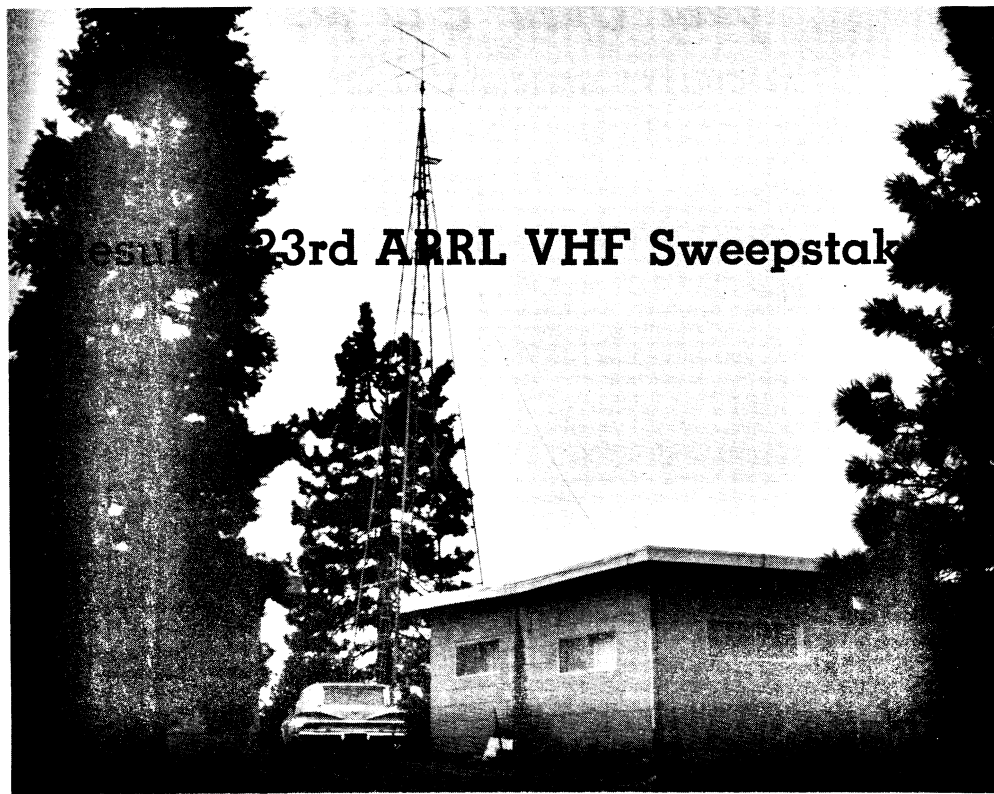




Result 23rd ARRL VHF Sweepstakes

K6YNB/6

REPORTED BY AL NOONE,* WAIKQM/WB6SAZ

IN keeping with what appears to be a long standing tradition for January, we have nothing to boast about, propagation wise, during the 23rd VHF Sweepstakes. Tropospheric conditions were good at times, for the winter period, and activity, as always, was excellent. As far as Sporadic-E was concerned, one avid VHFer comments: "I caught what I believe to be the only such opportunity for this in a flurry of very short duration Saturday night. It netted me an EFLA contact." — W1HDQ.

It was interesting to note the ever increasing amount of ssb activity on 6 meters. On the other hand, it appears we had an unusual high amount of cw activity on the low end of 2 meters. Contacts were plentiful, due in no small part I'm sure to the tremendous club participations.

Some 865 logs were received here at HQ, representing 53 sections of the USA. This is again a slight decrease from the previous year. Could it be possible that the New Year spirit (s) still abounds on January 110-11?

Top Ops

Top single-operator entries are as follows:

K3IPM	46,260
WA3CAG	37,324
WA2FGK (K2LNS,opr.)	27,810
W3ZD	25,488
W3KKN	22,776

*Communications Assistant, ARRL.

Canadian High Scorer:

VE3ASO5720

Top multi-operator entries are as follows:

W8CCI	38,250
W2JKI	34,432
WB2WIK	29,008

Clubs

The *Mt. Airy VHF Radio Club* continues its winning streak, 10th year in a row! Wonder what they do with all their gravels? Re-capturing second place, the *Rochester VHF Group* just managed to squeeze by the *South Jersey Radio Association* who took third. The only other scores over 100K were submitted by the *Mobile Sixers Radio Club* followed by the *Hampden County Radio Association*.

Club entries were again down, 27 vs. 31 in 1969. Did your club compete? If not, why not? There is nothing like all-out participation in a contest to help you to enjoy your hamming more, and to learn more from it.

Hope to see you all next year.

1971 VHF SS
Jan. 9-10

Scores

In the tabulation to follow, scores are listed by ARRL divisions and sections. Unless otherwise noted, the top scorer in each section receives a certificate award. An asterisk denotes a Headquarters staff member, ineligible for an award. Columns indicate final score, number of contacts, number of different sections worked, and bands used. A represents 50 MHz., B 144 MHz., C 220 MHz., D 420 MHz., E 1296 MHz., and up. Multioperator stations are shown at the end of each section tabulation.

ATLANTIC DIVISION			
<i>Delaware</i>			
W3CGV	5016	132-09ABCD	
W3BHG	4488	102-12 AB	
K3NYG	3300	75-12 A	
K3URP	840	28-05 A	
<i>Eastern Pennsylvania</i>			
K3IPM	46,260	771-20ABCD	
W3ACAG	37,324	602-21 AB	
W3ZD	25,488	472-17ABC	
W3KKN	22,776	438-16ABC	
K3IUU	20,300	406-15ABCD E	
W3CL	16,368	372-12ABC	
W3HFY	13,200	330-10ABCD	
WB2LZD/3	12,896	202-22 A	
WA3EYJ	12,204	226-17 B	
K3IJZ	11,968	352-07ABCD	
W3IZU	11,000	250-12ABC	
K3GAS	10,944	288-09ABCD	
K3UJD	10,718	259-11ABCD	
K3EOD	10,870	315-07ABC	
K3QMK	10,692	243-12 AB	
W3BBC	10,692	243-12 AB	
WA3IVY	10,692	243-12 AB	
W3CIU	10,260	285-08ABCD	
W3CCX (W3SAO, opr.)			
W3SAO	10,098	297-07 ABC	
W3GEW	9,064	300-06ABC	
WA3EPS	9,600	300-06 AB	
W3HK	8,600	215-10ABC	
W3MVF	8,600	215-10ABC	
W3AJF	7,744	242-06ABC	
WA3JMM	7,680	240-06 AB	
W3ETB	7,632	239-06 AB	
WA3FCZ	7,260	242-05 AB	
K3KTY	7,232	226-06ABC	
WA3BIV	6,946	151-13 AC	
K3MXM	6,888	246-04ABC	
K3ICX	6,435	215-05ABC	
WA3CND	6,020	215-04 AB	
WA3ERQ	5,954	229-03 ABC	
WA3HIT	5,908	211-04 AB	
WA3ICY	5,852	154-09 AB	
K3HSS	5,472	171-06 AC	
K3CQJ	5,320	190-04ABC	
K3DMA	5,226	201-03 AB	
W3DYL	5,220	145-08 AB	
K3OBY	5,200	200-03ABC	
WA3NLT	5,100	170-05 AB	
W3BN	4,862	143-07 AB	
WA3IFL	4,602	177-03 AB	
K3ZPO	4,590	135-07 AB	
W3NSI	4,560	152-05ABCD	
K3BOY	4,536	162-04 AB	
W3KXH	4,508	161-04 A	
K3ACR	4,340	155-04 A	
WA3MBN	4,340	155-04 AB	
K3AQH	4,060	145-04 AB	
WA3IMT	4,032	144-04 AB	
K3EPB	3,796	146-03 AB	
W3QXV	3,744	144-03 AB	
WA3BHE	3,654	87-11 AB	
K3KMN/3	3,232	101-06 AB	
WA3FOF	3,000	100-05 AB	
W3CXU	2,961	71-11 AB	
W3GS	2,880	96-05 A	
W3PST/3	2,808	108-03 AB	
WA3NVO	2,808	117-02 AB	
K3DLS	2,782	107-03 BC	
W3YXU/3	2,782	107-03 AB	
WA3LGC	2,782	107-03 AB	
W3ZRR	2,568	107-02 AB	
K3ATL	2,448	72-07 A	
W3HYO	2,240	80-04 B	
WA3NGK	2,232	93-02 A	
WA3JSR	2,184	91-02 AB	
K3ZKO	2,080	80-03ABD	
W3BRU	2,080	80-03 A	
K1JDY/3	1,988	71-04 A	
WA3KFT	1,960	70-04 AB	
WA3EVQ	1,920	60-06 AB	
W3WJ	1,680	70-02 A	
K3IYA	1,638	63-03 A	
WA3BHF	1,560	52-05 AB	
W3AWA (W3FOI, opr.)			
W3FOI	1,482	57-03 A	
WA3ETI	1,456	52-04 AB	
K3WGI	1,344	56-02ABC	
K3WGG	1,344	56-02ABC	
W3FGQ	1,344	56-02 A	
K3ZLL	1,300	50-03 A	
WA3GQP	1,272	53-02 A	
WA3LNH	1,272	53-02 AE	
WA3BRV	1,008	42-02 A	
WA3GNV	1,008	36-04 B	
K3SZG	962	37-03 AB	
WA3IEL	960	40-02 A	
W3WJC	858	33-03 AB	
WA3KTV	840	35-02 A	
K3MSV	792	33-02 A	
W3UQC	704	32-01 AB	
K3AA	696	29-02 AB	
W3LRH	598	23-03 A	
K3GZT	576	24-02 A	
W3CXO	576	24-02 B	
WA3EKM	546	20-04 A	
WA3GFZ	480	20-02 A	
W3OHX	442	17-03 A	
K3RQL	418	19-01 AB	
W3WX	374	17-01 A	
K3HIU	352	16-01 A	
K3YIZ	319	15-01 AB	
K3EUH	308	14-01 AB	
K3IJZ/3	308	14-01 C	
W3RAV	308	14-01 AB	
K3MGO	286	13-01 AB	
WA3JZB	264	11-02 A	
K3WEU	192	8-02 A	
K3CBE	176	8-01 A	
WA3APN/3	154	7-01 AB	
WA3GTR	154	7-01 A	
WA3KBH/3	132	6-01 A	
WA3BTE	110	5-01 A	
WA3ICK	66	3-01 A	
WA3KEF	44	2-01 A	
WA3DNC (K3ZSG, WA3FVK)			
WA3DNC (K3ZSG, WA3FVK)			
	20,020	385-16ABC	
K3MTK/3 (multi-op.)			
	19,116	354-17 AB	
K3FYX/3 (+WA3NCW)			
	14,790	255-19 AB	
WA3NCW/3 (+K3FYX)			
	14,790	255-19 AB	

WA3AAN (+K3PGB)	14,148	262-17 A	
K3ZQN (4 oprs.)	8442	201-11 AB	
WA3FAA (+K3JJO)	4770	159-05 AB	
W3DUU/3 (multi-op.)	4194	11-08 AB	
<i>Maryland-D.C.</i>			
WA3APQ	6666	152-12 AB	
W3LUL	4944	103-14 B	
W3KMV	4186	92-13 A	
W3QU	3948	96-11 AB	
W3HB	2814	68-11 AB	
K3FRP	1820	65-04 AB	
W3OTC	1792	56-06 B	
WA3LIU	1778	64-04 B	
W3KUH	1534	59-03 B	
W3PIH	1508	58-03 AB	
W3PZK	1430	55-03 AB	
K3VJH	1170	45-03 B	
W3MHB	1144	44-03 B	
K3NBO	1066	41-03 B	
WA3HGC	1056	44-02 B	
W3QBC	884	34-03 AB	
K3GMB	840	35-02 AB	
W3LVC	840	35-02 B	
W3MSN	832	26-06 AB	
W3GN	756	21-08 B	
K3LZX	672	28-02 A	
WN3NPI	672	28-02 B	
WA3AEA	504	21-02 B	
W3YAG	336	14-02 B	
WA3ELO	221	9-03 A	
WA3JGI (multi-op.)			
	10,560	176-20 AB	
WA3NUL (4 oprs.)			
	6204	141-12 ABD	
W3PGA (6 oprs.)			
	5880	140-11 ABD	
K3IVO (4 oprs.)			
	3196	94-07 AB	
<i>Southern New Jersey</i>			
W2BV	22,320	360-21 AB	
W2EIF	21,580	415-16ABCD	
WB2MTU	19,600	350-18 AB	
WA2EMB	18,225	366-15ABCD	
W2AXU	15,196	262-19ABCD	
WB2SZK	12,958	341-09ABC	
W2FYS	9262	211-12 AB	
W2BLV	8640	160-17 B	
WB2BNE	8322	219-09ABC	
W2TQ	8160	240-07 AB	
W2ZUL	6944	217-06 AB	
W2JAV	6536	172-09ABC	
WB2OAD	6204	141-12 AB	
WA2FVU	6118	161-09 AB	
WA2HYA	5460	195-04 AB	
WA2AXF	5083	150-07 B	
W2KF	4998	119-11 B	
WB2YEH	4248	118-08ABC	
WB2YXP	4160	160-03 AB	
W2ORA	4158	150-04 AB	
W2PU (K4BNC, opr.)			
	4080	102-10 AB	
WB2LWZ	4020	134-05 A	
W2OSD	3900	130-05 AB	
WA2EIV	3888	108-08 A	
K2MZP	3724	133-04 AB	
WA2BIW	3706	109-07 B	
K2DFE	3400	100-07 AB	
WA2CJF	3296	103-06 AB	
WB2NPY	3107	120-03 AB	
W2VX	2970	99-05 B	
WA2MGV	2756	106-03 AB	
WB2UVB	2688	112-02 AB	
WB2VLD	2688	96-04 AB	
K2QPN (K2SQS, opr.)			
	2574	99-03 AB	
WB2IOE	2528	79-06BDE	
WA2HVD	2408	86-04 AB	
WA2YHD	2352	84-04 AB	
W2UCV	2240	70-06 A	
K2EGH	2128	56-09 A	
WA2ONB	2052	57-08 A	
W2SDB	2028	78-03 B	
WB2SPJ	1944	81-02 A	
WB2GFG	1764	63-04 B	
W2ZVR	1638	59-04 B	
WB2ICB	1392	58-02 A	
WB2ZMY	1326	51-03 AB	
WA2KRX	1200	50-02 A	
WB2LXA	1144	44-03 A	
WA2VEY	1131	44-03 A	
W2EWN	1118	43-03 AB	
WB2CIW	1066	41-03 B	
WA2KAV	1032	43-02 B	
WA2KCE	936	39-02 A	
W2BAY	720	30-02 AB	
W2JUG (WA2HJF, opr.)			
	720	30-02 AB	
WA2HJF	624	26-02 A	
WB2EFL	616	22-04 A	
WB2BPL	552	23-02 B	
WB2NYX	480	20-02 AB	
WB2LXA	468	18-03 A	
WB2FDL	360	15-02ADE	
WB2VMD	360	15-02 A	
W2HBE	240	10-02 B	
WB2MNM	120	5-02 A	



Here's the K3IVO gang attempting to install their 2 meter beam at 95 feet in sub-zero weather. Some people will go to almost any lengths to operate in the VHF Sweepstakes!

W2PAU (+W2ESX)	21,492 402-17ABC	WB2WYO	2904 121-02 A	WB2DPT	1430 65-01 B	WB2IUM	506 23-01 A
W2REB (+K2PWV)	13,616 296-13AB	WB2YHD	2794 127-01 AB	WB2MBP	1416 59-02 AB	K2BBJ	484 22-01 AB
W2EPA (+WA2IUF)	7638 203-09 AB	W2DUC	2750 125-01 AB	K2AIG	1386 63-01 AB	K2BRE	484 44-01 A
K2BWR (+K2ZRJ)	5239 85-21 AB	WB2HLI	2706 123-01 AB	K2OPC	1386 63-01 A	K2MPE	418 19-01 AB
WA2DRI (4 oprs.)	4536 126-08 B	W2OWF	2662 121-01 AB	W2WGL	1386 33-11 B	WB2EDT	418 19-01 B
WB2PZF (+WB2IJN)	3640 130-04 A	W2ECH	2600 100-03 AB	WB2LJG	1344 56-02 A	W2ZHB	408 17-02 B
		WB2KCI	2568 107-02 A	WB2FAN	1320 60-01 A	K2OCN	330 15-01 A
		WA2HWC	2520 105-02 AB	W2SRP	1296 54-02 B	WB2FPT	330 15-01 B
		WA2VVK	2508 114-01 AB	K2RQU	1276 58-01 A	K2ACQ	300 10-05 D
		WB2LAD	2472 103-02 AB	K2DHA	1254 57-01 B	WA2UGE	242 11-01 A
		WA2EIX	2472 103-02 A	WB2ZJY	1254 57-01 A	K2UCI	220 10-01 A
		WA2BKV	2392 92-03 AB	K2DZV	1232 56-01 B	WA2VMB (W2QJS, opr.)	
		WA2CJL	2376 108-01 A	WB2MAC	1232 56-01 A		198 9-01 A
		WA2YRH	2232 93-02 A	WB2SNA	1188 54-01 A	WN2LRB	198 9-01 B
		W2SFA	2232 93-02ABD	WB2JGV	1166 53-01 AB	W2EJ	110 5-01 B
K2YCO	11,000 220-15ABCD	W2MCP	2200 100-01 AB	W2FDI	1122 51-01 A	WA2QBD	88 4-01 A
W2UTH	10,080 180-18 AB	WB2QXB	2156 98-01 AB	W2UAD	1122 51-01 B	WB2TJY/2	88 4-01 B
K2YRZ	8004 174-13ABD	K2SQI	2156 98-01 AB	WB2IKR	1122 51-01 A	W2OW (10 oprs.)	
K2CEH	6440 140-13ABD		2068 94-01 AB	W2ICE	1100 50-01 AB		11,004 198-18 AB

Western New York

AFFILIATED CLUB SCORES

Club	Score	Entries	Winner
Mt. Airy V.H.F. Radio Club (Pa.)	500,110	65	K3IPM
Rochester V.H.F. Group (N.Y.)	255,552	121	K2YCO
South Jersey Radio Association	252,800	53	W2BV
Mobile Sixers Radio Club (Pa.)	120,993	31	W3IZU
Hampden County RC Assn. (Mass.)	105,736	61	K1ANF
Talcott Mountain U.H.F. Society (Conn.)	80,865	27	K1YON
Albany Amateur Radio Association (N.Y.)	70,968	57	WA2BAH
Suburban Amateur Radio Club (Pa.)	46,998	6	WA3EYJ
Southern California V.H.F. Radio Club	35,014	13	K6YNB/6
Six Meter Club of Chicago	28,580	16	WA9FIH
1200 Radio Club (Mass.)	26,065	16	K1MUC
York Radio Club (Ill.)	23,770	14	WA9RIJ
Rock Creek ARA (Md.)	23,758	14	W3LUL
Dayton ARA (Ohio)	20,802	10	W8KKF
Reading Radio Club (Pa.)	18,957	19	W3BN
Greater Pittsburgh V.H.F. Society	15,966	16	W3BWU
Queen City Emergency Net (Ohio)	13,046	11	WA8STX
Lake Success Radio Club (N.Y.)	11,796	8	W2TUK
Rancocas Valley ARA (N.J.)	11,066	5	WB2LWZ
Dutchess County V.H.F. Society (N.Y.)	9910	7	K2DNR
Mid-Hudson V.H.F. Society (N.Y.)	7156	3	K2BGU
West Park Radiops (Ohio)	5322	6	K8YYK
West Jersey Radio Amateurs	4386	4	K2QPN
			(K2SQS, opr.)
Tu Boro Radio Club (N.Y.)	3865	3	WA2PMW
Hamfesters Radio Club (Ill.)	3464	3	WA9FXH
St. Louis Amateur Radio Club	2474	3	WAØTXV
Santa Cruz County Amateur Radio Club (Ca.)	1676	3	WB6JON

WA2GCF	5632 176-06 AB	WB2NJE	2016 84-02 AB	WB2HJN	1738 79-01 A	WB2INN	517 24-01 A
WA2ZNC	5066 149-07 AB	K2GMZ	1694 77-01 AB	WB2FDZ	1100 50-01 A	K2ERQ (ll oprs.)	
WA2YTK	4800 150-06 AB	WA2ABQ	1680 70-02 B	WB2ILU	1100 53-01 A		7300 146-15 AB
WB2VUO	4662 111-11 AB	WB2YJH	1672 76-01 AB	WB2YWI	1056 48-01 AB	W2BPE (+WA2s AFG GCX)	
WB2JFL	4564 163-04 AB	WA2EJA	1650 75-01 A	W2EZH	1034 47-01 A		5440 160-07 AB
K2JA	4284 153-04 AB	WB2DCC	1632 68-02 A	WA2AQW	1034 47-01 A	WA2MBW (10 oprs.)	
WA2YPT	4284 153-04 AB	WA2IYZ	1606 73-01 A	WB2AMC	1012 46-01 AB		2794 127-01 B
WA2KND	4264 164-03ABD	K2QWC	1584 72-01 A	WB2LTN	968 44-01 AB	WB2VPY (13 oprs.)	
WB2NFY	4256 112-09 A	DL7KX/W2	1536 64-02 B	WB2NSD	968 44-01 AB		936 39-02 A
K2RHS	4134 159-03 AB	WA2TJS	1518 69-01 A	WA2TDF	902 41-01 AB	<i>Western Pennsylvania</i>	
WA2YEK	4004 143-04 AB	W2UZZL	1464 61-02 B	WA2YFZ	858 39-01 A	K3NPY	9248 136-24AD
W2QY	3952 152-03 AB	WB2CMR	1464 61-02 AB	WB2RZL	832 32-03 AB	W3BWU	3654 87-11 AB
W2VVG	3900 150-03 AB	W2ECM	1452 66-01 AB	W2DYY	792 33-02 B	WA3HUR	3612 86-11 A
W2ALL	3556 127-04 AB	WA2FKW	1452 66-01 AB	WB2HOI	792 36-01 A	K3AKR	2645 59-13 AB
WA2THS	3388 121-04 AB	WA2EJY	1991 91-01 AB	K2YAH	748 34-01 A	WA3ANO	1890 63-05 A
W2MPM/2	3330 111-05 AB	WB2LZM	1958 89-01 AB	WA2MQN	728 26-04 AB	W3DJM	1456 52-04 A
WA2GJL	3304 118-04 B	WA2BEH	1914 87-01 AB	WB2RVV	726 33-01 A	K3CFY	1360 40-07 B
K2WW	3276 126-03 AB	WA2EKR	1914 87-01 AB	WA2IVN/2	682 31-01 AB	WA3BNO	1358 49-04 AB
WA2FVG	3144 131-02 AB	WA2ALW	1782 81-01 AB	W2EMX	660 30-01 B	WA3MQX	1188 33-08 A
WB2ZFS	2992 136-01 AB	WB2KWZ	1782 81-01 AB	W2FHS	660 30-01 B	WA3IRE	1092 42-03 AB
K2RZI	2948 134-01ABD	WB2MAB	1782 81-01 A	WB2EID	616 28-01 A	WA3DLY	910 35-03 AB
WB2KUY	2928 122-02 AB	WB2KYQ	1760 55-06 B	K2ZRX	576 24-02 AB	WA3KYC	858 33-03 B
				WB2WBZ	572 26-01 B	WA3GSH	806 31-03 A

W3IOH 720 30-02 A
K3FIW 702 27-03 A
K3MRH 650 25-03 A
K3NOA 594 27-01 B
WA3LOM 504 18-04 A
K3QBI 418 19-01 A
W3EUV 220 10-01 A
W3KVS 192 8-02 A
W3KWH (5 oprs.)

7398 137-17ABD

CENTRAL DIVISION

Illinois

K9HMB 16,450 235-25ABD
G3PAC/W9 8320 260-06 AB
WA9FIH 6300 210-05 AB
WA9ENM 5780 170-07 AB
WA9RIJ 3840 128-05 AB
WA9QPM 3696 132-04 AB
K9ZUW 3504 146-02 ABC
K9ZVW 3504 146-02 ABC
W9BGX (WA9ULU, opr.)

3416 122-04 AB

K9ENZ 2800 100-04 AB
WA9FXH 2632 94-04 B
W9DIJ 2522 97-03 AB
WA9NRI 2380 85-04 B
WA9ZNI 2160 72-05 B
WA9UCX 1968 82-02 AB
W9ABA 1856 58-06 B
WA9ZGF 1800 75-02 AB
WA9RSH 1656 69-02 B
WA9TZH 1512 63-02 B
K9DTB 1344 42-06 AB
WA9YZO 1224 51-02 B
WA9GUE 1222 47-02 AB
W9ZYL 1200 50-02 B
K9YIQ 1188 54-01 AB
WA9SDT 1176 49-02 AB
WA9NXM 1056 48-01 AB
W9PMJ 990 45-01 AB
K9ONA 968 44-01 AB
W9ZSQ 946 43-01 AB
W9GYN 888 37-02 B
WA9BMC 880 40-01 A
WA9NTA 840 35-02 A
WA9RER 748 34-01 AB
WA9WJB 748 34-01 A
W9EET 744 31-02 B
WA9IRZ 704 32-01 AB
W9KBU 576 24-02 B
WA9ZYG 552 23-02 B
WA9OWF 550 25-01 AB
WB9BGY 550 25-01 AB
K9DKI 462 21-01 A
WA9IWU 440 20-01 AB
WA9MSZ 392 14-04 A
W9WIC 352 16-01 A
WN9CLQ 312 13-02 B
WA9NFW 308 14-01 B
WA9YFB 176 8-01 A
K9S2T 154 7-01 AB
WA9FIH/9 110 5-01 AB

Indiana

WA9MEF 4256 112-09 AB
W9GMJ 1800 60-05 B
K9LSB 1428 42-07 A
WA9YXA 798 29-04 A
W9BZN/9 (6 oprs.) 2006 59-07 A

DAKOTA DIVISION

Minnesota

K9GYO 672 28-02 A
WA9SBZ 672 28-02 A
WA9DMS 264 12-01 AB
W9LUV 88 4-01 A

DELTA DIVISION

Mississippi

WA5RMS 2928 61-14 AB

Tennessee

K4IUV 5616 104-17 AB
WB4CXC (4 oprs.) 3582 100-08 AB

GREAT LAKES DIVISION

Kentucky

K4WYN 870 29-05 A
K4DEZ 336 14-02 AB
W4PII 144 6-02 A

Michigan

WB8BGY 4522 119-09 AB
WA8YYW 2296 82-04 B
WA8VNI 1410 47-05 AB
W8CVO 1118 43-03 ABD
WB8AQZ 975 75-03 B
K8AJC 682 31-01 A
WA8EOW 360 12-05 A
K8WEX 88 4-01 AB
W8SH (5 oprs.)

4320 108-10 AB

Ohio

W8KKF 5746 169-07 AB
WA8STX 4608 144-06 AB
WA8LOW 3120 78-10 AB
W8HQK 2520 90-04 AB
K8YYK 2444 94-03 AB
WA8BOB 2380 85-04 AB
K8BPB 2340 78-05 A
K8VAK 2132 82-03 AB
K8MMH 1210 55-01 A
WA8AUO 1176 49-02 A
W8JRN 1100 50-01 AB
WA8ZUQ 1056 44-02 A
WA8ZHE 1008 42-02 A
WB8FOZ 990 45-01 A
WA8YHN 952 34-04 AB
WA8MVV 924 33-04 B
WA8TYF 650 25-03 AB
WB8AFF 552 24-02 B
WA8COA 504 21-02 A
W8SVU 484 22-01 AB
WA8BNW 480 20-02 AB
WA8VBK 480 16-05 A
W8CHT 456 19-02 A
W8BOV 396 18-01 B
W8TDY 374 17-01 B
W8BZN 286 13-01 AB
W8DPW 242 11-01 B
W8TQS 242 11-01 AB
K8DZR 132 6-01 A
K8OGH 110 5-01 A
W8IDM 66 3-01 A

W8CCI (6 oprs.)

38,250 425-35 AB

W8RXM/8 (5 oprs.)

6688 176-09 AB

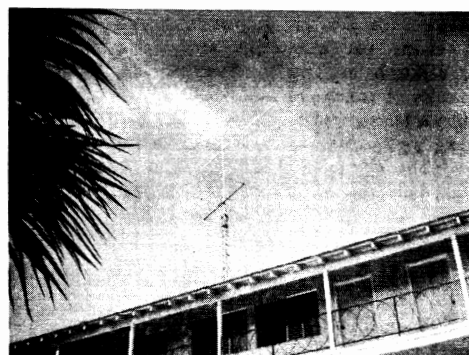
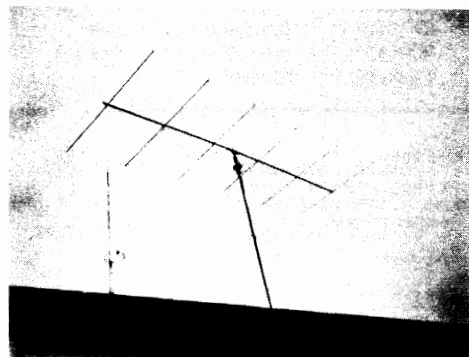
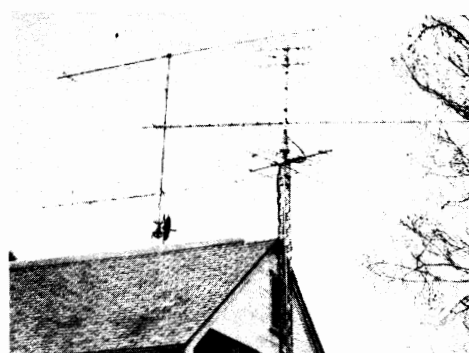
W8VND (WA8s CKB DFD JXM)

2816 88-06 AB

HUDSON DIVISION

Eastern New York

WB2SIH 18,618 321-19 AB
WA2BAH 7326 167-12 AB
W2CRS 6380 110-19 ABC
K2BGU 6350 127-15 AB
K2DNR 5400 100-17 B
WA2DTE 5060 110-13 AB
WB2AAX 3648 76-14 AB
WB2VLM 3629 96-09 AB
W2BFZ 3488 109-06 B
WA2VUO 3040 80-09 AB
WB2GXF 2646 63-11 AB
WA2MCP 2204 58-09 AB
WA2WSY 2070 69-05 AB
WB2MHM 1904 68-04 AB
WB2SWA 1736 62-04 AB
K2GSF 1600 50-06 B
WB2JBT 1548 65-02 AB
K4GXV/2 1500 50-05 A
WA2OYV 1368 57-02 AB
WB2LZU 1272 53-02 AB
WA2EAH/2 1110 37-05 AB
WA2MGU 1104 46-02 AB
WA2GGD 1092 42-03 AB
WB2TDN 1034 47-01 AB
WA2JWO/2 1032 43-02 AB
WA2BQP 980 35-04 AB
WA2LZU 968 44-01 AB
W2CDQ 960 40-02 AB
WA2GXM 960 40-02 AB
W2DSK 884 34-03 A
WA2BFJ 728 28-03 A
W2FEN 720 30-02 B
K2ACB 696 29-02 AB
WA2LNX/2 672 24-04 AB
W2HZZ 640 20-06 B
WB2BPS 624 26-02 B



From top to bottom, the antennas above belong to WA3DNC, K6GSS and WA8ZHE.

WB2HXZ	616	22-04 B		
WB2ZCM	600	25-02 B	WA2ETB	286 13-01 AB
WB2HWU	550	25-01 B	WB2VEQ	286 11-03 B
WB2JLR/2	550	25-01 B	K2KXS/2	264 11-02 AB
WB2HIH/2	540	18-05 AB	W2KVN/2	240 10-02 AB
WN2JWR	528	24-01 B	WB2SWF	220 10-01 A
WB2ICZ	520	20-03 AB	W2AWF	192 8-02 B
K2ECJ	506	23-01 B	WA2HAQ	168 6-04 B
WB2VJB	506	23-01 B	WB2OGN	154 7-01 A
W2IP	480	15-06 AB	WA2UWL/2 (WA2BRA, opr.)	144 6-02 AB
WB2BDG/2	468	18-03 AB		132 6-01 B
K2BUF	456	19-02 B	W2KBH	110 5-01 B
WA2BER	440	20-01 B	W2KVN	110 5-01 A
WA2VQZ	385	18-01 A	WB2PNB	88 4-01 A
K2CT/2 (WA2VQZ, opr.)	374	17-01 A	WA2LNX	66 3-01 AB
	374	17-01 A	WB2PNB/2	44 2-01 A
K2ARO	330	15-01 B	WA2JIK	44 2-01 A
K2UKE	308	11-04 B	WA2KCB	44 2-01 A
W2IWI	286	13-01 B	WB2RYZ/2	44 2-01 A

Division Leaders		
Single Op.		Multiop.
K3IPM	Atlantic	W2PAU
K9HMB	Central	K9YHB
KØGYO	Dakota	
K4IUU	Delta	WB4CXC
W8KKF	Great Lakes	W8CCI
WA2FGK	Hudson	W2JKI
KØTLM	Midwest	
K1ANF	New England	W1HPM
K7WXW	Northwestern	K7BBO
W6VMY	Pacific	WA6JUD/6
K4SUM	Roanoke	WA8FSE/8
WØMTK	Rocky Mt.	WØSKH/Ø
W4GDS	Southeastern	WA4GHK/4
K6YNB/6	Southwestern	K6BPC
W5RAG	West Gulf	K5WVX
VE3ASO	Canadian	

W2JKI (7 oprs.)
34,432 538-22ABCD
W2YPN (WA2s EAH JSN,
WB2HHH) 7406 161-13 AB
VK1ZAR/W2 (5 oprs.)
6138 171-08 AB

WA2BRA (W2CDQ, WB2s, DXM
PNB) 792 36-01 AB
WA2HRE (+WA2YOV)
476 17-04 AB
K2BUV (W2GTI, WB2s,
JLR VJB) 384 16-02 AB

New York City - Long Island
K2RTH 18,942 287-23 AB
WA2BBS 11,310 195-19 AB
WB2MZE 8528 164-16 AB
WA2DPF 8000 200-10 B
W2TUK 6204 141-12 AB
WA2FUZ 4200 105-10 AB
WB2GWU 4032 112-08 AB
K2DUX 3552 74-14 A
WA2EXP 3320 83-10 ABC
WA2PMW 2550 75-07 B
W2KKG 2130 71-05 B
W2NBI 1728 54-06 B
WB2UZU 1680 56-05 AB
WB2TUT 1428 51-04 B
W2QAN 1232 44-04 ABC
W2BNS 1230 41-05 B
K2HGR 795 27-05 B
W2ZPG 640 20-06 B
W2TNI 546 21-03 B
WA2MXB 520 20-03 B
K2JWT 150 5-05 B
WA2YKH 66 3-01 B
W2AEE (4 oprs.)
10,460 263-10 AB

W2RAK/2 (4 oprs.)
4250 125-07 AB
K2MYR (+WB2OGD)
3276 91-08 B

Northern New Jersey
WA2FGK (K2LNS, opr.)
27,810 515-17 AB
W2UK 5394 93-19 B
WA2BNF 2958 87-07 AB
W2AQT 2880 72-10 B
W2CVW 2736 76-08 ABCD
W2ZZ 2112 66-06 B
WA2JXE 1848 66-04 B
WA2RIN 1428 51-04 B
WB2EZI 1036 37-04 B
WA2FAX 858 33-03 AB
K2ROP 576 18-06 A
W2TLJ 234 9-03 A
WA2FUI 140 5-04 B
WB2WIK (+WA2PBN)
29,008 392-27 AB
WB2GKE/2 (9 oprs.)
26,725 536-15 AB

W2FCL/2 (4 oprs.)
13,731 299-13 AB
K2GE (multi-op.)
5960 149-10 ABCD

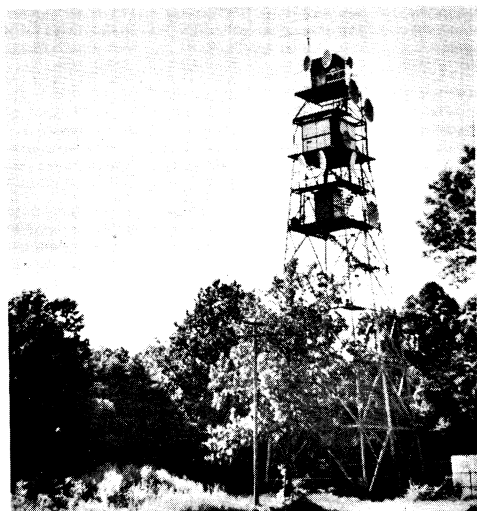
MIDWEST DIVISION

Iowa
WØPFP 1508 29-16 A
WAØQFH 196 7-04 A
Missouri
KØTLM 2071 55-09 A
WAØTXV 1296 54-02 AB
WAØCNS 650 25-03 AB
WØAVN 528 22-02 B
Nebraska
WØICO 1344 33-11 A
WØEKB 1000 25-10 A

NEW ENGLAND DIVISION

Connecticut
WHDDQ* 11,542 201-19 AB
K1PXE 11,259 211-17 BD
K1YON 10,098 187-17 AB
W1FQY 7968 166-14 AB
WA1JLD 6300 126-15 B
WA1IJQ 5680 142-10 AB
K1ZFE 5300 107-15 A
WA1ISD 4800 120-10 B
K1TSD 4540 114-10 AB
K1ZIH* 4368 104-11 AB
K1SBM 3312 92-08 A
WA1BXI 3060 90-07 A
WA1KMS 3040 95-06 A
K1HTV 2860 66-12 B
WA1GET 2664 74-08 AB
K1RBS 2528 79-06 B
WA1HUE 2280 60-09 B
WA9HHH/1* 2112 48-12 AB
WA1LIO 2016 63-06 A
WA1GOI 1792 56-06 B
W1LL 1710 45-09 A
WA1IND 1695 57-05 A
W1PHR 1664 52-06 B
WA1GMN 1596 42-09 B
K1KKK 1400 50-04 A
K1RKL 1290 43-05 B
WA1FFO 1183 46-03 B
1024 32-06 AB
WA1GTP 928 29-06 AB
W1QVF 912 38-02 AB
W1DZA 840 30-04 B
K1BGG 812 29-04 A
WA1IAO 720 30-02 B
K1PYU 672 28-02 B
W1RNT 600 25-02 B
WB2SEZ/1 572 22-03 A
WA1ISF 516 23-02 A
W1FHK 384 16-02 B
WA1CRS 312 13-02 A
W1KXM 286 11-03 A
W1EMP 252 9-04 D
W1CNI 240 10-02 B

W1CNI/1 240 10-02 B
WA1IVD 168 7-02 A
WA1IED (6 oprs.)
12,177 226-17 ABCD
WA1IOX (4 oprs.)
5808 132-12 AB
Eastern Massachusetts
W1EUJ 9016 161-18 ABC
K1MUC 5656 101-18 AB
WA1GVH 4914 117-11 A
W1EXC 4320 91-14 A
K1CHY 4048 127-06 ABC
WA1LFS 2368 74-06 AB
W1AGN 980 35-04 A
W1EZA 980 35-04 A
K1TRL 910 35-03 AB
WA1BLS 780 30-03 A
WA1IUR 780 30-03 AB
WA1KSJ 720 30-02 A
K1CQX 650 25-03 A
W1JVL 520 20-03 B
W1CHF 481 19-03 A
K1NZQ 220 10-01 AB
WA1JLX 192 8-02 A
WA1JPU 132 6-01 A
W1MX (WA2KZV, K4FFI,
WA4TTG) 8400 170-15 ABC
W1DC (K1NZQ, W1BXI)
2304 72-06 A
K1UGE (7 oprs.)
2268 81-04 AB
WA1LWI (6 oprs.)
2040 70-05 A
W1HPM (8 oprs.)
14,700 249-20 AB
Rhode Island
K1IKN 6032 116-16 A
W1CPC 1380 46-05 A
K1AGA 924 33-04 B
Vermont
WB2GLQ/1 2646 63-11 AB
K1GYT 2600 65-10 AB
W1AJB 570 15-09 A
WA1JXN/1 156 6-03 B
Western Massachusetts
K1ANF 13,862 239-19 AB
Maine
WA1HWC 1616 51-06 AB
New Hampshire
K1UHY 13,440 192-25 A
W1JSM 2640 55-14 B
W1VXV 990 33-05 AB
WA1GDR 624 24-03 AB
WA1HHN 13,122 243-17 AB
K1DYL 5460 130-11 AB
K1BNS 4140 115-08 AB
WA1IEK/1 3360 112-05 AB
W1NY 3328 104-06 AB
WA1ECR 3196 94-07 B
WA1IJUJ 3094 111-04 AB
K1NJC 2720 80-07 AB
W1ALL 2688 96-04 AB
K1BZM 2652 78-07 AB
W1UPH 2516 74-07 B
W1STR 2430 82-05 AB
WA1KJI 2052 54-09 A
W1CJX 1860 62-05 AB
WA1CYK 1794 69-03 B
K1LDT 1716 66-03 B
K1ESN 1680 70-02 AB
WA1FKE 1680 70-02 AB
W1UKR 1666 49-07 A
W1KK 1586 61-03 AB
WA1JYB 1586 61-03 AB
K1EPI 1560 60-03 B
WA1LFR 1540 55-04 A
K1ANX 1488 62-02 B
W1MDM 1482 57-03 AB
K1RPB 1440 40-08 AB
WA1GOK 1430 55-03 AB
K1CZZ 1428 51-04 B
W1IUB 1400 50-04 B
W1FMF 1344 48-04 AB
WA1GZO 1296 54-02 AB
K1WXU 1232 44-04 B
W1IC 1176 49-02 B
K1PMK 1104 46-02 B
K1FUG 1068 45-02 B
K1CYG 1056 44-02 B
WA1HLC 936 39-02 B
W1GOP 864 36-02 B
WA1IZS 798 29-04 AB
W1OBQ 792 33-02 B
W1RDC 768 32-02 B
W1KUL 728 28-03 A
WA1IUI 720 30-02 B
W1MOK 600 25-02 B
WA1GVV 552 23-02 B
W1CJX/1 528 22-02 B
K1HYL 456 19-02 B
W1UFP 456 19-02 B
W1DSI/1 384 16-02 B
W1NDW 384 16-02 B
WA1IZS/1 336 14-02 B
K1BZM/1 312 13-02 B
W1IUB/1 312 13-02 B
W1QWJ 308 14-01 B
K1SJI 288 12-02 A
WA1EPH 132 6-01 B
W1KK/1 120 5-02 B



WA2FGK (K2LNS, opr.) was located at Zion Mtn. in Central New Jersey. How's this for an ideal QTH?



Helping to keep NNJ on the map, we have WA2BNF who managed 87 contacts in 7 sections.

K6IBY	2058	49-11 ABC	<i>Southern Texas</i>	
WA6FIT	2016	84-02 B	W5RAG	2090 48-12 A
WB6VZY	1638	63-03 ABCD	W5HNNK	1760 44-10 A
WA6MKN	234	9-03 B	CANADIAN DIVISION	
<i>San Diego</i>				
W6NLO	4212	117-08 AB	<i>Quebec</i>	
WA6HOT	770	28-04 AB	VE2AIO	1650 33-15 A
<i>Santa Barbara</i>				
WB6WKC	360	15-02 A	<i>Ontario</i>	
WEST GULF DIVISION			VE3ASO	5720 130-12 ABD
<i>Northern Texas</i>			VE3CWT	1980 55-08 BCD
WA5LUM	1166	53-01 A	VE3DNR	962 37-03 B
WA5ZUC	792	36-01 A	VE3CRU/3	812 29-04 ABD
WA5CKF (6 ops.)	2520	90-04 AB	VE3CMM	744 31-02 B
			VE3AQT	132 6-02 B
<i>British Columbia</i>				
<i>Oklahoma</i>			VE7AZG	744 31-02 B
WA5OUU	1036	37-04 AB		
K5WVX (+W5WAX)	3080	55-18 A	<i>Check Logs: WA3CZX, K4GL, WA1SS, WB4OOL, WA6BQQ.</i>	
DET				

QST

Strays

FREQUENCY MEASURING TEST FEBRUARY RESULTS

The February 14, 1970 FMT, open to all amateurs, brought entries from 140 participants who made a total of 777 measurements. Of these 68 ARRL Official Observers submitted 349, and 72 Non-00s made 428 readings. All Observers have received individual reports of their readings. The standings accredited to the more precise in each group appear below; all listed show ability of the highest order in Frequency Measurement.

Following is a report of the standing of the FMT leaders in this test. In consideration of the minimum possible error, due to 'doppler' and unavoidable factors, we accredit as of equal merit all those reports shown below computing 4/10th parts per million or higher accuracy. Our direct comparisons with the umpire's readings otherwise establish this order of listing. August QST will announce details on the next ARRL FMT.

OBSERVERS

W1BGW W2AIQ WA2KSB W3BFF W3NNC
W3PYW W4CMP W4JUI W4NTO W4TOY
W5FMO W6CBX W6RQ W7UXZ W8GRG.

NON-OBSERVERS

W1EO W1PLJ W2BQK K3LPP W4EPU
W4EV W4FMW WB4MFA W5UJF WB6AAL
K6MZN W7EJD W8NWU W9CAA K9KRW
W9MNY W0CFY W0WNY/9 VE8OK R, Ireland.

The Post Office Department promises faster mail service with Zip codes. Use yours when you write ARRL. Use ours, too. It's 06111.

W1LS	96	4-02 A	WB4LDO	616	22-04 AB
W1UPH/1	22	1-01 B	W4ZZ/4 (+K4s MIJ MOU)		
K1PYX (+WA1KFN)	4512	94-14 A		2448	72-07 AB
K1QMV (+W1DGJ)	1200	50-02 B	<i>South Carolina</i>		
WA1IAM (+WA1IAN)	1110	37-05 A	W4VHH	450	15-05 BD
NORTHWESTERN DIVISION			WB4BVF	210	7-05 A
<i>Idaho</i>			<i>Virginia</i>		
K7LWE/7	72	3-02 A	K4SUM	5586	147-09 ABD
<i>Oregon</i>			K2UOP/4	3276	91-08 AB
K7WXW	2016	77-04 AB	<i>West Virginia</i>		
K7ZCB	1104	46-02 AB	W8TTU	3344	76-12 AB
<i>Washington</i>			W8AEC	893	24-09 B
WA7JBG	1254	57-01 A	WA8FSE/8 (5 ops.)	3816	107-08 AB
K7GWE	1152	48-02 A	ROCKY MOUNTAIN DIVISION		
WA7FHG	1056	44-02 A	<i>Colorado</i>		
WA7NGR	902	41-01 AB	W0MTK	1540	37-12 A
K7IDX	462	21-01 B	W0AJY	1400	50-04 AB
W7AXS	308	14-01 AB	WA0YSK/0	176	8-01 B
WA7LDN	308	14-01 A	W0SKH/0 (4 ops.)	1312	41-06 AB
WA7JEG	264	12-01 AB	<i>New Mexico</i>		
WN7LZE	44	2-01 B	K5EFW	864	24-08 A
K7BBO (+WA7MZK)	2990	115-03 AB	SOUTHEASTERN DIVISION		
W7SBC (8 ops.)	858	39-01 AB	<i>Alabama</i>		
PACIFIC DIVISION			K4WHW	988	38-03 A
<i>East Bay</i>			WB4EOW	300	13-02 A
W6YKM	1836	54-07 AB	<i>Eastern Florida</i>		
WA6OKQ	900	30-05 A	W4GDS	6060	101-20 A
WN6LUS	416	16-03 B	W4OJU	3312	72-13 AB
WN6LUV	208	8-03 B	K4PKV	2775	55-15 ABCD
WN6CCM	182	7-03 B	W4ZVX	990	45-01 B
WA6JUD/6 (+WA6s JLF JLD)	6570	219-05 AB	K4NTD	456	19-02 ABCDE
<i>Sacramento Valley</i>			WA4GHK/4 (4 ops.)	1176	49-02 ABCDE
W6DOR	1092	39-04 AB	<i>Georgia</i>		
WA6CXB	768	32-02 AB	WA4NJP	3168	72-12 AB
WB6MZX	504	18-04 B	WA4OSR	1080	31-08 A
W6SI	288	12-02 B	<i>West Indies</i>		
WB6ATZ	234	9-03 A	KP4DFH/KP4	638	29-01 AB
<i>San Francisco</i>			SOUTHWESTERN DIVISION		
K6TFT	1428	51-04 B	<i>Los Angeles</i>		
<i>San Joaquin Valley</i>			K6SSN	5890	155-09 AB
WA6CPP	1170	39-05 AB	WB6FSE/6	5358	141-09 AB
<i>Santa Clara Valley</i>			WA6KIK	1764	63-04 A
W6VMY	3060	102-05 B	WB6TSM	1708	61-04 ABCE
K6GSS	2976	93-06 AB	WA6ARC	1596	57-04 AB
K6DTR	2070	69-05 AB	WB6YVP/6	1596	57-04 AB
WB6JON	930	31-05 AB	W6GIMV	1020	34-05 AB
W6KQG/6	810	27-05 A	WA6ZNP	984	41-02 A
K6BDK	570	19-05 A	WA6JOK	110	5-01 A
W6KHS	176	8-01 B	WB6SZD	66	3-01 A
W6PIY/6 (8 ops.)	3600	120-05 AB	K6BPC (K6QPH, WA6ZNP)	3724	133-04 AB
ROANOKE DIVISION			<i>Orange</i>		
<i>North Carolina</i>			K6YNB/6	12,300	308-10 AB
WB4CES	756	32-02 AB	WA6JRA	3150	88-08 A
W4EPV	624	26-02 A			