

Results, 1989 ARRL International DX Contest

Conditions were simply incredible—K3ZO

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This year's contest was fantastic! Conditions were superb—the best ARRL International DX Contest in many years! In fact, it may go down in the record books as the best year ever. W9HE believes that “this contest provided the most fun I ever remember having in a DX contest! Conditions were great, and I had no trouble working almost everyone I could hear.” Twenty meters never closed, forty opened in the early afternoon and ten and fifteen were just simply hot! Everywhere you looked, the bands were jam-packed with stations to work. KD0EE summed it up with, “What a difference a few sunspots make!” Great conditions translate into high scores and a scan through the score boxes will show how great the conditions were. N4ZR boasts, “I doubled my best previous score; conditions seemed wonderful!” In the same tone, KQ3V reports, “It was nice to see that the sunspots are back. I increased my score better than 80% over last year with essentially the same station.”

The conditions were so good that it was hard to decide what band you should be on. N4OGW found that “ten meters was so good this year, I stayed there for the entire contest!” W9GXR reports, “I was really excited to once again hear the band open around the clock with much activity, but it's grueling to ops over 50 years old!”

This was a good year for QRP. NU4B claims, “I worked 53 different countries QRP and probably could have done better.” W5TB also tried QRP and “completed WAC/QRP in 17 minutes!”

A total of 3889 logs were received—an increase of 495 log entries over last year's DX contest. Logs received from DX stations totaled 1156 CW and 643 phone; W/VE logs received totaled 914 CW and 918 phone. A special thanks to the 258 ops who submitted checklogs.

W/VE Highlights

The East Coast dominance was prevalent again this year in the battle for the top single-op spots on both CW and phone. Bob, KQ2M, operated KM1H to the tune of 3.3 meg to win the first-place CW plaque. N2LT scored 2.9 meg to edge out

K3ZO for second place with 2.8 meg.

Tim, K3LR, guest operating at K3TUP amassed 3.5 million points for a repeat of last year's first-place phone win. Bob, KQ2M, put in another good effort on phone at KM1H scoring 3.2 million points to finish second. Fred, K3ZO, secured third place with an impressive 2.8 meg score.

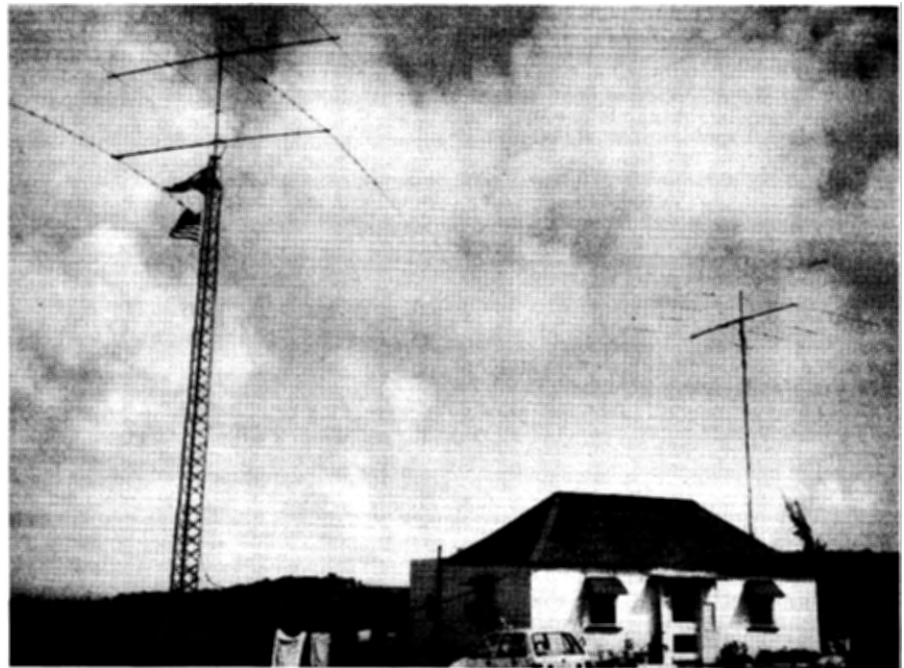
VO1MP has done it again! This is the fifth year in a row that Gus has won first-place, low-power CW (<150 W). What are you doing with all those plaques, Gus? W1PH put in a good effort of 1.5 million points for the second place spot, and KZ2S finished third with 1.4 meg.

W2HPF didn't quite reach 1 meg, but his 890k points won the W/VE low-power phone plaque. W1PH didn't cut him much slack, scoring 870k points for a close second-place finish. K6SIK scored 729k points for third.

Doug, KR2Q, tried his luck at QRP (<5 W) and came out with a double-header

win taking the W/VE QRP plaque on both modes. On CW he secured the plaque with 570k points and on phone he scored 391k points. Last year's QRP CW-plaque winner, W8VSK scored 389k points for an impressive second-place finish. N4JF finished third on QRP CW with 328k points and second-place QRP phone with 348k points. KA2AJT was close behind for third-place QRP phone with 338k points.

The single-band categories were as popular as ever. One can concentrate on QSOs and multipliers without the headaches of when and where to make those band changes. In the single-band 160-meter-category, veteran K1ZM took first-place honors on both modes. Great going Jeff! The 80-meter W/VE CW plaque went to W1FV scoring 115k. K4HJJ finished first place 80-meter phone with 27k. KB0G won the 40-meter single-band CW plaque with a score of 229k. The 40-meter phone winner was KV0Q. Gene,



A shot of the antennas that helped 8P9X (K4FJ, op) achieve third-place world in the CW contest.

Top Ten Single Operator—W/VE CW

Call	Score	160	80	40	20	15	10
KM1H (KQ2M,op)	3,313,218	20/19	121/52	366/62	762/73	709/90	936/83
N2LT	2,956,224	13/13	94/37	397/64	868/73	672/78	804/81
K3ZO	2,878,050	13/13	116/47	416/67	613/70	702/72	881/81
K1ZZ	2,797,167	15/13	109/42	353/60	659/71	665/75	886/86
N5AU (WN4KKN,op)	2,795,688	14/14	71/40	391/58	843/82	587/76	803/74
K1BW	2,709,357	15/14	87/37	415/59	861/80	691/77	564/76
K1RU	2,598,186	14/14	82/42	425/54	646/68	601/74	815/82
N4RJ (KM9P,op)	2,591,730	10/10	102/45	339/56	838/72	630/71	691/77
W9RE	2,449,890	15/14	61/38	323/59	700/68	691/72	715/75
N2IC/Ø	2,407,680	11/10	47/25	303/52	632/68	712/82	803/83

Top Ten Single Operator—W/VE Phone

Call	Score	160	80	40	20	15	10
K3TUP (K3LR,op)	3,508,800	18/12	66/37	89/42	923/111	996/104	832/84
KM1H (KQ2M,op)	3,299,791	17/13	93/49	99/59	682/110	719/96	972/99
K3OO	2,827,182	13/12	101/38	86/42	620/95	781/99	866/96
N6BV/1	2,783,550	6/6	76/41	126/46	508/103	850/99	844/90
K1RU	2,606,901	10/8	56/35	108/52	570/108	635/89	788/109
K3ZO	2,481,510	3/3	71/39	148/55	702/89	691/76	670/100
WOØG	2,481,042	10/7	45/28	121/51	527/100	745/99	678/104
N2LT	2,358,342	7/7	66/38	93/46	556/96	753/91	667/89
VO1MP	2,212,995	23/13	92/47	113/51	574/84	488/86	731/84
NR5M (WN4KKN,op)	2,191,068	12/10	38/25	156/42	467/91	565/87	774/108

Top Ten Single Operator—DX CW

Call	Score	160	80	40	20	15	10
P4ØGD (W2GD,op)	5,193,216	273/51	598/57	687/57	949/57	1093/57	1552/57
N3JT/HKØ	4,052,370	306/47	500/51	448/56	691/56	794/56	1456/56
8P9X (K4FJ,op)	3,858,069	200/44	385/47	394/50	662/56	1141/57	1407/53
XE2NQ (AA5B,op)	3,554,139	103/35	421/55	641/56	843/57	1057/57	794/47
KP2Z/KH6	3,081,720	96/32	418/53	644/55	490/54	609/55	1111/56
G3FXB	2,707,848	5/5	129/39	507/52	957/56	671/55	163/56
N5CT/KH6	2,455,446	1/1	324/47	476/56	544/52	731/54	1001/56
OK1ALW	2,423,250	4/3	136/31	429/51	974/56	729/55	959/54
NL7GP	2,354,688	1/1	158/32	373/52	606/57	901/57	1027/57
Y42MK	2,117,424	0/0	133/30	372/51	675/56	731/56	935/55

Top Ten Single Operator—DX Phone

Call	Score	160	80	40	20	15	10
V31C (KE5CV,op)	9,047,040	15/9	419/54	701/56	1670/57	2242/57	4241/57
P4ØV (AI6V,op)	7,711,680	12/6	507/53	520/57	2098/58	1147/58	3640/58
VP5T (NM2Y,op)	6,313,692	129/36	297/46	585/56	1817/57	1860/58	2145/56
PJ9JT (W1BIH,op)	4,839,039	57/22	337/48	365/50	705/56	1510/57	2569/58
XE2NQ (AA5B,op)	4,362,240	21/13	390/51	797/55	781/55	1513/56	1618/54
VP2MBA (W7FP,op)	4,311,780	42/13	238/43	547/52	1081/55	1015/57	2247/58
K6GSS/KH6	3,188,010	0/0	104/31	613/56	590/52	209/41	2949/58
9Q5NW (N4NW,op)	2,966,208	0/0	31/18	188/36	1133/57	1469/57	1593/56
FG5/KA3DSW	2,562,210	0/0	227/47	284/40	1007/54	836/54	1132/50
OK1RI	2,422,380	1/1	15/8	436/42	685/57	1081/56	1082/51

N2AA, outdistanced all others on 20-meter CW with a score of 600k. The 20-meter phone champ was AI7B with 236k. Brass pounder K2VV won the 15-meter category with 557k. Scoring over 701k, W7EJ won the 15-meter phone plaque. K1RM lead the way on 10-meter CW, scoring 449k. The 10-meter phone champ was K4XS with 806k points.

The multioperator categories were a fierce tooth and nail battle all the way on both CW and phone for 1989. The multi-single category was a duel between W3BGN and AA1K, with the 'BGN crew edging out a victory by about 100k for the plaque. On phone however, AA1K and gang reversed

the standings and claimed the plaque, edging out W3BGN by 100k. In the multi-two category, K1AR and friends showed no mercy and took the plaque on both modes, signing K1AR on CW and KC1F on phone. N3RS was second on CW with 5.7 meg, and N5AU with 5.3 meg was second during the phone weekend. Frank, W3LPL, and crew dominated the multi-unlimited category again in 1989. Their 8.9 million points efforts on both modes secured them the CW plaque along with the phone plaque. NR5M and gang finished second on CW with 7.3 meg. During the phone weekend, WM5G placed second with 7.3 meg.

W/VE Low Power Top Ten (<150 W)

CW	Score	Phone	Call	Score
VO1MP	1,601,538	W2HPF	890,100	
W1PH	1,503,054	W1PH	870,534	
KZ2S	1,464,120	K6SIK	729,195	
W2TZ	1,438,686	KQ3V	643,140	
N5AW	1,080,108	WA2UUK	566,685	
W7Yaq	905,364	W7Yaq	498,168	
W6JTI	897,408	N5AW	456,816	
KA2AEV	858,750	W9IL	369,981	
N2AZS	841,995	WB3FYL	362,916	
W1MX (AD1C,op)	813,483	KD5GD	326,106	

W/VE QRP Top Five (<5 W)

CW	Score	Phone	Call	Score
KR2Q	570,825	KR2Q	391,950	
W8VSK	389,340	N4JF	348,840	
N4JF	328,251	KA2AJT	338,580	
K3WS	291,456	KD2I	319,029	
K1CGJ	287,175	N1AFC	182,106	

Top DX QRP Scores (<5 W)

CW	Score	Phone	Call	Score
YU2TY	351,360	JA2JSF	103,005	
JA9RPU	207,897	F1BEG	86,940	
DL2HQ	172,989	IØKHP	75,945	
HB9ADD	169,176	A22AA	39,600	
JR1IOS	138,384	EI8AU	35,295	

DX Highlights

The top-ten, single-op listings shows a host of US ops who manned their favorite DX spots. Veteran W2GD returned to P4ØGD to win the single-operator CW plaque again this year scoring 5.1 meg. N3JT/HKØ finished second with 4 meg. Walking away with the phone plaque this year was V31C (KE5CV, op). His 9-meg score was well ahead of second place P4ØV (AI6V, op) with 7.7 meg.

The multioperator DX categories denoted some stiff competition from around the world. The multi-single CW plaque went to KP2A with 4.7 meg. PJ2J amassed 4.3 meg for a well-earned second-place CW finish. VP2MU and crew took the multi-single plaque on phone with an impressive 8.6 million points, outdistancing second place VP5V with 5.1 meg. The CW multi-two plaque went to 6Y5L who edged out 4N4C by 500k points. On phone, XE2FU and gang didn't let up and took the multi-two phone plaque with 9.8 meg. JA8YBY finished second with 2 meg. The Italian multi-unlimited crew at I3JSS edged out contender YT2R by only 100k points for the multi-unlimited CW plaque. On phone, 6D2DX walked away with 10 million points for an easy win. The crew at I3MAU was second with 4.3 meg.

Affiliated Club Competition

It was a close battle for the unlimited-club gavel. When all the dust had settled, the Frankford Radio Club emerged as gavel

Affiliated Club Program

Unlimited Category	Score	Entries	CW Winner	Phone Winner
Frankford Radio Club	126,810,402	129	N2LT	K3OO
Yankee Clipper Contest Club	126,254,961	107	KM1H (KQ2M,op)	KM1H (KQ2M,op)
Potomac Valley Radio Club	52,099,869	60	K3ZO	K3ZO
Northern California DX Club	28,903,092	74	N6QR	K6HNZ
Medium Category				
North Texas Contest Club	32,487,618	25	N5AU (WN4KKN,op)	N5AW
Mad River Radio Club	16,986,336	21	W8UA	N8ATR
Society of Midwest Contesters	15,135,894	26	K9UIY	W00G
Western Washington DX Club	11,328,510	41	NN7L	N7TT
Texas DX Society	10,043,319	5	KC5CP	NR5M
Minnesota Wireless Assn	8,903,580	7	N0AT	N0AT
Murphy's Marauders	7,822,797	18	K1ZZ	K1BV
Central Virginia Contest Club	7,669,872	7	W4MYA	W44HOT
Willamette Valley DX Club	6,315,501	10	K5MM7	W7EJ
Southeastern DX Club	5,898,063	12	WX4G	WX4G
Dixie DXers Contest Club	5,052,282	18	K4BAI	N4FD
Southern California DX Club	4,578,015	20	W6AE	W6MFC
Rochester (NY) DX Assn	4,559,178	18	W2TZ	W2HPF
San Diego DX Club	3,162,477	19	AA4M	N6ADK
Eastern Iowa DX Assn	2,700,771	15	N0SM	W0EJ
Southern California Contest Club	2,476,647	9	N6AA	N6AA
Dauberville DX Assn	2,357,130	11	WA3LFY	KQ3V
Redwood Empire DX Assn	2,259,702	17	W6FSJ	W6FSJ
Salt City DX Assn	1,890,606	6	NM2L	WA2UUK
Albany ARA	1,860,882	7	KN2Q	N2AIF
Grand Mesa Contesters	1,729,023	9	KJ0G	W0GOQ
South Jersey Radio Assn	1,696,290	17	WA2VYA	W2FGY
Kansas City DX Club	1,625,013	10	KB0A	WE0A
Colorado Contest Conspiracy	1,265,874	3	K0ZX	K0CS
Albuquerque DX Assn	1,077,438	3	—	WS5O
Split Rock ARA	983,013	4	KR2Q	KR2Q
Western New York DX Assn	736,314	7	KD2YP	KD2YP
Ohio Valley ARA	693,108	3	W8RSW	NG8T
Long Island DX Assn	646,854	5	K2MFY	K1EFI
Tyler ARC	645,510	8	—	KD5GD
Northern California Contest Club	597,201	6	N6ZB	K6XO
Western Illinois ARC	285,096	9	NM9C	N9JF
West Park Radiops	136,686	8	W8IDM	W8IMF
Northern Arizona DX Assn	108,741	6	—	NZ7D
Central Michigan ARC	62,790	4	W8TJQ	W8TJQ
Local Category				
Overlook Mountain ARC	14,900,697	8	K5NA	KY2J
North Coast Contesters	9,856,338	6	WB3KKX	K3TUP
Hoosier Contest Club	5,200,656	6	W9RE	W9RE
Carolina DX Assn	2,173,920	4	K2SD	N4UH
Falmouth ARA	1,902,663	4	K5MA/1	K1BT
Arrowhead Amateur Radio Club	1,624,344	5	KR0B	W0RXL
Utah Contest Club	1,422,330	4	WE7B	WE7B
Columbus (OH) ARA	1,318,302	9	K9ALP	W8ZCQ
New Mexico Big River Contest Club	1,024,926	4	KF7E	KI3L
Western Pennsylvaniac DX Assn	958,701	3	K3MD	K3UA
Alamo DX Amigos	903,690	8	K5DB	K5DB
Fox River Radio League	822,765	4	K9MMS	WD9GIG
Sturdy Memorial Hospital ARC	602,196	4	K1ZZJ	K1LXJ
No Dot DXers	509,838	3	K9QVB	—
Larkfield ARC	487,125	3	KK2E	KK2E
Inland Empire DX Assn	448,257	4	K7EFB	NQ7M
Gabilan ARC	290,619	4	—	KB6GV
Metro DX Club	268,881	5	K9MDO	K9MDO
Schenectady ARA	202,848	3	WB2EAR	WB2EAR
Northern Illinois DX Assn	144,099	3	W9CH	W9YYG
Utica ARC	142,746	4	K2XU	KK2B
Jay Hawks ARS	72,987	10	N0FMR	K0IEW
University ARC	32,838	3	—	NQ7Q

winners for 1989 at 126.8 million points—with the Yankee Clipper Contest Club right on their heels with 126.2 meg. In the medium-club category, the North Texas Contest Club easily out distanced all others for the gavel, amassing 32 meg. The Mad River Radio Club finished second with 16 meg. The Overlook Mountain ARC established themselves at the top of the local club pile with 14 meg for the gavel. Second place honors goes to the North Coast Contesters with 9.8 meg.

The 1989 contest season will be long remembered for its great conditions, unbelievable scores and loads of fun. May the 1990 DX Contest be blessed with the same propagation conditions. So get your

antennas up and tuned—ready for hopefully another unforgettable ARRL International DX Contest in 1990.

SOAPBOX

CW

I was disappointed by the lack of Asian, Pacific and African stations that came through here (WA2WIP). South America, Africa and the affluent part of Europe was scarcely represented (WIPL). Conditions were excellent all weekend (K1FFX). I was just amazed how well I did on less than five watts! (W1JP). I had a great time in the contest. Thanks to all (WB2TPS). You have to love 10 meters—you could run Europeans with 100 watts and a dipole up 25 feet! (K2PS). It was great fun, and I got 18 new countries (WA2AXJ). Conditions were great—I never thought I'd ever find myself wishing the band would close so that I could rest! (KD2I). Thanks to the JAs and ZLs who worked

Overall Division Leaders

CW	Division	Phone
K3ZO	Atlantic	K3TUP (K3LR,op)
W9RE	Central	W9RE
N0AT	Dakota	N0AT
W4XJ	Delta	N4TG
N8BV	Great Lakes	WB3KXX
N2LT	Hudson	N2LT
N0SM	Midwest	W00G
KM1H	New England	KM1H (KQ2M,op)
K5MM/7	Northwestern	N7TT
N6QR	Pacific	K6HNZ
K4PQL	Roanoke	KX3Q
N2IC/0	Rocky Mountain	KI3L
N4RJ	Southeastern	N4FD
W6AE	Southwestern	K6EID
(KM9P,op)		
N5AU	West Gulf	NR5M (WN4KKN,op)
(WN4KKN,op)		
VO1MP	Canada	VO1MP

Top W/VE Single-Band Scores—CW

160	Score	20	Score
Call		Call	
K1ZM	9,240	N2AA	600,696
K5UR	1,914	W5FO	391,134
N6LL	1,377	N16W	365,904
(WA6CDR,op)		WA7RKJ	302,160
VE3DO	1,254	K9QVB	281,340
W2FCR	972		
80		15	
Call		Call	
Score		Score	
W1FV	115,710	K2VV	557,235
K8HVT/1	41,415	KE3Q	510,600
W7IVX	16,830	K1TO	504,495
K3JGJ	15,180	K4XS	440,700
WA1HYN	14,400	(WC4E,op)	
		N4ZZ	352,968
40		10	
Call		Call	
Score		Score	
KB0G	229,320	K1RM	449,820
VE2FU	172,992	N8DCJ	422,718
WB9Z	165,438	W0ZV	408,096
K9DX	163,296	W5WMU	332,856
N9AG	154,656	N8HHE	321,984
		(WA8DXB,op)	

Top W/VE Single-Band Scores—Phone

160	Score	20	Score
Call		Call	
K1ZM	4,500	A17B	236,844
K5UR	1,764	K1UO	234,531
W2FCR	1,350	NK7U	176,532
		K9CLO	128,520
80		15	
Call		Call	
Score		Score	
K4HJJ	27,180	W7EJ	701,784
A4YBV	24,462	W7WA	665,160
N4XO	11,040	KE3Q	505,158
N3AHF	8,208	N17T	312,438
K8OQL	4,500	K0ZX	279,282
40		10	
Call		Call	
Score		Score	
KV0Q	74,880	K4XS	806,577
N4ZC	64,701	W5WMU	587,250
KC7KU	60,750	(KE5FI,op)	
KZ2I	28,644	KX4R	432,054
VE2FU	18,720	K5MK	359,373
		KA1ZD	344,100

a weak signal (K4FOY). The ice storm that hit Friday evening and lasted for the entire weekend gave new meaning to the term "fixed array." For the first time in years I was able to make more than 250 QSOs. Very very FB Contest! (W4YN). I enjoyed the contest as always! (KA4YAE). Band

W/VE Plaque Winners—CW

Single Operator

Category	Winner	Donor
All Band	KM1H (KQ2M,op)	Frankford Radio Club
1.8 MHz	K12M	Billy Lunt, KR1R
3.5 MHz	W1FV	Dayton Amateur Radio Assn
7 MHz	KB0G	Northern Arizona DX Assn
14 MHz	N2AA	Fox Cities Amateur Radio Club—W9ZL
21 MHz	K2VV	Carl Luetzelschwab, K9LA
28 MHz	K1RM	W5MYA
Low Power	VO1MP	Dauberville DX Assn
QRP	KR2Q	David Newkirk, AK7M

Multioperator

Single Transmitter	W3BGN	Northern Illinois DX Assn
Two Transmitter	K1AR	Kenwood USA Corporation
Unlimited	W3LPL	ETO Inc/ALPHA

W/VE Plaque Winners—Phone

Single Operator

Category	Winner	Donor
All Band	K3TUP (K3LR,op)	Frankford Radio Club
1.8 MHz	K12M	Butch Greve, W9EWC, Memorial
3.5 MHz	K4HJJ	Lance Johnson Engineering, K0CS
7 MHz	KV0Q	Dave Thompson, K4JRB
14 MHz	A17B	Dayton Amateur Radio Assn
21 MHz	W7EJ	Kenwood USA Corporation
28 MHz	K4XS	Windsor Amateur Radio Club, VE3OW
Low Power	W2HPF	Dauberville DX Assn
QRP	KR2Q	Marlis, N4MZJ, Hermitage Wireless Inc

Multioperator

Single Transmitter	AA1K	Kenwood USA Corporation
Two Transmitter	KC1F	Kenwood USA Corporation
Unlimited	W3LPL	Western New York DX Assn—W2RR

DX Plaque Winners—CW

Single Operator

Category	Winner	Donor
World	P40GD (W2GD,op)	North Jersey DX Assn
Africa	5H1HK (JE3MAS,op)	WB3KTX
Asia	JA7FWR	Alamo DX Amigos
Europe	G3FXB	Clarke V. Greene, K1JX
North America	N3JT/HK0	W4KFC Memorial Plaque—PVRC
Oceania	KP2Z/KH6	Robert J. Halprin, K1XA
South America	P40GD (W2GD,op)	Herbert Hoover, Jr, W6ZH Memorial Award
1.8 MHz	YV1OB	Jim Dionne, K1MEM, and Bill Poellnitz, K1MM
3.5 MHz	K0GVB/C6A	Mad River Radio Club
7 MHz	I2VXJ	Dr W.R. Staples, W4SME
14 MHz	A16V/VP9	Bencher, Inc.
21 MHz	KV4FZ (N6OP,op)	Southern New England DX Assn
28 MHz	HC2G (HC2SL,op)	ZP5XDW
QRP	YU2TY	Rick, KZ2E, Hermitage Wireless Inc

Multioperator, Single Transmitter

World	KP2A	John Brosnahan, W0UN
Africa	EABRCT	Kenwood Employees ARC, WD6DJY
Asia	UZ0QWA	Kenwood USA Corporation
Europe	HG1S	The Radio Place
North America	KP2A	Kenwood USA Corporation
Oceania	KX6OI	Gary Stilwell, K16T and Glenn Stilwell, WR6O
South America	PJ2J	Kenwood USA Corporation

Multioperator, Two Transmitter

World	6Y5L	Kenwood Employees ARC, WD6DJY
Asia	JA1YXP	Kenwood USA Corporation
Europe	4N4C	Kenwood USA Corporation
North America	6Y5L	David W. Brandenburg, K5RQ
South America	HK3MAE	Max Arnold, W4WHN, Memorial

Multioperator, Unlimited

World	I3JSS	H. Stephen Miller, N0SM
Asia	JA8YBY	Kenwood USA Corporation
Europe	I3JSS	Texas DX Society
North America	WF8C/VP9	ETO Inc/ALPHA

conditions were great—it was a pleasure to be duped by a VS6 (K4AMC). This was a very good contest. I'm glad to see the great band conditions returning on the upper 3 HF bands (WB4DNL). Great contest! Sure wish that I could have worked everything I heard! (KD5PJ). The 10-meter CW band isn't big enough. Competition for frequencies was tough down here (AD5Q). Con-

Special Plaques

Single Operator

Category	Winner	Donor
W/VE S/O Combined Score	KM1H (KQ2M,op)	National Contest Journal
W/VE Low Power, Combined Score	W1PH	Rochester (NY) DX Assn
World S/O Combined Score	XE2NQ (AA5B,op)	Mike Manafo, K3UOC, P46S, 4M4A
Africa Combined Score	CN8FC	Dave Heil, K8MN and Tom Gregory, N4NW
Japan Combined Score	JH7DNO	JA7WME, JG7SVZ, JH7AFR
Atlantic Division (CW)	K3ZO	K2NY Memorial—Salt City DX Assn
Great Lakes Division (CW)	NABV	Livonia Amateur Radio Club, Livonia, MI
Great Lakes Division (Phone)	WB3KKX	Livonia Amateur Radio Club, Livonia, MI
Hudson Division (CW)	N2LT	W2AO Memorial—Order of Boiled Owls
Israel S/O (CW)	4X6UU	Robert E. Weinstock, KN1K
Japan (CW)	JA7FWR	Western Washington DX Club
Seventh Call Area (CW)	K5MM/7	Willamette Valley DX Club
Seventh Call Area (Phone)	N7TT	Willamette Valley DX Club
Single Op Under 18 (CW)	NL7GP	Virginia A. Greene, WB1AVA
Single Op Under 18 (Phone)	NL7GP	Virginia A. Greene, WB1AVA
USSR All-Band (CW)	UP3BA	K1KI, WB4TDH, AA6BB, KA6V
USSR All-Band (Phone)	RB5DX	K1KI, W4MOM, AA6BB, KA6V

Multioperator

Caribbean Multi-Single (CW)	KP2A	The YASME Foundation
Caribbean Multi-Single (Phone)	VP2MU	W5MYA
Multi-Multi Combined World	YT2R	W2PV Memorial—Schenectady ARA

DX Plaque Winners—Phone

Single Operator

Category	Winner	Donor
World	V31C (KE5CV,op)	North Jersey DX Assn
Africa	9Q5NW (N4NW,op)	Kenwood USA Corporation
Asia	JH1AEP	Acadiana DX Assn
Europe	OK1RI	Gerald Griffin, MD, W8MEP
North America	V31C (KE5CV,op)	Chod Harris, VP2ML
Oceania	K6GSS/KH6	Doc Sayre, N7AVK
South America	P40V (A16V,op)	Kenwood USA Corporation
1.8 MHz	HK3DFT	Fred Race, AL7JO, in Memory of Charlie, W8TCS
3.5 MHz	TE1L	Kenwood USA Corporation
7 MHz	ZF2MV	Central Arizona DX Assn
14 MHz	T32AF (KH6UR,op)	Don Wallace, W6AM, Memorial, Central CA DX Club
21 MHz	NP4CC	Ray Molony, W2NCL, Memorial, Long Island DX Assn
28 MHz	P40T (KB2HZ,op)	Contest Committee—LIMARC
QRP	JA2JSF	Gerald Griffin, MD, W8MEP

Multioperator, Single Transmitter

World	VP2MU	Gloucester County ARC
Africa	T5GG	Kenwood USA Corporation
Asia	JA7YAA	Kenwood USA Corporation
Europe	F6BEE	Kenwood Employees ARC, WD6DJY
North America	VP2MU	Society of Midwest Contesters
Oceania	KX6OI	Society of Midwest Contesters

Multioperator, Two Transmitter

World	XE2FU	Kenwood USA Corporation
Asia	JA8YBY	Kenwood USA Corporation
North America	XE2FU	Jan Hubach, OH1ZAA and John Brosnahan, W0UN
South America	ZY4BA	Kenwood USA Corporation

Multioperator, Unlimited

World	6D2DX	Wayne Yoshida, KH6WZ
Asia	JA9YBA	Kenwood Employees ARC, WD6DJY
Europe	I3MAU	Kenwood USA Corporation
North America	6D2DX	ETO Inc/ALPHA

ditions were great on 10 and 15 meters! (W6LC). The conditions this year were outstanding! (KW6Q). A most enjoyable contest. I'll see you in '90 (W6MVV). Unfortunately, many Pacific and Caribbean multipliers were not there, but conditions were fantastic! (W6YA). Conditions were great, but there was not much activity from South America and the Pacific (N6ND). Conditions were very good. Same frequency was open to Japan at all times! (N7IR). Thanks for a great contest, and I hope to see you again next year (WA7EGA). The band conditions were poor on 80 meters. 10- and 15-meter bands seemed

Top W/VE Multioperator Scores—CW

Single Transmitter

Call	Score	160	80	40	20	15	10
W3BGN	2,897,424	20/17	121/40	455/64	863/72	581/76	696/84
AA1K	2,798,280	20/18	122/45	450/60	674/76	597/81	728/80
KY2J	2,793,630	13/13	142/49	544/64	741/82	534/80	536/83
K1IU	2,679,804	8/8	94/43	563/55	764/72	700/70	628/76
K5ZD/3	2,652,639	11/10	66/34	358/62	744/75	697/79	717/81

Two Transmitter

K1AR	6,892,194	19/17	254/52	899/79	1573/101	1179/93	1262/101
N3RS	5,781,849	20/16	234/61	701/78	1297/86	1203/97	996/95
K4VX/0	5,496,942	26/23	70/42	586/74	1387/85	1300/91	1133/92
WMSG	4,831,083	17/16	63/39	534/75	1187/99	1008/101	998/93
N6RO	4,561,716	10/9	152/28	578/70	1128/88	1153/102	898/91

Unlimited

W3LPL	8,953,632	44/29	387/60	1078/88	1548/101	1650/104	1485/100
NR5M	7,370,745	31/27	202/59	770/88	1429/107	1339/110	1274/96
K1ST	7,020,900	22/20	298/53	972/79	1585/94	1272/94	1231/95
KY1H	6,252,774	10/10	164/49	968/82	1483/90	1242/93	1072/98
W0AIH/9	5,798,520	18/16	92/45	722/75	1247/95	1363/95	1238/87

Top DX Multioperator Scores—CW

Single Transmitter

Call	Score	160	80	40	20	15	10
KP2A	4,765,710	299/50	606/56	565/57	951/57	1039/57	1282/58
PJ2J	4,381,746	263/50	496/56	575/57	906/57	1084/57	1049/57
HG1S	2,873,034	0/0	130/24	469/53	1327/58	812/57	1155/54
J80A	2,846,160	105/36	542/49	521/54	725/53	893/54	427/49
XE2EBE	2,802,600	176/39	442/54	549/51	363/50	402/51	1182/55

Two Transmitter

6Y5L	2,572,317	247/42	531/50	662/54	334/47	349/51	764/53
4N4C	2,060,289	0/0	83/21	312/44	1121/57	528/56	929/53
SM5GMG	1,537,632	0/0	47/15	437/53	670/56	473/54	621/50
JA1YXP	1,161,864	0/0	49/20	343/47	141/45	986/56	274/48
HK3MAE	155,868	0/0	0/0	0/0	112/42	86/34	221/47

Unlimited

I3JSS	3,861,750	16/11	229/35	738/56	1518/56	1115/57	1134/56
YT2R	3,761,604	87/24	170/29	654/54	1529/57	1049/56	1054/56
JA8YB	2,484,720	0/0	144/21	438/51	795/56	1052/56	1022/56
JA1YFG	2,129,166	0/0	126/18	454/51	651/55	898/57	904/53
WF8C/VP9	1,826,025	0/0	527/52	421/48	467/47	718/55	292/49

Top DX Single-Band Scores—CW

160	Score	20	Score
YV1OB	39,555	Al6V/VP9	342,684
NO9M/KP4	21,660	YZ1U	292,320
CT1AOZ	20,088	4N2V	255,474
		OH7MA	224,448
		ZY0FX	194,040
		(W9VA,op)	
		15	Score
		KV4FZ	311,049
		(N6OP,op)	
		9Y4VU	308,826
		AL7CQ	288,990
		I4IND	257,172
		G4CNY	232,389
		10	Score
		HC2G	306,600
		(HC2SL,op)	
		VP2MW	286,926
		(N4MO,op)	
		GW4BLE	280,056
		(G3WVG,op)	
		VE7QQ/AH6	247,800
		YZ3A	247,779
		(YU3BC,op)	

open like the good old days! (W7DRA). Signals were dynamite. I got most on the first call and got some new countries (NC7O). It was a great contest with great propagation conditions. I can't wait for next year! (N8AGU). The contest was great! Conditions on all bands could not have been better. (WD9Q). Thanks to all the A-1 operators who picked up my 4 watts and the mini-quad only up 25 feet (NX9T). There was fantastic 40-meter openings into Europe both nights (K0OST). I came away feeling that I had made many new overseas friends and having nearly doubled last year's score. The

big thrills were four new countries, including 9Q5DX through a very large pileup (WB2V). My biggest thrill was working Europe on 40 and 80 meters with 100 watts and a dipole! (WA0UO). Conditions were fantastic for the contest this year. I had a ball and I am looking forward to the SSB portion (VE3NYT). It was a very good contest and there was good conduct from the stateside stations (ZS1VP). Band conditions were very good. Thank you very much (JA7FWR). Nice conditions on 10 meters in Japan! I could contact all the states. (JM1LRQ). The conditions seemed to be poor on 160-40 meters, but I had fun on 15 and 10! Great contest! (U29CWW). This again was a wonderful contest! Only the 80-meter band was crammed by very strong European stations! (DL1TH). It was nice to see that 10 meters was wide open to W/VE (DF1LX). Thanks for an enjoyable contest, and it was nice to hear the old familiar call signs (G2HPF). I hope I helped give a new multiplier, and also I hope to return in '90 if the weather is suitable (G4UOL). I had call letter problems—Europe was answering my CQs, not W/VEs (W9LT/I0). It was an exciting contest due to good propagation! (IK2EGL). The propagation was rather good and especially to the West Coast (ON6LO). It was fantastic to work all states on 40 meters (OZ1FTE). Even with my low beam, I could reach North America (OZ4UN). It certainly was very nice to operate with US radio amateurs again! Many thanks for a great contest! (UA2EC). Nice propagation on 15 meters again after many years (UT4UX). Wonderful conditions on 10-meter band! (UP2BBF). We were very pleased to work so many stations on 80, and this certainly testifies that CW is not dead! (K0GVB/C6A). It was great to work some hard-to-find states for WAS! (XE2IZ). The hardest thing, torture actually, was to stay at the radio while the view of the pool and fantastic lagoon tugged away at me (KH0/KU2C). Thanks to all those ops who continue to work 160 meter! (W2GD).

Phone

I've been a ham for almost 35 years, and I finally worked China in the contest (K1JB). I was very pleased by conditions, and also how well my

Top W/VE Multioperator Scores—Phone

Single Transmitter

Call	Score	160	80	40	20	15	10
AA1K	2,972,025	14/11	82/39	104/54	874/115	623/97	634/109
W3BGN	2,869,590	22/13	98/43	115/55	753/105	691/98	654/96
K1YR	2,681,775	11/10	62/41	101/56	569/110	682/110	630/108
N3BB/5	2,425,776	9/6	35/23	231/45	619/102	440/87	750/125
N4KG	2,124,000	10/8	35/28	83/45	404/100	484/83	872/111

Two Transmitter

KC1F	6,390,900	17/15	138/53	177/77	1293/135	1437/123	988/123
N5AU	5,354,538	14/9	44/30	248/60	777/127	1526/122	1094/134
K1RX	4,864,500	11/10	68/33	165/67	889/116	1372/117	945/127
N6RO	4,696,314	3/3	66/29	412/53	749/126	1611/111	766/112
N2MG	4,343,808	4/4	95/44	187/62	1173/125	920/100	853/113

Unlimited

W3LPL	8,965,758	33/22	242/64	313/84	1402/151	1652/133	1432/135
WMSG	7,343,838	16/9	81/42	308/80	1253/145	1463/143	1266/139
NB1H	6,454,629	23/16	120/48	257/78	1315/125	1419/119	1093/124
KX4S	5,943,672	21/15	149/59	305/85	1294/136	1438/119	724/90
K5NA	5,677,890	30/21	159/61	175/70	1092/134	998/119	1117/125

Top DX Multioperator Scores—Phone

Single Transmitter

Call	Score	160	80	40	20	15	10
VP2MU	8,687,040	114/36	429/55	711/57	2325/58	1161/57	4309/57
VP5V	5,153,031	27/12	216/41	685/55	1391/56	1875/57	2007/56
J80A	5,027,616	31/15	417/53	487/52	1130/54	1000/57	2754/57
KX6OI	3,103,866	4/4	101/33	506/51	1159/55	814/52	1172/49
F6BEE	3,017,664	28/12	227/32	459/43	901/56	1269/56	1172/49

Two Transmitter

XE2FU	9,813,063	127/35	861/57	926/57	1669/59	2249/57	4295/58
JA8YB	2,062,710	0/0	137/23	227/31	679/53	1270/57	885/51
ZY4BA	885,432	0/0	0/0	10/7	629/52	199/45	1030/54
JE3ZFS	319,620	0/0	7/1	29/9	366/53	269/48	90/29

Unlimited

6D2DX	10,313,550	140/40	576/55	899/57	2116/57	3298/57	3594/59
I3MAU	4,381,503	15/13	185/29	529/47	1766/58	2032/57	1112/55
YT2R	3,172,554	2/2	247/32	290/32	1545/57	1718/57	776/51
JA9YBA	2,658,003	0/0	102/17	228/43	1221/57	1213/58	1105/54
JE2YRD	2,211,900	0/0	73/12	86/21	873/56	1398/57	1220/56

Top DX Single-Band Scores—Phone

160	Score	20	Score
HK3DFT	18,495	T32AF	420,831
CT1TM	1,170	(KH6UR,op)	
		KH6FKG	339,996
		CT1BOP	334,080
		CE6EZ	328,149
		YT3T	223,326
		(YU3BQ,op)	
		15	Score
		NP4CC	606,879
		HC1HC	541,728
		AL7CQ	367,821
		G4CNY	352,431
		YZ1E	301,368
		(YU6AR,op)	
		10	Score
		P40T	887,301
		(KB2HZ,op)	
		ZV5A	809,796
		(PY5EG,op)	
		ZP5JCY	798,138
		HC2G	773,946
		(HC2CG,op)	
		T12DU	582,552

75-meter quarter-wave vertical worked with QRP! I'll see you next year! (KD2I). I worked 100 VK/ZLs from 0418Z-0612Z Saturday night. I didn't know you could run VKs and ZLs! (K4XS). My wife made me stop at 4:30 PM Sunday to take her out for dinner, just because it was our 33rd wedding anniversary! (W4TMN). I couldn't believe all those countries came back to me and my little vertical and 100 watts (KN5Y). Ten meters on Sunday was fantastic (KA5PVB). By chance, I turned on the rig, heard a lot of pileups, and that was it. I lost the weekend being hooked by the contest (WD6EWG).

Fifteen meters was the best that I have seen. It opened up, and the DX was great (K8OSF). Thanks for a great contest, and I hope to enter future contests QRP! (KD8JN). I was able to work 36 DX stations in a couple of hours with only 100 watts and vertical (WB9GKA). Special thanks to JY9SR for coming up (NX9T). Conditions were good on Sunday (VE3EVZ). The highlight of this contest was a call from SU1EK on 15 meters (VE5RA). There

was excellent propagation on 10 meters (CN8FC). Very good propagation on 10 meters. A good chance for QRPers (F1BEG). The overall propagation from Finland was frustrating, but the Sunday morning opening was one of the best ever (OH1NOA). Conditions this year were average, but we all had a lot of fun! (OK1RI). Ten-meters was greatly opened! (PA0KDM). It's always fun to work this contest

(SM5IWC). Thanks for an interesting contest (UA6LQ). I can't say about the other bands, but 10 meters was hot! I never got so many +20 reports ever (TI2DU). Conditions were good except on the 160-meter band (W7FP). It was a great contest with great propagation. Thanks to all the Novices and Techs who responded to my CQs on 10 (8P6SH). There were great high-band conditions, but lightning made 160 and 80 terrible (K6GSS/KH6).

Scores

The scores are listed by mode—CW and phone. For both WVE and DX scores, single operators are listed first, followed by multioperator transmitter, multioperator two-transmitter, then multioperator unlimited. WVE single transmitter scores are broken down by call area and ARRL Section. WVE multi-single scores are broken down by call area only. All WVE multiop two-transmitter and unlimited scores are grouped together in descending order by score. DX single-op and multiop scores are broken down by continent and country. Under each ARRL Section (and country for DX), single-op scores are listed in descending order by category. All-band scores are listed first, followed by 160, 80, 40, 20, 15, and 10-meter single-band scores. Each line score lists the following information: call, score, QSOs, multipliers, power output used (A = 5 W or less; B = 6-150 W; C = more than 150 W). Single-band entries are indicated by 160, 80, 40, 20, 15, and 10. For example, in Connecticut, the top all-band CW scorer is K1ZZ. The top low-power (150 W or less) entrant is WA1FCN. K8HVT/1 has the top 80-meter single-band score, NQ1K has the top 40-meter single-band score, K1KI has the top 20-meter single-band score, K1TO has the top 15-meter single-band score, and K1RM has the top 10-meter single-band score. W1HUE has the top QRP score.



WVE CW Single Operator

1

Connecticut

K1ZZ	2,797,167	2687-347-C
K1RU	2,598,186	2593-334-C
K1XA	2,319,684	2329-332-C
K1YR	2,017,800	2242-300-C
KG1D	1,138,176	1536-247-C
WA1FCN	688,491	1011-227-B
K1WJL	675,321	983-229-C
K1VDF	672,894	1466-153-C
K1YRP	371,583	779-159-B
K1BV	353,655	813-145-C
K1DD	304,707	601-169-C
WA2WIP	229,761	521-147-C
W1HUE	139,092	346-134-A
K3FN	129,762	267-162-C
KA1CZF	75,492	233-108-A
W1VH	37,128	182-68-C
NR1L	33,858	198-57-C
AB1U	23,316	134-58-B
NH1L	19,890	102-65-A
KH8CP/1	7,938	63-42-A
NT1E	7,680	64-40-A
K1CVF	7,221	83-29-B
NJ2L	1,134	21-18-C
K8HVT/1	41,415	251-55-C 80
NQ1K	2,160	36-20-C 40
K1KI	7,533	81-31-C 20
K1TO	504,495	1665-101-C 15
WA1NYU	10,404	102-34-B 15
K1RM	449,820	1530-98-C 10
W1CNU	20,088	186-36-C 10

Eastern Massachusetts

K5MA/1	1,876,554	2242-279-C
WF1J	1,376,229	1621-283-C
W1MK	1,001,646	1458-229-C
W1MX (AD1C,op)		
	813,483	1069-249-B
W1GHI	600,495	931-215-C
W1IHN	511,704	824-207-C

K1CGJ	287,175	547-175-A
W1PL	226,629	447-169-C
K1CLN	213,180	418-170-C
KR1B	198,072	393-168-C
K1TWF	192,090	337-190-B
K1FFX	178,890	445-134-B
N1RC	123,504	332-124-B
N1AU	117,885	271-145-C
K1ZZJ	91,188	298-102-C
AD1Z	71,022	266-89-C
N1EDM	69,840	240-97-B
KB1VL	25,908	127-68-B
NQ1F	18,816	112-56-B
W1JR	9,027	59-51-B
KA1LSZ	7,482	58-43-B
W1BK	288	12-8-B
W1FV	115,710	551-70-C 80
NR1R	15,618	137-38-C 40
AA1M	45,192	269-56-C 20
N1DC	22,650	151-50-B 20
W2SC	277,290	1027-90-C 15
W2DND	34,515	195-59-B 10
KQ1V	6,138	66-31-C 10

Maine

W1XN	33,600	140-80-C
W9KDR	31,746	143-74-B
W1APU	24,948	108-77-B
K1JB	130,950	582-75-C 15
N1AFC	40,020	230-58-A 15

New Hampshire

KM1H (KQ2M,op)		
	3,313,218	2914-379-C
W1PH	1,503,054	1659-302-B
K8L7/1	477,708	847-188-B
K1PTF	278,208	504-184-B
K1NH	57,600	200-96-B
W1VY	23,730	113-70-C 20

Rhode Island

K2MM	162,756	396-137-B
W1GL	130,707	308-141-A
W1RFQ	52,800	176-100-B
WB7NRE	5,508	54-34-C
K1V5J	1,056	32-11-B
WA1HYN	14,400	100-48-C 80
K6M1/1	58,176	303-64-C 10

Vermont

W3SOH	331,230	610-181-B
WA1GUV	112,893	311-121-B
KA1FJ	1,575	35-15-B 15
WA1ZLD	76,560	440-58-C 10

2

Western Massachusetts

K1BW	2,709,357	2633-343-C
K2IM	564,990	1018-185-C
WA1AUT	243,324	751-108-C
W1BR	187,980	482-130-C
W1BYH	139,500	250-186-C
W1JP	14,763	133-37-A
WA1ZAM	11,115	95-39-C 15
KA1XN	292,059	1119-87-C 10

Eastern New York

K5NA	2,391,606	2331-342-C
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N2BA	1,855,350	1995-310-C
W2JU	1,212,432	1508-268-C
W2XL	1,030,194	1331-258-C
N2AZS	841,995	1155-243-B
KN2Q	644,784	1064-202-C
N1CC	300,855	647-155-C
NW2J	196,407	471-139-C
N2AIF	160,398	402-133-C
WA2AXK	142,308	354-134-C
K2UR	81,627	299-91-C
WB2EAR	77,280	322-80-B
W2AWF	62,727	203-103-C
KD2NE	31,758	158-67-C
W2QYA	25,596	158-54-A
NA2M	3,240	36-30-C
WD2K	2,079	33-21-B
K1ZM	9,240	88-35-C 160
KB2AUQ	26,586	211-42-B 15
KF2O	165,756	727-76-C 10

NYC-Long Island

KA2AEV	658,750	1250-229-B
KD2TT	328,536	648-169-C
KK2E	247,086	518-159-A
WB2ENW	215,718	458-157-A
WB2TPS	188,853	391-161-C
W2GKZ	109,728	288-127-C
W2HLI	69,000	250-92-B
W2KTF	13,680	95-48-B
W2KPA	2,112	32-22-C
WB2AMU	14,112	112-42-B 40
N2D7W	189,540	780-81-C 15
N2KW	196,056	778-84-C 10
K2MFY	137,760	574-80-B 10
NT2X	39,900	350-38-C 10
K2KTT	6,240	65-32-B 10

Northern New Jersey

N2LT	2,956,224	2848-346-C
N2NT	2,120,730	2230-317-C
KZ2S	1,464,120	1660-294-B
W2RQ	1,188,684	1484-267-C
W1GD	1,065,960	1316-270-C
KR2Q	570,825	885-215-A
W2NJ	492,414	767-214-B
K2PH	462,501	767-201-B
WA2UDT	165,453	421-131-C
K2HPV	164,808	436-126-A
KQ2O	160,800	400-134-C
KT2D	128,898	341-126-C
KD2YG	90,792	194-156-B
WB2FGZ	90,513	339-89-B
WA8QOA	53,760	160-112-B
W2HCA	44,118	171-86-B
W9NTU	30,600	150-68-B
W2A0Y	13,524	92-49-C
N2COH	6,138	62-33-B
N2IN	2,304	32-24-C
W2FCR	972	18-18-C 160
N2AA	600,696	1944-103-C 20
WA2ASQ	74,169	369-67-C 20
WC2R	5,694	73-26-B 20
K2FE	51,504	296-58-C 10

Southern New Jersey

N2MM	1,927,200	2200-292-C
N2RM	1,586,781	1981-267-C
WA2VYA	729,729	1001-243-C

K2PS	564,318	879-214-B
K2FL	412,686	681-202-C
N2MR	324,216	632-171-C
W2PAU	197,784	402-164-C
W2EA	142,245	327-145-C
K2SB	119,925	325-123-B
K2SWZ	78,588	236-111-B
WA2VXJ	38,505	151-85-B
WA2VSO	33,216	173-64-B
N2GZL	32,943	139-79-A
W3ELJ	24,723	123-67-B
K2LOO	21,960	122-60-B
K2OSV	12,282	89-46-C
AG2S	10,857	77-47-C
K3JGJ	15,180	115-44-C 80
W5KI	22,500	150-49-B 20
W2GTN	16,500	125-44-B 15
KD2I	208,026	889-78-C 10

Western New York

W2TZ	1,438,686	1866-257-B
NM2L	761,910	1165-218-B
WF2W	308,160	642-160-B
KW2J	305,448	572-178-C
KD2YP	235,944	452-174-C
K2LJG	230,364	474-162-A
K2IJ	229,245	527-145-C
N2WK	220,752	438-168-C
W2FR	155,844	351-148-C
WJ2O	140,685	415-113-C
WJ2X	128,856	364-118-B
W2FUI	99,216	318-104-C
W2PHT	84,552	271-104-B
KA2Y	80,898	278-97-B
WA2EYA	87,855	203-95-B
WB2ABD	54,684	217-84-B
K2XU	47,499	223-71-C
K2XU	36,354	166-73-B
NA2Q	32,640	136-80-B
KK2B	15,000	100-50-B
W2OMV	8,052	61-44-B
WA2AOG	7,104	64-37-C 80
KA2VYW	20,304	144-47-C 40
K2VV	557,235	1769-105-C 15
W2HPF	305,487	1119-91-C 15
WB2YQH	79,380	378-70-C 10
W2SAW	47,196	276-57-C 10
W2HG	39,528	244-54-C 10

3

Delaware

KC3RY	104,838	346-101-C
KD3JQ	55,926	239-78-C
AD3V	50,196	188-89-C
K3HBP	35,280	240-49-B 10
K3OO	2,373,081	2449-323-C
N3AD	2,135,556	2598-274-C
W3UM	1,622,205	1833-295-C
AA3B	994,896	1316-252-C
K3VV	989,172	1278-258-C
K3NV	829,806	1102-251-C
K3TEJ	748,896	1076-232-B
N3ED	553,536	992-186-C
K3WJV	538,242	823-218-C
NO3B	398,712	898-148-B
K3ZA	354,960	680-174-C
W3KV	347,508	591-196-C
W3ARK	325,413	627-173-B

W3FW	308,424	724-142-C
W3EVM	247,599	451-183-C
KC3M	195,624	429-152-B
K3OX	151,200	336-150-B
W3EHZ	147,030	377-130-B
W3QIR	98,154	266-123-B
W3AP	48,216	164-98-C
K3ZLK	39,039	169-77-C
NQ3S	29,547	147-67-C
NM3W	21,054	121-58-B
W3CEI	13,407	109-41-B
K3YD	2,496	32-26-A
WB3KTX	960	20-16-B
KA3SIO	305,025	1225-83-C 10
WA3LY	154,956	698-74-C 10
K3WGR	58,962	317-62-C 10
KJ3R	54,126	291-62-C 10
AA4MD/3	34,128	237-48-B 10
KB3TS	24,840	138-60-A 10

Maryland-DC

K3ZO	2,878,050	2741-350-C
K3NA	1,857,600	2064-300-C
W3USS (K1ZZI,op)		
	1,619,550	1830-295-C
W3GRF	1,148,436	1387-276-C
W3UJ	739,848	1063-232-C
W3IUU	684,216	1032-221-C
W3GN	638,028	958-222-C
W3HVQ	582,075	995-195-C
WB3AVN	406,620	753-180-C
W3FG	401,232	643-208-B
K3WS	291,456	506-192-A
N2US/3	275,076	566-162-A
N3AM	129,600	360-120-C
K3NCO	69,264	222-104-A
K3DI	57,270	185-104-B
W3HVM	53,400	200-89-C
W3CPB	53,400	200-89-B
W3XE	36,000	160-75-B
K3EI	25,338	103-82-C
WA3EOP	18,522	126-49-A
W3TFA	18,300	100-61-C
K3SA	9,135	87-35-A
WA3VYT	5,616	48-39-B
N3RR	262,710	973-90-C 20

Georgia	5	Arkansas	6	North Carolina	7	Alabama	8	California	9	Illinois
N4RJ (KM9P,op)	2,591,730-2610-331-C	KASKPE	72,288-251-96-C	K4PQL	2,005,242-2243-298-C	K4PB	401,280-704-190-C	K4KQ	2,006,760-2389-280-C	K9UIY
WX4G	2,078,364-2294-302-C	NSCR	54,810-203-90-C	K4PB	401,280-704-190-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K9MMS
K4B4I	1,926,030-2071-310-C	NSCR	39,618-186-71-B	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	N9TI
K4ZCZ	400,392-864-201-C	W5EJL	37,680-157-80-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	WB9LNO
WB4XDI	339,234-574-197-C	K5JUR	1,914-29-22-C-160	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K9SU9
K4G4ID	240,240-455-176-A	KM5G	207,207-1001-69-C-20	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	N8AEJ
WB9MHS	236,250-450-175-A	K6ASB	16,800-140-40-B-10	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9AG
KF4CI	166,608-356-156-C	Louisiana		K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K9PNG
N8LM	159,600-400-133-B	NTSG	617,322-751-274-B	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9E9Y
W1UA	63,360-220-96-C	K5KLA	137,550-350-131-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K9UQN
KD3GC	54,282-218-83-B	W5JWU	28,044-114-82-B	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9REC
AA4GA	49,800-200-83-B	W5WUW	332,856-1206-92-C-10	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K9MDO
AB4LX	9,072-63-48-A	Mississippi		K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	WD9WV
NQ4H	4,284-42-34-C	WQ5H	119,865-305-131-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K9GQ
WB4NMA	912-19-16-C-160	W5SCON	11,970-70-57-B	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K9AAC
N4UJ	243-9-9-C	W5CYU	27-3-3-B-40	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9SNE
W4JFL	31,044-199-52-B-20	W5JZL	157,398-709-74-B-10	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K9SAY
N4VZ	268,068-1004-89-C-10	New Mexico		K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	WD9IC
K4X4R	211,992-803-88-C-10	AA5JF	169,413-379-149-B	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K9GN
Kentucky		KI3L	1,890-35-18-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K9GZ
N4XM	517,215-841-205-C	W5TVX	58,309-452-43-B-20	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K9G9
N9FR	304,110-654-155-C	KF7E	108,336-488-74-C-15	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9BCH
WB4FOT	61,425-225-91-C	W5VZ	91,290-358-85-C-10	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K9QVH
N4BOC	38,010-181-70-B	N7RP	74,160-412-60-C-10	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9QWB
K4FU	14,400-100-48-C-40	KT5X	10,500-100-35-B-10	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K9QVH
KZUPD	142,650-634-75-C-20	North Texas		K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9B9TY
N4OGW	98,700-470-70-B-10	NSAU (WNA4KN,op)	2,795,888-2709-344-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K9FSS
North Carolina		N5RZ	2,381,925-2275-348-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9E9B
K4PQL	2,005,242-2243-298-C	NSAW	1,080,108-1233-292-B	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9IL
K4PB	401,280-704-190-C	KASW	576,318-1082-233-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	NM9C
K2SD	239,316-539-148-C	W5JL	573,024-1016-188-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	N9JF
N4QVM	27,072-141-64-B	N5RM	297,918-613-162-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9YWG
KY2P/4	11,520-64-80-B	KY5N	214,428-428-167-B	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	Indiana
K4FOY	7,956-78-34-B	W5MHW	206,362-451-154-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9RE
K5LZT	6,105-55-37-B	K5MR	149,175-325-153-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	N9NS
AA4NC	3,645-45-27-C-80	NJ1V	149,077-237-107-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K9HCX
WA4GGG	9,450-90-35-B-15	W5TB	63,855-215-99-A	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	AG9S
Northern Florida		KD5PJ	28,461-179-53-B	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9PC
K4CSD	123,066-318-129-B	KA4CVL	22,328-122-61-B	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	WD9Q
W4BG	6,816-71-32-C-80	W5WXZ	912-19-16-C-160	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K2CF
W9GILM	36,285-205-59-B-20	W5FO	391,134-1387-94-C-20	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	NT9T
K4XS (WC4E,op)	440,700-1469-100-C-15	N1SM	83,439-381-73-B-15	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	NX9T
South Carolina		NZ5M	132-11-4-B-10	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9E9B
W3VT	1,639,905-1853-295-C	Oklahoma		K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9IL
W8OKX/4	566,916-794-238-C	W5RRY	139,950-311-150-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	NM9C
K4YLL	521,000-1040-167-C	WV6S	12,276-93-44-C-40	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	N9JF
N4BPP	313,200-580-180-B	N6CL	37,125-225-55-B-10	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9YWG
W8GNL/4	84,750-250-113-B	South Texas		K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	Wisconsin
K4HOQ	30,879-141-73-B	AD5Q	1,478,556-1839-268-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K9CAN
WF2G	855-19-15-B	K5DB	320,352-568-188-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9GXR
W4NL	277,844-996-93-C-15	K5TSQ	231,447-431-179-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	N9ER
N4LM	17,415-129-45-B-15	N5HB	204,768-474-144-B	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	N19C
Southern Florida		W5ODD	127,280-303-140-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9HE
K4GKD	957,816-1272-251-C	K5ADQ	58,794-239-82-B	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K9BS
W24AHZ	728,358-1042-233-B	NX8G	56,772-228-83-B	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9HT
K4MF	677,586-1022-221-B	WG4Q/5	26,100-116-75-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9NA
K1TN	325,752-554-196-B	W5HRF	23,226-98-79-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	NG9L
NZ8P/4	119,880-270-148-B	WV5K	17,442-114-51-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	N9EJ
W4YN	106,560-320-111-C	N5KAE	4,929-53-31-B	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9B9H
K04J	57,000-190-100-C	AA5HI	360-12-10-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K9QSH
NK4KJ	15,555-85-81-B	W5WQ	67,470-346-65-C-40	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9YCV
W25DB/4	10,296-66-52-C	K5SCP	16,779-119-47-C-10	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	AJ9K
K43AYE	66,882-314-71-B-20	West Texas		K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9WQ
WB4TDH	259,590-1018-85-C-10	W5VGH	260,919-547-159-A	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9AP
W4OO	61,008-328-62-C-10	2,277-33-23-C-80	126,063-609-69-C-15	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9AQ
Tennessee		W5SUXD	126,063-609-69-C-15	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	W9TZE
W4XJ	1,327,404-1742-254-C	6		K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	8
AK8M/4	117,729-129-127-B	East Bay		K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	Michigan
NL4B	41,310-135-102-A	N6EK	448,020-786-190-B	K4KQ	2,006,760-2389-280-C	K4KQ	2,006,760-2389-280-C	K4KQ		

Table with columns for call sign, frequency, power, mode, and grid square. It lists various amateur radio stations across multiple countries including the UK, Austria, Belgium, Denmark, Finland, France, Germany, Greece, Hungary, Italy, Ireland, Norway, Sweden, Switzerland, and the USA.

N7ET/DU7 4,275- 75- 19-B 10
N7JQ/DU3 3,816- 53- 24-B 10

French Polynesia

F05IW 65,043- 297- 73-C

Mariana Island

KH8/KU2C 595,188- 1188-167-B

Guam

KD7P/NH2 1,336,608- 2018-221-C
NY6M/KH2 93,798- 579- 54-C 20
KG6DX 187,587- 1097- 57-C 15

Hawaiian Islands

KP2Z/KH6 3,081,720- 3368-305-C
N5CT/KH6 2,455,446- 3077-286-C
WL7E/KH6 287,280- 760-126-B
AH6JF 140,970- 370-127-C
AH80 38,840- 161- 80-A
VE7QO/AH6 247,800- 1475- 56-C 10
AH8IM 17,589- 143- 41-B 10

Australia

VK8XX 1,145,016- 2052-188-B
VK2APK 693,750- 1250-185-B
VK6HG 80,333- 221- 91-B
VK2BQQ 49,410- 305- 54-B 40
VK4TT 33,927- 263- 43-B 20
VK4XA 112,365- 681- 55-B 10

Indonesia

YC3HCM 355,515- 865-137-C
YB3AQ 228,008- 518-146-C
YB2FA 55,209- 239- 77-B
YB6EMJ 19,920- 186- 40-B 15
YI10I 14,280- 136- 35-B 15
YB2CTW 33,600- 280- 40-C 10

South Cook Islands

ZK1XP (SM4DH,op) 228,746- 663-114-C

New Zealand

ZL3GQ 1,240,932- 1738-238-B

South America

French Guiana

FY4FC 3,477- 61- 19-B

Ecuador

HC2G (HC2SL,op) 306,800- 1825- 56-C 10

Argentina

LUIEWL 141,450- 410-115-B
LUSDVO 93,288- 598- 52-B 10

Peru

OAAZV 123,648- 736- 56-B 15

Aruba

P40GD (W2GD,op) 5,193,216- 5152-336-C

Brazil

PY2RLQ 89,523- 343- 87-C

Fernando de Noronha

ZY8FX (W9VA,op) 194,040- 1155- 56-C 20

Venezuela

YV1OB 39,555- 293- 45-C 160
4M7A (YV7QP,op) 93,333- 587- 53-B 40
YV5IWT 137,376- 848- 54-B 10

Trinidad and Tobago

9Y4VU 308,826- 1806- 57-C 15

Multioperator

Single Transmitter

Africa

EABRCT (OH2BH,OH2MM,ops) 1,523,397- 2237-227-C

Asia

JZ2YRD (JF2EOC,J2KVV,JK2CZL,JR2SCJ,JR7OMD,ops) 31,559,925- 2311-225-C

JATYAA (JH7GFO,JH0ORW, J3CJNL,ops) 1,452,954- 2143-226-C

JATYAB (JH8MGJ,JA1-36363,ops) 1,121,169- 1841-203-C

JA3YDS (JF4LRI,JG3QBJ,JH9LYC, JI2KKY,JI3GAB,JI3sJBM,TWT, JM3KGV,ops) 961,155- 1643-195-C

JATYRR (JA7s MQM,OZW,JH7VHZ,ops) 61,776- 396- 52-C

TA2AO (+ TA2s BU,DA) 94,470- 335- 94-B

UZBQWA (UA6sQDL,QN,ops) 1,597,554- 2454-217-B

UZ8CWA (UA8s CAD,CDI, CDX,RW6CA,UW8s CA,CN,CY,ops) 1,581,788- 2441-216-B

UZ9CWA (UA9sCGA,UV9CAF,ops) 454,020- 940-161-C

UA9SJY (+ UA9s SDR,SJZ) 264,828- 761-116-C

UZ9OWD (UA9-145s-233,338,339,ops) 149,577- 683- 73-C

UZ8SXF (UA8s SLT,SNR,-214-494,ops) 149,112- 436-114-B

UZ8KWT (UA8s KCL,KZ,UP2BMC,ops) 140,094- 543- 86-B

UZ8QXU (UA8s QEZ,-698-148,-698-296,-698-298,ops) 93,840- 391- 80-B

UZ9XWV (UA9-999s-1053,-1058,-1865,ops) 56,445- 265- 71-B

UZ9XXM (UA9s XF,-698-743,-698-972,ops) 28,860- 148- 65-C

UI9BWF (+ ops) 70,467- 283- 83-C

UL8LWO (UL7s LEB,LF,-626-788,ops) 157,614- 482-109-C

UL8CWW (UL7s CC,CT,-628-278,ops) 50,796- 249- 68-C

Europe

DF9RR (DJ0GK,DL7s AEN,KAC,ALM,APU, ON,SI,UX,ops) 1,608,964- 2292-234-C

DK7FP (+ DK7ZT) 819,456- 1408-194-C

EI7M (EI3DP,EI4s BZ,DQ,EI5FT,EI6BT,EI8s EI,GS,ops) 2,032,044- 2846-238-B

F5IN (+ ops) 2,727,972- 3393-268-C

GM3ZAS (+ GM3WIV) 71,145- 279- 85-B

HG1S (HA1s AG,AH,DAC,DAE,TJ,ops) 2,873,034- 3893-246-C

HG0D (HA0s DR,DU,HG,NAR,ops) 1,186,539- 1954-199-C

HA1KRR (HA1s DRM,DRR,XO,XU,ZN, ZI,ZP,ops) 1,048,320- 1792-195-C

HA8KCK (HA8s FT,FW,KH,ops) 519,537- 1037-167-C

HA8KZS (+ ops) 96,800- 322-100-C

HA5KDF 20,979- 189- 37-C

LZ2KIM (LZ2MP,+ op) 39,396- 196- 67-C

OE1XTU (+ OE4s BKU,TSS) 1,048,746- 1697-206-C

OK1KQJ (OK1s AYP,ABZ,DC,DLE,DXS,ICM, VKX,ops) 1,270,752- 1891-224-C

OK2KOD (OK2s BDI,BGR,ops) 526,785- 1015-173-B

OK1OFM (OK1DRQ,OK1-19973,ops) 248,850- 553-150-B

OK2KYC (+ ops) 209,214- 591-118-B

OK2KDS (OK2s BXD,-31646,ops) 15,048- 88- 57-A

OK3KZA (OK3s AUI,CLM,YCT,ops) 14,916- 113- 44-B

OK1OPT (+ ops) 3,528- 49- 24-B

SK5DB (SM5s LRM,PAX,PEY,ops) 143,208- 442-108-C

SP2ZFJ (+ ops) 296,079- 613-161-B

UZ6LWZ (UA6s LV,-150-1104,-150-1336,ops) 756,756- 1386-182-C

UZ4HWS (+ ops) 587,724- 1139-172-C

UZ6AZR (UA6s BPU,-101-36, UW6AU,ops) 486,546- 977-166-B

UZ1TWB (+ ops) 356,706- 894-133-C

UZ3AWR (UA3s AEV,-170-1056,-170-1140,ops) 185,760- 516-120-B

UZ3AYR (+ ops) 151,200- 400-126-C

UZ3XWB (UA3s XAC,-127-200,-127-216,ops) 123,966- 426- 97-C

UZ3AWC (+ ops) 109,536- 652- 56-C

UZ3MWQ (UA3s MHI,MHY,MHZ,ops) 56,940- 260- 73-B

UZ4YWY (+ ops) 41,580- 210- 66-B

UZ6AXE (+ ops) 32,868- 249- 44-C

UZ4AXQ (+ ops) 30,810- 130- 79-C

UZ3XWM (UA3s XBY,XCT,ops) 1,485- 33- 15-B

UB3JWW (UB3JM,UB4s JCF,JJR,JFV,ops) 561,330- 1134-165-C

UB4QWW (RB5QW,UB5s QDU,-664866,ops) 465,612- 964-161-C

UB3IWA (RB5II,UB5s IFZ,ICK,ops) 328,923- 681-161-C

UB4LWY (UB4LEZ,UB5s LJC,-677-1898,ops) 292,950- 630-155-C

UB4FWH (+ ops) 107,835- 455- 79-C

UB4VWN (3 ops) 66,240- 460- 48-C

UB4IWI (UB5s-673-3625,-673-4293,-673-4328) 31,650- 211- 50-B

UB4IZH (+ op) 3,312- 46- 24-A

UC1AWK (UC2s AUZ,LCO,ops) 168,237- 603- 93-B

UC1WWM (+ ops) 33,306- 182- 61-B

UC1AWP (+ ops) 1,827- 29- 21-B

UO4OXW (RO4OR,RO5OO,ops) 11,760- 96- 40-C

UP1BYC (+ ops) 191,160- 1080- 59-C

UP1BYL (+ ops) 8,034- 103- 26-C

UR1RWX (UR2s RDJ,RHF,RJ,RRR,ops) 1,729,365- 2453-235-C

Y32CN (Y32s TN,WN,YN,ops) 455,940- 894-170-C

Y54CO (Y54s ML,NL,ops) 181,173- 461-131-B

Y43CF (Y21XF,Y43s OF,RF,ops) 170,952- 419-136-B

Y46CA (Y23IA,Y46KA,ops) 121,701- 359-113-B

Y42CB (Y42s WB,ZB,ops) 37,446- 158- 79-C

Y37CB (Y37s RB,WB,ZB,ops) 25,920- 192- 45-B

YT3T (YT3EW,YU3BQ,ops) 1,644,300- 2436-225-C

4N2D (NP2CG,YT2s DU,VM,YU2s FK,WQ,ops) 1,292,346- 2013-214-C

4N4B (+ ops) 677,180- 1320-171-C

YU2CCJ (+ ops) 663,462- 1271-174-C

4N2Y (+ ops) 650,700- 1205-180-B

YU7AJR (+ ops) 251,282- 594-141-B

4N4Y (+ ops) 153,384- 913- 56-C

North America

J88A (K4s LTA,PJ,WSPWG,WESP,ops) 2,843,505- 3213-295-C

KP2A (K4s TEA,TKM,ops) 4,765,710- 4742-335-C

XE2EBE (AA6DP,NPE,NF6H,op) 2,802,600- 3114-300-C

Oceania

KX6OI (NP2C,AB5K,WB5SQR,WB6SBH,ops) 2,194,995- 2761-265-C

South America

PJ2J (W1s BIH,WEF,ops) 4,361,746- 4373-334-C

Two Transmitter

Asia

JA1YXP (JH1UTP,JO1JOZ,op) 1,161,864- 1793-216-C

Europe

4N4C (+ ops) 2,060,289- 2973-231-C

SM5GMG (+ SM6LRR,SM6NSJ) 1,537,632- 2248-228-C

North America

6Y5L (WD8s AUB,LLD,ops) 2,572,317- 2887-297-C

South America

HK3MAE (+HK3KME,HK7IMB) 155,868- 419-124-C

Unlimited

Asia

JA8YBY (JE8BRO,JH8s GFB,PNE,WBR, JO1DFG,JR8DHA,ops) 2,484,720- 3451-240-C

JA1YFG (JE7WBJ,JH0NZN,JJ3OLZ, JO1s IDL,RUR,JP1s JFG,OGL,JI1BRW, MY,OG,OH,ops) 2,129,166- 3033-234-C

3,761,804- 4543-276-C

North America

WF8CVP9 (+ K8WW) 1,826,025- 2425-251-B

W/VE Phone

1

Connecticut

K1RU 2,606,901- 2167-401-C

K1CC 1,947,456- 1784-368-C

W1WEEF 608,256- 792-256-C

K1DD 532,389- 803-221-C

KC8PE 514,488- 776-221-C

K1BV 194,880- 460-116-C

N1FQQ 141,384- 344-137-C

K8HVT/1 137,670- 353-130-A

K1RM 120,888- 276-146-B

N4XR 51,198- 161-106-C

AB1U 41,652- 178- 78-B

W1DO 30,000- 100-100-C

KA1UJ 29,376- 136- 72-A

WA1SHM 23,994- 129- 62-B

N1EFE 21,114- 102- 69-C

NF1J 15,300- 100- 51-B

KH6CP/1 5,394- 58- 31-A

KA1CZF 4,368- 44- 33-A

N1II 3,915- 45- 29-B

KA1JN 2,775- 37- 25-C

W8PAN 1,653- 29- 19-B 80

N8FA 169,545- 635- 89-C

W1QK 104,625- 465- 75-C 15

NO1Y 50,463- 267- 63-B 15

WA1NYU 14,592- 128- 38-B 15

KA1ZD 344,100- 1147-100-C

K1EFI 221,616- 684-106-C

WB1BXS 108,621- 447- 81-C

KA1RDX 104,076- 413- 84-C

W1HUE 7,752- 76- 34-B

WB1EPO (N/T) 612- 17- 12-B 10

Eastern Massachusetts

N8BV/1 2,783,550- 2410-385-C

K1VR 1,518,426- 1442-351-C

W1GH 1,271,727- 1273-333-C

K1CLN 807,576- 1012-266-C

N1AJJ 364,678- 602-213-C

W1KRS 324,768- 544-199-C

KA1DWX 271,440- 464-195-C

N1FIO 171,678- 403-142-B

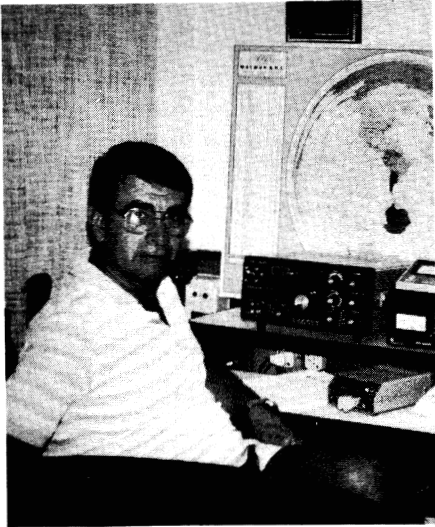
N1DEA 110,532- 302-122-C

W1FJ 83,394- 146-113-C

W1MK 34,170- 170- 67-C

K1LXJ 32,832- 144- 76-B

KB1RB 27,126- 137- 66-B



Oscar, LU5DVO, operated 10-meter single-band CW to score first-place Argentina.



Rick, KJ8G, gave St Lucia out as a multiplier as KJ8G/J6L on CW and J6LSN on phone.



Hiromi, JA7FWR, poses at his Asia plaque winning station.

Wisconsin

W5OP	255,840	520-164-C
K9DGH	253,980	498-170-C
WE9R	206,349	407-169-C
NG9L	181,929	407-149-B
W9GXR	172,956	406-142-C
WE9V	130,788	346-126-C
W9XT	117,450	290-135-B
N19C	102,870	270-127-B
WB9CV	57,888	201-96-C
WB9CYX	32,364	174-62-C
W9YCV	7,350	50-49-B
WA9TZE	3,741	43-29-B
K9YNF	56,160	234-80-C
K9CAN	112,491	431-87-C
WB9IH/9 (N8BSH,op)	252,054	737-114-C
K09L	132,588	508-87-C
WA9CDY	112,050	450-83-C
W9GIL	63,525	275-77-C

Colorado

K8CS	684,057	1091-209-C
W9GOQ	182,118	478-127-C
K8GAS	92,313	263-117-C
W9GOR	88,623	229-129-C
K9BQL	65,793	241-91-B
WB9WJ	38,880	160-81-C
NV8R	29,400	140-70-C
KV8Q	74,880	416-60-C
K8ZX	279,282	1046-89-C
K9MWM/8	94,185	483-65-C
NO8NI	49,980	245-68-C
KA8FPJ	30,912	184-56-B

Iowa

W8EJ	366,030	581-210-C
K20C	239,220	443-180-C
W8PFF	81,396	228-119-C
W8MJN	42,705	195-73-C
K8GT	31,847	137-77-A
NV8V	17,400	100-58-B
WA8DCB	16,677	109-51-B

Kansas

WE8A	339,066	621-182-C
K80G	295,680	440-224-C
WB8YJT	124,362	329-126-B
K8VXU	55,125	175-105-C
K8IEW	20,862	114-61-C
W8WPL	13,311	87-51-B
N8FMR	9,120	76-40-B
N8HYG	5,376	56-32-B
W8OE	1,710	30-19-B
K8BFX	624	16-13-B
K8BU	101,100	337-100-C
WD8FTZ/8 (N/T)	4,410	49-30-B

Minnesota

N8AT	816,627	1051-259-C
AC8W	240,975	459-175-B
W8UC	86,346	246-117-B
K8BCVW	77,832	276-94-C
KE8UI	60,609	227-89-A
W8NGB	51,606	183-94-B
KS8T	45,402	161-94-B
NZ8R	29,346	134-73-C
W8ML	25,764	113-76-C
W8RXL	22,116	97-76-C

W8LP

K18F	6,552	56-39-C
KA8ZPP	18,207	119-51-C
WB8GGM	42,066	342-41-B
	32,538	187-58-B

Missouri

W08G	2,481,042	2126-389-C
W8PKO	105,735	265-133-C
WJ8H	62,478	234-89-B
KM8L	49,020	172-95-C
NS8B	8,307	71-39-C
N8CEE	1,218	29-14-B
N8JMT	756	18-14-B
KA8P	243	9-9-B
WB8GFV	15,120	105-48-B
WA8OUI	3,975	53-25-B

North Dakota

NM8N	87,579	263-111-C
KA8ZFX/M	17,304	103-56-B

Nebraska

K8GCM	419,430	682-205-C
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South Dakota

KE8DV	184,704	416-148-B
KD8EE	151,688	318-159-C
WB8ACT	102,600	300-114-C
K8CVF	33,660	170-66-B
WB8UUU	25,515	135-63-C
WR8Q	16,380	105-52-B

VE

Maritime- Newfoundland

VO1MP	2,212,995	2021-365-C
VO1AW	42,768	176-81-C
VE1DX	5,040	56-30-A
VE1GJ	85,293	351-81-C

Quebec

VE2AYU	457,632	681-224-C
VE2GM	5,841	59-33-C
VE2FU	18,720	120-52-B
VE2FUR	882	21-14-B
VE2EW	22,185	145-51-C
VE2WAT	40,809	223-61-C

Ontario

VE3BX	147,798	306-161-C
VE2AE/J3	11,040	80-46-A
VE3TJL	10,575	75-47-B
VE30MU	2,088	29-24-C
VE3NYT	4,437	51-29-B
VE3ICR	250,266	787-106-C
VE3GRA	21,666	157-46-B
VE3ACB	5,226	67-26-C
VE3ST	36,600	200-81-C
VE3NXQ	28,560	170-56-C
VE3EYV	9,006	79-38-C
VE3VET	8,364	82-34-B

Manitoba

VE4JK	150,288	496-101-C
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British Columbia

VE5RA/7	457,662	919-166-C
VE7XO	131,544	406-108-B
VE7FTT	792	22-12-C
VE7EIK	244,098	1146-71-C
VE7EKS	270	15-6-A

Multioperator Single Transmitter

1	K1YR (+KB1WH,N1DYI)	2,681,775	2055-435-C
	K1TO (+KA1CI,NJ2L)	1,858,200	1630-380-C
	K1IU (+NS1I)	1,614,222	1503-358-C
	K1KA (+W1HNZ)	1,049,388	1114-314-C
	AK1A (+NET)	829,056	1016-272-C
	KA1XN (+NET)	694,035	795-291-C
	KA1TWF (+AD1C,N1CKN,NB1Y)	519,030	790-219-C
	K1ZZJ (+ops)	459,360	696-220-C
	N1TZ (+NET)	374,415	545-229-C
	NO1I (+NET)	350,460	708-165-C
	W1BK (+NET)	213,108	413-172-C
	A13E (+NET)	210,120	412-170-C
	KC1EO (+NET)	181,365	565-107-C
	KB1W (+NET)	126,096	296-142-C
	K1WQ (+NET)	125,532	317-132-C
	W1AQ (KA1SFJ,KM1X,NH1S,NO1U,W1WAC,WA1VEK,WA1VPC,WA2KFE,ops)	116,180	320-121-B
	W1YK (+N1FGX)	28,689	131-73-B
	K1IN (+NET)	22,311	111-67-C
	K8LT/1 (+NET)	15,228	94-54-B
	NK1F (+NET)	3,741	43-29-C
2	K2NJ (+KQ2O,KU2C,NR2H)	1,886,904	1752-359-C
	N2SS (+NET)	955,956	1189-268-C
	WB2K (+NET)	908,607	883-343-C
	N2VW (+WB2R)	565,911	681-277-C
	WM2S (+WM2V)	385,605	627-205-C
	WA2IKL (+NET)	322,080	610-176-C
	W2UI (+N3KR)	313,431	547-191-C
	K2TD (+NET)	136,746	321-142-C
3	AA1K (+W3XU)	2,972,025	2331-425-C
	W3BGN (+N2NT)	2,869,590	2333-410-C
	K3NZ (+KA3MND,KU3X)	1,341,324	1406-318-C
	NN3Q (+ops)	963,540	1100-318-C
	K3ZA (+NET)	804,465	885-303-C
	N3ARK (+K3IE,KB3MM)	751,917	953-263-C
	K3ANS (+K2BP,K3YD)	660,348	884-249-C
	WA3LFY (+KA3NJA,KD3LC,N3s CHL,FTI, GLZ,WB3EPW,W8CR)	624,912	752-277-C
	K3ND (+NET)	297,660	451-220-B
	N3RW (+KD3HX,N3HW)	288,036	508-189-C
	K3YGU (+NET)	251,550	430-195-C
	NA3K (+K3IE)	200,772	396-189-C
	W3MA (+NET)	132,192	272-162-C
	WA3JUZ (+NET)	113,544	249-152-B
	NK3U (+NET)	52,323	163-107-C
	KQ3F (+NET)	46,305	147-105-C
	AA3B (+NET)	36,735	155-79-C

4

N4KG (+KC4ZV,KU4J,NE4L,WA4DPU)	2,124,000	1888-375-C
AB4MG (+KB4ZOW,KC4s EF1,HER,N4QWL,WF2G)	329,940	585-188-C
WA4JVN (+NET)	171,108	388-147-C

5

N3BB/5 (+N5s GM,TR,WD5N)	2,425,776	2084-388-C
K5RVK (N5EA,G4GEE,GW8ECO,ops)	1,222,263	1561-261-C
N7KA (+A19X)	499,284	804-207-C
KG5ND (+NET)	346,365	537-215-C
W5EHM (+AA5BT,KA5WSS,CE3LAR)	117,015	269-145-C
N8IDR (+W8VX)	110,700	300-123-B

6

W6REC (+N6TIB,W6FAH)	944,379	1179-267-C
W6QHS (+KA6HSM)	927,072	1332-232-C
K2ITG/6 (+NET)	648,272	1056-204-C
KE6WL (+KD6NT)	561,600	936-200-C
WA6AHF (+W6BSY)	556,470	810-229-C
N6JV (+NET)	341,682	682-167-C
AA4M (+NET)	238,221	459-173-C
N6CCL (+NET)	177,606	414-143-C
KG6MY (+NET)	150,060	305-164-C
N6CDA (+NET)	141,240	535-88-C
W6UJX (+NET)	95,319	267-119-C
AF6S (+NET)	95,175	423-75-C
KB6HW (+NET)	87,840	244-120-C
WA6LLY/6 (+NET)	56,430	198-95-B
AJ6V (+NET)	55,296	192-96-C
W6AOT (+K6KLY)	40,992	122-112-C
KD6LV (+NET)	37,584	144-87-C
WB2CHO (+NET)	31,500	175-80-B
WC6I (+NET)	21,384	108-96-C
K8LRN (+NET)	9,717	79-41-C
KJ6V (+NET)	1,638	26-21-C
W6W8 (+NET)	1,638	39-14-B
NT6G (+NET)	1,200	20-20-C

7

WR7D (+N7JXN,N6JO)	969,075	1475-219-C
NO7F (+KF7DQ)	388,773	847-153-C

8

WB8K (W8s CZN,JGU,W8As BIN,MEM,RCN,ops)	1,970,202	1943-338-C
KD8B (+KB8DLH,N8CC)	1,527,552	1632-312-C
WB8VPA (+NET)	348,731	553-209-C

9

KD9ST (+KA9s SQR,SQS,SQT,KB9BAT)	832,608	944-294-C
WB9WGG (+W9FEN)	61,632	214-96-C

B

KR8B (+AF9T,K8H,KJ8B,N88IL,N88KL,WJ8M)	722,916	934-258-C
N8BNG (+KB8T,KA8s JZY,YFN,KB8L,C,WJ8L)	507,144	748-228-C
N8ZA (+NN8M)	393,390	705-186-C
W4NIM (+K8VW,N8BH)	227,424	412-184-C
KC8LX (+K8QNS)	153,786	361-142-B
WB8WZ (+W8WII)	1,479	29-17-B

VE

VE7SZ (+VE7ON)	934,185	1435-217-C
VE8AO (+VE8s AMR,ANL,AXB,CG,CIZ,CJZ,EFP,EY,JO,KC,LES,SWM,YES)	291,018	574-169-C
VE4XX (VE4s AJO,ALN,EF,FR,GG,GH,GR,HQ,RI,RV,SF,SI,TM,UT,WS,ops)	165,456	383-144-C
VE2UMS (+VE2s AYH,FUR,HMB)	7,830	58-45-B

Two Transmitter

KC1F (+K1s AR,DG,EA,KM3T)	6,390,900	4050-526-C
N5AU (+KS1G,KMSX,KY5N,WBSVZL)	5,354,538	3703-482-C
K1RX (K2SS,KA1s HG,Y,ION,N1EPU,ops)	4,864,500	3450-470-C
N6RO (+K3EST,K6TMB,N6s IG,KT)	4,896,314	3607-434-C
N2MG (+KD2RD,NQ2I,NQ2D)	4,343,808	3232-448-C
N3RS (+N3s NA,RD,WB3RTX)	4,128,348	2891-476-C
N2FB (+K3YDX,KC3X,N3C8J,WA3LP,WB6VGI)	3,674,880	2816-435-C
K8CC (+ops)	3,628,280	2878-420-C
KO7N (+N8X,W7IL,WZ6Z,WJ7s R,S,WA7TDS)	2,860,119	2829-337-C
W7ZR (+AG1J,N7B8S,N7ZZ,W7JUS)	2,015,175	2425-277-C
NE9O (+KA9s AND,OIH,WOB,N9s AZD, HSG,JR,W9SU,WB9CEP)	1,918,872	1838-348-C
NJ3A (+N3s FOB,GOB,GPK,LR,NJ3C,N73F)	1,868,496	1876-332-C
N5RZ (+KSMR,KNSM,W5FO)	1,836,450	1590-385-C
KB1RI (+ops)	1,426,629	1549-307-C
N7RO (+KB7GSM,KC7GX,W7EKM,WA7ZW,WB7CLU)	1,321,660	1602-275-C
AK6T (+KAUVT,K6MI,K16E,N86L,WB6MZC)	1,251,360	1580-264-C

KQ1F (+K1XM,K9HI)	HL9FN	47,436-268-59-B	Jordan	E18AU	35,295-181-65-A	LZ1KDP	216,456-1244-58-C-20
1,141,056-1132-336-C	HL9CA	5,673-61-31-B	JY9SR	56,592-262-72-B	France	LZ1W (LZ1YE,op)	275,310-1610-57-C-15
WB3NX (+KN5H) 521,196-676-257-C	HL1LW	25,740-220-39-B	Asiatic RSFSR	F6A0J	1,457,799-2303-211-C	LZ1KXA (LZ1A-1220,op)	211,338-1194-59-C-15
KB6RFX (+W6TMD)	Japan		UA9QA	FV9NDX (F9RM,op)	675,675-1575-143-C	LZ1KAZ (LZ1NG,op)	162,021-1019-53-C-10
WB8PHI (+KBBFPC,W6SJU)	JH1AEP	1,373,130-2190-209-C	UA9MR	F1BEG	86,940-345-84-B	LZ2ES	45,144-342-44-C-10
196,182-378-173-C	JH7DNO	1,338,750-2125-210-C	UW0CM	F8EXQ	58,905-231-85-A	LZ1YG	9,744-112-29-B-10
KA1QNC (+N1s EFX,FWC)	JR30T	465,723-1101-141-C	UA0ABK	F8ENT	30,810-130-79-B	Austria	
13,248-92-48-B	JH4NMT	386,529-901-143-C	RA0SU	FE6FNA	15,840-120-44-B	OE3KRA	4,410-70-21-B
Unlimited	JE7D0T	126,360-390-108-B	UA0XAK	F6CTT	66,780-530-42-C-80	Finland	
W3PL (+K1s DOV,RZ,K3s RA,ZZ,K3AITJ,	JA2J5F	103,005-327-105-A	UA0SFS	FE6DRP	19,980-180-37-C-10	OH6YF	373,932-884-141-C
KC3EK,KC8C,KF3P,NG3B,NM3U,NW5E,	JL1MIW	97,230-463-70-B	UA0SME	F6EYJ	169,974-994-57-C-15	OH6NEV	25,404-148-58-C
N1I,KT,W8AMAZ,WB3JRU)	JE1AER	52,461-261-67-B	UA9MFN	F6EPO	47,232-384-41-B-10	OH6SU	12,540-95-44-B
WM5G (+AASDX,K5s RX,SXO,KC5DX,	JA3UWB	43,164-218-66-C	UA0SNT	F6CLM	6,048-84-24-B-15	OH1AF (OH1NOA,op)	194,706-1119-58-C-20
KM5R,KM9P,KR0Y,N51WA,WG5J,WQ5W)	JA1Z	38,709-187-69-C	UA0SR	F6EMT	381,864-2273-56-C-10	OH1ZAA	90,972-532-57-C-20
7,343,838-4387-956-C	JA1A0S	37,908-162-78-B	Georgia	F5IN	90,864-631-48-C-10	OH5OL	897-23-13-C-20
NB1H (+K1s FWE,MNS,ST,N18L,N1s ACH,	JE4VVM	33,507-153-73-A	UF6QAQ	F6FNL	47,232-384-41-B-10	OH6AC (OH6CS,op)	123,291-721-57-C-15
ELN,W1/AJ2EZD,W1HIN,WA1TFH)	JA1BU1	28,728-171-56-B	UF6FAL	F1JDG	18,144-168-36-B-10	Czechoslovakia	
KX4S (+AA4s,GL,K3RZR,KB4DI,K4GM,	JA1VO	21,504-128-56-B	Armenia	F6GZC	2,655-59-15-B-10	OK1RI	2,422,380-3436-235-C
N4s DCY,EHJ,W4s DR,MYA,WA4HOT,	JA7JAO	19,716-124-53-B	UG6JJ	England	1,024,884-1743-196-C	OK1DKS	25,992-152-47-A
WB4BYV,W4DBD,WK4Y,WU4G)	JA7JHT	16,020-89-60-B	Kazakhstan	G3SXJ	632,142-1211-174-C	OK1DXW	12,420-90-46-B
K5NA (+K5MA,K42s TIP,VQY,KB2GHW,	JA1JMF	15,255-113-45-A	ULBLWZ	G4BUO	135,792-492-92-C	OK1KRU (OK1ANN,op)	5,376-64-28-B
KU2Q,N2s EK,GOS,NA2N,NG2X,W2s	JA6BVK	13,653-123-37-C	UL7DA	G4CNY	352,431-2061-57-C-15	OK3CTX	5,358-47-38-B
JU,XL,WB2Q,WM2s P,Q,WA3AFS)	JH1TEB	9,945-85-39-B	RL7RL	G4MET	97,431-691-47-C-10	OK3CXS	3,024-42-24-B
5,677,890-3571-530-C	JA2MFF	9,324-84-37-B	UL8LWF	G0W3FTG	33,696-288-39-C-10	OK2BHM	5,616-72-26-C-20
KY1H (+KA1RE,KM1P,KR1R,NJ1F,NS1M,	JG1DUJ	9,324-84-37-A	Kirghizia	Ile of Man		OK2PCL	4,248-59-24-B-20
NT2X,WA1ZAM)	JA5EO	7,740-86-30-B	UM8DX	GD3ZND (E12BB,op)	46,368-224-69-B	OK3CMW/P	3,234-49-22-B-20
K2TR (+K2XA,N1CC,N2DU,	JF6JQM	7,200-80-30-B	Israel	Northern Ireland		OK2SPJ	2,499-49-17-B-20
WA2SPL,WB2KMW)	JH1PXY	6,975-75-31-B	4X6UU	G1K0W	83,352-604-46-B-10	OK2KOD	2,394-42-19-C-20
4,460,910-3085-482-C	JA2QVP	5,400-50-36-C	4Z4TA	Scotland		OK2PEM	76,806-502-51-C-15
N2RM (+K2s JF,OWE,KB2BF,N2NU,	JH8IOM	4,950-66-25-B	4X6RA	GM3BCL	259,869-841-103-C	OK8AGG	41,445-307-45-B-15
W2GSN,WA2VO,WM2H)	JE4VRF	4,224-44-32-B	Europe	GM4HQF	89,628-308-97-B	OK3YCA	17,433-149-39-B-15
4,062,600-3050-544-C	JG1RDV	2,970-45-22-B	Portugal	Wales		OK2BTC	2,652-52-17-B-15
W3GM (+ABZE,K2RD,K3s ND,U1E1,KA3PLS,	JG6QNY	2,679-47-19-B	CT1QF	GW4BLE	283,176-1748-54-C-10	OK3CBU	25,560-213-40-C-10
N2EA,NK3U,W3FV)	JE6GGE	2,565-45-19-B	CT1TM	GW0ARK	269,664-1696-53-C-10	OK2BGQ	8,613-99-29-B-10
N3AD (+NET) 2,292,147-1859-411-C	JA6JJO	2,340-39-20-B	CT1BO	Hungary		OK1KZ	5,700-76-25-B-10
K3WW (+NET)	JG6WY	2,115-47-15-B	CR6AHU	HABXX	652,050-1242-175-B	OK3CTX	3,402-63-18-C-10
NE3F (+K3NW,K43SHT,N3WGR,NS3F,	JG7JBZ	1,938-38-17-B	CT4HA	HA4XX	112,464-426-88-B	Belgium	
W3UM)	JA7RDM	10,971-159-23-C-80	CT4HT	HA1DRR	48,024-276-58-B	ON4YN	281,916-784-123-C
N2MM (+K2ZSY,KY2T)	JM1OIA	4,071-59-23-A-80	CT1DTH	HA6KNX	1,716-44-13-B-20	ON8WN	180-10-6-A-40
NF2L (+KY2T,NS3G)	JA2BAY	76,464-531-48-B-40	CR5CQK (CT1CQK,op)	HA8KZO	924-22-14-B-15	ON4XG	23,520-196-40-B-10
N6DX (+AC6T,AD6C,K6s HMA,	JH7WKQ	16,236-164-33-C-40	Azores	HA0NNN	150,732-948-53-B-10	Denmark	
SVL,K16QR,K16HC,N6s HLS,J,C,NW,	JA7RXU	7,056-112-21-C-40	CU2BR/CUB	HA0MK	58,266-498-39-C-10	OZ5EV	80,898-278-97-C
TPN,VR,ZZ, WA6HEU,WK6V,W7TF)	JH7OXJ	88,086-554-53-C-20	CU2AF	Switzerland		OZ3PE	9,225-75-41-A
N3EC (+K3KNH,K43s NED,RF,W3FW,	JA8QZJ	73,080-435-56-C-20	CU2AK	H89ASJ	36,966-202-61-B	OZ1FTE	38,016-288-44-C-40
W3YO3B)	JE1GZB	3,105-45-23-B-20	Federal Republic of Germany	H89BOU	43,920-366-40-C-40	OZ1INN	18,252-169-36-C-20
K3IPK (+NET)	JA8JZ	2,160-40-18-B-20	DK1F	H89FG	46,500-310-50-C-15	OZ7HT	6,300-21-10-C-20
WB2P (+NET)	JA8JX	1,386-33-14-B-20	DL2GAR	H89DX	2,976-32-31-C-10	OZ1HUR	14,256-132-36-B-15
K3ZJ (+K4YT)	JA4PA	248,646-1429-58-C-15	DL8PC	Italy		OZ1CLG	18,315-119-27-C-10
W3YL (+K3PA) 748,800-832-300-C	JA1YXP	200,925-1175-57-C-15	DL0KB (SP3SFM,op)	IOGGSF	1,886,967-2953-213-C	OZ1AXG	13,056-128-34-C-10
K8MR (+NET) 747,600-890-280-C	JH7AFR	200,241-1171-57-C-15	DK4IO	IO0KHP	75,945-305-83-A	OZ7AX	1,170-30-13-B-10
K3RL (+NET) 99,000-264-125-C	JR3NCC	198,408-1181-56-C-15	DJ3GE	IN3XU	55,598-226-82-C	OZ8T	600-20-10-B-10
DX Phone	JA7BJS	185,640-1105-56-C-15	DL55AY	K3LM/8	51,027-233-73-C	Netherlands	
Africa	JK1OLT	171,855-1005-57-C-15	DK6AX	IK8LWA	26,250-175-50-B	PA8EHF	48,351-227-71-C
Botswana	JK3GAD	83,430-515-54-B-15	DL3YDY	IK4HLV	23,186-234-33-B	PA8KDM	22,648-158-52-B
A22RA 938,448-2128-147-B	JA2YAU (JE7MAY,op)	20,538-163-42-B-15	DL7XR	IK4CP	19,009-132-48-B	PA8IA	24,185-145-51-A
A22AA 39,600-240-55-A	JA8RJE	15,336-142-36-A-15	DL8AAE	IK0FEC	16,848-117-48-B	PA3BRD	22,178-132-56-B
Morocco	JH0XUP	13,808-126-36-B-15	DF0SSB (DF9ZP,op)	IN3PEE	10,802-93-38-C	PA8DJ	13,110-95-46-B
CN8FC 968,861-2163-149-B	J71AFZ	9,912-118-28-B-15	DK4I0	IK4CBM	3,105-69-15-B	PA3EMN	12,222-97-42-B
CN8EK 291,720-715-136-B	JR3WXA	9,408-112-28-C-15	DJ3HJ	IK5BAF	77,238-613-42-C-80	PA3DWA	10,440-87-40-A
Madeira Islands	JL1KUH	5,544-66-28-A-15	DL3ME	IK4FNF	14,790-170-29-C-40	PA8YV	4,134-53-28-B
CT3DL 28,767-223-43-C-80	JL2RQH	4,410-70-21-A-15	DJ8BX	IB8A (IK8DOJ,op)	1,386-33-14-B-20	PA8QX	28,080-234-40-C-15
CT3BD 80,606-518-39-B-20	JA8QY	1,008-24-14-B-15	DA11Q (KA2QFK/N,op)	IK4AUY	255,818-1498-57-C-15	PA3BZV	11,811-127-31-B-10
CT3BM 105,696-734-48-B-15	JA8PY	1,008-24-14-B-15	Spain	IK4FYF	226,575-1325-57-C-15	Sweden	
Cuba and Melilla	JK6FYB	864-32-9-B-15	EA7BHO	ISFCK	195,552-1164-56-C-15	SM3ED	4,557-49-31-B
EA9NN 25,074-199-42-B-10	JF4ETK	576-16-12-B-15	EA4QQT	IK2DUU	242,838-1499-54-C-10	SM0BDS	3,456-48-24-B
Gabon	JR2JG	380-15-8-B-15	EA7GTF	IO4ABF	215,490-1306-55-C-10	SM3CER	2,455-35-23-C
TR6SA 764,748-1748-148-B	JH1TL	360-20-6-B-15	EA5CPH	IB8YJ	204,951-1289-53-C-10	SM3PHM	7,719-83-31-C-20
Chagos	JA3COA	108-9-4-B-15	EA4CXF	IK2DZM	146,280-1200-53-C-10	SM7KIL	62,244-399-52-C-15
VQ9CQ 67,584-256-88-B	JR3KAH	72-8-4-B-15	EA5AEN	IK4EWB	141,000-940-50-C-10	SM6BSK	13,299-143-31-B-10
Republic of South Africa	JA8JHA	280,728-1671-56-B-10	EA5JC	IV3BMV	97,344-624-52-C-10	SM8DR	12,000-125-32-C-10
Z6H0 211,968-768-92-C	JH1AGU	156,123-913-57-B-10	EA5FV	IK8FULX	34,650-275-42-C-10	SM5IWC	11,439-123-31-B-10
Mauritius	JA8RWJ	118,092-757-52-B-10	EA3EV	Sardinia		SM0MC	1,968-41-16-C-10
3B8FP 98,028-389-84-B	JA8NFY	100,926-623-54-B-10	EA5FYJ	IS8WON	37,982-342-37-C-40	SM5CAK	60-5-4-C-10
Senegal	JA7VRO	100,329-631-54-B-10	EA3EJW	IS8AEQ	49,128-356-48-C-20	Poland	
6W7OG 894,642-1868-179-B	JA8BIF	88,722-558-53-B-10	EA5WA	IS9QDU	28,978-281-32-C-15	SP6DVP	29,055-149-65-C
Zambia	JH1HED	84,525-575-49-B-10	EA3ELM	IS9CPU	64,722-489-48-C-10	SP9AK	27,338-134-68-C
9J2AL 51,183-383-47-B-10	JA4AYU	77,904-541-48-B-10	EA1COQ	Norway		SP5LCT	10,320-80-83-B
Zaire	JA1KFX	76,146-518-49-B-10	EA4EHQ	LA1T (LA8OV,op)	69,069-253-91-B	SP8ZC	6,195-59-35-B
9Q5NW (N4NW,op)	JA2AXB	68,690-505-46-B-10	EA1CIJ	LA9HW	135-9-5-C-40	SP3DWQ	28,188-281-36-C-40
2,968,208-4414-224-C	JA1PUK	59,700-398-50-B-10	EA3FHT	LA3KY	10,710-105-34-C-15	SP1EOI	4,888-71-22-B-20
Ale	JG2TSL	54,924-398-46-B-10	EA7FUR	LA1GDA	3,402-54-21-C-15	SP9AVZ	128-7-6-B-20
China	JR7CDL	28,684-202-44-B-10	EA7LV	LA5JX	16,128-168-32-B-10	SP3GEM	223,740-1356-55-C-10
BY1QH (NS7Z,op)	JG1GUF	25,389-217-39-B-10	EA3DZ	LA3JT	5,772-74-28-B-10	SP9EMQ	10,092-116-29-B-15
52,515-389-45-C-20	JH1IUT	23,985-195-41-B-10	Balearic Islands	LA5KK	5,550-74-25-B-10	SP2FAP	9,765-105-31-B-15
Korea	JH1JVG	23,736-184-43-A-10	EA8ZS	Luxembourg		SP6FBD	1,722-41-14-B-15
HL9TF 261,738-668-131-C	JA1HWO	22,218-161-46-A-10	EA8WY	LX2QR	15,444-143-38-B-10	SP3KEY	159,600-1084-50-C-10
	JA2DLM	18,252-156-39-B-10	Ireland	Bulgaria		SP8LTF	39,420-292-45-C-10
	JG2YLH	13,932-129-36-B-10	E18GT (W2ORA,op)	LZ2WM	127,575-405-105-B	SP5ALV	14,228-153-31-B-10
	JH1GTP	3,814-49-23-B-10	260,205-1045-83-B	LZ1HP	47,499-223-71-C	Greece	
	JA10P	3,096-43-24-B-10		LZ2QV	23,220-129-80-C	SV1UG	2,280-38-20-B
	JEBEHE	2,880-40-24-B-10		LZ1KWZ	16,200-100-54-B	European Russian RSFB	
	JA1VMZ	1,386-42-11-B-10		LZ1V (LZ1ZO,op)	14,852-111-44-B	UZ4FWD	103,484-479-72-C
	JO1MCC	12-2-2-A-10			1,050-25-14-C-40	UA3DRB	56,772-249-76-C
	Ogasawara					RV3ZA	27,735-215-43-C
	JG2CLS/D1	6-2-1-B-40				UA3TEG	14,280-136-35-C-20
	JQ1XAQ/JD1	5,481-87-21-B-15				RA3VV	8,285-95-29-C-20
	JM1MYG/JD1	2,679-47-19-B-10				UA8XT	8,091-87-31-C-20
						UA4RL	2,244-34-22-C-20

