198	79	UL
WU9B	15,656	103	76	UL
K8IA	179,360	1,121	80	B
KO7AA	149,120	933	80	B
KC7V	86,892	557	78	B
KE2VB	71,302	463	77	B
K7JQ	48,300	345	70	B
K7HP	123,240	790	78	A
AA7V	112,338	711	79	A
W7ZR	99,360	621	80	A
K9WZB	91,360	571	80	A
W9CF	88,550	575	77	A
W7CCE	71,302	463	77	A
W7YS	52,668	342	77	A
KX6X	33,320	238	70	A
KW4H	24,696	196	63	A
K1YR	14,760	123	60	A
K7DD	9,984	96	52	A
N6VR	9,216	96	48	A
AK9Y	7,476	89	42	A
K7TR	7,470	83	45	A
N7JXS	7,200	80	45	A
N9NA	6,084	78	39	A
N7MAL	3,234	49	33	A
WØPAN	612	17	18	A
N7IR	109,336	692	79	Q
K6LL	210,080	1,313	80	U
KY7M	161,280	1,008	80	U
NI7R	94,168	596	79	U
W7SW	48,580	347	70	U
W7WW	44,000	275	80	U
NA2U	19,840	155	64	U

### Eastern Washington

WA7LT	129,760	811	80	B
W3AS	115,752	743	78	B
W7CCY	89,280	558	80	A
W7GB	69,300	450	77	A
W7WMO	57,150	381	75	A
WS7V	54,020	365	74	A
KM7W	27,876	202	69	A

AA6RR	20,672	152	68	A
AD7XG	2,516	37	34	A
WA1PMA	16,380	105	78	U

### Idaho

KK7X	38,480	260	74	UL
KØTO	146,560	916	80	B
W7ZRC	146,080	913	80	A
K7ARJ	21,760	170	64	A
N7VEA	7,200	72	50	A
W7QDM	57,760	361	80	Q

### Montana

KE7X	167,360	1,046	80	UL
N9RV	232,000	1,450	80	B
KS7T	74,724	479	78	B
K7BG	192,960	1,206	80	A
KB7Q	185,120	1,157	80	U
N3RC	63,602	413	77	U
K7ABV	51,832	341	76	U

### Nevada

W7RN (N6TV, op)	210,720	1,317	80	B
K7XC	128,640	804	80	B
N7TR	94,326	597	79	B
W7IEX	6,688	76	44	Q
K7NV	193,600	1,210	80	U
W6NF	81,440	509	80	U

### Oregon

W2VJN	172,160	1,076	80	B
N7XU (K4XU, op)	166,240	1,039	80	A
K2PO	119,496	766	78	A
NE7D	93,694	593	79	A
K7PJT	67,336	443	76	A
N7VS	43,400	310	70	A
KL7WP	36,036	231	78	A
N6TW	27,336	201	68	A
WA7SHP	26,268	199	66	A
N6PZ	22,750	175	65	A
KU7K	19,680	164	60	A
KD7MSC	13,356	126	53	A
K6UM	11,648	112	52	A
K6VRS	11,024	104	53	A
KE7AUB	4,872	58	42	A
KI7N	912	24	19	A
W7RM (N6TR, op)	145,518	921	79	Q
W7YAQ	107,840	674	80	Q
N7JI	19,964	161	62	Q
NØDA	18,408	156	59	Q
KI7Y	108,480	678	80	U
W7WHY	53,976	346	78	U
K7VIT	12,528	116	54	U
WO7V	8,450	65	65	U
K7GT (+ W7KNX)	81,212	514	79	M

### Utah

WF4U	19,908	158	63	B
N7VM	174,560	1,091	80	A
WA7LNU	60,192	397	76	A
W7GT	26,460	210	63	A
WA7BME	1,232	28	22	A
K9JWV	31,188	226	69	Q
K7UT	33,370	235	71	U

### Western Washington

KK7S	168,480	1,053	80	UL
K7QQ	115,498	731	79	UL
N7NM	85,760	536	80	UL
AE7EE	58,812	377	78	UL
W7PSK	11,252	97	58	UL
K7RL	199,840	1,249	80	B
W7GKF	137,120	857	80	B
AB7R	85,800	550	78	B
K7RR	63,756	414	77	B
WC7Q	46,512	323	72	B
N7RVD	46,368	322	72	B
WA7PRC	43,310	305	71	B
N7DOE	23,688	188	63	B
W7WA	169,760	1,061	80	A
N7WA	144,728	916	79	A
K9JF	94,642	599	79	A
WA7AA	87,048	558	78	A
K7HBN	78,936	506	78	A
W7PU (N7EPD, op)	67,452	438	77	A
W7QN	52,256	368	71	A
K7ZG	48,640	320	76	A
AI7AA	48,450	323	75	A
W7WST	48,000	320	75	A
W7POE	36,180	270	67	A
NG7Z	30,222	219	69	A
WB7FJG	28,980	207	70	A
K7VM	26,928	204	66	A
N7EIE	22,656	177	64	A
N7QS	18,560	160	58	A
WB4SPB	17,612	119	74	A
AB7RW	16,592	136	61	A
K1LKR	16,320	120	68	A
KC7YE	14,416	136	53	A
WO7U	11,990	109	55	A
NN7SS (K6UFO, op)	114,080	713	80	Q
K7SS	44,250	295	75	Q
KX7L	37,346	263	71	Q
WN7Z	20	2	5	Q
W7IJ	89,782	583	77	U
K7EG	16,724	113	74	U
W7VXS	7,200	75	48	U

### Wyoming

K7KU (KØKR, op)	195,680	1,223	80	B
K7VU	142,740	915	78	A
K7WA	85,280	533	80	A
N7IX	20,296	172	59	A
WG7Y	11,342	107	53	A
WC7S	44,640	310	72	Q
KB7QOS	22,192	152	73	Q
KO7X	108,800	680	80	U
WY7SS	17,286	129	67	U
N7QAX	10,880	80	68	U

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### Michigan

KC8OBH (+ KC8PKY)	10,340	94	55	ML
W8PLP (KC8CAJ, KC8LTL, WB8LZG, K8RDN, ops)	9,152	104	44	ML
K8MJZ	17,202	141	61	B
WA1UJU	105,860	670	79	A

K8SB	75,544	497	76	A	N2OPW	10,082	71	71	A	N9BT	16,940	154	55	A
K8GT	64,064	418	77	A	N4HAI	9,984	96	52	A	WD9CIR	16,470	135	61	A
N8UO	59,736	393	76	A	N3JJT	7,560	90	42	A	KC9IL	14,112	126	56	A
WD8S	58,212	378	77	A	WX8F	4,032	48	42	A	K9PMV	9,792	96	51	A
N8YO	47,880	315	76	A	N5EE	93,288	598	78	Q	WD9HBC	9,690	95	51	A
K8MEG	46,620	315	74	A	W8RTJ	73,944	468	79	Q	NV9X	8,280	90	46	A
NF8M	43,524	279	78	A	WA8RJF	28,944	216	67	Q	W9WJ	4,788	63	38	A
W8DW	39,606	287	69	A	N8IE	26,344	178	74	Q	N9IJ	2,700	45	30	A
N8EA	38,198	269	71	A	K8ZT	60	5	6	Q	K9ZO	108,546	688	79	Q
K8AAX	34,970	269	65	A	N8XE	62,726	397	79	U	K9JU	55,918	383	73	Q
K8RDJ	30,820	230	67	A	ND8L	43,050	287	75	U	AI9K	31,824	234	68	Q
KB8PGW	24,304	196	62	A	W8EDU (AF8A, W8RZ, W8WTS, ops)					AA9KH	10,176	96	53	Q
N8NX	21,594	177	61	A		147,200	920	80	M	K9JG	1,848	33	28	Q
KB8TL	20,904	156	67	A	<b>West Virginia</b>					K9NR	154,400	966	80	U
WC5B	19,698	147	67	A	N8II	85,952	544	79	B	K9MMS	105,120	657	80	U
KC8CAJ	19,404	154	63	A	K8NY	78,300	522	75	B	N2BJ	73,600	460	80	U
KE8UM	14,478	127	57	A	W8OHT	67,784	458	74	B	N9IO	54,824	356	77	U
K8AE	8,588	113	38	A	K8JQ	61,912	436	71	B	WA9AQN	52,414	359	73	U
KD8DX	6,600	75	44	A	W8ZA	35,136	244	72	B	K9CC	49,786	341	73	U
N8KAM	4,104	54	38	A	WA8KAN	9,894	97	51	B	WX9U	18,216	138	66	U
KT8K	77,154	501	77	Q	W8IVF	105,386	667	79	A	N9OK	18,204	123	74	U
N8XX	47,952	324	74	Q	N4ZR	154,400	965	80	U	KI9A	13,920	145	48	U
N8BB	33,408	232	72	Q	<b>9</b>					K9ZM	13,674	129	53	U
KD8GOX	22,984	169	68	Q	<b>Illinois</b>					KM9M	13,502	157	43	U
N8KV	17,568	144	61	Q	N9CO	156,000	975	80	UL	KW9A (K9MMS, op)	10,700	107	50	U
K8BZ	99,200	620	80	U	K9CW	53,280	333	80	UL	K9IJ	1,800	36	25	U
K8MM	91,840	574	80	U	W9YS	43,776	288	76	UL	K9SD (+ KWØA & WBØSND)	73,766	479	77	M
N6FS	53,352	342	78	U	KK9DX	43,056	276	78	UL	<b>Indiana</b>				
KO8Z	48,984	314	78	U	K9PG	36,494	257	71	UL	K9WX	99,060	635	78	UL
NA8M	3,234	49	33	U	N9MSG	36,450	243	75	UL	W9TN	38,456	253	76	UL
NT8V (+ AC8W & N5ASU)	77,600	485	80	M	N9BOR	35,980	257	70	UL	KC9QQ	3,332	49	34	UL
<b>Ohio</b>					K9OR	29,808	207	72	UL	W9RE	209,120	1,307	80	B
K8BL	158,080	988	80	UL	K9IR	29,664	206	72	UL	KE9I	169,120	1,057	80	B
W8EH	15,622	107	73	UL	K9WMS	25,056	174	72	UL	WT9U	146,080	913	80	B
KD8BBK	11,092	118	47	UL	AB9M	4,248	59	36	UL	K9WWT	90,552	588	77	B
K1LT	173,440	1,084	80	B	KA9QGH	3,366	51	33	UL	AJ9C	158,560	992	80	A
N8AA	138,560	866	80	B	NG9R	1,326	39	17	UL	KJ9C	122,720	767	80	A
K8MP	120,000	750	80	B	N9GH	612	17	18	UL	K9JWI	73,786	467	79	A
N8TR	79,632	504	79	B	K9CT	177,440	1,109	80	B	N9AX	70,840	460	77	A
AC8E (K8MR, op)	64,752	426	76	B	K9BGL	159,840	999	80	B	W9ZRX	51,100	350	73	A
KE8M	58,934	373	79	B	W3HDH	53,960	355	76	B	K9NN	45,122	293	77	A
K8MR	58,788	426	69	B	KX9DX	33,768	252	67	B	N9FC	38,700	258	75	A
K8WDN	47,400	300	79	B	KG9N	22,914	201	57	B	KB9YGD	704	22	16	A
KF8UN	19,530	155	63	B	W9OO	21,440	134	80	B	WC9C	56,472	362	78	Q
W1NN	161,760	1,011	80	A	W9SE	7,120	89	40	B	N9DD	35,926	253	71	Q
KV8Q	132,160	826	80	A	K9KM	132,404	840	79	A	KB9BIT	12,782	83	77	Q
W8CAR	123,360	771	80	A	K9UIY	120,960	756	80	A	W9IU	115,814	733	79	U
N8BJQ	111,680	698	80	A	N9JF	91,640	580	79	A	K9NW	114,880	718	80	U
N9AUG	89,076	571	78	A	N9TK	87,216	552	79	A	W9SN	97,120	607	80	U
WB8JUI	75,306	489	77	A	WO9S	70,310	445	79	A	N9WKW	43,650	291	75	U
N8VV	65,450	425	77	A	WG9L	66,044	418	79	A	KØTQ	30,096	264	57	U
W8IDM	64,064	416	77	A	W9ZV	60,988	386	79	A	KK9V	12,528	116	54	U
W8PN	57,904	376	77	A	K9OM	58,144	368	79	A	K9DUR	9,936	92	54	U
W8TM	57,120	357	80	A	K9FO	51,984	342	76	A	<b>Wisconsin</b>				
N8CPA	49,588	322	77	A	K9XE	50,256	349	72	A	KB9S	102,542	649	79	UL
W8DHG	42,918	311	69	A	W9TTT	49,104	341	72	A	W9XT	38,608	254	76	UL
K8CI	34,272	238	72	A	KB9UWU	39,744	276	72	A	W9OA/9	24,056	194	62	UL
N8HP	31,536	216	73	A	N9LYE	38,160	265	72	A	NF9V	11,616	121	48	UL
K8AB	25,560	180	71	A	WB9HFK	35,712	248	72	A	K9ZT	10,368	72	72	UL
NS8O	22,632	164	69	A	AI9T	30,672	216	71	A	K1TN	112,574	731	77	B
N8TD	21,580	166	65	A	K9JE	30,530	215	71	A	KB9OWD	61,350	409	75	B
KB8GAE	19,932	151	66	A	W9XA	26,248	193	68	A	W9OP	44,992	304	74	B
K8RJW	17,930	163	55	A	WQ9T	22,680	180	63	A	N9CK	178,066	1,127	79	A
KQ1X	16,896	128	66	A	W9SZ	19,234	163	59	A	W9AV	49,500	330	75	A
WB8JAY	12,096	112	54	A										

WB9FIP	41,588	281	74	A	WIØWA (NØAC, op)				W6GMT	15,312	132	58	A	
WAØACF	39,900	266	75	A		112,632	741	76	A	WØRX	13,664	122	56	A
KA9VHG	37,960	260	73	A	N9HDE	60,040	395	76	A	KØPK	13,208	127	52	A
WE9V	36,260	259	70	A	WBØB	9,720	108	45	A	WBØKFM	11,330	103	55	A
W9DKB	28,380	215	66	A	WØEA	3,456	54	32	Q	AIØQ	10,904	94	58	A
WR9Y	26,532	201	66	A	NØXR	162,740	1,031	79	U	NØOK	2,100	35	30	A
W9KHH	20,808	153	68	A	NØMA (KCØVKN, WØEA, WØODS, AAØKW, W7II, ops)				WØRK	600	20	15	A	
K9QC	17,664	138	64	A		69,120	432	80	M	NØUR	115,340	730	79	Q
K9MU	9,696	101	48	A	<b>Kansas</b>				KØPC	113,568	728	78	Q	
KØCD	8,712	99	44	A	ACØE	5,840	73	40	UL	K1KD	167,360	1,046	80	U
W9FZ	8,360	95	44	A	KØFJ	10,506	103	51	B	KTØR (KØOB, op)				
N9XX	3,264	51	32	A	KØVBU	148,204	938	79	A		166,720	1,042	80	U
K9QH	640	20	16	A	KØPY	141,120	882	80	A	KØRC	98,276	622	79	U
N9NE	100,932	647	78	Q	KØHNC	46,324	313	74	A	NØBK	69,836	442	79	U
WI9WI	86,856	564	77	Q	ABØTX	32,256	252	64	A	WBØN	68,550	457	75	U
KC9ECI	46,050	307	75	Q	KEØMD	18,960	158	60	A	KEØL	35,550	225	79	U
W9UX	44,840	295	76	Q	KBØYFN	11,628	102	57	A	KØCN	31,360	224	70	U
K9AY	29,532	214	69	Q	NØNB	10,058	107	47	A	WØBM	27,750	185	75	U
AF9J	15,276	134	57	Q	KAØBHO	7,304	83	44	A	KCØRET	16,756	142	59	U
NE9U	159,200	995	80	U	KØVXU	70,832	466	76	U	KØKX	16,132	109	74	U
NS9I	81,120	507	80	U	WØUY	48,204	309	78	U	KØJUH	10,920	78	70	U
K9GS	67,184	442	76	U	KØBJ (+ KØWA, ABØS, WØNO)				KØHB (+ KØCKB)					
NØIJ	65,832	422	78	U		182,880	1,143	80	M		151,200	945	80	M
WW9R	49,742	323	77	U	KØHC (WØBH, op)				KØJA (+ KØJE)					
KA9FOX	11,956	122	49	U		179,040	1,119	80	S		44,352	288	77	M
<b>Ø</b>					<b>Minnesota</b>				<b>Missouri</b>					
<b>Colorado</b>					KØMPH	131,930	835	79	UL	KCØM	55,458	351	79	UL
ACØDS	143,040	894	80	UL	WØPI	119,360	746	80	UL	WØPC	2,850	57	25	UL
KØUK	79,772	518	77	ML	WGØM	43,766	277	79	UL	KFØIQ	240	12	10	UL
W4ZW	28,470	195	73	UL	WØERP	30,672	216	71	UL	KØDEQ	101,120	634	80	B
NØAH	18,340	131	70	UL	KSØT	25,160	185	68	UL	NSØM	28,968	213	68	B
KØAE	5,040	63	40	UL	NØIM	18,576	129	72	UL	KØFG	27,450	183	75	B
KØEU	187,680	1,173	80	A	NØKBD	17,182	121	71	UL	WAØBJR	52,704	366	72	A
WØCO	76,050	507	75	A	WBØSOK	11,020	95	58	UL	WDØECO	46,620	333	70	A
WØETT	75,922	493	77	A	NRØL	9,464	91	52	UL	KUØG	35,280	245	72	A
KCØV	74,382	483	77	A	NØOE	966	23	21	UL	WBØQLU	29,184	192	76	A
KGØZ (W4ZW, op)					WØAD	782	23	17	UL	WØHBH	25,080	190	66	A
	61,864	407	76	A	WØRU	220	11	10	UL	WBØPYF	15,180	110	69	A
KR7C	51,830	365	71	A	WØVB	2	1	1	UL	KAØP	1,196	26	23	A
WAØKAQ	23,660	182	65	A	NEØU	169,280	1,058	80	B	WØMHS	119,520	747	80	Q
KØLDS	18,216	138	66	A	K9DU	155,200	970	80	B	NØSO	2,784	48	29	Q
NN7A	16,988	137	62	A	NØBUI	104,566	679	77	B	WØTT	69,760	436	80	Q
K7VT (WØETT, op)					KMØO	100,562	653	77	B	ADØDX	54,720	360	76	U
	12,190	115	53	A	K3WT	99,684	639	78	B	<b>North Dakota</b>				
NGØT	8,964	83	54	A	WAØMHJ	53,136	369	72	B	KEØA	117,194	761	77	B
KCØWMN	6,004	79	38	A	KØVG	23,232	176	66	B	N7IV	127,296	816	78	A
W5EEA	70	5	7	A	NAØN	183,680	1,148	80	A	NØUD (WBØOAJ, op)				
KØAV	112,320	702	80	Q	KØAD	168,640	1,054	80	A		29,824	233	64	A
KRØU	3,128	46	34	Q	NØAT (NØKK, op)				WØCZ	4,248	59	36	Q	
WØZA	170,400	1,065	80	U		166,080	1,038	80	A	<b>Nebraska</b>				
WT9Q	163,360	1,021	80	U	KØTI	135,248	856	79	A	KØNE	66,836	434	77	UL
NØTA	89,270	565	79	U	WØZQ	84,084	546	77	A	WØKT	83,600	550	76	A
WØMU	67,236	431	78	U	KØTG	77,824	512	76	A	WØPQ	8,556	93	46	Q
KØXTR	13,552	121	56	U	KØRGR	70,500	470	75	A	KBØLF	14,868	118	63	U
KFØLA	13,140	90	73	U	KØJJR	54,670	355	77	A	<b>South Dakota</b>				
WØDLE (+ W2UP)					W9LHG	54,150	361	75	A	NØSXX	130,560	816	80	UL
	183,680	1,148	80	M	NØBM	44,712	324	69	A	WDØT	215,360	1,346	80	B
WØTOL (+ WØMU)					WAØRBW	33,258	241	69	A	WØSD (WØDB, op)				
	22,800	152	75	M	KIØF	29,748	222	67	A		176,328	1,116	79	B
<b>Iowa</b>					NØUY	28,762	197	73	A	KEØZ	33,320	245	68	A
NUØQ	75,366	477	79	UL	AAØAW	23,270	179	65	A	KØJV	34,188	231	74	Q
KØINR	38,000	250	76	UL	WØTVD (NØIJ, op)				KCØUXC	29,808	216	69	Q	
NØNI (AG9A, op)						22,914	201	57	A					
	227,040	1,419	80	B	WAØWOV	18,848	152	62	A					
KBØL	2,788	41	34	B	NØHJZ	18,468	171	54	A					

**Canada****Alberta**

VA6AM	99,856	632	79	UL
VE6TL	142,400	890	80	A
VE6SQ	18,544	152	61	A
VE6BIR	41,760	290	72	Q
VE6EX (+ ops)				
	190,720	1,192	80	M

**British Columbia**

VE7CC	206,880	1,293	80	B
VA7ST	138,566	877	79	B
VE7WO	33,660	255	66	B
VE7YU	106,548	683	78	A
VA7RN	59,280	390	76	A
VA7HU	44,352	336	66	A
VE7JKZ	43,650	291	75	A
VA7MM	15,158	143	53	A
VE7BGP	3,498	53	33	A
VE7XF	148,480	928	80	U

**Maritime**

VY2ZM (K1ZM, op)				
	229,760	1,436	80	B
VE9HF	80,184	514	78	B
VA1MM	64,372	418	77	B
VE1RGB	98,124	629	78	A
VE1ZAC	7,632	72	53	A
VE9OA	420	14	15	A
VY2SS	42,772	289	74	Q
VE1OP	157,440	984	80	U
VE9AA	12,482	79	79	U

**Manitoba**

VE4DR (VE3BXI & VA7DZ, ops)				
	60,532	410	74	ML
VE4YU	45,014	317	71	A
VE4JWC	5,244	57	46	A
VE4EAR	42,450	283	75	U

**Newfoundland/Labrador**

VO1HP	99,638	647	77	UL
VO1BQ	26,664	202	66	A
VO1TA	7,200	80	45	A
VO1MP	31,360	196	80	U

**Northern Territories**

VY1JA	3,000	50	30	A
VE8EV	1,044	29	18	A
VY1EI	85,470	555	77	U

**Ontario**

VE3GFN	97,960	620	79	A
VE3EY	90,376	572	79	A
VE3TG	87,048	558	78	A
VE3RCN	71,732	454	79	A
VA3EC	64,350	429	75	A
VE3TW	42,560	304	70	A
VE3OI	36,432	264	69	A
VE3EJ	25,870	199	65	A
VE3SB	5,120	80	32	A
VE3UZ	3,306	57	29	A
VE3ZT	3,172	61	26	A
VA3FN	330	15	11	A
VA3DF	97,032	624	78	Q
VA3SB	62,560	391	80	Q
VE3MO	24,034	197	61	Q
VE3LC	20,640	172	60	Q
VA3RKM	13,908	114	61	Q

**VE3KI (@ VE3FU)**

	158,080	988	80	U
VE3RZ	157,440	984	80	U
VE3XAT	50,402	319	79	U

**Quebec**

VA2WA (VA2WDQ, op)				
	167,840	1,049	80	UL
VE2EZD	54,568	359	76	B
VE2FK	39,050	275	71	B
VE2AWR	93,478	607	77	A
VE2QV (VE2FFE, op)				
	7,920	99	40	A
VE2FXL	476	17	14	U

**Saskatchewan**

VE5UF	22,572	198	57	B
VE5ZX	146,560	916	80	A
VE5SF	125,600	785	80	A
VE5UO	57,152	376	76	A
VE5AAD	24,318	193	63	A
VA5LF	1,536	32	24	A
VE5MX	77,376	496	78	U