

# 1999 ARRL International DX Contest Phone Results

**I**t is still winter according to the calendar, with just a hint of spring to lull us into a false sense of security. But the first weekend of March is always "hot and heavy" on the airwaves for the annual ARRL International DX Phone Contest. From diehard contesters to casual operators looking to finish off their DXCC awards, thousands of amateurs take to the airwaves for this stellar "DX-a-thon." A total of 1981 logs were received for the DX Phone contest, bringing the total logs both weekends to 4240—a record number of entries for the ARRL DX Contest. Several thousand more call signs are found in logs from hams from around the world who participate but did not submit entries.

Band conditions seemed, in general, good. For example, 10 meters was active toward Central and South America and the Caribbean. W5WW, operating in HR6, racked up over 2200 QSOs on that popular band on low power while W6NL, operating HC8L made almost 3600 on 10 meters. Both the Single Op Low and High power W/VE stations topped 500 QSOs on 10. Hurrah for sunspots!

K1AR produced a recording-setting performance in the W/VE Single Op High Power Category. John's 4,961,502 score breaks the old mark set at the station of KM1H by KQ2M in 1992 by just 29,106 points. That's only a couple of multipliers or QSOs over the course of a contest.

Another man on a mission was N5TJ in the W/VE Single Op Low Power category. His score of 2,232,608 is not a misprint! He almost doubled the next nearest score in this category. Jeff worked DXCC on three bands

while shattering the old category mark set by K7RI in 1991 by over half a million points. Jeff's score would have also made the Top Ten high power box.

There were many outstanding QRP efforts turned in as well, but no overall record breaker. Congratulations to W0AH who led the charge of the QRP contingent with a score of 316,968. Another terrific effort was also turned in by K1ZM who led the W/VE Single Op Assisted category with a score of 3,476,538. No single-band records were challenged, but congratulations to AA1BU, K1FZ, N5DO, K4ZW, W0UN (W0UA, op) and NA5B for being the leaders of their respective single-band categories.

The W/VE Multi-Op categories all produced exciting efforts, but again no scoring records were set in any of the three categories. W4MR's team lead the way among the Multi-Single stations, edging out the ops at K8AZ 2,917,653 to 2,809,758. The Multi-Two competition was paced by N2TX's 5,791,968 points followed by N2NT's who bested them in multipliers but fell short on the QSO totals. In the battle of the big gun multi-multi sta-

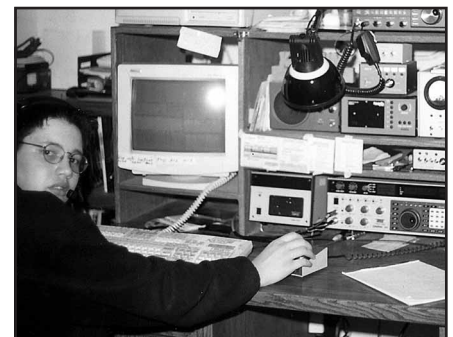
tions, W3LPL scored an impressive victory with a four-band DXCC. They only missed a five-band DXCC by 10 mults on 80 meters.

On the DX side, Central America and the Caribbean were places to be if you wanted to score. KK9A, operating VP5J, took home top honors in the Single Op Low Power category. In the process, John set a new category scoring mark, becoming the first "6 million point man" with a score of 6,011,520. Also becoming a "6 million point man" was WP3R with DL2CC as the op in the Single Op Assisted category. Only 26,994 points behind was P43P at P40B in second place.

With Dave, W6NL, at the controls, the Single Op High Power entry of HC8L cruised home with a comfortable win, outdistancing YT1AD at HU4A by about a million points. The DX QRP entries were paced



EA3AR hasn't let a car accident eight years ago stop him from enjoying his contesting hobby.



Thirteen year old Dustin KD7BSW running Europe on 15 meters from his Dad's (K7ZUM) station.

## Top Five—Single Band

W/VE	DX
<b>160</b>	<b>160</b>
AA1BU 7,320	CO8JY 9,486
K5RX 3,915	EA1DVY 4,500
W2VO 2,325	S54E 1,443
N0JK 912	
K3SWZ 504	<b>80</b>
	OT9T 117,750
<b>80</b>	(ON4UN, op)
K1FZ 105,588	S50K 73,206
K1LZ 49,887	(at S50A)
K4ESE 24,603	TM6P 70,305
K7ZZZ 21,672	(F5MZN, op)
(K7ZM, op)	EA3FQV 56,496
W4MS 21,054	CT3HF 41,715
	<b>40</b>
<b>40</b>	IQ4A 158,895
N5DO 67,851	(I4VEQ, op)
NC4NC 43,026	S53M 139,776
N4MXT 39,744	(S55OO, op)
W4JKC 22,401	EA4KD 105,576
K4LQ 18,975	YV4FZM 105,138
	LU4D 101,124
<b>20</b>	(LU4DXU, op)
K4ZW 380,484	<b>20</b>
VA3MG 337,755	ZX5J 461,700
WA2QNW 228,816	(PP5JR, op)
N0NR 182,484	LT1F 330,990
N4DL 175,284	(LU1FKR, op)
	V44NK 318,420
<b>15</b>	5N0/OK1AUT 298,758
W0UN 641,058	DJ7AA 279,990
(W0UA, op)	HU1A 535,458
W7WA 593,712	(YU7DR, op)
KV0Q 554,400	TG9/IK2NCJ 465,510
W5WMMU 539,625	9J2A 359,100
K6HNZ 496,296	(JA0JHA, op)
	9Y4VU 356,874
<b>10</b>	TI7/N4MO 300,150
NA5B 302,610	<b>10</b>
KA6BIM 287,595	LU6ETB 535,071
W6AFA 260,988	LU4FM 483,741
K5AM 252,153	CX8CP 471,174
N4BP 235,935	PQ5W 457,722
	P40KD 435,456
	(N6KD, op)

## Top 10

W/VE Phone	DX Phone
<b>Single Operator</b>	<b>Single Operator</b>
<b>QRP</b>	<b>QRP</b>
W0AH 316,968	LU1VK 190,548
KY5N 265,716	F5BEG 129,564
N7VY 260,982	HA2SX 115,881
VE3KZ 249,900	JR4DAH 64,938
N1TM 248,031	JA2DLM 50,838
N6WS 232,716	JM1NKT 45,990
N1CWV 211,770	JA5GPJ 45,474
W6CN 198,762	F6BEE 35,046
N6AZR 164,592	JA2JSF 33,660
W8QZA/6 141,255	OK1DKS 30,600
	<b>Single Operator</b>
<b>Assisted</b>	<b>Assisted</b>
K1ZM 3,476,538	WP3R 6,009,636
K3WW 3,020,778	(DL2CC, op)
K2WK 2,781,540	P40B 5,982,642
KS1L 2,746,545	(P43P, op)
K1IG 2,470,698	EA9IE 2,324,070
K2XA 2,466,471	PS2E 1,873,056
W2RE 2,366,313	(PY2EX, op)
K5KG 2,325,465	ZP40Z 1,338,204
W1GD 2,043,885	CP6EB 809,178
K1VR 1,929,840	OH1EH 569,106
	GW0ARK 295,509
	JA1YNE 242,901
	JH4NMT 213,120



IK1GPG Max and Betty IK1QFM letting off some steam in their well appointed shack—complete with crocheted call-sign curtains from her 84-year-old grandmother. They operated as IR1A.

by LU1VK's 190,548 points. Congratulations also to the Single Band DX Winners: CO8JY, OT9T (ON4UN, op), IQ4A (I4VEQ, op), ZX5J (PP5JR, op), HU1A (YU7DR, op), and LU6ETB.

Really tight competition was evident in all of the Multi-Op DX categories. After slugging it out, none broke a scoring record but four stations broke the 7-million-point barrier in the Multi-Single Category. V31DX finally emerged on top, with VP5B, PJ9G and 8P9Z in hot pursuit.

In the Multi-Two category, 6D2X and HK0F each posted over 11,000 QSOs for the contest period. When the smoke from the amplifiers cleared, the winners were 6D2X with 12,739,584 points to the HK0F total of 11,231,892. Finally, the Multi-Multi DX winner was J37VG.

The log checkers were busy with this contest. Electronic logs were checked thoroughly, which resulted in stations losing QSOs and multipliers for busted contacts. You can request a copy of the checked version of your station log by sending an e-mail message to [UBNreport@arrl.org](mailto:UBNreport@arrl.org) and including as the subject of your message your call sign and the words "DX Phone UBN Request." The UBN report is a computer analysis of your entry. It shows calls that are unique (only found in your log), busted calls, and QSOs where you do not appear in the other station's log. Please bear in mind that these reports have to be prepared manually, so it may take several weeks after you submit your request before the Contest Branch staff can "cut and paste" your report and e-mail it back to you.

The Affiliated Club Competition was, as usual, hotly contested. The River City Contesters led the way in the Local Category with nine members submitting scores that totaled 16,798,080 points. In the Medium Category, the Society of Midwest Contesters held off all challengers and scored 53,876,034 from 46 entries. In the Unlimited Category, the Yankee Clipper Contest Club had a huge turnout of operators and racked up 282,469,428 points to the Frankford Radio Club's 225,763,743.

The eyes of the DX contest world will now turn to the weekend of February 19-20,

## WVE Phone Single Op Low Power

	Score	Total	160	80	40	20	15	10
N5TJ	2,232,608	1812/428	19/14	57/41	177/59	372/103	668/109	519/102
W4/AH6JN	1,142,736	1064/358	15/15	72/43	89/52	344/90	240/77	304/81
WA7BNM	1,029,210	1183/290	0/0	43/25	93/38	202/69	533/87	312/71
WD5K	1,024,650	1035/330	0/0	40/26	53/28	285/100	332/87	325/85
W2TZ	938,736	954/328	12/12	58/34	108/54	263/83	253/80	260/65
NA2U	932,034	953/326	5/5	58/33	94/48	250/78	306/81	240/81
WS1A	759,228	838/302	4/4	48/31	76/43	255/81	291/83	164/60
AC0W	724,800	800/302	15/11	40/25	63/42	221/84	277/84	184/56
KC8FS	716,703	799/299	0/0	51/37	83/46	254/83	246/77	165/56
W1CTN	622,488	701/296	17/12	63/39	83/48	173/67	216/70	149/60

## Single Op High Power

	Score	Total	160	80	40	20	15	10
K1AR	4,961,502	3262/507	29/23	200/68	350/85	1166/125	1017/112	500/94
KC1XX (K1DG, op)	4,076,190	2790/487	29/26	215/67	229/74	882/115	1083/117	352/88
VE3EJ	3,536,739	2503/471	25/21	98/57	167/66	671/117	1232/123	310/87
W9RE	2,921,184	2254/432	28/21	102/55	215/66	647/115	1004/103	258/72
VO1MP	2,635,470	2270/387	0/0	196/68	220/63	854/98	763/90	237/68
W3BGN	2,498,214	1978/421	25/22	181/70	111/54	759/104	558/91	344/80
W4AN (N1RR, op)	2,450,709	1959/417	20/16	130/58	226/66	553/96	667/104	363/77
K3ZO	2,297,100	1900/403	20/15	143/56	227/73	669/103	609/93	232/63
W7AT	2,155,056	2224/323	10/7	127/29	396/52	426/88	843/94	422/53
W7NN	2,040,420	2194/310	6/3	51/21	161/43	457/92	1048/97	471/54

## Multi-Op Single Transmitter

	Score	Total	160	80	40	20	15	10
W4MR	2,917,653	1949/499	40/29	115/61	177/72	628/129	616/111	373/97
K8AZ	2,809,758	1862/503	32/24	112/66	159/73	750/140	606/113	203/87
K0DU	2,659,500	2250/394	16/13	54/33	547/55	356/101	874/109	403/83
N4RV	2,486,484	1794/462	37/29	142/65	126/43	354/99	802/111	333/95
K1TO	2,455,794	1727/474	32/27	104/56	196/71	513/118	402/96	480/106

## Multi-Op Two Transmitters

	Score	Total	160	80	40	20	15	10
N2TX	5,791,968	3549/544	11/11	282/79	257/82	1294/141	1213/124	492/107
N2NT	5,244,360	3014/580	42/38	246/80	233/89	978/142	985/121	530/110
K9AA (at W9JA)	4,928,406	3031/542	25/23	107/60	365/87	1038/140	1009/122	487/110
K6RC	4,594,779	3473/441	12/9	149/44	583/63	505/103	1444/103	780/96
N3AD	3,856,410	2430/529	37/33	153/73	187/77	714/130	945/118	394/98

## Multi-Op Unlimited

	Score	Total	160	80	40	20	15	10
W3LPL	11,564,760	5669/680	83/48	486/90	714/110	1851/161	1639/143	896/128
N2RM	10,011,300	5134/650	75/44	467/92	525/98	1356/149	1893/146	818/121
KB1SO	7,018,161	4097/571	34/34	247/75	496/93	1489/141	1188/121	643/107
K1K1	6,981,345	3885/599	56/40	268/83	355/89	1253/145	1485/130	468/112
N3RS	6,681,198	3914/569	26/26	242/79	327/81	1113/141	1576/128	630/114

## DX Phone

### Single Op Low Power

	Score	Total	160	80	40	20	15	10
VP5J (KK9A, op)	6,011,520	6262/320	131/36	367/52	455/57	2059/59	1374/60	1876/56
V26P (W5AJ, op)	5,015,184	5128/326	161/39	242/53	514/57	1167/59	1524/59	1520/59
VP5A (KQ3V, op)	4,965,873	5189/319	189/40	408/54	497/55	1590/59	991/58	1514/53
HR6/W5WW	4,958,523	5349/309	108/33	357/48	509/55	1163/58	986/59	2226/56
FG5BG	4,488,968	5142/291	49/17	250/47	426/53	1025/58	1508/58	1884/58
XE2DV	2,614,248	2964/294	135/38	151/43	233/47	477/58	832/55	1136/53
YW1A	1,916,055	2565/249	0/0	149/41	360/49	1050/56	406/52	600/51
VP2V/K1DW	1,779,510	2579/230	0/0	117/32	151/33	324/49	855/58	1132/58
4M5E (YV5NWG, op)	1,482,624	2496/198	0/0	5/1	55/23	872/57	722/59	842/55
CT1EAT	1,130,976	1848/204	0/0	86/28	271/35	296/38	596/53	599/50

### Single Op High Power

	Score	Total	160	80	40	20	15	10
HC8L (W6NL, op)	7,897,329	7953/331	187/44	466/55	670/58	1370/58	1671/58	3589/58
HU4A (YT1AD, op)	6,939,270	6590/351	162/53	626/58	762/59	1714/61	1062/60	2264/60
KH7R (KH6ND, op)	6,247,908	6806/306	54/18	498/56	910/59	1200/57	1713/58	2431/58
V31JP (K8JP, op)	6,115,824	6534/312	68/25	587/58	550/56	1433/57	1535/58	2461/58
V47KP	5,589,738	5698/327	275/43	414/53	549/57	1355/58	2030/58	1075/58
ZF2DR (K5RQ, op)	4,890,600	5700/286	60/25	193/42	293/50	1788/58	1743/57	1623/54
J3A (K1XX, op)	4,731,714	6594/277	30/16	107/30	653/57	1841/58	1376/58	1687/58
NH7A	4,513,500	5015/300	51/16	219/49	832/59	1091/59	861/58	1961/59
OA4SS	3,225,171	3967/271	0/0	199/43	444/54	939/58	988/59	1397/57
T30R (OK1RI, op)	2,636,976	3208/274	34/16	189/43	417/52	495/51	528/55	1545/57

### Multi-Op Single Transmitter

	Score	Total	160	80	40	20	15	10
V31DX	7,907,760	7845/336	281/47	369/54	957/59	1389/58	1967/59	2882/59
VP5B	7,579,650	7475/338	308/49	661/57	691/57	2399/59	1495/58	1921/58
PJ9G	7,535,775	7729/329	135/40	422/54	748/58	1959/58	1674/58	2791/57
8P9Z	7,383,738	7369/334	235/45	646/55	745/58	2004/58	1961/59	1778/59
ZF2NT	5,974,290	6090/327	249/47	408/54	400/56	1605/58	1748/59	1680/53

### Multi-Op Two Transmitters

	Score	Total	160	80	40	20	15	10
6D2X	12,739,584	12064/352	430/56	971/58	1795/58	2622/59	3365/61	2881/60
HK0F	11,231,892	11277/332	150/41	805/57	1586/59	1843/58	3077/58	3816/59
WP2Z	9,731,916	9771/332	259/43	741/56	1088/58	2423/59	2597/58	2663/58
XA5T	7,428,525	7619/325	207/47	730/56	1298/58	1359/58	2179/58	1846/48
VP2VW	5,975,760	7114/280	3/3	229/44	948/57	1740/59	2283/58	1911/59

### Multi-Op Unlimited

	Score	Total	160	80	40	20	15	10
J37VG	5,413,530	5821/310	47/21	641/58	688/57	1295/58	1180/58	1970/58
9A1A	3,355,983	3981/281	83/20	630/44	811/53	979/60	899/60	579/44
CO9BCC	2,636,820	3084/285	51/22	224/51	452/54	561/57	1051/57	745/44
RW7F	2,384,712	3011/264	29/14	277/34	484/55	1079/59	780/57	362/45
PJ8A	1,319,772	2018/218	0/0	140/29	147/29	354/50	697/56	680/54

## WVE Region Leaders

Boxes 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 NWT/Yukon Sections)		
N1TM	248,031	A	N1CWR	211,770	A	VE3KZ	249,900	A	W0AH	316,968	A	N7VY	260,982	A
N9GG	14,580	A	NE4E	106,398	A	N8XA	94,764	A	KY5N	265,716	A	N6WS	232,716	A
K1QM	5,439	A	N4EUK	1,380	A	N8MS	29,928	A	WA0JYC	96,186	A	W6CN	198,762	A
W2JEK	4,080	A							WB0HJL	69,690	A	N6AZR	164,592	A
									WA0VBW	64,272	A	W8QZA/6	141,255	A
W2TZ	938,736	B	W4/AH6JN	1,142,736	B	K4IE	371,712	B	N5TJ	2,232,608	B	WA7BNM	1,029,210	B
NA2U	932,034	B	KC8FS	716,703	B	K9QVB	281,394	B	WD5K	1,024,650	B	N6RV	404,376	B
WS1A	759,228	B	WA4IMC	503,538	B	KE8PX	274,668	B	AC0W	724,800	B	K4XU	334,614	B
W1CTN	622,488	B	NY4T	345,912	B	K8LY	264,810	B	N5AW	594,864	B	K17Y	306,720	B
N1DG	578,823	B	K4OGG	335,340	B	W9GG	260,988	B	W5CWQ	451,308	B	KU6J	291,657	B
K1AR	4,961,502	C	W4AN (N1RR, op)	2,450,709	C	VE3EJ	3,536,739	C	W0GG	988,236	C	W7AT	2,155,056	C
KC1XX (K1DG, op)	4,076,190	C	K4AB	1,969,230	C	W9RE	2,921,184	C	N5ZK (W5ASP, op)	753,480	C	W7NN	2,040,420	C
VO1MP	2,635,470	C	WC4E	1,719,630	C	VE3AT	987,705	C	VE5MX	707,850	C	K6GX	1,661,604	C
W3BGN	2,498,214	C	K4JNY	1,287,957	C	KT8X	829,587	C	W6PU	675,441	C	N7TT	1,414,512	C
K3ZO	2,297,100	C	NX9T	1,021,800	C	K9ZO	772,464	C	N5TY	653,022	C	W7GG	1,253,664	C

## 1999 International DX Contest Phone Plaque Winners

### WVE Phone

Category	Winner	Sponsor
All Band	K1AR	Frankford Radio Club
3.5 MHz	K1FZ	Norm Brooks K6FO
7 MHz	N5DO	John Minke N6JM
14 MHz	K4ZW	William Beyer Jr. N2WB
21 MHz	W0UN (W0UA, op)	Worldradio, Rick McCusker WF6O
Low Power	N5TJ	Dauberville DX Assn.
QRP	W0AH	Michigan QRP Club
Multi-Single	W4MR	Steve Adams K4RF
Multi-Two	N2TX	Worldradio Staff ARC, WR6WR
Multi-Multi	W3LPL	Western NY DX Assn

### DX Phone

Single Op	Winner	Sponsor
World All Band	HC8L (W6NL, op)	North Jersey DX Assn
Asia	JA1ELY	Tim Coad, NU6S
Europe	OK1RF	Jerry Griffin, M.D. K6MD
North America	HU4A	Chod Harris, VP2ML
Oceania	KH7R (KH6ND, op)	W7EW in honor of W7IYW
1.8 MHz	CO8JY	ZL2BT Memorial, by Fred Race W8FR
3.5 MHz	OT9T (ON4UN, op)	K12M Communications
14 MHz	ZX5J (PP5JR, op)	Central California DX Club
21 MHz	HU1A	Long Island DX Assn
Low Power	VP5J (KK9A, op)	Larry Reader KE2VB
QRP	LU1VK	Southern AZ DX Assn
Assisted	WP3R (DL2CC, op)	Willamette Valley DX Club

### Multi-Single

Category	Winner	Sponsor
World	V31DX	Carl Cook AI6V/P49V
Asia	JA7YAA	Yankee Clipper Contest Club
North America	V31DX	Nick Lash K9KLR
Oceania	WH6H	AH9B/V73B

### Multi-Two

Category	Winner	Sponsor
World	6D2X	Dave and Barbara Leeson W6NL & K6BL
North America	6D2X	Muskegon Valley RA
Oceania	DX3T	Armond Noble N6WR

### Multi-Multi

Category	Winner	Sponsor
World	VP2VW	Wayne Yoshida, KH6WZ
Europe	9A1A	Operators at K1TTT

### Special Plaques

Category	Winner	Sponsor
WVE Combined	N2NT	National Contest Journal
WVE Low Power Combined	VO1MP	Rochester DX Assn
WVE 40 Meters Combined	KM2P	In Memory of Jim Rafferety, N6RJ, by Pace Engineering
World Combined	KH7R (KH6ND, op)	Mike Manafo, K3UOC
Japan Combined	JA8RWU	JA7WME, JE3RJS, JH7AFR
Great Lakes Division Phone	KT8X	Livonia ARC
Japan All Band Phone	JA1ELY	Communication RC, JH7YJF
Japan Low Power Phone	JA8RWU	Western Washington DX Club
Seventh Call Area Phone	W7AT	Willamette Valley DX Club
World Multi-Combined	6D2X	W2PV Memorial—Schenectady AR

2000 and March 4-5, 2000 for the last ARRL International DX contest weekends of the 20th Century. As you prepare for the upcoming contests, please review the rule changes that affect log files. The ARRL will be

phasing in during the next year the *Cabrillo* file format (see the General Rules for All ARRL Contests in this issue). File formats that have previously been accepted will still be acceptable for the year 2000 contest, but

beginning with the 2000 November Sweepstakes the only acceptable file format will be *Cabrillo*. Finally, please remember that if you log using a computer you are now required to submit the electronic data file to the Contest Branch with your entry.

## Affiliated Club Competition

### Unlimited Category

Club	Score	Entries
Yankee Clipper Contest Club	282,469,428	265
Frankford Radio Club	225,763,743	162
Potomac Valley Radio Club	109,744,347	103

### Medium Category

Club	Score	Entries
Society of Midwest Contesters	53,876,034	46
North Coast Contesters	35,647,644	18
Northern California Contest Club	30,492,003	36
Tennessee Contest Group	22,947,987	28
North Texas Contest Club	18,531,573	21
Minnesota Wireless Assn	18,290,628	21
South East Contest Club	13,131,273	13
Central Texas DX and Contest Club	13,035,534	9
Order of Boiled Owls of New York	12,542,508	10
Florida Contest Group	11,954,823	26
Western Washington DX Club	9,619,224	28
Rochester (NY) DX Assn	9,379,086	25
Florida Contest Club	9,327,735	12
Southern California DX Club	8,404,110	14
Central Arizona DX Assn	6,525,192	22
Mad River Radio Club	6,416,724	14
Willamette Valley DX Club	6,257,280	11
Southwest Ohio DX Assn	5,818,284	5
Grand Mesa Contesters	4,927,305	7
Southern California Contest Club	4,659,822	12
Midwest DX Assn	4,486,812	4
Salt City DX Assn	4,154,466	12
Western New York DX Assn	3,902,436	14
Carolina DX Assn	2,973,066	7
Kansas City DX Club	2,700,963	7
California Central Coast DX Club	2,603,475	11
Northern Arizona DX Assn	1,977,723	9
Oklahoma DX Assn	1,942,887	6

Club	Score	Entries
Texas DX Society	1,699,983	8
Eastern Iowa DX Assn	1,624,377	6
Kentucky Contest Group	1,090,380	7
Mother Lode DX/Contest Club	974,637	9
Northern California DX Club	967,482	4
Mississippi Valley DX/Contest Club	561,099	3
Southeastern DX Club	448,650	3
Northrop Grumman Radio Club	402,753	4
Woodbridge Wireless	394,242	4
Central Michigan ARC	87,939	3
South Jersey Radio Assn	34,788	4

### Local Category

Club	Score	Entries
River City Contesters	16,798,080	9
Hudson Valley Contesters and DXers	12,414,048	9
Magnolia DX Assn	2,174,055	3
Great Falls Area ARC	1,985,439	7
Utah Contest Club	1,646,280	4
Harvard Wireless	1,572,813	3
Redwood Empire DX Assn	1,410,120	3
Loudoun ARG	1,269,699	3
Sterling Park ARC	1,124,904	10
American Red Cross Emergency	991,431	6
CT RI Contest Group	622,455	5
West Park Radiops	580,122	10
Northern New York Contest Club	550,587	5
Western Illinois ARC	325,935	3
Yegua Valley Contest Club	186,138	3
Worldradio Staff ARC	171,582	3
Garden State ARC	158,802	5
Hamsters Radio Club	133,986	5
Metro DX Club	43,302	4

## Soapbox

We took the advice of W6NL and set up an operating schedule of 6/6/4/4 hours for each day of the contest. This system was great because it gives each member of the multi-single team a chance to work every opening at some point during the contest (ZF2NT)... It was fun to do the contest from this remote spot, but I wish I had the same antennas I use at home (T30R, OK1RI, op)... On Sunday I only could work one hour because of a wedding and birthday party my wife said I would attend. Next year I will be strong and say "yes" to her again! (4M5E, YV5NWG, op)... Perhaps on 40 meters contesters should listen on their transmitting frequencies more often. They would be surprised what they might hear from KH6/KL7 (KH6/WB6FZH)... First time in the competition and I enjoyed it very much, especially the great band opening on 10 meters on the first day (IK4QJM)... Many thanks to all who came back to my "CQ contest" calls and the support from my Team Antigua (ZP5OZ)... It was great fun working all those old radio masts and giving new chaps ZL (ZL1CDX)... I had just installed new logging software and turned on the radio. Surprise! I didn't know there was a contest on. I had better read the Amateur Radio newspapers and magazines more closely! (DL8AAE)... The hardest part was to resist the temptation to turn the linear on and go for the High Power category (G3VAO).

**Scores**

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

<b>Phone</b>	N2TTT	153,564	268	191	48 B
<b>W/E</b>	W2CVW	98,328	241	136	48 B
<b>Single Operator</b>	K2SZ	50,058	162	103	48 B
<b>1</b>	N2XR	33,024	128	86	48 B
	KG2MV	17,100	100	57	6 B
	N2LT	1,080,288	1023	352	48 C
<b>Connecticut</b>	W2EN	886,332	932	317	48 C
N1TM	N7UN	619,488	717	288	48 C
W1CTN	W2HCA	292,766	356	214	13 C
W0MHK	W2UDT	218,886	382	191	48 C
K1RO	N21668	217,668	374	194	48 C
W1EQ	KC2Q	103,248	239	144	48 C
W1XF	K2SAU	20,400	100	68	48 B
N1QDA	W2AQNW	228,816	681	112	48 C
N1XF	K2EJL	12,852	100	43	48 B
KQ2M	N2LDU	24,603	139	59	48 C
W2AZUM	W2AASQ	11,466	91	42	48 B
K5FUW/1	W2ABKN/T	8,520	71	40	18 B
KA1DSQ	42,354	181	78	48 C	
WA1FCN	84,744	321	88	48 B	
K1DII	41,808	208	67	10 C	

<b>Eastern Massachusetts</b>	K1QM	5,439	49	37	48 A
N1DG	578,823	641	301	48 B	
N1PGA	563,160	722	260	48 B	
K1HT	430,776	579	248	20 B	
W1GOU	165,900	350	178	48 B	
W1WV	169,900	350	178	48 B	
N1DS	158,652	339	156	48 B	
K1WCC	84,750	226	125	48 B	
N1KRT	78,234	221	118	48 B	
N1EDM	74,370	185	134	48 B	
WT10	17,568	96	61	48 B	
K1PLX	8,853	63	47	48 B	
W1MMM	7,884	3	16	6 B	
N1PR	1,932	28	23	3 B	
W1RY	588,612	724	271	48 C	
W1KRS	570,492	689	276	48 C	
N1HOQ	364,764	538	226	48 C	
KA1UQ	247,050	450	183	48 C	
W1AX	217,485	405	178	48 C	
K1TWF	201,600	336	200	48 C	
W1OHM	159,903	327	163	48 C	
K1SM	125,367	319	131	48 C	
K1TEX	59,976	168	119	48 C	
AA1BU	7,320	61	40	160	
K1LZ	49,887	241	69	48 C	
W0GIZ	60,020	241	69	48 C	
W1ZZ	85,722	314	91	16 B	
N1TPY	1,404	26	18	10 B	

<b>Maine</b>	W1CEK	32,160	134	80	48 C
K1FZ	108,998	419	84	48 C	
NY1E	24,522	134	61	48 C	
KA1AIF	10,767	97	37	15 B	
<b>New Hampshire</b>	W1SA	759,228	838	302	48 B
NM1W	356,211	501	237	48 B	
WA1S	60,822	186	109	4 B	
KC1XX (K1DG, op)	4,076,190	2790	487	48 C	
WC1M	679,251	881	257	48 C	
K1BD	369,954	527	234	48 C	
W1UR	352,044	508	231	18 C	
K3G1F	334,543	508	231	18 C	
K1BV	229,398	442	173	14 C	
W1GEX	155,811	311	167	11 C	

<b>Rhode Island</b>	KS1J	535,035	673	265	48 B
K1VSJ	247,194	433	186	13 B	
W1WFB	314,925	475	221	48 C	
AB1BX	54,000	180	100	48 C	
WA1QXR	29,694	101	98	48 C	
WA1MKS	52,785	207	85	48 C	
AA1KM	9,372	71	44	48 C	
W1RFQ	6,348	46	46	48 C	
<b>Vermont</b>	AA1SU	130,248	324	134	48 B
N0ICI	121,365	279	145	32 B	
W1ZK	991,753	697	283	48 C	
W1NVT (W1SJ, op)	305,866	553	184	48 C	
W1ZS	14,620	107	12	48 C	
K3UOC	54,000	225	80	48 B	

<b>Western Massachusetts</b>	KX1X	182,688	352	173	48 B
AE1B	172,617	353	163	48 B	
K1TS	101,346	266	127	8 B	
N1SR	15,840	88	60	48 B	
KM3T	5,700	50	38	1 B	
K1AR	4,961,502	3262	507	48 C	
W1KT	965,142	879	366	48 C	
KM2P	3	1	1	48 C	
N1FUS	14,382	102	47	48 B	
<b>2</b>	K2S1G	422,055	565	249	48 B
W2YEN	241,233	421	191	48 B	
W2YK	48,480	160	101	48 B	
N2MGT	26,520	121	74	48 B	
WT2JG	28,168	106	76	15 B	
N1EU	548,520	653	280	48 C	
K2KJ	93,960	216	145	11 C	
KD2NE	11,094	86	43	48 B	
KF2O	867	17	17	48 C	
N2LH	59,856	232	86	14 C	
WX2N	17,820	111	64	48 B	
KA2NZO	200,934	366	183	48 C	
W1NWX	2,208	32	23	11 B	

<b>NYC-Long Island (+K0OGL)</b>	W2ZTH	245,841	361	227	18 B
KA2JEM	7,958	213	122	48 B	
W2BZH	60,006	274	73	48 B	
N2TO	37,638	153	82	6 B	
W2ACNV	245,856	416	197	48 C	
K2AW	232,985	465	167	48 C	
W2BZYQ	205,668	348	197	48 C	
K02UJ	200,934	366	183	48 C	
W2BZAM	3,960	44	30	48 B	
KA2VVO	768	16	16	48 C	
<b>Northwestern New Jersey</b>	W2JEK	4,080	40	34	5 A
NA2U	932,034	953	326	48 B	

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<b>Alabama</b>	W4DWS	218,538	342	213	48 B
KU4YJ	76,356	202	126	17 B	
KE4KWE	70,644	203	116	48 B	
WA4UB	61,056	192	106	48 B	
W4BAWM	46,710	173	90	48 B	
KJ3C	20,085	103	65	48 B	
K4TXA	18,090	90	67	48 B	
K4NVJ	5,244	46	38	5 B	
K4AB	1,969,230	1601	410	48 C	
K4WG	660,393	789	279	48 C	
AG4W	647,766	742	291	48 C	
NM4T	61,605	185	111	48 C	
K4JYO	201,069	677	99	48 C	
KF4WCG	2,160	36	20	10 B	

<b>Georgia</b>	K4OYG	335,340	486	230	48 B
K2UFT	34,776	126	92	48 B	
W4WQRG	32,310	126	85	48 B	
W4AN (N1RR, op)	2,450,709	1959	417	48 C	
W4A4II	690,486	733	314	48 C	
K4BAJ	592,074	762	259	48 C	
K5G0E/4	385,140	490	262	27 C	
KR4TG	321,216	448	239	48 C	
W4MIS	21,054	121	58	48 C	
KA9UQ	24,708	142	58	48 B	

<b>Kentucky</b>	K4IE	371,712	512	242	48 B
W4LC	204,435	285	177	43 B	
N4XM	30,324	133	6	6 C	
K5TO	261,600	800	109	28 B	
KD4CSW	936	26	12	7 B	

<b>North Carolina</b>	NE4E	106,398	257	138	21 A
AE4ZQ	102,144	256	133	48 B	
W4DNCZ	164,241	323	89	48 B	
KK4LH	18,414	93	66	48 B	
K5LZT	5,400	45	40	2 B	
NX9T	1,021,800	1048	325	26 C	
N4UH	636,894	863	246	34 C	
W54YQ	365,900	524	242	48 B	
NW6S	277,848	408	227	14 B	
N4CW	244,818	406	201	13 C	
W4YD	95,985	237	135	48 C	
KB4MLD	66,510	210	105	48 C	
KA8FM	36,432	132	92	48 C	
K4WES	2,511	31	27	48 C	
KA5EE	24,003	139	59	48 C	
N4TL	396	12	11	48 C	
N4C4C	43,026	202	71	48 C	
W2AY	100,395	345	97	48 C	
AA0K0/4	26,880	144	64	48 B	
KF4VMT	5,781	47	41	4 B	

<b>North Florida</b>	W44ME	503,538	631	266	48 B
W4A1ET	158,886	291	182	48 B	
N4KE	82,212	221	124	48 B	
W4BH	69,840	194	120	48 B	
W4SDE	45,090	167	90	48 B	
W4YE	3,348	36	31	3 B	
WC4E	1,719,630	1485	386	24 C	
K8WK	764,712	817	312	38 C	
W7QF	139,365	285	163	18 B	
KX4VW	38,760	152	85	48 C	
NA4EK	26,334	133	66	48 C	
KC4JE	6,090	58	3	20 B	
K4VUD	243,900	813	100	48 B	
N4PN	193,440	620	104	48 B	
W1LR	6,300	70	30	48 C	

<b>South Carolina</b>	KT4FP	136,155	313	145	15 B
KS4YJ	75,516	217	116	14 B	
W3VT	419,094	597	234	48 C	
N4GJ	207,570	370	187	48 C	
KT4JK	28,638	111	86	48 C	
W4JKC	22,401	131	57	10 C	
<b>Southern Florida</b>	W4/AH6JN	1,142,736	1064	358	48 B
W4EMU	156,156	308	169	16 B	
W9FGH/4	27,966	118	79	10 B	
K11R	92,040	135	328	48 C	
N8PR	592,428	596	281	48 C	
W2BZLQ	382,284	518	246	48 C	
W2BWIH	301,032	444	226	20 C	
K1DCB	181,908	372	163	48 C	
N4TO	92,718	202	153	48 C	
W4JAT	6,405	61	35	48 C	
K4LQ	18,975	115	55	48 C	
N4DL	175,284	541	108	48 B	
NA4CW	123,120	456	90	48 B	
N4BP	235,935	735	107	21 C	
AJ4Y	74,460	292	85	18 B	
W4GD	27,885	143	65	8 C	
KF4KSN	13,688	134	34	17 B	
KR4YL	6,930	77	30	48 B	
W6RTU/4	675	15	15	48 B	

<b>Tennessee</b>	N1CWR	211,770	362	195	48 A
NY4T	345,912	497	232	48 B	
W4JH	53,928	168	107	48 B	
W4N	12,948	63	52	48 B	
W8BBSH	11,388	73	52	48 B	
K4JNY	1,287,957	1259	341	48 C	
N4DW	80,136	252	106	48 C	
W4OQG	1,482	26	19	3 C	
K4WX	66,066	286	77	48 C	
W04O	24,138	149	54	48 B	
<b>Virginia</b>	N4EUL	1,380	23	20	5 A
W4YE	253,953	417	203	48 B	
N3TG	198,462	341	194	48 B	
K4JFP	138,945	295	157	48 B	
W4SD	119,250	250	159	48 B	
K4UVT	106,272	244	144	48 B	
N6MT	68,445	169	135	48 B	
N4ZHN	62,475	175	119	33 B	
K54I	2,856	34	28	6 B	
K3O3S	913,260	982	310	48 C	
W4JVN	630,564	528	281	48 C	
N4MPT	372,942	529	325	48 C	
W2YE	250,848	402	208	48 C	
K5VG	39,087	129	101	48 C	

KF4FXT	31,500	140	75	48 C
K3HQB	13,828	84	54	8 C
AF4MO	8,160	68	40	48 C
AA4KD	7,380	60	41	48 B
K4UK	2,430	30	27	24 C
N4MXT	39,744	184	72	48 C
WK4Y	16,317	111	49	48 B
K4WY	5,280	55	32	4 B
K4TZW	380,484	1084	117	48 C
WA4MA	2,700	36	25	4 B
A12C	95,985	395	81	48 C
KD4MTW	5,8			





PA0RBS	19,350	129	50	48	B
PA3AAV	12,804	97	44	48	B
PA7KW	21,924	116	63	48	C
PA3EWP	121,296	722	56	48	C 20
PI4COM	120,824	718	56	48	C 20
PI4TUE (PA3EJL)	157,914	1011	58	48	C 15
PA5ET	159,372	932	57	48	C 15
PA0KDM	390	13	10	48	B 15

<b>Slovenia</b>					
S51DX	815,040	1415	192	48	C
S55A	290,304	672	144	48	C
S54E	1,443	37	13	48	C 160
S50K (at S50A)	73,206	581	42	48	C 80

S53M (S5500 op)	139,776	895	52	48	C 20
S50S	234,540	1303	60	48	C 20
S57U	30,381	247	41	48	B 20
S50R	208,620	1159	60	48	C 15
S53Z0 (S51TA, op)	158,807	917	57	48	C 15

S57MSU	11,058	97	38	48	B 15
S59D	8,019	81	33	48	B 15
S51AY	59,928	454	44	48	C 10
S59D (S51D, op)	38,499	313	41	48	C 10
S52T	119,409	201	30	48	B 10
S57NMQ	15,456	161	32	48	B 10

<b>Sweden</b>					
SK6MT (SM5CC, op)	3,024	42	24	48	A

SM7BJW	34,230	163	70	48	B
SM2EKM	200,070	585	114	48	C
SM4SE	57,240	265	72	48	C
SM2MDM	117,528	664	59	48	C 20
SK3LH (SM3WV, op)	5,481	63	29	48	B 15
SM0KV	270	10	9	48	C 15

<b>Poland</b>					
SP6DYP	80,340	260	103	48	B
SP7LZD	28,512	114	66	48	B
SP3XR	10,320	40	43	48	B
SP7A	3,969	49	27	48	B
SP1MVG	2,346	34	23	48	B
SP5FKW	1,716	26	22	48	B
SP7LHX	972	12	14	48	B
SP5LCC	480	40	4	48	B
SP6YQ (SP6HB, op)	53,439	379	47	48	C 40
SP3GHK	1,134	27	14	48	B 20
SP6IEQ	312	13	8	48	B 20
SP5GRM	183,549	1037	59	48	C 15
SO6Z (SP3DWO, op)	180,264	1036	58	48	C 15

SP6IXF	88,704	528	56	48	C 15
SP6CZ	63,336	406	52	48	C 15
SP9BBH	23,970	170	47	48	B 15
SP4TVO	1,428	34	14	48	B 15
SP3FKH	17,712	164	36	48	C 10
SP6LY	15,030	124	40	48	B 15
SP2AHD	3,528	56	21	24	B 10

<b>Greece</b>					
SV1CIB	80,652	286	94	48	B
SV7UYGMF	7,554	119	22	48	B
SV2AEL	36,285	295	41	48	B 10

<b>Bosnia-Herzegovina</b>					
T94KA	3,168	44	24	48	A
T97M	246,400	100	120	48	C
T94DO	22,440	220	34	48	B 10

<b>European Russia</b>					
RN1AO	67,650	275	82	48	B
UA3BL	65,985	265	83	48	B
RW4AA	31,236	719	148	31	C
UA6AN	3,906	42	31	48	C
RX3AEF	1,638	26	21	48	C
RX3DNC	429	13	11	48	C
R44NW	1,440	8	5	48	C 80
RZ1AZ	1,220	30	16	48	C 20

RV1AW	134,572	798	58	48	C 15
RA6LEA	14,319	129	37	48	B 15
UA3LHL	6,555	95	23	48	B 15
RA3XO	5,952	62	32	48	B 15
UA4ACP	37,752	242	52	48	B 10

<b>Ukraine</b>					
UT5UAG	32,184	149	72	48	B
UU4JO	3,825	51	25	48	B
UT1II	111,300	371	100	48	C
UR8MA	9,756	542	18	48	C
UR8WA	80,700	530	58	48	C 20
UR5SO	17,820	80	32	48	C 15
UT5UDX	10,509	113	31	48	C 20
US5ZE	12	2	48	B 20	

UU2ZJ	32,853	233	47	48	C 15
UT1IA	11,294	169	42	48	C 15
UT7QF	17,901	153	39	48	C 15
UR1KR	4,832	82	22	48	C 15
UR7IWW	7,482	86	29	48	C 15
US5EE (UA1FA, op)	1,050	25	14	48	C 15
UY5OZ	264	11	8	48	B 15
UR7VA	80,064	556	48	48	C 10
UT0D	23,356	278	34	48	C 10
UT7ND	6,210	90	23	48	C 10
UT1FA	2,580	43	20	48	C 10
UX2DQ	48	4	4	48	C 10
URDXX	48	4	4	48	C 10

<b>Latvia</b>					
YL3BZ	1,581	31	17	48	B 15

<b>Romania</b>					
YO3AFJ	30,192	148	68	48	B
YO4FRF	81,249	511	53	48	C 20
YO6SD	432	16	9	48	B 15
YOSBIM	2,907	51	19	48	B 10

<b>Yugoslavia</b>					
YU5KTK	88,500	295	100	48	B
YU7SF	3,036	44	23	48	B
YU4AY	60,912	432	47	48	C 40
YU1JW	216,825	1225	59	48	C 20
YT7A	203,727	1151	59	48	C 20
YT7KF	133,380	780	57	48	C 20
YZ9A (YU1AU, op)	131,196	754	58	48	C 15
4N1N (YU1BX, op)	10,944	96	38	48	B 15
YZ1U	40,470	355	38	48	C 10
YU7KM	7,722	99	26	48	B 10

<b>Macedonia</b>					
Z31JA	9,855	73	45	48	C
Z32AF	300	20	5	48	C 80
Z31GX	45,450	303	50	48	C 15

<b>North America</b>					
<b>Barbados</b>					
8P9JL	101,010	370	91	48	B
8P2K (8P6SH, op)	1,772,928	2432	243	48	C

<b>Cuba</b>					
CO8JY	9,486	93	34	48	B 160
CO8DM	23,112	214	36	48	C 20

<b>Guadeloupe</b>					
FG5BG	4,488,966	5142	291	48	B

<b>Panama</b>					
HO3A	65,856	224	98	48	B

<b>Honduras</b>					
HR6/W5WW	4,958,523	5349	309	48	B

<b>Grenada</b>					
J3A (K1XX, op)	4,731,714	5694	277	48	C

<b>Alaska</b>					
N1V	24,192	144	56	11	A
N1WIK	252,117	771	109	48	C
N3HXQ/KL7	157,491	921	57	48	C 15

<b>Virgin Islands</b>					
NP2DJ	22,500	125	60	48	B
KP2BH	188,268	1082	58	48	B 15

<b>Puerto Rico</b>					
WP4LNY	26,190	194	45	48	B
KP3O	14,880	155	32	4	B 20
KP4FF	231,000	1375	56	48	C 10
WP4MY	65,848	428	51	48	B 10

<b>St. Maarten, Saba, St. Eustatius</b>					
PJ8/W3EH	159,030	930	57	48	B 10

<b>Guatemala</b>					
9G9D/IK2NCJ	465,510	2630	59	48	C 20

<b>Costa Rica</b>					
T11Z (T14M, op)	191,748	1102	58	48	B 20
T17NMQ	300,150	1725	58	48	B 10

<b>Antigua &amp; Barbuda</b>					
V26P (W5AJ, op)	5,015,184	5128	326	48	B

<b>Belize</b>					
V31JP (K8JP, op)	6,115,824	6534	312	42	C
V31MX	213,324	1226	58	48	B 10

<b>St. Kitts &amp; Nevis</b>					
V47K	5,589,738	5698	327	48	C
V44NK	318,420	1740	61	48	C 20

<b>British Virgin Islands</b>					
VP2VK/D1DW	1,779,510	2579	230	48	B
VP2VF	365,882	2066	59	48	B 10

<b>Turks &amp; Caicos Islands</b>					
VP5J (K9A, op)	6,011,520	6262	320	48	B
VP5A (KQ3V, op)	4,965,873	5189	319	48	B

<b>Mexico</b>					
XE2DV	2,614,248	2964	294	48	B
XE1BEF	674,520	1460	154	48	B
XE1RGL	34,365	145	79	48	B
XE2DN	1,548,288	2016	256	48	C
XE2AUB	281,589	1771	53	48	B 10
XE1RCP	126,420	860	49	48	B 10
XE2HWH	29,172	221	44	48	C 10

<b>El Salvador</b>					
HU4A (YT1AD, op)	6,939,270	6590	351	48	C
HU1A (YU7R, op)	535,458	2926	61	48	C 15

<b>Cayman Islands</b>					
ZF2DR (K9R, op)	4,990,800	5700	286	48	C

<b>Oceania</b>					
3D2TC	57,330	273	70	11	B

<b>East Malaysia</b>					
9M6AAC (9M6US, op)	51,480	260	66	30	C

<b>Philippines</b>					
DU7MHA	6,384	76	28	5	B
DUI1SN	3,990	70	19	48	B
DUI1ER	4,746	113	14	48	B 10

<b>New Caledonia</b>					
FK8VHN	482,517	999	161	48	B

<b>Mariana Islands</b>					
NH6E	47,082	266	59	48	B
WH0ABA	101,136	688	49	48	C 10

<b>Hawaii</b>					
KH6/WB6FZH	5,814	57	34	8	A
KH6/F5IDM	301,104	738	136	25	B
WH6O	50,298	202	83	23	B
NH6YK	3,825	51	25	2	B
KH7R (KH6ND, op)	277,808	6806	306	48	C
NH7A	4,513,500	5015	300	48	C
KH6/KGOZ1	136,728	844	54	48	C 10
WH6CYK	59,502	422	47	48	B 10

<b>American Samoa</b>					
AH8A	397,062	2322	57	48	C 10

<b>West Kiribati</b>					
T39R (OK1RI, op)	2,636,976	3208	274	48	C