

Results, 1989 June VHF QSO Party

By Billy Lunt, KR1R
Contest Manager

and Mark R. Burke, KA1MIS
Contest Assistant

E-skip and June... they go together, don't they? Usually they do. This time around, June 10-12, 1989, E-skip—that propagation medium that projects 6-meter signals long distances—took an unexpected vacation. We don't know where it went for R-and-R, but it sure put a damper on what is usually a very exciting VHF contest.

"Who forgot to turn on the switch? Bands were dead both days!"—KB1EM. "In the eleven years that we have done the contest, this has to be the worst conditions ever on 6 meters."—W0KEA. "Good location, good equipment, good weather, good food, good friends, good operators, but bad E_s."—WD7Z.

There were a few bright spots propagation-wise, however, as WAINLD noted that "it is always nice to have 'Auntie Aurora' visit during the contest." Meanwhile, the voice of northern New York state and FN24 (W9IP) "spent the weekend on a rain-soaked hilltop... if the aurora had not occurred, the contest would have been a complete washout."

Washouts did indeed occur for some planned operations, including this writer's unsuccessful team assault of Cadillac Mountain in Maine. Congratulations to those who persevered.

The QRP-portable category continues to attract more attention as attested to by

KB6MEG: "Contesting QRP portable in the pines of Southern California was fun!" And QRP-portable regular, K6LMN, "found it difficult to fight the kW stations, but the rare grid really helps." We continue

to seek your input on how to best tailor the rules to promote operation from rare and remote grids.

In spite of all the propagational obstacles, some pretty good scores resulted.

Plaque Winners

Single Operator

Position	Winner	Score	Donor
1st	K5UR	185,049	John Kanode, N4MM
2nd	WA2FGK (K2LNS,op)	166,920	Bald Knob VHF Contest Group
3rd	K5CM (N5CG,op)	153,468	Cushcraft
4th	N4DT	132,057	Terry Netzley, W8NJR
5th	WA2TEO	126,707	Delaware Valley VHF Society
6th	VE3ASO	124,070	Down East Microwave
7th	K1RZ	97,110	Mt Greylock Expeditionary Force—W2SZ
8th	K0TLM	90,738	Wellesley ARS VHF Contest Group—W1TKZ
9th	N2WK	90,168	Kenwood Employees ARC, WD6DJY
10th	WB9MSV	77,172	Kenwood Employees ARC, WD6DJY

Multipoperator

Position	Winner	Score	Donor
1st	W2SZ/1	712,897	Randy Stegemeyer, W7HR
2nd	N6CA	643,920	Cushcraft
3rd	W3CCX/3	479,740	In Memory of Morris Tillotson, W4OKN—WB4FDT
4th	AA9D	462,078	Frank Potts, NC11
5th	K1TR/3	431,613	Mt Airy VHF Radio Club
6th	WB0DRL	422,417	Jon K. Jones, MD, NO0Y
7th	K3YTL	294,400	Mark Wilson, AA2Z
8th	N8FMD	268,068	Down East Microwave
9th	WB8ISK	256,785	Rochester (NY) VHF Group
10th	WB8BKC	253,236	W1XX (+ WB1AVA, K1GX, K1JX, KB9NM) Contest Team

QRP Portable—Single Operator

Position	Winner	Score	Donor
1st	NO0Y	17,730	K2OVS and K2RIW
2nd	WB2ELB (FN03)	13,140	Peter Putman, KT2B
3rd	N1DJB	5,372	Contest Committee—LIMARC
4th	K6LMN (CM94)	4,392	West Coast VHFer
5th	NM1K	4,116	Sunrise Radio Club—W2SV



Robin, WB7VLJ, operated 6 meters from Utah.

Division Leaders

Single Operator

Call	Score
WA2FGK (K2LNS,op)	166,920
VE3ASO	124,070
WB9MSV	77,172
K0IR	25,300
K5UR	185,049
KB8ZW	50,728
N2BJ	68,034
K0TLM	90,738
WA2TEO	126,707
N7ML	35,392
W6RXQ	12,654
W0ETT/7	17,100
N4DT	132,057
WD4MGB	37,392
W6CPL	51,086
K5CM (N5CG,op)	153,468

Multipoperator

Division	Call	Score
Atlantic	W3CCX/3	479,740
Canada	VE6NOV	30,528
Central	AA9D	462,078
Dakota	K0DD	72,954
Delta	KC4YO	143,994
Great Lakes	WB8ISK	256,785
Hudson	N2GHR	157,170
Midwest	WB0DRL	422,417
New England	W2SZ/1	712,897
Northwestern	NU7Z	45,200
Pacific	NU6S	74,592
Rocky Mountain	W0KEA	75,712
Roanoke	N8FMD	268,068
Southeastern	WA4CQG	54,576
Southwestern	N6CA	643,920
West Gulf	K5JL	233,345

Single Operator QSO Leaders By Band

50 MHz		432 MHz	
K5CM (N5CG,op)	288	K1FO	141
K1FJM/4	253	K2TXB	109
WD4MGB	236	WB3ESS	91
WA1OUB	211	N2BJ	86
N7ML	206	WA2FGK (K2LNS,op)	84
W4NVV	205	NS4W	82
N5HHS	204	WA2TEO	81
KN5S	201	K1RZ	81
W9IP/2	191	N4DT	78
K5UR	186	K5UR	73
VE3RM	185	K2UOP/4	67
WA1TRE	184	KX4R	65
W3EP/1	183	K4QIF	65
W3WFM	180	WB9MSV	59
VE5UF	180	W3ZZ	58
144 MHz		902 MHz	
K2TXB	368	WA2FGK (K2LNS,op)	18
N8UM	271	W6CPL	18
WB2QOQ	264	N2BJ	14
WA2FGK (K2LNS,op)	261	N5WS	14
KA1KRJ	259	WA2ONK	13
N4DT	245	N2WK	13
NS4W	245	KD5RO	13
K3NXH	242	KB8ZW	12
K5UR	232	K9MK/5	10
WA2TEO	226	WA2TMC	9
K3ZO	210	K2UOP/4	9
WA4VWV	199	VE3ASO	8
KA8TLJ	189	N2GAZ	6
KD9JQ	188	VE3CKU/W8	6
W1QK	185	NOØY	6
220 MHz		1296 MHz	
N6UII	92	W6CPL	33
WA2TEO	78	WA4VHF	31
N2BJ	63	WA2LTM	30
W6CPL	56	WA2FGK (K2LNS,op)	29
WA2FGK (K2LNS,op)	52	WA2TEO	26
N2WK	48	K1FO	25
VE3ASO	47	K5UR	23
N2CEI	46	NØLL	23
N4DT	45	W2CNS	22
W3ZZ	44	N1DPM	21
NN9K	43	N2BJ	21
K1RZ	42	WA1OUB	20
K2UOP/4	41	W3IP	20
WA1HYN	40	N2WK	19
W3IP	40	K4QIF	18
		N2CEI	17
		VE3ASO	17

just ahead of the voice of the Midwest, AA9D, at 462k. K1TR also tried a new operating site in 3-land, finishing fifth at 431k, just squeaking past the usual strong effort by WBØDRL at 422k.

The QRP-portable roost was ruled by NOØY with 17k. Jon continues to make a habit of posting high scores in this fun category.

There are lots of plaque winners in this year's contest. A new plaque will be offered in June 1990 for the top DX score. Let's hope for better E-skip conditions in the coming year, and especially during the next running of the June contest—W1XX.

SOAPBOX

Aurora for the third VHF contest in a row, but less than half an hour of sporadic-E. Ionospheric scatter was quite good Sunday morning, but it didn't make up for the loss of sporadic-E. There was a great auroral-E opening to western Canada on 6 meters after midnight, but many had already given up for the evening (W3EP/1). What if you held a party and nobody came? Activity was the worst that I have heard in 10 years (K1FO). A fair contest, but Sunday was too beautiful to operate. I would rather be sailing—which I did! (K1PLR). I could have done better, but I didn't want to rack up so many points that I couldn't beat my score next year (KA1MWU). Pretty dull June test, but I worked four new grids (WA1TRE). Pretty slow contest. Not much propagation on any band. I just missed some 6-meter DX to VE8. The VE8s were not audible at this QTH (K1WHS). I was on the tower putting up 220-MHz antennas while the aurora was on 220! (WA1HYN). Mountaintopping in northeast Vermont makes one aware of just how much effort is required! Even a modest 4-band operation takes work! (W1AIM). One word describes this contest: MISERABLE. Miserable band conditions... miserable activity... miserable equipment...etc (K1LPS). Sure is hard to get people to turn their beams toward VT! (KC1MC). The local QRM on

Single Operator Multiplier Leaders By Band

50 MHz		432 MHz	
K5CM (N5CG,op)	154	NS4W	49
VE5UF	113	N4DT	48
K5UR	111	K5UR	45
N5HHS	110	KX4R	38
KØTLM	110	K1FO	37
KN5S	109	WB9MSV	37
WD4MGB	105	W2GU	36
K1FJM/4	99	WB4MDX	35
W4NVV	96	KF4FL	33
N5JHV	92	K4QIF	33
W5SXD	89	K1RZ	32
W5FF	88	NØFQW	32
W7HAH	87	NØLL	31
N7ML	87	WA2FGK (K2LNS,op)	30
W9IP/2	84	KØTLM	29
144 MHz		902 MHz	
N4DT	83	W2SZ/1	59
NS4W	78	KD5RO	12
N8UM	77	WA2FGK (K2LNS,op)	12
K2TXB	69	N2WK	11
KF4FL	62	KB8ZW	10
KE8FD	61	W6CPL	9
KD9JQ	59	N2BJ	7
K5UR	58	WA2TMC	7
WB9MSV	58	VE3ASO	7
WB4JGG	57	WA2ONK	6
WA2FGK (K2LNS,op)	55	K2UOP/4	6
K3NXH	55	VE3CKU/W8	5
W9JGV	55	NOØY	5
WA4VWV	55	WRØI (EM17)	5
KØBI/8	54	1296 MHz	
220 MHz		K5UR	18
N4DT	33	NØLL	17
WA2TEO	31	WA4VHF	15
K5UR	29	K4QIF	15
NN9K	26	WB9MSV	15
VE3ASO	26	W2CNS	14
WA2FGK (K2LNS,op)	24	K1FO	12
W3ZZ	24	KD5RO	12
K5CM (N5CG,op)	24	WA2FGK (K2LNS,op)	12
K4LHB	23	K5CM (N5CG,op)	12
K8DIO	23	KØTLM	12
N2WK	22	N1DPM	11
WB2PSI (WB2QCJ,op)	22	WA2LTM	11
K1RZ	22	N2WK	11
W2GU	22	K1RZ	10
NØLL	22	W3IP	10
		NOØY	10
		VE3ASO	10

K5UR continues to make magic in this June contest with a winning effort of 185k. In flat conditions, it takes some doing to beat out an East Coast station, and Rick did just that, finishing ahead of K2LNS at the controls of WA2FGK's station (who weighed in at 166k points). Similarly, N5CG guided K5CM's station to third place with 153k points. Other top-ten finishers (see box) represent different geographical call areas, once again showing that the June contest brings out the best competition.

In the multiop category, W2SZ/1 put on its usual solid performance from Mt Greylock in Massachusetts to cop top honors. Twenty-three operators on 11 bands provided the winning formula. It took a Herculean effort to stay out front, as the West Coast N6CA (from California) team put on a magnificent effort to finish second with 643k—right behind W2SZ's 712k. W3CCX ventured into new territory in rare grid FN01, finishing third at 479k,



Ken, WB6DTA, and Jerry, K6DYD, scored 11k points from this remote location in SDG (DM22).

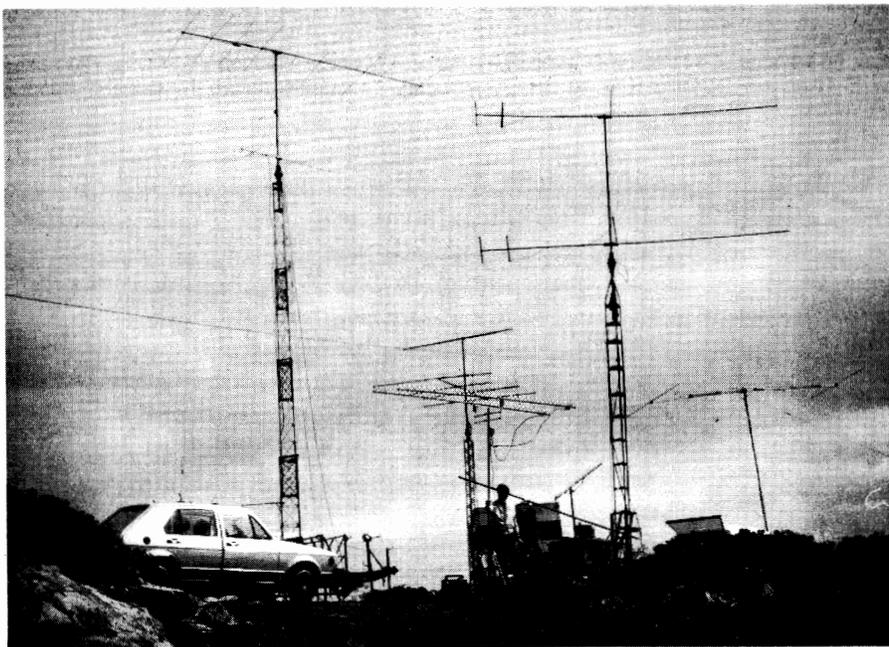
Multioperator QSO Leaders By Band

50 MHz		432 MHz	
K1TR/3	366	N6CA	238
W2SZ/1	347	W2SZ/1	219
W0UC/9	347	K3YTL	188
W3CCX/3	321	K1TR/3	160
AA9D	319	W3CCX/3	145
N6CA	296	N8FMD	116
WB0DRL	269	AA9D	116
WA7JTM	262	K5JL	106
W0KEA	259	K6MEP	105
WB8BKC	255	WB0DRL	102
WD7Z	251	WC2F	100
K5JL	238	N2GHR	99
KC4YO	222	KC4YO	98
N2GHR	219	N4EQT	97
N4EQT	213	WD8ISK	92
144 MHz		902 MHz	
W2SZ/1	574	W2SZ/1	59
N8FMD	492	K3YTL	36
N6CA	464	W3CCX/3	32
K1TR/3	420	K1TR/3	31
K3YTL	370	N6CA	30
WC2F	364	WB0DRL	21
W3CCX/3	361	AA9D	19
N8FWL	326	N2GHR	18
W3KWH	307	WC2F	17
N4EQT	298	K2XR	15
WD8ISK	298	WB8BKC	15
AA9D	286	WB8ISK	11
NV2D	283	K3LNZ/8	10
K3LNZ/8	276	W3KWH	9
WB8BKC	238	K5JL	9
220 MHz		1296 MHz	
N6CA	419	N6CA	97
K6MEP	209	WB0DRL	56
W2SZ/1	173	K3YTL	55
K3YTL	130	W2SZ/1	53
K1TR/3	110	K1TR/3	42
W3CCX/3	103	W3CCX/3	37
N2GHR	78	K2XR	33
AA9D	72	AA9D	33
K2XR	67	K1WHS	31
WB8BKC	60	N2GHR	29
W3KWH	59	WB8ISK	23
N4EQT	57	W1BCG	22
N8FMD	57	W3KWH	22
K3LNZ/8	57	K5JL	22
WB6PFJ	55	WB8BKC	22

Multioperator Multiplier Leaders By Band

50 MHz		432 MHz	
W0UC/9	168	AA9D	67
AA9D	151	K5JL	60
WB0DRL	147	N8FMD	59
K5JL	136	KC4YO	57
W0KEA	133	W3CCX/3	53
WA7JTM	124	WB0DRL	52
K0DD	117	N4EQT	47
WD7Z	114	WD8ISK	47
N4EQT	104	N8FWL	44
KC4YO	103	WB8BKC	42
K1TR/3	102	K3LNZ/8	40
WB8BKC	102	W2SZ/1	38
W3CCX/3	99	W3KWH	38
K7CW	95	K1TR/3	36
N6CA	93	W0UC/9	36
144 MHz		902 MHz	
N8FMD	105	W2SZ/1	19
AA9D	89	WB0DRL	18
N8FWL	85	W3CCX/3	17
N4EQT	81	AA9D	16
WD8ISK	81	K1TR/3	14
W3CCX/3	80	N6CA	14
W3KWH	75	WB8BKC	13
K3LNZ/8	74	K3YTL	12
KC4YO	73	WD8ISK	10
WB8BKC	66	W3KWH	9
W0UC/9	65	K5JL	9
WB0DRL	63	K3LNZ/8	9
K1TR/3	61	N2GHR	8
W9CSF	58	K2XR	7
WC2F	57	WC2F	7
220 MHz		1296 MHz	
W3CCX/3	47	WB0DRL	31
AA9D	45	AA9D	26
WB8BKC	42	W3CCX/3	21
N8FMD	40	W2SZ/1	20
K3YTL	39	K1TR/3	19
W3KWH	39	N6CA	19
N4EQT	37	K3YTL	18
WD8ISK	36	WB8ISK	18
K1TR/3	34	W3KWH	17
WB0DRL	33	K5JL	16
W2SZ/1	32	WB8BKC	16
K3LNZ/8	30	K2XR	12
N2GHR	28	K1WHS	11
NA2O	28	N2GHR	11
N8FWL	27	N1BCG	9

2 meters was unbelievable! Too bad W6JKV only had a few people to work in the middle of the night from DP22. He was S-9 for almost an hour! What a thrill to work VE3ASO in FN25 on 1296! It was roughly 275 miles and I was using 10 watts and a 45-element looper (N1DPM). Now that 432 works, my goal for the next contest is to get 6 meters fixed up! (NQ1C). Old Murphy and I became the best of friends. In fact, I let him have the 432 rig for most of the contest. Do I have to enter multiop? (NA1W). Conditions Saturday were great, but on Sunday they were the pits (WA2FUZ). For the next contest, I hope to have my home-brew linear up and running (KB2EEU). First contest on 1296! (WA2EIO). After two years, another new house and another new baby, I finally got my equipment on the air (KA2ZYX). Neither the heavy rain nor the high winds could keep Murphy away from the equipment! (NV2D). I enjoyed the contest even though my antennas are stuck northeast. Worked my first VE1 on 6 meters. (WA2VYA). Activity on 220 was nil! (K2GK). Unexpected conditions—aurora and no E_s! Very little doubt in my mind that the Northeastern stations were favored (WB2ELB). Crude equipment, but no failures! (KU2A). The short aurora in the beginning of the contest was the downfall. A cold front blew in and destroyed the UHF and microwave conditions. Stations worked on 1296 for ten years were never heard (K2LNS). Lowest activity in many years! (W3CL). This was my first portable VHF contest, and I learned a lot about portable operation. The downfall was a poor antenna system and low power on 6 meters. Next year, I am planning to double the elements on all bands, adding stations for 220 and 902 and running 10 W on 6 meters (N3FTI). I was surprised at the number of stations that could not copy my PTT-sent CW—I was also surprised at those who could! (W2TI). A great contest! We operated from a field on K3UZY's property at 2300 ft above sea level. The aurora on Saturday helped us to work 50 grids on 2 meters with low power and not much of an antenna. We hope to be back next year with a more competitive station (N3AHF). There was 2-meter tropo to W9 land exactly 30 seconds after the contest ended (K3NXH). Good tropo! Just in time! In a few weeks, I am going to tear my station down. I have been transferred to the UK for a five year assignment (WB4SLM). What happened to the E-skip on 6 meters? There was good propagation on 2 meters and 432 for most of the contest (AA4FQ). The bands were marginal, but



NU6S and crew operated on Signal Peak (DM07), scoring 74k points to secure first place in SJV and the Pacific Division.



Mark, KN5S, had fun operating from his van. He put DN75 on the air and won first place in MT.

I still enjoyed my first VHF contest! (N4ILE). There were good conditions to W8 and W9 land during Saturday night and Sunday morning (N8UM). I had fun—always do! But where was everyone? The bands were wide open but nobody was there (KB4OLM). Here is the contest run-down on a scale of 1 to 10: E-skip—2; aurora—0; tropo—6; activity—5 (N4VC). I saw some great sunspots using a telescope, but 6 meters never opened (KØRI). Just about the only thing 6 meters opened was QRM from a thunderstorm! (WB5IGF). It was good to hear all the new stations on 220 (N5KWB). Condition were very poor. I never heard call areas 1, 2 or 3! (W5FF). I wish that I had the tower up. Dipoles are lousy contest antennas! I still managed a few new grids (KY5N). I thought it would never end. It was boring, no decent opening and not enough folks on, but we all endured and are not really complaining (AA5DS). This was my first contest! It was great! Let me tell you, 220 is not dead in LAX (N6UII). If 6 meters hadn't opened up, it would have been the worst effort ever by our group (WA6HXD). I went to CM94 to help out the local VHFers. It was difficult with QRP power to fight the kW stations, but a rare grid really helps (K6LMN). Contesting QRP portable in the pines of Southern California was fun! (KB6MEG). We had a lot of fun operating portable near Yosemite, CA, although it was dead, dead, dead! (NU6S). Who turned off the DX switch on Sunday? Things can't get worse, can they? (WA7JTM). I had a lot of fun. The bands were so-so (N7FJM). Everything was OK until I put water into the generator gas tank—thank goodness for batteries (W7VXW). Great weekend! I worked nine new grids and three new states. My quagi works very well (W8OUD). Very strange conditions—not the best but not the worst. I did so much listening to white noise that if I hear a frying egg I will go bananas! (KB8JI). This is my favorite contest (WA9GCB). Some of the usual grids were missed, but the mid-Atlantic gang helped pick up the multiplier count (WA4VWV). I had a good time, but the wood ticks were bad (K9VGE). Sporadic-E conditions were some of the worst on 6 meters from this area in re-



Barry, N2BJ, used this nice console station on six bands to score 68k points. He finished as first-place single operator in ENY and was Hudson Division Leader.

cent memory (K9DZE). Very good conditions and there were plenty of operators on the bands (NØCIH). What happened to the Northeast? Six meters wasn't too bad, but 144 and 432 were pretty bleak (NØGPD). Six-meter openings were down and QRM to channel 2 audio was up! Still, it was

a lot of fun, and we are getting better (WBØGGM). Even when conditions are bad, the ARRL June VHF QSO Party is the one to be in! (KAØGGI). The 220 activity on aurora Saturday was spectacular. The band is probably the most interesting of them all (VE3DSS).

Scores

Call, score, QSOs, multipliers, bands worked (A = 50 MHz; B = 144 MHz; C = 220 MHz; D = 432 MHz; 9 = 902 MHz; E = 1296 MHz; F = 2.3 GHz; G = 3.4 GHz; H = 5.7 GHz; I = 10 GHz; J = 24 GHz; K = 48 GHz; L = Light). An asterisk before the call sign denotes a QRP-portable station; an (N) after the call sign indicates a Novice.

W/VE

1

Connecticut

WA2TEO 126,707- 576- 161-ABCDE
 W3EP1 41,285- 332- 115-ABD
 AA2Z 23,655- 240- 83-ABCD9
 K1FO 17,493- 166- 49-DE
 WA1VRH 8,352- 174- 48-A
 WA1UQC 5,206- 101- 38-ABCDE
 W1QK 4,995- 185- 27-B
 *NM1K 4,116- 123- 21-BCDE
 WA1NLD 1,740- 87- 20-B
 W1FAJ 1,701- 51- 21-ABCD
 W1WHL 1,083- 57- 19-A
 *KH6CP1 (FN31) 756- 26- 18-ABCD9EF
 N1ABY 462- 42- 11-AB
 K1WVX 296- 37- 9-B
 *K1PLR 280- 34- 8-BD
 NJ2L 60- 12- 5-A
 KH6CP1 10- 5- 2-A
 KA1MWU 1- 1- 1-B
 W1BCG (K1VYU,KA1s PFP,POS,SXJ,N1s CTF, CWD,N1U,K2LME,ops) 11,767- 187- 41-BCDE
 AE1H (+KA1s Of,SMN,KB1ZB,WB8TSL) 2,725- 83- 25-ABD

Eastern Massachusetts

W1JR 3,977- 61- 41-ABCD9EF
 K1VZI 1,889- 64- 21-ABCDE
 K1CLN 1,694- 69- 22-ABD
 WA1NPZ 704- 44- 16-A
 *N1EWB (FN42) 273- 18- 13-ABCD

K1DAT 210- 30- 7-A
 WA1CRE 210- 30- 7-A
 W1XM (AD1C,KX1Z,N1GSC,W1GSL,NØGSZ,ops) 5,766- 133- 31-ABCD

Maine

WA1TRE 14,352- 184- 78-A
 W1PLX 1,200- 50- 24-B
 K1WHS (+AF1T,AV1S,K1MNS,KY1K,WA1NIE, W3HQ7) 123,840- 559- 160-ABCD9EFGI

New Hampshire

WA1OUB 49,491- 383- 117-ABE
 AC1J 11,501- 169- 53-ABCDE
 *KA1LMR 804- 58- 12-ABCD
 KC1HH 196- 28- 7-B

Rhode Island

WA1HYN 6,290- 89- 34-CDE
 *N1EWB (FN41) 225- 18- 9-ABCDE
 W1AQ (K1s AGA,CH,KA1SFJ,KM1X,NH1S,NØ1U, WA1VPC,ops) 15,925- 214- 65-ABCD
 KB1EM (+N1FGJ) 3,120- 120- 26-AB

Vermont

W1AIM 15,048- 157- 72-ABCD
 K1LPS 5,200- 75- 50-ABCD
 KC1MC 925- 34- 25-ABD

Western Massachusetts

N1DPM 37,927- 281- 97-ABCDE
 WA1MBA 9,360- 123- 48-BD9EF
 KA1KJ 9,065- 259- 35-B
 N1QRJ 8,602- 151- 46-ABCD
 NA1W 7,334- 134- 38-BDE

K1ISW 6,860- 134- 37-ABCDE
 *N1DJB 5,372- 131- 34-ABD
 W1NY (W1KK,op) 1,725- 75- 23-A
 K1JG 686- 49- 14-B
 WA3EEC 288- 27- 9-ABCD
 W2SZ1 (K1DH,KA1s DZV,PRT,K1HK,N1FGY,NC1J, WA1s UGE,ZMS,ZYV,K2s JXU,TR,KA2s FWN,LIV, UWD,KB2s DGA,HIG,HQ,KE2NB,N2s BNY,DCM, DU,GXH,HPA,HVC,W2s ARQ,JVF,WA2s AAU, GFP,SCA,SPL,ZPX,WB2s FØB,JSJ,KMY,LUC,WØ2Y, WØ2V,KD3NC,WA3INC,N8AFM,W8USA,ops) 712,897-1549- 281-ABCD9EFGHIJ

2

Eastern New York

N2BJ 68,034- 448- 102-ABCD9E
 K2CBA (WB2DNE,op) 55,675- 335- 131-ABCD
 WA2FUZ 18,088- 187- 78-ABCDE
 WA2BAH 13,115- 177- 61-ABCD
 W2XL 4,773- 99- 43-ABD
 KD2IX 765- 48- 15-BD
 KB2EU 280- 28- 10-A
 KA2MCU 24- 4- 4-ABCD
 AB21 (+AB2J,KC2JS,W2AWX,WA2ID,WB2CWA, WØ2Y) 31,737- 340- 71-ABCD

NYC—Long Island

N2GAZ 25,234- 231- 74-ABCD9E
 WA2EIO 6,897- 125- 37-BDE
 WA2SLY 3,556- 127- 28-B
 WB2KJ 2,717- 143- 19-B
 WB2ZSY 1,463- 77- 19-B
 KA2ZYX 1,328- 64- 16-BD

K2OVS 820- 36- 20-ABD
 N2GHR (K2VL,N2s BFJ,FRB,W2s AAF,HØM,WA2s HTV,ODO,QLL,VØV,WB2s AVE,TOE, YZV,ops) 157,170- 658- 189-ABCD9E
 N2FXE (+N2FXF) 2,304- 85- 24-ABD

Northern New Jersey

N2CEI 48,348- 347- 102-ABCDE
 KA2BTD 12,852- 238- 54-AB
 WB2QOQ 9,240- 264- 35-B
 KD2YL 6,468- 136- 42-ABD
 WA2YU 5,168- 115- 34-ABCD
 WA2LTM 1,824- 36- 16-EF
 NV2D (KA1LHZ,KB2EVB,N2EØV,N2ØM,WE2Z,ops) 85,410- 543- 120-ABCD9E
 K2XR (+K2s JWE,ØWR,KT2B) 26,078- 197- 59-CD9E
 K2BJG (+WB2RFB) 5,643- 107- 33-BCDE

Southern New Jersey

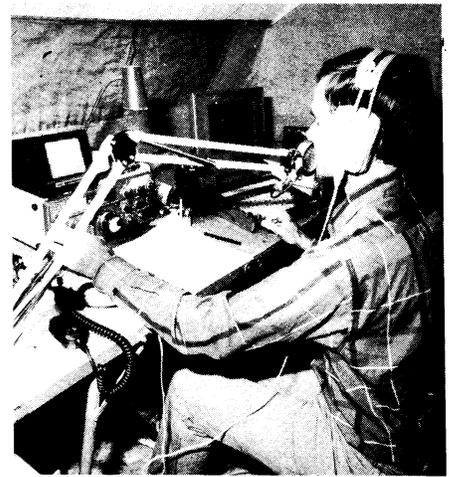
K2TXB 56,842- 477- 97-BD
 W2HRW 19,314- 284- 58-ABD
 WA2ONK 11,180- 195- 43-BD9
 W2PAU 5,940- 106- 45-ABD
 WA2VYA 2,576- 107- 23-ABD
 N2GBY 2,288- 88- 26-AB
 WC2F (+KA2WKA,KC2TA,KY2T,N2ØX,N3GEX) 124,856- 640- 147-ABCD9E
 K2BWR (+K2RJ) 35,524- 220- 107-ABCD

Western New York

N2WK 90,168- 404- 156-ABCD9EF
 WØP/2 76,028- 378- 168-ABCD
 W2CNS 74,745- 360- 151-ABCD



Pictured from left to right are the IA multiop winners at WØRPK: KØVM (432 MHz), W5IMJ (220/1296 MHz), WRØG (144 MHz), NØJAS (logging) and WØRPK (50 MHz).



Ed, K1TR, mans the 220-MHz station at the K1TR multiop setup and helps to pile up the points for a 5th place finish.

WA2TMC 52,338- 317- 122-ABCD9EF
 KD5RO 47,864- 247- 124-ABCD9EF
 K2GK 24,206- 186- 91-ABCDE
 NM2J 21,060- 182- 90-ABCD
 *WB2ELB (FN03) 13,140- 137- 73-ABCDL
 KU2A 11,786- 116- 71-ABCD9E
 WA2BPE 9,870- 141- 70-AB
 *KE2DI (FN12) 3,799- 117- 29-ABD
 WA2MSA 2,910- 97- 30-AB
 W2WGL 2,415- 61- 35-BD
 WB2PSI (WB2QCJ,op)

1,716- 39- 22-C
 KE2DI (FN13) 490- 29- 15-ABD
 N2DM 240- 20- 12-A
 *WB2ELB (FN02) 170- 12- 10-ABCD
 KE2NE 128- 32- 4-B
 N2IDM 51- 17- 3-B
 NA2O 32,239- 227- 103-ABCDE
 K2SPO (+ AF2K,K2MPE,N2TW)
 26,226- 223- 94-ABCD
 N2CZL (+ ops) 4,875- 109- 39-ABD

3

Eastern Pennsylvania

WA2FGK (K2LNS,op)
 166,920- 614- 195-ABCD9EF
 18,557- 241- 77-AB
 WB3ESS 5,096- 91- 29-D
 W3CL 4,653- 97- 33-ABCD
 W3CWG 3,783- 97- 39-B
 KZ3X 2,573- 72- 31-ABD
 *N3FTI 1,472- 55- 23-ABD
 KB3XG 874- 36- 19-ABCD
 KC3ZG 570- 32- 15-BD
 WA3LGG 30- 10- 3-B
 *W2TJ3 16- 4- 4-B
 KA3MLY 12- 3- 2-C

K1TR/3 (+ K1s BA,EA,KA1GD,N1AFQ,NR1E,
 WA1PBU,K3II,KM3T,NU3Y,W3FW,WB3ESS,K5ZD,
 W0W0) 431,613-1138- 273-ABCD9EFGHIJ
 K3YTL (WA1MKE,NA2T,K3MKZ,KA3EEO,KD3G,
 WA3s JWF,JWP,WB3s FAA,FYT,IWZ,ops)
 294,400- 897- 200-ABCD9EFGHI
 K3UZU (+ N3AHF) 8,400- 168- 50-B
 W3GF (+ AC3I,K3s EEL,SQO,N3FYW,WA3SDQ)
 7,956- 148- 51-ABD
 W3HZU (K3GDI,KA3LJL,KB3CU,N3s GPK,GPF,
 WB3AWJ,ops) 5,754- 122- 42-ABD

Maryland—DC

K1RZ 97,110- 440- 166-ABCDE
 W3ZZ 63,142- 374- 131-ABCDE
 W3JP 54,621- 312- 119-ABCD9E
 K3ZO 20,794- 281- 74-AB
 K3NXH 13,310- 242- 55-B
 W3WFM 11,880- 180- 66-A
 K3AKR 7,920- 136- 48-ABCD
 K3YDX 1,680- 84- 20-B
 WA4VHF 1,395- 31- 15-E
 W3TMZ 1,380- 35- 23-BD9
 W3MSN 492- 36- 12-ABD
 W3LMC 330- 30- 11-B
 WI2TJ3 216- 24- 8-BI
 WF4U (+ KB3ZM) 518- 37- 14-B

Western Pennsylvania

WA3DJG 63,325- 343- 149-ABCD9E
 KA3RWP 5,310- 107- 45-ABC
 N13B 2,739- 63- 33-B
 W3KH 851- 28- 23-BDE
 KA3NHF 390- 26- 15-AB
 W3KJM 325- 25- 13-A
 W3CCX/3 (K3ESJ,KA3s MGB,QYH,N2JB,N3CX,
 WB2YEH,WA3s AXV,FFC,JUF,NUF,YUE,
 WB3JYO,ops) 479,740-1014- 332-ABCD9EFGHIJL

W3KWH (KA3KSD,N3EQP,W3SVJ,WA3s FYJ,TTS,
 WB3EML,N180,ops) 229,414- 684- 251-ABCD9EFHI

4

Alabama

WB8RDY 448- 28- 16-A
 WA4VUG 130- 13- 10-B
 WA4CQG (+ KB4OOW,KM4K) 54,576- 341- 144-ABD
 WA4RHK (+ AA4YB,KB4PON,KK4NZ) 5,610- 88- 55-ABD

Georgia

WB4SLM 33,439- 207- 119-ABCD9E
 KX4R 21,271- 174- 89-BD
 WD4AFY 4,284- 70- 51-ABD
 WD4MBK 2,548- 49- 26-D
 W4VHH 231- 11- 7-E
 W4CMA (K4s AEK,WJB,WB4LRA,ops) 48,990- 297- 138-ABDE

Kentucky

AA4FO 19,206- 164- 97-ABD
 N4EQT (+ KA8SSB,N8CRB,W8ULC,WFBZ) 225,216- 668- 272-ABCD9E

North Carolina

N4DT 132,057- 454- 219-ABCD9EFI
 WA1EHL/4 10,728- 113- 72-ABDE
 W4FSO 4,928- 84- 44-ABD
 K4TP 3,040- 80- 38-B
 N2CJP 2,800- 66- 35-ABCD
 KJ4BF (EM85) 60- 5- 5-BE1
 W4BFB (N2AAZ,AA4ZZ,K4s JQU,PDY,WYCK,KA4s
 FSC,KJU,KK4L,W4YPY, WB4s PCS,TLX,
 W4/G4GKK,ops) 36,162- 230- 126-ABDE

Northern Florida

W4NVV 24,289- 227- 107-AB
 WA4JNE 6,099- 98- 47-ABD
 WB4JEM 4,560- 90- 48-ABD

South Carolina

NB4S 4,928- 98- 44-ABD
 KJ4BF (EM95) 184- 13- 8-ABCD9E
 KJ4BF (EM94) 160- 11- 8-ABCD9E
 KJ4BF (EM84) 15- 3- 3-BCD

Southern Florida

WD4MGB 37,392- 291- 123-ABD
 K1FJM/4 35,264- 292- 116-ABCD
 WB2QLP 12,402- 159- 78-AB
 K9RY 10,703- 134- 77-ABD
 WB4BKC 9,028- 138- 61-ABC
 K4KUZ 6,985- 127- 55-A
 N4TL 6,496- 112- 58-A
 WB4MJE 2,952- 91- 24-BDE
 WD4AHZ 2,538- 76- 27-BD
 W4FNR 1,551- 47- 33-A
 N4ILE 1,404- 51- 26-ABC
 K4SC 1,353- 41- 33-AB
 W4FF 660- 55- 12-B
 N2JS 330- 30- 11-B

Tennessee

W2GU 53,856- 251- 153-ABCD9E
 NS4W 51,943- 327- 127-BD
 KF4FL 42,884- 257- 142-ABD
 WB4JGG 40,348- 286- 131-ABD
 N8UM 20,867- 271- 77-B
 K4RWP 6,585- 93- 65-ABD
 WB4MDX 3,920- 56- 35-D
 *KJ4JU 2,964- 65- 38-ABD
 KA4AHU 4- 2- 2-A

KC4YO (+ K4RDD,KB4PIW,KD4XJ,N4RJY,N4TCF,
 WA4GBE,WB4GFO,WD4EWW,ops) 143,994- 520- 233-ABD
 N4VC (+ WB4KNF) 34,545- 200- 141-ABCD9E

Virginia

K2UOP/4 60,762- 344- 123-ABCD9E
 K4LHB 33,784- 229- 103-ABCD9E
 N4MM 26,754- 250- 91-ABD
 KB4OLM 18,204- 186- 82-ABCD
 K9OYD/4 14,948- 163- 74-BD
 K4QIF 8,832- 83- 48-DE
 W4DR 5,555- 101- 55-A
 WA4SBC 874- 28- 19-BCD
 N4KWX 816- 48- 17-AB
 KC4B 768- 48- 16-A
 WA4VXR 697- 41- 17-B
 N4BDH 640- 32- 20-B
 KE8YG/4 442- 26- 13-ABD
 KB4LCI 432- 27- 16-B
 W4IY (K4HWG,KA4CKI,WB4s EY,NFS,K9RI,ops) 31,328- 238- 89-ABCD9EIL
 N4HB (+ WB4BVY) 27,423- 200- 99-ABCD9E
 N4EHJ (+ AB4U) 2,574- 77- 33-ABD

5

Arkansas

K5UR 185,049- 552- 261-ABCD9E
 WB5IGF 22,644- 197- 102-ABDE
 N4QXT/5 740- 37- 20-B

Louisiana

WB5NAA 13,650- 149- 78-ABD
 NA4ZI 10,318- 124- 67-ABCD9E
 W5FYZ 4,452- 106- 42-B
 K5TP 3,196- 94- 34-B
 NSKWB 2,278- 60- 34-BC
 WA5DRK 208- 16- 13-A

Mississippi

NSJYX 7,085- 91- 65-ABCD

New Mexico

W5FF 15,900- 150- 106-AB
 NSJHV 15,364- 167- 92-A
 N5EPA 3,400- 68- 50-AB
 W5IXR 1,961- 51- 37-ABC
 K5MAT 1,952- 50- 32-ABCD
 K5TA 1,457- 47- 31-A
 W5WOX 675- 25- 25-ABD

North Texas

K9MK/5 45,696- 312- 112-ABD9E
 NSWS 30,600- 223- 100-ABD9E
 KM5X 16,954- 173- 98-AB
 WQSS 14,256- 149- 81-ABCE
 WD5K 7,006- 113- 62-A
 AA5AM 5,472- 100- 48-ABCD
 KY5N 882- 42- 21-AB
 WB5AZI 7,085- 99- 65-ABD
 N5MLUJ (+ K5JRN,NQ5X) 714- 42- 17-AB

Oklahoma

K5CM (N5CG,op) 153,468- 501- 252-ABCD9E
 W5NZS 8,001- 94- 63-ABCD
 W5UGO 6,896- 89- 54-BD
 AA5DS 1,944- 72- 27-B
 K5JL (+ AD1S,K5CBL,N5DDB,WA5s ETV,WCP,
 WD5AGO) 233,345- 558- 295-ABCD9EFI
 WB5VYE (+ WA5ZKO) 19,046- 164- 89-ABCD9E

South Texas

NEHHS 63,140- 342- 164-ABCD
 W5SXD 26,775- 207- 119-ABDE
 W5CZI 11,205- 135- 85-A
 KBSIIA 7,085- 109- 65-A
 WDSERG 4,560- 85- 48-ABD
 WSUWB 580- 35- 16-B
 WASS (+ KC5FP) 5,488- 92- 56-ABCD
 KSLZO (+ WB5RUS) 3,168- 72- 44-A
 W5EWH (KA5WSS,KB5JPB,ops) 280- 20- 14-A

West Texas

W5AL 7,910- 100- 70-ABCD
 W8CM 7,825- 109- 61-ABD
 WDSDCZ (+ K5BZH) 544- 26- 16-BD

6

East Bay

WA8LHD 2,756- 106- 28-B
 KD9QE (KB6SL,N16V,ops) 34,967- 360- 73-ABCD
 WB6PFJ (+ WB6LHV) 25,740- 320- 60-ABCD

Los Angeles

W6CPL 51,086- 308- 89-ABCD9EFI
 AA6LJ 5,678- 167- 34-AB
 *N6UII 3,536- 179- 13-BCD
 W6PFE 2,415- 92- 21-ABCD
 *K6LMN (DN04) 2,020- 68- 38-ABCD9EF
 K16BU 1,716- 78- 22-A
 K17MN (DM03) 492- 19- 12-BCD9EF
 K7F/6 427- 61- 7-B
 K8MEP (K2LCT,N3CFX,N6LHZ,N6QOA,WA6DJS,
 WA6FPX,WB2DDH,ops) 114,770- 645- 115-ABCD9EIL
 WB9AJZ/6 (+ KB6FFY) (DM84) 656- 41- 16-AB
 WB9AJZ/6 (+ KB6FFY) (DM83) 170- 17- 10-AB

Orange

K6CH 17,664- 212- 64-ABDE
 W6BFC5 10,017- 131- 63-ABCD
 K6BY 2,666- 59- 31-ABCD
 K16FF 2,058- 98- 21-B
 N6YQ 1,802- 106- 17-B
 K6UNR 1,494- 83- 18-B
 W6XD 1,000- 50- 20-AB
 N6NVF 693- 63- 11-AB
 *W6HCC 220- 11- 5-J
 W6SX 18- 6- 3-B
 K6UY (+ KB6TMW,N6s OWS,RUB,UJM,VDO,VIX,
 WA6BCN,WY6Z,WB9ZDI) 34,276- 313- 76-ABCD9EIL
 N6RMJ (+ N6MI,WA6HX,WB6YYP) 11,914- 121- 74-ABCD9EIL

Pacific

KH6HME 105- 13- 7-ABD
 KH6NIGE 10- 5- 3-A

Santa Barbara

K6HXW 11,554- 145- 53-BCDE
 *K6LMN (CM94) 4,392- 85- 36-ABCD9E
 W6BCN 1,380- 48- 23-ABD
 N6CA (AE6E,AJ6F,K6ZMW,KB6FAA,N6s DBS,DLU,
 KN,LL,V,W6s OSM,YLZ, WA6s MEM,OTU,TMJ,
 WB6KWU,N6KX,ops) 643,920-1601- 240-ABCD9EFGIL

