

2001 ARRL International DX Contest Phone Results

There are few things more satisfying for contesters than to see their rate meter (QSOs per hour) in the triple digit range. The beginning contesters will certainly remember first seeing their "Last 10" meter hit 100 or better. More seasoned contesters will certainly recall the first time they had a consecutive string of hourly rates topping the century mark. When you talk to any top contesters, they will be able to recount their best-ever rates—several hundred an hour won't be uncommon for most of them. It takes all kinds—great stations running, casual operators searching and pouncing, and dedicated guys who try their hand at both—to make any contest a success.

The 2001 ARRL International DX Phone contest, held March 3-4, was another successful outing. A total of 2303 competitive and checklogs were received for this year's contest—bringing the total participation for both weekends of the contest to a record 4803 entries—an increase of over 7.6% from the record set in 2000. Isn't it amazing what the right time of the sunspot cycle will do? A total of over one billion points were recorded during the contest, coming from 1,463,765 QSOs and 272,111 multipliers worked. That is almost 8.5 QSOs completed every second of the contest—over 30k an hour. How's that for rate?

While participation was great, it was difficult, but not impossible to find record-breaking scores. Jeff, K1ZM, followed up on his record-shattering effort in the DX CW contest to also bring home a new record in the W/VE Single Operator QRP category. His score of 1,917,510 shows what can be done with QRP, a great op and big antennas. Jeff's average rate for the contest period was 33.5 Qs per hour. Finishing second in the category was Tom, N4KG, with an almost 800K effort from Alabama.

The W/VE Single Operator Assisted category was a spirited contest between seasoned contest veterans Ray, W2RE, and Chas, K3WW. Once the dust had settled, Ray emerged as the victor by a score of 4,509,582 to 4,127,760. Ray's average QSO per hour rate was just over 66. Also breaking 4 megapoints in 2001



The operators at HB9AUS take a pause from their preparations. Their efforts placed fifth in the Multi-Single Category in Europe.

in the category were Saul, K2XA, and Lou, KS1L.

The other W/VE record-setting performance came in the Single Operator Low Power contest, where not one but two stations broke the old barrier. In what was also the closest Single Operator all band finish, Bill, K4XS, edged John, VE3EJ, by a mere 75K to set the new overall category record with a score of 3,186,945. John won the multiplier battle 416-405, but Bill's 2623—2421 edge in the QSO column paved the way to the win, a rate of 54+ per hour of the contest.

After having competed as a multioperator in the past several contests, John, K1AR, using the K1EA station, took top honors in the W/VE Single Operator High Power category with a winning score of 5,750,496. John lost the QSO battle by a slim 9 QSOs to runner-up Bob, KQ2M, but chalked up 25 more multipliers to post a 300K victory. John and Bob both averaged rates of at least 82 Qs per hour for the 48 hours of the contest.

Winning their respective Single Operator Single Band categories were Peter, WW2Y (160), Joe, AA1BU (80), Eric, K9ES (40), Dan W7WA (20), Jeff, W2FU (15), and Bill, W4ZV (10). None were new overall W/VE Category winners, but each withstood good challenges to emerge victorious.

Multioperator categories by their nature lead the way in rates during a

Top Ten

W/VE Single Operator, QRP, Phone	DX Single Operator, QRP, Phone
K1ZM 1,917,510	LY5A (LY2PAJ,op) 540,216
N4KG 789,192	F5BEG 302,967
W0AH 517,470	KH6/W8QZA 291,480
WB3BEL 310,596	LU1VK 235,800
KB3TS 295,074	DK3KD 138,321
N3AIU 245,310	JR4DAH 84,390
W6CN 209,139	JA2JSF 81,432
KK0Q 173,448	EA8/DK7ZH 70,587
WA8ZBT 166,605	YU1KN 68,283
N0UR 165,699	G3FNM 62,832

W/VE Single Operator Assisted, Phone	DX Single Operator Assisted, Phone
W2RE 4,509,582	S51DX 1,974,708
K3WW 4,127,760	YL8M (YL2KL,op) 990,726
K2XA 4,054,125	OD5/OK1MU 645,906
KS1L 4,028,988	RV0AR 495,963
N3RR 3,794,070	PJ7B 482,544
K1KI (KM1P,op) 3,434,400	DL4FAY 431,319
W1GD 3,259,359	JA1YNE 429,678
K3PP 2,933,595	IZ5CML 398,295
N2MM 2,833,164	DF6QV 231,813
N4AO 2,702,160	OK1KT 176,085

W/VE 160	DX 160
WW2Y 6,954	S57M 828
W2VO 1,311	PY3CEJ 360
N4PN 390	A61AO (RV6LNA,op) 240

W/VE 80	DX 80
AA1BU 45,936	CO8ZZ 117,819
W7DD 23,214	YV4FZM 91,107
K9BGL 16,968	OT1T (ON4UN, op) 83,952
K3SV 10,164	I4AVG 66,264
W4WS (N4VHK,op) 2,448	VK3DZM 28,500
K2CF 2,025	SP8BRQ 19,992
W7UT 1,890	F5QIH 12,963
K1JT 816	JA0QNJ 10,593
	IK1HSS 8,694
	EU1AZ 7,848

W/VE 40	DX 40
K9ES 35,175	YT7A 105,840
K4TX 30,144	SP7VC 87,048
W9GXR 18,954	DF3GY 70,950
AC1O 15,150	9A6A 66,654
K2LP 13,800	S52ZW 50,568
WB2AMU 11,070	UV5I (UR6IM,op) 46,305
WB2DVU 10,800	OH5W (OH2JTE, op) 41,472
N9QX 9,324	UZ5U 33,696
K8PO 8,901	YV5AMH 8,343
KB4KA 8,820	EA3GHQ 6,804

W/VE 20	DX 20
W7WA 577,791	3E1AA 497,118
K2LE 317,046	(HP1XVH,op)
WA2QNW 313,296	PY2NY 309,894
VE3XAP 154,470	82,228
(@VE3MIS)	RA9OW 281,532
W8TWA 108,810	YV5LIX 273,600
W1AW (N1ND,op) 100,362	IQ3A 271,788
K9YNF 57,591	RZ9UA 234,525
WA1MKS 55,920	YZ9A 211,410
K9CAN 52,560	PY7YL 203,661
W6/NP4IW 40,020	S51CK 174,420

W/VE 15	DX 15
W2FU 611,712	CT1BOP 388,869
W7EJ 581,160	IY4W (I4LEC,op) 309,219
W4WA 506,127	PA3GRH,op) 286,563
KS4XG 461,700	YT7KF 264,261
K6HNZ 376,629	S50R 237,858
WA7AR 308,328	OT1H 213,639
KU8E 306,456	S52Z (S53MM,op) 199,656
W7EB 292,284	IK0AZG 185,850
K5GO (K10MB,op) 265,356	YO4NF 179,301
KG0ZI 251,781	PY2TO 166,488

W/VE 10	DX 10
W4ZV 882,960	HC8Z (HC1OT, op) 655,920
K5RX 701,184	CT3BX 573,834
W5PR 626,226	KP4WWW 563,823
K9NW 593,280	PY2KC 538,935
N7DF 576,720	CT8T 429,933
N4BP 505,116	ON4UN 416,874
K4VX 487,896	(ON4MA, op)
N4ZZ 473,424	PA7FM 410,580
ND8DX 438,486	HR6/N4MO 380,373
VA3KA 437,250	ZF2AH 363,060
	S50C (S55OO,op) 354,240

contest. Those additional operators and transmitters translate to more QSOs. The W/VE Multioperator Unlimited champions for 2001 were the ops at KC1XX. At an hourly rate of over 175 QSOs per hour they were able to fend off the challenge from W3LPL's 161 per hour rate and claim the category by a score of 16,795,188 to 15,265,385.

The W/VE Multioperator Two Transmitter winners at K4JA finished with an average hourly rate of better than 2 QSOs per minute (124/hour). Their score of 10,067,106 held up against a strong effort by the ops at W2A, who averaged an hourly rate of 111 Qs. Rounding out the W/VE Multioperator efforts was the great Multi-Single effort posted by the crew at K8AZ, whose score of 4,302,252 computed out to just shy of 1 QSO per minute (59/hour), about 1 QSO per hour more than runner-up KY2J.

DX participation in 2001 was good, though not at a record level. Leading the charge in the DX Single Operator QRP category was Jonas, LY2PAJ, operating as LY5A. His score of 540,216 topped the second place effort of Gerard, F5BEG by nearly 238K points. Jonas's average rate of 20 Qs per hour was a good effort. Taking top spot in the DX Single Assisted category was Janez, S51DX with a score of 1,974,708. This easily topped the score of YL8M, with Girts, YL2KL as the operator. Janez's rate of nearly one QSO per minute (54/hour) was one key to his decisive win.

Kurt, VP9/W6PH, led the way in the DX Single Operator Low power category with an average hourly QSO rate of 57+ per minute and a score of 2,109,216. Category runner-up Pedro, HK3JJH, ended up with a rate of better than one per minute for the contest period, but ended up trailing Kurt in the multiplier count by 51. This is a good example that while rate is important, it isn't the only key to winning the contest.

The champion of the DX Single Operator High Power may have operated from the Cayman Islands, but Paul, K9PG, operator of winning station ZF2NT, is a resident of the Chicago area. Paul literally had a "field day" averaging an outstanding 183 Qs per hour for the contest period. Calculate in 431 multipliers and his winning score of 8,981,940 was a runaway category winner. Finishing second in a hard fought battle, was P40W, with John, W2GD, as the operator, who edged out Martti, EA8BH by a scant 85K points.

Congratulations go to the DX Single Operator Single Band champions of 2001: Bojan, S57M (160), Raul, CO8ZZ (80), Atilla, YT7A (40), 3E1AA (Guenther,

Top Ten							
W/VE							
Single Operator, Low Power							
	Score	160	80	40	20	15	10
K4XS	3,186,945	14/11	65/45	171/58	698/92	536/100	1139/99
VE3EJ	3,111,264	12/10	80/45	119/61	453/93	1021/104	808/103
VO1MP	1,783,992	1/1	160/58	123/56	288/75	405/95	540/107
KS1J	1,580,391	5/5	37/31	81/52	356/73	338/76	794/90
K2PS	1,492,050	1/1	41/31	81/46	293/83	403/86	631/96
K1VR	1,421,508	0/0	75/43	123/58	302/82	263/81	568/92
W2TZ	1,374,252	8/6	49/34	124/51	209/71	244/69	802/88
KC8FS	1,246,710	0/0	18/15	55/40	271/74	303/74	786/87
N5AW	1,219,092	3/3	30/19	66/32	241/77	365/86	557/105
W1CTN	1,154,844	7/5	62/39	88/50	241/72	262/80	496/87
Single Operator, High Power							
K1AR (@K1EA)	5,750,496	17/14	178/60	382/81	921/107	1117/112	1321/113
KQ2M	5,467,770	14/12	157/58	327/73	942/104	1268/108	1237/107
K4ZW	4,419,390	5/5	88/49	117/59	1104/105	1251/97	1028/95
N2NT	4,407,237	20/18	192/59	230/69	746/106	959/105	1096/96
K3ZO	4,346,364	8/8	65/42	259/61	820/101	1143/102	1181/104
W9RE	4,305,375	14/13	84/52	200/60	741/103	1015/111	1171/106
K8DX	4,245,606	15/14	63/43	165/66	676/102	1158/120	1089/102
W3BGN	3,718,272	22/19	113/47	169/57	733/94	753/94	1154/110
VE3OI	3,109,098	14/12	39/31	91/48	473/90	1230/106	866/95
VA3UZ	3,097,710	14/13	71/48	183/72	413/96	968/108	661/110
Multioperator Single Transmitter							
K8AZ	4,302,252	13/11	89/60	172/72	558/112	909/125	1082/128
KY2J	3,883,680	16/14	119/60	180/71	615/95	1040/113	820/111
K2XR	3,664,791	18/16	79/56	142/70	697/108	772/113	853/114
NE3F	3,245,760	13/13	76/51	173/67	531/97	629/106	993/114
AA1ON	2,683,251	10/10	83/50	145/68	533/96	514/103	734/116
Multioperator Two Transmitter							
K4JA	10,067,106	26/22	147/64	374/83	1618/126	1940/135	1866/132
W2A	8,724,672	20/18	229/69	344/82	1218/124	1863/129	1672/122
K2TE	6,602,310	4/9	108/54	286/72	945/119	1496/134	1451/125
NZ1U (@KB1H)	5,372,730	5/4	165/61	201/77	912/112	1002/121	1333/120
K2RD	5,266,512	14/12	92/55	172/67	787/114	1227/127	1212/126
Multioperator Unlimited Transmitter							
KC1XX	16,795,188	51/35	532/84	680/105	2156/152	2576/146	2411/144
W3LPL	15,265,395	54/39	425/80	746/104	1965/146	2383/146	2172/142
K9NS	11,461,671	32/23	183/67	428/93	1384/133	2272/145	2058/140
KR1G	8,438,652	18/17	265/68	430/84	1531/130	1494/130	1395/119
W3PP	8,373,792	27/22	139/62	348/81	1456/124	1675/128	1486/127
DX							
Single Operator, Low Power							
VP9/W6PH	2,109,216	0/0	345/46	380/48	849/54	777/58	417/48
HK3JJH	1,773,408	0/0	0/0	93/32	922/58	726/57	1171/56
ZX2B (PY2MNL, op)	1,422,330	0/0	1/1	5/5	543/59	855/58	1201/59
6Y5/WO9Z	1,145,328	0/0	81/28	154/37	522/51	346/48	681/50
IO4I	962,544	0/0	8/5	13/8	622/56	725/57	455/50
AY8A (LU8ADX, op)	917,664	0/0	0/0	1/1	303/43	674/56	958/58
HC2/JA4WAE	726,600	0/0	47/20	128/33	313/51	395/50	328/46
4M5E	686,796	0/0	4/5	21/15	263/43	549/55	494/54
KH6GMP	650,958	0/0	0/0	0/0	398/50	411/51	600/53
YU7KWX	629,586	0/0	28/11	91/20	362/54	366/53	332/40
Single Operator, High Power							
ZF2NT (K9PG, op)	8,981,940	114/46	407/57	510/58	2130/60	2022/60	3597/60
P40W (W2GD, op)	8,909,948	90/33	334/54	640/58	1978/60	1732/60	2335/59
EA8BH	6,824,700	56/21	252/42	481/54	2288/61	1921/61	2585/61
KH7Z (@KH7R) (KH6ND, op)	6,749,190	88/30	319/52	773/57	1522/57	1388/59	3052/60
P40W (AI6V, op)	6,038,760	114/30	467/55	480/54	1296/58	1138/58	2875/61
PJ2K (K6RO, op)	5,546,532	45/19	484/52	670/57	1205/58	1425/58	2293/58
WP2Z (K2QM, op)	5,047,677	78/25	295/50	545/56	1181/56	1509/58	1945/58
V47KP	4,967,073	134/34	353/53	581/56	1134/58	1656/58	1365/58
C6A/N2VV	4,734,630	160/34	397/50	746/57	1052/59	1580/59	1156/51
NH7A	3,585,330	39/14	129/34	508/54	1018/55	1008/56	1708/58
Multioperator Single Transmitter							
8P9JA (@8P9Z)	8,389,512	86/29	501/58	674/59	2126/60	1758/60	3407/61
VP5B	8,348,256	201/49	514/55	831/56	1538/58	1475/59	3723/59
PJ4G	6,464,016	82/29	365/51	563/55	1508/59	1594/59	2794/59
FY5KE	5,986,128	63/24	413/55	662/54	1151/59	1543/59	2584/60
TM5C	5,609,496	41/14	431/48	859/57	1381/58	1356/59	2249/60
Multioperator Two Transmitter							
6Y8A	10,962,966	240/47	534/55	1031/60	2100/60	3082/60	3667/61
XA5T	10,414,080	211/48	958/57	1270/58	1786/58	3058/60	2957/58
IR4T	5,125,788	32/14	136/28	832/58	1648/59	1629/60	1847/60
LU1FC	1,627,296	0/0	0/0	7/5	638/55	882/57	1555/59
PY3MHZ	1,303,560	0/0	8/7	2/3	685/54	864/58	861/58
Multioperator Unlimited Transmitter							
J38X	9,463,401	101/30	412/53	889/58	2473/60	3055/60	2897/60
VP5A	7,101,042	200/41	548/57	745/59	1317/60	1322/60	2871/61
VP2EK	5,394,420	13/8	236/43	322/51	2053/59	2505/58	1386/57
LU4FM	4,515,525	0/0	5/5	472/52	1533/59	1718/59	2677/60
RW2F	4,428,333	11/8	267/29	779/57	1656/60	1424/60	1270/59

HP1XVH, op) (20), Rafael, CT1BOP (15), and HC8Z (Pedro, HC1OT, op) (10).

The DX Multioperator categories produced the tightest contests of the year, as well as strong interest among operators. The DX Multioperator Single Transmitter contest came down to the wire, but in the end the ops of 8P9JA (at 8P9Z) used

their slightly better QSO rate to offset the superior multiplier total of VP5B to win the category by a mere 41K points—8,389,512 to 8,348,256. 8P9JA's QSO rate was 178.2 per hour while VP5B's rate of 172.5 left them close because they logged 9 more mults.

The DX Multioperator Two Transmitter

ter category was another strongly contested race, with the operators at 6Y8A finally pulling away from the XA5T station by a score of 10,962,966 to

10,414,080. The ops at 6Y8A averaged a staggering 221.9 QSOs per hour. In the DX Multioperator Unlimited division, the ops of J38X kept the rate up to the tune

of almost 205 per hour to win the category by a score of 9,463,491 to runner-up VP5A's total of 7,101,042.

From the DX perspective, no overall category records were set, although several new DX Continental records were established. Congratulations go to the stations who set new Category Continental records in 2001: KH7Z (KH6ND, op at KH7R) SOHP Oceania, A61AO (RV6LNA, op) SOSB160 Asia, RA9OW SOSB 20 Asia, CT3BX SOSB 10 Africa, TM5C Multioperator Single Transmitter Europe, 5U5A Multioperator Unlimited Transmitter Africa, and LU4FM Multioperator Unlimited Transmitter South America.

The Affiliated Club Competition always brings out strong participation. The ACC is a combined CW and Phone competition. Almost one quarter of the total logs received in 2001 are from stations participating in this competition.

Leading the way in the Unlimited category was the Yankee Clipper Contest Club. Their 239 member logs accounted for a total of 353,791,857 points.

Affiliated Club Competition

	Score	Entries		Score	Entries
Unlimited Category					
Yankee Clipper Contest Club	353,791,857	239	Northern Arizona DX Assn	1,294,398	6
Frankford Radio Club	317,797,848	160	Bergen ARA	1,084,632	15
Potomac Valley Radio Club	189,136,371	123	West Park Radiops	966,945	8
Society of Midwest Contesters	86,526,336	107	Salt City DX Assn	964,857	4
Medium Category					
North Coast Contesters	53,081,586	25	Northrop Grumman Radio Club	925,542	7
Northern California Contest Club	37,542,762	40	Green River Valley ARS	881,298	6
Tennessee Contest Group	32,745,465	29	Lincoln ARC	725,037	3
Mad River Radio Club	31,605,963	21	Kentucky Contest Group	563,325	4
Minnesota Wireless Assn	31,137,942	28	Mississippi Valley DX/Contest Club	467,379	3
Florida Contest Group	27,908,142	38	South Jersey Radio Assn	377,022	6
Texas DX Society	24,754,500	10	Southern California DX Club	355,899	6
South East Contest Club	24,689,256	18	Kansas City DX Club	261,213	3
Southern California Contest Club	23,553,924	32	Mother Lode DX/Contest Club	33,543	4
Central Texas DX and Contest Club	14,650,794	7	Local Category		
Rochester (NY) DX Assn	13,777,950	24	Hudson Valley Contesters & DXers	22,373,070	10
North Texas Contest Club	13,753,014	16	River City Contesters	21,647,955	7
Willamette Valley DX Club	12,289,476	13	Meriden ARC	2,789,139	5
Central Arizona DX Assn	9,766,452	13	Utah Contest Club	1,680,453	5
Western Washington DX Club	8,675,433	19	Western Illinois ARC	1,625,370	7
Order of Boiled Owls of New York	7,331,121	10	Northern New York Contest Club	1,236,327	8
Grand Mesa Contesters of Colorado	5,219,697	11	Dauberville DX Assn	575,817	4
Western New York DX Assn	3,824,700	11	Great Falls Area ARC	432,795	5
Southeastern DX Club	3,409,134	3	Redmond Top Key Contest Club	408,420	5
Eastern Iowa DX Assn	2,705,643	8	Sturdy Memorial Hospital ARC	391,572	3
Carolina DX Assn	2,588,943	9	South Towns ARS	335,988	4
Oklahoma DX Assn	2,251,491	3	Wireless Association of South Hills	183,780	3
			Loudoun ARG	157,068	3

WVE Regional Single Operator Leaders

Tables list call sign, score, and power (A = QRP, B = Low Power, C = High Power).

Northeast Region (New England, Hudson and Atlantic Divisions; Maritime and Quebec Sections)			Southeast Region (Delta, Roanoke and Southeastern Divisions)			Central Region (Central and Great Lakes Divisions; Ontario Section)			Midwest Region (Dakota, Midwest, Rocky Mountain and West Gulf Divisions; Manitoba and Saskatchewan Sections)			West Coast Region (Pacific, Northwestern and Southwestern Divisions; Alberta, British Columbia and NW7/Yukon Sections)		
K1ZM	1,917,510	A	N4KG	789,192	A	N8XA	87,768	A	W0AH	517,470	A	N3AIU	245,310	A
KB3TS	295,074	A	WB3BEL	310,596	A	K9DIY	4,896	A	KK0Q	173,448	A	W6CN	209,139	A
N2NJZ	86,991	A	WA3NKO	163,680	A				WA8ZBT	166,605	A	W7YAQ	148,680	A
K1KP	35,862	A	KQ4YY	32,571	A				N0UR	165,699	A	N7UC	90,315	A
WB7OCV	28,560	A	W5WZ	3,024	A				K0GT	81,618	A	(W7YA,op)		
												N7IR	80,586	A
VO1MP	1,783,992	B	K4XS	3,186,945	B	VE3EJ	3,111,264	B	N5AW	1,219,092	B	N6NF	761,124	B
KS1J	1,580,391	B	KC8FS	1,246,710	B	N4TZ	1,084,800	B	AC0W	1,132,398	B	WN6K	611,289	B
K2PS	1,492,050	B	NF4A	1,027,890	B	N8KM	760,596	B	N5DO	810,468	B	W3SE	399,066	B
K1VR	1,421,508	B	K5IID	940,212	B	VE3MQW	559,977	B	KW4T	497,502	B	WK6I	328,746	B
W2TZ	1,374,252	B	KU4BP	940,155	B	N8CN	543,555	B	VE5SF	444,150	B	K17Y	279,222	B
			(@N4VHK)											
K1AR	5,750,496	C	K4ZW	4,419,390	C	W9RE	4,305,375	C	KT0R	985,932	C	N6BV	2,402,955	C
(@K1EA)			K4DLJ	1,980,855	C	K8DX	4,245,606	C	N0HJZ	547,080	C	W7GG	1,889,550	C
KQ2M	5,467,770	C	WA4TII	1,723,575	C	VE3OI	3,109,098	C	K5RA	544,680	C	W6UE	1,498,980	C
N2NT	4,407,237	C	K4BAI	1,347,954	C	VA3UZ	3,097,710	C	K19A	530,208	C	(W4EF,op)		
K3ZO	4,346,364	C	K1TO	1,317,693	C	K8GL	2,051,163	C	(@K0LIR)			N6ED	1,475,694	C
W3BGN	3,718,272	C						N0UU	442,602	C	K7RI	1,459,050	C	

Phone and Combined Sponsored Plaque Winners

Plaque Category	Winner	Plaque Sponsor	Plaque Category	Winner	Plaque Sponsor
WVE All Band Phone	K1AR (@K1EA)	Frankford Radio Club	World Multi-Two Transmitters Phone	6Y8A	W6NL and K6BL
WVE 1.8 MHz Phone	WW2Y	Butch Greve, W9EWC Memorial	Europe Multi-Unlimited Phone	RW2F	Operators at K1TTT
WVE 3.5 MHz Phone	AA1BU	K1ZM Communications, Inc	Oceania Multi-Unlimited Phone	NH6YK	David Brandenburg, K5RQ
WVE 14 MHz Phone	W7WA	William F. Beyer Jr., N2WB	South America Multi-Two Transmitter Phone	LU1FC	Operators at K1TTT
WVE Low Power Phone	K4XS	Dauberville DX Association	WVE Combined Score	KQ2M	National Contest Journal
WVE Single Operator Assisted Phone	W2RE	Pete Carter, K3VWV Memorial	WVE Low Power Combined Score	VA3UZ	Rochester DX Association
WVE Multi-Single Transmitter Phone	K8AZ	Steve Adams K4RF	World Single Op Combined Score	M6T	K2FR Memorial Plaque
WVE Multi-Unlimited Phone	KC1XX	Western New York DX Association		(G4PIQ, op)	Mike Manafo, K3UOC
World Single Operator Phone	ZF2NT	North Jersey DX Association	Japan Low Power All Band Phone	7L4IOU	Western Washington DX Club
Asia Single Operator Phone	7J2YAF	Tim Coad, NU6S	Seventh Call Area All Band Phone	W7GG	Willamette Valley DX Club
Europe Single Operator Phone	M6T	Jerry Griffin, K6MD	World Multi-Unlimited Combined	RW2F	W2PV Memorial—Schenectady ARA
World 14 MHz Phone	3E1AA	Central California DX Club	World Multi-Unlimited Phone	J38X	Stanley Cohen, W8QDQ
World 21 MHz Phone	(HP1XVH, op)		Rocky Mountain Division Single Operator Low Power Phone	W0ETT	Grand Mesa Contesters & DX Society
World 28 MHz Phone	CT1BOP	Long Island DX Association	Central Division Single Operator High Power All Band Phone	W9RE	Society of Midwest Contesters
World QRP Phone	CT3BX	North Shenandoah DX Association NS4DX	Central Division Low Power All Band Phone	N4TZ	Mike Tessmer, K9NW
World Single Operator Assisted Phone	LY5A	Southern Arizona DX Association			
World Multi-Single Transmitter Phone	(LY2PAJ, op)				
	S51DX	Willamette Valley DX Club			
	8P9JA	Carl Cook, AI6V/P49V			
	(@8P9Z)				
Asia Multi-Single Transmitter Phone	JAIYPA	Yankee Clipper Contest Club			
North America Multi-Single Transmitter Phone	VP5B *	Nick Lash, K9KLR			
Oceania Multi-Single Transmitter Phone	WH6H	AH9B/V73B			

*Asterisk indicates plaque is awarded to runner-up when winner has been awarded a higher level plaque. This does not apply to combined score plaques. Overall continental plaques may be purchased from the ARRL Contest Branch. Contact contests@arrl.org for more information.

Placing second was the Frankford Radio Club, with a total score of 317,797,848 points from 160 submissions. The Medium Category saw a strong effort from the North Coast Contesters pay off as their 25-log total of 53,081,586 points took top honors over the 37,542,762 points from the Northern California Contest Club's 40 members. In a close contest of the Local Category, the Hudson Valley Contesters and DXers brought home the cherished club gavel with a score of 22,373,070. Runner-up River City Contesters laid claim to 21,647,955 points. Kudos all around for an exciting Affiliated Club event in 2001.

It isn't too late to purchase one of the inaugural ARRL International DX Contest pins. All you needed to do was work 100 QSOs during the contest. These attractive multi-colored pins are \$5 each for US stations and \$8 US for DX stations (shipping included). They may be ordered by contacting the ARRL Contest Branch. Don't miss the opportunity to own the very first DX Contest pin offered by the ARRL.

The ARRL International DX Phone contest is always an anticipated event. Contesters see it as a chance to test their skills against the best. Casual operators see it as an opportunity to work some new and interesting stations—and a good way to build up overall or specific band DXCC totals. All would agree that it is a fun challenge. The 2002 Contest is set for March 2-3—the first weekend in March. Predictions are that this could still be a good time in the current sunspot cycle to catch good propagation. Start planning now to share in this great operating event. Who knows, maybe you can watch your QSO rate meter climb to new personal heights in 2002. 73.

SOAPBOX

Conditions were not as good on Sunday but that's the way it goes (AE4EC)... First ever Multi-Two effort with the local guys. We have lots to learn (AE9B)... First test of the station at my new QTH. 10, and 15 were great. Filled in a lot of band countries (K0XM)... Operating QRP on phone is really tough, even with excellent antennas (K1ZM)... DX for the little guy... what could I do with a beam? (K2CS)... KC2HLY - Zach- 9 years old really enjoyed it (K2YEH)... What a fun time working DX and getting a great pin to boot (K3IZ)... Had a 256-hour on Sunday morning - wow! (K5ZD)... The 1.5 hour nap helped me operate 46 out 48 hours. I might be getting the hang of this SOAB stuff (K8DX)... Nice to see 10m hopping (K9GY)... Booming on 10, 15 and 20. Got WAC on two more bands, maybe even cracked DXCC. First time this contest — great weekend. (KA1SZP)... Either the band remained fairly constant or there were some serious systems out there. I heard the same call signs all

DX Contest Pins still available

Those operators who completed a minimum of 100 contacts during the 2001 contest may still purchase the attractive commemorative pins celebrating the first ARRL International DX Contest of the new millennium. This first-time offer is certain to become a keepsake. They cost \$5 per pin for US participants and \$8 for DX orders and may be ordered from the Contest Branch at ARRL at 860-594-0295 with a credit card. You may also send a copy of your summary sheet along with your check to DX Contest Pin, ARRL, 225 Main St, Newington, CT 06111.

day (KA6WBQ)... Great fun, and I did DXCC in a weekend! (KB2EOQ)... Can't ragchewers and contesters all just get along? Here's a thought: If someone is talking on a frequency, don't transmit (KC0BOM)... A comfortable chair, a working rig and a free weekend for the contest — Bliss (KC2FYJ)... My first time to ever crack the 1,000 QSO barrier. Likewise, this was my first time over 1 Million points. Highlight of contest was having SU9ZZ call me on 15m and then thank me for the multiplier (KC8FS)... Having never worked the Int'l DX contest I found it to be a very interesting experience (KD5CKP)... It was fun to get my DXCC in less than 12 hours of operating (KD5GKP)... This was so much fun, my legs hurt from being glued to the radio. Thought 20m was vacant but 10 and 15m were jam packed with activity (KM5TY)... My first contest (KR4LO)... Great contest. Didn't do well into Europe, but surprises everywhere (N0UU)... First contest a General Class operator. It was great (N0YYO)... I found Sunday afternoon why I thought I was experiencing strange propagation. A windstorm had rotated my 15 and 20 meter beams about 90 degrees from the rotator indication, so we had worked all weekend off the side of both beams (N1AU)... Gonna miss 10 meters. The best band for the midsize station like I have (N1DG)... Highlight of the contest was undoubtedly working VK5GN on 160M (N1EU)... Other than the two computer crashes, a melted 15 meter trap on the low tri-bander, and strange short skip propagation on Sunday afternoon... this year's contest was lots of fun. We did beat last year's score by over 1M points. We owe our JA ops a big thanks for that, with over 600 JA Qs. We have our goals already set for next year (N1LN)... I took some time off to help around the house and deal with my neighbors' RFI problems so I only ended up operating for about 32 hours. I am learning (N3HXQ)... I obeyed the Prime Directive in this one — had FUN! I set my personal best score and got some new countries and band-countries even with limited/sporadic operating time (N4JN)... Another great contest—and I broke 1 Meg at age 82 (N4UH)... I noticed more YL's all over the world working the contest (N5RLQ)... Head cold + Phone contest + Sudafed = "out-of-body" experience (N6ER)... QRP is a brutal torture as a single op. This time I tried the SO Assisted category and found it not so intense.

There were plenty of targets on the band maps to work. Congratulations and thanks to all of you with the sensitive receivers that could copy me (N6WS)... 10m was great with new ones like FO5, 3D2 and KH0 giving multipliers. South America was strong with PY0FF 59++ Great contest and can't wait for next year (N9GUN)... Highlight was working 9M0M on Spratley with 7 minutes left (NE0P)... My best personal effort ever. Band conditions were exceptional. Worked everyone I could hear (VE3HG)... Gotta put something together for 160 (VE9WH)... Have been operating contests, QRP, for many decades and this was the first time I ever worked DXCC (103 countries) in a contest weekend. One of the highlights of 45 years in ham radio (W0AH)... Worked Bouvet and Spratly Islands using just a dipole antenna. Great fun (W2KA)... It took me a second to figure how to log "100 milliwatts" which G0LIC gave me as he pegged my meter at S9+ (W4ZV)... Worked 5U5A as my last contact at 2359Z (W7JAM)... Car fire (yes, my car) 10 minutes after drove home to start contest Friday night caused major disturbance equal to the biggest solar flare (W7YAQ)... First contest with a new HF ticket (W7YES)... This is my first submitted log in many years. It won't be the last (WA2YJF)... This is my first time actually turning in a score (WD4DDU)... SSB, a form of torture that can be fun (WO1N)... Neighbors had TVI; headset had RFI; EWA had weak propagation. Other than that, a great weekend (WS7V)... Offered a choice between dental work and phone contesting, I would have to think it over (WT3P)... Not bad, for home location in center of city (9A3MA)... Great DX location! But too far away to do well in this test (9M0M)... Where was South Dakota? (CT2GQN)... Finally completed my WAS although I could just operate a few hours (EA3WL)... Based on the level of participation I think we should be looking to have band allocations extended! (EI4DW)... Great HF conditions and limited time on the bands gave me some good runs; I was very happy with a 257 hour on Saturday and 252 hour on Sunday from a plain old "G." (G4BUO)... I achieved my all-time personal best as a mobile in this contest. Let's hope the conditions are as good next year (G4NXG/M)... We reactivated the IU2M station at our radio club in Milan. It has been a great deal! (IU2M)... 10m was excellent but something was wrong on 15m (JH8KYU)... Aurora wipeout Sunday, Note to self "100 miles South of the Arctic Circle is not a good location for contesting." (KL7RA)... Just as I was getting started, there was a power failure. Luckily I had my batteries charged for just such an emergency. I was also without air conditioning. Anybody who's been in Latin America during the dry season knows what that means. It gets HOT fast! (HR1/N0UEP)... Unbelievably busy band! It was difficult to find the place for CQ, as the whole band was full on Sunday. Hope these conditions would remain next year (OK1DSF)... Nice to meet so many old friends on the bands (SP9NH)... A great band opening on 160. Only got back from Europe at the weekend so was still jet lagged (VK5GN)... Got my first ever 400 hour! What a blast! Thanks a ton to Bruce for letting me come down and play (ZF2NT)... Propagation held up for the whole contest (ZL1ANJ)... I didn't expect to make this many QSOs with my 100 Watts (ZL1TM).

Scores

Scores are listed by DXCC Entities and ARRL/RAC Sections. Within each Country or Section, single operator scores are listed in descending order, by power categories. Line scores list call sign, score, QSOs, multipliers, power (A = QRP, B = Low Power, C = High Power, D = Multioperator), and band (if single band). Single Assisted entries appear after all Single Operator scores, followed by multiplier scores by category. W/VE entries appear first, followed by DX entries.

Phone W/VE Single Operator	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																			
Connecticut	W1CTN	1,154,844	1156	333	B	KM5YL	278,208	483	192	B	W1AZT	114,210	282	135	B	W1TS	90,480	232	130	B	W3TB	71,508	202	118	B	KA1SZP	16,632	84	66	B	QK2M	5,467,770	3945	462	C	K1VDF	1,065,216	1387	256	C	W1WEF	1,004,484	1222	274	C	NT1N	335,670	334	335	C	N1JW	167,238	342	163	C	KA1VMG	79,704	216	113	C	W1DAR	68,742	201	124	C	K1RO	21,528	104	69	C	W1AW (N1ND,op)	100,362	389	86	C	20	W1AMF	95,319	357	89	B	10																																																																																																					
Eastern Massachusetts	K1KP	35,862	139	86	A	K1VR	1,421,508	1331	356	B	K1VUT	1,151,334	1242	309	B	N1SV	1,049,670	1090	321	B	W1WAI	642,270	790	271	B	N3KCJ	521,586	743	234	B	K1HT	436,176	624	233	C	W1EM	343,200	550	208	B	W1TE	312,825	485	215	B	K1YA	204,435	413	165	B	K1WCC	173,760	362	160	B	W1MK	130,077	291	149	B	WA1OFR	92,736	276	112	B	WB1FLA	86,697	247	111	B	WA1QGC	70,380	204	115	B	KY1B	62,790	182	111	B	W1TW	60,606	182	111	B	W1EWN	32,964	134	82	B	K1RB	26,208	104	84	B	N1VI	24,192	126	64	B	WA1OLV	13,392	93	48	B	KQ1F	1,914	29	22	B	N1DD	1,381,248	1408	327	C	K5MA	1,110,756	1226	302	C	W1RY	952,455	965	329	C	W1KRS	683,046	834	273	C	W1DO	30,000	100	100	C	KE1Y	72,192	376	64	C	80	AA1BU	45,936	232	66	C	80	K2LP	13,800	100	46	C	40	WG1Z	33,408	174	64	A	20	W1ZZ	167,400	558	100	B	10	N1DC	67,308	284	79	B	10	N1WRK	11,748	89	44	C	10	W1PLK	4,704	56	28	B	10
Maine	W1BW	517,959	741	233	B	N1LW	277,848	454	204	B	WN1OTV	63,609	233	91	B	W1EL	58,194	183	106	B	N1CJR	18,900	105	60	B	KD1OG	12,705	77	55	B	N1YG	720	15	16	B	AB1R	164,340	330	166	C	N1RY	15,015	77	65	C	K1SWG	5,616	48	39	C	AC1O	15,150	101	50	C	40	KA1AIF	15,525	115	45	B	10	K1JB	13,284	108	41	B	10																																																																																																																			
New Hampshire	WS1A	1,102,824	1156	318	B	NM1W	489,042	606	269	B	WE1USA	372,762	1062	117	B	AE1T	85,800	260	110	B	KA5WHO	49,608	159	104	B	AE1D	39,312	156	84	B	WK1P	17,764	104	57	B	KC1F	2,758,680	2328	395	C	W6FC	426,258	597	238	C	K1BV	75,240	330	76	C	10	KB1PZ	15,651	111	47	C	10																																																																																																																														
Rhode Island	KS1J	1,580,391	1611	327	B	K1V5J	668,283	847	263	B	N1WGD	7,290	54	45	B	KB1LN	132,165	267	165	C	WA1MKS	55,920	233	80	B	20																																																																																																																																																													
Vermont	W1ZS	375,396	574	218	B	AA1SU	202,980	398	170	B	N1BCL	101,244	286	118	B	AA1VF	37,350	150	83	B	K1LI	1,035,810	1354	255	C	K1CN	219,564	428	171	C	N1ZUK	121,302	293	138	C																																																																																																																																																				
Western Massachusetts	WT1S	730,881	843	289	B	N1FUS	219,600	400	183	B	N1S8B	90,720	252	120	B	N1MHH	76,608	224	114	B	N1VOR	36,045	135	89	B	K1AR (@K1EA)	5,750,496	3936	487	C	K5ZD	1,841,112	1686	364	C	W1KT	960,144	964	332	C																																																																																																																																															
North Carolina	W44BP (@N4VHK)	940,155	1165	269	B	N4YDU	395,352	646	204	B	W4IDX	304,290	483	210	B	KR4LO	180,642	391	154	B	N4QVM	162,792	323	168	B	NC4ME	142,725	219	173	B	N3ZKK	96,579	217	143	B	K4AHC	83,520	232	120	B	K4QPL	81,252	222	122	B	KV4CN	80,892	214	126	B	K4SCL	66,528	198	112	B	AE4EC	31,200	130	80	B	K4TP	19,116	108	59	B	KC4YOT	18,915	97	65	B	N4UH	1,112,190	1310	283	C	N4CW	517,311	753	229	C	W4YDY	223,776	444	168	C	NC4MI	176,292	354	166	C	KG4GSY	74,061	211	117	C	W4WS (N4VHK,op)	2,448	34	24	B	80	K5LZT	756	18	14	B	20	KS4XG	461,700	1425	108	C	15	KZ2I	990	33	10	B	15	W4VZV	882,960	2264	130	C	10	K4QI	17,658	109	54	B	10	KA4KJI	12,792	104	41	C	10																																														
Delaware	W3TIT	25,134	118	71	A	NY3C	83,754	423	66	B																																																																																																																																																																													
Eastern Pennsylvania	KB3TS	295,074	507	194	A	N3ZIL	16,524	108	51	A	W3MF	801,087	1031	259	B	N3RM	126,379	293	141	B	N3KAK	103,371	223	159	B	W3BEN	104,085	257	135	B	W3MEL	89,304	244	122	B	KE3TC	59,100	197	100	B	AA3TT	43,086	167	86	B	N3WL	41,280	160	86	B	W3SSS	31,122	133	78	B	KA3PVA	28,800	120	80	B	K3NL	25,185	115	73	B	KB3CRG	22,050	98	75	B	W3BGN	3,718,272	2944	421	C	N3KR	461,997	639	241	C	K3MGT	293,536	528	179	C	K3VA	246,006	474	173	C	W8FJ	227,768	374	203	C	W3BYX	226,980	388	195	C	K4JLD	198,370	360	202	C	AD3Z	129,164	329	202	C	W3KV	101,700	300	113	C	W3JRY	44,640	155	96	B	N3TA	7,740	60	43	C	K3SV	10,164	77	44	C	80	N3CB	1,173	23	17	C	15	K3QD	32,076	162	66	C	10																																								
Maryland-DC	W3MR	1,063,809	1227	289	B	W3DQ	440,568	633	232	B	N3UN	137,532	314	146	B	WN3C	129,687	311	139	B	K3TW	89,010	215	138	B	W3FQE	54,978	187	98	B	N3ZNU	43,332	157	92	B	W3CP	37,611	199	63	B	N3SEO	36,105	145	83	B	N3SZW	22,320	120	62	B	K3CTR	21,384	108	66	B	N3SOK	18,600	100	62	B	W3EE	17,355	89	65	B	KF3NB	15,930	90	59	B	N3EYB	3,078	38	27	B	N3EYJ	1,995	35	19	B	K3ZO	4,346,364	3466	418	C	K2PLF	1,731,048	1738	332	C	K3ZD	1,372,644	1257	364	C	N3AM	889,746	1037	286	C	N3HD	503,811	727	231	C	N3WBD	488,250	1302	125	C	N3HBX	442,317	507	277	C	W3HVQ	418,215	569	245	C	N3UM	360,930	530	227	C	N3LH	337,635	549	205	C	W3OU	262,710	417	210	C	W2BZR	191,226	406	157	C	K3GV	71,262	214	111	C	K3VY	4,464	48	31	B	15	N3HS	48,039	239	67	C	10	NS3T	4,305	41	35	B	10																				
Western Pennsylvania	AA3LX	325,440	452	240	B	N3UE	81,726	257	106	B	N3TJ	39,864	151	88	B	WN3VAW	34,710	130	89	B	KA3AVB	34,608	112	103	B	WB3AVD	20,349	119	57	B	AD8J	19,968	128	52	B	W3GH	633,846	709	298	C	WB3EPE	93,840	230	136	C	N3WMC	52,866	199	89	C	KM3J	3,255	35	31	C	40	W3WS	280,719	843	111	B	10	WB0IWG	57,297	269	71	A	10																																																																																																																			
Alabama	N4KG	789,192	904	291	A	W4NTI	179,244	383	156	B	WB4HUX	585	15	B	N4YQ	387,672	557	232	C	K4NVJ	21,546	126	57	C	AG4W	201,900	673	100	C	10																																																																																																																																																									
Georgia	K4OGG	339,660	555	204	B	KT4ZB	246,840	440	187	B	N4WD	115,124	394	182	B	K4PHE	136,080	336	135	B	K6EID	102,240	426	80	B	KB4BBC	46,128	124	124	B	WA4TII	1,723,575	1715	335	C	K4BAI	1,347,954	1658	271	C	N4NX	417,816	829	168	C	W4WA	506,127	1493	113	C	15																																																																																																																																				
Kentucky	W4UDX	62,445	181	115	B	AA2GS	38,907	131	99	B	KU4ZJ	22,800	95	80	B	N4HT	1,124,091	1343	279	C	K4IU	104,250	250	139	C	W4LC	113,472	394	96	B	15																																																																																																																																																								
Tennessee	K4BEV	598,752	756	264	B	NA4K	589,968	816	241	B	WD4OHD	94,464	256	123	B	W4GMM	87,690	370	79	B	N4JN	64,890	206	105	B	W4JH	55,212	214	86	B	WB9BSH	38,130	155	82	B	N7DLS	36,582	134	91	B	W4NI	36,450	150	81	B	KA4OTB	35,856	144	83	B	W4AUJ	29,766	121	82	B	W4MEA	18,444	106	58	B	K4LTA	762,816	928	274	C	AA3VA	175,032	374	156	C	K4IUD	103,194	234	147	C	W4QGG	27,489	119	77	C	AK4ST	9,855	73	45	C	40	KB4KA	8,820	70	42	B	40	KB4P	7,128	66	36	C	40	N4ZZ																																																																																				

West Texas				WZR				N8SSE				N0KJ1				VE3UZ (@VA3RU)									
N5DO	810,468	958	282	B	W7XR	22,302	118	63	C	N8SHVV	115,668	306	126	B	N0IBT	32,232	158	68	B	VE3STT	71,811	303	79	B	
KD5RZ	120,582	319	126	B	N7JXS	20,880	116	60	C	N8BV	97,755	245	133	B	N0KPB	25,830	123	70	B	VA3SPN	17,628	113	52	C	
KF5YQ	119,646	289	138	B	W7DM	17,976	107	56	C	W8KNO	95,250	254	125	B	N0K7A	23,760	99	80	B		270	10	9	B	
W5SQLR	43,848	168	87	B	W7DD	23,214	146	53	C	N8TXI	98,375	249	125	B	K8PVD	10,971	69	53	B	Manitoba					
AG4CG	18,522	98	63	B	AA7A	337,464	1032	109	C	K8VUS	63,052	214	106	B	KF4MDW	7,950	53	50	B	VE4RA	154,809	309	167	B	
NZSM	2,325	31	25	B 15	W7USA	86,700	340	85	B	W8VE	66,906	189	118	B	K0GAS	4,935	47	35	B	VE4RP	53,760	140	128	B	
6				W7AYY				W8LY				K0C0				VE4JOP									
East Bay				W7AYV				W8IDM				K0GBZ				VE4HAZ									
K6JAT	112,500	300	125	B	W6260	169,260	403	140	B	K8NMG	53,580	175	102	B	K0GBC	251,781	943	89	C	17,136	112	51	B		
K6WAT	61,752	248	83	B	W7AVA	37,224	141	88	B	N8AA	47,277	153	103	lowa	81,618	223	122	A	Saskatchewan						
K6BIR	36,072	167	72	B	KC7WUE	12,423	101	41	B	K8DVK	38,250	150	85	B	K0GT	296,625	565	175	B	VE55F	444,150	658	225	B	
K6P6KG	30,744	168	61	B	WA7LT	91,611	351	87	B 15	K8FB	11,844	84	47	B	WN0G	208,794	391	178	B	Alberta					
KE6QR	25,740	132	65	B	K7EFB	14,238	113	42	B	K8DX	10,731	73	49	B	N0RKX	190,026	391	162	B	VE6TN	251,316	468	179	B	
N6BV	2,402,955	2391	335	C	K7MM	480	20	8	B	W8EN	4,245,606	3168	447	C	K0CF	144,828	324	149	B	VE6BF	68,139	201	113	B	
W6/NP4IW	40,020	230	58	B 20	Idaho					W8YU	203,400	678	100	C	NE0P	83,205	151	129	B	VE6JO	675	15	15	B	
KF6ULM	6,552	84	26	C 15	KW7N	122,112	318	128	B	K8BE	306,456	904	113	C 15	K0BOM	30,192	136	74	B	VA6RA	9,588	94	34	B 15	
KG6HM	2,430	45	18	B 10	KG7WZ	21,150	150	47	B	ND8DX	348,486	1366	107	C 10	K0XD	12,348	98	42	B	British Columbia					
Los Angeles				KG7H				K8ND				W0PPF				VE7XF									
W3SE	399,066	586	227	B	KJ7TH	137,280	440	104	C 15	N8MWK	269,404	760	118	B	W0EJ	57,327	197	97	C	VE7Q0	76,800	160	160	B	
K6ASK	122,364	309	132	B	W1HUE	6,972	83	28	A 10	W6ADM	66,564	258	86	A 10	K0DAS	31,104	144	72	C	VE7Q0	48,357	199	81	B	
W06M	67,872	224	101	B	Montana				W6BPL	42,436	204	70	B	K0DAS	95,697	343	93	C 10	VE7XB	255,024	528	161	C		
K6BATT	52,272	176	99	B	KE7NO	177,018	362	163	B	K8KSN	16,005	97	55	B 10	N0Y0	372,075	605	205	B	VE7X0	151,125	403	125	C	
W6BNTF	46,956	182	86	B	KK7OJ	77,100	257	100	B	West Virginia	KC8FS	1,246,710	1433	290	B	K0BJ	180,180	385	156	B	VE7AVV	42,303	239	59	B 10
W6RCL	41,076	163	84	B	KG7VQ	18,414	99	62	B	K5IID	940,212	1092	287	B	W0YXX	156,870	315	166	B	VE7VF	32,916	211	52	B 10	
N6UB	20,736	108	64	B	AC7GM	18,207	119	51	B	N0NGT	49,470	170	97	B	KB0MZG	150,930	390	129	B	W67NS	31,650	211	50	B 10	
W6AFU	17,856	124	48	B	W7YM	17,820	108	55	B	KC8OAN	27,132	119	76	B	KB0WJY	125,670	295	142	B	W67NNN	11,622	149	26	B 10	
W6UE (W4EF.op)	1,498,980	1505	332	C	N7CZ	15,210	78	65	B	K8WVU	25,200	112	75	B	K0BEC	50,400	168	100	B	Yukon					
N6ED	1,475,694	1542	319	C	K7LRF	5,106	46	37	B	KV3R	1,244,622	1334	311	C	K0DEB	34,584	131	88	B	YY1MB	2,415	35	23	B 10	
K0DI	390,390	715	182	C	W7WK	262,995	445	197	C	K2UOP	762,450	850	299	C	W0WPL	12,825	75	57	B	Single Operator Assisted					
N6OPR	205,410	410	167	C	K7ABV	97,782	379	86	B 15	K8KFJ	9,504	72	44	C 10	K0GPW	10,296	66	52	B	1					
N6TW	181,068	382	158	C	Nevada				K0IDI	363	11	11	B	N0UIU	442,602	734	201	C	KS1L	4,028,988	3116	431	C		
A16Z	68,040	189	120	C	NV7A (K5RC.op)	236,070	645	122	C	K0QUA	391,194	1266	103	C 10	K0USS	38,316	206	62	C 10	K1KI (KM1P.op)	3,434,400	2700	424	C	
KF6YAN	36,270	186	65	C	KC7DB	181,542	383	158	C	K0LLS	648	18	12	B 10	K0V0R	28,917	119	81	B	AA1QD	2,591,106	2261	382	C	
KU6T	3,339	53	21	B 40	K7QE	37,146	151	82	C	Illinois				AC0W	1,132,398	1187	318	B	K1G	2,511,453	2027	413	C		
W6AFA	197,964	702	94	C 10	W7EB	292,284	1059	92	C 15	K9JE	451,440	684	220	B	KW4T	497,502	666	249	B	K1AM	2,361,960	1944	405	C	
W6FFF	43,875	225	65	B 10	Oregon				W9IL	293,400	489	200	B	KW0ZP	73,800	246	100	B	WC1M	2,241,462	1882	397	C		
NK6A	20,868	148	47	C 10	W7YAQ	148,680	354	140	A	N9REP	228,000	475	160	B	WA0MHJ	66,444	196	113	B	N1DG	2,123,406	1587	446	C	
Orange				K17Y	279,222	538	173	B	AA9DM	134,994	302	149	B	W0BHC	38,220	140	91	B	K1JN	1,716,708	1498	382	C		
N7UC (W7YA.op)	90,315	223	135	A	W7YVK	53,580	190	94	B	K9CS	105,033	223	157	B	KC0H	27,000	120	75	B	N8RA	1,660,329	1623	341	C	
WK6I	328,746	586	187	B	W7GG	1,889,550	1950	323	C	W9JUT	77,274	243	106	B	K0MPH	21,528	104	69	B	N9DX	1,581,780	1286	401	C	
W6SA	153,126	362	141	B	K7ZZ	1,077,159	1541	233	C	W9HL	67,536	201	112	B	W0MNO	16,704	96	58	B	K1UQ	1,416,253	1315	359	C	
WA6BFW	108,360	301	120	B	K0JJ	397,500	625	212	C	NZ8C	57,528	188	102	B	K0DMR	8,178	58	47	B	K1RX	1,275,960	1240	343	C	
KR6ER	4,158	63	22	B	KR7X	187,920	540	116	C	N9KO	51,840	180	96	B	N0BM	6,000	50	30	B	K1LD	1,257,456	1072	391	C	
W6W0	441,450	675	218	C	W7OZ	93,930	310	101	C	WB9PPL	51,030	189	90	B	K1NU	1,243,164	1226	388	C						
Santa Barbara				W7BUB	81,840	248	110	C	KA9CAR	39,780	170	78	B	K1OA	1,191,285	1151	345	B	W1LLU	1,243,164	1226	388	C		
NN6DX (W1PR.op)	113,400	315	120	B	W7EJ	581,160	1670	116	C 15	W9LYA	36,801	141	87	B	K1GU	1,057,032	1108	318	C						
WA6FGV	84,888	262	108	B	WA7AR	308,328	886	116	C 15	K9CYL	34,965	185	63	B	KE1IH	1,036,164	1093	316	C						
W6FM	388,206	711	182	C	KA7FEF	4,176	58	24	B 10	N9DT	31,185	165	63	B	K1J	956,196	993	324	C						
WA5VGI	129,780	309	140	C	Utah				W9VQ	28,536	116	82	B	AA1V	908,622	858	353	C							
W7CB	123,942	454	91	C	W7HS	76,125	203	125	B	W9GFEN	28,008	130	72	B	K1VV	897,624	959	312	C						
KD6PQF	15,129	123	41	C 10	K1HF	185,298	347	178	C	N9GR	24,408	113	72	B	W1QK	866,736	926	312	C						
Santa Clara Valley				N7LYV	124,125	331	125	C	KD9AC	18,666	102	61	B	N0N0E	803,682	738	363	C							
K6III	7,500	50	50	A	W7UT	1,890	30	21	B 80	KB0VU	16,530	95	58	B	W0IN	759,186	827	306	C						
N6NF	761,124	1066	238	B	K07X	33,984	192	59	C 20	WA9LW	1,170	26	15	B	N1API	734,052	913	268	C						
N6EM	246,540	550	155	B	Western Washington				K9ZO (K89UWU.op)	1,555,200	1600	324	C	K10MB	4,329	37	39	B							
KA6MAL	31,464	152	69	B	KX9DX	300,696	536	187	C	K9A	6,600	50	44	C	K19A (@K0LIR)	530,208	789	224	C						
N6IV	24,780	118	70	B	W7JR1NKN	8,910	110	27	A	W9LYN	114,480	265	144	C	K0DAT	106,272	246	144	C						
K6UF	15,408	107	48	B	KB7N	103,968	304	114	B	W9O0A	95,840	260	128	C	W0PKO	34,974	134	87	C						
K6GT	345,744	588	196	C	W7GTO	30,051	159	63	B	WA9CCQ	65,073	199	109	C	K0JPL	4,032	42	32	C						
N6DQ	55,581	191	97	C	K7SR	25,542	129	66	B	NB9Q	51,603	167	103	C	WA0OTV	810	18	15	C 15						
AJ6V	29,190	139	70	C	KB7PKC	13,818	98	47	B	K9IDQ	35,040	160	73	C	K4VX (N9JF.op)	187,896	1402	116	C 10						
K8PO	8,901	69	43	C 40	W7JAM	8,640	80	36	B	W9GJT	30,240	105	96	C	K1XT	161,028	497	108	B 10						
W6ISQ	3	1	1	C 20	K7RI	1,459,050	1775	274	C	WA9STPQ	8,004	58	46	C	North Dakota										
KGHNZ	376,629	1243	101	C 15	W7QN	224,601	443	169	C	KK9A	6,600	50	44	C	K0JUD	205,884	399	172	B						
K6XX	9,435	185	17	C 15	N7WDX	133,857	321	139	C	K9BGL	16,968	101	56	C 80	N0ND	14									

N2SCJ	84,645	209	135	C	KK1L (+K1RD, K1L)					AA1K (+KB3FEE, AB1P)					JA1VBP	6,603	71	31	B
W2EZ	58,500	195	100	C		1,986,225	1865	355	C	KR0B (+N0BKL, KJ0B, KS0T, KB0KQA, N0RA, K0PK)					JE1SLP	6,222	61	34	B
K2OWE	52,155	183	95	C	N1MM (+N11XF)					K3DI (+W3OQ)					JH1PXY	5,832	72	27	B
K2WJ	3,744	48	26	C		1,267,938	1218	347	C		1,193,424	1081	368	C	JM1NHZ	5,376	64	28	B
3					NC11 (+WA1LPJ, N1DPM)					VE7SCC (+ops)					JA2PFFZ	5,133	59	29	B
K3WV	4,127,760	2730	504	C		1,142,430	1130	337	C	K0UK (+K0CL, W0DET)					JL3RDC	4,680	65	24	B
N3RR	3,794,070	2581	490	C	N1AU (+WC1D)					W0NO (+AB0S)					JA1XPU	4,464	62	24	B
K3PP	2,933,595	2085	469	C		948,387	991	319	C	W0NO (+AB0S)					JG2REJ	3,102	47	22	B
KA3B	2,681,910	2079	430	C	W1DAD (+K1MOM)					N0GVK (+K00BZ)					JQ1AHZ/2	2,109	37	19	B
W3FV	2,375,076	1894	418	C		402,600	550	244	B	N1SOH (+W1FM)					JH1HTX	1,632	34	16	B
N3RS	2,062,368	1736	396	C		383,994	547	234	C	W0GOM (+K0BX, N0AJ)					JR1GGB	1,530	34	15	B
N3ED	1,753,920	1392	420	C	W1AF (K3UOC, N1QZY, ops)					W0BR (+N0SZE, K00EV)					JH0JXE	1,470	98	5	B
N3ZA	1,604,400	1337	400	C		364,179	521	233	C	KT1O (+N1AO, K1JB)					JH3HYL	1,444	12	4	B
WT3W	1,361,970	1227	370	C		319,731	541	197	B	N1WV (AE1B, K1KMD, ops)					7M4HMB	126	7	6	B
N3MV	1,321,008	1168	377	C		163,800	364	150	B	W1SMH	143,220	341	140	B	EA5EJG	105	7	5	B
K3NZ	1,309,350	1075	406	C	2										WA6BMH (KA6WVZR, KW6PE, K06GWZ, W6GRY, KE6DKU, KE6BBP, N6OPB, K06WZ, ops)				
K3ND	1,191,486	1138	349	C	KY2J (+NA2N, WA2JQK)											900	25	12	B
W3EKT	974,088	978	332	C		3,883,680	2790	464	C	DX									
K3IXD	935,064	936	333	C	K2XR (+N2IW, W2BWIW, N2YFH, K2OWR)					Single Operator									
W3AP	926,601	1033	299	C		3,664,791	2561	477	C	Africa									
K3JG	923,037	983	313	C	K2MD (+K3ZM)					Madagascar									
W3UJ	831,198	986	281	B		2,563,176	2044	418	C	5R8FU	54,600	20	91	C					
K3CP	815,877	807	337	C	W2XT (+W2EN, W2RD)														
WT3P	814,086	923	294	C		2,450,466	1973	414	C										
WB3CIW	476,982	687	242	C	W2MU (K2DNE, KE2SD, N2MCI, N2SA, W2XL, WA2MMX, WB2AQU, ops)														
NN3Q	472,626	652	231	C		1,807,377	1573	383	C										
NA1DX	431,664	529	272	B	AB2DE (+ops)														
W3UL	395,928	564	234	C		1,362,126	1198	379	C										
W3IZ	382,704	536	238	C	W2KHO (+KB2NOW)														
W3ZJ	351,600	586	200	C		590,100	700	281	B										
K3EG	350,220	449	211	C	K2YEH (+KC2HLY, W2JEF, N2VR, K2CDJ)														
K3BSA	297,510	470	260	C		531,531	649	273	B										
WA3KPP	272,700	450	202	B	AA2UP (+N2XBD)														
W3OV	214,110	366	195	C		331,452	594	186	C										
N3RD	105,096	232	151	C	W2ELW (K2CF, K2DGC, K2KRB, K2OO, KA2MGE, N2OY, KC2GJX, ops)														
WB4ZHO	101,952	192	177	B		161,322	322	167	C										
NZ3O	93,294	219	142	C	KF2EW (+ops)														
KB3MM	63,336	182	116	C		31,356	134	78	B										
4U1WB (AJ3M, op)	48,960	192	85	C	W2JSM	3,813	41	31	B										
WR3L	34,992	103	108	B	3														
N4XR	31,827	103	103	C	NE3F (+KS3F, NT3V)														
4						3,245,760	2415	448	C										
NA4O	2,702,160	2085	432	C	WT3Q (+K3OX)														
K3KO	420,657	499	281	C		2,397,516	1804	443	C										
KD4SN	249,984	384	217	B	K3OO (+K3OOO)														
W3IO	241,920	384	210	C		1,583,604	1364	387	C										
KO4MR	87,840	240	122	C	N3BA (+N2WKS)														
K8YC	63,750	170	125	B		1,512,798	1267	398	C										
N8CH	33,660	132	85	B	W3LJ (+K3NCO, W3IDT, K8DH)														
K3IZ	20,202	91	74	B		643,500	750	286	C										
KD4RH	16,848	104	54	B	WY3T (+N3JRX, W3BDR)														
W4ATL	3,300	44	25	B		301,938	553	182	C										
5					K3IVO (+ops)														
N5JR	925,629	1147	269	C		216,240	424	170	C										
K5LP	400,113	511	261	C	4														
N5MT	148,848	443	112	C	KT4Q (+K4GKJ)														
W5AJ	137,598	323	142	B		1,070,190	1265	282	C										
N5ZC	120,006	226	177	C	K4TCC (@N4YT) (N4AT, W4IV, N4SSD, KE4KM, N4LKE, W4IDE, KR4FO, KF4AIG, ops)														
K5NA	53,775	239	75	C		647,961	797	271	C										
KM5WR	51,840	192	90	C	K4RF (+K4SZ)														
KE5OG	2,028	26	26	C		180,438	493	122	C										
6					5														
N6WS	707,265	845	279	A	N1LN (+W5MF, K7LEX, WA5OJE, N5TU)														
W6TK	273,834	922	99	C		2,660,232	2228	398	C										
N6ER	218,136	488	149	C	KE5LG (+KA5OSM, K4OCE)														
N6HC	188,454	641	198	C		104,064	271	128	C										
N6FM	141,036	292	161	C	W5YM (K5KVN, KCBATF, + ops)														
K6ACZ	115,926	278	139	B		20,034	106	63	B										
K6EP	111,384	273	136	C	6														
NF6R	50,730	178	95	C	W6YX (N6DE, W6LD, N7MH, WJ6O, AD6FX, ops)														
7						1,985,988	1844	359	C										
W7OM	855,792	1132	252	C	W6MLP	16,779	119	47	B										
W7CT	328,802	502	217	C	W6TDM	5,355	51	35	B										
WA7UTM	272,745	435	209	C	7														
K7BG	104,850	233	150	C	WX7P	318,912	604	176	C										
KT7G	24,750	125	66	B	8														
W7YES	10,557	69	51	C	K8AZ (+K8BL, K8LN, K8MR, K8NZ, W8KIC, W8BK, W8TC)														
8						4,302,252	2823	508	C										
N8TR	2,594,592	1848	468	C	N4SEA (+ops)														
N8BJQ	2,122,824	1892	374	C		366,639	553	221	C										
K8DJC	626,175	605	345	C	9														
N8DL	219,372	362	202	B	WN9O (+W9IU)														
N4ZR	184,548	364	169	C		2,511,519	1907	439	C										
WA8WV	61,491	199	103	C	KD9ST (+KA9SQS, KA9SQR, KB9EXE)														
W8IMF	5,250	50	35	C		2,003,856	1744	383	C										
9					K9CU (KX9X, NO9Z, K9BF, AA9YF, W9SZ, K9XE, W9ADS, K9QZI, KB9PMT, ops)														
N2BJ	1,575,735	1505	349	C		1,195,908	1238	322	C										
W9XT	1,421,748	1302	364	C	K9QT (+K9NR)														
W9EA	314,601	497	211	C		902,850	926	325	C										
KB9CRY	275,808	416	221	C	K9WM (NN9K, K9WA, ops)														
NV8V	229,632	416	184	C		62,451	257	81	B										
KB9KEG	137,250	305	150	B	Multiplexer Single Transmitter														
N9LCR	100,062	327	102	C	AA1ON (+W1RH, AA1IZ, KC1YR)														

RZ90Q	76,860	305	84	B
UA0QO	14,256	99	48	B
RX9CEL	6,930	66	35	B
UA0SE	3,519	51	23	B
RA0FN	123,795	393	105	C
UA9JDP	87,945	451	65	C
RX9SX	46,575	207	75	C
UA9OS	44,880	220	68	C
RV9SV	40,158	194	69	C
RV9BB	32,850	150	73	C
RU9QA	22,620	130	58	C
UA9JDD	7,884	73	36	C
RA9OW	281,532	1618	58	C 20
RZ9UA	234,525	1325	59	C 20
UA9MA	136,116	796	57	C 20
UA9FM	63,342	391	54	C 20
UA9SJ	25,584	208	41	B 20
RZ9IB	7,980	76	35	B 20
UA9BS	7,623	77	33	B 20
RX9UKF	4,368	55	26	B 20
UA9MAZ	3,989	49	23	B 20
RA9FDR	2,829	41	23	B 20
UA9QFX	130,152	748	58	C 15
UA9APP	1,395	31	15	B 15
RZ9F	72,864	506	48	C 10

Kazakhstan

UN7FJ (@UN7FZ)	12,384	86	48	B
UP4L	335,625	895	125	C
UP5P (UN5PR, op)	181,956	514	118	C
UN7D	34,128	237	48	B 20
UN7JF	109,272	628	58	C 15
UN9FD	1,080	30	12	B 15

Hong Kong

VR2BG	93,150	621	50	C 10
-------	--------	-----	----	------

India

VU3DQJ	4,914	63	26	B 20
--------	-------	----	----	------

Europe

Croatia

9A4AS	113,100	377	100	B
9A5AZZ	1,665	37	15	B 80
9A6A	66,654	483	46	C 40
9A3ZA	360	15	8	A 40
9A4X	282,222	1622	58	C 20
9A7DM	108,216	668	54	C 20
9A2VR	164,673	963	57	C 15
9A3MA	155,781	911	57	C 15
9A2U (9A2R, op)	35,955	255	47	B 15
9A5Z	8,544	89	32	B 15
9A5Y (9A3NM, op)	251,460	1397	60	C 10
9A2RD	225,852	1298	58	B 10
9A9R	185,490	1145	54	C 10
9A5V	143,832	922	52	B 10
9A6ACY	35,217	273	43	B 10
9A2GA	9,540	106	30	C 10

Malta

9H1DE	101,994	382	89	B
-------	---------	-----	----	---

Portugal

CT1EAT	463,935	985	157	B
CT1DYV	210,795	611	115	B
CT1EWX	180,000	600	100	B
CT1BNW	42,636	187	76	B
CT2GBK	3,000	50	20	B 40
CT1A0Z	169,008	1006	56	C 20
CT1BP	388,869	2197	59	C 15
CT8T	429,933	2429	59	C 10
CT2GQN	99,144	612	54	B 10
CT2FUR	34,425	255	45	B 10

Fed. Rep. of Germany

DK3KD	138,321	423	109	A
DL1ARD	6,600	55	40	A
DL2JRM	2,808	36	26	A
DL7PP	553,164	1487	124	B
DK0DO	322,368	736	146	B
DJ1AA (AB0DL, op)	158,130	502	105	B
DL7APK	102,114	366	93	B
DL4RCK	85,065	265	107	B
DL4WA	68,376	259	88	B
DK4IO	45,333	219	69	B
DL2VB	24,750	150	55	B
DJ1VQ	13,365	99	45	B
DL3LR	12,177	99	41	B
DL8DXL	8,769	79	37	B
DL7VRG	4,950	50	33	B
DL8SDI	4,440	74	20	B
DJ8XB	3,510	45	26	B
DL3KDC	1,680	28	20	B
DL2DX	714,525	1361	175	C
DL3GA	486,873	1151	141	C
DL1PT	117,600	350	112	C
DK7FP	107,100	357	100	C
DH1TW	85,932	341	84	C
DL6DVU	33,276	188	59	C
DL3NM	6,426	51	42	C
DL3WB	2,640	40	22	C
DF3GY	70,950	473	50	C 40
DF7YU	73,008	468	52	B 20
DL5ME	67,473	441	51	C 15
DA1LDN	45,747	299	51	B 15
DL7XR	24,120	201	40	B 15
DL6RAI	284,439	1607	59	C 10
DF3KV	280,269	1639	57	C 10
DF9ZP	258,660	1437	60	B 10
DH0GDS	18,720	160	39	C 10
DL9ZW	9,207	93	33	C 10
DJ2YE	7,800	104	25	C 10
DL0BX	6,885	85	27	B 10
DL2ZAV	5,655	65	29	B 10
DL0XX	3	1	1	C 10

Spain

EA3MR	599,214	1297	154	B
EA1WS	559,008	1294	144	B
EA1OT	200,655	637	105	B
EA5QB	83,160	280	99	B
EA3NA	76,734	261	98	B
EA1WX	75,951	291	87	B
EA4AAK	73,038	259	94	B
ED5ASF	37,884	164	77	B
EA4EJR	33,288	146	76	B
EA1APS	24,003	127	63	B
EA3GP	18,816	98	64	B
EA7FIQ	18,792	108	58	B
EA4EMC	18,408	104	59	B
EA2AVM	15,105	95	53	B
EA5TN	13,671	93	49	B
EA1HF	10,137	109	31	B
EA1DGE	8,100	75	36	B
EC2BAH	5,307	61	29	B
EA5DFV	1,650,537	2583	213	C
EA3BOX	1,255,956	2158	194	C
EA3WL	488,796	1058	154	C
EA3BIM	311,649	973	131	C
EA5BY	220,941	501	147	C
EA4BQ (OH0XX, op)	213,066	534	133	C
EA5FID	210,255	535	131	C
EA1FFC	130,326	406	107	C
EA3AAV	27,018	158	57	C
EA3GIS	15,288	91	56	C
EA3AQQ	15,015	91	55	C
EA1BID	2,337	41	19	C
EA3GHQ	6,804	81	28	C 40
EA1AAW	28,167	229	41	B 20
EA1DDO	107,730	630	57	C 15
EA3KT	31,458	214	49	B 15
EA3AR	199,584	1188	56	C 10
EA7FTR	173,376	1032	56	B 10
EA5DFX	59,925	425	47	B 10
EA3DUZ	34,086	247	46	C 10
EA5AAJ	14,157	121	39	B 10
EA7GSU	5,460	70	26	B 10
EC7AMD	3,375	45	25	B 10
EC5CZB	3,240	45	24	B 10

Balearic Islands

EA6XD	15,309	81	63	B
EA6TC	76,800	512	50	C 10

Ireland

EI8GP	269,100	780	115	B
EI2CH	100,170	371	90	B
EI4DW	1,171,566	2013	194	C

Moldova

ER6A (ER1LW, op)	470,400	1120	140	B
ER1BF	1,326	26	17	B
ER0ND (UT7ND, op)	176,112	1223	48	C 10

Estonia

ES6KW	2,997	37	27	B
ES4RD	64,938	274	79	C
ES6PZ	15,972	121	44	C
ES6MT	9,216	96	32	B 15
ES5CX	1,998	37	18	B 15
ES6CO	12,702	146	29	B 10
ES1AC	216	9	8	B 10

Belarus

EW6AL	21,900	146	50	B
EU2DX	13,875	125	37	B
EU1AZ	7,848	109	24	C 80
EW1WB	6,177	71	29	B 15
EU1SA	36,822	323	38	C 10

France

F5BEG	302,967	687	147	A
F5POJ	62,100	225	92	B
F5TYU	54,492	239	76	B
F5MAA	42,432	208	68	B
F5TVG	35,964	148	81	B
F5FYO	19,140	110	58	B
F5JBF	12,282	89	46	B
F6CWA	412,086	794	173	C
F6HMQ	212,940	1183	60	C
F6KAR (F5IOA, op)	131,010	397	110	C
F6FTB	92,928	352	88	C
F5AMH	88,440	335	88	C
F5OIH	12,963	149	29	B 80
F6DRP	67,485	409	55	B 15
F5M00	250,020	1389	60	C 10
F5NZO	110,850	739	50	B 10
F5JY	35,640	264	45	B 10

England

G3FNM	62,832	272	77	A
G4NXG/M	137,808	396	116	B
G3NDC	56,196	223	84	B
G4REH	52,488	216	81	B
G3RSD	34,293	161	71	B
G6QQ	10,962	87	42	B
G0/N9LYE	4,200	50	28	B
G3YTU	1,914	29	22	B
M6T (G4PIQ, op)	3,261,087	4041	269	C
G4BUO	1,067,475	1655	215	C
G3TMA	393,579	1017	129	C
G4IUF	245,016	664	123	C
G3MXJ	114,180	346	110	C
G4OJH	255,474	1494	57	C 10
M0SDX	246,384	1416	58	C 10
G0VSN	65,283	463	47	C 10
G0NWX	42,504	322	44	B 10
M4T (G0VQR, op)	10,752	112	32	B 10

Northern Ireland

G1OKVQ	360,315	765	157	B
--------	---------	-----	-----	---

Scotland

GM4ELV	3,312	46	24	A
MM0LEU	63,936	296	72	B

GM4UYZ	45,990	210	73	B
GM4YX	1,696,785	2759	205	C
GM7V (GM3WQJ, op)	990,720	1536	215	C
GM3BCL	250,200	695	120	C

Guernsey

MU0FAL	83,325	275	101	B
--------	--------	-----	-----	---

Wales

MW5EPA	161,928	519	104	B
GW0AJJ	78,174	303	86	B
GW3WVN	34,452	198	58	B
GW3JW	12,705	121	35	B 15
GW4BLE	328,140	1823	60	C 10

Hungary

HA8EN	72,165	283	85	B
HA8IB	15,390	90	37	B
HA8JV	1,497,231	2411	207	C
HA8AR	18,093	163	37	B 20
HA7RC	14,580	135	36	B 20
HG5C	283,680	1576	60	C 10
HA6NF	193,050	1170	55	C 10
HG1W	190,836	1178	54	C 10
HG8Z	117,936	756	52	C 10
HA5PT	46,200	385	40	B 10
HA0GK	5,922	94	21	A 10

Switzerland

HB9BFM	41,496	182	76	C
HB9CQS	4,950	66	25	C 20
HB9ACA	41,076	326	42	B 10
HB9DCM	30,645	227	45	B 10

Italy

