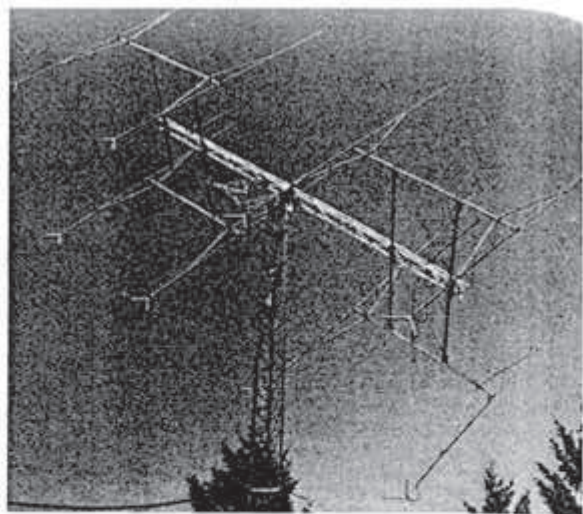


Results, Fifth ARRL EME Competition

By Mark J. Wilson,* AA2Z



The antennas at N7NW

Another increase in activity marked the Spring 1982 ARRL EME Competition. A total of 87 stations sent in entries, but typical of most contests, this number represents less than 50 percent of the stations on during the activity. Still, the number of entries is up from last year's 68. The average QSO total for single-op stations is up, too — 23 this year compared to 19.5 last year and 19 the year before.

The 2-meter band played host to most of the top scores. As expected, KIWHS was the

heavyweight again this year. Dave worked 124 stations on 144 MHz, and still found time to work 8 stations on his new love, 220 MHz. Kudos also to WA1JXN/7 and SM7BAE for fine 2-meter efforts. WB5LUA was rather ambitious this contest, completing 144-, 220-, 432- and 1296-MHz QSOs as a single operator. DL9KR made his usual fine showing on 432 MHz, but his score was a bit lower than last year's. Activity on 220 was up from last year by a few stations, and 1296 was populated by at least 13 adventurous souls. Each year brings more and more activity.

WB0TEM, assisted by WB0PJB, led the

Band Leaders

	Single Op	Multip
144 MHz	KIWHS	WB0TEM
220 MHz	K9HMB	WB0TEM
432 MHz	DL9KR	G4EZN
1296 MHz	G3LTF, SM6CKU	OK1KIR

multiops with a fine effort on three bands, followed closely by YUIAW. K2UYH, winner of the multiop class for the first four years, didn't have the time to devote — partially because of his expedition to KM4Q in Kentucky — and came in third.

The ARRL EME contest is moving to the fall to take advantage of better conditions and to allow for antenna construction during the warm months. If you have any specific suggestions for timing or format, please drop a line to the contest branch at ARRL Hq. Here's your chance to structure the contest as you want it.

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12COR's 8-meter dish for 432 and 1296.



KE5C completed seven QSOs on 144 MHz with this station and four Yagis.



WA1JXN/7 — number 2 single op and "the" station on 144 MHz from Montana.

SOAPBOX

There are so many vhfers in this country that haven't the faintest idea what DX can be worked on 2 M! The real shame is that many of them are at or very near EME capability. Anyone interested in finding out about EME should contact K17D about receiving the *Lunar Letter* and/or listen nightly on 3.818 or weekends at 1600Z and 1700Z on 14.345 for the EME nets (WA1JXN/7). Always a fun contest. Seems to coincide with aurora each year, though. Would like to see states as multipliers rather than districts (N7NW). Aurora and high winds curtailed operating time (G3LTF). Scheduled contacts should not count the same as randoms (N9AB). Faraday rotation made things difficult for a fixed-polarization station (JA9BOH). Obviously, a four-antenna station does not attract callers (DJ5DT). Winds in excess of 100 mph here. Some of the stronger signals were W8ONQ, KIWHS, G4DZU and WA1JXN. I'm impressed with what my four-Yagi station could do, however (WA0LSH). New array going up this summer — 16 x 26-ft boom quagis (W5UN). I stalked WB0TEM for 45 minutes before success at 1:30 A.M.!!! (KB7Q). Only able to operate several hours; copied many stations (WA4MVI). Made my first and second EME contacts ever during the second weekend of the contest! (K8EUR). My results were not terribly exciting, not nearly as exciting as when I put 110 V ac into the 5-V dc bus on my keyer (WA9ACI). First time I heard an EME signal was 15 minutes before the contest started (WB0PJB, opr of WB0TEM). This year, the QRM came from visitors who wanted to hear how signals reflected from the moon sounded (F9FT).

Scores

Scores list: Call, score, stations heard, stations worked, multipliers, band (A - 144 MHz; B - 220 MHz; C - 432 MHz; D - 1296 MHz).

Single Operator

K1WHS	514,800-129-124-33-A	F6CJG	71,400-34-34-21-A	DF7VX	8800-11-11-8-C	F6DRO	100-3-1-1-A	G3WDG (+ G4KGC)	
WA1JXN/7	214,600-84-74-29-A	N4GJV	68,000-83-34-20-A	G4DZU	8800-22-11-8-A	K2QR	100-11-1-1-A		37,800-10-10-8-C
SM7BAE	200,100-89-89-29-A	Y22ME	60,800-40-32-19-A	KB7O	7200-16-9-8-A	KB9NM	100-5-1-1-A		11-11-10-D
WB5LUA	188,000-12-12-11-A	UA1ZCL	55,800-31-31-18-A	K7KOT	7000-10-10-7-A	WASACI	100-10-1-1-A	F6DTE (+ F6EMT)	35,200-89-22-16-A
	2-2-2-B	DK4XI	52,800-37-33-16-A	WB7DTI	6400-8-8-8-A			I2COR (I1NU, I2s TFI, YID, IW2ATM, oprs.)	33,600-21-18-13-C
	24-24-19-C	SM3AKW	51,300-27-27-19-C	JH10FX	6300-9-9-7-C				3-3-3-D
	9-9-8-D	KA8Y	49,400-26-26-19-C	K9XY	6300-13-9-7-A	Multoperator		DF8EME (DJ4UR, DJ8OL, DL5FAU, oprs.)	17,600-14-14-9-C
DL3KR	158,600-86-61-26-C	JA9BOH	47,600-30-28-17-C	VE7BBG	6300-9-9-7-D	WB8TEM (+ WB8PJB)	279,500-48-41-22-A		2-2-2-D
SM2GGF	151,200-70-63-24-A	WB8ONQ	45,900-34-27-17-A	K9HMB	5600-8-8-7-B		26-16-16-C	KM4Q (+ K2UYH, W3HOT, W4UDH)	5400-9-9-6-C
K1HW	143,000-55-55-26-A	WBABN	45,600-37-24-19-C	ZS5NG	5600-8-8-7-C	YU1AW (+ YU1s BB, OAM)	250,800-27-27-15-A	JA4BLC (+ JH4GJY)	900-4-3-3-C
JAC3ZD	125,000-50-50-25-C	YU3USB	44,800-29-26-16-A	KE5C	4900-7-7-7-A		39-39-23-C	N6GN (+ W6SFH, WB8KDF, WB7ABP)	400-15-2-2-C
G3LTF	112,000-28-28-17-C	DJ5DT	43,200-44-24-18-A	WA4MVI	4900-3-3-3-A	K2UYH (+ KA1GT, N3AIH, WA3JUF)	158,100-42-42-23-C	Non-Amateur Equipment	
	12-12-11-D	OK3CTP	43,200-27-27-18-C	UA3TCF	4800-4-4-4-C	G4E2N (+ G3s CWI, YGF, G4JNX)	114,400-44-44-26-C	K3NSS (W1ZX, oprs.)	47,500-25-25-19-C
F8FT (F5SE, opr.)	105,600-44-44-24-C	DL7YC	39,100-23-23-17-C	N6AMG	4200-7-7-6-A	OK1KIR (OK1s DAI, DAK, DKW, AKF, EX, PG, oprs.)	99,900-38-24-16-C		
		K1MN5	34,500-38-23-15-A	UB5JIN	4200-32-7-6-A		14-13-11-D	SWL	
		LX1DB	34,500-18-18-11-C	WB3ESS	3600-12-6-6-C	F8BSJ (+ F8s FTN, GBY, HLC, HLD, F8OP)	73,500-38-35-21-A	VESJO	(1stn - 144 MHz)
			5-5-4-D	WB8PAT	3600-8-6-6-A				
K8RF	92,400-60-42-22-A	K8WW	19,600-14-14-14-C	WA3USC	3000-6-6-5-A				
OH7PI	86,100-41-41-21-A	OH7RJ	19,200-16-18-12-A	K8UDZ	2500-5-5-5-C				
K0IF	85,800-24-24-19-C	WA8LSH	15,400-16-14-11-A	W0VB	2500-6-5-5-B				
	9-9-7-D	VK5MC	14,300-10-10-8-C	KL7WE	1200-7-4-3-C				
KA8B	80,500-39-35-23-C		3-3-3-D	W0RWH	1200-7-4-3-A				
H8SV	80,000-15-9-8-A	SM6CKU	13,200-13-12-11-D	VK6ZT	900-18-3-3-C				
	32-23-17-C	W1JR	10,400-13-13-8-C	W0RAP	900-3-3-3-C				
VE2DFQ	79,000-70-42-19-A	WSUN	9900-11-11-9-A	K8EUR	400-2-2-2-A				
SM8ERR	72,000-36-36-20-C	SM4DHN	9000-10-10-9-D	EA3ADW	100-1-1-1-A				