

2008 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 multiplieroperator. Line scores list call sign, score, QSOs, multipliers, power (A = QRP, B = Low Power, C = High Power, D = Multioperator), and band.

W/VE		KC1MA	2,160	30	24	B	N1GKX	36,354	175	73	B
Single Operator		N7FYO	546	15	14	B	KB1MU	2,325	36	25	B
United States		N1DD	373,332	598	212	C	K5ZD	1,040,949	1,280	273	C
1		N1SV	328,644	631	179	C	WB1DX	237,105	489	165	C
Connecticut		W1HIS	246,870	433	195	C	W1CSM	155,142	315	169	C
		K5MA	121,365	283	145	C	K1SND	55,872	196	97	C
		W1FM	91,143	256	123	C	KB1ILH	35,424	166	72	C
		N1SOH	89,916	239	127	C	N1MGO	25,974	123	74	C
		W1MK	63,603	205	111	C	KT1I	4,773	46	37	20
		KA1EKR	4,125	55	25	15					
		N1ZMB	351	15	9	20					
							2				
Maine		KA1C	43,608	191	79	B	Eastern New York				
		KC7LIF	2,223	40	19	B	W2LP	42,336	147	98	B
		K1DRV	912	19	16	B	WA2MCR	34,404	126	94	B
		KB1NRI	507	13	13	B	N2OBY	26,784	125	72	B
		KB1HFL	216	9	9	B	N2MTG	18,414	93	66	B
		AC1O	89,700	239	130	C	AA2DS	17,388	96	63	B
		K8PO	867	19	17	160	WN2Y	3,870	44	30	B
New Hampshire							K2EP	198,198	365	182	C
		K1BX	774,504	1,047	248	B	K2XF	167,310	336	169	C
		W1WQM (WA1NH, op)					NX2X	109,134	292	129	C
			124,218	323	134	B	NA2M	75,258	227	113	C
		NT1A	15,756	103	52	B	NE2I	55,440	177	110	C
		K1RX	1,182,255	1,487	269	C	AA2OI	32,760	164	84	C
		WC1M	100,224	294	116	C	N2YXW	10,602	62	57	C
		AE1T	2,673	33	27	C	KA2ASU	1,008	22	16	15
		KG1V	9,933	79	43	20	K2XA	432,540	1,344	108	20
		KT1V	12,282	90	46	160	AC2AA	45,990	243	73	20
		K1HAP	1,725	28	23	160	WX2N	1,350	30	15	B 20
							WA2JQK	3,255	39	31	40
							KC2JCJ	48	4	4	40
Rhode Island											
		K1VSJ	16,830	103	55	B	New York City-Long Island				
		K3IU	6,105	58	37	B	W2HLI	2,070	30	23	A
		N1HRA	470,205	658	243	C	WB2ATZ	54,924	201	92	B
		W1OP	252,720	476	180	C	K2BBQ	19,656	105	63	B
		N1SW	90,000	304	100	C	KD2MU	15,552	102	54	B
							N2XDR	5,508	55	34	B
Vermont							N2UN	115,830	300	130	C
		K1LI	184,800	359	176	C	WB2AMU	147	7	7	B 15
		KB1ODO	42,021	161	87	C	K2MFY	77,517	323	81	20
		W1ZS	33,654	147	79	C	KC2LYQ	11,931	99	41	20
							W3EH	1,980	30	22	20
Western Massachusetts							WA2OVG	147	7	7	B 20
		N1PGA	389,664	664	198	B	KC2JRQ	3	1	1	20
		W1KT	160,611	345	157	B					
							Northern New Jersey				
							W2JEK	126	7	6	A

K2WA 109,056 285 128 B
 NJ1W 46,956 177 91 D
 WA2LXE 16,932 87 68 B
 AE2JL 8,073 69 39 B
 WB2IDV 540 15 12 B
 WB2RIS 330 11 11 B
 W2BVH 189 9 9 B

N2NT (W2GD, op)
 784,179 1,002 207 C
 W2UDT 60,903 208 101 C
 N2ED 48,471 165 107 C
 K4BNC 40,326 145 94 C
 N2LT 20,979 114 63 C
 WG2Y 16,320 92 68 C
 K2ZB 16,185 90 65 C
 KC2SSST 4,329 40 37 C
 N2VM 3,441 40 37 C
 WR2G 76,050 334 78 20
 KX2S 6,660 64 37 20
 KC2CJB 507 14 13 20
 K2HVE 12 5 4 20

Southern New Jersey
 K2PS 381,915 624 207 B
 KV2M 63,918 203 106 B
 KA2YKN 6,072 63 44 B
 KC2CGR 2,511 32 27 B
 KC2COB 1,242 23 18 B
 N2RM 238,545 607 135 C
 N2DWS 93,960 277 116 C
 K2RET 80,340 260 103 C
 K2BQW 21,285 129 55 B 20
 W2ARP 11,340 92 45 20
 NQ3N 1,428 29 17 40
 K2SZ 300 10 10 80
 W2MF 9,798 74 46 160

Western New York
 AB2TC 45,864 188 84 B
 W2CCC 14,841 98 51 B
 WA2YSJ 13,440 80 56 B
 K9CHP 10,191 80 43 B
 KC2PWF 546 16 14 D
 K2FU 210,504 409 179 C
 KW2J 100,620 260 129 C
 AA2NA 57,267 192 101 C

W2FUI 47,430 186 85 C
 K2NV 35,470 153 81 C
 W2RR 5,925 79 25 C 15
 K2CVG 18,228 124 49 C 20
 WA2AOG 11,376 79 48 C 80
 WF2W 2,970 35 30 160
 W2VO 1,083 21 19 160

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Delaware
 N8NA 83,712 227 128 B
 K3JD 59,565 217 95 B
 N3TEE 10,335 67 53 B
 AA1K 1,507,611 1,775 287 C
 W3GNQ 98,490 256 134 C

Eastern Pennsylvania
 N3CHX 38,844 162 83 B
 KB3EXB 18,483 101 61 B
 K2MS 11,868 90 46 B
 WB3BSA 11,286 67 57 B
 N3TR 10,980 63 61 B
 W3CCI 7,560 60 42 B
 N3JNX 6,954 64 38 B
 W3RT 1,584 26 22 B
 W3BGN 1,276,425 1,544 279 C
 W3RJ 560,538 911 209 C
 N3RJ 208,926 448 159 C
 N3YW 125,355 312 137 C
 N3KR 105,336 269 133 C
 W3FVT 103,350 276 130 C
 K3YG 90,252 279 109 C
 W3PA 64,701 242 91 C
 N3RW 52,920 202 90 C
 WE3E 40,824 169 81 C
 K3MRG 39,015 163 85 C
 W3SQ 26,100 150 60 C
 K3ATO 25,545 138 65 C
 K3IGI 24,156 135 61 C
 WDBR 5,658 46 41 C
 W3TUA 2,184 32 26 C
 WA3ELQ 1,452 26 22 C
 WR3H 34,776 191 63 20
 VA1XBN 2,166 39 19 20

Maryland-DC
 K3TW 29,484 126 78 A
 N3HU 10,764 71 52 A

W3LL 528,984 719 248 B
 N3ALN 54,304 190 103 D
 N3ZBK 24,528 112 73 B
 KX3TL 22,035 113 65 B
 NS3T 20,748 92 76 B
 KB3HJK 7,866 57 46 B
 N3VOP 3,720 44 31 B
 NB3T 3,366 35 33 B
 WR3F 3,162 38 31 B
 N3JON 588 14 14 B

NN3W (@N3HBX)
 1,861,704 1,852 338 C
 K3ZO 795,270 1,089 245 C
 K3TC 373,023 585 217 C
 N3UM 338,865 555 205 C
 W6NRJ 34,944 133 91 C
 K3FIT 24,072 120 68 C
 KB3LNM 3 1 1 15
 N3YZ 28,800 165 60 20
 W2BZR 13,938 101 46 20

Western Pennsylvania
 N3TEP 4,356 45 33 A
 KB3LIX 92,820 241 130 B
 NA3F 40,602 137 101 B
 K3VED 38,916 140 94 B
 W3BC 3,675 40 35 B
 N2EM 2,673 33 27 B
 K3RMB 9,504 69 48 C
 KC3WM 11,107 116 33 15
 AD8J 13,395 96 47 40
 N3TXH 126 7 7 40
 N3YD 20,001 117 59 80
 W3GH 1,254 22 19 160

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Alabama
 W4NBS 78,234 222 118 B
 N4JF 68,139 205 113 B
 N4UC 52,962 185 97 B
 W4AUB 39,456 143 96 B
 W4TKI 39,192 144 92 B
 KM4JA 26,784 129 72 B
 NV4B 16,683 83 67 B
 N4AU 7,353 57 43 B
 K4AB 255,903 439 197 C
 W4LIA 153,120 331 160 C
 W4NTI 116,235 296 135 C

NE4M	91,035	255	119	C
N4JDB	20,424	95	74	C
K4WI	3,672	73	17	10
K4NVJ	3,612	45	28	20

Georgia

WB4JFS	146,118	353	142	B
K4OD	62,715	200	113	B
AB4BJ	19,698	99	67	B
AA4LR	15,288	92	56	B
KC4RSL	5,922	50	42	B
KI4VQQ	5,217	52	37	B
KC4YBO	4,920	48	41	B
W9KTB	4,770	53	30	B
KU4G	3,534	39	31	B
K4GZZ	3,120	40	26	B
KI4RXE	2,349	30	27	B
W4KKY	1,197	21	19	B
K4SSU (NA4BW, op)	804,186	1,058	258	C
KU8E	283,662	471	206	C
K4BAI	226,896	469	163	C
K4WX	89,238	215	139	C
N3FP	47,100	168	100	C
W4CEB	35,814	135	94	C
K1YQ	32,886	184	63	C
N4RVM	5,616	53	36	C
K4JRB	1,089	33	11	10
KI4ETD	540	90	6	10
N4PN	218,154	712	103	20
W4PJP	918	18	17	20

Kentucky

WR4F	94,428	258	122	B
WD4KTF	3,648	39	32	B
W8KHP	2,592	34	27	B
KI4NEC	918	20	17	B
W4LC	45,900	228	68	20

North Carolina

K4CIA	102,465	255	135	A
N4ZAK	5,130	48	38	A
KD4OFG	1,716	28	22	A
K4MGA	60,192	186	114	B
N4HXI	32,880	139	80	B
K7JNX	29,070	117	85	B
W4WNT	28,914	127	79	B

AI4GR	8,700	61	50	B
KC4EZN	7,614	57	47	B
KJ4WD	5,499	53	39	B
N4WJW	4,725	46	35	B
AA4S	457,380	701	220	C
N1GC	241,956	437	188	C
N4AA	190,710	390	163	C
N4TCP	129,558	292	151	C
N4YZ	107,310	252	146	C
K4YKZ	88,929	249	123	C
N4TL	73,428	215	116	C
K4DXA	57,942	178	111	C
K4DGJ	45,108	181	84	C
KZZI	33,777	141	81	C
NC4MI	22,407	101	77	C
KI4MF	14,400	84	60	C
AE4EC	8,100	60	50	C
W4GRW	27	3	3	10
K4QVK	5,022	62	27	B 15
W4WJF	510	17	10	15
W4JIK	144	8	6	B 15
W4TTX	8,190	73	39	20
K0RRP	3,528	51	28	20
AA4VV	16,218	104	53	40
K4KZZ	13,104	78	56	C 80
KU4BP	2,430	30	27	80

Northern Florida

K9OM	241,233	429	191	B
K4DMH	57,879	189	109	B
W3GQJ	18,483	105	61	B
N4WQ	16,638	99	59	B
WA4AEJ	10,962	64	58	B
K4GOP	6,150	55	41	B
KG4EZQ	4,284	46	34	B
K2EK	589,680	739	270	C
K4PV	474,912	832	194	C
N6AR	386,694	608	217	C
W7QF	85,344	228	127	C
N4CU	84,606	245	118	C
N4LZ	28,032	129	73	C
W4SUL	7,560	95	28	15
N4DBI	12	2	2	15
W3TMZ	9,912	59	56	40
W5JBV	48	4	4	A 80
W4SVO	2,511	34	27	160

WJ9B	1,650	26	22	160
KK4SI	1,386	25	21	160

South Carolina

N4XL	270,156	488	188	B
KI4PKW	51,339	170	109	B
KM4RK	17,286	89	67	B
N4UFP	124,362	300	141	C
K4MS	110,985	253	151	C
WA2EMF	92,016	223	144	C
NJ4F	74,241	224	113	C
W3WOT	7,254	62	39	C
KI4LLJ	75	5	5	B 40

Southern Florida

KR4ZA	62,010	197	106	B
AC5ZS	33,840	144	80	B
N4LF	22,512	113	67	B
K1CEC	18,333	101	63	B
WA2BKN	7,020	61	39	B
KK9O	5,304	52	34	B
AB3S	1,872	28	24	B
NJ2F	249,480	442	189	C
AI4WW	33,777	140	81	C
NA4CW	2,301	60	13	10
N8PR	19,350	153	43	15
W4WR	11,340	85	45	20
WF3C	5,952	63	32	20
W4JUG	2,232	31	24	20
N4QV	29,568	156	64	40
W4GD	630	15	14	B 160

Tennessee

W4EEH	54,237	181	101	B
K4CX	30,552	138	76	B
KI4VEU	28,182	125	77	B
N4LKE	19,380	98	68	B
NA4K	17,802	86	69	B
W4NI	16,500	125	44	B
WD8RYC	15,210	79	65	B
KA5VZG	13,776	83	56	B
W4GHD	12,960	98	45	B
WA4OSD	7,182	58	42	B
AA6CJ	7,080	62	40	B
KE4KMG	6,762	52	46	B
N4QWB	5,586	50	38	B
W4OGG	4,692	46	34	B

AB4GG	432	12	12	B
WC4MBC	240	10	8	B
K4LTA	221,796	427	183	C
W4KW	192,528	409	168	C
W4NZ	95,250	250	127	C
K4RO	48,708	168	99	C
KO4Y	19,998	106	66	C
K4DZR	16,836	97	61	C
K4AMC	5,850	51	39	C
W2OO	2,592	32	27	C
K4DXV	2,508	38	22	C
KN4Q	3,600	51	24	15
WO4O	50,820	252	70	20

Virginia

KC4ATU	1,872	26	26	A
K7SV	303,024	482	214	B
KI3O	97,284	250	134	B
K4DET	57,720	188	104	B
W4YE	56,448	195	98	B
KA8Q	51,012	157	109	B
WA2ASQ	47,250	175	90	B
W4PFM	38,796	124	106	B
K4IB	18,900	100	63	B
N3TG	16,443	89	63	B
N3JT	13,671	94	49	B
WC4J	11,781	79	51	B
K4MIL	11,760	73	56	B
K3MZ	10,854	67	54	B
W4RQ	10,500	71	50	B
W4ONC	6,042	53	38	B
N4JED	5,400	50	36	B
K4FTO	5,244	48	38	B
N3UA	4,185	46	31	B
K2VX	2,592	35	27	B
KE4CAX	162	9	9	B
K4ZW	1,825,416	1,889	324	C
AC8Y	440,916	744	203	C
W2YE	243,408	466	176	C
N4MM	237,291	437	181	C
W4JAM	209,418	428	167	C
N2FT	104,682	256	146	C
N4DJ	78,720	208	128	C
W4XQ	73,485	223	115	C
N3BM	53,130	164	110	C
W7HJ	3,240	36	30	C

KE4H	17,808	115	53	20
K4CNF	8,610	72	41	20
WA4A	105	7	7	20
A4UC	48	4	4	20
K4WY	4,212	53	27	40

West Central Florida

W4TAA	211,464	548	132	B
W9NWY	47,175	197	85	B
W3TB	40,545	163	85	B
K4GKD	27,450	123	75	B
AG4ZM	19,215	108	61	B
N2EGO	8,601	62	47	B
WD4FL	4,428	41	36	B
K1TO	583,368	875	223	C
W3GDM	1,050	26	14	15
W4MPJ	3,348	45	31	20

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Arkansas

KD5J	19,698	101	67	B
K5GO	1,024,212	1,255	274	C
W5KI	22,725	102	75	C
W5BKT	9,900	69	50	C
KE5FUE	8,694	65	46	C
W5MK	180	12	5	10
W5QP	32,922	177	62	20

Louisiana

K5KLA	18,585	109	59	A
K5ER	222,870	439	170	B
KC5R	91,332	236	129	B
N5MHM	9,858	81	53	B
WB5TEQ	5,967	55	39	B
WA5TRX	4,794	48	34	B
W5RI	3,774	38	34	B
W5WMU	450,276	640	239	C
KE5SNJ	285	19	5	B 10
AC5O	21,432	152	47	B 15
W4JHC	0	1	1	15

Mississippi

N5PA	68,400	234	100	B
AD5VS	19,698	99	67	B
WX5N	14,040	156	30	B
KD5UBC	2,418	31	26	B
K3FM	66,780	213	106	C
KE5LFO	2,160	35	24	20

New Mexico

N5KEV	1,764	30	21	B
W6PU	197,112	382	172	C
KD5JAA	30,192	139	74	C
WA5ZUP	25,740	132	66	C
KD5TTC	144	8	6	B 40

North Texas

KE5SAR	90	6	6	A
WA8ZBT	70,824	229	104	B
K5DHY	17,280	92	64	B
KI5DQ	9,996	73	49	B
W5JNP	9,984	78	52	B
KB5DRJ	7,224	56	43	B
KE5HOB	1,449	25	21	B
W0VX	14,706	130	38	15
WD5K	55,230	264	70	20
KD5QQD	12	2	2	20
K5RX	5,850	51	39	160

Oklahoma

AA5JG	3,726	47	27	B
AE5FT	2,916	42	27	B
AE5MM	1,200	26	16	B
K5LAD	167,139	384	147	C
KD5RXN	38,250	159	85	C
N5TEY	48	4	4	C

South Texas

K5ZE	17,388	94	63	A
W5ESE	1,056	23	16	A
N5AW	473,760	666	240	B
KE5LQ	74,520	217	115	B
WA5IYX	43,326	166	87	B
N5XUS	28,296	131	72	B
WA2VJL	16,008	116	46	B
AD5CQ	15,660	96	58	B
KD5ZEZ	7,995	65	41	B
KD5MMM	2,625	36	25	B
N5DTT	1,782	27	22	B
W5QLF	495	16	11	B
K5TR (WMSR, op)	645,780	971	229	C
KE3D	152,460	343	154	C
NQ5D	73,080	213	116	C
W5YAA	58,473	219	89	C
NR5M	57,288	310	62	15

NA4M 2,430 34 27 80

West Texas

KA5PVB 19,032 104 61 A
NW5Y 15,756 101 52 B
W5RAW 1,950 29 25 B
WD5DCZ 1,701 27 21 B
N5RMS 49,536 186 96 C
NZ5M 48 4 4 B 15
N5DO 57,540 278 70 20

6

East Bay

N6WG 8,436 78 37 A
KD6WKY 2,574 33 26 B
K6VUG 126 7 6 B
K6JAT 13,098 123 37 20
KO6JF 240 12 8 20
KI6CYT 90 12 3 20
KC6ZZT 30 5 2 20

Los Angeles

K6TV 11,439 94 41 A
N6RV 55,029 229 83 B
AE6XC 13,230 91 49 B
KJ6NO 2,625 35 25 B
KI6NGN 2,142 35 21 B
N6AA 208,803 433 163 C
NK6A 41,958 192 74 C
KM6Z 1,020 35 10 10
N6HE 420 20 7 20

Orange

W6ZL 81,438 277 98 B
WA6NHO 17,850 129 50 B
N6CPM 11,481 89 43 B
W6TKV 11,421 92 47 B
W6JNU 10,656 85 48 B
WA6GFR 1,512 28 18 B
WA6BFW 67,914 243 98 C
N6WK 62,715 187 113 C
K6HRT 56,952 230 84 C
AC6DX 9,792 72 51 C
WA6NOL 2,028 30 26 20
KE6GFF 132 12 4 20

Santa Barbara

WA6FGV 58,206 220 89 B
W7CB 88,908 249 124 C

KI6LZ 51,504 300 58 20

Santa Clara Valley

K6RM 2,331 37 21 A
N6NF 154,512 447 116 B
K6KWB 13,200 103 44 B
AF6EV 10,575 76 47 B
N1KR 3,381 52 23 B
K6XX 448,140 776 194 C
K6MM 89,040 269 112 C
W0YK 19,215 107 61 C
N6XI 13,113 95 47 C
KG6ZHC 2,808 40 24 C
W6EB 2,520 35 24 C
K6TD 1,632 34 16 C
K6HNZ 71,166 415 58 20
N1WC/W6 6,216 74 28 B 20
AJ6V 2,346 34 23 20

San Diego

W6QU (W8QZA, op)
62,886 223 94 A
K6AM 206,829 475 147 B
W6CN 42,636 187 76 B
AF6AV 23,544 115 72 B
N6MUF 14,700 107 50 B
AA6EE 8,520 71 40 B
K6VFF 6,954 63 38 B
W6TAN 3,519 51 23 B
N6XT 116,070 275 146 C
K6NA 32,526 144 78 C
NH6J/W6 (JE1JKL, op)
32,232 316 34 C
N6TI 540 30 6 B 20
W6YI 69,828 515 46 40

San Francisco

KI6ADA 585 15 13 A
K6GZA 6,720 72 32 B
AE6YB 4,263 50 29 B
K6UUW 12,144 95 46 C

San Joaquin Valley

K6AAB 9,198 74 42 B
KE6SHL 3,888 49 27 B
K6LE 2,340 40 20 B
K6CSL 1,782 35 18 B
N6FD 270 10 9 B

N6YMM 31,524 150 71 C
K6YV 21,204 127 57 C
K6PTS 2,430 32 27 C
W6GMT 1,692 47 12 10
W6DPD 4,836 62 26 B 15
KI6PG 570 19 10 B 80

Sacramento Valley

K7XE 32,760 189 60 B
W6RFF 1,938 35 19 B
WA6ST 30,222 148 69 C
K6LRN 25,536 135 64 C
W1RH 9,996 70 49 C
KB8VCE 1,296 31 18 C
AB1U (W8RKC, op)
5,022 62 27 15
W6RKC 2,052 36 19 40

7

Arizona

K7JE 184,950 421 150 B
N7IR 101,640 280 121 B
W7RV 91,530 273 113 B
W4LSC 88,818 267 113 B
KR7RK 72,576 218 112 B
KEYYF 26,496 129 69 B
N4LS 18,312 112 56 B
W7KAM 13,950 99 50 B
WF7K 12,000 82 50 B
AA4Q 7,353 60 43 B
W6ZQ 2,331 37 21 B
WN8PEE 1,122 28 17 B
K7TR 405 15 9 B
K5RR 350,439 594 199 C
K7WP 121,752 373 114 C
K7KR 94,830 294 109 C
WR5G 28,968 142 71 C
N7VF 23,622 129 62 C
W8ZU 8,772 81 43 C
K7JLF 675 19 15 C
KE7LFV 90 7 6 C
KC7V 24,300 181 45 15
W7UPF 12,540 115 38 15
K7MY 16,422 122 46 20
KC7AQZ 612 18 12 20
N6MA 675 17 15 160

Eastern Washington

K7MM 17,010 107 54 A

N7VZU 28,416 152 64 B
 K7AWB 7,524 80 33 B
 WA0WWW 4,704 58 28 B
 KI7AO 73,485 217 115 C
 W7BJN 91,152 430 72 20
 W6AEA 37,572 205 62 20

Idaho

NF7T 27,900 130 75 B
 N7VJ 18,762 107 59 B
 KF7CQ 4,590 47 34 B
 WM7DX 1,725 31 23 B
 K0IP 104,601 301 119 C
 KB7QFE 6,534 74 33 20

Montana

KE7NO 36,240 154 80 B
 KD7IIC 27,189 159 57 B
 KA6CUU 19,488 112 58 B
 K7SAM 11,088 93 44 B
 KD7DCR 7,680 66 40 B
 NB7V 88,314 366 82 C
 KS7T 16,992 98 59 C
 KC7UP 11,388 74 52 C
 K7ABV 32,922 178 62 20

Nevada

K7ACZ 144,699 350 139 B
 KD7VOK 3,900 53 26 B
 W6NF 540 15 12 B
 K7LV 87,630 279 115 C
 K9JDV 33,066 167 66 C
 WB7QBO 693 21 11 C
 K7XC 2,760 41 23 15
 K7AO 9,711 83 39 C 40

Oregon

W3CP 74,469 253 103 B
 KD7MSC 46,368 187 84 B
 NW7E 46,314 167 93 B
 WA7MR 37,410 155 86 B
 W7SO 33,864 170 68 B
 K6UM 15,651 112 47 B
 N3CJD 10,320 82 43 B
 W7YUK 9,072 126 24 B
 K7GZP 756 22 12 B
 N6TW 115,290 306 126 C
 W7JY 110,055 329 115 C

N7TL 20,520 122 60 C
 N7VS 14,112 98 48 C
 W7VS 1,725 25 23 C
 KD6WAB 162 13 6 C
 WA7AR 71,190 345 70 20

Utah

WF4U 10,863 73 51 A
 N7JTL 528 16 11 A
 NS7K 13,365 103 45 B
 WA7YAZ 6,384 56 38 B
 AD7KG 2,232 32 24 B
 WI7C 2,016 38 21 B
 NNZZ (NELZ op)
 325,503 622 177 C
 KE7JZ 9 3 1 20

Western Washington

WG7X 24,765 129 65 B
 W7QN 19,584 137 48 B
 W7NNN 14,850 114 45 B
 KB7N 6,936 71 34 B
 N6TPT 288 12 8 B
 AD7T 150 12 5 B
 K7RL 695,784 1,103 212 C
 K7EG 68,544 243 96 C
 KG7P 12,672 96 44 C
 W9PL 3,306 59 19 C
 W7JAM 2,376 36 22 C
 W7GKF 1,872 30 24 C
 K7MH 3,588 46 26 15
 NG7Z 48 4 4 15
 W7WA 318,681 961 111 20
 KB7STO 312 22 8 20
 K7PWL 36 4 3 20

Wyoming

WG7Y 2,160 41 18 B
 KO7X 17,202 97 61 C

8

Michigan

KT8K 1,311 25 19 A
 NO8R 44,118 172 86 B
 N8NX 16,800 101 56 B
 N8AE 13,020 72 62 B
 W8FEM 11,766 74 53 B
 K8MJZ 9,933 77 43 B
 KE8FO 6,786 59 39 B

NF8M 4,128 43 32 B
 KC8OBH 168 9 8 B
 K8GL 278,442 504 186 C
 K8AO 109,440 325 114 C
 WD8S 57,855 210 95 C
 KE8UM 28,188 114 87 C
 W8TWA 94,536 405 78 20
 K9TTT 3,999 50 31 40

Ohio

N8XA 24,948 108 77 A
 W8BS 1,650 25 22 A
 N8QE 432 15 12 A
 W8KIC 126,360 273 156 B
 ND8L 92,964 250 127 B
 N8VV 75,864 235 109 B
 K8AB 63,000 208 105 B
 N8WL 50,676 206 82 B
 WB8JUI 45,792 161 96 B
 WT8E 35,100 134 90 B
 W8TM 24,525 110 75 B
 K8CR 19,809 100 71 B
 KJ8G 12,936 78 56 B
 W8IDM 12,720 80 53 B
 N8BV 9,288 73 43 B
 WF8P 4,935 50 35 B
 WA8SSQ 3,960 47 30 B
 W8KNO 3,360 35 35 B
 N8TG 3,255 37 31 B
 KB8O 3,045 38 29 B
 KB8DDZ 330 13 10 B
 N0RZT 243 9 9 B
 AF8C 168 9 7 B
 KE8E 162 9 9 B
 N8AA 337,428 552 206 C
 W8KEN 97,407 240 137 C
 K8MR 64,500 218 100 C
 W7PP 38,700 139 100 C
 K8VUS 26,733 136 67 C
 KC8IVC 24,411 103 79 C
 K8ALM 2,850 39 25 C
 NT8K 300 10 10 C
 WA3PAK 18,054 118 51 B 20
 WF8N 1,296 27 18 20
 K8DJC 16,215 118 47 40
 W8JMF 6,834 69 34 40

NR8U 4,512 47 32 40
ND8DX 25,311 145 59 80

West Virginia

WA8WV 25,347 120 71 A
K8OQL 4,851 50 33 80

9

Illinois

KD9MS 183,222 389 162 B
K9QVB 86,178 272 106 B
N9JF 59,976 207 98 B
W9QL 28,800 123 80 B
K9OR 26,544 112 79 B
K9JE 25,110 135 62 B
KB5OS 22,557 110 73 B
KB9RW 15,576 94 59 B
K9PY 15,066 82 62 B
N9WEW 14,760 83 60 B
W9OA 13,035 85 55 B
W9ILY 9,855 74 45 B
N9GGO 8,379 60 49 B
WB9VGO 8,232 57 49 B
K9GY 8,190 65 42 B
KB9CYL 5,076 48 36 B
KC9HGW 2,754 34 27 B
K9TCD 1,140 20 19 B
WQ9T 840 20 14 B
AG3R 585 17 13 B
WB9CHY 3 1 1 B
WB9Z 1,031,610 1,277 274 C
K9BGL 255,021 505 169 C
WA9IVH 40,824 169 84 C
W9SE 17,460 98 60 C
AK9Y 8,844 70 44 C
N9JZN 5,292 51 36 C
W9WJ 31,806 171 62 B 20
KG9N 10,455 86 41 20
WO9S 1,725 26 23 80

Indiana

N4TZ 403,680 588 232 B
AC9X 168,948 368 156 B
AJ9C 22,620 116 65 B
N9XO 7,095 59 43 B
KB9YGD 6,201 53 39 B
W9RE 1,198,194 1,392 289 C
N9WKW 17,487 91 67 C

W9NY 88,560 370 82 20
KC9IRG 3,720 48 31 20

Wisconsin

AF9J 192 10 8 A
N9KG 66,240 200 115 B
WE9R 30,000 129 80 B
KC9KIO 15,936 86 64 B
WR9Y 504 14 12 B
N0UJ 310,752 506 208 C
W9JA 159,960 322 172 C
K9VS 9,450 74 45 C
K9JIG 7,695 58 45 C
W9GXR 3 1 1 C 10
W9OP 73,476 330 78 20
W9IHW 0 0 0 40
W9IH 1,932 28 23 C 80

0

Colorado

W0ETT 37,296 155 84 B
AG0A 12,768 86 56 B
K0LDS 4,455 52 33 B
N0IBT 969 19 17 B
N0GOS 336 14 8 B
K0TOR 189 9 7 B
N0KE 296,829 565 177 C
N0QO 196,185 462 145 C
NC0B 113,400 312 126 C
N0RN 68,289 225 103 C
K5VYT 44,226 187 81 C
W0RIC 24,948 128 66 C
K0GAS 23,247 135 63 C
WK0P 21,420 108 68 C
K0XTR 7,812 64 42 C
NA0BR 462 14 11 C
AB0YM 297 11 9 C
KC6R 11,556 109 36 15
KC0WKZ 3,300 53 22 15
AA0UY 966 23 14 B 15
K0IZ 57,498 270 74 20
N0KIS 38,796 219 61 20
W9BNO 270 10 9 20
WD0BGZ 21,021 145 49 40

Iowa

NT0F 91,776 242 128 B
K0WHV 34,425 150 85 B

KC0TDJ 16,704 98 58 B
AD0H 7,182 64 38 B
K0FA 2,325 32 25 B
N9HDE 12 2 2 B
N9KZ 68,355 247 93 C
WE0M 34,932 146 82 C
W0EAN 6,954 67 38 C
W0PPF 15,525 115 45 C 20

Kansas

N0YO 46,206 152 102 B
WA0GNC 16,092 149 36 B
N0OST 11,454 86 46 B
K0BJ 2,418 31 26 B
N0SCK 1,944 28 24 B
NY0T 768 16 16 B
KC0FUE 6 2 2 B
W0BH 35,376 135 88 C
K0RH 9,078 90 34 15
W0CEM 17,304 116 56 20
W0IE 48 5 4 20

Minnesota

N0OC 10,512 73 48 A
N0UR 4,950 51 33 A
AC0W 169,050 357 161 B
WB0VHF 27,264 130 71 B
KN0V 22,848 119 64 B
AA0NK 17,820 101 60 B
K0MPH 14,094 83 58 B
W0IS 11,178 73 54 B
NN0Q 9,729 69 47 B
KD0BGA 5,781 51 41 B
W0JEC 5,076 50 36 B
WA0BNX 2,511 33 27 B
K0JDD 1,863 29 23 B
KC0RQH 1,026 19 18 B
KC0UUT 912 19 16 B
N0ZK 867 18 17 B
N0OK 170,016 371 154 C
K0JJR 47,229 174 91 C
K0YR 47,229 175 91 C
W0ML 16,245 99 57 C
W0ZQ 9,384 68 46 C
K9WN 7,308 58 42 C
KJ0P 3 1 1 15
K0PK 31,620 173 62 20

WA2MNO	756	21	12	40
Missouri				
KU1CW	571,455	759	255	B
KB0NHW	12,402	78	53	B
K0FG	9,000	60	50	B
KD0JBN	2,871	35	29	B
N1SWK	1,008	22	16	B
W0HBH	87,579	270	111	C
WA0FQK	72	8	3	B 10
KB8PXV	48	4	4	20

North Dakota				
W0TUP	15,738	96	61	B
KA0LDG	1,827	29	21	B

Nebraska				
K0KRH	6,519	54	41	B
KC0QYT	2,730	35	26	B
N0CQI	1,575	32	21	B
WB0M	297	12	9	B
W0KT	270	10	9	B
KB0ARZ	22,149	113	69	C
AC0DQ	16,107	93	59	C

South Dakota				
K0HW	83,538	240	117	B
WB0TSR	45,390	183	85	B
WB0ULX	9,996	68	49	B
K0PIR	5,184	54	32	20

Canada

Alberta				
VE6CNU	39,738	181	74	B
VE6MRX	816	23	17	B
VE6EX	62,376	228	92	C
VE6SF	6,804	84	27	C 15
VE6TR	15,369	111	47	20

British Columbia				
VA7BEC	35,520	149	80	B
VE7FCO	9,384	92	34	B
VE7BGP	8,424	75	39	B
VA7ALK	1,782	36	18	B
VA7ST	54,990	200	94	C
VA7DM	3,300	44	25	C
VA7JW	21,840	144	52	20

Maritime				
VE9QRP	5,985	59	35	A

VE9CEH	93,291	258	121	B
VE9JT	18,540	103	60	B
VY2ZM	2,930,994	2,906	339	C
VE9MY	117,786	300	134	C
VE1MC	66,297	292	77	20

Manitoba				
VE4YU	22,140	126	60	B
VE4HQ	10,140	74	52	B
VE4EAR	26,082	130	69	C
VE4DET	1,512	26	21	20

Newfoundland/Labrador				
VO1BBN	33,516	155	76	B
VO1MP	1,412,496	1,750	272	C
VO1HE	161,325	723	75	20
VO1KVT	113,820	546	70	20
VO1BQ	4,977	80	21	20

Northern Territories				
VE8DW	24	4	2	20

Ontario				
VA3DF	32,625	126	87	A
VA3RKM	243	9	9	A
VE3AD	128,781	357	123	B
VE3OX	85,500	236	125	B
VE3DZ	64,680	281	77	B
VE3KPP	31,536	147	72	B
VE3NE	27,540	114	85	B
VA3SWG	25,938	137	66	B
VE3IAE	20,223	108	63	B
VE3MPT	18,720	109	60	B
VE3RCN	17,523	100	59	B
VE3MCF	14,094	87	58	B
VE3NCQ	11,076	73	52	B
VA3RNJ	4,830	47	35	B
VE3MGY	1,950	28	26	B
VE3EJ	1,752,024	1,990	296	C
VC3E (VE3AT, op)	1,562,622	1,915	274	C
VE3CX	251,889	454	187	C
VE3CR	216,423	421	173	C
VE3XN	113,538	254	149	C
VE3TW	60,630	239	86	C
VE3GYL	9,768	81	44	C
VA3FP	5,850	78	25	C 15
VE3OBU	33,264	179	63	20

VE3SY	5,355	51	35	20
VE3CRU	1,188	22	18	B 20
VA3XH	7,104	67	37	40
VE3CUI	192	8	8	160

Quebec				
VE2XAA	120,744	319	129	B
VE2AWR	25,545	133	65	B
VE2FFE	429	14	11	B
VA2WDQ	32,364	128	87	C
VE2PIB	23,184	148	56	C

Single Operator Assisted

1				
K1IG	1,592,184	1,639	326	
N1DG	650,055	756	287	
K1ZZ	530,145	696	255	
W1GUS	436,632	655	226	
N8RA	405,675	601	225	
K2TE	393,714	646	207	
K1FWE	390,648	798	164	
AA1V	340,848	534	216	
W1RZF	261,648	484	184	
W1NT	245,979	459	181	
K1TR	243,198	462	177	
W1QK	240,480	489	167	
K1JB	152,250	354	145	
KV1J	127,512	280	154	
WB1EDI	122,589	258	159	
N1IW	118,800	242	165	
KC1F	98,172	303	108	
K1NU	97,674	226	146	
W1EBI	97,464	252	131	
KZ1M (W1EQ, op)	69,384	198	118	
N1API	62,118	242	87	
NE1F	61,488	169	122	
W1UR	61,218	191	114	
N1MD	57,810	205	94	
KB1MIC	49,536	185	96	
W1YRC	45,900	182	85	
KS1J	43,197	191	77	
KB1OWT	38,622	163	82	
KX1X	23,364	119	66	
AA1QD	19,404	98	66	
W3IZ	16,632	102	56	
W1MAT	16,362	101	54	
AG1C	15,423	97	53	

N1AU	9,027	62	51
K1RV	7,176	53	46
N1BCL	6,960	60	40
WA1ZYX	3,300	44	25
WJ1B	2,700	31	30
N11TN (KB1KDX, KB1GBD, N1TK, ops)			
	336	17	8

2

W1GD	652,575	794	275
W2RD	483,894	630	261
W2IRT	430,560	628	230
WC2L	357,000	600	200
N1EU	326,250	436	250
KE2DX	315,468	516	207
N2VW	313,650	512	205
N2WK	295,236	420	236
KA2D	269,028	483	188
N2RJ	210,375	565	125
W2NY (WT4Q, op)			
	195,663	382	173
W2LE	179,772	423	142
WA2VUN	158,100	331	170
W2YR	145,080	251	195
W2GDJ	143,100	304	159
K2CJ	140,712	330	143
N2MUN	129,654	346	126
N2FF	124,218	314	134
K2QMF	119,796	302	134
K2BX	115,425	285	135
N2SS	86,067	222	131
K2ONP	80,730	210	130
K2DBK	75,816	220	117
WA3AFS	71,145	156	155
KS2G	69,264	222	104
AB2E	65,880	183	122
K2SQS	58,743	193	107
AA2DC	46,926	158	99
WK2H	37,848	156	83
KD2NE	29,184	136	76
K2DM	25,440	107	80
W2SFD	23,214	117	73
NG2P	21,228	117	61
WF2B	18,894	97	67
W2VQ (WQ2N, op)			
	18,423	94	69

K2QPN	18,360	94	68
N2MM	13,509	81	57

3

K3WW	1,282,272	1,463	296
N3KS	1,007,244	1,154	294
AA3B	1,002,252	1,160	289
K3PP	965,250	1,130	286
N3AD	829,125	1,042	275
N3ZA	555,984	707	264
K3OO	514,080	684	252
W3GM (K3ND, op)			
	440,265	599	245
N3MX	416,970	620	226
K2PLF	347,634	539	217
W3EKT	325,494	531	214
W3EA	253,332	462	186
N3NS (K3PK, op)			
	245,670	433	190
KW3W	227,292	413	188
K3TEJ	184,260	371	166
K3CT	180,450	404	150
N3AM	150,822	344	147
N3NA	141,540	340	140
W3OU	113,970	265	145
N3KV	92,886	234	137
N3YIM	78,174	206	129
WW3S	58,941	177	111
WR3L	42,180	194	74
NY3C	38,184	152	86
WA3G	32,292	140	78
W3LD	26,880	132	70
W3TMS	25,668	127	69
WA3KYY	20,520	90	76
K3NK	8,280	60	46

4

N4ZC	714,870	852	282
W4WTB	530,475	652	275
N4KG	469,368	638	246
N4PQX	459,597	650	239
KG4W	406,728	548	252
W3OA	402,732	597	226
K4XD	327,846	550	202
KR4F	305,349	502	209
K1GU	299,322	482	207
N2TU	291,510	478	205

AD4EB	286,254	519	186
K4EU	267,351	443	203
K4FX	255,558	456	191
W4HZ	238,788	408	201
NN4F	234,024	405	196
W4LT	194,718	398	166
W4UNP	191,646	355	182
K4GHS	172,593	381	151
N4DL	168,345	390	145
N4GG	168,168	314	182
K4DLI	163,200	324	170
NF4A	161,820	352	155
KT4Q	159,198	342	157
W4AMS	159,120	347	156
K2SX	151,179	320	161
K3KO	145,386	248	197
AK4I	141,789	320	151
NX9T	140,049	274	171
WB4MSG	134,994	308	149
N4NM	122,094	278	153
WA4ASJ	117,276	340	116
K4AOQ	108,030	285	130
K1ZZI	107,640	203	184
WF4W	92,574	224	139
K5KG	91,098	244	126
N4ZZ	90,513	270	113
W4TBB	88,452	238	126
AD4IE	86,394	252	119
K1ZW	83,490	244	115
AM4WB	82,992	216	133
K5VIP	77,787	204	129
WA3OFC	70,866	194	127
W4XO	66,240	196	115
W4ZW	63,612	174	124
AD4YQ	61,272	190	111
N4QS	60,135	211	95
N1LN	55,890	139	135
KT4MM	49,920	168	104
K4NAU	47,952	147	111
K8YC	46,863	129	123
K5EK	45,792	161	96
NAVA	36,708	161	76 B
K3XD	35,250	127	94
KG4VPC	34,383	159	73
W4CU	33,768	137	84
N4VV	27,477	130	71

WT5L 26,784 124 72
W4EEQ 23,532 109 74
K4FPF 22,230 130 57
KA4OTB 20,475 107 65
W4FDA 20,223 109 63
N3AO 13,530 84 55
W4KPG 9,360 61 52
AA4ZR 5,670 57 35
N4DWK 2,523 30 29
KG4TPZ 1,932 30 23
N4MAW 1,782 28 22

5

K5NZ 213,942 365 197
AD5XD 184,167 363 171
K5KM 130,815 334 135
N5JR 101,916 299 114
W3TZ 92,928 255 128
K5YA 78,288 240 112
N5KDV 72,924 213 118
W8FN 57,018 223 86
W5TMC 35,550 174 75
K5KDX 25,461 130 69
W5HPQ 24,708 131 71
K5WW 20,085 103 65
KB5FSV 11,385 73 55
W5GA 11,376 79 48
W5AJ 6,192 48 43
WT5U 3,861 40 33

6

K6TA 281,232 506 186
N6QQ 172,368 437 133
W6TK 68,688 217 106
N6MW 68,400 200 114
WA5VGI 60,543 220 93
K6RIM 53,607 169 107
KC6X 49,707 267 63
W6DR 28,080 123 78
K6GEP 26,289 130 69
N2NS 23,328 163 48
K6GT 16,686 103 54
N6NC 13,104 106 42
K6RR 10,350 75 50
W6RQ 10,296 89 39
K6lll 9,588 68 47
W6SZG 6,912 49 48

KE6QR 594 19 11
WB1DSJ 312 13 8

7

W7ZR 216,600 484 152
W7RN (K6RC, op)
154,413 404 129
NQ7R 131,712 347 128
W7UT 82,125 367 75
W7YED 70,380 261 92
W7MD 69,015 230 107
K7KH 57,618 197 99
W6SA 47,730 190 86
K7SA 38,628 164 87
N7FLT 36,972 159 79
K7VI 33,300 151 74
W7WHY 32,175 173 65
W7SW 27,378 170 54
K7VIT 26,460 141 63
KE7FBY 16,200 93 60
K7MZ 10,692 135 27
W6JYT 6,903 62 39
W7SST 6,528 65 34
N1KEZ 5,250 51 35
AF7O 690 23 10
AK7S 168 8 7

8

N8TR 940,032 1,095 288
WT8C 355,446 552 217
W8MJ 328,548 542 209
W8HC 253,935 497 171
AC8E 221,400 436 180
W8JY 177,828 410 146
AA8LL 173,745 359 165
K8AZ 171,363 239 239
N8BI 155,925 304 175 C
K8LY 94,518 277 118
K1LT 65,400 205 109
AJ1M 59,724 160 126
W8TAH 22,815 121 65
W8CZM 4,884 46 37
N4TX 4,725 45 35
N8KOJ 4,212 41 36
N8CBW 2,025 28 25
K3WA 1,449 23 21

9

WO9Z 399,126 614 221
N2BJ 392,805 655 203
N9ZM 154,512 350 148
W9GIG 101,844 248 138
N9MW 88,944 284 109
K9UQN 47,478 194 82
KA9FOX 29,493 114 87
N9BT 969 19 17
AA9DY 147 7 7
KM0TO (AA9DY, op)
12 2 2
KA9TYS 12 2 2
KA9TYR 12 2 2

0

K0KX 308,052 520 199
K0RI 306,261 523 199
N0AT 246,963 442 191
KROB (AF9T, op)
226,590 460 166
AB0RX 213,189 400 179
K0RC 201,720 410 164
KE0L 103,740 266 130
NT0V 97,860 237 140
W0TT 97,857 250 131
W0MJN 96,954 293 113
N0HR 88,935 248 121
WA0MHJ 85,410 224 130
KC0DEB 46,368 166 96
WB0N 45,105 157 97
NR0L 24,495 116 71
W0LM 23,976 111 72
N0ODK 22,656 123 64
K4IU 18,915 99 65
N0KM 17,808 108 56
WB5MFI 14,280 86 56
W4RK 14,025 86 55
AA0AW 12,150 75 54
N0UV 9,945 67 51
KS0T 8,928 63 48
N0UU 6,840 77 30
N0OJ 6,405 63 35
NS0B 4,440 40 37
N0BK 3,840 40 32
NU0J 960 23 16

KC0YDZ (@ W0AR) 243 9 9

Canada

VE3UTT (W1AJT, op) /52, /6U 995 255
 VF7KS 161,700 391 140
 VE1DHD 99,900 303 111
 VA3EC 76,356 256 101
 VE3XAT 65,068 194 113
 VE3BK 63,000 216 105
 VE6JY 59,940 185 108
 VE1RAR 34,560 152 80
 VE3JI 20,748 93 76
 VE3EY 9,180 69 45

Multipoperator Single Transmitter

1

N1MM (+ N1KF) 1,408,212 1,552 306
 W1QA (@NC1)(+ K8PW, NC1) 1,250,676 1,425 294
 N1FD (WB1ADR & KA1ARB, ops) 613,818 851 243

2

NA2U 481,360 726 226
 W2XL (+ KM2O, KC2NE, WW2DX) 450,268 644 236
 N2BZP (+ WA2JAK) 263,667 507 179
 AB2DE (N2KPB, KC2QYC, KC2NZ, K32YJT, ops) 230,010 432 187
 KC2NB (+ W2VTK) 176,700 391 155
 W2XT (+ W2OZO) 139,464 304 156
 W2RDX (K2RRC, N2VX, K2RNY, K1FY, N2CK, ops) 37,800 160 84

3

K9RS (+ N3D00) 1,749,030 1,750 337
 W3MF (+ K3PH) 688,848 912 254
 KD3TB (+ K3FMQ, KD3RF) 217,350 424 175
 K3MJW (K3MD, N3PUR, AB3ER, WC3O, KB3OMB, KE3LZP, KB3NGZ, ops) 116,467 320 129

W3LJ (+ K3NCO) 73,326 207 121
 W3ZGD (N3VUH, K3M3B, N3JLQ, ops) 7,440 62 40

4

W17A (+ N3IA, W4TNX, NW4V) 1,095,615 1,275 291
 W3GQ (+ W3ZL) 577,200 751 260
 NT4D (+ W4KAZ) 404,268 580 236
 W4NC (W2DZO & K4HC, ops) 152,928 362 144
 K4GUO (+ K4ZWQ, K4CZ) 152,019 401 127
 N4BP (+ GW4JUN) 134,244 401 113
 NB3O (+ K3TM) 131,298 283 158
 WU4N (N4PJ & K4CBE, ops) 41,310 153 90

5

K5NA (+ K5DU, K2UR, AB5K, KU5B, K5SU) 1,122,864 1,225 314
 W5WP (+ KA1NUN, N5G6) 453,618 647 237
 K5UA (+ NA5Q) 210,195 423 173
 W5LCC (WA5VSK, KC5CPK, KC5MVZ, KD5GJE, N5XTR, ops) 26,334 110 77

6

WGWB (W6WV, K67M, K6WG, AD6E, N6KJ, ops) 739,545 1,076 235
 KG6OJB (+ NT6K) 121,404 305 134
 AE6AY (+ W6JEX, K1BKH, K1BLS, KF6PQM) 40,014 185 78
 K6TWT (+ W6H8, K1TWE, op) 24,738 133 62 B
 NE6M (+ K1VHR) 8,208 75 38

7

N7AP (N7RQ & K8IA, ops) 542,256 877 208

WX7P (+ K7OX, N7DRK, N7CKJ, K5UJU, KE7BWN, KD7BE) 1R1,959 479 131

W7TVC (KD7VIK, WS7L, K7CIE, KD7NHJ, AD7IS, AD7OG, K7AW3, ops) 31,080 155 70

KG7C (+ K7UT) 12,282 95 40

K7DPS (N7X/Q, KC7AQZ, WB8SGF, WA7MNL, ops) 9,379 93 37

8

N8HC (+ K18BV, K8HLH, WA1FKT) 11,550 76 55

9

KD9ST (+ WY9D, KA9SQR, KB9EXE) 487,578 670 247

0

N0MA (W7II, N0MMA, N0LNO, KC0YGW, KC0SKM, ops) 79,550 238 118
 KCJA (+ K0JE) 73,584 234 112
 AK9D 12,240 88 51
 W0EF (WB0N, K0BUD, W0RDT, ops) 5,328 50 37

Canada

VE6AC (VE6TC, VE6KC, VE6WSI, VE6BN, VE6CL, VE6LK, VA6LH, ops) 121,401 339 123
 VE7DWA (J177W & I W7FNF, ops) 15,075 78 67

Multipoperator Two Transmitters

WE3C (+ W3FV, N33Q, KQ3V, N33E, W33FZ, KQ3F, KF3B) 3,005,290 2,545 390

N3RS (+ K3EST, N3RD, N3ED, N2SR) 2,549,136 2,345 368

KB1H (+ W1JL, AA1CE, K1EBY) 1,665,346 1,680 339

W4RM (+ W4NF, W7TY, K5OF, K4RG, K4UVA, W4MFM, W4DC, K4GUN, W4AD) 1,622,487 1,768 311

K0TV (+ K1BS, K1HI, K1UZX, K2TE, KB1NYQ, N1CE, W1ZZ, W01N, ops) 1,324,929 1,434 313

K2AX (+ K3ZT, KC21N, N1HK, W2HUS, W2MC) 1,034,241 1,183 299

NE3F (+ K3OW, W3CF, KB3GWA, N33V) 904,134 1,184 266

W2ZQ (AB2IO, K2QM, KC2DLA, N2EA, WA2VYA, ops) 767,308 1,013 258

VE3RM (+ VA3NPL, VA3YQJ, VE3AP, VE3TKN, VE3WIB)	656,424	1,032	216
W2CG (+ W2ND)	649,740	906	245
WA3EKL (+ K3ZZ)	626,934	367	253
K3DI (+ W3UL)	622,440	310	260
W3CC (+ N3GNW)	524,610	577	261
W2YC (+ N2CQ, W0MHK, AA2WN)	477,015	571	245
W3ZZ (+ K8ISK)	464,283	575	237
K3IDX (+ K2RD, KH8A, W80AT)	342,912	514	188
K1KP (+ KB1N0W)	210,924	435	162
VE6FI (+ VE8AQ, VE8UFO, VE8KD)	151,200	381	140
WD4LER (+ K4WNV)	138,474	325	147
WX3B (+ N3YIM)	82,296	221	127
K9A	75,078	198	129
K3IU	47,784	192	88

Multioperator Unlimited Transmitters

K3LR (+ N2NC, KM3T, N8RV, WM2H, K3UA, W2RQ, N3GJ, K1AR, N2NT, K1DG, K8CX, K8MR, N3RA, N3SD, N9JA)	4,047,615	3,170	429
W3IPI (+ K1NDV, N1IN, K1RZ, W2XR, W3DT, A13M, K3MM, K3RA, N3ST, WR3Z, KD4D, K4ZA, AC6WI)	3,695,538	2,966	421
W1UE (+ K1DM, W1FJ, K2TJ, KT1D, W1NR)	2,600,040	2,329	376
K1CX (K1GQ, KA1K, W1FV, WA1Z, WU1M, ops)	2,523,204	2,306	366
K1TTT (+ K1EP, K1MK, K2WR, N1AW, N1JF, W1EQO, W1MAW, W1TO)	2,333,100	2,249	350
W4ML (K2WK, K4ADU, NK4I, W4IZ, W4MYA, WK4Y, ops)	1,603,719	1,566	351
W3PP (+ K1RY, K3WI, KW3Z, N3ME, N3RRR, WB4FDT)	1,567,800	1,597	335
N6RO (+ K8AW, K8YC, K0UK, W8SS, WA6O, K8VVA)	1,107,600	1,435	260
K7ZSD (+ K7RX, W7ZB, K7Y, K7ZS, NC7M, K7RF, K0SD, K7AR, K0RNE)	816,447	1,316	227

W0AIH (+ K0TI, K0YR, KB9OWD, K9MU, K0CD, AC0KM, K0TCP, K0TG, KC0RVA, K8AH, NE9U)	671,439	874	263
NQ4I (+ W5LE, VE7ZO)	542,322	733	249
KB5TX (K4RMC, W0CB, W5XW, KM5Y, N5BB, KK5RZ, AA7FW, KE5NUQ, W05F, W8WGE, K0PDC, ops)	110,460	274	140
KB0HH (+ KE5OHL, K0SDPT, KA0KC, W0DX)	92,740	254	131
K7RST (K7DX, K7LM, N3SRU, AK7AR, N7SCL, K7DON, N3KJ, ops)	75,264	244	112
K6LRG (K6CMD, N6SPP, K1BBN, K6VUC, K6B, K7BYL, K6EWN, ops)	40,506	170	86
KC8YXF (@ KC8SIV) (KC8SIV, N8MRC, AB8KP, KC8ZPI, KC8UXN, ops)	17,739	90	73
K9AIH (+ W9CDL)	5,148	47	39

DX Single Operator

Africa

Morocco			
5C5W (CN8KD, op)	118,248	779	52 20
CN8YE	1,584	33	16 20

Madeira Islands

CT3BD	9,717	82	41 C
CT3DZ	82,656	582	48 80

Canary Islands

EA8CDI	107,784	512	72 B
EA8OM	11,466	99	39 B
EC8ADW	26,187	209	43 20
EA8BHD	2,805	55	17 20
FARAIW	1,944	36	18 20
AO8A	297,882	1,764	57 40

South Africa

ZS6/HA3LN	11,772	112	36 40
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Antarctica

Asia

Israel

4Z1UF	19,008	146	44 C
4Z5LA	34,056	266	43 20
4Z5MV	1,209	31	13 B 20

Kuwait

9K2K	69,090	498	47 20
9K2HN	7,644	98	26 20

Singapore

9V1UV	180	11	6 C
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China

BD1FBV	24	5	2 20
BD1ISI	0	0	0 20
BA1ALC	45	6	3 40
BD7IXG	24	4	2 40

South Korea

IL5YI	216	13	6 20
DS5KJR	180	12	5 20
DS2NMJ	12	4	1 40
6K5YPD	-3	1	1 40

Thailand

E21YDP	135	9	5 20
HS0ZCW	120	8	5 B 20

Japan

JA1CG	11,433	104	37 A
JA2DLM	10,800	100	36 A
JR4DAI	6,040	04	24 A
JR1NKN	195	13	5 A
JH1UYB	117,030	473	83 B
JG2REJ	5,508	68	27 B
7J1AQH	3,534	63	19 B
JA2GHP	1,260	35	12 B
JH3PTC	1,131	30	13 B
JA2PFO	1,050	25	14 B
JA2KPW	567	22	9 B
JA1XPU	552	24	8 B
7N2TRM	420	15	10 B
7N4CPT	72	6	4 B
JA1ELY	444,960	1,264	120 C
JR3NZC	142,065	628	77 C
JA7COI	51,948	339	52 C
JQ1BVI	44,988	340	46 C
JA7BME	35,814	259	47 C
JA2AXE	33,549	221	53 C
JH3PRR	21,543	167	43 C
JO1WKO	11,340	109	35 C
JR2PMT	7,446	74	34 C
JF2FIU	7,332	95	20 C
JA3LEZ	3,780	86	15 C
JE8CLT	2,400	40	17 C
JA7ZP	2,268	37	21 C
JA9CCG	546	27	7 C
JE7YSS (7N4TEN, op)	3,471	90	13 15

JL10XH 3,276 86 13 15
 JH3DMQ 48 8 2 A 15
 JH1LAI 3 1 1 B 15
 JA4CBX 0 0 0 15
 JH7XMO 99,504 723 48 20
 JA2PAC 71,346 525 47 20
 JA7NVF 63,714 531 41 20
 JH7XGN 48,360 417 40 20
 7K4XNN 45,234 368 42 20
 JH7QXJ 41,160 348 40 20
 JA3AOP 31,524 286 37 20
 JA7BJS 27,300 333 28 20
 JE1LFX 15,756 208 26 20
 JN1NDY 14,181 174 29 20
 JG2KKG 5,760 98 20 20
 JH2FXK 4,608 66 24 20
 JF1TEU 2,754 54 17 20
 JH8FIH 2,451 43 19 20
 JA6DUJ 1,833 47 13 B 20
 JE2DJC 1,794 46 13 20
 JF2VAX 1,716 44 13 20
 JH1UUT 1,440 41 12 20
 JE1NQH 1,050 25 14 B 20
 JA3UWB 1,020 34 10 20
 JH2BTM 810 30 9 20
 JH7DUM 792 24 11 C 20
 JH0EPI 720 30 8 20
 JA8JI 675 26 9 20
 JA4AQR 600 25 8 20
 JK1NSR 324 18 6 20
 JA1ANF 288 16 6 20
 JA1IZ 240 10 8 20
 JE1GZB 165 11 5 B 20
 JA3DAY 150 10 5 20
 JJ2PUG 135 10 5 20
 JO3EVM 108 6 6 20
 JA1KEB 84 7 4 20
 JA3AVO 18 3 2 20
 JH1RDU 252 12 7 40
 JR4URW 135 9 5 40
 JH1ALP 84 7 4 40
 JR1BAS 72 6 4 40
 JK1TCV 63 7 3 40
 JM2RUV 12 2 2 40
 JA1HG 0 1 1 40
 JE1SPY 180 12 6 80

Lebanon

OD5ET 1,584 33 16 20

Turkey

TA1DX 1,482 40 13 20

Asiatic Russia

UA0CNX 1,980 60 11 20
 RW0CV 1,392 60 8 20
 RU9WZ 162 10 6 20
 UA0DC 285 19 5 80

Kazakhstan

UN9L 1,080 30 12 C
 UN7QF 300 11 10 20

Hong Kong

VR10XMT 315 22 5 20

India

VU2PTT 48 4 4 20

Europe

Monaco

3A/EA1DVY 1,512 31 18 B

Croatia

9A3QB 3,075 41 25 B
 9A1UN 1,776 38 16 15
 9A5YY 378 14 9 20
 9A50KDE (9A2VR, op)
 6,336 96 22 80
 9A5MT 336 14 8 80

Portugal

CT1ILT 493,962 1,253 133 B
 CT1EAT 189,240 676 95 C
 CT1BOL 159,300 600 90 C
 CT1HIX 12,168 107 39 C
 CT/LZ3ND 8,439 97 29 20
 CT1IDW 36 5 4 20
 CT2ITR 91,509 658 47 40
 CT2GSN 8,262 105 27 40
 CT2HHM 231 12 7 40

Azores

CU2AF 14,043 158 31 160

Fed. Rep. of Germany

DJ3GE 378 14 9 A
 DL6DCD 5,796 72 28 B

DL0XX 36 4 4 B
 DL9BCL 10,500 103 35 C
 DL9EO 8,748 82 36 C
 DK8EY 510 19 10 C
 DL1Z (DF3KV, op)
 92,826 586 54 20
 DJ6QT 70,650 480 50 20
 DL1DXA 18,768 189 34 20
 DK1QH 17,646 175 34 20
 DL4WA 9,021 98 31 20
 DR4G (DU0GM, op)
 8,829 113 27 20
 DJ1AA 6,408 92 24 20
 DJ6TK 4,992 64 26 20
 DL4YBP 3,519 52 23 20
 DL7CK 2,820 51 20 20
 DL4RCK 2,700 45 20 20
 DK7FP 2,520 42 20 20
 DL3ZAI 1,755 39 15 20
 DK7ZH 1,560 41 13 20
 DG1LS 1,248 33 13 20
 DG7RO 1,152 28 16 20
 DL1NEO 936 24 13 20
 DL2AA 648 18 12 20
 DL9LM 231 11 7 20
 DL4EAX 96 8 4 20
 DJ2YE 210 11 7 40
 DF2UU 1,296 27 16 160

Bosnia-Herzegovina

T94LW 51,282 420 42 20
 T94WG 594 18 11 20
 T99W 26,928 284 33 80

Spain

EA3FF 1,920 42 16 A
 EA5GVZ 6 2 1 A
 EA1NE 53,625 283 65 B
 EE7R 25,668 190 46 B
 AN1A 21,666 158 46 B
 EC1AJ 12,636 115 39 B
 EA3KT 10,200 110 34 B
 AM4L 9,345 90 35 B
 EA1OT 9,306 97 33 B
 EA2CCG 7,134 85 29 B
 EA1YG 3,675 49 25 B
 EC5AAJ 2,214 43 18 B

EA4KR	1,231,038	2,547	162	C
EA5DFV	565,134	1,473	131	C
EA1KY	219,450	791	95	C
EA4PL	216,630	843	87	C
EA1APV	168,918	618	94	C
EA4RCT	147,651	635	79	C
EE3R	143,796	542	92	C
EA3ATM	116,025	430	91	C
EA1GDX	114,756	549	73	C
EA5ON	89,895	466	65	C
EA1EVS	9,030	93	35	C
EA7ZY	90,882	601	51	20
EA1CBX	81,702	542	51	20
EA5AID	46,893	326	49	20
EA5MB	36,162	295	42	20
AO1Y	28,842	257	38	20
AO1A	28,350	231	42	20
EA4TD	27,600	238	40	20
EA3AKA	11,616	121	32	20
EB5GGC	7,656	90	29	20
EA3NA	4,680	69	24	20
EA5TN	3,420	57	20	20
EB1EWE	2,430	46	18	20
EA1GFP	2,052	43	19	20
EA3BJM	1,296	24	18	B 20
EA5CZM	528	16	11	B 20
EA7HE	312	13	8	B 20
EA3FHP	240	10	8	20
EA3BOX	39,600	344	40	40
EE3E (EA3ELZ, op)				
	2,268	55	14	40
EB1TR	912	20	16	40
EA1AAW	450	16	10	40
EC1KR	10,266	126	29	80
EA3CEC	60	5	4	80
Balearic Islands				
EA6AZ	9,207	103	31	C
Ireland				
EI4GXB	37,044	255	49	B
EI9HX	168,093	997	57	20
Moldova				
ER3CT	189	10	7	20
Estonia				
ES5RW	975	25	13	160

Belarus				
EU1AZ	3,717	59	21	20
EU1DZ	12	2	2	20
EU3AR	9	3	3	160
France				
F5BEG	27,531	162	57	A
F1RHS	15,738	122	43	B
F2RO	7,350	71	35	B
F4CUI	6,723	83	27	B
F6CYT	1,296	28	18	B
TM1W (F5HRY, op)				
	302,412	1,757	58	20
TM9R (F5FLN, op)				
	223,416	1,299	58	20
F5UFX	70,413	487	49	20
F4BKV	46,311	360	43	20
F6DRP	11,904	134	31	20
F5SDD	4,368	56	26	20
F5LIW	4,221	67	21	20
F5GGL	4,032	67	21	20
F5ODA	2,970	55	18	20
F4EKV	1,887	43	17	20
F8ADY	1,734	36	17	20
TM5C (F6CTT, op)				
	135,216	945	48	40
F6KCP (F5VHN, op)				
	210	10	7	160
England				
G0KDS	12,480	105	40	B
G8MIA	4,860	60	27	B
G0VOK	3,120	53	20	B
G4BUO	665,760	1,532	146	C
G4MKP	13,332	105	44	C
G3LUW	8,712	90	33	C
G4ATA	6,279	95	23	C
M0WLF	98,838	652	51	20
G4ERW	28,197	246	39	20
G3YJQ	11,904	131	31	20
G4IUF	4,800	83	20	20
G4WGE	4,410	70	21	20
G0MTN	2,400	50	16	20
G7RTI	180	11	6	20
G0SAC (G4WGE, op)				
	168	8	7	20

G4SGI	60	5	5	20
M/KC9ECI	36	4	3	20
M0KNG	24	4	2	20
G8ZRE	0	0	0	20
G4NXG	1,110	37	10	40
M3RCV	378	18	7	80
Northern Ireland				
GI4AAM	1,734	36	17	20
GI5K (MI0LL, op)				
	38,961	357	37	80
Scotland				
GM7V (GM3WOJ, op)				
	116,766	502	78	C
GM7R (GM0NAI, op)				
	2,772	45	21	C
MM0GOR	2,508	44	19	20
MM0ERK	1,512	36	14	20
GM3PPG (G4BYB, op)				
	60,888	480	43	80
Guernsey				
MU0GSY	4,200	58	25	B
Wales				
MW0YDX	2,907	52	19	B
GW4BLE	896,436	2,041	148	C
MW7A	24,300	232	36	20
MW0CRI	9,888	104	32	20
Hungary				
HA6IAM	36	6	4	A
HG7T	0	0	0	15
HA5MY	8,268	108	26	20
HA5AWT	528	16	11	20
HA1CW	513	19	9	20
HA8BE	27	3	3	160
Switzerland				
HB9TSU	2,160	47	16	B
HB9CXZ	266,442	744	121	C
HB9AUS	30,618	245	42	C
HB9TSA	1,575	35	15	20
HB9LCW	7,704	110	24	40
HB9CIP	20,520	205	36	80
Italy				
IK5RUN	13,176	123	36	A

IK3XTY	2,346	47	17	A
IZ5EBL	106,002	478	78	B
IW1ГPK	7,722	100	26	D
IZ3GNG	7,584	79	32	B
IW0HLZ	6,300	84	28	B
IZ2ABN	3,234	50	22	B
IW2MZX	2,040	34	20	B
IZ5ILK	1,287	33	13	B
Г9JDH	1,035	23	15	B
IK1WEG	780	21	13	B
IZ4AFW	720	20	12	B
IZWIJ	214,107	677	107	C
IU9A	51,336	377	46	C
IZ3KNK	26,250	177	50	C
IH1W	9,324	111	28	C
Г9ESW	7,524	78	33	C
IZ8MXB	1,836	37	18	C
Г9HUV	240	13	8	15
IW1QN	150	10	5	15
Г9SIX	236,493	1,393	57	2U
Г9RBW	173,472	1,125	52	20
IZ8EPX	103,116	681	52	20
IR2M (Z2FDU, op)				
	97,950	663	50	20
IHA	89,376	620	49	20
IY3EPO	47,880	411	40	20
Г9XTP	40,221	340	41	20
IW5EFX	15,444	149	36	2U
IK2SGB	13,113	142	31	20
IK4VET	12,096	128	32	20
IZ5ASZ	9,639	119	27	20
IK2QLX	5,676	87	22	20
IZ5GHD	5,082	77	22	B 20
IZ8FBU	5,040	82	21	20
Г9RGY	4,686	72	22	20
IZ0EHL	4,464	64	24	20
IZ7CDB	3,180	53	20	20
I71GIT	2,970	50	22	20
IZ8MBW	2,646	50	18	20
IK0IITM	2,592	49	18	20
IK1LJO	2,112	45	16	20
IZ2JCD	1,710	42	15	20
IZ8FTW	1,260	30	15	20
IY3BKH	960	20	16	B 20
IW4ECI	864	25	12	20
I1BAY	828	26	12	20

IZ1MHS	468	13	12	B 20
K2CFD	378	14	9	20
IW0GYC	252	15	7	20
IZ2DII	144	9	6	20
K2IKW	60	5	4	20
IR2C (IK2NCJ, op)				
	43,173	356	41	40
IZ8FWN	6,402	99	22	40
IZ4NIC	26,356	265	34	60
K1HSS	5,934	86	23	80
K8UND	1,845	42	15	80

Sardinia

IS0LLJ	5,589	75	27	B
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Norway

LN3Z (LA8YEA, op)				
	52,026	381	46	20

Lithuania

LY3CY	36	4	3	C
LY2OX	3,024	66	16	20
LY4G	756	20	14	20

Bulgaria

LZ1WJ	48	4	4	B
LZ1ND	5,148	69	26	C
LZ9X (LZ1RB, op)				
	24,150	241	35	20
I757	2,862	59	18	20
LZ5W	8,496	128	24	40
LZ2FM	12	2	2	40

Austria

OE4A (OE1EMS, op)				
	927,078	2,100	149	C
OE9MON	4,080	80	17	40
OE6MBG	9,594	124	26	80

Finland

OH8X (OH8NC, op)				
	115,995	711	55	20
OH2KI	864	18	16	20

Czech Republic

OK2BGF	3,402	57	21	B
OK1KZ	2,100	36	20	B
OK2BEN	1,938	34	19	B
OK1SMJ	162	9	6	B

OK2SAR	48	4	4	B
OK1MMN	2,646	49	18	20
OK1WCF	1,405	34	15	00
OK6Y (OK2PTZ, op)				
	162	10	6	80

Slovakia

OM7YC	975	27	13	20
OM5M (OM2IB, op)				
	36,741	340	37	80

Belgium

ON7ON	1,734	36	17	C
ON4CT	9,072	110	28	20
ON4AST	5,112	71	24	20
ON4AEY	2,322	43	18	20
ON5WL	378	14	9	80

Faroe Islands

OY9R	684	19	12	20
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Denmark

OZ1ACB	2,070	46	15	B
OZ1DGQ	612	18	12	B
OZ8PG	1,296	27	16	20

Netherlands

PF7KP	1,800	40	15	A
PA1CM	8,484	101	28	B
PA3FMC	3,450	50	23	B
PD2JAM	2,304	51	16	B
PD7BZ	1,218	30	14	B
PA2CVD	990	25	15	B
PG1R	966	26	14	B
PA0CGB	924	22	14	B
PA0RBA	702	19	13	B
PA3DBS	690	25	10	B
PA8TWN	3	1	1	B
PA0JNH	19,800	134	50	C
PA0LOU	18,876	147	44	C
PA0JIM	1,683	34	17	C
PA9DD	1,680	30	20	C
PA3AAV	14,484	145	34	20
PD2R	7,308	118	21	20
PD2DX	5,475	75	25	20
PA3EVY	4,788	76	21	20
PA2C	4,405	65	23	20
PA1WLB	3,564	70	18	20

PA5VK	3,087	53	21	20	SP4LVK	126	7	6	20	US0YW	594	18	11	20
PA0VST	1,479	30	17	20	SP2AVE	108	7	6	20	UX0UW	432	19	8	20
PA9HR	1,260	30	14	20	SP3LPG	1,044	33	12	40	US4IYM	216	9	8	B 20
PA2W	759	23	11	20	SN3A	56,394	496	39	80	UR4IXM (US6IPD, op)	36	4	3	20
PA8KW	324	14	9	20	SP9CLO	36	5	3	80	US5IND	18	3	2	B 20
PG2AA	126	7	6	20	Iceland					UZ7M (UT8MZ, op)	75	6	5	40
PD1DX	8,568	143	21	40	TF3CW	14,040	122	39	20	UT2II	8,184	128	22	80
Slovenia					TF3AM	6	2	2	20	Latvia				
S50K	235,200	1,419	56	20	Kaliningrad					YL7X (YL2LY, op)	5,940	66	30	C
S51DX	119,034	789	51	20	RW2F (UA2FB, op)	42,048	295	48	20	YL4U	2,700	45	20	20
S53M (S51FB, op)	36,540	292	42	20	UA2CZ	1,215	29	15	20	YL2BJ	210	10	7	20
S51F	10,125	125	27	20	UA2FT	60	5	4	160	Romania				
S53DUJ	297	11	9	20	European Russia					YO3CZW	5,508	68	27	B
S59T	264	11	8	20	RD6LP	360	13	10	B	YO2MHD	1,071	25	17	B
S59EIJ	144	9	6	20	RU4CS	3	1	1	B	YO9FWX	450	15	10	B
S56DX	126	7	6	20	RN3ZC	4,125	57	25	C	YO3HKW	8,910	100	30	C
S53S (S52X, op)	65,016	529	42	40	RK4FD	819	23	13	C	YR1C (Y04NA, op)	38,844	335	39	20
S57DX	5,520	96	20	40	RZ1ZZ	17,388	163	36	20	YQ6A (Y08BHN, op)	5,508	68	27	20
Sweden					RW1CW	3,960	60	22	20	YO2MAX	2,640	47	20	20
SM6WET	1,218	29	14	20	RW4PL	2,850	50	19	20	YO6KNE (Y06CFB, op)	2,430	45	18	20
SM0BDS	741	19	13	20	RA6YY	2,223	39	19	20	YO8WW	1,638	42	14	20
SF7WT	312	13	8	20	RD4WA	1,764	44	14	20	YO4ATW	900	26	12	20
SM6AHU	189	9	7	20	UA1AQA	1,392	30	16	20	YO4BTB	504	16	12	20
SE5X	75	6	5	20	RA6YDX	1,350	30	15	20	YO9IKW	504	14	12	20
SM6IQD	75	5	5	20	RV4HC	1,092	28	13	20	YO9BXC	459	17	9	20
SF3E (SM3EAE, op)	72	6	4	20	RU6HJ	510	18	10	20	YO3DLK	210	11	7	20
Poland					UA6LPY	459	17	9	20	Serbia				
SP4SHD	2,622	38	23	B	UA3LHL	270	12	9	20	YT9A	22,263	187	41	C
SP9NWN	1,581	33	17	B	RA3TT	90	6	5	20	YU2A	13,653	112	41	C
SN8R (SP8ONZ, op)	63,450	445	50	20	RX3AEX	48	4	4	20	YT2T	176,742	1,122	54	20
SO9Q	42,354	372	39	20	RW3AI	18	3	2	20	YT0W (YU1JW, op)	160,680	1,071	52	20
SP3GHK	2,640	44	20	B 20	RA3WCG	0	0	0	20	YT5C	19,992	200	34	20
SP2GJI	2,520	44	20	20	Ukraine					YU7KM	2,754	54	17	B 20
SN9U (SP9UMJ, op)	2,040	40	17	20	UU7J (UU5MAF, op)	130,725	536	83	C	YU5T (YU1JU, op)	2,550	50	17	20
SP1MWF	1,989	43	17	20	US5D (UT7DX, op)	66,129	473	47	20	YU2DRA	450	15	10	20
SP1RKT	1,440	34	15	20	UT9MZ	10,875	151	25	20	YT2AAA	405	15	9	20
SP6LUV	792	25	11	20	UW5U	3,717	65	21	20					
SO4MP	459	17	9	20	UR5AS	1,824	38	16	20					
SP9CLU	378	15	9	20	UY5ZZ	1,800	41	15	20					
					UX2X (UT2XQ, op)	1,485	35	15	20					

YU9DX 273 13 7 40
 YU1GUV (Y11AA, op)
 90 6 5 80

Macedonia

Z36W 12,096 112 36 B
 Z35X 2,499 50 17 20

North America

Barbados

8P6EX 942,840 1,773 180 B
 8P1A (W2SC, op)
 6,938,652 7,734 301 C

Cuba

CO6LP 68,328 298 78 A
 CO7PH 210,840 1,283 56 20
 CO8TW 67,914 472 49 20
 CM8GJ 11,484 140 29 40
 CM6CAC 135,150 877 53 80
 CM6RCR 64,512 481 48 160

Martinique

TO5A 3,523,590 4,674 255 C
 FM5AN 189,810 716 90 C
 FM1HN 76,395 487 55 20

Dominican Republic

H13T (H13TE.J, op)
 502,503 2,882 59 20

Panama

HP3BS 768,096 2,335 112 C
 HP3AK 65,790 434 51 80

Honduras

HQ9R (WQ7R, op)
 2,553,120 3,596 240 B
 HR1RTF 251,490 845 101 B
 HQ2W (HR2DMR, op)
 1,789,728 2,941 206 C
 HR2DX 84,303 555 51 20

Grenada

J37T 22,017 184 41 B

St. Lucia

J6/WOSA 790,077 1,618 167 C

St. Vincent

J88DR (G3TBK, op)
 2,253,114 3,561 213 B

Alaska

KL7NC 729 29 9 B
 AL1G 80,934 575 47 C
 KL7OU 88,650 600 50 20
 KL8DX 36,963 333 37 20
 KL7RA 7,500 127 20 40

Virgin Islands

KP2BH 574,938 1,146 169 B
 KP2M (N2TK, op)
 4,712,642 5,328 266 C
 NP2I 2,109,240 3,411 210 C
 KV4FZ 90,384 545 56 160

Puerto Rico

NP3CW 29,151 237 41 B
 WP3GW 5,916 58 34 B
 KP4KE 221,958 1,332 57 80

St. Maarten Saba St. Eustatius

PJ7B (W8EB, op)
 69,441 297 79 B

Guatemala

TG9ANF 182,655 1,118 55 20

Belize

V31XX (HP1WW, op)
 1,605,186 2,685 201 C

Bermuda

VP9/W6PH 2,540,130 3,745 227 B

Mexico

XE1XOE 522,990 1,186 149 B
 XE2MX 450,072 1,011 152 B
 XE2HJM 280,497 740 133 B
 XE2YWH 73,041 258 97 B
 XE1EX 46,563 200 83 B
 XE2WWW 1,129,737 2,376 161 C
 XE2YBG 300 20 5 C
 XE1BY 162,657 1,050 53 20
 XE1CT 49,491 363 47 20
 XE3N 31,680 242 44 20
 XE2K 203,310 1,271 54 80

Nicaragua

HT2N (V31YH, op)
 642,510 3,676 59 20

Cayman Islands

ZF2AH 290,058 1,713 58 80

Oceania

East Malaysia

9M6YBG 720 24 10 20

Tonga

A35RK 164,736 1,063 52 15

Philippines

DU1BP 5,472 81 24 B
 DU1EG 858 26 11 B

Hawaii

KH7T 269,640 872 105 B
 KH6OA 105 7 5 B
 KH6I C (N6AG, op)
 3,193,710 4,336 247 C
 KH6FI 401,070 932 145 C
 KH6GMP 382,239 1,294 99 C
 AH6RR 63,987 283 77 C
 NH/P/E 6 2 1 B 10
 KH7Y 261,873 1,681 53 15
 KH7B 567,285 3,252 59 20

Australia

VK4FJ 1,620 30 18 B
 VK3ZPF 966 23 14 B
 VK3IO 51,504 233 74 C
 VK7GN 32,856 148 74 C
 VK3GK 2,256 47 16 C 15

Indonesia

YB0NFL 2,460 41 20 B
 YR0RC(I) 462 15 11 B
 YB2ECG 195 13 5 B
 YE1AA 630 30 7 15
 YB0EIN 624 18 13 20
 YB1UUN 252 14 6 20
 YB3KM 105 7 5 40
 YB1TJ 60 5 4 40

New Zealand

ZL4PW 49,770 216 79 B
 ZL4JB 3,900 50 26 B
 ZL2AWH 12,426 110 38 15
 ZL3A 200,592 1,203 56 40

South America

Trinidad & Tobago

9Y4LDK 142,956 862 57 20

Chile				
CE1KR	643,386	1,395	157	B
CE1UGE	264,904	736	122	D
CE3DNP	98,904	641	52	15
CE6VMO	9,477	125	39	20

Bolivia				
CP1FF	41,736	301	47	20

Uruguay				
CX4DX	35,451	305	39	10
CX1AV	129,690	803	55	15

French Guiana				
FY1FL	213,909	637	113	B

Ecuador				
HC1JQ	91,902	586	53	20
JA6WFM/HC5	15,498	123	42	20

Galapagos Islands				
HC8A (N6KT, op)	8,107,944	8,073	338	C

Colombia				
HK6P	1,060,848	1,737	212	B
HK3Q	383,904	1,005	129	C
HK3JH	159,159	1,011	53	15
HK1X	443,400	2,532	81	20

Argentina				
LU3CT	576,156	1,480	133	B
AY0DX	352,914	915	131	B
LU7HW	342,063	951	123	B
LU5EVK	111,780	417	90	B
LU7MCJ	46,482	262	51	B
LW6DW	23,715	160	51	B
LW1DB	13,158	103	43	B
LU5CAB	12,201	91	49	B
LR1A	9,030	89	35	B
LU1HF	151,488	1,082	48	10
LQ5II	86,104	716	42	10
LU9DAG	86,043	688	43	10
LU4DX	42,636	376	38	10
IU6FCV	41,514	384	37	10
LU6DU	35,442	358	33	C 10
LW1HR	24,780	249	34	10
LS1D (LW8EDC, op)	410,640	2,357	59	15

LU2QC	235,296	1,376	57	B	15
LW6EGF	41,952	312	46	15	
LU6QI	32,289	242	47	15	
LU1QAH	16,965	147	39	15	
LS2D (LU1DK, op)	254,349	1,503	59	20	
LR1H	50,058	339	54	20	
LU6KA	18,189	145	43	20	
LU5FF	12	2	2	40	
LU1FDU	50,031	349	51	80	
LU2DVV/H	3,666	47	26	C	160

Aruba					
P40A (KX0A, op)	5,317,569	6,460	277	B	
P40LE	18,960	161	40	15	
P40V (A18V, op)	679,503	3,884	59	20	

Netherland Antilles					
PJ4/DJ9HX	146,583	556	89	B	

Brazil					
PY2XAT	416,157	1,071	133	B	
PP5JN	163,737	503	113	B	
PY7VI	107,841	362	103	B	
PY2DJ	41,472	223	64	B	
PY2BN	12,546	113	41	B	
PS8DX	11,448	107	36	B	
PT9PA	9,765	97	35	B	
PY2IQ	3,936	41	32	B	
PY7EG	1,104	24	16	B	
PU8TDS	U	6	5	B	
PY2NY	1,441,710	2,504	193	C	
PY2WC	1,058,022	1,900	189	C	
PY2NDX	108,492	558	119	C	
PY5KA	113,940	429	90	C	
PI7VB	103,512	472	76	C	
PP5JY	8,910	73	45	C	
PY3CAL	240	10	8	C	
PY6PRS	12	6	4	C	
PP5NW	99,015	828	41	10	
PY2SRB	24,087	266	31	10	
PY2CX	23,544	337	24	10	
PY2ZY	19,032	257	26	10	
PU2MT8	17,230	222	26	10	
PU1KGG	14,112	199	24	10	

ZX5J (PP5JR, op)					
	581,976	3,344	59	15	
ZX2B (PY2MML, op)					
	378,426	2,157	59	15	
PY5HOT	268,509	1,545	59	15	
PY2DN	139,482	869	54	15	
PY5JO	38,778	289	46	15	
PF5JAK	28,704	214	46	15	
PY1ZV	22,560	198	40	15	
ZV5K	236,640	1,382	58	20	
PT2ND	87,696	528	56	20	
PF2RON	58,359	400	49	20	
ZV5E (PP5KE, op)					
	36,237	264	47	20	
PR7AP	97,467	642	53	40	
PY6KY	18,360	181	36	40	
PY1NB	17,496	166	36	40	
PF5KR	11,583	127	39	80	

Venezuela					
YV5EAH	707,736	1,628	148	B	
YV5NWG	393,255	983	135	B	
YY1JGT	15,990	214	26	10	
YV5IAL	39	13	1	10	
YV1CTE	291,555	1,821	55	15	
YV5LI	81,150	565	50	15	
4M5IR	377,010	2,230	59	20	
YV1FM	120,780	754	55	20	
YV5AAK	25,920	198	45	20	
YV6BXN	43,335	329	45	40	
YV5LMW	126,000	778	56	80	

Single Operator Assisted

Africa					
E48BZH	63,510	296	73		

Asia					
JF2QNM	129,540	644	68		
475MI	8,874	103	29		
JA1MZM	7,875	105	25		
JF9JTS	3,990	98	14		
JH1GUO	513	20	9		
JK2VOC	360	21	6		
JL3RDC	150	10	5		

Europe					
EA7RU	523,719	1,495	119		
DL0WW	330,948	973	116		
EA5KV	191,388	798	82		

EF1W (EA1WS + packet)			
YT6M	180,072	748	82
EA5GS	136,404	854	54
I2SVA	101,332	693	52
YP9W (YU9WF + packet)	92,058	468	67
OZ1ADL	88,396	469	64
MN2WKS	82,593	446	63
MOBUE	60,426	377	54
AM1S (EA1OS + packet)	54,774	362	51
EA5HD	53,235	277	65
S59KW	52,734	387	47
EA1WX	51,216	396	44
S54O	46,200	354	44
PE1MMZ	33,325	213	55
FF5J (FA5YJ + packet)	30,960	219	48
9A5BS	30,096	214	48
AO5WEA5DWS + packet)	28,342	258	38
OH6NIO	24,009	156	53
SQ9HZM	18,126	159	38
SP1GZF	17,286	140	43
MW0JZE	16,541	140	43
SV1DPI	14,625	130	39
F5CQ	12,264	148	28
DL8SCG	10,578	86	41
IZ4MJP	10,080	98	35
MU0FAL	9,477	120	27
OL7Y (UK180A + packet)	9,384	94	34
EA5DKU	9,306	97	33
DH0GHIJ	7,980	99	28
G3VAO	6,930	79	30
CT1ENQ	5,400	60	30
DJ9MH	5,040	57	30
EA1CS	4,704	56	28
SQ3LMY	3,213	51	21
DG5LAC	3,078	59	18
LZ4UU	1,785	38	17
RV2FW	1,440	30	16
PA5C	1,377	27	17
DK4WF	975	25	13
ON6FC	819	21	13
US0LW	750	27	10
	567	21	9

UA6AA	360	12	10
PE1FTV	231	11	7
LY6M	198	11	6
M0MCX	18	3	3

North America

KL7AIR	5,529	99	19
AL9A	378	18	7

Oceania

KH6/AA1V	100,161	371	91
YC3TKH	24	4	2
YD3IZK	0	0	45

South America

PJ2T (WE9V, op)	6,276,384	7,122	296
PY2EX	753,504	1,523	107
PY5QW	575,172	1,245	156
PY4QG	189,744	1,094	59
LU7YZ	140,292	922	54
PY5ZD	123,984	500	84
PY3PA	106,392	354	104
LU8EOT	29,356	323	32
YY4RN	27,963	249	39
LU3JVO	13,572	156	29
PT2FE	8,019	86	33
PY2BRZ	3,528	42	28
PY2HL	462	14	11
PY3OPP	288	23	16

Multioperator Single Transmitter

Africa

EA8ZS (+ EA8BYX, EA3NL, EA8AZM, EA8CAC, EA8AKN, EA8BQM)	1,556,781	2,945	181
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Asia

JA2ZJW (J12MWH, J12ASB, J12SON, ops)	134,436	667	68
J12ZEY (JA2BNV & JA2BQX, ops)	7,098	93	26

Europe

IR4X (HVEQ, HT.E, IZ3EYZ, ops)	1,319,382	2,700	150
IR4M (HFL, IK3CAR, IK3STG, IK4DCW, IK4HVR, IK4MGP, IK4VIMH, ops)	1,058,913	2,330	153
IR4T (HUFH & IZ4DPV, ops)	789,570	1,772	155
IO5O (IK5ROS, IK5RLP, IK5YJ, IZ5MFP, IZ5FKV, ops)	720,369	1,745	141

HG1S (HA1TJ, HA1DA, HA1DAC, HA1DAE, ops)	642,396	1,642	134
SN9D (SP9FOW & SP9LJD, ops)	330,964	1,009	113
HB9TSW (+ HB9UUS, HB9ELM, HB9FK, HB9FBL, HB9QAY, HB9ODK, HB9TL, HB9TJC)	275,980	778	121
9A8M (9A3BVT, 9A3XL, 9A3W, 9A4NS, 9A5ABO, 9A5ADT, 9A7DM, 9A3BPK, 9A3EVP, ops)	222,906	790	97
M0MAD (+ G0VJG, M0AEU, G4BW3, M0COH, G7BCS, G4DCV, M3WTZ, ops)	191,187	681	97
CT1DWT (+ CT2HKN, CT2QK)	140,154	670	71
I M2B (F3CIL & F4EGZ, ops)	124,948	592	72
AM5A (EA5FDM, EA5FHK, EA5GPG, EA5GUE, EB5FKD, EA5AJS, ops)	119,712	496	86
OM3RJB (OM3CD, OM3CW, OM3MB, ops)	81,558	421	69
SK6AW (SM6DED, SM6GBM, SM6U, ops)	63,018	397	54
IO4T (IK4VET, IK4XCL, IZ4HVM, ops)	62,010	322	65
EI9E (EI9DI, EI9HQ, EI7J, EI2FG, EI9GF, ops)	52,224	274	64
5Q1A (OZ1CWF, OZ1IIN, OZ3AFQ, ops)	44,900	320	46
IR6D (IW6DRH, IW6CDA, IK6LBV, IW6DTM, IK6JCT, ops)	38,313	335	43
PI4TUE (+ PHGZ, PE2YSB, PE2HD, PC5A, PA5MW, PD3VCC)	36,570	269	46
IO7I (I7FFK, DR1S, IW7NDX, IK7YXP, ops)	25,419	234	37
SA3D (SM3RAB & SM3WMM, ops)	17,199	148	39
RK3QWW (RK3QS, RK3QP, RW3QD, ops)	9,114	100	31
OK2KOJ (OK2OP & OK2ALP, ops)	3,376	69	19
SK5DB (SM5MEK & SE5S, ops)	2,907	51	19
UU5A (UJ2JQ & UU5DX, ops)	2,838	43	22
RK3AWK (RU3BH & RN3AQJ, ops)	6	2	2

North America

V26X (K1DX & W1MD, ops)	6,679,310	6,790	283
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H3C (H3CCP, H8ROX, EA4ATL, H3K, ops)	4,743,024	5,675	286
VP5H (W0GJ, K6MD, KL7YL, ops)	4,243,104	4,908	288
4A2S (XF2S, XF5Q, XF7N7DD, XF2RV, XE2JA, ops)	4,122,525	5,342	263
C6ANM (N1GN & NF1R, ops)	2,661,360	3,438	260
5J0E (K5WAF, NAL, NM5G, W5PF, W5PR, W5W, ops)	2,435,562	3,741	222
T40C (CM2KL, CM2OY, CO2EE, CO2IL, CO2WF, ops)	1,860,516	3,057	207
KL2R (N1TX, KL1JP, KL1Y, ops)	7,656	117	22
KL7Z (1, KL7FH)	792	24	11

South America

PJ4G (K2NC & H2TW, ops)	6,328,800	7,260	293
LP1H (LU5HM, LU2NI, LU3HY, LU9HS, ops)	3,596,949	5,159	237
CW6V (ZP5AZL, N3BNA, C8BVM, ops)	3,414,150	4,266	270
LT1F (LU1AE, LU1FAM, LU1FKR, LU8DX, LU8ADX, ops)	3,265,218	4,357	253
PW2D (PY2DM, PY2ZUJ, PY2BK, PY2TO, PY2VM, PU2LSM, ops)	2,967,516	3,937	258
HD2A (HG2AD, HG2AQ, HG2ED, HG2OF, HC2SA, HC2GT, ops)	2,725,560	3,518	268
LU7FJ (LU5FII, LU7FEC, LU7FNI, LU8FAL, LU5FF, ops)	1,085,230	1,938	190
CV5K (CX2ABC, CX2BE, CX8AU, CX7BZ, CX8CAP, CX8ACY, CX1ABR, CX1CW, CX8A3C, ops)	835,752	1,461	194
PR5Z (PY5ZHP & PY5YA, ops)	726,750	1,678	150
LV6D (LW3DN, LU1DAQ, LU8DJS, LW3DC, ops)	368,940	962	130
LU4DQ (LU8DY, LW1DB, LW4DAF, LW3DG, ops)	190,593	561	117
CE2LS (CE2EYN, CE2SQE, CE2RTF, ops)	181,260	562	106

Multioperator Two Transmitters

Europe

TM6M (F1AKK, F4DXW, F5ITU, F8DBF, ops)	1,935,150	3,436	190
9A7A (9A3TR, 9A3OS, 9A5X, 9A7V, ops)	845,205	1,967	145

North America

EY1V (KY1V, W4OI, K9NW, ops)	9,278,259	10,033	313
V47KP (W2OX & K3NM, ops)	5,125,152	6,428	271
T18M (I12KAC, I12JCY, W45W, W4K1H, N4JO, K4WZ, K4UN, K4WPM, ops)	4,025,112	5,154	266

South America

ZY7CPT7CB	3,494,475	5,272	225
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Multioperator Unlimited Transmitters

Asia

JA3YBK (JG3KIV, JG3MRT, JHNMT, JS1PWV, ops)	530,516	1,533	118
JA1YPA (JA1PEJ, JH1AEP, JF6DEA, JG4KEZ, JR8VSE, ops)	131,595	1,280	115

Europe

9A1A (9A5W, 9A5E, 9A7R, 9A2DQ, 9A8W, 9A8A, ops)	1,131,117	2,279	169
DR1A (DJ6ET & DJ7EG, ops)	68,076	375	62
IQ6RSMARIO DI SAVERIO	46,428	301	53

North America

T150DX (AE4GX, K40DL, K4UEE, K4UVU, N4GRN, N4HH, N4NX, ND4V, W4GKF, W4KJ, W4TE, W4ZT, ops)	8,790,390	9,613	315
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Oceania

KH7X (K18ND, K18VY, K17U, A18NF, W2FU, ops)	6,049,125	7,150	285
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