

# 2013 ARRL November Sweepstakes (SSB) 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 = 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, High Power; ML = Multioperator, Low Power; S = School Club).

## 1

### Connecticut

K7GM	58,480	430	68	B
W1WEF	53,618	323	83	B
AB1QP	47,396	289	82	B
W2JU	47,242	299	79	B
WA1OUI	38,868	246	79	B
W1VT	11,776	128	46	B
W3IZ	10,464	109	48	B
N1IXF	101,600	635	80	A
K1XO	49,572	306	81	A
K1LEE	32,568	236	69	A
KB1YNT	27,702	171	81	A
K1RM	22,356	138	81	A
W1NSK	21,868	154	71	A
KX9X	21,440	160	67	A
WA1OTZ	19,030	173	55	A
N1YKH	14,280	102	70	A
WR1B	12,650	115	55	A
AB1NG	11,024	104	53	A
K1CTT	10,608	104	51	A
W1ZFG	5,904	72	41	A
KB1WEZ	1,980	33	30	A
K1LHO	1,632	34	24	A
KA1VMG	684	19	18	A
KB1EWM	220	10	11	A
KA1RWY	2	1	1	A
WA1LEI	280	14	10	Q
W1AW	138,724	878	79	U
W1AN	117,528	708	83	U
W1NG	109,560	660	83	U
WV1M	57,768	348	83	U
K1DM	22,914	171	67	U
N1MD	16,524	102	81	U
N1API	41,004	306	67	UL
W1KF	35,154	217	81	UL
KB1EHE	6,750	75	45	UL
W1QK	136,286	821	83	M
N2GZ	57,072	349	82	ML

### Eastern Massachusetts

W1BP	25,476	193	66	B
K1MGH	1,100	50	11	B
N1ALO	38,776	262	74	A
KC1SQ	38,654	251	77	A
W1TI	35,076	222	79	A
W1CCE	29,748	201	74	A
K1WCC	20,904	156	67	A
KB1FRK	15,250	125	61	A
W1BJ	11,368	116	49	A
W1MJ	9,200	100	46	A
K1TW	21,172	158	67	Q
W1MA	124,002	747	83	U
KG1E	53,960	355	76	U
K1TH	48,544	296	82	U
K1SLB	37,908	234	81	U
W1KQ	26,240	164	80	U

K1SM	19,716	159	62	U
W1ZZ	3,900	50	39	UL
K1KP	227,752	1,372	83	M
W1AF	135,136	824	82	S
W1KBN	23,182	173	67	S

### Maine

K1JB	107,748	657	82	B
KD1O	43,840	274	80	A
KX1E	24,700	190	65	A
N1OXA	22,946	149	77	A
AB1DZ	13,216	118	56	A
WW1ME	12,200	100	61	A
KA1C	9,212	94	49	A
K1LOG	8,272	94	44	A
N1IVY	3,822	49	39	A
KE5ISO	2,640	40	33	A
K1ESE	185,754	1,119	83	U
AA1UT	91,798	553	83	UL
N1NUA	32,550	217	75	UL
KB1UJS	18,178	149	61	ML

### New Hampshire

AF1T	237,712	1,432	83	B
N1JHJ	16,002	127	63	B
AE1P	142,428	858	83	A
K1TR	45,276	294	77	A
AC1J	30,552	228	67	A
KB1VUN	29,638	203	73	A
W1OHM	17,214	151	57	A
AE1D	9,212	94	49	A
KB1YSK	9,200	100	46	A
NS1O	2,790	45	31	A
N1XUQ	2,726	47	29	A
WA1N	2,268	42	27	A
KC1ANK	1,920	40	24	A
W1XV	6,020	70	43	Q
N1KWF	81,838	493	83	U
KA1O	60,756	366	83	U
K1VO	31,040	194	80	U
K1ZO	112,714	679	83	UL
WA1ZYX	40,986	253	81	UL
N1BNC	64,944	396	82	M
KB1NH	41,168	248	83	ML

### Rhode Island

K1SD	91,260	585	78	A
K1VSJ	24,424	172	71	A
WB4SON	34,020	210	81	U
W1XX	292,160	1,761	83	M
W1AQ	93,440	584	80	M

### Vermont

W1IRA	13,674	129	53	B
W1ECH	48,216	294	82	A
KC1SS	34,320	220	78	A
KA1PKN	15,232	119	64	A
KB1NHV	14,880	120	62	A
W1AD	6,570	73	45	A

KB1WXM	6,300	75	42	A
K1TNT	5,896	67	44	A
KB1ODM	390	15	13	A
W1ZU	2,250	45	25	Q
WB1GQR (W1SJ, op)	281,038	1,693	83	U
N1BCL	79,056	488	81	U
W4ZYT	5,070	65	39	UL
W1GMW	1,064	28	19	ML

### Western Massachusetts

NC1I (K9PW, op)	298,966	1,804	83	B
K5ZD	98,750	625	79	B
N1TA	220	11	10	B
K1BG	121,180	730	83	A
KX1X	84,564	522	81	A
K1MAZ	60,372	387	78	A
WN1E	40,432	266	76	A
AB1GF	34,182	211	81	A
N1DBL	32,832	216	76	A
KB1DMR	21,080	155	68	A
K1VOI	6,528	68	48	A
KB1TAC	5,040	90	28	A
W1MSW	58,876	359	82	U
KB1W	41,860	299	70	U
NU1O	21,948	177	62	U
N1RR (@K1TTT)	267,260	1,610	83	M
W1YK	47,580	305	78	M

## 2

### Eastern New York

WC2W	182,250	1,125	81	B
K2UF	173,470	1,045	83	B
KM2O	141,040	860	82	B
AB2KX	96,778	583	83	B
W2XL	70,824	454	78	B
N1EU	42,976	272	79	B
K2QY	39,368	259	76	B
N2SAB	15,870	115	69	B
N2LH	15,500	155	50	B
K2HAT	14,832	103	72	B
KC2TVJ	288	16	9	B
W1WV	107,070	645	83	A
WA2JQK	82,000	500	82	A
N2MTG	25,856	202	64	A
K8LEF	22,490	173	65	A
WB2KHE	20,060	170	59	A
N2LBZ	16,256	127	64	A
W2LP	12,932	122	53	A
N2JBA	9,690	95	51	A
W2XM	7,040	80	44	A
KD2DOE	5,166	63	41	A
WB2HRK	2,204	38	29	A
KB2SMZ	494	19	13	A
W2MRD	480	16	15	A
W2GDJ	177,284	1,081	82	U

N2SQW	104,746	631	83	U	KC2TA	22,568	217	52	A	WA3ZMH	18,048	141	64	A
K2CYE	29,440	184	80	U	KD2BXD	1,740	29	30	A	KB3LTT	15,720	131	60	A
WB2BTJ	31,500	210	75	UL	AK2S	1,716	33	26	A	W3GY	14,640	120	61	A
W2DFC	26,144	172	76	UL	AB2IO	144	9	8	A	W3SD	10,800	108	50	A
N2PBN	19,152	152	63	UL	K2UT	28,368	197	72	Q	KB3OZA	9,408	96	49	A
KD2EOM	18,810	165	57	UL	N2MM	159,028	958	83	U	N3XLS	8,892	114	39	A
WA3AFS	11,396	74	77	UL	W2YC	52,644	321	82	U	NT3F	7,998	93	43	A
N2Y	79,182	477	83	M	K2SQS	38,880	240	81	U	N3JNX	5,762	67	43	A
W2DSC	5,576	68	41	S	KF2E	7,104	74	48	U	KB3GJT	1,536	32	24	A
<b>New York City-Long Island</b>					WA2LET	41,000	250	82	ML	W2SRH	1,512	36	21	A
WB2NFL	50,020	305	82	B	KE2D	38,078	241	79	ML	NQ3U	1,050	25	21	A
K2RB	44,872	284	79	B	<b>Western New York</b>					N3XTP	924	21	22	A
AC2CZ	39,050	275	71	B	W2LC	145,748	878	83	B	N3WGH	448	16	14	A
KS2G	95,094	587	81	A	WB2WPM	68,888	436	79	B	KB3IPZ	286	13	11	A
N2PN	54,614	329	83	A	N2ZN	49,350	329	75	B	WK2P	120	6	10	A
N2N	40,672	248	82	A	W2OP	5,994	81	37	B	KS3K	84	7	6	A
KT2G	14,448	129	56	A	WW2P	53,196	341	78	A	KM3K	48	6	4	A
WA2RXS	12,120	101	60	A	WD2F	36,936	228	81	A	KB3UCW	2,294	37	31	Q
N2KYP	11,440	110	52	A	N2DD	30,800	200	77	A	K3MD	196,212	1,182	83	U
W2HCB	6,150	75	41	A	KC2VMP	30,504	186	82	A	NY3A	164,820	1,005	82	U
WB2TPS	3,840	64	30	A	K2ZR	30,044	203	74	A	K3WWW	113,046	681	83	U
K2TV	2,418	39	31	A	W2PIP	26,740	191	70	A	NE3H	47,360	320	74	U
N2MUN	89,424	552	81	U	W2RLK	19,536	148	66	A	N3ST	32,960	206	80	U
NY6DX	51,012	327	78	UL	W2RLF	12,408	132	47	A	W3FV	26,240	164	80	U
WA2MAV	20,064	152	66	UL	W2MFW	12,064	104	58	A	KO1D	22,952	151	76	UL
<b>Northern New Jersey</b>					W2MKW	12,064	104	58	A	N3RM	18,368	112	82	UL
N2NC	132,136	796	83	B	AB2TC	11,616	121	48	A	W3ZGD	58,764	354	83	ML
W2UDT	34,352	226	76	B	AD2TM	6,600	75	44	A	W3KZ	264	11	12	S
W2DZ	17,856	144	62	B	K1PTF	3,960	55	36	A	<b>Maryland-DC</b>				
K4BNC	13,284	81	82	B	AE2NG	2,944	46	32	A	KD4D	268,256	1,616	83	B
WQ2N	5,530	79	35	B	WJ2O	2,752	43	32	A	N3UM	159,692	962	83	B
W2RQ	114,964	701	82	A	AC2HJ	612	18	17	A	K3RA	147,906	891	83	B
WA2LXE	53,404	338	79	A	K2BCM	336	14	12	A	WB4FDT	81,158	527	77	B
KC2QDU	27,048	196	69	A	KD2DO	18	3	3	A	KK4GV	32,702	197	83	B
KC2WUF	24,426	177	69	A	N2HTT	16,104	122	66	Q	K3AU	29,232	232	63	B
K2DBK	23,058	189	61	A	K2DV	14,148	131	54	Q	W3TMS	10,044	81	62	B
WB2IDV	17,202	141	61	A	NG2P	28,700	175	82	U	K8GU	252	14	9	B
WB2AZE	8,036	82	49	A	KC2YEA	33,372	206	81	UL	WR3R	93,972	573	82	A
KA2ANF	7,000	70	50	A	K2SI	30,800	200	77	UL	W1EG	84,788	517	82	A
KC2QJB	5,336	58	46	A	KB2URI	16,320	120	68	UL	K3KU	71,832	438	82	A
KC2HRG	966	23	21	A	KC2LRC	4,464	62	36	UL	WB8YYY	57,270	345	83	A
KC2GLG	880	22	20	A	KD2ETT	82,458	509	81	M	AA3S	45,752	301	76	A
W2JEK	5,520	69	40	Q	W2TZ	170,150	1,032	83	ML	AB3TM	35,588	217	82	A
W2VQ	175,628	1,058	83	U	NW2K	79,016	476	83	ML	AB3IC	30,756	233	66	A
K2DFC	118,690	715	83	UL	KF2VX	18,144	144	63	ML	WR3T	22,512	168	67	A
N2LJ	14,100	150	47	UL	K2CDX	1,856	32	29	ML	K3DCW	20,878	143	73	A
WA2LUL	440	20	11	UL	<b>3</b>					WB3CII	20,862	171	61	A
W2LV	153,832	938	82	M	<b>Delaware</b>					KB3YSM	17,112	138	62	A
AB2DE	37,350	225	83	M	N3ME	135,108	834	81	B	NS3T	15,720	131	60	A
W2EF	6,278	73	43	ML	W3PP	76,626	473	81	A	W3FA	10,064	136	37	A
<b>Northern New York</b>					K3CWF	35,224	238	74	A	W3CNB	8,544	89	48	A
WU2M	82,492	503	82	B	K2HVN	22,410	135	83	A	K3NCO	7,920	99	40	A
N2ASD	13,776	123	56	A	NY3C	13,396	197	34	A	N3VN	4,256	56	38	A
K2LML	4,736	64	37	A	W3RLO	4,182	51	41	A	AC3RK	2,460	41	30	A
AB2ZY	95,616	576	83	U	N8NA	1,008	24	21	A	WW3N	2,204	38	29	A
NN2L	64,906	391	83	U	WA2VQV	816	24	17	A	KB3ANZ	360	15	12	A
K2DB	22,946	149	77	U	K9RS	53,950	325	83	U	KG1L	242	11	11	A
K2NNY	90,470	545	83	UL	W3GNQ	40,662	251	81	U	W4PBG	60	5	6	A
K2CC	92,588	586	79	S	K3JD	154,380	930	83	M	NA1DX	33,150	221	75	Q
<b>Southern New Jersey</b>					<b>Eastern Pennsylvania</b>					N3UR	19,890	153	65	Q
KF2Y	42,712	281	76	B	KK6L	122,508	747	82	B	AB3RW	4,180	55	38	Q
KV2R	55,840	349	80	A	N3NRN	78,084	482	81	B	N3RR	218,954	1,319	83	U
W2FDJ	39,516	267	74	A	NW3H	61,254	369	83	B	K3DNE	205,840	1,240	83	U
K2WJL	39,300	262	75	A	KY3W	27,504	191	72	B	W3LL	201,690	1,227	83	U
KV2M	25,350	195	65	A	W2DLT	23,430	165	71	B	K1RH	152,720	920	83	U
					WA2GBF	38,720	242	80	A	W3UL	117,860	710	83	U
										K3ZQ	112,880	680	83	U

N1WR	111,386	671	83	U	W3WN	18,360	135	68	UL	N9KY	33,034	199	83	UL
W3CB	110,224	664	83	U	N3QC	74,620	455	82	M	KO4OL	18,460	142	65	UL
K2PLF	99,712	608	82	U						N8ZFM	13,640	110	62	UL
K3MM	91,134	549	83	U	<b>4</b>					<b>North Carolina</b>				
K3QX	85,116	519	82	U	<b>Alabama</b>					NX9T	109,062	657	83	B
WB2ZAB	84,296	514	82	U	KC4HW	155,308	947	82	B	WM2Z	108,398	653	83	B
K1DQV	78,228	477	82	U	K4AB	31,088	232	67	B	NR3X	96,944	584	83	B
K3TN	74,700	450	83	U	K4ZGB	46,950	313	75	A	N4TL	8,556	93	46	B
W3KL	73,760	461	80	U	KJ4LTA	37,440	240	78	A	KK4NC	1,200	24	25	B
N3WD	70,882	427	83	U	KO4FV	19,044	138	69	A	W4FT	81,838	493	83	A
N8HTG	64,574	389	83	U	KW4J	13,332	101	66	A	W4MPS	64,076	386	83	A
K3PU	63,578	383	83	U	K4VPZ	11,844	94	63	A	WB4JFS	48,360	310	78	A
W2GPS	63,578	383	83	U	W4SPA	8,000	80	50	A	KK4RV	43,840	274	80	A
W2CDO	59,778	369	81	U	KK4UHR	1,924	37	26	A	N4IOZ	39,900	266	75	A
K3YDX	58,598	353	83	U	N4JF	43,736	284	77	Q	K2JB	35,316	218	81	A
N1SZ	57,948	439	66	U	AB4EJ	114,048	704	81	U	KG4NEL	26,358	191	69	A
W3MC	48,052	293	82	U	K4TD	98,106	591	83	U	K4MGA	24,888	183	68	A
W3OU	36,814	233	79	U	N4KH	79,348	478	83	U	KD4MXA	23,998	169	71	A
W3BW	23,408	152	77	U	K4WI	72,708	438	83	U	W2ZV	23,240	166	70	A
W3SFG	12,272	104	59	U	KJ4RAQ	57,186	353	81	U	WA4GQG	22,400	140	80	A
N3YIM	7,668	71	54	U	K4HAL	48,438	299	81	U	NA4X	22,320	155	72	A
NE3K	5,964	71	42	U	N4KG	27,552	168	82	U	K4WES	19,110	147	65	A
NN3RP	4,472	52	43	U	KR4F	12,616	83	76	U	AA4R	18,368	112	82	A
K3STX	3,016	52	29	U	AA4YL	6,624	72	46	U	W4COH	14,124	107	66	A
W3EXP	2,968	53	28	U	W4UAL	70,550	425	83	M	W6DVS	13,284	81	82	A
KE3X (@N3HBX)					WN1G	86,154	519	83	ML	N4WJW	11,336	109	52	A
	178,284	1,074	83	UL	<b>Georgia</b>					KS4S	10,584	98	54	A
W4EE	57,564	369	78	UL	K4JPD (N4OO, op)					KJ4WD	3,000	50	30	A
WA3AER	49,086	303	81	UL		280,872	1,692	83	B	K4EOR	2,256	47	24	A
N3ALN	48,140	290	83	UL	K4UB	99,102	597	83	B	KI4DDC	2,112	44	24	A
WA3KYY	45,504	288	79	UL	K4NV	10,480	131	40	B	K4TMC	1,978	43	23	A
AB3RY	37,920	240	79	UL	N4PN	246,178	1,483	83	A	N0KOE	1,650	33	25	A
K3CCR	33,726	231	73	UL	N4QET	43,120	280	77	A	K4BSK	918	27	17	A
AB3LK	11,446	97	59	UL	N4VDL	42,632	292	73	A	KK4IQD	680	20	17	A
N3FJP	7,154	73	49	UL	W4JDS	36,814	233	79	A	WA4BCS	242	11	11	A
K3OQ	3,536	52	34	UL	KJ4HZ	30,044	203	74	A	KK4MOV	144	9	8	A
N3OC	239,372	1,442	83	M	KF0JA	28,280	202	70	A	N4ZAK	16,848	162	52	Q
WA3EKL	238,210	1,437	83	M	K4BLL	19,630	151	65	A	W4TZM	13,794	121	57	Q
K3MIM	230,242	1,387	83	M	N2WF	18,880	160	59	A	W2VMX	2,808	52	27	Q
W3IDT	225,760	1,362	83	M	AI4UN	11,648	104	56	A	W4MR (AA4NC, op)				
N3QE	138,112	832	83	M	WO4MW	4,332	57	38	A		276,722	1,667	83	U
N3AFT	89,640	540	83	M	W4CCH	4,256	56	38	A	N1LN	210,488	1,268	83	U
N8IVN	60,882	417	73	M	K2CMH	32	4	4	A	N4GU	130,144	784	83	U
WX3B	59,714	409	73	M	K4TXQ	2	1	1	A	N4CW	76,916	469	82	U
K3NEM	36,348	233	78	M	N4JVP	24,320	152	80	Q	K4QE	57,768	348	83	U
K3AJ	151,724	914	83	ML	K1ZZI	135,124	814	83	U	K3KO	49,634	299	83	U
W3GR	64,480	403	80	ML	N4GG	11,400	75	76	U	K2AV	33,142	227	73	U
WN3N	53,136	324	82	ML	KT4ZB	43,658	263	83	UL	WX4G	23,496	178	66	U
W3LRC	43,460	265	82	ML	KB4KBS	35,256	226	78	UL	KZ1X	14,442	87	83	U
W3VPR	14,384	116	62	ML	KK4RGF	1,768	34	26	UL	W4AAA (KK9A, op)				
KB3YPY	10,192	98	52	ML	N4BFR	1,040	26	20	UL		247,008	1,488	83	UL
					AA4XG	176,464	1,080	82	M	N4HXI	82,668	498	83	UL
<b>Western Pennsylvania</b>					W4AQL	10,304	112	46	S	W4MY	81,838	493	83	UL
W3SO	132,840	820	81	B	<b>Kentucky</b>					W4KAZ	73,320	470	78	UL
N3XF	34,830	215	81	B	ND4Y	82,318	521	79	A	K4QPL	63,744	384	83	UL
N3TIR	8,832	96	46	B	KU4A	74,292	453	82	A	AA4FU	50,868	314	81	UL
N3EMF	3,472	62	28	B	K3VIN	21,600	150	72	A	KZ2I	40,872	262	78	UL
K3UA	120,516	726	83	A	N4XFF	13,320	111	60	A	K4XD	35,466	257	69	UL
WA3HGW	44,654	269	83	A	KC4WQ	12,320	80	77	A	K3IRV	30,150	201	75	UL
N3WMC	21,328	172	62	A	W4LC	11,856	76	78	A	K6RM	4,524	58	39	UL
N3LT	11,016	108	51	A	KG4OCJ	10,200	102	50	A	K4OV	280,208	1,688	83	M
KB3QBA	476	17	14	A	AK3Q	5,016	57	44	A	<b>Northern Florida</b>				
KB3ZRO	72	6	6	A	K4SPO	4,264	52	41	A	AK4P	53,286	321	83	B
WU0T	40	5	4	A	K4WW	51,684	354	73	U	N9UY	12,992	112	58	B
KD7QOT	18	3	3	A	KD4SN	73,372	442	83	UL	NE9O	2,352	42	28	B
NK8Q	79,704	486	82	Q	AJ4A	41,500	250	83	UL	K1KNQ	98,564	601	82	A
W3WC	72,210	435	83	U										
KD3NB	23,392	172	68	U										

W8LWB	40,964	266	77	A	K4YZ	20,520	135	76	A	W4VG	14,136	114	62	A
K4DMH	35,916	246	73	A	KD4NH	20,328	154	66	A	N4KIT	14,110	85	83	A
AD4RE	20,150	155	65	A	K3ORS	18,176	128	71	A	KD7UIY	11,872	106	56	A
WM4DE	19,028	134	71	A	N4DW	16,464	147	56	A	AC8Y	10,192	104	49	A
K4SBZ	18,876	143	66	A	KJ4KKD	12,220	94	65	A	W4QQI	10,176	96	53	A
N4MUH	13,860	126	55	A	WB3JKQ	6,072	66	46	A	KU8Z	8,800	88	50	A
K1HG	12,882	113	57	A	KV4MO	4,452	53	42	A	N5SMQ	8,374	79	53	A
K4GZB	7,396	86	43	A	W4CFW	312	12	13	A	WB4KFO	8,010	89	45	A
K3TW	68,060	410	83	Q	KK4NKK	4	1	2	A	K4ZW	6,750	75	45	A
WB4MNMK	19,456	152	64	Q	K9ELF	2	1	1	A	WA4EUL	5,092	67	38	A
AC2N	5,880	70	42	Q	KS4X	21,708	134	81	Q	KV4PY	4,408	58	38	A
K4XS	336,316	2,026	83	U	AB4GG	114,042	687	83	U	K2SSB	3,850	55	35	A
W3GLL	41,472	256	81	U	K4EDI	104,304	636	82	U	NA3Z	3,182	43	37	A
WB4OMM	165,170	995	83	UL	N4ZZ	59,700	398	75	U	K4CTL	2,838	43	33	A
NF4A	96,280	580	83	UL	W4UT	58,100	350	83	U	WF1L	2,600	52	25	A
<b>Puerto Rico</b>					KE4KMG	46,480	280	83	U	N3MA	912	24	19	A
NP4G	116,034	699	83	A	N4BCD	19,602	121	81	U	N3TG	32	4	4	A
KP4/N6	10,648	121	44	A	NS4X	6,320	79	40	U	W4IM	45,756	279	82	Q
WP3GW	5,984	68	44	A	K4IDK	21,840	156	70	UL	N2NQ	36,498	237	77	Q
NP4EG	3,762	57	33	A	K4DAY (+W4JUJ)	6,560	80	41	M	N4CF	24,564	178	69	Q
<b>South Carolina</b>					K4DAY	2	1	1	M	WR4I	11,564	98	59	Q
KG6MC	34,320	220	78	B	<b>Virginia</b>					AC6WI	180	10	9	Q
N4WPJ	3,036	46	33	B	W4RM (N3AHA, op)	237,214	1,429	83	B	W4MYA	219,120	1,320	83	U
W4IX	172,142	1,037	83	A	NC4S	123,282	761	81	B	W4NF	217,792	1,312	83	U
WA2VAX	45,738	297	77	A	K1GG	110,864	676	82	B	N3MK	117,030	705	83	U
WA8OJR	17,010	135	63	A	K4IVF	93,624	564	83	B	K4GMH	107,912	658	82	U
N4REF	13,536	94	72	A	N4PD	82,240	514	80	B	W4TTY	86,818	523	83	U
K14WFJ	11,128	107	52	A	K4EU	81,344	496	82	B	KC4D	83,268	514	81	U
WA5KSC	8,442	67	63	A	N2YO	79,846	481	83	B	N3UA	68,060	410	83	U
N9ZG	7,938	63	63	A	A14WU	74,620	455	82	B	K4MIL	56,088	342	82	U
WN4AFP	6,460	95	34	A	K5VIP	44,320	277	80	B	W1IE	50,184	306	82	U
KM4RK	4,756	58	41	A	N8AID	35,416	233	76	B	N4MM	49,800	300	83	U
N2IXX	4,524	58	39	A	W4AU	18,270	145	63	B	NN3W	49,468	298	83	U
KT4OO	4,032	56	36	A	KS4TL	17,004	109	78	B	W4JAM	43,326	261	83	U
N4VZ	1,792	32	28	A	KU4VY	14,518	119	61	B	W2YE	41,328	252	82	U
N4DDS	286	13	11	A	K7LU	1,288	28	23	B	N4JOW	34,780	235	74	U
W3WOT	50	5	5	U	WA3OFC	81,900	546	75	A	KK4EIR	28,644	186	77	U
KM4AF	544	17	16	UL	W4WWQ	61,088	368	83	A	W4VIC	26,240	160	82	U
<b>Southern Florida</b>					KR4YO	52,644	321	82	A	W4AD	20,992	128	82	U
W1MD	34,560	270	64	B	W4GDG	50,666	329	77	A	W3YY	20,160	126	80	U
N4BP	106,400	700	76	A	K4FJW	47,700	318	75	A	W4PK	14,948	101	74	U
K4JC	70,052	422	83	A	W4PFM	39,780	255	78	A	K14VCT	12,324	78	79	U
K5EEE	30,912	224	69	A	K4ORD	37,848	249	76	A	NW4V	4,320	60	36	U
W4DHT	25,344	176	72	A	AA2FD	37,000	250	74	A	K14UDF	1,476	41	18	U
KV4QS	22,814	187	61	A	K4YT	36,024	228	79	A	N2QT	119,354	719	83	UL
KB0ZNU	10,976	98	56	A	A14SV	34,808	229	76	A	N4VA	85,490	515	83	UL
N4PSE	71,712	432	83	U	AJ4LN	33,150	221	75	A	KG4W	59,532	363	82	UL
W4AS	15,200	95	80	U	N4DJ	32,800	205	80	A	K4FTO	30,384	211	72	UL
AF4RK	4,366	59	37	U	KK4XX	32,390	205	79	A	KE4VA	20,022	141	71	UL
N4LF	10,706	101	53	UL	W8RTN	31,500	210	75	A	KT0P	16,380	130	63	UL
AJ4DT	18,620	133	70	ML	W5KL	31,240	220	71	A	K4FPF	15,444	117	66	UL
<b>Tennessee</b>					KV4KY	30,494	193	79	A	W0JTC	11,100	111	50	UL
K0EJ	95,680	598	80	B	K4TOJ	27,200	200	68	A	KF4NMK	9,800	98	50	UL
K4RO	54,516	354	77	B	N3AO	26,838	189	71	A	N4FX	90,138	543	83	M
WB4YDY	50,868	314	81	B	KA4GFY	26,572	182	73	A	KF3N	86,920	530	82	ML
K9UQN	20,608	161	64	B	N4UA	26,136	198	66	A	N2XQM	79,514	479	83	ML
KA4OTB	20,482	133	77	B	KJ4VTH	25,728	192	67	A	KC4GIA	18,942	123	77	ML
K4BGV	8,586	81	53	B	WA3RGH	21,760	160	68	A	K4KDJ	29,520	180	82	S
N4VAN	264	12	11	B	AA4KD	21,168	168	63	A	<b>US Virgin Islands</b>				
NA4K	204,180	1,230	83	A	N1QEQ	20,930	161	65	A	WP2Z	356,900	2,150	83	M
WB4YDL	99,766	601	83	A	NN4RB	20,410	157	65	A	<b>West Central Florida</b>				
K4AMQ	32,704	224	73	A	K4YCR	16,560	138	60	A	NX4N	29,388	237	62	B
K4TNX	32,234	227	71	A	N8IK	16,472	142	58	A	W4LT	241,572	1,473	82	A
KC8LUB	30,104	212	71	A	KA3EHL	16,128	126	64	A	NG4L	23,100	165	70	A
W4DAN	22,000	200	55	A	W7IY	16,002	127	63	A	K2LYV	12,064	104	58	A
										KD4ACG	11,664	108	54	A

KD4CX	10,212	111	46	A
N2EGO	8,448	88	48	A
N2ESP	16,160	101	80	UL
AG4CG	9,310	95	49	UL
AD4YQ	782	23	17	UL

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**Arkansas**

WD5R	81,216	564	72	B
AF5BZ	8,528	104	41	B
N5DRM	3,136	56	28	B
K5JEF	1,056	24	22	B
KD5J	62,250	375	83	A
KJ5FA	34,444	218	79	A
WD5DJW	22,200	185	60	A
N5RN	14,608	88	83	A
WA5SOG	3,312	72	23	A
K5GSL	364	13	14	A
N5EE	46,488	298	78	Q
W3TZ	62,484	381	82	U
W5KI	340	17	10	U
WBØRUR	71,416	452	79	UL
KDØEKT	2,132	41	26	UL
W5JJ	131,306	791	83	M
AB5GG	96,944	584	83	M
W5YM	45,440	284	80	S

**Louisiana**

AF5P	9,888	103	48	B
KD5LNO	115,784	706	82	A
N5WE	55,932	354	79	A
N5YE	49,280	308	80	A
N5II	38,500	275	70	A
AF5JG	2,350	47	25	A
KI5EE	7,800	78	50	UL
KG5VK	253,648	1,528	83	M
W5GAD	90,882	561	81	M
K5LSU	34,500	230	75	S

**Mississippi**

WA5OYU	223,768	1,348	83	B
N4OGW	34,560	270	64	B
KC5EGR	29,820	210	71	A
WB5EIN	22,260	159	70	A
K5AWF	11,214	89	63	A
N5BLY	21,204	171	62	U
N5PA	3,080	55	28	UL
NA5NN	136,784	824	83	ML

**New Mexico**

N2IC	184,320	1,152	80	B
AA5B	125,712	776	81	B
K5TA	117,424	716	82	B
W7DXX	19,580	178	55	B
KAØZPP	43,924	278	79	A
KC7QY	26,864	184	73	A
W5IV	23,858	151	79	A
AB5JR	11,100	111	50	A
N3MRA	6,460	85	38	A
KD5AYW	3,922	53	37	A
N5JDT	2,940	49	30	A
N5WMQ	2,738	37	37	A
K5XY	510	17	15	Q
WA5ZUP	239,112	1,458	82	U
K5TQ	98,072	598	82	U
W5CO	16,002	127	63	U
NN5V	228,084	1,374	83	M
W5MPZ	66,092	403	82	ML

KK5OV	14,148	131	54	ML
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**North Texas**

K5WA	242,858	1,463	83	B
AD5XD	166,000	1,000	83	B
K7RB	95,742	591	81	B
AB5K	47,600	340	70	B
W5JK	18,792	162	58	B
W8FN	13,776	123	56	B
KF5NRS	2	1	1	B
WD5K	181,106	1,091	83	A
NT5V	136,452	822	83	A
N1CC	131,306	791	83	A
WA8ZBT	95,940	585	82	A
N5LFE	47,200	295	80	A
NW5Q	42,186	267	79	A
AD5UQ	36,150	241	75	A
KG5OA	31,920	266	60	A
AE5P	31,668	203	78	A
K9GWB	25,192	188	67	A
KF5TTN	17,280	144	60	A
N5JR	11,872	106	56	A
AC5T	10,494	99	53	A
AD5ST	10,388	98	53	A
KJ5RM	63,200	395	80	Q
KB5YIA	41,192	271	76	Q
K5KJ	15,104	128	59	Q
K5RT	282,532	1,702	83	U
AA5NT	34,188	231	74	U
K5IID	34,944	224	78	UL
WB5JC	34,656	228	76	UL
KM5FW	13,886	131	53	UL
K5WL	680	20	17	UL
WD5RAH	160	10	8	UL
N3BUO	189,406	1,141	83	M
K5CX	82,240	514	80	M
W5UNT	6,384	76	42	S

**Oklahoma**

K5LAD	52,788	318	83	B
WA5YNE	2,736	38	36	B
W5GFI	115,620	705	82	A
AF5Q	79,474	503	79	A
N5UWY	49,680	345	72	A
KB5IRL	38,700	258	75	A
KB9JVY	5,796	69	42	A
KE5GFY	2	1	1	A
KBØHH	240,036	1,446	83	M
W5KS	59,532	363	82	ML
W5CSC	21,462	147	73	ML
WD5AGO	21,060	135	78	S

**South Texas**

K5TR	330,174	1,994	83	B
NR5M	324,364	1,954	83	B
K5NA	250,938	1,549	81	B
K5GN	79,032	534	74	B
W5RQ	67,076	409	82	B
KE4D	22,776	156	73	B
N5VPC	76,960	481	80	A
NK5P	33,552	233	72	A
N5RWK	22,176	168	66	A
KE5RON	14,520	110	66	A
KC5FP	10,324	89	58	A
N5DTT	9,072	81	56	A
AE5LQ	2,726	47	29	A
K5WW	442	17	13	A
WV8J	8	2	2	A

AA5FX	2	1	1	A
AE5GT	28,704	208	69	Q
WD5FGZ	5,852	77	38	Q
K5LLA	178,782	1,077	83	U
K5MV	95,284	574	83	U
N5SV	20,500	125	82	U
KB5ZFO	16,800	150	56	U
K5GZR	198	11	9	U
KK5LO	41,148	254	81	UL
N5KAE	24,436	149	82	UL

**West Texas**

N5RZ	174,632	1,052	83	B
N5LUL	38,192	248	77	A
K5BZH	28,160	220	64	A
KF5SAB	26,220	190	69	A
W5RAW	23,800	175	68	A
KF5SOU	5,904	72	41	A
AF5FJ	5,456	88	31	A
KF5SPQ	800	20	20	A
N5ZC	229,080	1,380	83	U
N5DO	193,556	1,166	83	ML
WR5O	130,216	794	82	ML
KS5Z	43,946	301	73	ML
N5ZMP	26,784	186	72	ML

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**East Bay**

N6JS	196,710	1,185	83	B
KE6QR	68,850	425	81	A
K2GMY	43,594	307	71	A
N6ENO	24,320	190	64	A
K6EGF	17,550	135	65	A
KS6M	17,024	133	64	A
AE6C	11,662	119	49	A
WB6NER	8,772	86	51	A
KI6CYT	8,008	91	44	A
KK6DF	3,816	53	36	A
N6PN	3,060	51	30	A
KE6IUE	3,024	42	36	A
N6SF	2,852	46	31	A
NJ6W	2,016	36	28	A
KF6ZYD	1,248	26	24	A
W6DW	286	13	11	A
K6XC	7,470	83	45	Q
NS6T	164,340	991	83	U
KX7M	106,600	650	82	U
N6RNO	105,742	637	83	U
K6JAT	98,400	600	82	U
K6EZ	89,544	574	78	U
K6JEB	48,692	329	74	U
K6WG	10,086	123	41	U
W6RGG	7,644	91	42	U
KD6WKY	41,328	252	82	UL
AK6Y	32,400	225	72	UL
WT6K	23,530	181	65	UL
W6VAR	1,394	41	17	UL
N6BV	247,838	1,493	83	M
KD6KQW	33,292	203	82	M
W6K	66,096	408	81	ML
W6BB	29,946	217	69	S

**Los Angeles**

WA6URY	48,672	338	72	B
N7KFL	48,664	316	77	B
NI6W	15,600	150	52	B
N6TCZ	12,320	112	55	B
W6AQ	88,140	565	78	A

W6JK	58,460	370	79	A
NK6A	20,224	158	64	A
K6MUG	19,500	150	65	A
WB2KXC	8,256	86	48	A
AE6XC	7,134	87	41	A
KJ6NO	1,736	31	28	A
KF4LVZ	950	25	19	A
N6QQ	86,320	520	83	U
W6KC	62,648	382	82	U
W6SW	5,520	60	46	U
K6DSW	11,448	106	54	UL
W6YV	2,430	45	27	S

**Orange**

AA6PW	215,136	1,296	83	B
W6FPS	21,114	153	69	B
NT6X	7,200	60	60	B
N6ER	103,680	640	81	A
NN6CH	17,780	127	70	A
AD6GE	8,288	74	56	A
K6GB	6,930	63	55	A
WN6E	4,130	59	35	A
W6DTJ	1,924	37	26	A
K6PGH	1,440	30	24	A
KF6BRF	176	11	8	A
KK6RF	9,120	95	48	Q
WA6KHK	85,860	530	81	U
K6NR	51,590	335	77	U
KF6I	49,120	307	80	U
K6DDJ	27,202	203	67	U
KI6WD (@K6NFF)	29,232	203	72	ML
KJ6TPG	18,228	147	62	ML

**Pacific**

WH7Z	199,698	1,203	83	B
KH7Y	115,020	710	81	B
NH6Y	96,280	580	83	B
KH6CJJ	80,106	507	79	A

**Santa Barbara**

AG6AY	40,848	276	74	B
AA6WH	17,388	138	63	B
KA6MLE	11,466	117	49	B
WA6FXT	11,000	110	50	B
N6ZE	15,982	131	61	A
KJ6TTR	12,528	116	54	A
WB6PYK	448	16	14	Q
W6GL	8	2	2	Q
N6WS	8	2	2	Q
W6TK	169,320	1,020	83	U
N6MW	11,704	76	77	U
KI6QDH	20,562	149	69	UL
W6JWP	8,100	81	50	UL
W6RFU (W6AAF, op)	13,640	155	44	S

**Santa Clara Valley**

NU6S (@N6TV)	252,154	1,519	83	B
K6XX	221,112	1,332	83	B
AE6Y	164,506	991	83	B
NW6P (W6CT, op)	138,908	847	82	B
N6NF	138,278	833	83	B
N1HEL	70,290	495	71	B
WT6H	30,450	203	75	B
K6RB	1,440	30	24	B
AF6GA	12,980	110	59	A

KK6GMH	11,990	109	55	A
N6BCT	7,200	80	45	A
W6NEV	6,560	80	41	A
K6PDL	6,080	76	40	A
W4NJK	4,148	61	34	A
W6MSB	3,248	56	29	A
W6UQ	874	23	19	A
N6XI	600	20	15	A
AA6W	162	9	9	A
W7TAD	144	9	8	A
W6JMZ	84	7	6	A
KG6YPH	72	6	6	A
K6KQV	2	1	1	A
W6LPW	19,656	156	63	Q
AG6RX	2,028	39	26	Q
KF7PXT	1,040	26	20	Q
K6TU	191,730	1,155	83	U
K9YC	180,608	1,088	83	U
W6OAT	162,348	978	83	U
NO6F	160,556	979	82	U
N6DB	147,574	889	83	U
N7PR	125,280	783	80	U
K6SF (@W6YX)	123,606	763	81	U
K6TD	115,020	710	81	U
K6GT	111,054	669	83	U
KE1B	102,172	623	82	U
W6NN	101,188	617	82	U
W6FB	90,528	552	82	U
K6EU	89,972	542	83	U
N6TU	85,656	516	83	U
ND2T	84,132	513	82	U
N6DQ	81,344	496	82	U
K6MM	80,800	505	80	U
AA6XV	62,156	379	82	U
N3ZZ	54,208	352	77	U
KW6S	51,192	316	81	U
K6YL	44,936	274	82	U
KM6I	41,280	258	80	U
W6GJB	40,176	248	81	U
W6EB	34,860	210	83	U
NI6T	22,176	176	63	U
N5KO	21,736	143	76	U
N9YS	21,190	163	65	U
K6WV	14,268	123	58	U
W6SC	10,146	89	57	U
K6GHA	83,640	510	82	UL
N6AJS	52,136	343	76	UL
KE6TIM	16,874	143	59	UL
KJ6UXU	16,472	142	58	UL
N6NUL	13,000	130	50	UL
KZ2V	4,080	51	40	UL
W6DR	188,908	1,138	83	M
K6SU	140,800	880	80	M
W6YX	228,416	1,376	83	S

K6TD	115,020	710	81	U
K6GT	111,054	669	83	U
KE1B	102,172	623	82	U
W6NN	101,188	617	82	U
W6FB	90,528	552	82	U
K6EU	89,972	542	83	U
N6TU	85,656	516	83	U
ND2T	84,132	513	82	U
N6DQ	81,344	496	82	U
K6MM	80,800	505	80	U
AA6XV	62,156	379	82	U
N3ZZ	54,208	352	77	U
KW6S	51,192	316	81	U
K6YL	44,936	274	82	U
KM6I	41,280	258	80	U
W6GJB	40,176	248	81	U
W6EB	34,860	210	83	U
NI6T	22,176	176	63	U
N5KO	21,736	143	76	U
N9YS	21,190	163	65	U
K6WV	14,268	123	58	U
W6SC	10,146	89	57	U
K6GHA	83,640	510	82	UL
N6AJS	52,136	343	76	UL
KE6TIM	16,874	143	59	UL
KJ6UXU	16,472	142	58	UL
N6NUL	13,000	130	50	UL
KZ2V	4,080	51	40	UL
W6DR	188,908	1,138	83	M
K6SU	140,800	880	80	M
W6YX	228,416	1,376	83	S

**San Diego**

K6NA (N6ED, op)	308,760	1,861	83	B
W6IM	59,292	366	81	B
AA6EE	23,184	168	69	A
WA2OOB	15,738	129	61	A
W6AOZ	3,200	50	32	A
KJ6RMM	640	20	16	A
WB6NJA	8,844	66	67	UL
NX6T	312,080	1,880	83	M
WA6AUP	39,516	267	74	ML

**San Francisco**

KJ6WDL	43,512	294	74	B
NY6I	11,280	120	47	B
AI6II	9,660	105	46	B
N6ZFO	165,148	1,007	82	A
N6YEU	69,720	420	83	A
KE6WC	45,552	292	78	A
AE6YB	34,932	246	71	A
KI6ORO	34,720	248	70	A
K6JS	32,340	231	70	A
W6JTI	14,664	156	47	A
KJ6OGE	8,624	98	44	A
AA6DX	580	29	10	A
K3HZ (VK2CZ @W6FAA)	32	4	4	A
W6PZ	247,506	1,491	83	U
W6XU	159,858	963	83	U
K3FIV	25,058	187	67	UL

**San Joaquin Valley**

WC6H	284,026	1,711	83	B
WA6ZTY	109,020	690	79	B
W6SX	96,596	589	82	B
KD6FW	8,640	90	48	B
N6NZ	125,662	757	83	A
NZ6Q	46,046	299	77	A
N6IV	16,380	126	65	A
K6CSL	12,272	118	52	A
KJ6MSG	7,290	81	45	A
N6HK	5,762	67	43	A
WB6PVU	2	1	1	Q
K6CDJ	113,160	690	82	U
NM6G	111,718	673	83	U
N2NS	43,624	266	82	U
W6ZB	532	19	14	U
N6EE	118,572	723	82	UL
AA6K	54,270	335	81	UL
AF6JP	33,150	255	65	M

**Sacramento Valley**

N6RK	164,008	988	83	B
K9JM	103,252	622	83	B
KI6CG	80,496	516	78	B
K6LRN	61,936	392	79	B
W6FA	24,444	194	63	B
K6KO	10,388	98	53	B
AF7K	4,400	55	40	B
K6XV	82,476	522	79	A
W6VMT	42,966	279	77	A
K6KYJ	25,610	197	65	A
KQ6X	19,026	151	63	A
W6SWC	8,736	91	48	A
KK6GGC	4,080	60	34	A
NC6PT	2,852	46	31	A
NBØO	2,368	37	32	A
KI6GVM	874	23	19	A
W6VNI	540	18	15	A
KG6BZT	364	14	13	A
WB6MKS	240	10	12	A
KJ6BVA	40	5	4	A
W1SRD	273,900	1,650	83	U
W1RH	128,952	796	81	U
WE6Z	97,908	597	82	U
WX6V	83,000	500	83	U
W6SR	61,074	377	81	U
K6O	55,142	349	79	U
K6NV	53,088	336	79	U
K6DGW	50,232	322	78	U

K6JJ	43,416	268	81	U	WA7DUH	9,752	92	53	U
W6RKC	42,606	263	81	U	KF7QNL	9,744	116	42	U
N6YG	36,062	247	73	U	WA7LT	246,012	1,482	83	M
WB6CZG	10,812	106	51	U	<b>Idaho</b>				
WB6JJJ	10,600	100	53	U	K7CF	221,278	1,333	83	B
N6DZR	26,220	190	69	UL	KØTO	69,552	504	69	B
K6OK	15,840	132	60	UL	AA7VR	14,012	113	62	B
W7TR	8,272	94	44	UL	ND3O	13,068	121	54	A
W6BO	53,286	321	83	M	W7RNX	10,800	90	60	A
K6III	8,256	96	43	M	N7TMS	4,320	60	36	A
<b>7</b>					KV7N	103,584	624	83	U
<b>Alaska</b>					AD7VB	5,148	66	39	U
AL1G	110,080	688	80	B	W7ZRC	91,466	551	83	UL
KL6C	8,930	95	47	A	WZ7Z	6,390	71	45	UL
AL7LO	4,560	60	38	A	N7PI	85,656	516	83	M
AL9A	140,270	845	83	U	<b>Montana</b>				
KL2HD	129,760	811	80	U	N9RV	200,160	1,251	80	B
NL7V	35,264	232	76	U	KS7T	124,578	769	81	B
WL7BDO	46,452	294	79	UL	AE7AP	61,778	391	79	A
AL2F	23,436	186	63	UL	N7FLT	34,992	243	72	A
KL1JP	3,430	49	35	UL	KG7VQ	33,726	219	77	A
KL7RA	326,024	1,964	83	M	AB5ZA	24,576	192	64	A
KL7AIR	92,000	575	80	M	N7MSI	12,760	116	55	A
KL7JRC	72,480	453	80	M	KGØAL	9,016	98	46	A
<b>Arizona</b>					NE4RD	16,758	133	63	Q
KE2VB	94,880	593	80	B	N3RC	118,192	712	83	U
W7ON	51,004	311	82	B	KD7DCR	35,768	263	68	U
N7LR	39,420	270	73	B	WN7Y	15,794	149	53	ML
K7HP	28,006	209	67	B	<b>Nevada</b>				
W7PV	24,024	156	77	B	N7TR	105,576	636	83	B
W7ZR	16,952	163	52	B	KS6A	66,566	401	83	A
W7GDK	15,914	109	73	B	W7YKN	27,336	201	68	A
AE7VA	11,336	109	52	B	W6US	22,680	180	63	A
K9WZB	180,442	1,087	83	A	K6LON	15,616	122	64	A
KK7AC	141,860	865	82	A	K7DNH	12,744	118	54	A
N7TEW	32,266	221	73	A	K7LOP	9,690	95	51	A
AE7DW	31,360	224	70	A	KE7UQL	8,470	77	55	A
KT7AZ	26,064	181	72	A	KA6JLT	2,132	41	26	A
K7TR	25,960	220	59	A	W7RN (WX5S, op)				
KE7TM	16,740	135	62	A		294,816	1,776	83	U
WØPAN	15,694	133	59	A	AF6WF	22,968	174	66	UL
N7JXS	9,024	94	48	A	KU7Y	92,628	558	83	ML
KR7DX	7,544	92	41	A	<b>Oregon</b>				
N8EBN	5,280	60	44	A	NX1P	191,066	1,151	83	B
KK7EL	16,800	150	56	Q	W7KNX	83,754	517	81	B
K6LL	312,578	1,883	83	U	K6UM	31,824	234	68	B
AC7JM	43,800	292	75	U	KA7A	22,946	149	77	B
N9NA	36,400	280	65	U	AD7OG	11,232	108	52	B
K7MF	25,800	172	75	U	K2PO	258,794	1,561	83	A
WR5G	23,140	178	65	U	N7VS	42,336	294	72	A
K7JQ	21,760	160	68	U	KE7AUB	33,450	223	75	A
NY7N	140,270	845	83	UL	W7AAR	29,784	219	68	A
N7QP	8,798	83	53	UL	W7BRO	24,150	175	69	A
WO7R	77,672	532	73	M	KG7FEA	6,724	82	41	A
KD7RCJ	16,080	134	60	ML	K7JKM	2,376	44	27	A
<b>Eastern Washington</b>					N5ZR	340	17	10	A
WD7K	43,650	291	75	B	KD7WD	13,054	107	61	Q
KF7PBM	34,364	242	71	B	WS7L	17,272	127	68	U
KI7DG	7,392	88	42	B	W7WHY	12,528	108	58	U
WS7V	90,036	549	82	A	K7VIT	5,934	69	43	U
KC7H	37,200	248	75	A	KA7EMS	4,028	53	38	U
WAØWWW	25,976	191	68	A	K7GT	36,000	250	72	M
KK7XS	6,956	74	47	A	N7JI	15,732	138	57	M
KK7VL	8,448	96	44	Q	NK7J	66,748	407	82	ML
W7MCM	18,480	132	70	U					
					<b>Utah</b>				
					AG1T	97,252	593	82	A
					N7SMI	78,888	519	76	A
					K7ULS	22,932	234	49	A
					KK3T	4,752	72	33	A
					KF7ZZ	4,320	60	36	A
					N7KFD	3,626	49	37	A
					K7JSC	144	9	8	A
					N1XIH	16,638	141	59	Q
					AF7Z	131,868	814	81	U
					K7UT	18,528	193	48	U
					W7IVM	3,498	53	33	ML
					<b>Western Washington</b>				
					W7WA	348,600	2,100	83	B
					K7RL	325,028	1,958	83	B
					K7RI	259,956	1,566	83	B
					W7GKF	189,420	1,155	82	B
					W7PU	58,672	386	76	B
					KG7P	42,930	265	81	B
					KB7N	38,924	263	74	B
					WB7BBQ	35,850	239	75	B
					KF7DX	27,430	211	65	B
					W7OLY	24,800	155	80	B
					K9QJS	14,946	141	53	B
					AJ7B	8,736	91	48	B
					N7EPD	1,904	34	28	B
					K7MHL	1,584	36	22	B
					W7ZZ	85,212	526	81	A
					K7SS	56,214	347	81	A
					WR5J	53,136	369	72	A
					WB7FJG	42,778	293	73	A
					WA7PRC	36,984	268	69	A
					KD7RUS	33,150	255	65	A
					AI9Q	32,120	220	73	A
					AF7O	21,120	160	66	A
					W7QN	19,604	169	58	A
					KJ7QT	17,200	172	50	A
					K7STO	16,740	135	62	A
					W8BFX	14,760	123	60	A
					N7AME	12,876	111	58	A
					K3BYU	12,320	112	55	A
					AD7T	11,934	117	51	A
					N7QS	10,908	101	54	A
					KD7YDL	10,504	101	52	A
					N7MU	10,070	95	53	A
					W7SLS	8,820	98	45	A
					KG7GEX	4,830	69	35	A
					KC7WDL	3,828	58	33	A
					KE7SW	2,706	41	33	A
					K7WA	1,050	25	21	A
					N6LB	920	23	20	A
					KG7AVA	2	1	1	A
					NN7SS (K6UFO, op)				
						95,120	580	82	Q
					WA7PVE	49,140	315	78	Q
					W7PT	36,792	252	73	Q
					K6KR	43,788	267	82	U
					KB7KYK	28,762	197	73	U
					KT7G	16,120	124	65	U
					N7NM	14,378	91	79	U
					N7JB	1,008	24	21	U
					K7EG	168	12	7	U
					WG7X	23,986	179	67	UL
					<b>Wyoming</b>				
					WY7SS	182,600	1,100	83	B
					WB7S	28,336	184	77	B

K7VU	151,372	923	82	A
N7MZW	141,912	876	81	A
KA7PNH	135,674	881	77	A
KB7QOS	38,220	245	78	A
N7QAX	23,288	142	82	UL
K7EMR	5,040	72	35	ML

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**Michigan**

K8AO	212,480	1,280	83	B
AC8MR	22,632	138	82	B
WA8LE	15,594	113	69	B
WZ8T	91,134	549	83	A
WD8S	76,526	461	83	A
AC8JF	60,426	373	81	A
N8SBE	55,104	336	82	A
W8GX	52,326	323	81	A
KJ8O	40,000	250	80	A
KD8CAO	33,200	200	83	A
K8SSB	31,376	212	74	A
K0ACP	30,044	203	74	A
WA8RQU	26,064	181	72	A
WB8TQZ	24,840	180	69	A
KB8TWM	21,896	161	68	A
W8DW	20,800	160	65	A
KT8TD	18,432	144	64	A
KE8UM	14,616	126	58	A
NF8M	12,992	112	58	A
N8HAM	9,288	86	54	A
N8SS	9,200	92	50	A
NE8J	8,918	91	49	A
KB8U	8,840	85	52	A
KC8NLP	4,992	64	39	A
WA8AEN	3,640	52	35	A
AA8EE	968	22	22	A
KC9ON	630	21	15	A
AA8R	112	8	7	A
K8SB	2	1	1	A
KT8K	64,960	406	80	Q
N9UXU	13,362	131	51	Q
KD8QBA	828	23	18	Q
N8VY	28,800	192	75	U
N8MSA	26,100	174	75	U
KD8QYE	22,776	156	73	U
K8KHZ	53,946	333	81	UL
K8GT	38,078	241	79	UL
KD8HFX	5,368	61	44	UL
K8BZ	162,000	1,000	81	M
NT8V	81,174	489	83	M
K8EO	66,092	403	82	M
W8ZHO	40,404	259	78	M
W8PLP (WX8MOJ, KD8VHT, KD8OOS, NS8Q, WB8LZG, ops)	19,500	150	65	ML
W8MRM	13,622	139	49	ML
KC8PKY	11,742	103	57	ML
W8DC	5,796	69	42	ML
W8SH	50,880	318	80	S

**Ohio**

KW8N	278,714	1,679	83	B
AC8GX	110,864	676	82	B
AA8BV	31,080	210	74	B
N8SK	13,334	113	59	B
AC8GI	12,060	90	67	B
KF8UN	11,172	114	49	B
KC8WH	10,240	80	64	B

N8BV	81,174	489	83	A
KB8UHN	50,700	338	75	A
KB8UUZ	50,464	304	83	A
W8MRL	36,408	222	82	A
N8HP	34,650	225	77	A
N8OQQ	33,654	213	79	A
KC8HQS	29,600	200	74	A
KB8SHE	29,304	198	74	A
K8VUS	29,256	212	69	A
WA8YVF	26,880	192	70	A
K9NW	26,448	228	58	A
NR8U	24,768	172	72	A
WD8BP	22,910	145	79	A
WT8E	22,518	139	81	A
WB8LCD	22,240	139	80	A
WA8TWM	20,904	134	78	A
N8VV	19,530	155	63	A
KB8MYC	17,936	118	76	A
N8IPO	17,324	122	71	A
N8ZAK	16,896	132	64	A
AF8C	16,170	165	49	A
WA8LOW	15,800	100	79	A
KC8QHT	14,884	122	61	A
KN8F	14,592	128	57	A
NT8Z	12,432	111	56	A
W8IDM	12,200	100	61	A
KE8O	11,834	97	61	A
K8MSH	10,830	95	57	A
W8ASA	10,368	96	54	A
W1NN	8,732	118	37	A
N8DWN	8,134	83	49	A
NS8O	7,546	77	49	A
WX8F	6,486	69	47	A
WB8YHD	4,690	67	35	A
W8AJV	3,234	49	33	A
WB8WNV	2,666	43	31	A
W8KNO	612	17	18	A
K8PXR	2	1	1	A
ND8L	94,620	570	83	U
N8IVE	24,108	147	82	U
W8EH	23,490	145	81	U
AD8P	12,012	77	78	U
W8HMK	420	15	14	U
N8BC	40,014	247	81	UL
WS6K	33,948	207	82	UL
K8CI	23,240	166	70	UL
KC8RPV	16,422	119	69	UL
K8BL	13,778	83	83	UL
KD8MQ	2,666	43	31	UL
N8WS	162	9	9	UL
N8HR	194,054	1,169	83	ML
K8YR	63,520	397	80	ML
K8SCH	22,308	143	78	ML
W8AJT	21,528	138	78	ML
W8GVB	18,894	141	67	ML
W8DGN	8,100	81	50	ML
KC8CFM	3,876	57	34	ML

**West Virginia**

K3ZJ	219,120	1,320	83	B
W8ZA	92,130	555	83	B
KB8UJY	44,226	273	81	B
W8CMK	33,760	211	80	B
W8OHT	20,410	157	65	B
K3MQP	9,936	92	54	B
WB8EKG	17,480	115	76	A
W8IDW	13,216	118	56	A
KV8S	50,076	321	78	U

N4ZR	41,600	260	80	U
KU1T	34,438	257	67	U
KB8KMH	21,528	138	78	U
NW8U	133,168	812	82	M

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**Illinois**

K9BGL	230,242	1,387	83	B
WG9L	21,462	147	73	B
W9SE	10,812	106	51	B
KG9N	6,438	87	37	B
WR9L	95,120	580	82	A
N9LYE	64,428	413	78	A
N9NT	61,908	402	77	A
WO9S	57,934	349	83	A
KG9X	40,256	272	74	A
K9JE	39,500	250	79	A
K9SB	39,468	253	78	A
N9TF	31,724	206	77	A
KC9IL	31,464	228	69	A
NY9X	30,636	207	74	A
W9JF	29,944	197	76	A
W9TOC	26,718	183	73	A
WB8BZK	24,288	176	69	A
WQ9T	23,450	175	67	A
WA9LEY	16,250	125	65	A
WB8RFB	15,376	124	62	A
AG9A	15,360	120	64	A
K9JU	14,946	141	53	A
AA9IL	14,840	106	70	A
NF9D	13,908	114	61	A
K9NO	13,104	117	56	A
NV9X	8,280	90	46	A
WI9B	7,600	100	38	A
K9JG	6,636	79	42	A
KE9EX	6,076	62	49	A
W9WJ	4,872	58	42	A
KC9SNI	4,590	51	45	A
KD9MS	3,036	46	33	A
N9BT	1,380	30	23	A
W9GYK	98	7	7	A
AI9K	12,650	115	55	Q
KC9LIF	8,424	81	52	Q
K9JK	4,176	58	36	Q
KC9AMM	1,320	30	22	Q
KC9OMS	1,040	26	20	Q
W9VQ	48	6	4	Q
N2BJ	257,632	1,552	83	U
KI9A	55,404	342	81	U
KC0TOT	49,928	316	79	U
N9IO	32,112	223	72	U
W9GIG	31,752	196	81	U
AC9FL	28,674	177	81	U
N9MBR	21,320	164	65	U
KM9M	18,360	153	60	U
KD0EKA	6,384	76	42	U
KB9NW	3,312	46	36	U
W9QL	73,040	440	83	UL
KC9UJS	46,812	282	83	UL
KA9MOM	38,540	235	82	UL
N9GUN	36,800	230	80	UL
N9FJB	15,498	123	63	UL
K9PG	13,778	83	83	UL
AB9M	4,416	69	32	UL
AB9YC	1,008	24	21	UL
W9IIX	720	24	15	UL
N0FCD	162,514	979	83	M



N9SJ	157,866	951	83	M	W9XT	49,410	305	81	UL	K0VBU	23,828	161	74	A
N9REP	24,708	174	71	ML	KC9PFA	1,536	32	24	UL	W8LM	20,368	152	67	A
K9TMS	23,088	156	74	ML	W9FZ	49,742	323	77	ML	NY0T	16,380	130	63	A
N9YH	11,770	107	55	ML	KB9DFE	19,964	161	62	ML	KC0GL	16,006	151	53	A
W9JWC	51,520	322	80	S	N0XC	5,382	69	39	ML	WB0ZWW	15,120	120	63	A
<b>Indiana</b>														
W9RE	196,344	1,212	81	B	W9HHX	23,718	177	67	S	W0IE	3,192	57	28	A
KE9I	184,094	1,109	83	B	<b>Ø</b>									
KJ9C	135,456	816	83	B	<b>Colorado</b>									
WO9Z	116,864	704	83	B	W0LSD	21,690	241	45	B	K0VBU	23,828	161	74	A
K9SG	34,650	231	75	B	K0XTR	17,368	167	52	B	W8LM	20,368	152	67	A
K9RU	27,744	204	68	B	W0OVM	14,784	96	77	B	NY0T	16,380	130	63	A
K9AMP	23,046	167	69	B	NA0BR	8,640	96	45	B	KC0GL	16,006	151	53	A
KB9ORH	19,272	146	66	B	N0WRK	8,184	93	44	B	WB0ZWW	15,120	120	63	A
N1ND (@K9LA)					W9RM	85,920	537	80	A	K0FJ	9,576	84	57	U
	18,816	147	64	B	W0ETT	72,640	454	80	A	W0NO	295,978	1,783	83	M
WT9U	163,012	982	83	A	KF0UR	72,588	526	69	A	K0BJ	209,658	1,263	83	M
K9MV	38,500	250	77	A	KE0W	28,800	200	72	A	W0MI	27,552	168	82	M
NJ9U	23,460	170	69	A	K0AE	27,594	219	63	A	K0JJM	54,612	333	82	ML
WB9LRK	13,080	109	60	A	KD0BIK	26,784	186	72	A	K0HC	261,118	1,573	83	S
AJ9C	2,236	43	26	A	N0GOS	24,720	206	60	A	K0KU	62,624	412	76	S
N9QP	640	20	16	A	NE0DA	17,936	152	59	A	<b>Minnesota</b>				
KR9E	240	12	10	A	KB0JIT	14,204	134	53	A	K0HB	186,632	1,138	82	B
KC9QQ	74,202	447	83	U	K0LDS	8,468	73	58	A	K0JJR	51,678	319	81	B
W9IU	60,590	365	83	U	W0SG	8,272	88	47	A	K0VG	30,096	209	72	B
N9WKW	39,688	242	82	U	KB0HP	6,840	76	45	A	W0JEC	14,016	96	73	B
KK9V	23,436	189	62	U	K0ANS	2,852	46	31	A	K0CN	167,772	1,023	82	A
K0TQ	23,288	164	71	U	KQ0C	32,430	235	69	Q	N0UY	101,440	634	80	A
K9DUR	20,424	148	69	U	KR0U	7,832	89	44	Q	KA8HDE	52,052	338	77	A
N4TZ	75,932	463	82	UL	WD4IXD	213,808	1,288	83	U	AI0Q	48,822	309	79	A
W9PA	67,562	407	83	UL	KV6O	62,472	411	76	U	KD0QEA	43,016	283	76	A
W9CSX	52,644	321	82	UL	KB0YH	57,436	346	83	U	AJ0CM	36,408	246	74	A
N9VI	42,994	259	83	ML	K0EU	42,316	298	71	U	WA0LJM	34,790	245	71	A
N9MT	220	10	11	ML	KF0LA	20,736	128	81	U	AA0AW	34,080	213	80	A
W9YB (KA9NOH, KC0MSV, KC9RQT, ops)					K0UK	168,756	1,029	82	UL	KD8HAM	31,080	222	70	A
	35,112	228	77	S	AD1C	42,120	270	78	UL	K0TNT	25,668	186	69	A
K9IU	7,826	91	43	S	N0AJN	5,280	66	40	UL	K0TC	25,472	199	64	A
<b>Wisconsin</b>														
AA9A	271,078	1,633	83	B	K0ALT	24,510	215	57	M	K0LEJ	18,144	144	63	A
N0IJ	116,480	728	80	B	W0FRC	62,560	391	80	ML	WB0VHF	17,766	141	63	A
K9WIS	33,072	212	78	B	AC9D	33,600	224	75	ML	NR0T	15,360	128	60	A
KF9DB	32,076	198	81	B	<b>Iowa</b>									
K1TN	18,696	114	82	B	W0PPF	31,640	226	70	B	K0VH	13,888	124	56	A
K9MU	177,952	1,072	83	A	WB0LJK	36,936	243	76	A	WA0WOW	13,674	129	53	A
K0PJ	145,304	886	82	A	AD0H	32,520	271	60	A	W0ZQ	13,338	117	57	A
W9ROG	109,560	660	83	A	N0HD	29,944	197	76	A	KD0UWZ	12,980	118	55	A
N9EAX	50,880	318	80	A	N0LOH	20,034	159	63	A	N0MDC	7,452	69	54	A
N9CK	39,450	263	75	A	KC8R	18,054	153	59	A	WA0VPJ	4,810	65	37	A
WB9BWP	23,936	176	68	A	KD0UKC	15,582	147	53	A	KT0T	4,356	66	33	A
KC9CDW	15,660	135	58	A	N0SFH	11,660	110	53	A	N0TYE	2,430	45	27	A
WR9Y	14,080	128	55	A	N0XR (@N0NI)					KD0CVO	2,340	39	30	A
AB9XI	12,210	111	55	A		266,098	1,603	83	U	NR0L	1,488	31	24	A
WA9HED	10,830	95	57	A	N0HR	224,266	1,351	83	U	WA0BNX	1,380	30	23	A
K0CD	10,494	99	53	A	K2DSW	47,508	321	74	U	AD0BX	936	26	18	A
W9JET	10,126	83	61	A	NU0Q	58,158	359	81	UL	N0MK	540	18	15	A
W9DKB	4,896	68	36	A	N0MA (AA0KW, K0DAS, KA0IES, KB0NRP, KC0SKM, KD0SXF, KX9Y, N0MMA, N0LNO, W0EA, W0IY, W7II, WB0LJK, WE0F, ops)					KC0VFP	32	4	4	A
KB9S	920	23	20	A		215,800	1,300	83	M	ND0C	81,344	496	82	Q
W9KHH	850	25	17	A	<b>Kansas</b>									
N9NE	67,200	420	80	Q	WA0N	78,884	481	82	B	K0RGR	33,228	234	71	Q
K9ARF	30,880	193	80	Q	AD0AB	14,208	111	64	B	WF0T	28,288	208	68	Q
AF9J	14,036	121	58	Q	W0ZC	42,028	266	79	A	WA0MHJ	4,824	67	36	Q
N9GQ	7,360	80	46	Q	K0RH	36,140	278	65	A	K1KD	271,576	1,643	83	U
WE9V (KB9OWD, op)					AA0FO	28,680	239	60	A	W0BM	103,750	625	83	U
	292,658	1,763	83	U	WA0RKQ	26,064	181	72	A	KI0F	79,348	478	83	U
WW9R	71,504	436	82	U										

NØKK (@NØAT)						KØUSA	26,640	185	72	ML	VE8EV	235,720	1,420	83	U
	245,348	1,478	83	UL		<b>South Dakota</b>					VY1EI	173,920	1,087	80	UL
KØFVF	159,360	960	83	UL		KKØSD	110,058	663	83	A	<b>Ontario East</b>				
KØAD	97,276	586	83	UL		KCØMYW	29,618	251	59	A	VA3MTT	18,876	121	78	B
WGØM	51,824	316	82	UL		WBØULX	26,240	160	82	A	VE3CR	15,470	119	65	B
KØMPH	35,752	218	82	UL		WØGUS	8,588	113	38	A	VA3TIC	55,200	345	80	A
WØPI	33,572	218	77	UL		KDØS	32,116	217	74	U	VA3RAC	47,600	340	70	A
WAØRBW	28,762	197	73	UL		WØSD	362,710	2,185	83	M	VE3DVY	27,690	195	71	A
KØOB	26,268	199	66	UL		<b>Canada</b>					VA3NW	25,900	185	70	A
WØRU	23,088	156	74	UL		<b>Alberta</b>					VE3EP	8,036	82	49	A
WBØSOK	19,032	122	78	UL		VA6UK	66,912	408	82	B	VE3AD	7,722	99	39	A
KØPC	17,280	160	54	UL		VE6GD	6,080	76	40	B	VA3JLF	6,952	79	44	A
KJØP	17,018	127	67	UL		VE6TN	45,600	304	75	A	VE3FCT	12,096	96	63	Q
NØODK	2,992	44	34	UL		VE6SQ	29,256	212	69	A	VA3RKM	8,160	85	48	Q
KCØRSX	60	5	6	UL		VE6RFM	17,136	119	72	U	VE3KJQ	420	15	14	Q
KØJA	31,360	196	80	M		VE6EX	226,424	1,364	83	UL	VE3KI	111,220	670	83	U
KEØL	8,300	83	50	M		<b>British Columbia</b>					<b>Ontario North</b>				
NØHJZ	101,758	613	83	ML		VE7CC	242,526	1,461	83	B	VE3RX	69,864	426	82	A
WØZF	39,010	235	83	ML		VA7AAA	201,690	1,215	83	B	VE3EEU	15,840	144	55	A
WØMR	13,356	126	53	ML		VA7ST	164,174	989	83	B	VE3CX	189,738	1,143	83	U
<b>Missouri</b>						VA7JW	109,032	708	77	B	VA3SK	90,802	547	83	M
KØDEQ	120,366	743	81	B		VE7CKZ	19,028	142	67	A	<b>Ontario South</b>				
WBØQLU	71,012	433	82	B		VE7CLX	7,084	77	46	A	VE3YT	53,040	340	78	B
WNØX	52,836	357	74	B		VA7AM	6,160	55	56	A	VA3XH	15,812	118	67	B
AAØA	7,740	86	45	B		VA7AQD	5,538	71	39	A	VE3RCN	49,410	305	81	A
KUØG	213,808	1,288	83	A		VA7MPG	3,922	53	37	A	VA3EEB	15,232	119	64	A
NXØI	79,868	487	82	A		VE7GM	1,178	31	19	A	VE3PQ	3,604	53	34	A
WAØBJR	74,400	465	80	A		VA7IR	162	9	9	Q	VE3OIL	7,304	83	44	Q
N7WY	68,960	431	80	A		VE7URN	11,172	114	49	UL	VE3MGY	136,800	855	80	UL
WBØPYF	33,654	213	79	A		VE7SAR	17,464	148	59	ML	VE3VSM	20,020	182	55	UL
W7KAM	30,100	215	70	A		VE7NA	16,592	136	61	ML	VA3ZV	121,346	731	83	M
WØHBH	27,264	192	71	A		<b>Greater Toronto Area</b>					VE3SGB	52,800	330	80	M
KAØAIG	25,488	177	72	A		VA3SWG	110,722	667	83	A	VE3UZ	22,196	179	62	ML
WØNFS	11,550	105	55	A		VE3TW	102,754	619	83	A	<b>Quebec</b>				
KDØJBN	10,098	99	51	A		VA3ZLT	23,560	155	76	A	VE2EZD	19,026	151	63	B
WBØQIR	9,638	79	61	A		VA3PAW	8,820	90	49	A	VE2SG	16,384	128	64	B
KDØRSX	1,978	43	23	A		VE3AJ	50	5	5	A	VE2HIT	108,896	656	83	A
KAØP	8	2	2	A		VE3RZ	170,316	1,026	83	U	VE2AWR	93,152	568	82	A
KØOU	25,476	193	66	Q		VE3HEU	4,992	64	39	UL	VE2TSM	29,748	201	74	A
NWØM	139,606	841	83	U		<b>Maritime</b>					VE2SVF	29,700	198	75	A
WAØJZK	48,140	290	83	U		VY2ZM	361,880	2,180	83	B	VE2QV	21,120	165	64	A
KDØFW	43,776	288	76	U		VE9HF	81,162	501	81	B	VE2PDT	11,760	105	56	A
KIØHA	40,006	241	83	U		VY2LI	1,026	27	19	B	VE2EBK	6,052	89	34	A
WØJPL	13,448	82	82	U		VY2TT (K6LA, op)					VA2IC	2,992	44	34	A
KØJPL	6,336	72	44	U			261,450	1,575	83	U	VA2EN	96,612	582	83	U
NØPVZ	56,744	346	82	ML		VE9AA	81,838	493	83	U	<b>Saskatchewan</b>				
<b>North Dakota</b>						VE9ACL	10,672	92	58	UL	VE5SF	118,690	715	83	A
NØSJ	39,680	248	80	A		VE9OA	83,312	508	82	ML	VE5GC	14,620	170	43	A
WBØIWG	28,014	203	69	Q		VE9UNB	13,000	125	52	S	VE5AAD	12,480	120	52	A
K9DIG	207,198	1,279	81	U		<b>Manitoba</b>					VE5RI	200,196	1,206	83	M
WBØDSF	2,862	53	27	UL		VE4VT	239,538	1,443	83	B					
WAØCSL	48,980	310	79	ML		VE4YU	62,156	379	82	A					
<b>Nebraska</b>						VA4CQD	6,006	77	39	A					
WBØYYE	82,212	527	78	A		VE4RON	1,440	30	24	A					
NØRZT	21,516	163	66	A		VE4GV	266,762	1,607	83	UL					
WØKT	19,950	175	57	A		VE4EA	181,770	1,095	83	UL					
KBØQH	19,680	164	60	A		<b>Newfoundland/Labrador</b>									
NØLJD	14,560	140	52	A		VO1BQ	31,960	235	68	A					
NØUJT	6,216	74	42	A		VO1KVT	94,786	571	83	U					
KDØRTK	3,468	51	34	A		<b>Northern Territories</b>									
KBØVVD	2,040	51	20	A		VE8GER	19,500	150	65	A					
KDØVUB	70	7	5	A											
KØZL	70,684	431	82	Q											
WBØGBI	63,294	411	77	U											
KØGND	245,348	1,478	83	M											