

## 2010 ARRL International DX Contest (Phone) Scores

Scores are listed by DXCC Countries and ARRL/RAC Sections. Within each Country or Section, scores are listed in descending order, by power categories, followed by multioperator. Line scores list call sign, score, QSOs, multipliers, power (A = QRP, B = Low Power, C = High Power, D = Multioperator), and band.

<b>W/VE</b>		K1VU	32,670	126	90	B
<b>Single Operator</b>		W1GXZ	29,925	137	75	B
<b>United States</b>		AB1LG	22,770	120	66	B
<b>1</b>		AA1O	20,196	104	68	B
<b>Connecticut</b>		N1NN	9,990	76	45	B
N1TM	217,005	396	185	A		
W1JQ	370,866	550	226	B		
W2JU	349,596	501	234	B		
W3SM	193,635	336	195	B		
K1MVM	35,490	134	91	B		
K1LEE	34,848	139	88	B		
W1ORS	29,898	156	66	B		
N1JW	24,648	108	79	B		
W1DMM	7,200	54	48	B		
W1QH	4,329	41	37	B		
K1RM	412,650	789	175	C		
AK1N	187,992	378	168	C		
NN1N	174,750	467	125	C		
W1RPG	112,500	252	150	C		
WA1OUI	37,146	153	82	C		
WB1GCM	35,112	133	88	C		
KA1RWY	35,028	139	84	C		
AB1BW	14,382	98	51	C		
N1ZN	7,965	60	45	C		
N1SXL	5,700	52	38	C		
K1VW	2,496	33	26	C		
W3EP	3,942	76	18	10		
K1BV	34,992	216	54	C	15	
W1AVK	71,064	293	84	20		
W1SQ	4,230	53	30	20		
KM1R	26,724	138	68	80		
VE3EDY	1,134	21	18	160		
<b>Eastern Massachusetts</b>		K1HT	153,504	328	156	B
WA1DRQ	89,211	228	131	B		
W1FA	71,280	199	120	B		
KB1FRK	37,800	157	84	B		
		N1DD	772,452	1,006	258	C
		KB1EFS	534,870	634	283	C
		KG1E	395,622	710	186	C
		W1EBI	298,776	477	211	C
		AD1DX	195,915	366	185	C
		W1FJ	164,160	365	152	C
		W1FM	116,334	291	138	C
		K1LU	66,024	268	84	C
		N1SV	151,923	576	89	15
		N1DC	23,652	151	54	15
		N1WRK	14,310	108	45	15
		W1YM	7,800	66	40	40
		AA1BU	150,552	614	82	80
		<b>Maine</b>				
		KA1C	47,709	173	93	B
		AB1KI	17,088	94	64	B
		KB1NRI	11,256	73	56	B
		W5KF	6,840	57	40	B
		K8PO	2,716,848	2,682	342	C
		AI1O	18,525	97	65	C
		N1AIA	126	8	6	10
		AB1FY	7,035	68	35	40
		AC1O	4,620	48	35	80
		<b>New Hampshire</b>				
		NJ1H	216,030	382	190	B
		NE1H	177,288	338	178	B
		KB1MCK	64,260	205	105	B
		WA1ZYX	49,896	169	99	B
		K1TR	15,105	96	53	B

W1OHM	10,350	81	46	B
K1RX	2,167,344	2,101	348	C
K1FWE	880,308	1,197	247	C
AA1QD	1,482	38	13	15
KK1KW	205,200	725	95	20
W1GOU	6,960	61	40	20
KG1V	5,643	57	33	20
K1ZR	15,369	111	47	40

**Rhode Island**

K1VSJ	289,044	523	186	B
W1WBB	111,444	253	148	B
KA1GEU	56,547	186	103	B
K1SD	10,800	77	50	B
K1NPT	5,661	53	37	B
K1MO	154,908	332	156	C
W1YRC	117,594	284	139	C
W1XX	12,690	96	45	C
W1JMZ	1,656	26	23	C

**Vermont**

N1UR	1,717,380	1,656	348	B
KB1NHV	50,184	165	102	B
W1KMH	675	15	15	B
N1BCL	235,620	423	187	C

**Western Massachusetts**

N1PGA	180,675	370	165	B
W1MSW	855	21	15	B
W1SRB	702	19	13	B
NC1I (K9PW, op)	2,621,949	2,585	341	C
K5ZD	1,445,970	1,574	307	C
KX1X	272,025	468	195	C
KO1G	140,598	324	146	C
AD1L	7,665	73	35	C

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

WA2JQK	387,504	497	276	B
WA2MCR	143,052	272	182	B
W2LP	100,776	225	152	B
K2QY	96,525	246	143	B
N2MTG	77,592	216	122	B

K2JMY	70,644	224	116	B
WY1H	13,398	81	58	B
KF2FK	5,640	49	40	B
K2XA	1,003,950	1,160	291	C
KM2O	596,754	784	257	C
WB2SIH	189,720	340	186	C
K3QDV	99,918	284	122	C
KC2HZW	2,484	37	23	C
KA2ASU	5,445	59	33	15
W2JCN	900	25	12	B 15
KC2NTV	13,260	91	52	20
KG2AF	1,452	25	22	20
AA2DS	12,549	91	47	80

**New York City-Long Island**

K2GV	242,928	346	241	B
WB2ATZ	205,296	366	188	B
N2YBB	140,868	276	172	B
N2FF	88,620	213	140	B
KC2OBN	73,326	207	121	B
WA2NLL	69,849	200	117	B
KB8O	51,168	167	104	B
K2TV	10,428	82	44	B
WB2ZEX	7,038	61	46	B
N2KA	6,300	50	42	B
KG2V	6,063	48	43	B
KC2JRQ	1,764	29	21	B
WA2HMM	154,878	314	166	C
W2OSR	90,558	238	129	C
K2NYG	85,281	220	131	C
K2BBQ	67,743	194	117	C
WB2AMU	72	6	4	B 10
K2DO	8,505	84	35	15
W3EH	1,056	22	16	15
K2MFY	110,400	405	92	20
WA2ZSK	19,800	113	60	20
KC2MBN	5,280	51	40	20
KD2MU	324	12	9	20

**Northern New Jersey**

W2JEK	2,028	27	26	A
AE2JL	68,997	211	109	B

WA2CLP	35,340	129	95	B	KC2USA	25,515	108	81	B
K2ZC	32,472	124	88	B	K2FEO	9,792	67	51	B
W2PI	16,770	89	65	B	KV2X	3,675	38	35	B
K2GLS	9,072	64	48	B	WB2AIO	2,025	27	25	B
N2NHN	6,240	52	40	B	KA2LIM	422,472	618	232	C
W2VU	4,050	50	27	B	W2LU	226,728	391	201	C
N2VM	2,970	35	30	B	KW2J	160,380	324	165	C
N2RJ	1,126,488	1,504	251	C	K2NV	121,572	307	132	C
KC2QJB	63,654	210	103	C	W2FUI	60,060	220	91	C
K2FJ	54,288	161	116	C	K2CAN	7,455	72	35	C
K2ZB	42,408	163	93	C	AA2NA	2,604	32	28	C
WG2Y	35,076	167	79	C	KC2TFI	867	20	17	C
K4BNC	19,866	91	77	C	WA2AOG	672	28	8	C 10
KC2KZJ	15,912	79	68	C	WB7OCV	6,642	54	41	A 40
W2LHL	15,732	114	46	15	W2RR (WA2AOG, op)				
WR2G	190,404	744	86	20		18,270	105	58	C 80
K2HVE	126	7	6	20	W2VO	4,257	43	33	160
KU2M	114,075	510	75	80					

**3****Northern New York**

K2XC	63,546	184	119	B
KC2MDQ	25,029	104	81	C

**Southern New Jersey**

KV2M	167,727	349	163	B
K1TN	144,720	273	180	B
KC2OGR	39,312	147	91	B
N4NYY	28,980	118	84	B
WA2IAU	741	19	13	B
N2NF	52,500	177	100	C
K2BQW	15,228	110	47	15
W2MF	25,578	147	58	160

**Western New York**

WD8CQB	274,788	456	204	B
AB2TC	95,040	294	110	B
WA2YSJ	70,560	196	120	B
N2NOM	66,234	166	133	B
W2BSN	61,710	186	121	B
K2SI	49,755	159	107	B
N2ZN	41,904	147	97	B
WB2SXY	26,418	121	74	B

**Delaware**

KB3OJM	144,960	312	160	B
N8NA	44,550	166	90	B
AA1K	3,038,208	2,772	368	C
WA2VQV	5,883	53	37	20

**Eastern Pennsylvania**

NY3B	170,478	383	154	B
K2MS	150,249	321	157	B
K3NK	136,800	290	160	B
KD3HN	40,656	155	88	B
KB3EXB	27,132	120	76	B
K3GMT	25,179	112	77	B
KB3SIK	23,229	92	87	B
N3CHX	19,584	105	64	B
W3LWH	18,396	87	73	B
N3CR	17,019	93	61	B
W3LD	11,856	76	52	B
N3JNX	6,150	55	41	B
WA3ERQ	4,929	53	31	B
W3BGN	2,852,922	2,644	362	C
W3PA	485,250	654	250	C
WB3FIZ	343,200	572	220	C
N3RJ	303,585	563	185	C

K3FT	249,795	437	195	C	N3HBX	235,710	877	90	15
K4JLD	210,816	393	183	C	KF3BN	429	13	11	20
W3FVT	124,410	300	143	C	KB3CPV	27	3	3	20
K3MRG	86,304	235	124	C					
WM3L	85,050	243	126	C					
N3RW	78,234	222	118	C					
W3ZV	76,500	206	125	C					
W3TS	7,965	61	45	C					
N3YW	7,308	59	42	C					
KB3P	4,929	54	31	C					
K3TUF	3,780	36	35	C					
W3CEI	9,360	78	40	B 15					
KB3LTT	4,860	55	30	15					
KB3GJT	192	8	8	20					
W2TN	8,037	59	47	80					

**Maryland-DC**

K3TW	51,975	165	105	A
N3ALN	198,195	375	181	B
KB3OK	169,650	330	174	B
N3ZBK	119,574	283	146	B
W3DQN	75,258	233	111	B
K3DCW	38,475	137	95	B
K3YH	33,180	144	79	B
N3VOP	19,176	96	68	B
KB3KXX	9,045	69	45	B
N3KUN	5,160	44	40	B
KB3LNM	714	17	14	B
K3ZO	1,980,072	2,146	309	C
W6AAN	899,973	1,095	277	C
N1WR	791,700	919	290	C
K3TC	789,912	968	276	C
N3UM	592,779	787	253	C
W3EKT	284,256	444	224	C
K3YDX	122,310	273	151	C
NN3RP	78,408	274	99	C
W2BZR	72,000	207	120	C
W3TMS	66,744	217	103	C
WA3G	21,120	113	64	C
4U1WB (AJ3M, op)				
	2,808	38	26	C

**Western Pennsylvania**

KB3LIX	233,604	415	189	B
K3VED	26,460	129	70	B
ND3R	16,380	92	60	B
N0MSB	14,616	89	56	B
WA3EQJ	6,300	50	42	B
K3FS	5,208	58	31	B
K3CR (LZ4AX, op)				
	3,344,841	2,890	387	C
K3RMB	50,232	186	92	C
W3OD	7,104	64	37	15
NA3F	1,311	23	19	15
KM3J	5,439	50	37	80
W3GH	11,475	87	45	160

**4****Alabama**

W4NBS	215,874	406	179	B
KG4TEI	97,464	254	131	B
W4TKI	60,681	187	113	B
KM4JA	11,139	81	47	B
KS4L	5,805	45	45	B
K4AB	866,052	985	297	C
W4AUB	155,034	329	162	C
WX4MM	111,069	294	129	C
N4JDB	64,296	193	114	C
KG4CUY	12,402	80	53	C
K4WI	4,224	88	16	10
KV4T	157,872	575	92	15
W6SAI (K4CWW, op)				
	29,808	147	69	15
W4UAL (K4CWW, op)				
	58,149	220	91	20
NA4W (K4WI, op)				
	1,725	27	23	160

**Georgia**

KT4ZB	588,612	726	271	B
WB4JFS	303,606	505	202	B

K4UB	117,747	268	147	B
K4OD	106,704	266	144	B
W4LOS	79,722	207	129	B
NY4D	36,378	130	94	B
KJ4EX	35,100	151	78	B
AI4UN	26,574	111	86	B
AA4LR	23,436	131	62	B
KC4JD	10,098	66	51	B
W9KTB	7,224	56	43	B
AK4IK	7,020	52	45	B
KE4RQ	4,935	49	35	B
NB4F	4,305	41	35	B
KC2NYU	2,604	33	28	B
N4NX	710,010	815	294	C
KU8E	632,835	747	287	C
K4BAI	612,255	836	245	C
K4JPC	173,880	342	184	C
W4QK	163,437	349	157	C
K4KR	130,425	239	185	C
K5FSE	108,486	254	147	C
K4JTT	69,936	193	124	C
KD4QMY	18,228	103	62	C
K4EAK	8,316	67	42	C
K4ODL	1,584	25	22	C
KC4TVZ	1,980	45	15	10
N4HH	1,173	24	17	15
K4DSG	75	6	5	15
N4PN	447,552	1,340	112	20
K1YQ	41,961	201	71	20
W4YKF	1,620	32	18	20
WA4TII	17,655	109	55	80

**Kentucky**

WS4E	3,570	37	34	B
K4SPO	1,140	22	19	B
WD4KTF	1,026	21	18	B
KZ4N	765	17	15	B
K4IE	357,357	550	221	C
AJ4A	280,071	462	207	C
AG4CZ	8,880	75	40	15
N4KZ	4,743	51	31	15

**North Carolina**

N5FPW	54,108	168	108	A
K4XD	23,310	108	74	A
KK4RV	132,960	288	160	B
AJ4CU	126,360	273	156	B
W6DVS	112,014	256	147	B
AK4NC	56,448	178	112	B
AI4GR	53,820	160	115	B
K4KAY	18,270	90	70	B
K0RRP	17,355	96	65	B
W4FRA	13,167	78	57	B
WA4NOT	3,696	44	28	B
WB1CZX	60	5	4	B
KZ2I	871,995	960	305	C
K4FX	531,360	751	240	C
K4HA	258,852	409	212	C
WW4CP	201,240	414	172	C
N8MPX	183,654	347	179	C
K8YC	166,725	287	195	C
KF4ZS	95,106	266	121	C
N4LV	53,550	178	102	C
N3KKM	48,984	161	104	C
NC4MI	46,041	154	103	C
K4CEB	45,684	169	94	C
KU4V	41,097	133	103	C
AE4EC	38,916	150	92	C
WB2VSJ	36,105	149	83	C
NV4A	35,910	127	95	C
KY4P	32,376	144	76	C
N4TL	27,702	117	81	C
N3CZ	16,728	84	68	C
K4SKB	10,716	81	47	C
NX9T	21,672	168	43	15
WA4GQG	1,638	26	21	15
K4QVK	19,980	90	74	B 20
K4KZZ	58,500	257	78	40
W1AJT	42,180	192	74	40

**Northern Florida**

AC2N	40,500	153	90	B
K4GOP	22,896	114	72	B

N4MUH	22,896	107	72	B
AB4G	19,305	103	65	B
N4EK	15,264	98	53	B
W4GMH	11,076	77	52	B
KC4MYV	3,240	38	30	B
KT4Q	1,095,540	1,185	310	C
N6AR	318,120	492	220	C
NE8J	92,625	260	125	C
N4LZ	31,284	132	79	C
K4UTE	55,944	226	84	15
N0RZT	6,603	72	31	15
KV1P	1,566	32	18	15
W5JBV	561	17	11	A 80
KK4SI	495	15	11	160

**South Carolina**

N4XL	594,282	822	247	B
KE4OHB	143,481	283	169	B
KB4ZMR	16,632	86	66	B
KM4RK	15,120	81	63	B
WA2EMF	6,156	57	36	B
AA1AR	4,104	39	36	B
K4GRE	147	7	7	B
NJ4F	19,392	102	64	C
W4QNW	35,145	169	71	80

**Southern Florida**

AK4DM	153,768	301	172	B
N4LF	36,195	134	95	B
K4LRP	35,112	155	77	B
WA4EMU	32,562	137	81	B
W4AMS	26,880	112	80	B
KR4ZA	16,536	107	53	B
KA4UDX	3,534	40	31	B
AC4MO	3,162	34	31	B
AJ4WC	363	12	11	B
W0VOM	192	8	8	B
N8PR	623,295	736	285	C
NJ2F	448,560	625	240	C
WB2REM	246,654	396	213	C
K4MF	137,475	329	141	C
K4ADR	117,588	246	164	C

W4AS	102,678	220	157	C
AI4WW	70,596	224	106	C
KK9O	57,120	172	112	C
AI4CJ	15,189	93	61	C
WA2BKN	1,827	29	21	C
W4SVO	245,670	878	95	15
N4FCG (N4BP, op)				
	76,230	364	70	15
K4TVO	6,720	64	35	15
N4BG	3,375	45	25	15
K4XZ	2,268	28	28	15
N4BP (GW4JUN, op)				
	109,020	399	92	20
NT4TS	24,840	141	60	20
K1EY	27,966	158	59	C 40
N4QV	46,224	215	72	80

**Tennessee**

NA4K	439,230	609	242	B
KS4X	221,112	447	166	B
KJ4KVC	148,986	267	186	B
N2WN	141,912	297	162	B
K4SWE	59,130	149	135	B
W4NI	49,938	211	82	B
NT2F	41,325	150	95	B
WD8RYC	39,330	115	115	B
KJ4BIX	36,660	132	94	B
W4EEH	19,470	110	59	B
AI4DB	19,176	99	68	B
N4VAN	15,120	73	72	B
KF7CG	10,974	64	62	B
AK4DW	7,956	52	52	B
K4CWA	5,247	56	33	B
N4LKE	2,106	29	26	B
W4BK	1,638	27	21	B
N4DTF	1,380	24	20	B
KJ4FTM	1,026	19	19	B
W4KW	412,848	581	244	C
AB4GG	246,186	424	194	C
W9WI	235,620	425	187	C
K3JWI	88,500	243	125	C

K4CX	72,468	199	122	C
KO4Y	43,488	151	96	C
W2OO	16,038	100	54	C
KA4OTB	15,510	97	55	C
AI4QU	9,381	62	53	C
W4BCG	192	9	8	C
KD4W	1,512	42	12	10
W0SZP	270	10	9	15
K4BP	24,624	156	54	20
K4EDI	816	17	16	80

**Virginia**

W4IM	17,808	108	56	A
W4YE	206,847	426	163	B
K4CJB	127,143	281	153	B
KI3O	121,137	278	149	B
KA4GFY	99,441	267	127	B
KI4IRH	88,695	223	135	B
AA4KD	65,160	181	120	B
N3TG	59,274	178	111	B
K1SO	48,654	158	106	B
K4FTO	43,026	147	101	B
K4WY	42,336	154	96	B
W4PFM	34,839	150	79	B
K4HQK	30,627	124	83	B
K4FJW	30,336	130	79	B
AF4MO	25,506	113	78	B
N4CY	25,086	116	74	B
K3MZ	24,966	116	73	B
N1QEQ	17,085	85	67	B
N4CWP	16,254	96	63	B
W4JHU	9,504	66	48	B
KI4TXP	1,323	23	21	B
KD6AKC	1,140	20	19	B
K3MAF	150	11	5	B
KA8Q	232,368	414	188	C
W2YE	167,280	344	164	C
N4DJ	139,446	259	183	C
WA4MAE	39,780	167	85	C
K4FW	24,948	110	77	C
N4MM	22,440	136	55	C

K4WLE	5,382	47	39	C
WF1L	72	7	4	10
NQ4K	4,185	46	31	15
W4OTN	3,888	50	27	15
K4MDX	121,380	476	85	20
N3BM	25,536	154	56	20
W4ZYT	14,841	98	51	20
KF4PQL	1,500	25	20	20
W4RVN	1,449	23	21	20
KE4HUD	243	9	9	20
WO4S	10,998	81	47	40
KZ1A	7,590	56	46	40
AC8Y	6,954	62	38	40
K7CS	105	7	5	40

**West Central Florida**

N4ESS	5,130	45	38	A
N4IG	333,684	604	186	B
N9CM	288,864	472	204	B
NG4L	65,190	210	106	B
K1KNQ	47,748	175	92	B
K2EUH	9,450	63	50	B
K8RGM	3,000	45	25	B
K1TO	2,686,602	2,573	349	C
K5RQ	943,572	1,324	239	C
KB4CP	49,140	163	105	C
K4WIN	17,544	90	68	C
W3TB	26,550	151	59	15

**5****Arkansas**

KE5SOF	52,671	182	97	B
KD5J	24,522	122	67	B
N7FF	91,800	229	136	C
W5MK	6,615	66	35	40

**Louisiana**

AA5SH	98,748	214	156	B
WA5TRX	44,619	144	107	B
AD5XM	2,208	33	23	B
W4JHC	108	7	6	B
W5WMU	1,036,431	978	361	C
N5VU	62,328	209	106	C

W5WZ	13,230	107	42	C	
KE5SNJ	1,518	46	11	B	10
AC5O	85,449	319	91		15
W5HD	98,256	365	92		20

**Mississippi**

KF5CST	90,450	214	150	B	
AB6Z	27,018	129	79	B	
N5PU	5,724	54	36	B	
W5MPC	1,656	25	23	B	
AG5Z	256,122	478	186	C	
WA5OYU	43,245	160	93	C	
W8FR	30,150	152	67		40

**New Mexico**

W5CF	26,676	121	76	B	
N5RKD	4,488	44	34	B	
WS5K	3,198	43	26	B	
KD5JAA	34,686	141	82	C	
KE1R	21,909	114	67	C	
K7IA	16,530	101	58	C	
WA5ZUP	40,755	210	65		15
K8OZ	14,859	127	39		15
NV5M	60	5	4		15
WD5COV	20,274	109	62		80

**North Texas**

KZ5A	199,080	409	168	B	
W5RYA	144,096	311	158	B	
WA8ZBT	31,950	145	75	B	
WA5RML	12,312	77	54	B	
K5DHY	2,916	37	27	B	
K7RB	1,152	25	16	B	
N5LTM	900	20	15	B	
AD5XD	425,847	598	241	C	
AB5C	160,866	338	162	C	
K5BG	109,134	258	141	C	
AE5P	53,856	192	96	C	
AK5DX	51,339	168	109	C	
WA5ICA	4,500	50	30		15
N0RQ	390	13	10		80
K5RX	13,728	88	52		160

**Oklahoma**

W5GFI	225,639	429	183	B	
KD5DLL	32,292	140	78	B	
AE5MM	28,194	131	74	B	
K5LAD	294,030	502	198	C	
KX5RW	30,537	121	87	C	
AF5Q	147	7	7		15
K5YM	40,110	195	70		20
AA5JG	504	14	12		80

**South Texas**

N5AW	883,479	941	317	B	
KE5LQ	153,000	301	170	B	
KD5TIO	102,672	288	124	B	
WA5IYX	76,944	231	112	B	
W5ESE	58,743	185	107	B	
KD4FJ	51,042	185	94	B	
K5AEM	35,643	109	109	B	
N5THN	22,248	112	72	B	
AB5XZ	17,955	106	57	B	
WA5ZKO	16,638	120	47	B	
K5STZ	12,900	90	50	B	
KD5MMM	3,936	43	32	B	
AE5LQ	1,275	25	17	B	
WA5AU	858	26	13	B	
WA5DSS	75	5	5	B	
K5EWJ	225,990	420	186	C	
KZ5J	157,824	386	137	C	
N5SV	104,856	271	136	C	
ND5T	72,912	206	124	C	
N5VYS	1,794	27	26	C	
W5PR	16,380	183	30		10
W5KFT (NA5TR, op)					
	185,625	632	99		15
K3TD	14,241	105	47		15
N5KF	6,633	67	33		15

**West Texas**

N5DO	186,000	404	155	A	
KA5PVB	26,718	122	73	A	
WA5VSK	199,056	384	176	B	



N5SM	5,088	55	32	B	AC6DX	83,190	240	118	C
W5RAW	2,340	34	26	B	KB6A	9,282	92	34	C
WA5PFJ	10,560	77	55	C					
KJ5NU	1,740	29	20	C					
NZ5M	2,622	38	23	B 15	<b>Pacific</b>				
					KI6DRN	14,688	106	51	B

**6****East Bay**

N6ORB	30,972	184	58	B
KD6WKY	19,392	103	64	B
WB6BET	11,349	99	39	B
NS6T	2,520	36	24	B
KE6IUE	270	15	6	B
K6JAT	175,311	401	151	C
K6RJP	40,587	172	83	C
N6AJR	18,849	110	61	C
W6ONV	11,502	71	54	C
NO6X	7,560	63	42	C
KI6YYT	156	13	4	10
KW6G	8,184	88	31	C 20
W1BUD	12	2	2	20

**Los Angeles**

N6RV	267,300	552	165	B
W6FA	9,450	78	42	B
AG6MB	6,405	61	35	B
AE6XC	2,916	37	27	B
NT6AA	475,686	777	207	C
N6AA	290,547	466	211	C
W6AQ	268,830	528	174	C
N6TCZ	16,206	146	37	C
W6BT	13,965	95	49	C
W6AFA	125,610	534	79	15
KF6QEX	24	4	2	40

**Orange**

W6ZL	49,434	214	77	B
N6VDR	28,080	147	65	B
WA6NHO	14,520	101	55	B
KN6OP	13,869	69	69	B
W6JNU	13,524	101	49	B
WA6KHK	285,450	553	173	C
WW6O	99,540	321	105	C

**Santa Barbara**

NN6DX (W1PR, op)

	106,560	323	111	B
WV6N	60,768	217	96	B
WA6FGV	53,244	208	87	B
KI6QDH	41,553	176	81	B
W6HYK	41,184	143	96	B
KD6PQF	10,200	85	40	B
W6TK	538,377	834	217	C
WB6L	373,176	596	213	C
W6CWM	46,872	190	84	C
W7CB	36,693	154	81	C
KG6RWF	60	5	4	C 20
KI6LZ	116,100	519	75	40

**Santa Clara Valley**

N1WC	23,976	115	72	B
W6FB	13,950	94	50	B
N6ROB	11,562	95	41	B
N6SPB	4,602	61	26	B
W6RPH	3,750	50	25	B
KJ6AGX	2,394	40	21	B
AC6SL	1,176	29	14	B
KF6H	360	12	10	B
K6FEW	27	3	3	B
N6NF	143,157	408	119	C
K6XN	127,575	323	135	C
W6EB	35,250	128	94	C
KE1B	14,061	111	43	C
KM6I	10,437	72	49	C
AJ6V	10,320	87	40	C
NY6U	1,560	27	20	C
K6RM	12	2	2	C
KE1BYL	48	4	4	10
N6WLF	165	11	5	15
K6HNZ	139,374	526	89	20

**San Diego**

W6QU (W8QZA, op)				
	123,708	340	122	A
K6AM	448,596	738	204	B
WN6K	172,770	447	130	B
N6IEF	90,384	278	112	B
K6FI	19,992	138	49	B
KC6MIE	13,113	96	47	B
W6TAN	8,526	99	29	B
AA6EE	5,487	59	31	B
K6NA	1,213,800	1,401	289	C
AF6AV	11,172	99	38	15
W6YI	207,648	832	84	40

**San Francisco**

N6YEU	17,820	100	60	B
K3FIV	8,280	70	40	B
K6MLF	2,346	35	23	B
K6UUW	32,604	146	76	C
K6GZA	28,566	145	69	C
AE6YB	7,920	90	30	20

**San Joaquin Valley**

K6MI	510	17	10	A
AA6K	170,328	379	151	B
KE6SHL	71,595	218	111	B
N3RC	32,562	139	81	B
K6AAB	29,388	159	62	B
K6CSL	7,560	74	35	B
NA6G	3,321	43	27	B
K6UMO	432	17	9	B
KT6YL	198,468	448	149	C
N6YMM	109,500	303	125	C
N6ZM	43,845	188	79	C
W6SX	26,112	131	68	C
K6YV	21,762	122	62	C
KD6CPA	12	2	2	20

**Sacramento Valley**

W6RFF	117,120	316	128	B
K7XE	67,311	288	81	B
KQ6X	14,112	97	49	B

AF6SA	9,447	67	47	B
N6EF	1,107	41	9	B
K6LRN	313,560	523	201	C
W6RKC	91,485	285	107	C
KJ6RA	20,550	137	50	C
WB6JJJ	9,804	77	43	C
W6SR	76,734	446	58	15
W7DR	129,024	448	96	C 20
NU6C	12	2	2	40

**7****Arizona**

KF0X	1,275	26	17	A
K7JE	324,768	554	199	B
W7RV	218,286	407	181	B
W4LSC	84,216	235	121	B
N7IR	79,695	256	105	B
KE7YF	28,917	158	63	B
W7KAM	27,216	149	63	B
N4LS	24,624	121	72	B
K6WSC	12,450	83	50	B
K3TP	7,800	67	40	B
KE7TM	3,480	40	29	B
K6TUJ	1,530	30	17	B
KF7FGN	1,242	23	18	B
K0TIV	1,080	24	15	B
KJ4BQS	882	21	14	B
W6ZQ	684	20	12	B
K5RR	806,508	1,046	258	C
K7HP	239,424	466	172	C
K7WIN	224,280	449	168	C
NF7E	129,270	315	139	C
KE2VB	70,632	217	109	C
WR5G	37,920	162	80	C
N7WS	21,285	131	55	C
KK7YL	5,829	69	29	C
N7RK	4,050	51	27	C
K7FA	3,744	39	32	C
KB7AZ	2,772	44	22	C
N7RQ	105,702	449	79	15
W7ZR	37,455	229	55	15
K7MY	29,295	157	63	15

WE7K	21,285	132	55	15
W7UPF	12,096	103	42	15
N6HI	1,140	20	19	15
W0PAN	5,022	54	31	B 20
NI7R	1,386	35	14	20
WA7NWL	5,115	55	31	40

**Eastern Washington**

WX7B	92,160	264	120	B
WA0WWW	54,990	197	94	B
KC7H	4,851	55	33	B
W7BHP	510	18	10	B
K7ZZT	507	14	13	B
W6AEA	203,670	469	146	C
KI7AO	140,070	296	161	C
AC7GP	110,760	356	104	C
K7EIQ	17,172	109	53	C
N7GTW	3,375	45	25	C
W7BJN	62,073	367	57	15
K7HPT	3	1	1	20

**Idaho**

N7VJ	38,157	164	79	B
NF7T	7,821	83	33	B
N7WH	7,524	62	44	B
KF7CQ	3,960	44	30	B
KE7POV	36	5	3	B
W7MFC	13,284	108	41	C
KI7BP	8,640	96	32	15
KB7QFE	24,366	141	62	20
K0IP	14,259	98	49	40

**Montana**

KE7NO	123,900	298	140	B
KE7VUX	9,288	75	43	B
AA7MT	4,440	42	37	B
KF7ADK	390	13	10	B
KS7T	146,982	379	131	C
NB7V	27,000	187	50	C
KD7IIC	45,126	221	69	20

**Nevada**

KB1PWF	741	22	13	A
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N7UR	54,708	193	97	B
N3XRU	45,018	188	82	B
W7YKN	28,080	124	78	B
K7DNH	11,232	107	36	B
WE6EZ	5,022	55	31	B
K7STU	4,212	52	27	B
K7SFN	23,790	124	65	C
KS6A	11,592	88	46	C
K7XC	10,074	74	46	C
W7EB	87,525	396	75	20
K7ACZ	52,152	220	82	20

**Oregon**

W3CP	38,376	173	78	B
W7MTL	34,365	151	79	B
W7EYE	30,996	164	63	B
KE7AUB	14,448	115	43	B
WJ7R	4,131	81	17	B
N7TE	3,168	44	24	B
KI7N	2,520	42	20	B
WA7SHP	2,115	49	15	B
W7SST	2,016	44	16	B
W7JDE	1,260	28	15	B
KE7NVA	240	11	8	B
KD7MSC	65,772	256	87	C
N6TW	51,216	196	88	C
AD7XZ	41,370	213	70	C
K7ZS	40,584	153	89	C
KN7K	26,376	159	56	C
W7CAR	25,740	146	60	C
KK7CG	540	21	9	C
NE7D	16,740	155	36	15
WA7AR <small>(W7FP, op)</small>	116,622	423	93	20
W7ASF	8,019	82	33	20

**Utah**

WF4U	88,920	250	120	A
N7VM	40,770	152	90	B
KF7IQ	23,010	127	65	B
WA7CC	6,816	71	32	B
W7GT	3,630	56	22	B

AE7RW	1,734	35	17	B
W7SUR	936	24	13	B
NN7ZZ (N5LZ, op)				
	694,320	1,063	220	C
NI7F	55,803	211	89	C
K7ULS	99	11	3	10
K7RFW	231	11	7	15

**Western Washington**

AD7T	25,758	167	54	B
W7QN	14,382	108	47	B
WE7P	10,434	97	37	B
W8BFX	8,568	84	34	B
W7JFF	7,200	80	30	B
W7OIL	7,020	65	36	B
AF7O	1,728	37	16	B
KD7YDL	1,020	34	10	B
AC7UH	684	20	12	B
N7TT	899,388	1,213	249	C
K7RL	763,113	1,154	221	C
W7PU	64,701	261	91	C
WG7X	35,178	146	82	C
W7TSQ	27,522	146	66	C
N7QS	23,769	142	57	C
KT7G	2,808	40	24	C
KB7STO	1,764	52	12	C
NG7Z	7,380	87	30	15

**Wyoming**

KO7X	112,980	272	140	C
WY7LL	90,972	230	133	C
N7IX	18,786	101	62	C

**8****Michigan**

KT8K	55,590	176	109	A
KE8FO	67,374	198	114	B
N8DE	56,772	169	114	B
N8AE	46,866	151	107	B
KD8GOX	44,460	158	95	B
K8KHZ	35,052	128	92	B
N8ERL	21,216	105	68	B
KJ8O	17,298	94	62	B

KB8TXZ	13,860	79	60	B
N8SBE	11,934	80	51	B
N8NX	6,432	68	32	B
KC8PCJ	4,185	47	31	B
NF8M	3,999	43	31	B
N8NOE	3,330	38	30	B
KD8GRG	2,964	38	26	B
WB8NXG	1,767	31	19	B
W8EAB	585	14	15	B
KD8CMD	468	14	12	B
KD8FQL	429	13	11	B
W8TWA	614,781	825	249	C
K8AO	506,616	813	209	C
K8GL	447,615	736	203	C
KD8CAO	64,527	159	137	C
K8DD	44,640	124	124	C
K8ESQ	40,608	147	94	C
W8OHM	15,600	107	52	C
K8MEG	2,244	35	22	C
KD8JAM	16,464	100	56	20
N8WAV	13,068	103	44	20
WA8UMT	810	19	15	20

**Ohio**

WD9FTZ	11,016	71	54	A
K8LY	233,874	432	183	B
WB8K	206,400	403	172	B
W8TM	149,058	295	169	B
W8PT	146,034	368	133	B
W8KNO	118,800	282	144	B
KB8UHN	117,705	302	133	B
N8AA	100,548	297	114	B
W8GOC	100,368	249	136	B
WS6K	70,800	202	118	B
KB8UUZ	68,139	207	113	B
KC8UWG	53,607	171	107	B
NX8G	29,820	141	71	B
WA8YVF	23,754	107	74	B
KC8IVC	22,200	100	74	B
KD8MBH	21,816	104	72	B
NA8SA (AF8C, op)				
	21,063	124	59	B

N8TXI	21,000	100	70	B
WT8E	18,894	97	67	B
WW8ZZ	14,673	74	67	B
N8OQQ	11,169	74	51	B
W8IDM	10,710	71	51	B
N8HP	10,368	65	54	B
KD8HHG	8,004	59	46	B
KA8PTT	5,289	43	43	B
WA8SDF	4,830	52	35	B
K8RJH	4,158	44	33	B
KD8MBI	3,774	38	34	B
W8ONE	2,268	30	27	B
KC8UNR	1,863	30	23	B
AF8C	1,458	27	18	B
KB8MYC	1,386	23	21	B
N8RLG	45	5	3	B
N8BJQ	569,646	695	274	C
K8FL	405,384	540	254	C
K8KY	242,946	422	198	C
W8GNM	222,336	390	193	C
WA8RCN	152,847	359	153	C
K8MR	106,524	270	132	C
W8HMK	105,918	259	139	C
KD8IOW	101,088	237	144	C
K8VUS	84,582	262	111	C
K8QF	34,056	131	88	C
N8PW	27,225	122	75	C
KF8UN	25,752	116	74	C
WF8N	13,356	97	53	C
W8MET	8,262	55	51	C
K8ALM	3,264	37	32	C
W8JGU	1,860	31	20	C
K8ME	1,449	26	21	C
N8QE	147	7	7	15
KA8WQL	52,920	247	72	20
WA3PAK	48,972	214	77	20
N8QAZ	21,336	131	56	40
W8JMF	17,496	110	54	40
N8BV	6,372	63	36	40
NR8U	1,575	25	21	80
WB8JUI	192	8	8	160

**West Virginia**

WB8EKG	76,014	208	123	B
KA8NJW	25,344	139	64	B
W8KER	11,025	77	49	B
N8II	184,497	694	89	20

**9****Illinois**

AI9I	14,790	86	58	A
AI9K	3,132	37	29	A
W9AQ	1,944	29	24	A
KD9MS	394,605	569	237	B
K9MY	221,034	389	197	B
N9TGR	106,524	274	132	B
N9LYE	75,276	204	123	B
K9JE	61,152	225	91	B
W9VQ	58,401	193	103	B
KB5OS	48,708	167	99	B
WC9B	37,485	148	85	B
NV9X	34,020	127	90	B
K9GY	21,240	122	59	B
WA9LEY	16,104	88	61	B
KD9AC	10,395	67	55	B
N9CO	10,152	72	47	B
KC9LQS	9,000	63	50	B
W9ILY	8,991	83	37	B
N9VPV	7,812	62	42	B
K9TIE	6,384	58	38	B
KB9CYL	3,420	38	30	B
WB8RFB	2,352	28	28	B
WA9LKZ	2,106	31	26	B
WO9I	1,518	26	22	B
KC9EIG	108	7	6	B
W3HDH	74,865	218	115	C
W9MSL	61,182	201	103	C
KK9H	48,984	163	104	C
N9UC (WO9S, op)	44,460	198	76	C
N9JZN	39,243	133	103	C
NJ9Z	36,693	152	81	C
KB8SB	24,885	109	79	C
N9EP	17,550	93	65	C

W9PDS	4,797	42	39	C
WB9AYW	216	9	8	C
W9WJ	63,042	266	79	B 20
KG9N	30,384	213	48	20
W9TMW	6,318	55	39	20
KC9PBU	432	13	12	20
KC9GHA	243	9	9	20
W9QL	2,160	31	24	40

**Indiana**

W9IP	2,886	38	26	A
KD4ULW	28,044	117	82	B
AA9WJ	22,578	107	71	B
AJ9C	20,670	109	65	B
WB9MDS	20,088	94	72	B
KC9IRQ	11,544	105	37	B
WD8DSB	9,300	62	50	B
KV9W	9,045	68	45	B
WB9LRK	7,965	62	45	B
KB9YGD	7,452	56	46	B
KC9OYE	4,752	46	36	B
N9IZ	3,999	43	31	B
KU8T	3,885	41	35	B
N7GVV	2,106	27	26	B
W9WXN	1,587	23	23	B
W9RE	3,149,784	2,710	388	C
WO9Z	805,794	855	319	C
K2UR	300,969	476	213	C
K9LA	78,912	195	137	C
N9WKW	58,800	177	112	C
N9ZI	46,545	151	107	C
WB9FQS	20,223	112	63	C
N4TZ	81,528	344	79	15
KK9V	6,804	65	36	15
N9QID	714	17	14	20

**Wisconsin**

N9TTX	45,552	150	104	A
K9DXL	24,336	107	78	B
K0CD	16,653	95	61	B
N9NDP	15,045	85	59	B
KC9DOA	9,720	62	54	B

K9AIH	1,188	23	18	B
WB9IRF	816	18	16	B
KB9OBF	75	5	5	B
WE9R	363,267	548	223	C
KG9G (NP21, op)				
	75,396	213	122	C
N9UY	60,216	198	104	C
W9YT	26,199	124	71	C
W9WS	22,302	123	63	C
K9MA	10,530	90	39	C
W9OP	22,800	155	50	15
K9DN	45,276	201	77	20
W9AEM	2,829	41	23	B 20
W9GXR	300	10	10	C 40
WI9H	3,720	40	31	C 80

**0**

**Colorado**

N0KE	188,853	399	161	A
KK0Q	26,460	147	60	A
W0ETT	205,380	436	163	B
KC0MEZ	52,671	185	97	B
AG0A	32,868	133	83	B
KC0WKZ	23,760	122	66	B
N0GOS	13,932	90	54	B
KC0V	3,816	54	24	B
KD0AZR	360	12	10	B
K0ANS	225	15	5	B
KD0JRM	126	7	6	B
K0FX	228,528	430	184	C
NC0B	191,403	465	139	C
W0RIC	132,741	306	147	C
WW0AL	31,920	143	76	C
N3TOA	27,528	126	74	C
K0GAS	13,965	97	49	C
NA0BR	9,180	69	45	C
KV6O	6,600	56	40	C
N0CKC	3,894	59	22	B 15
K0KZA	3,036	46	22	B 15
K0IZ	101,112	398	88	20
KB0YH	41,607	214	67	20
KD0JUC	5,814	60	34	20

WB6RAB	1,872	27	24	20
WD0BGZ	66,861	333	69	40
KD0BSY	90	6	6	80

**Iowa**

N0HR	304,950	539	190	B
NT0F	188,871	404	157	B
K0VM	81,075	251	115	B
KC0AKY	9,750	68	50	B
K0ACP	630	15	14	B
K0IO	194,805	376	185	C
N0GZ	145,992	321	158	C
K0FA	65,790	225	102	C
KN0R	37,800	140	90	C
K0SRL	17,088	89	64	C
AI1P	9,180	61	51	C
KU1CW	552,123	1,583	117	20
W0PPF	21,948	124	59	C 20
KC0YHU	60	5	4	20
N0NI	39,690	192	70	80
K0KT	3,108	37	28	160

**Kansas**

W0YJT	34,749	146	81	B
K0BJ	7,686	61	42	B
N0LLH	2,268	29	28	B
KC0GLA	192	9	8	B
KC0FUE	63	5	7	B
K0VXU	511,980	653	265	C
K0AP	168,021	383	147	C
WA0N	101,682	285	126	C
W0BH	51,660	165	105	C
NY0T	46,854	137	114	C
N0OST	22,113	118	63	C
K0RH	71,175	372	65	15
WA5SWN	1,512	24	21	B 20
N0UU	25,704	127	68	40

**Minnesota**

ND0C	137,448	333	138	A
N0UR	6,960	59	40	A
N0HJZ	55,500	188	100	B

WA0LJM	54,720	195	96	B
W0TLE	30,030	156	65	B
N0UJJ	10,143	75	49	B
WA0VPJ	10,080	70	48	B
KB0R	9,522	75	46	B
KD0IJW	7,695	62	45	B
NX0P	4,851	57	33	B
W0ML	4,704	57	28	B
KC0UUT	2,964	39	26	B
WD0K	2,880	32	30	B
N0UV	1,056	23	16	B
KC0RSX	969	19	19	B
N0OK	393,651	577	229	C
K0CN	97,857	253	131	C
K0JJR	71,610	219	110	C
W0JEC	31,008	139	76	C
W0ZQ	5,904	49	41	C
KC0RQH	270	10	9	80

**Missouri**

NV0U	12,702	74	58	A
K4LSU	93,150	239	135	B
NX0I	39,339	147	93	B
WA0L	37,044	127	98	B
KB0NHW	32,760	131	84	B
AA0A	24,336	107	78	B
W7THY	19,530	96	70	B
W0NFS	12,210	76	55	B
K2HT	8,280	63	46	B
KD0JBN (@KD0LBN)				
	1,725	26	23	B
KA0P	144	8	6	B
KC0STQ	48	4	4	B
K0OU	399,147	593	229	C
N0IRM	159,903	329	163	C
K0PFZ	330	12	10	C
N0AX	4,209	64	23	15
KF0IQ	1,425	26	19	15
K0LAF	468	13	13	40

**North Dakota**

N0JE	3,627	39	31	B
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KB0BRY	468	15	12	B
N7IV	104,295	418	85	20

**Nebraska**

NU0C	19,602	100	66	B
K0ITC	4,884	44	37	B
W0KT	1,170	27	15	B
WN0L	7,344	69	36	C
KD0GJS	48	4	4	15

**South Dakota**

WB0TSR	116,604	322	123	B
W0PYZ	89,460	210	142	C
KC0PLZ	19,467	103	63	C
KD0S	3,567	43	29	C

**Canada****Alberta**

VE6DDD	53,676	215	84	B
VE6LE	15,048	116	44	B
VE6TD	6,840	78	30	B
VE6BBP	609,525	1,078	189	C
VE6TL	451,374	978	154	C
VA6NJK	130,221	373	117	C
VE6WQ	809,088	2,119	128	20

**British Columbia**

VA7BEC	114,432	303	128	B
VE7WEB	65,790	262	85	B
VE7AX	18,750	128	50	B
VE7RSV	4,026	61	22	B
VE7YJ	4,026	65	22	B
VA7CPC	1,530	34	15	B
VA7ST	319,365	761	141	C
VA7FC	278,616	614	152	C
VE7NS	16,188	142	38	15
VA7JW	12,654	115	37	15
VE7DAQ	24	4	2	20

**Maritime**

VE1JS	252,765	619	137	B
VE1BVD	85,914	227	129	B
VE1SQ	36,801	146	87	B
VY2ZM	5,436,120	4,084	445	C

VY2TT	4,147,332	3,591	388	C
VE9MY	628,575	732	289	C
VY2SS	9,546	76	43	15
VE1AOE	14,400	97	50	40
VE9ZX	36,465	188	65	80

**Manitoba**

VE4YU	89,436	259	116	B
VE4EAR	739,152	1,052	236	C

**Newfoundland/Labrador**

VO1BBN	131,760	310	144	B
VO1RYL	48,954	204	82	B
VO1GO	12,600	70	60	B
VO2NS	99,960	493	68	C
VO1KVT	148,473	616	81	20

**Northern Territories**

VE8GER	32,736	178	62	B
VY1EI	116,532	479	83	C
VY1CQ	13,416	104	43	C

**Ontario**

VA3DF	294,120	522	190	A
VA3RKM	297	11	9	A
VE3BDN	775,248	1,056	248	B
VE3AD	677,424	1,297	176	B
VE3EY	212,550	549	130	B
VE3FH	156,813	314	167	B
VA3SWG	120,951	462	89	B
VE3BVA	99,060	255	130	B
VE3TU	81,840	252	110	B
VA3HIE	79,632	241	112	B
VA3TV	55,440	213	88	B
VE3OM	25,308	115	74	B
VE3RCN	21,087	100	71	B
VE3MGY	18,768	96	68	B
VE3MEW	17,199	94	63	B
VE3CKG	11,550	74	55	B
VE3OBU	11,256	67	56	B
VE3NQM	3,978	40	34	B
VA3TPV	2,880	32	30	B
VA3ZWT	1,035	25	15	B



VA3FN	396	12	12	B	N1DG	1,380,336	1,196	386
VE3AJ	270	10	9	B	N9NC	1,265,544	1,124	378
VX3AT (VE3AT, op)					W1CTN	1,047,552	1,029	341
	4,534,959	3,762	403	C	N1YX	888,552	995	301
VE3KZ	425,400	713	200	C	N1IW	810,648	977	278
VA3EC	93,600	264	120	C	K1KI (KM1P, op)			
VE3FSJ	53,460	201	90	C		800,925	909	295
VA3FP	21,000	140	50	C 15	W1QK	740,220	856	292
VX3CW	2,028	26	26	15	W1AN	710,946	770	311
VA3PL	459	18	9	15	W1ZZ	429,534	489	294
VE3DZ	406,929	1,347	101	20	W1STT	424,560	592	244
VX3XN	369,198	1,161	106	C 20	WB1EDI	399,378	518	259
VE3NE	285,120	967	99	20	KK1L	391,104	597	224
VA3GUY	3,420	40	30	20	W1NT	384,741	600	217
VA3TTU	1,680	35	16	20	W1MAW	356,490	519	233
VA3LLZ	6	2	1	20	K1BD	326,136	514	214
VA3XH	24,759	133	63	40	KT1B	301,644	443	228
VE3CUI	624	16	13	160	W1RZF	273,780	480	195
					AE1T	260,775	477	183
<b>Quebec</b>					W1WEF	260,610	532	170
VE2EZD	40,656	156	88	B	K1JB	222,456	720	104
VA2BS	28,386	116	83	B	W1NG	188,100	302	209
VX2AWR (VE2AWR, op)					N1API	165,132	424	132
	3,663	37	33	B	K1NYK	145,536	389	128
VE2ARR	2,697	35	31	B	K1PL	140,580	335	142
VE2DC	431,676	572	252	C	KV1J	120,285	244	165
VA2WDQ	203,715	506	135	C	K1LD	104,544	243	144
VE3AP/2	82,350	374	75	20	N6RFM	95,400	216	150
VX2GLA (VE2GLA, op)					NE1F	59,211	154	129
	396	12	11	20	K1RV	52,299	151	117
VE2DWA	4,416	48	32	160	W1MAT	52,164	163	108
					KE1FO	45,594	150	102
<b>Saskatchewan</b>					K1SUB	45,570	161	98
VE5ZX	374,631	844	151	B	WA1AR	41,676	155	92
VE5SF	270,000	727	125	B	KK1X	38,703	135	97
VE5CPU	196,560	724	91	C	K2RS	30,000	126	80
VE5WI	29,889	131	81	C	N1MGO	27,060	115	82
VA5LF	75	5	5	15	N1IVY	22,464	97	78
VE5MX	27,720	220	42	20	N1QV	19,008	100	66
					K3IU	12,825	75	57
					WJ1B	9,672	62	52

### Single Operator Assisted

1

K2TE 1,491,996 1,405 356

**2**

W2RE	4,174,938	3,404	411
N2MM	1,916,214	1,682	389
W1GD	1,821,687	1,566	389
W2IRT	1,567,500	1,383	380
AB3CX	1,168,779	1,241	317
W2YC	727,590	806	307
N1EU	723,495	698	347
N1IBM	718,776	808	298
W2NY (WT4Q, op)			
	603,477	726	279
K2GN	583,884	667	294
W6XR	514,188	632	276
KA2D	506,970	650	262
N2UN	476,478	623	257
K2QMF	394,338	580	229
N2ZX	348,831	345	339
W2ML	344,430	546	215
K2EP	340,500	501	227
W2LE	335,625	627	179
N2MUN	330,084	526	212
W2GDJ	319,782	480	223
N2WKS	307,272	442	236
K2XF	307,116	455	228
N2VW	302,886	433	237
WA3RHW	296,820	487	204
K2LE	239,976	411	198
WA3AFS	201,240	263	260
K2MLB	200,736	344	204
KS2G	197,046	372	178
AB2ZY	176,988	305	196
W2JJ (WA2VUN, op)			
	159,444	321	172
K2QPN	113,256	273	143
N1JP	95,598	233	141
K2DSL	87,153	212	139
K2YR	73,980	180	137
K2TTT	72,480	168	151
WK2H	55,800	203	93
KC2RDW	44,745	161	95

## W2RZS (WB2NVR, op)

	43,803	158	93
K2BX	33,726	149	77
WF2B	30,375	127	81
KA2YKN	14,940	93	60
NJ1F	13,500	79	60
KC2LST	9,114	64	49
AD2AM	4,386	45	34
K2DB	3,072	33	32
N2PKP	3,060	35	30
WB2TPS	2,400	32	25
WC2L	507	13	13

**3**

K3WW	3,156,300	2,517	420
AA3B	2,445,795	2,024	405
K3OO	1,235,430	1,112	371
K3PP	1,166,319	1,080	363
W3CF	953,145	1,093	295
K2PLF	950,685	1,042	305
K3IPK	838,098	926	303
K3WI	746,460	876	286

## W3GM (K3ND, op)

	670,677	766	293
W3ZZ	664,122	774	289
W3KB	459,696	637	244
KD3TB	436,320	625	240
W3OU	424,593	578	247
WW3S	409,281	603	227
W0BR	367,650	477	258
N1SZ	334,026	464	241
K3PG	181,818	348	182
W3FW	168,525	333	175
K3SV	113,850	278	138
W3WC	112,572	239	159
KE3C	100,485	239	145
W4EE	92,664	224	143
N3KV	90,948	216	143
K3VA	77,760	241	108
N3YIM	62,580	151	140
K3OOO	55,539	193	99

W3SQ	53,862	199	94	KG4W	260,172	406	219
NA3M	42,408	187	76	KD2JA	257,256	405	216
W3GK	36,540	177	70	W4PM	227,685	355	215
AB3IC	36,036	138	91	KI4TZ	219,459	387	191
W3AG	33,147	128	87	K4JRA	209,328	395	178
WR3L	30,267	173	59	N4NM	206,208	392	179
K3SF	25,056	117	72	K9PJ	203,148	403	171
W6NRJ	10,140	67	52	N4FY	193,806	348	194
AB3GY	2,700	31	30	W4LT	180,072	378	164
N3NRN	192	8	8	WA4ASJ	179,694	407	149
				N3FP	170,190	315	186
<b>4</b>				N4JOW	167,427	356	159
W4MYA	1,674,216	1,352	414	N4VV	164,934	296	187
N4ZC	1,664,388	1,411	396	K1MIJ	159,642	300	181
W5MX	1,168,074	1,345	291	WD4OHD	157,314	337	157
W3GQ	1,158,936	1,129	344	K1ZW	135,771	277	167
K1ZZI	1,095,885	1,039	355	W4JVN	126,072	309	136
W3OA	1,039,824	1,048	332	K3KO	122,760	222	186
W4IX	957,600	1,073	300	W3VT	110,400	202	184
N4KG	937,512	904	348	WA3OFC	109,224	223	164
N4NW	906,120	847	360	WD4HIM	93,744	219	144
WJ2D	893,508	982	308	WB4MAK	85,251	189	157
K5EK	821,532	899	307	WT5L	79,488	209	128
NF4A	803,700	903	300	N4HB	78,804	207	132
AA4V	770,502	918	281	AD4IE	73,800	207	123
K2EK	730,128	860	287	K4IDD	68,742	173	134
K0LUZ	702,999	797	297	W4WNT	62,124	171	124
AG4W	634,230	789	270	W3ZL	59,280	192	104
K4DXA	625,800	709	298	N1GC	52,779	244	73
KR4F	480,972	550	298	N4GG	49,392	152	112
N4ZZ	428,130	677	213	NN4F	47,628	162	98
K1PT	396,744	491	271	W4KPG	46,746	161	98
K2WK	384,678	503	258	KI4TZU	40,920	162	88
K4PB	374,100	591	215	KC4HW	36,408	150	82
N2TU	369,420	531	235	K1GU	30,000	100	100
N4DWK	364,452	508	242	W4GHD	27,027	119	77
N4RA	342,126	500	229	K3GWK	21,528	96	78
WD4AHZ	341,508	597	191	N4DXI	18,090	97	67
N4PQX	314,754	419	251	W4AEJ	14,208	74	64
W4JAM	291,000	509	194	W4TMO	11,502	74	54
AK4I	289,224	478	206	W4GKA	5,160	46	40

N4EEB 4,455 47 33  
 W4ZW 4,410 55 30  
 AI4VA 147 7 7

**5**

WG5J 968,544 949 342  
 K5UA 363,909 574 217  
 K5MV 240,492 432 196  
 N5JR 229,245 496 155  
 K5NZ 208,623 353 197  
 AD5VJ 175,680 316 192  
 K5HTE 116,160 250 160  
 K5XR (W5ASP, op)  
     91,728 345 91  
 N5KDV 72,600 210 121  
 W0VX 60,600 200 101  
 K5KDX (K5KDL, op)  
     58,374 214 94  
 KS5Z 50,499 181 93  
 N1CC 48,723 150 109  
 K5BZH 35,607 146 83  
 W5AJ 18,144 96 63  
 W5KI 2,142 42 17  
 K5HDU 1,767 31 19

**6**

KF6A 608,058 818 249  
 N6QQ 543,876 765 244  
 KC6X 536,328 772 234  
 N6ED 482,856 683 236  
 K9YC 344,520 588 198  
 N6WIN 322,605 540 201  
 N6KI 299,097 508 199  
 K6TA 211,800 354 200  
 WE6Z 209,568 474 148  
 K0UK 200,109 742 91  
 K6III 181,566 397 154  
 K6RIM 165,336 335 166  
 K6XX 159,600 351 152  
 N6WK 151,803 305 167  
 N2NS 126,405 265 159  
 K2RD 118,293 302 131

N6SF 95,100 319 100  
 K6GEP 82,320 247 112  
 K9JM 79,326 226 117  
 K6JJ 59,364 205 97  
 W4UAT 48,399 226 73

NI6P (NI7T, op)  
     47,064 298 53  
 W6SZG 43,935 150 101  
 W6GS 43,488 153 96  
 W6OUL 38,304 170 76  
 K6MM 33,264 156 72  
 W6SL 26,448 156 58  
 W6DR 26,412 127 71  
 W6DPD 22,680 140 54  
 AI6Z 20,679 113 61  
 K6ST 17,550 91 65  
 N6MW 17,472 92 64  
 K6LE 14,175 105 45  
 AF6GL 13,230 90 49  
 WT6K 11,562 98 41  
 NK6A 11,400 101 38  
 W6DTW 10,626 79 46  
 KE6QR 10,212 96 37  
 K6GT 9,072 72 42  
 N6ER 7,425 75 33  
 N6XT 7,326 78 33  
 K6BIR 5,829 68 29  
 N6RO 2,160 32 24  
 N6RK 1,872 26 24

**7**

KG7H 551,736 786 237  
 K0TO 434,340 644 228  
 K7HC 410,238 665 213  
 NW7E 247,596 442 188  
 KI7M 225,990 813 93  
 K7VIT 170,553 412 139  
 W2RD 148,836 319 158  
 K7KR 145,044 307 158  
 KN5H 134,547 303 149  
 WU9B 130,845 308 143

K7QYY	129,297	333	131	AC8E	46,158	166	98
KE7FBY	125,598	359	121	K8GT	39,516	149	89
K7LV	99,036	270	126	KE8UM	35,511	139	89
K7ABV	88,644	334	89	K8CX	28,140	141	67
W6SA	87,840	247	122	K8DJC	21,840	106	70
N7FLT	84,132	252	114	WO8USA	15,660	93	58
KG7C	80,940	290	95	AA8LL	5,883	55	37
K7RF	80,340	263	103	KC8WKA	2,268	29	27
NO7T	77,724	267	102	N8KOJ	1,200	20	20
W7YED	67,104	237	96				
W7SO	58,200	205	97	<b>9</b>			
W7IJ	55,611	167	111	K9NW	1,479,177	1,338	371
K17MT	48,480	168	101	N2BJ	558,225	836	225
W7WW	48,195	194	85	W9IU	524,628	719	247
KR7RK	37,950	115	110	KE9I	432,000	454	320
K7ZD	29,646	168	61	W9GIG	321,300	485	225
W7SW	28,644	124	77	N9AKR	134,154	261	174
K6UM	27,264	143	64	N9CK	108,174	300	121
KG7P	16,500	111	50	NS9I	74,694	217	118
K7WP	16,059	103	53	N9UA	72,168	198	124
W7WHY	15,390	96	54	K9OR	69,027	174	133
KF7BBJ	13,197	86	53	W9IIX	67,788	279	84
NA2U	11,088	77	48	K9EN	50,232	189	92
K7EG	7,722	70	39	KA9FOX	37,332	124	102
N7MAL	1,767	32	19	N9XO	30,555	108	97
N7IYT	432	16	9	WB9VGO	27,552	113	82
				W9JA	24,921	121	71
<b>8</b>				N7MB	18,432	98	64
N8TR	1,898,334	1,585	401	WI9WI	5,724	53	36
N8BI	1,062,660	1,020	356	N9BT	5,202	52	34
ND8L	804,906	934	291	AG3R	4,884	45	37
K8AZ	579,960	540	360	NG9R	1,080	21	18
WT8C	539,076	670	269				
W8KEN	363,636	519	234	<b>0</b>			
WA3C/8	256,239	413	213	K0KX	1,161,300	1,229	316
N4TX/8	175,086	415	142	N0VD	759,132	857	297
W8OHT	156,156	320	169	WA0MHJ	593,175	724	275
W8TE	153,102	326	158	N0AT	519,036	677	259
N8MZ	111,090	235	161	WOHT	515,073	625	281
W8CZN	104,838	351	101	KIOF	250,200	422	200
WD8S	60,003	181	113	NE0U	246,036	420	202
				AB0RX	208,125	378	185

K4IU	188,496	364	176
KC0DEB	142,788	331	146
W0JPL (K0JPL, op)			
	142,695	317	151
W0BM	131,271	331	133
K0OB	127,872	293	148
K0PK	113,787	269	141
W0YV	89,436	261	116
N0KQ	88,500	241	125
WG0M	78,720	208	128
KE0L	78,030	257	102
K0MPH	69,840	197	120
WB0N	67,980	208	110
KC6R	59,367	263	77
WB0SOK	57,330	184	105
K0ARY	44,460	156	95
W4RK	44,232	153	97
K0PC	36,432	140	88
KE0BZ	35,910	136	95
N0BK	34,560	145	80
K0QB	26,790	97	94
K0PIR	20,394	104	66
K1KD	20,100	101	67
W0AD	18,480	112	56
W0IZL	17,622	94	66
K0EX	8,610	75	41
NR0L	6,321	50	43
W0DD	4,329	41	37
K0UH	75	5	5

**Canada**

VE3MMQ	1,533,927	1,610	323
VA3DX	793,500	1,063	250
VE3TA	788,724	989	268
VE3HG	662,256	887	252
VE8EV	613,008	1,196	172
VE1OP	539,982	791	229
VE2XAA	415,881	639	219
VE1ZD	293,844	536	188
VE7KS	283,860	504	190
VE2FXL	141,006	336	142

VE9HF	135,063	352	129
VE3BK	106,656	210	176
VE6JY	62,073	171	121
VE6TR	57,816	222	88
VE3RZ	42,693	133	107
VE2NGH	40,248	129	104
VA3GGF	38,181	144	89
VE6AID	33,180	143	79
VE5FN	33,048	137	81
VA3PC	23,400	100	78
VE3XAT	12,078	67	61

**Multioperator Single Transmitter****1**

K1LZ (+ K3JO, NU5Y, N8BO)			
	5,240,760	3,699	476
N1MM (+ N1XF & W1TJL)			
	3,216,663	2,579	419
N1FD (KA1ARB & KA1RON, ops @ WB1ADR)			
	2,086,272	1,828	384
W1HQ (KX9X & K1MMH, ops)			
	750,006	991	258
KA1IOR (+ K1VTR & WA1DRQ)			
	201,411	489	139
W1CLA (+)			
	1,248	27	16
K1VTR	294	14	7

**2**

NN2W (AA2MF & NY6DX, ops)			
	1,925,478	1,657	394
N2RM (+ K3ZV & )			
	1,638,270	1,688	327
W2XL (+ AD2AM, KD2NE, N2JF, W2EG)			
	1,131,012	1,089	356
W3JK (+)			
	1,073,856	1,330	272
K2OAK (W02U & WV2ZOW, ops)			
	325,803	499	223
KC2NB (+ WK2E)			
	175,599	337	179
NO2J (+ N2LID)			
	99,696	274	124

KC2JKU (+)  
5,967 57 39

**3**

K9RS (+ N3DXX, W2GD, W2ID)  
3,922,695 2,986 441

W3MF (+ K3PH)  
1,668,975 1,459 385

K3MD (+ N3PUR)  
1,559,907 1,523 353

N3MX (+ K3YD)  
839,700 948 300

W3DQ (+ W2CDO & K2PS)  
622,503 739 287

W3EC (N3NRN, N3XUD, KB3STA, ops)  
103,572 281 126

W3LJ (+ K3NCO)  
76,944 234 112

W3WN (+ K3AIR)  
7,755 55 47

N3XUD (+ KB3STA)  
2,520 30 30

**4**

W1ZA (+ W4DR, NW4V, K4PUF)  
2,215,020 1,967 380

KF4ZZ (+)  
587,412 681 294

W4HZ (+ A14CM, W4PM, KJ4IT, N4DEN)  
518,670 704 255

W4LHS (W4JKG, K4GTM., KW4B, N2DRL,  
N4RVM, KA4CID, KJ4EGZ, KT4ZB, KG3Z, K4WP,  
ops)  
234,585 416 195

WR4U (+ KJ4IKN @ WR4U)  
8,874 62 51

**5**

W5RU (KN5O, K1DW, W5KB, ops)  
2,251,158 1,885 403

K5MR (+ W5WW & N5TJ)  
815,211 991 277

N3BUO (+ WA5FWC)  
265,872 507 191

**6**

K6FO (N6WR, KA6YLA, N6DXX, ops @  
K6FO)  
89,244 282 111

KE6WC (+ K6RWL)  
10,080 88 40

W6ELI (+ W6CKG)  
624 18 13

KI6UAQ (+ KI6UAP)  
18 3 2

**7**

NK7U (+ K7ZO, W7ZRC, N7WR)  
2,236,761 2,254 333

N7VF (+ KF7CYG)  
351,633 612 199

AK7AZ (N3KCJ & AK7AR, ops)  
242,760 482 170

WX7P (+)  
239,112 496 162

WC7WB (KI0KB & W0EMS, ops)  
179,820 414 148

W7CT (+ NG7M)  
138,348 367 126

W7TVC (KD7VIK, W6ABM, W8NF, WS7L,  
ops)  
72,240 226 112

W6NF (+ K7MKL)  
43,035 153 95

N7VS (+ AND & AD7UP)  
31,500 151 70

N7LR (+ KE7TEK & W9CF)  
11,997 98 43

K7RDG (KD7OED & W7OL, ops)  
3,915 49 29

K7AYZ (+ AL7L)  
1,392 34 16

**8**

W8ZHO (N8PPQ, W8GXT, W8CCS, NA8M,  
ops)  
65,073 204 109

W8CBF (KD8LFB & KD8LFC, ops)  
240 9 10

**9**

<b>KD9ST</b> (+ WY9D, KA9SQR, KB9EXE)	1,381,392	1,282	362
<b>KC9ARR</b> (+ &, K9QVB, )	381,972	565	229
<b>K9SG</b> (+ K9LZJ)	326,802	508	217
<b>N9DT</b> (+ N9KFT)	96,285	248	131

**0**

<b>N0MA</b> (W7II, W0IY, K0DAS, KC0SKM, N0LNO, KX9Y, KD0JNG, ops)	437,724	605	252
<b>W0RX</b> (+ N5IN, K0QL, N0UY)	392,688	614	216
<b>W0MR</b> (WB0VHF & K0RJW, ops)	30,654	133	78

**Canada**

<b>VE3UZ</b> (+ VE3GYL)	161,460	348	156
<b>VE2MAB</b> (VA2UTC, VA2SH, VE2XB, , ops)	78,384	291	92
<b>VE2CLM</b> (VE2XPL, VE2FFE, VE2FSU, VE2GGY, ops)	13,113	97	47
<b>VE7NA</b> (VA7RS, VE7LSE, VE7FCO, VA7DPF, VA7FSM, AND, VE7BGP, ops)	9,360	85	39

**Multioperator Two Transmitters**

<b>WE3C</b> (+ W3FV, NN3Q, KQ3V, N3RD, W8FJ, KQ3F)	8,679,984	5,423	536
<b>W4RM</b> (+ W4NF, W7IY, K4RG, K5OF, N3AHA, W4MFM)	4,652,967	3,469	451
<b>K0TV</b> (+ K1BG, K1HI, K2TE, KB1TBU, N1ICE, N1IW, N1LAJ, W1END, W1ZZ, WO1N, WQ1Z)	3,659,001	2,813	437
<b>N1LN</b> (+ N4YDU, W4KAZ, NT4D, AA5FU, N4GU, N1YXU)	3,321,402	2,580	434
<b>K7ZSD</b> (+ K17Y, W7ZB, K7RF, KN7K, K2PO, WS7L, K7ZS, K7AR)	2,179,377	2,385	309
<b>N0IJ</b> (+ N0IM, N0KK, AF9T, K0JJR)	2,065,833	1,916	363
<b>K1KP</b> (+ KB1NOW, K1OA, N1RD, NF1A, KB1OSD)	1,917,825	1,989	325

<b>W7RN</b> (K5RC, K7MS, K7STU, N7ON, W6NF, ops)	1,681,560	1,745	324
<b>K2AX</b> (+ N1RK, N3KR, W3MM, W2MC)	1,556,640	1,421	368
<b>VE3MIS</b> (VE3IMG, VE3XAP, VE3CWU, VE3RHD, ops)	1,505,142	1,571	326
<b>K6IDX</b> (+ N6GQ & W6OAT)	1,436,010	1,516	317
<b>W2CG</b> (+ W2EN)	1,371,744	1,310	352
<b>WA3EKL</b> (+ K3ZZ)	1,354,224	1,300	356
<b>VE6FI</b> (+ VE6AQ, VE6MAA, VE6LDX, VE6SQ, VE6KD)	1,323,540	1,672	270
<b>KT0R</b> (K0MPH, KE0L, K0AD, NR0L, N0KBD, N0HJZ, K0OB, ops)	1,214,520	1,423	290
<b>W3CC</b> (+ N3GNW)	1,128,435	988	385
<b>WQ2N</b> (+ W2VQ)	509,220	698	246
<b>W8BI</b> (KB8UEY, KC8LNO, KD8ENT, KB8OCP, KA8OQF, KC8PZX, KD8HSV, WC8Z, KB9UIY, &, W8IFF, ops)	434,874	616	242
<b>NC7M</b>	369,096	744	169
<b>VX6AO</b> (VE6TC, VE6AS, VA6APB, VE6CBT, VE6XMX, ops)	331,968	853	133
<b>VE9ML</b> (VE9MLVE9BK, ops)	242,925	402	205
<b>K9IU</b> (K9SQL, N9VKU, KB9WRA, KB9JHU, KC9EVU, KB9WKW, KC9IGH, KB9LGS, ops)	181,596	414	148
<b>WA2LGZ</b> (+ N2KWX & W2UB)	78,228	218	123
<b>W1GLO</b> (KB1SXO, KB1TRB, W1ERN, WZ1B, ops)	17,820	126	54

**Multioperator Unlimited Transmitters**

<b>K3LR</b> (+ N2NC, K1DG, VE3EJ, KM3T, WM2H, K1AR, N2NT, N3SD, K3UA, DK9TN, N3GJ, )	12,240,396	6,968	588
<b>W3LPL</b> (+ K1DQV, K1HTV, NI1N, WX3B, W3IDT, K3MIM, K3MM, K3RA, WR3Z, KD4D, K4ZA, AC6WI, N8II)	10,761,933	6,521	553
<b>KC1XX</b> (+ K1EA, KA1R, N1KWF, W1FV, W2RQ, W3UA, WA1Z, WC1M, )	10,688,937	6,475	553



**KM1W** (K1EO, K1XM, K3NA, KA1IOR,  
KT1D, W1KM, W1UE, ops)  
7,031,871 4,619 511

**K1TTT** (+ AC2AC, JA1BPA, K1MK, K1SFA,  
K2WR, N0HI, N2JFS, N2WQ, NJ1F, W1AIR, W1EQO,  
W1TO, WA1ZAM)  
6,574,713 4,381 503

**W0AIH** (+ KB9OWD, VE3CX, K9MU, AC0W,  
K0TI, OA4ABC, NR0T, AB9NE, W0BM, K9AIH,  
NE9U, W0RU, WB0N, K0VH)  
3,515,184 2,878 412

**NE3F** (+ KS3F, N3OW, NT3V, K3ATO,  
K3GMT, KA3GWA, NG3J, N3QO)  
2,751,552 2,297 408

**W6WB** (JK3GAD, W6NV, W6SC, N6DA,  
N6KJ, KX7M, W6RGG, ops)  
2,303,160 2,271 340

**K4VV** (+ A12C, W4AU, N8IVN, KB3CS,  
W0YR)  
2,055,504 1,858 374

**N8RA** (+ KD1EU)  
1,529,376 1,441 356

**KB0HH** (+ K5TDN, KA0KCI, KC5DPT,  
KD0CBV, KE5LTG, ND5I, WD0GTY)  
458,172 587 267

**WA8RRA** (W8WDD, N8MRC, KD8NFA,  
KD8KLI, NE8E, KD8IWQ, KC8ZPI, KD8LVT,  
KD8ECZ, KC8SIV, AB8KP, ops)  
31,374 137 83

## DX Single Operator

### Africa

#### Tanzania

5H3EE 2,376 34 24 A

#### Madagascar

5R8FU 4,860 56 30 C

#### Senegal

6W7RV 1,890 33 21 B  
6W2SC 103,785 631 55 15  
6W1SJ (E78A, op)  
236,253 1,294 61 20

#### Zaire

9Q0AR/6 (ON6NL, op @ 9Q)  
12 2 2 15

#### Morocco

CN8YE 1,836 34 18 B  
5C5W (CN8KD, op)  
182,373 1,153 53 15

#### Madeira Islands

**EA8BQM** 1,008 21 16 B  
**EF8R** 359,640 2,026 60 15  
**EF8G** (EA8CNB, op)  
972 28 12 15  
**AO8A** (EA8AH, op)  
288,720 1,621 60 20  
**EA8LS** 7,068 76 31 20  
**EA8CER** 1,995 35 19 40

#### Namibia

V51YJ 82,104 314 88 B

#### South Africa

ZS2NF 8,400 72 40 B  
ZS1JY 12 2 2 B

## Antarctica

## Asia

#### Israel

4Z5PJ 1,827 29 21 B  
4X0A (4X1VF, op)  
36,360 304 40 15

#### Cyprus

H2E 5,250 50 35 B

#### Kuwait

9K2K 58,194 369 53 20

#### West Malaysia

9M2ADX 84 8 4 40

#### Singapore

9V1UV 90 6 5 C

#### Qatar

A7/M0FGA 126 7 6 B

#### Taiwan

BV1EK 2,268 36 21 B  
BX5AA 112,320 524 72 C

#### China

BD1TCC 561 17 11 B  
B4TB (BA4TB, op)  
135 9 5 B  
BG6AHU 12 2 2 B  
BA4DL 19,980 186 37 C

CT3BD 188,145 568 113 C

**Canary Islands**

EA8OM 40,257 191 71 B

BH4RDU	54	6	3	15	JA1KK	3,180	53	20	B
BD7RDC	3	1	1	15	JK1NSR	2,880	49	20	B
BA1SN	24	4	2	20	JA8IJI	2,622	47	19	B
BG1QEX	12	3	2	40	JA2KPW	1,998	37	18	B
					JA1OHP	1,728	36	16	B
					JA7SSP	1,632	34	16	B
<b>South Korea</b>					JR5YBH (AE6JZ, op)				
6K5AQY	2,244	38	22	B		1,440	32	16	B
DS5DYM	1,443	37	13	B					
DS5QLJ	90	6	5	C	7K1MAG	1,350	30	15	B
HL2/KF6RCP	252	15	6	15	JA1VGV	1,008	24	14	B
HL3AMO	13,158	132	34	20	JA1HG	840	20	14	B
HL5YI	324	12	9	20	JL3MCM	660	22	10	B
HL1/WX8C	180	10	6	20	JO3RCK	540	21	9	B
					JQ2OUL	432	16	9	B
<b>Thailand</b>					JR4PMX/1	432	16	9	B
HS0ZDY	1,728	34	18	C	JA9LX	336	16	7	B
HS0ZDR	90	10	3	15	JE7HYK	234	13	6	B
HS0ZCW	47,775	329	49	20	JA1ELY	1,154,055	1,928	203	C
					JM1XCW	504,510	1,270	134	C
<b>Saudi Arabia</b>					JA7BME	343,440	862	135	C
HZ1PS	17,172	113	53	B	JE1LFX	238,056	768	104	C
					JR7WAB	227,205	903	85	C
<b>Japan</b>					JA2AXB	225,378	664	114	C
JR4DAH	25,872	157	56	A	JA7COI	208,656	650	108	C
JE1LDU	9,999	101	33	A	JH7QXJ	203,805	653	105	C
JA2MWV	4,968	69	24	A	JA2FSM	143,451	490	99	C
JH3DMQ	225	15	5	A	JA1LZR	133,308	489	92	C
JH4UYB	476,976	1,049	152	B	JA2BNN	117,348	517	77	C
JA2CUS	28,830	156	62	B	JQ1BVI	95,976	381	86	C
JA1GLE	14,592	129	38	B	JF1SEK	89,859	395	77	C
JA1FRQ	12,144	88	46	B	JA8ECS	88,134	397	74	C
JA1MZM	10,044	109	31	B	JR2ECF (JF1EQA, op)				
JG2REJ	8,976	88	34	B		42,405	259	55	C
JA2PFO	8,400	82	35	B	JL1SAM	39,846	235	58	C
JA2GHP	8,316	84	33	B	JA2VHO	37,800	203	63	C
JE4MHL	8,262	81	34	B	JH1HIC	33,867	159	71	C
JA1IZ	8,208	77	36	B	JH0KHR	28,899	174	57	C
JA1BJI	7,650	76	34	B	JR2PMT	26,100	152	58	C
JA9TQY	5,175	75	23	B	JA1FNO	15,480	120	43	C
JR4VEV	4,884	75	22	B	JA7IC	6,930	70	33	C
JF1TEU	4,293	53	27	B	JN3SAC	5,445	56	33	C
JA3DAY	4,050	51	27	B					
JA6DIJ	3,366	52	22	B					

JA4CZM	3,906	64	21	C	JH7XMO	213,840	1,211	60	20
JA3EY	3,528	50	24	C	JA7FTR	198,063	1,130	59	20
JH7DUM	3,528	49	24	C	JA7XBG	173,304	1,001	58	20
7J1ABD	1,560	41	13	C	JA7BJS	120,780	738	55	20
JH8CXW	1,248	28	16	C	JH1ACA	93,150	580	54	20
JA1OVD	1,242	23	18	C	JG2KKG	67,575	430	53	20
JR3UIC	144	8	6	C	JA7AKH	62,868	409	52	20
7J2YAF (JA1KSO, op)					JH0EPI	31,476	245	43	20
	96,234	754	43	15	JA3LEZ	9,240	113	28	20
JN1NDY	86,946	682	43	15	JA7LLL	6,144	64	32	20
JA7NVF	59,640	573	35	15	JA8DIV	4,704	56	28	20
JH7XGN	54,858	449	41	15	JG4OOU	4,278	62	23	B 20
7K4XNN	45,279	390	39	15	JH1EVD	3,969	54	27	20
JG7PSJ	43,056	370	39	15	JA4AQR	759	23	11	20
JR8OGB	30,564	289	36	15	JA5UBW/3	660	22	10	20
JO3DDD	11,160	159	24	15	JE1GZB	594	22	9	B 20
JH7RTQ	9,912	118	28	15	JA4BXU	240	10	8	20
J11ALP	3,528	57	21	15	7K1CPT	9	3	1	20
JH9JJD	2,772	44	21	15	JA0JHA	198,000	1,204	55	40
JA9CCG	1,836	51	12	15	JA1XMS	19,845	192	35	40
JA4DQX	1,428	34	14	15	JA8NFV	5,520	80	23	A 40
JP1IXV	1,395	32	15	15	JF1RYU	1,155	36	11	40
7N2UQC	972	37	9	15	JJ4NZO/1	336	17	7	40
JA1ANF	624	16	13	15	JR2ALA	195	14	5	40
J11LAI	432	16	9	B 15	JR4URW	156	13	4	40
JF1PYJ	360	24	5	15	JO3PSJ	108	9	4	40
JA3KDJ	357	17	7	B 15	JA8OW	108	9	4	A 40
JA3PYH	288	16	6	B 15	JH1MDJ	84	7	4	40
7N4WPY	252	12	7	15	J18BUR	63	7	3	40
JK1TCV	165	11	5	15	JA1IZZ	63	7	3	40
JA1LBZ	90	10	3	15	JH1RDU	63	7	3	40
JR0BUL	81	9	3	15	JS3EOE	18	3	2	40
JA2TTH	54	6	3	15	JA9RDT	12	2	2	40
JR2AAN/2	36	5	3	15	JE1SPY	504	23	8	80
JS1NYY	30	10	1	15	JF2IWL	156	14	4	80
JM1KLO	24	4	2	15					
7K4QCQ/1	24	4	2	15	<b>Mongolia</b>				
JG2CNS	18	3	2	15	JT1CO	275,940	1,025	90	C
JG1GCO	18	3	2	15					
JG5UWK	18	3	2	15	<b>Lebanon</b>				
JA1KPF	3	1	1	15	OD5O (OD5NJ, op)				
						81,687	378	73	C

**Turkey**

TA1HZ	420	14	10	B
TA1DX	75	5	5	B

**Asiatic Russia**

RV9UP	3,525	48	25	B
UA0FM	572,850	1,704	114	C
UA0IDZ	327,666	1,130	97	C
RX9JP	1,998	37	18	C
RX9TX	90	6	5	C
UA0DC	160,104	957	56	20
RZ0SR	97,812	576	57	20
UA0ZS	96,195	586	55	20
RA0QC	55,491	360	53	20
UA0SR	45,423	313	49	20
RK0UT	43,050	288	50	20
RZ0AF	31,320	234	45	20
RK0AB	28,566	210	46	20
UA9JDP	28,509	226	43	20
RA0QQ	20,910	175	41	20
RW0CV	7,584	79	32	20
RK9KWI (UA9KHE, op)	3,900	50	26	20
RA9AAA	2,709	45	21	20
UA9OMT	1,035	23	15	20
UA8AA	570	21	10	20
RK9DM	297	12	9	20
RV9AZ	189	9	7	20
RA0SMS	144	12	4	20

**Kazakhstan**

UN6GK	2,442	37	22	B
UP2L (UN9LG, op)	70,092	403	59	20
UN6P	34,560	240	48	20
UN8GV	2,862	55	18	20
UN7TW	966	24	14	20

**Hong Kong**

VR2XMT	12,354	143	29	20
VR2YYW	5,880	99	20	40
VR2ZQZ	36	5	3	40

**India**

VU3DJQ	855	20	15	B
VU2JOS	27	3	3	C 20

**Europe****Montenegro**

4O3A (YU1YV, op)	2,069,256	3,185	218	C
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**Croatia**

9A4AA	16,974	123	46	B
9A7V	462,840	1,163	133	C
9A2EU	164,916	513	108	C
9A3XV	61,671	340	61	C
9A4W	120,414	866	47	15
9A3AAX	7,332	97	26	15
9A7KDT	384	16	8	15
9A8M (9A7DM, op)	143,106	793	61	20
9A2NO	8,400	83	35	20
9A8MM	27	3	3	20
9A1CCY (9A5TO, op)	7,176	93	26	80

**Portugal**

CT2IOV	36,675	164	75	A
CT7/LZ3ND	855	19	15	A
CT2IVH	4,263	50	29	B
CT7/LZ1WR (LZ1WR, op)	741	20	13	B
CT1JLZ (OK1RF, op)	3,121,476	3,894	269	C
CT4NH	38,016	193	66	C
CR6K (CT1CJJ, op)	219,408	1,314	56	15
CT1BOL	32,277	203	53	20
CT1DZY	3,888	55	24	20
CT2HKN	2,520	40	21	20
CT1ILT	345,420	1,927	60	40
CT2JBG	1,632	34	16	40
CT2ITR	132,516	819	54	80

**Azores**

CU6AY	169,167	532	107	B
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CR2A (OH8NC, op)					DL5MEV	103,305	356	97	C
	435,174	2,383	61	15	DJ2ST	70,104	267	92	C
CR2X (OH2BH, op)					DH1PS	59,400	225	90	C
	469,944	2,575	61	40	DL2VK	56,592	269	72	C
					DL6EZ	54,810	262	70	C
					DF2LH	51,282	222	77	C
<b>Fed. Rep. of Germany</b>					DF1LON	32,319	171	63	C
DL4VCG	1,980	30	22	A	DJ1XT	21,576	118	62	C
DR4G (DJ0GM, op)					DF9LJ	19,602	123	54	C
	90,552	309	98	B	DF2AJ	14,310	91	53	C
DL0NG (DK8NC, op)					DL5ST	13,992	89	53	C
	52,632	204	86	B	DK7AN	13,110	97	46	C
DJ6OZ	40,608	191	72	B	DG1CMZ	10,857	79	47	C
DL3VZL	28,329	135	71	B	DG1LS	7,452	76	36	C
DL3ZAI	19,656	123	56	B	DC1JAG	6,435	66	33	C
DL1NKS	12,816	89	48	B	DL2AMD	4,437	53	29	C
DK4WF	12,402	78	53	B	DL6DVU	4,200	56	25	C
DL5RK	9,180	86	36	B	DH2PC	3,330	39	30	C
DL1VJL	7,128	67	36	B	DJ2YE	2,064	43	16	C
DJ8EW	6,039	62	33	B	DL9LF	1,152	24	16	C
DH8BQA	5,460	52	35	B	DL2HUC	198	11	6	C
DL4RAT	5,115	57	31	B	DK6XZ (E77XZ, op)				
DM3PKK	4,374	54	27	B		65,274	476	46	15
DM9JM	3,480	43	29	B	DF9ZP	62,514	457	46	15
DL1ARD	3,240	41	27	B	DL1Z (DF3KV, op)				
DK7GH	3,198	42	26	B		61,335	439	47	15
DL7TJ	2,100	38	20	B	DL1YD	37,734	333	38	15
DF9FS	1,980	36	20	B	DO1HGS	2,244	44	17	15
DF6WE	1,782	28	22	B	DL6DCD	108	6	6	15
DL5AXX	1,680	28	20	B	DD1OPI	60	5	4	A 15
DK7ZH	1,152	24	16	B	DL4WA	45,696	274	56	20
DL9HB	1,125	26	15	B	DJ0MCZ	15,276	137	38	20
DL2IAN	756	21	12	B	DL1DTL	13,653	111	41	20
DC2CT	720	16	15	B	DL5YM	7,548	75	34	20
DJ4PK	663	17	13	B	DD1MAT	6,384	76	28	20
DK3RA	663	17	13	B	DL6KAC	3,096	44	24	20
DL8ZAJ	648	19	12	B	DJ7EC	2,322	43	18	20
DF6YC	486	18	9	B	DL7CK (N1MM, op)				
DD9PS	396	13	11	B		1,215	28	15	20
DL2QT	84	7	4	B	DL8DXF	1,122	22	17	20
DJ2HD	360,045	906	135	C	DF5BM	1,008	24	14	20
DK5JM	134,520	480	95	C					

DH0GDS	1,008	25	14	20	EA1HDD	624	16	13	B
DL9LM	336	14	8	20	EC7DDZ	585	16	13	B
DJ8ES	192	9	8	20	EA3GYE	510	17	10	B
DL7VRG	75	6	5	20	EB3EPP	351	15	9	B
DF3GY	139,536	922	51	40	EA2DNR	330	12	10	B
DJ5AN	20,646	193	37	40	EA5HKA	168	9	8	B
DG1EA	9,450	111	30	40	EB5GIV	144	8	6	B
DF2QZ	2,322	44	18	40	EA3BIP	99	11	3	B
DL7CG	165	11	5	40	EA1DR	1,437,060	2,256	215	C
DL2VSF	126	7	7	40	EA5DFV	1,235,781	2,107	197	C
<b>Bosnia-Herzegovina</b>					EE3R (EA3OR, op)				
E73W (E73O, op)						240,312	656	124	C
	85,932	666	44	15	EA4EER	133,200	446	100	C
E70T	345,216	1,814	64	20	AN1A (EA1AST, op)				
E78DX	4,200	50	28	20		103,206	339	103	C
E77J (YU2EA, op)					EA2CCG	67,440	288	80	C
	882	21	14	20	EA5EV	66,681	240	93	C
E77DX	109,152	764	48	80	EA5AX	59,502	215	94	C
<b>Spain</b>					EA1HOE	34,680	171	68	C
EA3FF	741	21	13	A	EA7IBK	25,938	134	66	C
EA3GP	125,130	495	86	B	EA5IY	3,900	51	26	C
EA1EA	114,777	356	109	B	EA4KD	99,519	681	49	15
EH1K	79,110	296	90	B	EA3ELZ	63,450	471	45	15
EA1CBX	53,946	245	74	B	EA4FSL	43,596	349	42	15
EA4FLY	43,200	192	75	B	EA1YO	26,433	267	33	15
EA3LD	27,972	149	63	B	EA3KT	9,918	115	29	15
EA3NO	26,208	172	52	B	EA5ON	5,106	75	23	15
EA5GIN	20,001	119	59	B	EA3ESJ	3,240	55	20	15
EA3NA	18,900	131	50	B	AO5W (EA5DWS, op)				
EA4FJJ	18,096	120	52	B		675	25	9	15
EA5HJO	12,753	115	39	B	EA5RM/7	205,344	1,121	62	20
EA5AWJ	9,126	79	39	B	EA3AR	184,830	1,016	61	20
EA1APS	8,760	73	40	B	EE2W (EB2BXL, op)				
EA1NE	8,190	71	39	B		178,380	999	60	20
EA7GWA	5,472	55	38	B	ED5T (EA5GS, op)				
EA3ALV	4,800	52	32	B		62,370	391	54	20
EB3FLY	3,384	48	24	B	EA5ASM	8,928	97	32	20
EC4AHH	2,160	36	20	B	EA7LL	279,129	1,586	59	40
EA5CZM	1,140	20	19	B	EE3E	34,848	268	44	40
EA4ESW	663	18	13	B	EA3CI	32,964	271	41	40
					EC1KR	23,415	233	35	40

EA3ATM	1,632	32	17	40
EA3DUM	1,488	31	16	40
EA3FHP	3	1	1	40
EC4AIV	144	8	6	80

**Balearic Islands**

EA6SX	693,750	1,265	185	C
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**Ireland**

EI7CC	23,010	130	59	B
EI4GAB	11,454	83	46	B
EI4II	3,132	40	29	B
EI2CN	71,424	505	48	15
EI4CF	19,008	179	36	15
EI8KB	13,536	150	32	15
EI4GYB	36,801	267	47	20
EI4GXB	1,050	25	14	20

**Moldova**

ER2RM	165	11	5	B
ER3ZZ	9,717	82	41	C

**Estonia**

ES1WST	144	8	6	A
ES5RW	305,613	1,625	63	20
ES4RD	3,864	47	28	20
ES2IPA	780	20	13	20
ES4RX	252	12	7	40

**Belarus**

EU2MM	31,248	169	62	B
EW1EA	6,138	68	31	B
EU1DZ	480	16	10	B
EW5A (EW2AA, op)	171,270	526	110	C
EW8DD	88,266	327	94	C
EW2EO	480	16	10	C
EW6CU	7,296	82	32	20
EW6GF	6,156	77	27	20
EU1DX	2,166	39	19	20
EW8DX	624	18	13	20
EW2TT	462	16	11	20
EU1UN	7,320	124	20	80

**France**

F5BEG	51,600	216	80	A
F8FSK	90	6	5	A
F6DRP	52,074	280	66	B
F5RQQ	22,896	147	53	B
F5GN	20,034	130	53	B
F5LIW	19,500	129	52	B
F5CT	12,285	91	45	B
F5PAL	11,211	101	37	B
F6FDR	8,325	80	37	B
F6EWX	4,950	56	30	B
F4ASK	4,140	48	30	B
F5MLJ	1,428	28	17	B
F8BBL	250,920	693	123	C
F6DZU	163,917	469	117	C
F5UFX	109,125	384	97	C
F4DSK	40,425	177	77	C
F6IIT	21,228	119	61	C
F8DZU	19,398	127	53	C
F5RAB	14,355	87	55	C
TM6M (F1AKK, op)	151,470	922	55	15
TM7F (F6GLH, op)	89,100	596	50	15
TM9R (F5FLN, op)	69,828	512	46	15
F4CPF	2,508	44	19	15
F6KHM (F8DBF, op)	621,696	3,246	64	20
TM5C	583,632	3,092	63	20
F5AMH	79,866	510	54	20
F4FSV	1,485	33	15	20
F4FDA	396	12	11	20
TM0T	166,041	994	57	40
F6IGS	20,910	211	34	80

**England**

M0MCV	35,880	184	65	B
G5G	27,390	186	55	B
M0SDY	13,671	94	49	B
G3RSD	8,316	66	42	B



G3LHJ	7,350	74	35	B
M0AYB	4,320	51	30	B
G6UBM	1,653	31	19	B
G4FFN	1,620	29	20	B
G0FPU	351	14	9	B
M1JJK	72	5	6	B
M0WLF	269,325	954	95	C
G4IUF	40,176	188	72	C
G3LUW	22,302	129	59	C
G0MTN	13,920	118	40	C
G5KC	145,638	849	58	20
M5A	49,056	296	56	20
G0VXE	31,671	211	51	20
2E0WDX	1,275	27	17	20
M0NDZ	1,248	28	16	20
2E0TQR	216	9	8	20
G4NXG	3,300	50	22	40
G8DYT	45,030	399	38	80
M5B (G3WVG, op)	21,000	200	35	80
G0VOK	288	12	8	80
M8M (G3LNP, op)	34,848	268	44	160

**Northern Ireland**

G10KOW	767,961	1,507	171	B
G14AAM	3,726	49	27	B
MI0M (MI0SAI, op)	199,800	766	90	C
MI1SJM	333	37	3	C

**Scotland**

MM0GOR	2,664	38	24	B
GM7V (GM4YXI, op)	1,196,388	2,019	199	C
MM0GPZ	4,959	60	29	C
MM0WNW	99,651	574	59	20
MM0DXH	3,240	45	24	20
GM4UYZ	1,242	24	18	20
MM0SSG	351	13	9	20
GM3PPG (G4BYB, op)	193,662	1,118	58	80

**Guernsey**

MU0FAL	7,137	61	39	B
MU0GSY	2,160	46	16	15

**Wales**

GW4BLE	98,250	659	50	15
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**Hungary**

HA6IAM	3,741	45	29	A
HA5BA	780	21	13	A
HA8BE	264	11	8	A
HA7JQK	900	21	15	B
HA8LLK	11,088	88	42	C
HG10P (HA3MY, op)	72,732	564	44	15
HA8JV	20,691	210	33	15
HG3R	297,741	1,639	61	20
HG7T	80,976	487	56	20
HA8TP	6,570	73	30	20

**Switzerland**

HB9WDY	5,742	59	33	B
HB9BGF	540	17	12	B
HB9AUS	376,704	881	144	C
HB9DHG	67,068	282	81	C
HB9LCW	85,329	500	57	20
HB9TSA	5,376	65	28	20
HB9EDM	1,938	39	17	20
HB9IQP	11,520	134	30	80

**Italy**

IV3AOL	16,650	111	50	A
IK1BBC	13,029	103	43	A
I5KAP	2,838	43	22	A
IK3XTY (IK3XTY/QRP, op)	468	14	12	A
IW1QN	348,777	827	143	B
IT9ESW	81,468	299	93	B
IK0TUM	31,824	156	68	B
I2WIJ	26,130	131	67	B
IZ4EFP	23,352	141	56	B
IZ8JFL	17,808	122	53	B

IZ5MMK	17,748	123	51	B	IK1ZOE	5,022	59	31	C
IU9A	16,611	114	49	B	I4TJE	163,950	1,097	50	15
IK1RGK	15,840	111	48	B	I4LEC	146,559	1,004	49	15
IW1RAX	12,408	90	47	B	IZ4AMS	92,778	662	47	15
IZ2KRZ	7,740	61	43	B	IZ8HXG	81,648	572	48	15
IZ5IMD	6,789	74	31	B	IT9RGY	62,745	455	47	15
IZ5MOQ	4,536	54	28	B	IT9XTP	39,603	309	43	15
IW5ECP	4,200	50	28	B	IT9STX	33,744	298	38	15
I0KHP	4,176	48	29	B	IR8W (IZ0EYP, op)				
IZ5OQX	4,056	56	26	B		11,424	140	28	15
IZ2LQD	3,762	60	22	B	IZ3NVR	4,617	83	19	15
IZ8FTW	3,750	51	25	B	IZ2ODM	3,960	63	22	15
IW7DEC	2,997	39	27	B	IK8UND	2,754	54	17	15
I4VIL	2,970	47	22	B	IT9LED	660	23	10	15
IW4EQI	2,583	41	21	B	IK2EBP (@IK2EBP, op)				
IZ5PQT	2,244	36	22	B		180	10	6	15
IK3ORD	2,040	35	20	B	IO3N (IV3ZXQ, op)				
I1RCK	1,680	29	20	B		277,641	1,478	63	20
IK3PQG	1,296	26	18	B	IR2M (IZ2FDU, op)				
IZ2JPN	1,260	29	15	B		200,880	1,136	60	20
IZ8LIP	693	22	11	B	IK8HCG	136,620	763	60	20
IZ5FFI	630	15	15	B	IZ5MMB	78,894	505	54	20
IZ8DGR	432	17	9	B	IQ1TO	37,908	246	52	20
IZ3GKI	216	9	9	B	IV3JCC	33,840	244	47	20
IK2IKW	126	7	6	B	IK4ALM	26,064	190	48	20
IK7JTF	114,576	351	112	C	IZ8BGY	12,882	116	38	20
IR4E	72,930	289	85	C	IT9BLB	12,312	114	36	20
IW0HLZ	36,432	187	69	C	IZ8EFD	11,280	98	40	20
IK4DCX	29,040	183	55	C	IZ2DII	11,130	107	35	20
IV3AVQ	27,060	167	55	C	IZ2JQP	9,384	93	34	20
IW0GTA	26,520	139	65	C	IK8HTM	4,860	65	27	20
IZ3GNG	21,576	118	62	C	IK4SPB	4,680	54	30	20
IK2RGT	19,890	130	51	C	IZ0RCP	4,500	63	25	20
IK0UTM	15,582	102	53	C	IK1MNG	2,850	50	19	20
IZ1JLN	15,264	97	53	C	IW9FI	2,205	37	21	20
IZ8ESX	13,392	94	48	C	IZ2JCD	1,440	30	16	20
IZ2GMT	8,214	75	37	C	IZ3ALW	570	19	10	20
IK5FKF	6,831	69	33	C	IZ2EWR	45,000	380	40	40
IZ3QHA	6,336	64	33	C	IZ1NBX	1,440	32	15	40
IZ1CQZ	6,210	70	30	C	IO5A	30,552	275	38	80
IZ5ILK	5,280	55	32	C	I1NVU	5,700	76	25	80

I4FYF 13,860 146 33 160

**Norway**

LA7GNA 5,400 61 30 B  
 LA9VPA 429 13 11 B  
 LA8OKA 60 5 4 B  
 LA3S (LA3BO, op)  
 91,758 379 82 C  
 LB9RE 741 19 13 C  
 LA9TJA 390 14 10 15  
 LN9Z (LA5KO, op)  
 331,962 1,822 61 20  
 LA7RRA 1,683 34 17 20  
 LA1ORA 270 11 9 20  
 LA7WCA 1,302 31 14 40  
 LA9Z (LB1G, op)  
 23,136 245 32 80  
 LA2XPA 3,480 58 20 80

**Luxembourg**

LX7I (LX2A, op)  
 2,608,290 3,983 219 C

**Lithuania**

LY4L 324 12 9 B  
 LY2J 1,887 39 17 C  
 LY7M 594 18 11 C  
 LY2TS 11,655 114 35 20  
 LY2BBF 1,260 29 15 20  
 LY2RJ 693 22 11 20  
 LY3BY 540 20 9 20  
 LY1G 10,752 133 28 80  
 LY2SA 1,134 27 14 80  
 LY2OU 144 8 6 160

**Bulgaria**

LZ2FQ 5,766 63 31 B  
 LZ5XQ 4,212 55 27 B  
 LZ4TL 2,640 47 20 B  
 LZ1DM 2,376 36 22 B  
 LZ3CB 432 16 9 B  
 LZ2SX 180 10 6 B  
 LZ9W (LZ1ZD, op)  
 529,920 1,415 128 C

LZ5K 144,585 781 63 C

LZ2JR 45,000 204 75 C

LZ8E (LZ2BE, op)

13,680 99 48 C

LZ1VVV 12,561 95 53 C

LZ2PL 12,015 92 45 C

LZ1SDR 3 1 1 C

LZ2JA 4,092 64 22 15

LZ1DNY 36 4 3 15

LZ9X (LZ1RB, op)

48,888 298 56 20

LZ1YG 5,940 72 30 20

LZ8A 5,124 65 28 20

LZ5Z (LZ3DJ, op)

432 18 8 20

LZ2FM 288 12 8 40

LZ2UW 0 0 0 40

**Austria**

OE3JTB 20,100 139 50 B

OE9MON 297,501 763 131 C

**Finland**

OH1BOI 8,856 82 36 B

OH8X (OH6UM, op)

1,577,166 3,176 166 C

OG1M (OH1VR, op)

81,921 333 83 C

OH6RE 36,234 184 66 C

OH1RX 19,716 127 53 C

OH8L (OH8LQ, op)

400,680 2,131 63 20

OH2LP 1,785 36 17 20

OH2KI 3 1 1 20

**Czech Republic**

OK2BYW 65,286 236 93 A

OK1DVM 18,468 111 57 A

OK2BFN 31,737 153 71 B

OK6Y (OK2PTZ, op)

21,594 123 59 B

OK1SI 21,168 126 56 B



PB7XYL	4,704	52	32	B	S57U	7,920	80	33	20
PA5YL	4,263	49	29	B	S50O	74,580	465	55	40
PA2CVD	3,519	52	23	B	S51CK	10,881	120	31	40
PB2JJ	3,375	46	25	B	S59EIJ	450	15	10	40
PA7PYR	2,016	33	21	B	S59T	294	14	7	40
PA3ELQ	1,836	34	18	B	S56DX	288	12	8	40
PA3ARM	1,530	30	17	B	S53DIJ	210	10	7	40
PA0RRU	1,344	28	16	B	S59N	8,829	110	27	80
PA3GEO	1,071	23	17	B	S56P	25,992	229	38	160
PA3AQL	1,056	24	16	B					
PA1BBO	759	24	11	B					
PA3CMF	510	17	10	B					

PI4DX (PD1DX, op)

	687,192	1,526	152	C
PA1NHZ	150,858	586	87	C
PA3AAV	49,302	250	66	C
PA0JNH	40,560	176	80	C
PA9DD	17,748	104	58	C
PA0VST	5,355	52	35	C
PA5A	132,492	734	61	20
PA3S	69,216	416	56	20
PA2C	16,113	132	41	20
PA1AW	9,588	95	34	20
PD1TV	6,840	76	30	20
PD3ALX	5,544	68	28	20
PE2KP	3,600	55	24	20
PD0EMR	3,102	52	22	20
PD3GSN	2,040	41	17	20
PD1JP	1,980	35	20	20
PD1X	1,860	34	20	20
PD0HD	1,440	32	16	20
PE1OIW	12	2	2	40

**Slovenia**

S56A	40,338	166	81	B
S53F	4,089	47	29	B
S53O	969,804	1,792	186	C
S53MM	31,683	181	59	C
S52OP	1,218	29	14	15
S50K	442,680	2,396	62	20
S53M (S51FB, op)				
	36,450	247	50	20

**Sweden**

SK3GM (SM3VAC, op)

	22,110	134	55	B
SM7CQY	17,967	115	53	B
SM3EAE	7,488	79	32	B
SE6Y (SM6DED, op)				
	7,038	69	34	B
SM7RPU	6,936	69	34	B
SM5ACQ	6,930	70	33	B
SM5DQE	5,742	69	29	B
SA3V	5,655	66	29	B
SJ7M	5,580	62	30	B
SM5QU	4,956	62	28	B
SM5CSS	4,437	52	29	B
SM5D (SM5DJZ, op)				
	3,864	47	28	B
SG0M	1,275	25	17	B
SK6BA	378	14	9	B
SM3RAB	140,448	535	88	C
SLOW (SM0AJU, op)				
	125,928	645	66	C
SM5CEU	79,299	302	89	C
SM6BGG	64,218	282	77	C
SM7DLK	62,475	252	85	C
SJ2W (SM3WMMU, op)				
	190,869	1,046	61	20
8S0C (SM0MPV, op)				
	161,262	874	62	20
SE5S	4,788	58	28	20
SA4A (SM4PBT, op)				
	2,331	37	21	20

SM6AHU	1,734	34	17	20	SQ3OGZ	5,265	69	27	20
SM6C	1,008	25	14	20	SN7P (SQ7NHT, op)				
SA3BGM	198	11	6	20		4,212	56	26	20
SM7PEV	780	26	10	40	SN1C (SP1RFC, op)				
						3,900	54	25	20
<b>Poland</b>					SQ6NEJ	2,553	37	23	20
SP8LXE	4,050	52	27	A	3Z80PZK (SP4Z, op)				
SP4LVK	19,152	113	57	B		2,520	42	20	20
SQ8JX	14,469	93	53	B	SP3FYX	2,400	44	20	20
SQ8LSC	11,700	82	50	B	SQ7OTB	2,400	42	20	20
SP6RYD	10,584	86	42	B	SP5DRE	2,295	45	17	20
SQ5EBM	8,322	73	38	B	SP5BNB	1,326	26	17	20
SP3ZIR (SQ3JPV, op)					SQ3OGP	720	21	12	20
	6,324	63	34	B	SQ5NBE	216	12	6	20
SP2QOT	5,832	55	36	B	SP5APW	75	5	5	20
SP3SPK	4,050	45	30	B	SQ9HZM	26,082	213	42	40
SP8BQL	3,600	51	25	B	SP3BHG	16,533	171	33	40
SQ6LJV	1,296	27	16	B	SP5AUY	15,435	151	35	40
SP9AUJ	12	2	2	B	SP4SHD	3,168	49	22	40
SP9LJD	1,509,651	2,445	207	C	SP6DVP	1,440	30	16	B 40
SP5IT	67,260	240	95	C	SP9RQH	408	17	8	40
SP4Z	61,983	295	71	C	SO8T (SP8TJU, op)				
SP9JZT	52,920	248	72	C		390	15	10	40
SN4W	1,092	29	14	C	SQ8JLN	189	9	7	40
SO6X (SP6IXF, op)					SP9DEM	189	10	7	40
	8,448	128	22	15	SO8R (SQ8JLA, op)				
SO9C (SQ9CNN, op)						37,506	335	38	80
	4,620	78	20	15	SO2I (SP2EKL, op)				
SP1GZF	1,665	39	15	15		21,216	212	34	80
SP9CLU	189	9	7	15	SN2M (SP2XF, op)				
SP9KRT (SP9ADU, op)						1,632	35	16	80
	135	9	5	15	SP8DIP	216	14	6	80
SN2B (SP2WKB, op)					SP5CJY	288	12	8	160
	426,006	2,264	63	20					
SP3GXH	60,480	336	60	20	<b>Greece</b>				
SQ6OXC	36,192	237	52	20	SV2CUU	3	1	1	B
SP2GJI	18,216	139	44	20	SV2GJV	43,542	180	82	C
SP4KNA	17,415	138	43	20	SV1JGX	41,769	238	63	C
SP8NR	13,800	116	40	20	SZ6P (SV1BJW, op)				
SP2GTJ	9,078	96	34	20		20,976	157	46	20
SP8CGU	6,660	76	30	20	SV2YC	594	19	11	20

**Dodecanese**

SV5DKL 2,100 35 20 C

**Crete**

SV9COL 52,398 214 82 C

**Iceland**

TF3CY 3,444 44 28 B

TF3SG 13,464 134 34 C

TF3CW 243,900 1,364 60 20

**Kaliningrad**

RV2FZ 64,176 387 56 20

RW2F (UA2FB, op)  
163,611 1,041 53 40**European Russia**

RA3WCG 12 2 2 A

UA6LPY 28,728 153 63 B

UA3BL 21,054 122 58 B

RV3YR 10,200 86 40 B

RV1CB 7,446 75 34 B

RW1CX 6,417 70 31 B

RD6LP 5,220 60 29 B

RU3AT 3,483 44 27 B

RZ3ABC 3,168 46 24 B

UA1CUR 1,767 34 19 B

RN1AO 1,536 33 16 B

RU3SE 1,350 31 15 B

RX3MX 1,176 28 14 B

RA4ACX 726 22 11 B

RA6LOO 486 18 9 B

RA4FUN 378 14 9 B

UA3AGW 83,640 349 82 C

RJ3AA 73,704 299 83 C

RW1CW 71,808 273 88 C

RN3ZC 53,760 266 70 C

RA3BT 14,076 106 46 C

UA6LCN 13,524 96 49 C

RA3EG 12,384 96 43 C

RA3TT 5,670 64 30 C

RX6CC 5,088 60 32 C

RA3UT 3,450 46 25 C

RU3KC 2,640 43 22 C

RA3NC 1,530 33 17 C

UA3DW 1,458 28 18 C

UA3AQB 1,404 26 18 C

RW3DD 1,296 27 16 C

RW4PY 450 16 10 C

UA1AQA 432 17 9 15

RZ1ZZ 237,150 1,285 62 20

RA3QPY 152,790 945 55 20

RV3FF 129,564 717 61 20

RV2FW/1 35,427 245 49 20

RX6AM 30,870 212 49 20

RL3AW 19,740 142 47 20

UA1AFZ 15,678 139 39 20

RV3LO 13,080 111 40 20

RU3FN 12,996 114 38 20

UA3VVB 10,185 99 35 20

UA3QOS 7,425 77 33 20

RN4HFJ 6,438 75 29 20

UA6ARR 4,860 61 27 20

RN6AH 3,900 50 26 20

RZ6HF 3,000 50 20 20

RX3AU 2,508 39 22 20

RW6HJV 2,295 49 17 20

RA3NK 1,968 41 16 20

RW4LQ 1,170 31 13 20

RZ3AIA 912 23 16 20

RW3AI 288 12 8 20

RA3DGH 231 11 7 20

RV3IC 210 10 7 20

RK4PB 18 3 2 20

RU4SO 9 3 1 20

RA6ABC 9,765 107 31 40

RL3KQ 693 24 11 40

RK6BBZ 528 17 11 40

RW6CW 312 13 8 80

UA3LHL 60 5 4 80

RU1AB 48 4 4 80

**Ukraine**

UR5AS 102,588 348 103 B

UT3EG	3,360	43	28	B
UX7U	2,040	40	17	B
UT5JCE	1,326	26	17	B
UU2JG	1,248	27	16	B
UR5EPG	1,242	23	18	B
US5IND	330	11	10	B
UY2RZ	126	7	7	B
UV5U (UX1UA, op)				
	105,051	361	97	C
UW5Q (UR3QCW, op)				
	21,573	157	47	C
UT2UU	13,113	94	47	C
UX5UO	12,255	97	43	C
UR7EP	1,242	24	18	C
UT7LA	378	18	7	C 15
UR2VA	180	10	6	15
UZ0U (UY5ZZ, op)				
	241,800	1,311	62	20
US5D (UT7DX, op)				
	185,013	1,030	61	20
UW0K (US0KW, op)				
	120,240	671	60	20
UW5ZM	99,297	568	59	20
UY4WWA (UR5WMM, op)				
	14,274	128	39	20
UX0UW	9,900	101	33	20
US1PM	4,650	64	25	20
UR5ZVJ	4,200	54	28	20
UT3RN	3,795	58	23	20
UT4MW	1,653	30	19	20
UX2KA	828	23	12	20
UW2Q (UR6QS, op)				
	180	10	6	20
UW2I	29,859	277	37	40
UR5IFX	28,782	241	41	40
UR7TZ	5,082	80	22	40
UU2CW	1,734	34	17	40
UT5PY	1,176	30	14	40
UX2X (UT2XQ, op)				
	62,568	480	44	80

**Latvia**

YL3DR	9,120	80	38	C
YL3BZ	75	5	5	B 15
YL2BJ	157,563	870	61	20
YL3FT	96,480	547	60	20
YL2TB	6,240	81	26	20
YL2IP	1,275	26	17	20

**Romania**

YO4AAC	297	11	9	A
YO3CZW	112,236	408	94	B
YO3APJ	68,136	338	68	B
YO9IKW	7,548	74	34	B
YO2MIL	3,444	43	28	B
YO5BXI	2,622	40	23	B
YO4US	2,160	39	20	B
YO2LIM	2,100	35	20	B
YO8RZJ	378	14	9	B
YO9HG	108	6	6	B
YR2TM	48	4	4	B
YO7LCB	50,997	192	89	C
YO9HP	15,570	174	30	15
YO2RR	6,363	103	21	15
YO8WW	2,142	45	17	15
YO4SI	1,482	39	13	15
YO4FTC	891	29	11	15
YO4DW	25,344	182	48	20
YO3ZA	14,190	113	43	20
YO4RST	2,160	36	20	20
YO2LXW	48	4	4	20
YO5CTY	1,305	31	15	40
YO2MJZ	1,053	28	13	40
YO2MHJ	378	15	9	40

**Serbia**

YU1AAV (YT1CC, op)				
	21,033	126	57	B
YU2A	16,023	111	49	B
YU1CC	14,946	94	53	B
YU1PJ	10,332	82	42	C
YU5A (YU1EW, op)				
	104,622	745	47	15



YT7Z (YU7EE, op)  
 26,433 272 33 15  
 YT5CC 5,610 86 22 15  
 YT8WW 139,872 771 62 20  
 YT7DQ 139,320 782 60 20  
 YU1UN 110,700 623 60 20  
 YU1DW 104,139 622 57 20  
 YU7KM 4,050 55 25 20  
 YU1AST (YT2B, op)  
 1,050 25 14 20  
 YT8A (YU1EA, op)  
 257,040 1,541 56 40  
 YT0W 152,847 1,013 51 40  
 YT5C (YU7ZEX, op)  
 115,650 778 50 40  
 YT4A 897 24 13 80  
 YT7AO 3 1 1 80

**Macedonia**

Z35T 88,245 559 53 40

**North America****Jamaica**

6Y9V (WE9V, op)  
 6,819,318 7,520 303 C

**Barbados**

8P6EX 1,571,994 2,063 258 B  
 8P5A (W2SC, op)  
 7,951,068 8,005 332 C

**Bahamas**

C6AMM (K1CN, op)  
 27,384 163 56 B  
 C6ALT 49,500 333 50 20  
 C6AWL (RA3CO, op)  
 199,125 1,130 59 80

**Martinique**

TO5A 3,886,035 4,436 295 C  
 FM5AN 20,502 135 51 C

**Dominican Republic**

HI3TEJ 3,488,265 4,497 261 B  
 HI3FVA 708 79 4 B

HI8PJP 29,040 256 40 20

**Panama**

HP3FTD 3,108 37 28 B

**Honduras**

HQ2W (HR2DMR, op)  
 304,674 993 103 B  
 HQ2T (K2BB, op)  
 334,341 1,778 63 20  
 HQ9R (WQ7R, op)  
 180,747 1,066 57 40

**Grenada**

J37K (AC8G, op)  
 186,006 1,082 58 15

**Dominica**

J7Y (K1LI, op)  
 2,315,328 3,126 248 B

**St. Vincent**

J88DR (G3TBK, op)  
 2,653,224 3,741 238 B

**Alaska**

WL7BDO 44,250 254 59 B  
 AL1G 342,720 1,125 102 C  
 KL7OU 86,832 613 48 40

**Virgin Islands**

KP2DX (KP2BH, op)  
 6,480 61 36 B  
 KP2M (N2TK, op)  
 4,897,830 5,819 281 C

**Puerto Rico**

WP3GW 5,742 59 33 B  
 NP4G 59,823 396 51 20  
 NP3QE 13,563 139 33 20

**Greenland**

OX2A (OX3KQ, op)  
 367,098 1,004 122 C

**St.Maarten Saba St.Eustatius**

PJ7B (W8EB, op)  
 42,903 231 63 B  
 PJ7MF 780,291 1,451 181 C

**Guatemala**

TG9ANF 323,826 1,751 62 20  
 TG9ADQ 89,100 552 55 20

**Antigua & Barbuda**

V26M (N3AD, op)  
 3,032,010 3,480 295 B

**Montserrat**

VP2MPR (W1USN, op)  
 113,406 464 82 B

**Bermuda**

VP9/W6PH (W6PH, op)  
 2,860,164 3,364 284 B

**Mexico**

XE2ANT 404,040 1,057 130 B  
 XE1L 203,280 1,222 56 15  
 XE1TD (XE1GRR, op)  
 39,942 317 42 15  
 XE1ZTW 10,752 113 32 15  
 XE1GRR 510 17 10 160

**Cayman Islands**

ZF2AH 431,100 2,420 60 40

**Oceania****Philippines**

DV1JM 15,531 169 31 B  
 DU1BP 66,990 297 77 C  
 DU1AV 20,304 191 36 20  
 DU1JI 2,088 59 12 20  
 DX9M (DV9XO, op)  
 3,393 88 13 40  
 DU7RH 432 16 9 40  
 DW3KWM 24 8 1 40

**French Polynesia**

FO8RZ 29,382 168 59 C

**Guam**

KH2JU 401,547 987 137 C  
 KG6DX 8,658 79 37 C

**Hawaii**

KH7T 652,344 1,416 154 B  
 NH6AB 11,340 114 36 B  
 KH7XS 6,244,950 6,732 310 C  
 NH7PE 12 2 2 B 10  
 KH7Y 431,640 2,419 60 15  
 AH6NF 819 21 13 15  
 AH7C 138,171 871 53 20  
 NH6WZ 33,660 256 44 20  
 KH6LC (NH6V, op)  
 211,731 1,158 61 80  
 KH6QJ 324 12 9 80

**Australia**

VK4ATH 2,310 35 22 A  
 VK4HAM 22,152 142 52 B  
 VK2HBG 5,145 52 35 B  
 VK4XES 2,442 38 22 B  
 VK2VTH 1,914 30 22 B  
 VK6FDX 966 23 14 B  
 VK7AD 420 14 10 B  
 VK3IO 115,416 460 84 C  
 VK4GH 1,539 28 19 C  
 VK4EJ 28,659 237 41 15  
 VK4FJ 8,928 124 24 15  
 VK3NI 90,072 558 54 40  
 VK3VTH 2,166 40 19 40

**Indonesia**

YB1TJ 3,528 56 21 B  
 YB1UUN 3,300 55 20 B  
 YC5VB 2,898 70 14 B  
 YC3TKH 1,728 34 18 B  
 YB0MWM 1,440 40 12 B  
 YC1FWO 441 22 7 C  
 YC0NSI 4,914 120 14 15  
 YB2OK 378 18 7 A 15  
 YC1DYY 81 9 3 15

YC1BRS	54	7	3	15
YC2LEV	270	17	6	40
YC1RHS	24	4	2	40
YE1ZU (YD1TNK, op)				
	3	1	1	40

**New Zealand**

ZL2MM	1,479	29	17	B
ZL1ALZ	26,367	191	47	C
ZM3T (ZL3TE, op)				
	12,180	140	29	20

**South America****Trinidad & Tobago**

9Y4D	290,346	1,593	62	20
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**Chile**

CE2WZ	74,925	559	45	10
XQ4CW	48	4	4	10
CE1UGE	86,625	528	55	15
CE3DNP	28,077	197	49	20

**Bolivia**

CP1FF	41,850	281	50	20
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**Uruguay**

CX4DX	39,663	345	39	10
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**Ecuador**

HC1HC	379,908	2,103	61	15
HC2GF	224,982	1,354	58	15
HC1JQ	21,672	173	42	20

**Colombia**

HK6P	653,913	1,077	207	B
HK3/KC2LSD	421,650	990	150	C
HK3JJH	316,383	668	163	C
HK1NK	99,693	595	57	80

**Argentina**

LU7HW	619,164	1,337	156	B
LU5FF	600,660	1,430	141	B
LW5EE	213,435	771	93	B
LU5CAB	161,082	496	114	B
LW1HR	88,725	334	91	B
LU5MT	73,707	325	79	B

LU7MCJ	63,294	277	77	B
LU8DY	16,104	126	44	B
LR1A	2,808	36	26	B
LW3DG	702	18	13	B
L73DX	27	3	3	B
L44DX (LU3DX, op)				

	864,546	1,650	178	C
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LW3DC	510,120	1,101	156	C
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AY8A (LU8ADX, op)				
	68,625	307	75	C

LU1HF	255,696	1,540	56	10
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LR2F	202,608	1,219	56	10
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LU1UM	103,509	657	53	10
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LU6FOV	93,330	613	51	10
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LW7H (LW7HT, op)				
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	26,400	223	40	10
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LT0D	19,845	189	35	B 10
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LO7D (LW1DRH, op)				
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	759	23	11	10
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LP2F (LU1FDU, op)				
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	558,699	3,080	61	15
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AY5F	325,008	1,790	61	15
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LQ5H	192,204	1,140	57	15
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LW3DN	71,604	487	51	15
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LU4WG	55,860	381	49	15
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LU1QAH	40,716	263	52	15
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LU/N5KO (@LU6ETB, op @)				
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	15,960	133	40	20
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LU6FT	630	16	14	20
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LU2DVI	1,248	26	16	160
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**Aruba**

P40A (KK9A, op)				
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	5,510,736	5,987	308	B
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P43E	415,410	1,139	122	B
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**Netherland Antilles**

PJ2T (WB9Z, op)				
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	6,554,676	6,622	332	C
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**Brazil**

PU5ATX	4,536	76	21	A
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PY2BN	4,500	54	30	A	PY1KN	266,448	1,470	61	15
PY1ZV	250,614	851	102	B	PY3FOX	264,261	1,513	59	15
PY7ZY	195,873	601	109	B	PY1NB	226,980	1,265	60	15
PY7VI	42,687	287	51	B	ZV2C (PY2CX, op)				
PY2MPG	39,960	187	72	B		147,060	866	57	15
PY2DEZ	21,168	171	42	B	PY2TIM	114,408	688	56	15
ZV2K (PY2SHF, op)					PY2ZR	81,162	512	54	15
	2,223	42	19	B	PY2SEI	54,378	353	53	15
PY5LF	1,170	27	15	B	PY2YP	48,150	323	50	15
PY5AP	468	13	12	B	PY2BRA	47,808	341	48	15
PY2IQ	60	5	4	B	PV8DR	40,434	302	46	15
PY2DEL	27	3	3	B	PS8DX	37,260	278	45	15
PY5GN (PU5UAI, op)					PY7GK	864	26	12	15
	12	2	2	B	PY2MTV	242,730	1,331	62	20
PP1CZ	457,449	1,119	139	C	ZY2C (PY2ADR, op)				
PP5JY	91,962	405	78	C		170,100	951	60	20
PY5KA	74,184	287	88	C	PY2NY	131,688	748	59	20
PY1RY	73,470	313	79	C	PY5ZHP	96,396	560	58	20
PU5FJR	50,799	418	41	C	PY5QW	89,610	520	58	20
PY1SX	3,042	40	26	C	PP2RON	50,796	341	51	20
PV8AA	1,242	24	18	C	PR7AR	44,394	312	49	20
PY2ZXU	83,556	635	44	10	PY2KJ	8,568	84	34	20
PU5OGE	81,075	590	47	10					
PY2MTS	63,624	485	44	10	<b>Suriname</b>				
PU2LEP	46,242	367	42	10	PZ5RA	2,459,646	3,384	243	C
PU5BIA	37,800	309	42	10					
PU2KLM	20,202	186	37	10	<b>Venezuela</b>				
PU9OSB	18,879	221	29	10	YV5KG	1,535,655	2,334	227	C
PY2XTA	9,996	122	28	10	YV5IAL	34,200	302	38	15
PU2SDX	8,748	109	27	10	YY1OKR	18,120	158	40	15
PU5AAD	5,820	101	20	10	YV5OK	148,680	855	59	40
PU2UTC	1,428	31	17	10	YW5T	99,000	617	55	40
PY2XC	210	11	7	10	YV5MSG	113,190	694	55	80
PU1LND	48	4	4	10	YV6BXN	85,542	547	53	80
PU5UAI	27	3	3	10					
PU4HUD	18	3	2	10					
PU1MKZ	6	2	1	10					
PY5VBP	3	1	1	10					
ZX5J (PP5JR, op)									
	588,504	3,188	62	15					
PY2BK	398,574	2,209	61	15					

**Single Operator Assisted****Africa**

EA8BZH	22,518	141	54
EA8/EA4SV	1,260	29	15

**Asia**

RA0FU	418,950	1,238	114
JF2QNM	191,436	606	106
XU7ACY	55,932	325	59

JO1WKO	55,704	213	88	EA1XT	255,348	700	123
JF9JTS	45,384	249	61	G3YYD	232,776	741	106
UA0SE	35,550	238	50	PA3FQA	226,512	585	132
UA9MC	34,788	225	52	OT2A (ON4HIL, op)			
JA1XRH	31,878	157	69		186,558	1,021	62
UA0SJ	29,430	225	45	DL0WW	183,768	993	62
7Z1SJ	18,720	160	39	SM6U	182,817	1,005	61
5B4AFM	10,656	100	37	EF1W (EA1WS, op)			
JH2FXK	7,752	68	38		160,368	519	104
RN0SA	4,743	51	31	IW2MZX	155,568	469	112
JA3PYC	4,446	57	26	OK1DO	152,700	514	100
JK2VOC	3,087	49	21	YP3A (YO3GOD, op)			
UN9PQ	1,836	34	18		121,422	693	59
UA9QCZ	1,215	27	15	PA0LOU	115,551	352	111
HZ1DG	1,071	22	17	EA3DW	113,475	433	89
RX9AM	1,008	22	16	YQ6A (YO6BHN, op)			
DS5DNO	828	23	12		108,990	351	105
BA4SD	627	20	11	F5CQ	102,708	320	108
RW9QA	495	15	11	EA1WX	99,792	436	77
UA9MA	360	12	10	DK4WA	94,482	363	87
BG4AHD	216	13	6	DJ9MH	94,302	343	93
RX0QA	81	9	3	DL4CF	91,080	510	60
				DJ7YP	91,008	321	96
<b>Europe</b>				PD1RP	80,619	357	77
OM3GI	2,781,300	3,685	254	ON5ZO	75,570	458	55
OE3K	2,532,360	3,613	235	S54O	74,790	282	90
IR4M	2,397,720	3,463	232	IZ5EBL	70,950	554	43
OK4U (OK1DIG, op)				HA5PT	65,016	257	86
	1,875,750	3,072	205	IK2ANI	63,840	268	80
S57DX	1,548,021	2,617	199	RX3AGD	62,451	260	81
DK4YJ	1,195,404	2,049	196	ON4VDV	62,211	235	89
GW9T (MW0ZZK, op)				IR1K (IZ1DNJ, op)			
	1,033,767	1,926	183		60,720	462	44
EA7RU	879,087	1,587	187	HG0R (HA0NAR, op)			
DJ1AA	584,823	1,298	151		57,420	440	44
IZ2FOS	468,006	1,031	154	OH6K (OH6VM, op)			
MD0CCE	424,008	916	156		53,562	229	79
DK0PM (DH2PC, op)				IZ0GYP	50,820	221	77
	285,246	911	106	DL8OH	47,886	356	46
OM2IB	279,372	1,514	62	DL8SCG	44,712	185	81
EI9HX	262,521	1,396	63	SM2WMV	41,463	272	51

RN3T (RN3TE, op)				RO4W (RD4WA, op)			
	39,156	253	52		10,680	91	40
F4FFH	39,000	258	52	DL2SAX	10,668	131	28
LZ3FN	35,400	201	59	SP6FXY	10,647	91	39
DL2SWN	35,055	205	57	ON7ON	10,044	96	36
YL2KO	33,735	174	65	F4FHV	9,435	88	37
PA0M	32,670	165	66	PA5O	7,560	74	35
DK5DC	30,660	143	73	PA5KT	7,524	66	38
IK3SCB	30,456	188	54	EW7BR	7,488	79	32
YR0R (Y03HKW, op)				SP6IHE	7,209	93	27
	28,914	163	61	PF1MO	7,068	76	31
UT3UA	28,440	161	60	PE1FTV	7,020	66	36
SM0GYX	27,612	163	59	DQ5T (DL4LAM, op)			
DL1OLI	25,311	148	59		6,528	68	32
OK1TD	25,116	163	52	DL9HD	6,138	62	33
DH4PSG	24,948	134	63	HA3LI	5,865	86	23
IZ5ASZ	24,534	143	58	RU4WD	5,775	60	35
DL5ZB	23,790	123	65	DK1QH	5,412	85	22
UA3MKT	23,691	153	53	LN7AZ (LA6FJA, op)			
RK3DH	22,572	133	57		4,992	52	32
RA3NF	21,726	143	51	UA1NFA	4,872	58	29
ES2BH	21,609	149	49	ES5TF	4,872	61	28
YO5AM	21,042	171	42	EB3CML	4,293	57	27
DK3KD	20,358	120	58	EA3CEC	4,092	62	22
UA6AA	19,875	125	53	PA7RA	3,822	49	26
SF7WT	19,824	119	56	ER3CT	3,816	54	24
SV1DPI	19,494	115	57	UT8IM	3,696	47	28
IZ4AFW	19,080	120	53	DL1DBR	3,450	46	25
DK1AX	16,830	112	51	LA9TY	3,276	39	28
RA1AR	15,840	111	48	PA0MJM	3,132	41	29
DL5LS	15,120	119	45	SO9G (SP9DTE, op)			
TF3AO	14,076	105	46		2,967	43	23
HB9OCR	12,978	107	42	IK2GZU	2,784	33	29
SM6E	12,285	107	39	DO4DXA	2,700	50	18
S51DX	12,285	92	45	DP6A	2,340	42	20
SE5E (SM5AJV, op)				F8DFP	1,944	36	18
	12,240	102	40	IO3R	1,920	32	20
IZ6NCN	12,144	91	46	RD1AW	1,404	29	18
DJ2YA	11,703	85	47	RX3DBG	924	28	11
SM2EKA	11,439	94	41	YO9XC	660	20	11
DJ4MZ	11,040	92	40	EW8OM	420	15	10

RA1QD	390	15	10
SV1NK	288	13	8
DL3DRN	270	10	9
DL/OZ1MDX (OZ1MDX, op)			
	231	11	7
UA4FCO	216	12	6
S51JQ	180	21	3
RU3DM	150	10	5
DK6RS	96	16	2
UA2FT	48	4	4

**North America**

J7N (K3TEJ, op)			
	4,058,577	4,684	291
NP2KW	1,200,114	2,232	183
AL9A	872,067	2,226	131
WP4SK	653,856	1,962	112
J68JA	199,920	503	136
KV4FZ	104,574	612	58
XE1EE	95,526	374	87

**Oceania**

ZL1BYZ	148,248	570	87
VK8PDX	28,275	145	65
ZL3GA	300	10	10

**South America**

LT1F (LU1FAM, op)			
	2,728,818	3,847	237
ZX2B (PY2MNL, op)			
	1,928,004	2,921	221
CE1TT	738,906	1,703	146
YV5EAH	678,480	1,302	176
CW7T	422,565	992	143
PY4OG	167,040	938	60
PW2B	165,240	924	60
PY2VZ	103,329	396	89
PY3OPP	89,208	537	56
PV2P (PY2DY, op)			
	59,148	378	53
LT4S	17,391	190	31
PY2AC	13,500	93	50

PU1KGG	9,525	127	25
LU3JVO	6,210	91	23
LU6QI	2,580	45	20
PY4XX	2,244	35	22
PY1CJ	855	20	15

**Multioperator Single Transmitter****Asia**

RTOC (RW0CF, RW0CN, UA0CA, UA0CDX, UA0CO, UA0CW, ops)			
	1,394,085	2,507	187
JA8RWU (+ JR7OMD/2, JE8KXX, JH8PNE/1)			
	896,898	1,815	166
UA9UZZ (RK9UE & RZ9UN, ops)			
	90,675	470	65
E21YDP (+ E21EIC)			
	13,860	114	42

**Europe**

G5W (G3BJ & G0WWW, ops)			
	2,026,692	2,976	228
IO5O (IK5RLP, IK5ROS, IW5EFX, IZ5BRW, IZ5CBM, IZ5EKV, IZ5EME, ops)			
	1,968,624	3,070	216
SN3R (SP3HRN, SP3LPG, SP3RBR, SP6HEQ, SQ3JPM, SQ3LV0, SQ6ODD, ops)			
	1,863,822	2,774	226
HB9CA (HB9CAT, HB9DUR, HB9FAP, ops)			
	1,809,129	2,805	217
SO9Q (SP9QMP, SQ9JKW, SQ9JKS, SP9XCN, ops)			
	1,496,322	2,589	194
YT0A (YT1CI, YT1ZA, YT2WW, YT1WW, YU1XX, YU1FW, ops)			
	1,269,768	2,248	191
RS3A (RA3CW & RA4HTX, ops)			
	1,259,706	2,376	178
IQ1RY (I1BEP, I1QBI, IK1HXN, IK1RQT, IW1FNW, IZ1CCH, IZ1RGL, IK1SPR, ops)			
	1,116,024	2,057	182
EA3WD (+ EA3AV & EA3ATM)			
	1,113,150	2,066	181
AM5B	1,042,353	1,988	177
9A3B (9A1AA & 9A2VR, ops)			
	978,048	1,709	192
PI4TUE (ON9CC, PC5A, PE2HD, ops)			
	946,944	1,659	192
HB9EP (HB9FBL, HB9ODK, HB9TII, HB9TJC, HB9TSW, ops)			
	535,455	1,105	163

5Q1A (OZ1CWP-OZ1INN-OZ1TDS-OZ4AFQ & ops)	237,600	807	99
SG0X (+)	216,342	623	119
G1T (G0VGS, G6FKE, G0RDH, M0ZFA, G1TLQ, G0LWU, G0LLG, G4UME, ops)	161,850	427	130
SF3A (SM3CER & SM3DMP, ops)	155,325	546	95
SK7OA (SG7A & SM7LXV, ops)	130,239	504	87
SO5A (SP5LS & SQ5M, ops)	113,019	390	101
RK4FWX (RK4FD & RK4FF, ops)	110,271	632	59
G5O (2E0LKC, 2E0LMD, M0DCG, G0LZL, ops)	96,819	560	59
YP7P (YO7LFV & YO7BGA, ops)	65,511	258	87
SZ1SV (SV1JG, SV1RP, SV1HER, ops)	45,978	196	79
GM7A (MM0GOR, MMOGHM, MM0SSG, ops)	31,122	187	57
M0VKY (+ 2E0VPT)	30,246	147	71
F6KCP (+ F5VHN)	26,244	247	36
RA3AWO (RN3APJ & RN3AC, ops)	17,952	140	44
YP9W (YO9WF & SWL-ALINA, ops)	13,734	110	42
UR4PWC	1,581	31	17
EA3RKR (EA3FTW, EA3GVV, EA3EJA, EA3GYE, EB3EPP, ops)	312	14	8

**North America**

VP5H (W0GJ & K0MD, ops)	5,931,945	6,529	305
HI3K (+ HI3CC & HI8KW)	4,851,120	5,626	290
4A2S (XE2/N7DD, XE2S, XE2Q, XE2RV, XE2URF, XE2JA, ops)	4,698,120	5,655	280

TO2T (FG/F6GWV, FG/F6HMQ, IN, GUADELOUPE, ISLAND, ops)	3,455,334	4,012	291
C6ANM (+ NE1B & W2AFC)	3,083,841	3,732	277
YN2EA (WF5W, K5UO, NM5G, WB5TKI, ops @ YN2N)	2,465,280	3,473	240
XE2AUD (+ XE2AU)	622,398	1,438	146
WP4WW (KP4JRS & NP3SI, ops)	449,004	1,072	142
KL7AIR (KL7YK & NL7WW, ops)	185,535	677	93
KL2R (KL1JP & N1TX, ops)	176,175	732	81

**South America**

P40N (K0DQ & N4OC, ops)	7,373,388	7,461	332
PJ4G (K2NG & K1VR, ops)	6,494,220	6,647	327
CW5W (N3BNA, CX4VA, CX5TR, CX6VM, ops)	3,170,976	3,918	272
HD2A (HC2A-HC2AQ, ops)	1,005,480	1,636	210
ZW8T (PS8HF, AND, PS8NF, ops)	617,232	1,270	167
L73D (LU7BTO, LU5FZ, LU1DF, LU1AEE, LW6DW, ops)	481,596	1,212	134
LQ4D (LU9EZ & LW4DAF, ops)	58,716	238	84

**Multipoperator Two Transmitters****Africa**

D4C (I4UFH, IZ4DPV, IW2MJQ, CT1DVV, ops)	8,372,304	8,868	318
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**Asia**

JA1YAI	828	23	12
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**Europe**

DF7ZS (+ DK8ZB, DK9VZ, DC8SG, DL6ZBN, DL3FBJ)	2,008,818	3,154	214
RL3A (SM6LRR, RA9USU, RL3FT, RV1AW, RV3BA, RU3RQ, UA3ASZ, ops)	1,400,976	2,501	188



OZ1ADL (+ OZ1XJ)	566,406	1,247	153
9A6K (9A5MT, 9A3QB, 9A3IQ, 9A2SD, ops)	413,592	916	152
EI9E (EI5DI, EI9HQ, EI2FG, EI7FJ, EI6GF, EI8IQ, EI2HQ, ops)	311,922	813	129
RK3GYM (RA3GJ, RN3GA, RN3GM, RV3GG, ops)	260,451	686	129

**North America**

TI5N (AJ3G, KA4RRU, TI2LCO, W0CN, W4DC, WA4PGM, ops)	7,792,560	8,261	316
KL7RA (+ AL7IF, AL2F, KA1NCN)	4,810,680	5,775	280

**South America**

LP1H (LU5HM, LU7HH, LU7HE, LU3HY, LU2NI, LU5DX, ops)	5,586,975	6,733	279
CE4CT (+ VE7SV)	4,360,125	5,317	275
ZY7C (PT7AG, ops)	3,647,520	4,512	272
PR5D (PY5BH, PY5DC, PY5DJ, PY5FO, PY5IN, ops)	750,060	1,413	180

**Multioperator Unlimited Transmitters****Asia**

JA3YBK (JG3KIV, JG3MRT, JH4NMT, JF4FUF, JS1PWV, ops)	2,394,948	3,688	218
JA1YPA (JA1PEJ, JF6DEA, JG4KEZ, JI6BRB, JR8VSE, , ops)	1,311,057	2,364	187

**Europe**

DR1A	3,875,430	5,279	247
9A1A (9A2DQ, 9A5W, 9A6A, 9A7R, 9A8W, 9A9A, ops)	3,546,630	4,773	251
HG1S (HA1TJ, HA1DAC, HA1DAI, HA1DAE, ops)	2,397,750	3,528	230
RX3APM (+ RA4LW, UA4LCH, UA4LU)	730,125	1,392	177
EA3EZD (+ EA3BFK, EA3CCN, EA3EJI, EA3DUM)	293,928	687	148

**North America**

V48M (W2OX, K3NM, , ops)			
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TI8M (TI2JCY, TI2KAC, TI4ZM, K4UN, W4BW, W4KTR, W4XO, ops)	4,388,202	5,399	273
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**Oceania**

KH7X (KH6ND, AH6OZ, NH6XO, K7NV, KH7U, ops)	7,884,783	8,496	311
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**South America**

ZW5B (PY5EG, PY5KD, PU5RAS, PU2MZI, PY2NDX, PY2KC, PY2YU, PY3KN, PY3MM, ops)	5,258,400	6,304	280
ZY5Z (PP5JN, PY5YA, PP5JAK, ops)	540,690	1,382	134

6,668,550    7,722    290