





**Moldova**

ER3AU 7,682 172 46 S A  
 ER3ZZ 5,670 136 42 S A  
 ER3DX 3,080 70 44 M A

**Estonia**

ES3RF 22,295 349 65 S A  
 ES4MM 10,746 201 54 S A  
 ES1LS 7,420 216 35 S A  
 ES1WST 2,490 83 30 S A  
 ES2DJ 154 16 11 S B  
 ES5TF (@ ES5EC)  
 11,520 198 60 M A  
 ES2MA 3,880 98 40 M A

**Belarus**

EU8RZ 69,579 874 81 S A  
 EW7KF 22,208 373 64 S A  
 EW4MM 4,026 122 33 S A  
 EW4AA 66,123 721 93 S B

**France**

F5BEG 46,128 499 93 S A  
 F6HRP 23,147 296 79 S A  
 F5RD 10,530 237 45 S A  
 F8DZU 5,544 131 44 S A  
 F1IWH 4,360 113 40 S A  
 F4FDA 1,160 40 29 S A  
 F4FSB 684 38 18 S A  
 F5TMJ 238 17 14 S A  
 F6DKQ 196 15 14 S A  
 F5NBK 72 10 8 S A  
 F5CQ 55,020 529 105 S B

**England**

G0MTN 61,570 666 94 S A  
 G0HVQ 32,370 419 78 S A  
 G4WGE 16,875 227 75 S A  
 G8MIA 10,976 198 56 S A  
 G0CMP 10,080 213 63 S A  
 M0RYB 8,418 184 46 S A  
 G4EBK 6,435 168 39 S A

G4DBW 6,307 122 53 S A  
 M0SDY 3,842 118 34 S A  
 2E0TQR 3,800 103 38 S A  
 G0SNG 2,210 70 34 S A  
 G6CSY 1,700 68 25 S A  
 G3RSD 1,504 48 32 S A  
 G6PZ (UT5UDX, op)

198,924 1,674 121 S B

G0HDV 25,925 438 61 S B  
 G4SGI 10,808 196 56 S B

M0AAA (G0VQR, op)

1,173 52 23 S B

G4MKP 45,600 490 95 M B

**Northern Ireland**

MI0SAI 41,002 504 83 S A

**Scotland**

GM0NB 24,388 371 67 S A  
 GM0FGI 50,132 611 83 S B  
 MM0BQI 17,181 253 69 M A

**Guernsey**

GU0SUP 17,425 205 85 S A

**Wales**

MW0CRI 19,980 275 74 S A  
 GW4BLE 47,821 497 97 S B  
 GB50ATG 6,576 148 48 S B  
 MW2I 104,868 984 108 M B

**Hungary**

HA5LZ 47,348 537 89 S A  
 HA7MB 33,384 439 78 S A  
 HG3FMZ 13,727 273 53 S A  
 HA5OMM 4,495 152 31 S A  
 HA5NB 3,782 126 31 S A  
 HA5OYO 680 40 17 S A  
 HA1YI 77,812 804 98 S B  
 HA5PT 32,688 462 72 S B  
 HA9PP 15,776 236 68 S B  
 HA1DAE 44,616 512 88 M B

**Switzerland**

HB9SVT 11,554 229 53 S A  
 HB9DOD 2,652 71 39 S A  
 HB9BGF 315 23 15 S A  
 HB9ALH 18,722 262 74 S B  
 HB9DHG 13,039 225 59 S B  
 HB9CRV 9,405 211 45 S B

**Italy**

IK1DFH 33,060 446 76 S A  
 IK2YCW 30,888 366 88 S A  
 IK4QJF 18,176 290 64 S A  
 IZ3GOG 13,520 214 65 S A  
 IW1AYD 12,996 236 57 S A  
 IW5ALG 12,988 198 68 S A  
 IK3ORD 11,194 197 58 S A  
 IW3RUA 10,716 199 57 S A  
 IZ3KSO 9,259 199 47 S A  
 IK3STG 8,880 150 60 S A  
 IW4EQI 8,437 148 59 S A  
 IZ1DXS 8,260 144 59 S A  
 IK3ASM 5,928 115 52 S A  
 IK8NBE 3,344 79 44 S A  
 IW0SAF 3,154 85 38 S A  
 IV3KSE 2,268 63 36 S A  
 IZ8FTW 1,440 48 32 S A  
 IZ2FDY 437 25 19 S A  
 IN3FHE 289 17 17 S A  
 IW9HIK 12 4 4 S A  
 IZ5OQX -3 3 3 S A

IQ2CJ (IK2NCJ, op)

149,193 1,258 121 S B

IQ1RY (IK1HXN, op)

134,351 1,148 119 S B

IZ0KBR 87,668 875 101 S B  
 IW1PNJ 66,040 644 104 S B  
 IW2MZX 28,770 423 70 S B  
 IZ2EWM 23,798 338 73 S B  
 I5WNN 23,316 353 67 S B  
 IK8UND 22,420 297 76 S B  
 I2XLF 17,043 258 69 S B

I2DJX	13,002	199	66	S	B	<b>Finland</b>					OK2PF	420	30	14	M	A	
IZ8DVD	9,945	198	51	S	B	OH7MN	39,984	595	68	S	A	OL6X (OK1DIG, op)					
IK5FKF	8,370	135	62	S	B	OH2LU	22,952	305	76	S	A		188,328	1,434	133	M	B
IN3OWY/I2	6,321	136	49	S	B	OH2NT	15,181	333	47	S	A	OK3C	64,872	618	106	M	B
IZ5ILK	2,320	82	29	S	B	OH2LNH	9,384	191	51	S	A	OK1KT	17,775	246	75	M	B
IK2NCF	1,344	50	28	S	B	OH8TV	7,672	147	56	S	A	OK1ZE	5,520	120	48	M	B
IW1QN	51,308	512	101	M	A	OH2LZI	6,156	171	36	S	A	<b>Slovakia</b>					
IK0CHU	33,360	420	80	M	A	OH3DP	3,752	138	28	S	A	OM7OM	37,400	556	68	S	A
I4HRH	15,498	253	63	M	A	OH1TN	3,399	107	33	S	A	OM1VA	21,775	329	67	S	A
IZ0EHL	13,869	209	69	M	A	OH5KUY	966	48	21	S	A	OM5MX	11,760	217	56	S	A
IK2YSJ	990	47	22	M	A	OH2HAN	85,457	892	97	S	B	OM7RC	9,464	184	52	S	A
IZ8CCW	12,383	209	61	M	B	OH8WW	67,200	715	96	S	B	OM3TLE	8,595	199	45	S	A
<b>Sardinia</b>						OH2BBT	59,470	629	95	S	B	OM8LA	7,056	154	48	S	A
IS0LFZ	15,309	245	63	S	A	OH3FM	10,619	291	37	S	B	OM3PR	3,605	108	35	S	A
IS0YEK	4,320	95	48	S	A	OH2MQ	7,052	171	43	S	B	OM7YL	1,298	60	22	S	A
<b>Norway</b>						OH7JJT	3,432	88	39	S	B	OM3TPN	12,744	224	59	S	B
LA5TFA	4,050	139	30	S	A	OH2BCK	1,152	49	24	S	B	<b>Belgium</b>					
LA7CL	1,150	50	23	S	A	OH8KA	8,190	183	45	M	A	ON4BHQ	64,365	622	105	S	A
LA8PDA	44,283	512	87	S	B	OH2MZB	54,810	637	87	M	B	OR6C	17,496	244	72	S	A
LA9TJA	2,480	82	31	S	B	<b>Czech Republic</b>						ON6NL	85,260	746	116	S	B
LA9TY	336	21	16	S	B	OK6Y (OK2PTZ, op)						ON4ATW	59,584	619	98	M	B
<b>Lithuania</b>							36,818	454	82	S	A	<b>Denmark</b>					
LY3BY	34,440	496	70	S	A	OK1CRM	34,997	448	79	S	A	OZ6TL	7,599	151	51	S	A
LY9Y	30,825	415	75	S	B	OK1VRF	24,017	331	73	S	A	OZ1DGQ	1,080	44	27	S	A
<b>Bulgaria</b>						OK1SI	16,348	274	61	S	A	OZ7DK	434	31	14	S	A
LZ1ZM	9,984	199	52	S	A	OK2PQS	15,296	240	64	S	A	OZ7AEI	84	13	7	S	A
LZ4AE	8,022	192	42	S	A	OK1CLD	11,484	200	58	S	A	5Q2J	12,348	201	63	S	B
LZ1QV	6,864	148	48	S	A	OK2UHP	9,360	180	52	S	A	OZ1AXG	7,339	183	41	S	B
LZ2UZ	3,286	107	31	S	A	OK2FB	5,328	113	48	S	A	OZ/DJ8ES	18,278	249	74	M	A
LZ3DJ	903	44	21	S	A	OK2PMS	4,232	96	46	S	A	<b>Netherlands</b>					
LZ9R	56,846	667	86	M	A	OK2BXW	4,116	102	42	S	A	PA3DBS	40,338	492	83	S	A
LZ8E (LZ2BE, op)						OK1FTM	2,312	70	34	S	A	PD7BZ	38,784	414	96	S	A
	97,114	835	118	M	B	OK8YD	106,893	973	111	S	B	PD5LO	20,468	305	68	S	A
LZ2ZG	11,310	176	65	M	B	OK2SFP	46,658	574	82	S	B	PA3ARM	20,148	298	69	S	A
<b>Austria</b>						OK2SAR	24,310	452	55	S	B	PI4N	19,592	255	79	S	A
OE9NRH	7,525	175	43	S	A	OK1MSP	7,923	145	57	S	B	PA0O	17,020	238	74	S	A
OE5JKL	5,508	112	51	S	A	OK2PCL	7,852	152	52	S	B	PA3T	16,470	280	61	S	A
						OK1IC	6,232	164	38	S	B	PD0DK	13,393	258	59	S	A
						OK2SG	5,358	115	47	S	B	PA3EBP	11,460	195	60	S	A
						OK1DBE	3,610	97	38	S	B						

PA3ANN	7,084	173	44	S	A	SM2M (SM2LIY, op)						RV3QX	36,777	543	69	S	A
PE1MMZ	7,050	146	50	S	A		12,342	189	66	S	B	RX6LD	33,664	527	64	S	A
PA3HGF	5,076	113	47	S	A							UA6BJY	30,500	510	61	S	A
PA2CVD	4,522	144	34	S	A	<b>Poland</b>						UA4HJ	24,750	380	66	S	A
PB7XYL	3,645	90	45	S	A	SP8NR	63,552	669	96	S	A	RV6LCI	24,180	398	62	S	A
PE4BAS	3,219	88	37	S	A	SP9H	37,924	505	76	S	A	UA4ALI	22,008	398	56	S	A
PE2KP	3,080	80	40	S	A	SP9CTS	19,372	344	58	S	A	RN6MA	20,237	417	49	S	A
PA0TCA	2,772	78	36	S	A	SN3C (SP3ASN, op)						RW6AH	18,471	400	47	S	A
PA7PTT	1,150	50	23	S	A		18,837	278	69	S	A	UA3PT	15,400	321	50	S	A
PD0MD	975	44	25	S	A	SO9G (SP9DTE, op)						RN4SN	10,736	178	61	S	A
PA9RD	110	12	10	S	A		15,288	323	49	S	A	RX3MX	9,945	201	51	S	A
PA0BWL	6	3	2	S	A	SP3DSC	13,000	210	65	S	A	RA3RN	9,696	206	48	S	A
PI4DX (PD1DX, op)						SP9KAG	9,900	227	44	S	A	RN1AO	8,200	208	40	S	A
	134,463	1,036	133	S	B	SP9FT	7,956	159	51	S	A	RA3YBU	7,920	168	48	S	A
PA9DD	18,020	270	68	S	B	SP5GMM	5,859	96	63	S	A	RW3PF	7,844	152	53	S	A
PA0LOU	5,824	105	56	S	B	SP9CQ	4,429	105	43	S	A	RV3ZN	4,247	149	31	S	A
PA3GXT	5,587	155	37	S	B	SP4BPH	3,612	130	28	S	A	RA4LZ	3,630	131	30	S	A
PA0VST	638	31	22	S	B	SP6EIJ	3,330	116	30	S	A	UA4FTA	3,596	119	31	S	A
PA7RA	13,396	201	68	M	A	SP6NVK	1,431	56	27	S	A	RA6HSM	3,224	106	31	S	A
PA2A	7,128	201	36	M	A	SP9WTN	1,196	48	26	S	A	RN6DR	2,850	103	30	S	A
PA5KT	16,425	221	75	M	B	SP6TRX	910	35	26	S	A	RV3DBK	2,580	90	30	S	A
PA3EWP	12,728	175	74	M	B	SQ6NSJ	660	39	20	S	A	UA4PAY	2,457	93	27	S	A
						SP2MGR	9	3	3	S	A	RA4WC	2,403	90	27	S	A
<b>Slovenia</b>						SP4TXI	66,528	679	99	S	B	RZ3AIU	2,028	79	26	S	A
S57AM	25,489	371	71	S	A	SP3GXH	35,096	431	82	S	B	RX3MM	1,925	58	35	S	A
S57U	10,150	178	58	S	A	SO6I	29,484	370	81	S	B	RA3BQ	1,710	59	30	S	A
S56A	93,555	897	105	S	B	SP7IIT	1,767	58	31	S	B	RK4PB	1,140	60	19	S	A
S53M (S51FB, op)						SP1RKR	11,172	199	57	M	A	RV3IC	216	19	12	S	A
	155,776	1,229	128	M	B	SP4GL	8,880	191	48	M	B	RA4LK	209	21	11	S	A
												RN3DKE	20	5	4	S	A
<b>Sweden</b>						<b>Greece</b>						RD3AF	209,616	1,603	132	S	B
SM6BSK	23,450	337	70	S	A	SV2BFN	96,700	989	100	S	B	RG3K (UA3QDX, op)					
SM5CSS	22,644	335	68	S	A	SV1DPI	45,984	481	96	M	B		105,732	996	108	S	B
8S4S (SM6U, op)						SV1BDO/3	10,320	220	48	M	B	RA3ANI	81,002	820	101	S	B
	9,462	254	38	S	A							RW6CR	59,926	728	83	S	B
SA3V (SA3ARL, op)						<b>Iceland</b>						RW4WZ	32,560	598	55	S	B
	7,776	166	48	S	A	TF3AM	76,146	785	98	S	B	RN3ZC	30,070	490	62	S	B
SE5S	5,400	114	50	S	A	TF3AO	140	14	10	M	B	RK6CM	29,520	412	72	S	B
SM7ATL	3,255	93	35	S	A							RA3QH	13,068	250	54	S	B
SM5D (SM5DJZ, op)						<b>Kaliningrad</b>						RA3TT	12,920	194	68	S	B
	54,245	578	95	S	B	RA2FB	3,600	104	36	S	A	UA3WHK	12,200	248	50	S	B
SM7BHM	28,350	391	75	S	B												
						<b>European Russia</b>											
						RX3ZX	44,275	582	77	S	A						



HI8PJP 3,526 94 43 S A  
 HI8PLE 1,404 52 27 S A

**Honduras**

HQ2W (HR2DMR, op)  
 12,238 218 58 S A

**Grenada**

J39BS 93,840 1,027 92 S A

**Alaska**

KL7AC 38,412 584 66 S A  
 KL2R (N1TX, op)  
 34,350 459 75 S A

AL7L 3,432 89 39 S A  
 AL1G 25,075 431 59 S B  
 KL7IWC 23,313 426 57 S B  
 AL9A 53,452 652 83 M B

**Virgin Islands**

WP2B 167,580 1,611 105 S B  
 KP2D 82,863 865 99 M A

**Puerto Rico**

NP4BM 52,173 569 93 S A  
 KP4KE 13,068 203 66 S A  
 KP4JRS 14,457 239 61 S B

**Guatemala**

TG9ANF 49,476 658 76 S A

**Mexico**

XE2AU 18,166 303 62 S A  
 XE2K 131,412 1,413 94 S B  
 4A1B (XE1EE, op)  
 10,437 218 49 M A

**Oceania****Hawaii**

KH6CW (K7GQ, op)  
 16,524 309 54 S A  
 KH6ZM 137,740 1,433 97 S B  
 KH6GMP 21,228 370 58 S B

**Australia**

VK4BL 2,278 74 34 S A

VK7AD 1,792 57 32 S A

**Indonesia**

YB1ALL 825 37 25 S A  
 YB0KYM 144 16 12 S A  
 YC2LEV 56 8 7 S A  
 YB4IR 1,920 66 30 S B

**New Zealand**

ZL3TE (W3SE, op)  
 7,097 154 47 S A  
 ZL3GA 6 3 3 S A  
 ZM2A 7,296 134 57 S B  
 ZL1T 682 32 22 S B

**South America****Uruguay**

CX7TT 35,696 393 92 M B

**Colombia**

HK3Q 3,330 91 37 S B

**Argentina**

LU5FF 17,088 267 64 S A  
 LW5EE 4,305 109 41 S A  
 LW1HR 1,508 61 26 S A  
 LU1BJW 230 23 10 S A  
 LU4VEW 135 16 9 S A  
 LU3DY 5,734 125 47 M B

**Aruba**

P40YL 161,998 1,538 107 S A  
 P49X (W0YK, op)  
 358,360 2,931 124 S B

**Brazil**

PR7AR 16,575 229 75 S A  
 PY2SHF 4,324 95 46 S A  
 PY2AC 748 34 22 S A  
 PU5AAD 110 11 11 S A  
 PY4XX 4 2 2 S A  
 PY1KN 14,942 243 62 S B  
 ZX2B 119,886 1,147 106 M A  
 PU5ATX 12,915 217 63 M A  
 PY2IQ 2,052 58 36 M A

**Suriname**

PZ5RA 98,898 959 106 S B

**Venezuela**

YV5AAX 43,688 514 86 S A  
 YV6BTF 4,214 102 43 S A

**United States****1****Connecticut**

N8WXQ 26,720 342 80 S A  
 K1PU 17,640 253 70 S A  
 NX1T 14,000 206 70 S A  
 W1CTN 13,080 221 60 S A  
 W1IG 11,859 201 59 S A  
 K1DUQ 10,146 181 57 S A  
 N1SXL 8,745 159 55 S A  
 KA1GYB 3,990 103 42 S A  
 W1QH 110 11 10 S A  
 W1BV 106,995 1,023 105 S B  
 AB0LR 103,350 1,013 106 S B  
 K1SEZ 18,360 273 68 S B  
 W1AN 65,600 665 100 M B  
 KG1D 2,627 75 37 M B

**Eastern Massachusetts**

W1CCE 26,719 353 77 S A  
 W1FA 23,177 308 77 S A  
 AD1DX 22,052 312 74 S A  
 KX1G 20,448 305 72 S A  
 KK1X 17,253 249 71 S A  
 AB1J 12,600 200 63 S A  
 WO1N 5,412 126 44 S A  
 N1DM 5,382 119 46 S A  
 W1KQ 3,838 101 38 S A  
 KE1V 23,864 319 76 M A  
 W1MAW 7,040 165 44 M A  
 W1MAT 125,545 1,068 119 M B

**Maine**

KA1C 19,800 305 66 S A  
 K1LOG 6,136 121 52 S A  
 AC1O 82,502 1,017 83 S B  
 WN1OTV 5,508 117 51 S B

W1SLF 49,495 533 95 M A

**New Hampshire**

N1EO 34,030 422 82 S A  
 AE1T 20,982 272 78 S A  
 NJ1H 13,039 223 59 S A  
 WA1Z 6,105 114 55 S A  
 WA1ZYX 5,000 100 50 S A  
 N1IMW 900 46 25 S A  
 K1FWE 225,036 1,810 126 S B  
 AE1P 41,472 581 72 S B  
 WB1EDI 9,135 146 63 M A  
 NE1F 5,472 98 57 M A

**Rhode Island**

W1HY 49,086 500 101 S A  
 NG1G 86,598 863 102 S B  
 K3IU 35,020 418 85 S B  
 W1YRC 20,640 249 86 S B  
 KS1J 42,036 453 93 M A  
 KA1GEU 17,464 252 74 M A  
 KI1G 39,312 436 91 M B  
 NB1U 20 6 4 M B

**Vermont**

K1IB 36,801 433 87 S A  
 W1MPF 22,152 326 71 S A  
 WE1H 101,232 930 111 S B  
 KB1OQH 7,300 155 50 M A

**Western Massachusetts**

W1BYH 59,572 574 106 S A  
 K1PTF 27,975 376 75 S A  
 K6NDV 146,370 1,258 119 S B  
 W1TO 81,312 730 112 S B  
 K5ZD 80,808 785 104 S B  
 W1UJ 13,869 209 67 S B  
 N1UZ 11,529 192 63 S B  
 WB1AEL 10,545 187 57 S B  
 K1SFA 195,822 1,534 129 M B  
 N1MGO 113,905 1,060 109 M B

**2****Eastern New York**

NA2M 25,460 338 76 S A

WA2MCR 13,200 227 60 S A  
 K2PH 6,800 141 50 S A  
 KC2RXS 5,900 105 59 S A  
 N2EIK 51,267 762 69 S B  
 NX2X 41,860 464 91 S B  
 N2SQW 17,712 247 72 S B  
 AB2ZY 6,048 131 48 S B  
 W2LK 910 36 26 S B  
 K2ONP 6,300 130 50 M A  
 WA3AFS 224 16 14 M A  
 NJ1F 16,080 248 67 M B

**New York City-Long Island**

N2FF 47,042 558 86 S A  
 N2YBB 33,282 394 86 S A  
 KC2KY 26,442 344 78 S A  
 N2GA 21,630 312 70 S A  
 WB2OQQ 16,380 243 70 S A  
 KS2G 11,741 207 59 S A  
 K2TV 11,160 195 60 S A  
 K2QMF 9,180 174 54 S A  
 N2MUN 6,084 119 52 S A  
 NK1N 4,032 100 42 S A  
 WB2TPS 3,280 86 41 S A  
 W2HCB 2,109 72 37 S A  
 KC2TZY 4 2 2 S A  
 W2V (KA2D, op)  
 90,678 905 102 S B  
 NP3D/W2 46,110 545 87 S B  
 K2PAL 20,650 364 59 M A  
 N2SO 5,170 111 47 M A

**Northern New Jersey**

K2DSL 63,336 702 91 S A  
 K2YG 35,948 424 86 S A  
 WA2LXE 25,347 360 71 S A  
 N2ZAK 12,998 200 67 S A  
 KR2D 12,338 201 62 S A  
 N2EOC 12,028 199 62 S A  
 ND2K 10,660 169 65 S A  
 N2LK 10,230 188 55 S A  
 KD2MX 10,187 173 61 S A

W2VTV 6,144 133 48 S A  
 KB2FM 5,243 112 49 S A  
 WB2RIS 4,961 122 41 S A  
 K2GLS 2,788 83 34 S A  
 KA2ANF 504 29 18 S A  
 W2DPT 494 31 19 S A  
 W2LE 29,750 352 85 S B  
 N2ED 24,168 325 76 S B  
 KC2KZJ 2,268 63 36 S B  
 NO2T (+ packet)  
 59,076 580 108 M B  
 N2WKS 58,681 588 101 M B

**Northern New York**

K2DB 9,240 144 66 M A

**Southern New Jersey**

N2NF 26,960 341 80 S A  
 N2AET 24,414 317 78 S A  
 KB2NB 22,952 308 76 S A  
 KC2SZ 15,687 253 63 S A  
 W2MF 1,665 47 37 S A  
 K2MK 21,840 281 78 S B  
 WB2JEP 7,448 134 56 S B  
 N1IBM 11,388 158 73 M A  
 N2NGW 13,390 214 65 M B

**Western New York**

N2CU 50,323 559 91 S A  
 W2GHD 39,198 426 94 S A  
 W2RLK 17,420 279 65 S A  
 WB2WPM 10,203 190 57 S A  
 WB2ABD 9,612 185 54 S A  
 WB2SXY 6,795 157 45 S A  
 W2MKW 4,290 112 39 S A  
 N2ZN 4,284 105 42 S A  
 N2CK 3,737 104 37 S A  
 AD2TM 1,764 68 28 S A  
 N2WK 191,643 1,530 127 S B  
 WA2ETU 128,282 1,086 119 S B  
 N8CL 76,032 808 96 S B  
 AA2NA 71,442 731 98 S B



W1TY	61,152	646	98	S	B
K2NV	26,400	339	80	S	B
K2SI	24,190	301	82	M	A
KC2JKU	21,389	305	73	M	A
KF2VX	16,302	258	66	M	A
KC2HZM	3,960	98	44	M	A
WA2TMC	84,637	805	107	M	B

**3****Delaware**

WW3DE	7,068	128	57	S	A
K1RY	3,280	83	40	S	A

**Eastern Pennsylvania**

W0BR	98,304	1,035	96	S	A
WA3IIA	45,700	463	100	S	A
N3CHX	30,030	399	77	S	A
W3KB	27,900	302	93	S	A
KB3CTX	20,769	307	69	S	A
N3NR	16,400	206	80	S	A

WO3P (KB3RTB, op)

	10,640	195	56	S	A
WB9KPT	9,435	194	51	S	A
KN3A	6,780	114	60	S	A
AG3L	6,642	136	54	S	A
W3OFD	4,896	110	48	S	A
N3JNX	1,568	56	28	S	A
K3PH	532	29	19	S	A
W3FV	52,630	555	95	S	B
K3WW	45,214	493	94	S	B
KQ3F	40,572	492	84	S	B
WA3AAN	30,488	418	74	S	B
K3OK	14,322	218	66	S	B
N3INJ	4,080	93	48	S	B
AI3Q	1,612	62	26	S	B

N3XLS (+ N3KAE, KA3QL, KB3TJW, @N3KAE)

	78,652	754	106	M	A
N3QO	22,715	305	77	M	A
N3OW	13,179	205	69	M	A
N3RN	10,738	187	59	M	A
K3GMT	3,640	97	40	M	A
K3MD	106,476	952	114	M	B
W3MF	59,777	530	113	M	B

KD3TB	12,800	204	64	M	B
NY3DX	(K3SV, op)				
	7,755	146	55	M	B

**Maryland-DC**

W3LL	134,931	1,112	123	S	A
WA1LWS	55,195	583	95	S	A
W3DQN	45,657	523	89	S	A
K3WI	34,560	387	90	S	A
W3BUI	28,120	385	74	S	A
N3WZR	19,363	296	67	S	A
AB3FX	12,864	204	64	S	A
AB3IC	10,680	179	60	S	A
N3VOP	7,992	164	54	S	A
K3TN	7,182	134	54	S	A
W3DQT	2,769	71	39	S	A
WA7TOF	2,706	69	41	S	A
NV3V	1,014	40	26	S	A
WA3SEE	224	18	14	S	A
N3XL	24,225	332	75	S	B
K3PG	19,206	299	66	S	B
W3DAD	13,780	213	65	S	B
WW3QB	13,065	202	65	S	B

4U1WB (AJ3M, op)

	6,966	164	43	S	B
W4EE	8,100	166	50	M	A
K3PU	23,244	303	78	M	B
W2GFS	11,844	191	63	M	B

**Western Pennsylvania**

WW3S	59,660	638	95	S	A
N3RDV	14,824	219	68	S	A
KB3OSP	6,200	159	40	S	A
KB3LIX	4,750	96	50	S	A
NO3M	19,680	332	60	S	B
W3AG	1,980	56	36	M	A
K3MJW	92,288	926	103	M	B

**4****Alabama**

KC4HW	130,758	1,201	111	S	A
AA4YL	22,268	296	76	S	A
WB5NMZ	20,286	297	69	S	A

AA4U	11,468	189	61	S	A
N4AU	11,340	181	63	S	A
KF4OPX	11,016	211	54	S	A
KM4JA	7,897	150	53	S	A
KI4EEY	6,804	128	54	S	A
KI4SP	3,990	103	42	S	A
N7RVD	3,948	97	42	S	A
K4WI	2,201	73	31	S	A
KD4N	1,920	65	30	S	A
K8AJX/4	820	42	20	S	A
AA2MA	256	17	16	S	A
AG4W	102,396	976	106	S	B
K4HAL	36,080	453	80	S	B
N4BCB	14,904	216	69	S	B
N4NM	950	40	25	S	B
KJ4UNA	40,419	502	81	M	A
N4KG	64,368	608	108	M	B
KR4F	10,595	165	65	M	B

**Georgia**

AE4Y	26,400	408	66	S	A
K4LW	8,640	161	54	S	A
N8TP	3,534	97	38	S	A
WA2ASQ/4	2,210	67	34	S	A
N4DA	150,738	1,382	111	S	B
AA4LR	12,824	234	56	S	B
ND4V	24,400	307	80	M	A
WW4LL	180,999	1,541	119	M	B
WA4ZXV	16,698	254	69	M	B

**Kentucky**

W4LC	59,492	561	107	S	A
ND4X	50,034	543	93	S	A
N4NTQ	35,435	382	95	S	A
KE4KY	17,922	318	58	S	A
NM4K	16,827	223	79	S	A
W8KHP	14,560	228	65	S	A
KU4A	3,900	101	39	S	A
K4FT	1,053	39	27	S	A
KO4OL	989	45	23	S	A
KU4UV	81	10	9	S	A
KC4WQ	28	7	4	S	A

K4WW	62,055	595	105	S	B	KJ4IZW	12,834	208	62	S	A	AB4GG	139,260	1,280	110	S	B
AB4IQ	50,235	603	85	S	B	WS4C	6,912	147	48	S	A	W4GKM	137,025	1,342	105	S	B
KG4WNA	5,049	102	51	S	B	KM4RK	5,355	107	51	S	A	K4RO	123,120	1,159	108	S	B
KE4YVD	27,472	433	68	M	B	AA1AR	4,356	106	44	S	A	N4ZZ	75,439	838	91	S	B
<b>North Carolina</b>						KI4WAX	1,344	56	24	S	A	W4EEH	52,164	575	92	S	B
WB2RHM	64,056	634	102	S	A	W4UK	48,375	648	75	S	B	W4BCG	45,320	530	88	S	B
WD4PDZ	24,140	290	85	S	A	NJ4F	31,050	349	90	S	B	N4VV	37,600	475	80	S	B
N4YZ	22,620	306	78	S	A	KI4AOQ	19,750	252	79	S	B	K4CX	23,184	336	72	S	B
K7JNX	21,356	284	76	S	A	K0COP	3,195	72	45	M	B	KC4SAW	22,081	315	71	S	B
N4QVM	19,635	255	77	S	A	<b>Southern Florida</b>						W2OO	21,945	295	77	S	B
KS4S	14,750	302	50	S	A	K4KGG	27,440	349	80	S	A	W6UB	20,097	265	77	S	B
K4DJ	11,760	241	49	S	A	K4PG	9,686	179	58	S	A	W9WI	13,464	203	68	S	B
KV4CN	6,480	124	54	S	A	AI4WW	9,455	157	61	S	A	W4GHD	11,600	200	58	S	B
WK4P	6,300	129	50	S	A	N4LF	3,542	80	46	S	A	N4DW	9,150	187	50	S	B
N4YDU	4,532	106	44	S	A	N9RG	3,526	86	43	S	A	KA4OTB	3,861	112	39	S	B
W4TMO	782	35	23	S	A	KE8VK	1,054	39	31	S	A	WC2Z	728	29	26	S	B
AA4NC	76,145	804	97	S	B	N4BP	165,571	1,526	109	S	B	WA4GLH	135	16	9	S	B
W1AJT	60,096	635	96	S	B	K4ADR	56,364	685	84	S	B	NO4Q	46,636	533	89	M	A
K4MA	55,854	527	107	S	B	NJ2F	35,148	409	87	S	B	KJ4EEW	115,995	1,058	111	M	B
K4SV	8,896	140	64	S	B	W4DAS	9,735	179	55	M	A	<b>Virginia</b>					
AE4EC	2,880	94	32	S	B	K8NZ	432	25	18	M	A	N2QT	157,599	1,359	117	S	A
K4XD	6,636	161	42	M	A	K4QD	143,298	1,274	114	M	B	KA4RRU	146,853	1,347	111	S	A
K8YC	1,408	44	32	M	A	<b>Tennessee</b>						K4MIL	44,772	496	91	S	A
N4CW	102,600	913	114	M	B	WO4O	58,308	697	86	S	A	AB4SF	18,104	249	73	S	A
K5EK	26,814	341	82	M	B	N4ZI	56,550	734	78	S	A	W0QQG	14,322	225	66	S	A
AA4VV	18,080	231	80	M	B	AA4NU	53,703	681	81	S	A	K8LF	8,601	143	61	S	A
K3KO	16,268	198	83	M	B	K1GU	42,570	499	86	S	A	K7CS	7,620	131	60	S	A
W3GQ	2,808	54	52	M	B	WF7T	39,528	558	72	S	A	NQ4K	7,098	172	42	S	A
<b>Northern Florida</b>						W4CZ	35,619	399	93	S	A	K4FTO	3,696	90	44	S	A
NU4Y	34,350	466	75	S	A	K4EDI	25,542	395	66	S	A	WS9M/4	3,066	81	42	S	A
WA1PMA	26,970	315	87	S	A	KN4Q	24,420	337	74	S	A	WA4EUL	1,300	56	26	S	A
KE1F	20,592	290	72	S	A	KG4MGE	20,328	269	84	S	A	W4JHU	80	14	8	S	A
N4MUH	4,760	123	40	S	A	W4BK	18,720	321	60	S	A	KT0P	9	3	3	S	A
N0RZT	1,363	54	29	S	A	N2WN	12,638	178	71	S	A	K4GMH	245,754	2,038	123	S	B
N6AR	49,470	593	85	S	B	NA4C	10,492	175	61	S	A	W4PK	145,920	1,228	120	S	B
K9OM	40,740	497	84	S	B	NB4M	9,300	168	60	S	A	AJ3G	103,562	996	106	S	B
N4FY	5,781	144	41	S	B	WD8RYC	4,320	72	60	S	A	W6IHG	45,172	495	92	S	B
<b>South Carolina</b>						AJ4JD	3,901	86	47	S	A	W2YE	37,758	414	93	S	B
KR1ST	33,726	447	77	S	A	N4AAI	3,182	79	43	S	A	W7HJ	29,714	363	83	S	B
						W4DDR	2,412	67	36	S	A	K4EU	16,592	274	61	S	B

K4GM	4,440	114	40	S	B
W4RVN	986	39	29	S	B
N3AO	968	48	22	S	B
N3KN	475	25	19	S	B
WD4LBR	92,597	909	103	M	A
K1KO	35,868	370	98	M	A
KF4QQY	15,939	263	63	M	A
K4FPF	7,504	134	56	M	A
W4DKR	306	26	17	M	A
W4RM (+ W7IY, K4UVA, K4RG, NH7C)	158,848	1,274	128	M	B
W4NF	124,950	1,084	119	M	B
WK4Y	112,112	1,173	98	M	B
WV4Y	100,118	925	113	M	B
W4MYA	95,988	857	114	M	B
NR4M	46,354	486	98	M	B
N4DWK	30,975	420	75	M	B
WS4WW	29,584	366	86	M	B
N3BM	5,356	105	52	M	B

**West Central Florida**

N4IG	80,030	761	106	S	A
W4CQZ	17,728	278	64	S	A
W4TIJ	11,460	191	60	S	A
N1ADY	6,110	134	47	S	A
W4CU	83,246	791	107	S	B
KR4U	41,000	506	82	S	B
N4TB	25,949	343	77	S	B
W4LT	15,600	265	60	S	B
K4LQ	14,775	205	75	S	B

**5****Arkansas**

AE5PW	43,524	568	78	S	A
WB5AAA	30,118	411	74	S	A
KD5J	6,110	131	47	S	A
W5RZ	2,065	59	35	S	A
WA5RHG	1,150	50	25	S	A
W5JE	200	27	8	S	A
W5KI	3,564	82	44	S	B
N5ZM	147,120	1,231	120	M	A

**Louisiana**

AA5AU	198,592	1,732	116	S	A
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W4JHC	500	26	20	S	A
KD5CFB	12	6	6	S	A
N5VU	35,405	497	73	S	B
KN5O	147,340	1,410	106	M	B

**Mississippi**

W5MPC	28,116	400	71	S	A
K7ZYV	2,109	66	37	S	A
NI5F	2,262	78	29	S	B
W5YD	11,016	224	51	M	A

**New Mexico**

K5WMH	21,825	297	75	S	A
KF9LI	6,811	148	49	S	A
WA5ZUP	170,128	1,748	98	S	B
K7IA	108,349	1,129	97	S	B
K5AM	25,696	359	73	S	B
KD5JAA	22,712	338	68	S	B
W0ZW	15,360	241	64	S	B

**North Texas**

AD5XD	65,928	812	82	S	A
AB5C	24,900	334	75	S	A
K5DHY	23,112	325	72	S	A
AD5LU	20,496	340	61	S	A
K5SM	16,478	219	77	S	A
K5WI	7,776	163	48	S	A
WW2PT	4,116	99	42	S	A
W5AP	179,064	1,706	108	S	B
N5QN	11,904	197	62	S	B
NA5U	23,927	354	71	M	A
K5BG	6,912	129	54	M	B

**Oklahoma**

K5TTT	31,280	399	80	S	A
N5UWY	20,664	373	56	S	A
WA9AFM/5	13,552	250	56	S	A
N5XE	13,300	196	70	S	A
N5UM	9,540	180	53	S	A
AE5MM	4,961	124	41	S	A
K5RRD	4,860	114	45	S	A
W1DY	3,680	96	40	S	A
AA5JG	3,520	89	40	S	A

AF5Q	3,105	92	45	S	A
K5CM	86,184	1,034	84	S	B

**South Texas**

N5KWN	80,190	818	99	S	A
AE5GT	54,696	639	86	S	A
NK5G	36,271	443	83	S	A
AJ4F	23,180	312	76	S	A
N5THN	17,820	280	66	S	A
W5VGR	17,228	251	73	S	A
K5PI	13,275	229	59	S	A
K0GEO	12,650	230	55	S	A
KD4FJ	9,515	182	55	S	A
KC3EF	2,960	85	37	S	A
K5STZ	2,170	78	35	S	A
K5JRN	132	14	12	S	A
K5DU	181,048	1,731	106	S	B
K5WAF	48,954	601	82	S	B
NK5Z	29,680	431	70	S	B
AA5VU	26,520	408	68	S	B
W5PF	16,368	268	62	S	B
K5HX	10,506	207	51	S	B
K5GZR	9,280	161	58	S	B
WB5TUF	38,766	502	78	M	A
NR5M	243,144	1,890	132	M	B
K5HDU	21,420	318	70	M	B

**West Texas**

KE5OG	103,323	1,044	101	S	A
W5AJ	90,132	1,042	87	S	B
WA5PFJ	36,501	547	69	S	B
N5RMS	15,145	242	65	M	A

**6****East Bay**

K6VUG	10,846	202	58	S	A
N6MSY	9,430	211	46	S	A
K6BIR	7,520	161	47	S	A
K6DAJ	1,534	62	26	S	A
K6RJP	1,504	59	32	S	A
KI6ZLW	805	36	23	S	A
N6WM	228,573	2,121	109	S	B
W4UAT	61,418	772	82	S	B

W6ONV 47,850 644 75 S B  
 WT6K 36,102 557 66 S B  
 N6BY 14,672 299 56 S B  
 N6AJR 1,798 66 29 S B  
 KE6QR 26,599 406 67 M A

**Los Angeles**

W6FFH 24,064 385 64 S A  
 N6OPR 3,783 108 39 S A  
 K6HGF 103,812 1,272 82 S B  
 W6OQI 27,720 468 60 S B  
 K6OI 11,172 199 57 S B  
 NK6A 5,460 137 42 S B  
 N6QQ 1,725 76 23 M B

**Orange**

KQ6ES 20,191 335 61 S A  
 NT6X 14,976 241 64 S A  
 KF6RY (W6ZL, op)  
 13,000 250 52 S A  
 WA6NOL 54 9 6 S A  
 W6WRT 147,981 1,399 107 S B  
 N6HC 73,710 955 78 S B

**Santa Barbara**

W6TK 7,599 150 51 S A

**Santa Clara Valley**

K6RFM 4,730 112 43 S A  
 K6KQV 2,508 76 33 S A  
 K6RM 1,512 55 28 S A  
 NY6U 713 42 23 S A  
 K2RDX 696 34 24 S A  
 K9YC 98,223 1,140 87 S B  
 K6TD 77,670 870 90 S B  
 K6XX 55,616 637 88 S B  
 K6RB 33,670 521 65 S B  
 N6RC 11,247 169 69 S B  
 W6TQG 8,007 158 51 S B  
 W6AMM (ND2T, op)  
 2,376 68 36 S B  
 ND2T 160,339 1,486 109 M B  
 W6YX 141,934 1,356 106 M B

K6WC 100,980 1,199 85 M B  
 N6XG 92,778 1,007 94 M B  
 W6OAT 89,232 1,027 88 M B  
 K6MM 41,683 583 73 M B  
 K2RD 15,616 254 64 M B  
 N6MW 11,210 196 59 M B  
 K6EU 3,885 106 37 M B  
 W6SC 3,080 90 35 M B

**San Diego**

N6VH 1,885 65 29 S A  
 AF6NI 2,442 77 33 S B  
 AI6O 8,268 165 52 M B

**San Francisco**

N6OJ 83,349 1,054 81 S A  
 K3FIV 7,535 141 55 S A  
 WW6D 6,533 140 47 S A  
 K6UUW 5,580 129 45 S A  
 N6IE 112,955 1,205 95 S B  
 K6SRZ 31,536 456 72 S B

**San Joaquin Valley**

NF6P 27,342 442 63 S A  
 N3RC 23,180 394 61 S A  
 K6MI 19,530 318 62 S A  
 KE6SHL 18,038 320 58 S A  
 W6USN (W7MH, op)  
 10,502 180 59 S A  
 K6LE 8,996 176 52 S A  
 WK6I 223,008 2,219 101 S B  
 KT6YL 72,009 903 81 S B  
 W6SX 59,052 707 84 S B  
 W6LED 55,350 619 90 S B  
 N6EE 55,112 667 83 S B  
 KI6VC 43,381 630 71 S B  
 NA6G 6,302 139 46 M A

**Sacramento Valley**

AF6SA 19,500 320 65 S A  
 WN6W 7,089 139 51 S A  
 N6EF 1,440 50 30 S A  
 NU6C 468 26 18 S A

WB6JJJ 67,682 790 86 S B  
 K9JM 44,460 596 76 S B  
 K6DGW 39,476 561 71 S B  
 NI6P (NI7T, op)  
 26,838 381 71 S B  
 N6DW 14,679 239 63 S B  
 W6EU 14,364 267 54 S B  
 KJ6RA 9,990 186 54 S B  
 N6RK 2,077 67 31 S B  
 WE6Z 73,444 864 86 M B  
 WX6V 54,405 598 93 M B  
 K6NV 12,331 214 59 M B  
 K6JJ 10,914 216 51 M B  
 W6RKC 3,960 100 40 M B

**7****Arizona**

K7ZD 23,460 347 68 S A  
 K7JE 22,040 298 76 S A  
 KE7YF 16,306 272 62 S A  
 NQ7R 15,376 252 62 S A  
 W1ZD/7 12,629 176 73 S A  
 KG9JP 7,540 149 52 S A  
 K7MY 2,432 73 38 S A  
 K6LL 183,168 1,746 106 S B  
 W7WW 148,408 1,450 104 S B  
 W7ZR 136,503 1,579 87 S B  
 K7WP 82,128 959 87 S B  
 KV7DX (KN5H, op)  
 26,588 395 68 S B  
 NI7R 10,266 179 58 S B  
 N7AT (K8IA, op)  
 49,324 656 76 M A  
 N7LR 7,800 161 50 M A  
 NO7T 11,229 200 57 M B

**Eastern Washington**

K7GS 32,802 473 71 S A  
 KW7N 29,808 418 72 S A  
 WA0WWW 20,700 304 69 S A  
 K7EIQ 9,620 187 52 S A  
 KC7ITP 4,250 126 34 S A  
 KI7DG 494 29 19 S A

K7EKM 30,260 451 68 S B  
 WS7I 26,980 395 71 M A  
 WX7P 39,168 563 72 M B

**Idaho**

N7UVH 51,660 649 82 S A  
 N7ESU 33,120 490 69 S A  
 NA7EM 8,344 149 56 S A  
 K7QMM 7,854 174 51 S A  
 K7OVG 2,952 100 36 S A  
 NF7T 2,516 75 37 S A  
 KE7NKF 2,178 74 33 S A  
 N7LB 1,876 68 28 S A  
 K0IP 25,487 339 77 S B  
 KR7LD 40,670 499 83 M B

**Montana**

KB7Q 123,986 1,331 94 S A  
 AD7MQ 11,819 228 53 S A  
 W7DEV (WU7R,op)  
 2,407 83 29 S A  
 K7KAR 34,090 491 70 S B

**Nevada**

WE6EZ 11,178 217 54 S A  
 W6NF 10,800 201 54 S A  
 N7ON 2,112 65 33 S A  
 K7ACZ 1,247 48 29 S A  
 K7LV 16,184 241 68 S B  
 K7XC 11,236 215 53 S B  
 W6SA 3,354 79 43 M B

**Oregon**

K7VIT 25,296 413 62 S A  
 K6UM 24,960 392 64 S A  
 WA7SHP 13,365 250 55 S A  
 AA7IH 9,735 180 55 S A  
 W7AFR 4,636 125 38 S A  
 KE7AUB 4,326 105 42 S A  
 N7DB 4,312 98 44 S A  
 W7JDE 3,663 104 37 S A  
 AD7XZ 1,683 61 33 S A  
 N6PZ 1,674 55 31 S A

KR7X 146,110 1,573 95 S B  
 N7MQ 21,535 301 73 S B  
 KD7MSC 20,220 337 60 S B  
 NK7U (+ K7ZO)

113,500 1,154 100 M B  
 KK7PR 107,800 1,125 98 M B  
 K7RF 22,110 342 66 M B  
 W7WHY 6,950 141 50 M B

**Utah**

WA7YAZ 47,502 623 78 S A  
 WA7LNW 10,000 208 50 S A  
 AC7JW 9,699 185 53 S A  
 KE7XM 6,667 117 59 S A  
 WA7BME 4,712 128 38 S A  
 K7RFW 72 11 8 S A  
 KJ7NO 33,215 459 73 M A  
 W7CT 86,735 1,051 83 M B

**Western Washington**

NN7SS (K6UFO, op)  
 89,356 1,009 89 S A  
 AB7R 85,000 1,023 85 S A  
 W7LD 62,264 741 86 S A  
 W7NNN 18,592 342 56 S A  
 KC7CM 10,282 197 53 S A  
 KX7L 7,536 160 48 S A  
 AD7XV 4,400 106 44 S A  
 WG7X 2,142 69 34 S A  
 K7RR 2,048 66 32 S A  
 KE7JWP 132 12 11 S A  
 W7RY 136,100 1,403 100 S B  
 W7VXS 58,672 782 76 S B  
 N7BV 22,382 368 62 S B  
 K7AMS 13,554 262 54 S B  
 N6KW 8,190 185 45 S B  
 W7PU 8,131 181 47 S B  
 W7ABC 950 39 25 S B  
 K7BTW 137,830 1,263 110 M B  
 KK7OO 136,323 1,394 99 M B  
 K7EG 5,304 107 52 M B

**Wyoming**

WG7Y 32,802 475 71 S A  
 W7MEW 6,888 171 42 S A  
 AD7KI 4,368 122 39 S A  
 WY7FD 148,400 1,498 100 S B  
 KO7X 50,743 664 77 S B

**8****Michigan**

KK8MM 47,802 522 93 S A  
 N8MR 29,766 366 82 S A  
 K8DD 17,353 262 67 S A  
 K8NWD 12,636 237 54 S A  
 WD8H 8,532 159 54 S A  
 KE8UM 4,230 97 45 S A  
 N8KC 2,541 79 33 S A  
 W8JWN 100,430 935 110 S B  
 K8UT 56,810 604 95 S B  
 N8NOE 9,570 168 58 S B  
 N8XI 8,008 145 56 S B  
 K8ESQ 2,376 69 36 S B  
 N8DC 13,050 227 58 M A  
 K8GT 5,304 103 52 M A

**Ohio**

K8AJS 65,586 652 102 S A  
 K8SM 51,244 563 92 S A  
 NX8G 26,772 393 69 S A  
 WB8JUI 20,522 334 62 S A  
 N8GU 19,360 246 80 S A  
 N8DNG 17,664 282 64 S A  
 N2OPW 16,821 270 63 S A  
 W8IDM 13,566 240 57 S A  
 WD9FTZ 12,444 209 61 S A  
 KE8M 11,020 197 58 S A  
 KT8Z 10,560 184 60 S A  
 N8IGZ 6,240 121 52 S A  
 WA8YVF 6,000 128 48 S A  
 K8BL 5,535 127 45 S A  
 K8TJM 4,646 108 46 S A  
 AF8C 3,135 104 33 S A  
 W8WTS 2,808 73 39 S A

KB8UEY	315	21	15	S	A	ND9E	140,672	1,280	112	S	B	K9QH	4,715	119	41	S	A
N8XE	120	12	10	S	A	AI9L	85,020	792	109	S	B	AF9J	2,970	99	33	S	A
AB8K	78,064	668	119	S	B	W9OL	21,033	390	57	S	B	KA9JAC	1,760	56	32	S	A
N8BJQ	65,000	634	104	S	B	W9ZV	13,794	253	57	S	B	W9IHW	840	36	24	S	A
KD8IOW	59,700	603	100	S	B	W9PDS	10,266	179	59	S	B	WE9V	32,103	374	87	S	B
NI8Z	29,925	325	95	S	B	AF9H	2	2	1	S	B	KB9Q	15,730	246	65	S	B
ND8L	25,198	300	86	S	B	K9NR	116,584	1,001	118	M	A	AA9RR	19,760	265	76	M	A
N8AGU	21,120	269	80	S	B	N9LAH	69,978	675	107	M	A	KV9O	3,096	91	36	M	B
N8LRG	68,860	631	110	M	A	N9TF	32,370	417	78	M	A						
W7PP	81,738	732	114	M	B	W9LIZ	3,990	97	42	M	A						
WZ8P	63,752	641	104	M	B	WB9Z	156,366	1,328	119	M	B						
AA8LL	40,386	382	106	M	B	WA9IVH	60,895	654	95	M	B						
AD8P	20,175	278	75	M	B	N2BJ	28,512	406	72	M	B						

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**West Virginia**

W8AKS 43,700 467 95 S A

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**Illinois**

W9ILY 44,625 529 85 S A  
 N9TGR 33,180 409 84 S A  
 KA9MOM 25,418 359 71 S A  
 N9LYE 25,012 340 74 S A  
 K9OR 23,028 304 76 S A  
 K9BJM 21,356 282 76 S A  
 WB9VGO 17,424 271 66 S A  
 N9BT 13,664 246 56 S A  
 KD9MS 12,488 229 56 S A  
 W9KVR 7,810 148 55 S A  
 N9MIW 4,576 111 44 S A  
 KC9IL 3,478 97 37 S A  
 W9VQ 3,256 76 44 S A  
 N5IE 2,775 76 37 S A  
 W9AZ (WR9L, op)  
 2,652 80 34 S A  
 WQ9T 2,418 78 31 S A  
 KG9IL 2,184 58 39 S A  
 AA9NF 1,525 61 25 S A  
 N9KO 1,325 53 25 S A  
 N9AKR 1,274 52 26 S A  
 W9TTY 1,242 57 23 S A  
 NV9X 483 24 21 S A  
 AI9T 170,355 1,402 123 S B

**Indiana**

K9WX 60,880 771 80 S A  
 KE9I 37,149 435 87 S A  
 N7GVV 35,344 386 94 S A  
 N9DD 10,890 199 55 S A  
 W9THD 9,350 176 55 S A  
 K9MV 8,892 173 52 S A  
 N9MR 5,661 114 51 S A  
 AE9K 5,500 125 44 S A  
 W9IP 5,265 138 39 S A  
 N9LF 4,872 118 42 S A  
 WB9MDS 3,256 92 37 S A  
 KC9IRQ 989 43 23 S A  
 W9IU 102,292 978 107 S B  
 N9WKW 19,418 269 73 S B  
 N9WVM 12,400 206 62 S B

**Wisconsin**

N9CK 173,635 1,444 121 S A  
 NS9I 55,930 667 85 S A  
 KB9S 32,880 412 80 S A  
 KX9M 21,420 328 68 S A  
 KB9OWD 10,692 199 54 S A  
 WR9Y 9,116 173 53 S A  
 N9UY 6,987 142 51 S A  
 W9OA/9 6,750 130 54 S A  
 KB9AMG 6,480 144 45 S A  
 W9AKS 6,110 140 47 S A

**Colorado**

K0YQ 36,900 496 75 S A  
 K0FX 34,656 369 96 S A  
 N0RU 15,470 222 70 S A  
 N0EOP 10,241 216 49 S A  
 AG0A 3,960 105 40 S A  
 N0IBT 3,927 120 33 S A  
 W0PSS 3,325 98 35 S A  
 K6XT 2,380 70 34 S A  
 N0HF 936 39 24 S A  
 N0KM 798 38 21 S A  
 K0ANS 779 41 19 S A  
 K0MIS 264 23 12 S A  
 N0TK 70 10 7 S A  
 KT0DX 116,081 1,131 103 S B  
 K8FC 110,792 1,280 88 S B  
 N0KE 72,128 808 92 S B  
 N0LEF 5,236 119 44 S B  
 KF0UR 63,750 765 85 M A  
 W0SM 28,098 452 63 M A  
 N0HIO 8,586 162 54 M A  
 WT9Q 90,440 1,076 85 M B

**Iowa**

NT0F 67,344 741 92 S A  
 WY0V 29,667 328 93 S A  
 K0WHV 14,950 237 65 S A  
 K0FBV 782 41 23 S A  
 N0XR 25,408 400 64 S B  
 K0SRL 2,904 88 33 S B  
 KB0L 1,881 60 33 S B  
 N0NI 210,500 1,707 125 M A

**Kansas**

K0BJ	64,135	648	101	S	A
N0LLH	15,635	269	59	S	A
K0UAS	14,144	278	52	S	A
KC0GLA	13,338	242	57	S	A
AB0S	9,702	202	49	S	A
WV0T	9,024	195	48	S	A
KA0EIC	7,497	157	49	S	A
AC0C	83,224	845	101	S	B
K0WA	34,086	502	69	S	B
K0FJ	28,582	473	62	S	B
KC0VTJ	19,703	332	61	S	B
AC0E	16,929	299	57	M	A
KS0AA	39,974	529	79	M	B
W0BH	23,736	347	69	M	B
K0KU (N0RC, op)					
	17,622	267	66	M	B

**Minnesota**

K0AD	101,952	1,081	96	S	A
N0KK	79,625	890	91	S	A
K0TI	79,135	943	85	S	A
K0TG	40,650	545	75	S	A
K0MPH	36,108	546	68	S	A
N0KBD	33,654	480	71	S	A
N0HJZ	30,030	436	70	S	A
WA0LJM	19,152	308	63	S	A
NR0L	15,562	252	62	S	A
NR0T	11,172	202	57	S	A
KJ0P	10,773	194	57	S	A
W0RU	4,520	117	40	S	A
N0UJJ	4,440	117	40	S	A
N0UR	3,496	100	38	S	A
K0VH	3,264	99	34	S	A
AC0W	2,870	82	35	S	A
KB0R	2,079	70	33	S	A
N1WQ	1,760	55	32	S	A
KC0NFB	1,375	56	25	S	A
K0IR	196,000	1,587	125	S	B
K0PK	108,756	1,018	108	S	B
W0HT	102,276	967	108	S	B

WA0MHJ	91,952	832	112	S	B
W0ZQ	78,498	895	89	S	B
K0PC	65,592	924	72	S	B
K0JJR	62,128	713	88	S	B
NE0U	50,176	520	98	S	B
W0ELT	50,138	590	86	S	B
K0YR	49,815	624	81	S	B
KI0F	41,085	504	83	S	B
WB0N	40,960	514	80	S	B
N0OK	38,541	448	87	S	B
KC0RET	29,039	416	71	S	B
AA0AW	25,050	338	75	S	B
K4IU	22,494	334	69	S	B
K0VG	13,680	241	57	S	B
K0ADX	8,496	179	48	S	B
W0LM	4,429	104	43	S	B
WG0M	15,162	273	57	M	A
KE0L	48,080	604	80	M	B
W0BM	43,466	429	103	M	B
N0BK	29,841	344	87	M	B

**Missouri**

W0PC	19,800	334	60	S	A
K0QH	18,090	285	67	S	A
KS0M	16,354	225	74	S	A
NX0I	14,040	248	60	S	A
N0KMA	4,950	111	45	S	A
KA0FSP	3,237	92	39	S	A
KF0IQ	1,050	42	25	S	A
AB0RX	170,610	1,426	121	S	B
W4RK	26,112	411	64	S	B
W0TY	24,710	357	70	S	B
N0SO	154	15	11	S	B
K00Z	34,720	454	80	M	A
K0BX	31,680	355	90	M	A

**North Dakota**

W0TUP	19,072	302	64	S	A
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**Nebraska**

K0IDT	37,440	473	80	S	A
WN0L	11,392	179	64	S	A

NF0N	5,460	106	52	S	A
WB0YYE	3,404	97	37	S	A
WB0M	575	27	23	S	A

**South Dakota**

K7RE	78,300	883	90	S	A
WB0ULX	12,078	199	61	S	A
K0PIR	4,040	105	40	S	A
WA0PNB	99	11	9	S	A
W0SD	204,740	1,788	116	M	B
KD0S	130,581	1,333	99	M	B

**Canada****Alberta**

VE6SH	25,728	408	64	S	A
VE6DJT	10,036	196	52	S	A
VA6MM	7,614	145	54	S	B
VE6AO	111,964	1,247	92	M	B

**British Columbia**

VA7ST	63,920	804	80	S	A
VA7AM	39,204	605	66	S	A
VE7BSM	29,330	433	70	S	A
VE7AX	13,764	225	62	S	A
VA7ALK	7,700	157	50	S	A
VA7CPC	7,680	160	48	S	A
VA7HZ	4,278	96	46	S	A
VE7FCO	3,956	97	43	S	A
VE7MID	2,508	72	38	S	A
VE7BGP	1,428	52	28	S	A
VA7RN	58,800	746	80	S	B
VE7CF	48,125	632	77	S	B
VE7HBS	11,856	232	52	S	B
VA7RY	51,294	623	83	M	A
VE7OGO	28,025	490	59	M	A
VE7IO	25,311	437	59	M	A

**Maritime**

VY2LI	10,553	178	61	S	A
VE1ZD	8,468	162	58	S	A
VE1BZI	1,820	72	28	S	A
VY2SS	98,455	1,032	97	S	B
VE9MY	18,954	239	81	S	B
VE9HF	3,807	143	27	M	A

**Manitoba**

VE4EAR 80,654 826 98 S A

**Newfoundland/Labrador**

VO1TTY 2,240 64 35 S B

**Northern Territories**

N6QEK/VY1 23,180 393 61 S A

**Ontario**

VE3DZ 64,300 645 100 S A

VE3KI 45,308 486 94 S A

VE3FH 44,280 496 90 S A

VE3HG 35,757 420 87 S A

VA3HJ 29,953 395 77 S A

VA3GGF 24,882 326 78 S A

VE3MGY 24,256 391 64 S A

VA3WPV 21,300 306 71 S A

VE3JI 18,957 275 71 S A

VE3GSI 14,560 285 52 S A

VA3DF 12,932 246 53 S A

VE3AJ 11,457 206 57 S A

VE3RCN 10,143 166 63 S A

VE3MIA 10,126 170 61 S A

VE3MCF 9,180 175 54 S A

VE3FWF 8,904 171 53 S A

VE3LR 3,686 98 38 S A

VE3FJ 1,943 68 29 S A

VE3GLA 98,654 931 107 S B

VE3KF 79,920 759 108 S B

VA3PC 32,900 353 94 S B

VE3WBR 6,390 170 45 S B

VA3TTU 1,305 45 29 S B

VE3XAT 46,137 515 91 M A

VA3DX 114,204 932 124 M B

VE3EJ 945 45 21 M B

**Quebec**

VA2UP 132,354 1,178 114 S A

VE2AXO 33,088 383 88 S A

VE2FK 14,552 218 68 S A

VE2QV 1,200 49 25 S A

VE2OWL 520 27 20 S A

VE2SB 112,840 1,112 104 S B

VE2DWA 23,712 320 76 S B

VE2FXL 4,444 103 44 S B

**Saskatchewan**

VE5SF 32,422 568 58 S A

VA5LF 27,230 392 70 S A

VE5ZX 26,845 429 65 S A

VE5MX 70,748 775 92 M B