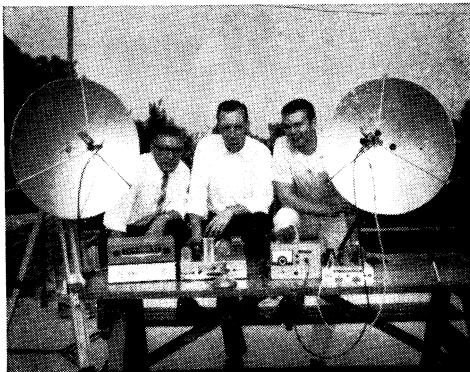


## **Best 50-Mc. Conditions Ever Send All Records Tumbling**



Part of the crew of W3WJC/3, with the two 10,000-Mc. stations used. Left to right, K3KRU, W3WJC and K3ABS. Operation was in a pavilion on Mt. Penn, Reading, Pa. Eleven operators worked 457 stations on 50, 144, 220 and 10,000 Mc. for 27,780 points.

**T**HROW away the book on spring and fall v.h.f. parties — we start over in every record category in reporting the activities of June 10-11, 1961! Booming v.h.f. interest everywhere, and a continent-wide sporadic-E opening that ran almost continuously for the whole contest week end combined to rack up new highs in activity, geographical coverage, scores, section multiplier totals, number of portable stations in the field. Check any category you can think of and you'll find nothing in the 22-year record of v.h.f. parties sponsored by ARRL to equal the June, 1961 affair.

The 558 valid logs exceed the largest previous spring-fall total by a wide margin. Whopping section multipliers (120 stations in all parts of the country had 35 or better) boosted scores to astronomical levels. Only seven of all the ARRL Sections are missing from the tabulation, and only Alaska, Hawaii and Canal Zone cannot be found in one or more logs. Participation? Approximately one-third of all entrants are portable or multiple-operator stations. A check of the latter shows that they average just over six people per station, so the official entries alone account for some 1200 hams busy on the v.h.f. bands. Add the undetermined (but considerable) number who join in the fun but don't send in logs, and you begin to see how large the world above 50 Mc. is growing these days.

Few portable setups for Field Day, 2 weeks later, would rival that assembled on Pack Monadnock Mountain, Peterboro, N. H., by the Waltham Amateur Radio Association, W1MHL/1. Tackling logistics problems not unlike those of a small army setting out on maneuvers, these fellows outdo themselves and all rivals, year after year. W1DDN supervised and coordinated the entire operation. W1DDF handled the 50-Mc. department, supplying his v.f.o.-controlled 4-400A rig, converter and 75A-4 receiver, plus stacked 5 element Yagis. He and a staff of three expe-

## **June**

### **V.H.F. Party**

### **Summary**

rienced contest operators worked 581 stations in 48 ARRL Sections, a total not approached any other 6-meter effort of the contest. W1QXX ran the 144-Mc. show, furnishing his 600-watt 4X250B rig, converter and HRO-50, and a 44-element array. He and his three-man staff worked 439 stations in 15 sections, also completely outclassing any other 144-Mc. effort. W1GEF provided a 200-watt 220-Mc. station, converter and HQ-170, and a 44-element array, and with the help of W1DDN and W1OOP worked 33 stations in 11 sections. W1PZA handled the 432- and 1296-Mc. departments, with a 4X250B on 432 and a 2C39 tripler to 1296. These, his converters, and his HQ-129 were tied to a 64-element array for 432 (W1QMN) and 4-foot parabolic antenna supplied by W1OOP. The 20-in-9 and 9-in-3 turned in by the u.h.f. setups didn't hurt the W1MHL total one bit.

A new feature this year was separate spotting positions for 50 and 144 Mc. These completely separate receiving setups had their own beams and their operators ran down new calls and sections and fed this information to the communicators. Did it pay off? W1MHL/1 worked 1082 stations and ran up a section multiplier of 86, for 99,158 points! The reward for this effort is slim — a piece of paper declaring them winners in the multiple-operator class in the New Hampshire section. More important than the wallpaper, of which WARA already has plenty, is the satisfaction of having done a tremendous cooperative job — one that no group will ever surpass by a mere stroke of luck. They were lucky this time, in that conditions were favorable to an extent never before encountered, but W1MHL was "there firstest with the mostest," as they have been many times over the years, ready to do a topnotch job, come what may!

Leading this league is no pushover for W1MHL. They have had some nearby competition in several contests from the Merrimac Valley Radio

Club, W1NBN/1, and this party was no exception. Using somewhat similar tactics, but not so large a staff, W1NBN/1, atop Mt. Wachusett, Princeton, Mass., worked 774 stations on 50-1215 Mc., and amassed a multiplier of 81, for 67,473 points. W2PEZ/2, Northern New Jersey, had 630 — 74 — 49,728, also on the same bands. Other all-out portable efforts included those of W3JZY/3, Md.-Del.-D.C., W3WJC/3, E. Pa., W2LWI 2, E. N. Y., WA6AJT/6, Santa Barbara section, W6NSN/6, Los Angeles section, and scores of others.

The top score by a single-operator station was also turned in by a portable, W1UIZ/1, atop Mt. Equinox, Vermont. George used all bands from 50 to 1215 Mc. to work 389 stations. With a multiplier of 69, he had 29,335 points. W4LIP, Miami, Fla., used the country-wide skip on 50 Mc. to work 396 stations in 39 sections, for 15,048 points and the E. Fla. wallpaper. This is believed to be an all-time one-band record, though several operators beat this with multi-band work. K1IZM, Marlboro, Mass., lead all home stations and won the E. Mass. award with 387 in 49, for 18,963 points, on 50 and 144 Mc. K3IPM led in Eastern Pa., with 334-47-15,698. WØAXU, Marion, Iowa, formerly W7VMP, used the skip in all directions to rack up a 314-47-14,758 total for the Iowa award.

WA6JMQ set up a mark for future generations to shoot at, in working 54 sections on 50 Mc. With 258 contacts this gave him 13,922 points, second in the country for one-banders. Others with fat section totals on 6 included K4JPD, Georgia, 48; K5TKR, Arlington, Texas, 47; W5DNL, New Orleans, La., 45; and K9LBQ, Wisconsin, W5UQR, Louisiana, WØWKB, Iowa, and K4RNG, E. Florida, with 44 each.

With all this emphasis on 50-Mc. DX, we should not forget the important part played by the higher bands. They were important in the



This veteran team, left to right, W6SDM, K6DAH and W6ELT, have worked in June V.h.f. Parties from Mt. Abel, San Joaquin Valley Section, for 6 years. They worked 129 stations in 36 sections, for 5238 points.

high scoring of all the leaders, and some respectable scores were made on 144 Mc. alone. K1CRQ, Bethlehem, Conn., led all 2-meter men with 228 contacts in 16 sections, for 3688 points. K2LNS, Northern New Jersey, worked 210 in 15, for 3240. And speaking of higher bands, K1DIT must have set a record by using 10 bands, doing two-way work on all amateur frequencies from 50 to 21,000 Mc.!

So far we've cited the efforts and results of the winners and near-winners, but the real winners were the thousands of hams who got into fray for the fun of working the v.h.f. bands under ideal conditions, regardless of whether they made the headlines or not. Perhaps a few excerpts from letters that accompanied logs tell this story better than we could.

K2HLA — "Competitive spirit was terrific — best contest yet!"

KØCER — "A QSL-printer's dream come true!"

KØVQM — "What a ball! Worked 17 ARRL Sections with 4 watts input, but couldn't get my own — Iowa!"

W8NOH — "Sure was nice to hear so many using c.w. on 6."

K1JFN — "Worked 28 sections on 6 with my beam stuck southwest."

W9YT — "Receiver so overloaded with strong signals on 6 that we disconnected the beam at times and used a short piece of wire for receiving."

W1EIJ — "Antennas for W1NBN/1 were erected in the midst of very wet clouds atop Mt. Wachusett — but weather cleared nicely as soon as all outside work was done!"

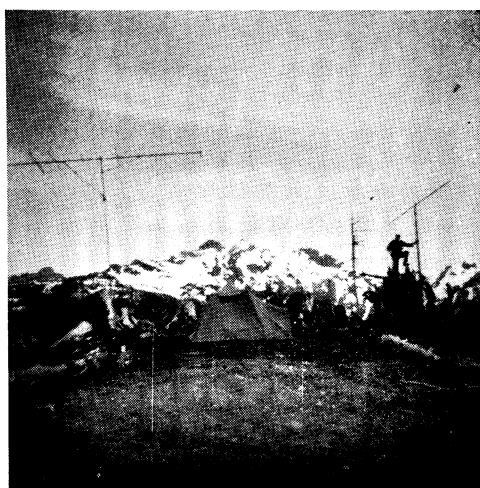
W6ZOP/6 — "It was disconcerting to hear low-lying stations in the Los Angeles basin working sections on 6 that I couldn't hear. This went on most of the time." (A mountain location is not always beneficial — Ed.)

W5WLJ — "Wish that more K, W and WA6s knew what ARRL Section they are in. Worked 5 that insisted that they were in the 'Southern California' Section."

WA2KZV — "These contests improve operating ability and promote v.h.f. interest. You'll be hearing from us (Metuchen YMCA Radio Club) again."

W7RT — "Worked 31 states on 50 Mc., a fair start on 50-Mc. WAS in a single week end."

K4RNG — "Here in Miami we had to work through QRM from the entire country at times. Tried for high section total, spending a lot of time dial-twiddling. Ended up with 44."



Snow-capped peaks provide a spectacular backdrop for W7RDY/7 atop Green Mountain, Wash., top-scoring portable station in the Northwest. Using 50 and 144 Mc., they worked 204 stations for 7344 points.

W6NLZ — "101 of my 149 contacts were on c.w. Who says v.h.f. men don't know the code?"

VE6DB — "At times we heard all U. S. call areas simultaneously, but could not work East Coast sections. Other areas were often heard for 2 to 3 hours at a time when they could not be raised."

WA6JMQ — "Best 50-Mc. opening ever. Worked 54 sections and heard but could not work W1AW."

Several VE3s — "More c.w. on both 6 and 2 would help our totals. We all need more U. S. operators who will look for us."

WA6AJT — "Had to quit early because we interfered with the Frazier Peak Forestry Service station on 48 Mc. Our quitting did not solve their problem, however. They still had trouble from stations on the same frequency in Texas and the Middle West."

VE6BY, Yellowknife, NWT — "Lost some effectiveness because many operators will not copy c.w., forcing me to shift to phone to make contacts. Can run 150 watts c.w., but only 50 on phone."

W1HDQ/5 — "Used the complete v.h.f. station now running in *QST* to work 18 ARRL Sections on 50 Mc. from portable location near Albuquerque, N. Mex. Some fun to be rare and get calls from both coasts at once!"

XE1OE (W8NRM) — "Although I realize that we are not eligible for an award in this contest, we thought the gang might be interested to know that we worked 76 stations in 27 ARRL Sections, for an unofficial total of 2262 points."

VE4RE — "Thanks for arranging this fine contest. Activity in this area is increasing, and we hope to see many logs from VE4-land."

W6FZA — "In retrospect, one can draw two fine conclusions from the melee: (1) V.h.f. Activity, especially on 50 Mc., is excellent throughout the country, even though we are approaching the bottom of a sunspot cycle. (2) This activity is healthy and skillful, as evidenced by random scatter contacts, multiple-hop Es work, and the terrific activity in the c.w. subband. Anyone who missed this extraordinary contest missed a thrill that may never come again!"

— E. P. T.

## SCORES

In the following tabulation, scores are listed by ARRL Divisions and Sections. Unless otherwise noted, the top scorer in each section receives a certificate award. Columns indicate the final score, the number of contacts, the section multiplier, and the bands used. A represents 50 Mc.; B, 144 Mc.; C, 220 Mc.; D, 420 Mc.; and E, 1215 Mc. or higher. Multiple-operator stations are shown at the end of each section tabulation.



Parabolic antenna used at W2PEZ/2, station of the 6220 Club, near West Milford, N.J. Highlight was a 60-mile 1215-Mc. contact with W2LWI/2, using APX-6s both ways. Score: 630-74-49,728, third ranking in the country among multioperator stations.



Crew of the West's top-scoring station in the June V.H.F. Party. Left to right, W6FNE, WA6MFH, WA6GNG, the generator, WA6DJB and WA6AJT. Operating from Frazier Peak, in the Santa Barbara Section, they worked 400 stations on 50 through 1215 Mc., for 20,200 points. (Photo by K6RUK)

## ATLANTIC DIVISION

### Eastern Pennsylvania

K3IPM	15,698-33-47-AB
K3HGA	10,678-28-38-AB
K3HNP	10,656-288-37-A
K2IXJ/2	9408-183-48-ABC
W3CL	7160-163-40-ABC
K3KFD	7006-226-31-A
K3JRO	4488-132-34-AB
K3ISH/2	2750-110-25-AB
W3ETB	1640-82-20-A
K3KEL/3	1638-78-21-A
W3ARW	1633-55-23-BCD
K3IUV	1206-59-18-AC
K3ATX/3	630-42-15-A
K3HNG	343-49-7-A
K3EJY	1,140-28-5-A
W3NOK	1,140-17-8-B
W3WJC/3	(11 oprs.)
	27,780-457-60-ABCE
W3HZU	(10 oprs.)
	21,615-389-55-ABC
W3CCX/3	(15 oprs.)
	17,114-382-43-ABC
W3OI/3	(7 oprs.)
	16,192-339-46-ABC
K3HRF/3	(K3HRF, WA2s MJT MVE)
	9650-193-50-AB
W3YRT/3	(4 oprs.)
	9588-204-47-AB
W3QQB/3	(W3s FDH JUZ GFN)
	7193-191-41-ABC
W3KX/3	(6 oprs.)
	5976-166-36-AB
K3MTK	(9 oprs.)
	4669-203-23-AB

### Md-Del-D.C.

W3NG	8200-200-41-AB
W3GCO	4680-156-30-AB
W3UCR	4495-155-29-AB
W3CGV	4182-108-34-ABCD
K3DGK	4125-125-33-AB
W3JKU	2700-108-25-AB
W3VTE	1501-79-19-AB
K3CPA	1040-58-18-AB
K3EHS	924-69-4-A
K3MOY	876-73-12-A
W3WQD	682-62-12-B
K3AMG	648-54-12-A
W3HB	469-67-7-B
K3CRD	441-63-7-B
W3DFS	320-40-8-A
W3CJT	301-43-7-B
W3MMC	280-40-7-A
K3GMB	200-25-8-A
W3CPM	196-49-4-B
K3AEX	87-29-3-B
W3ZSR	132-33-4-B
K3NOSZ	123-41-3-B
W3JPD	120-20-6-A
W3FLU	92-23-4-A
K3NOYY	72-24-3-B
K3PNL	72-24-3-A
K3NOG	56-28-2-A
K3LLR	22-11-2-A

(Continued on page 148)

W3JZY/3	(9 oprs.)
	33,666-525-62-ABCD
K3HFV	(4 oprs.)
	9652-251-38-ABC
W3JIQ	(W3s JIQ DWU)
	2646-126-21-AB
K3MAU	(K3s MAU GPJ)
	2375-125-19-A
K3ARN/3	(K3s ARN ACL, W3BFE)
	1704-142-12-B
W3KZH	(W3s KZH MBZ)
	1496-88-17-AB

### S. New Jersey

W2REB	9588-204-47-AB
W2ICW	2480-80-31-AB
W2BLV	2108-56-34-ABC
W2AHGW	570-57-10-B
W2AKLZ	504-56-9-B
W2MBO	40-10-4-A
K2ITP	(27 TP TQ)
	19,894-343-58-ABC
K2BWR	(K2s BWR ZRJ)
	3000-100-30-A

### Western New York

W2UTH	8400-210-40-AB
K2ERB/2	6888-168-1-AB
K2YCO	6000-168-36-AB
W2EIX	5049-144-3-ABC
K2CUG	4470-147-30-ABC
W2AKVN	3999-129-31-A
K2ZEV	3750-125-30-AB
K2DBB	3534-114-31-A
K2MLF	3030-101-30-A
WA2KND	2945-95-31-A
W2CTA	1311-69-19-AB
W2ANJE	1064-56-19-A
K8PNN/2	204-34-6-A
W2HCE	198-33-6-A
W2SIC	156-39-4-B
WA2NGU	140-20-7-A
W2ALL/2	(4 oprs.)
	18,727-282-61-ABCD
K2RRM/2	(9 oprs.)
	7341-52-ABC
W2MAU/2	(29 oprs.)
	16,907-295-53-ABCD
K2HWC	(7 oprs.)
	13,950-305-45-ABC
W2ALR/2	(5 oprs.)
	12,956-312-41-ABE
W2JGJ/2	(9 oprs.)
	11,515-225-49-ABC
WA2JOQ	(11 oprs.)
	12,510-278-45-AB
K2POX	(11 oprs.)
	11,368-228-49-ABC
W2PGC/2	(7 oprs.)
	6304-197-32-AB
W2ZKF	(5 oprs.)
	5088-153-32-ABC
K2EAO/2	(17 oprs.)
	4268-194-22-AB
K2OVB/2	(K2OVB, W2EJO)
	3944-131-29-AC

## June VHF Party Results

(Continued from page 30)

WA2KMF/2 (10 oprs.)  
 1859-143-13-AB  
**K2ODL** (K2ODL, WA2CJK,  
 WV2PFQ)  
 1344- 64-21-AB  
**W2EJZ/2** (K2s QKU ZBU)  
 1278- 71-18-AB  
**K2TXO/2** (5 oprs.)  
 1156- 68-17-A  
**K2BPV** (K2BPV, WA2CIG)  
 629- 37-17-A  
  
*Western Pennsylvania*  
**W3RUE** 6615-143-45-ABC  
**K3CHC** 2691-117-23-AB  
**W3UMY** 1449- 63-23-AB  
**W3DJM** 287- 41- 7-A  
**W3FUH** 144- 19- 6-B  
**W3UHN** 144- 18- 8-A  
**K3BBO/3<sup>1</sup>** (K3s BBO LKS  
 PHI) 7434-177-42-AB  
**K3HKK** (11 oprs.)  
 3584-128-28-AB  
**W3QZF/3** (4 oprs.)  
 990- 55-18-A

## **CENTRAL DIVISION**

Illinois

K9HDE	9266-226-41-AB
K9BDI	3780-105-36-A
K9DTB	3638-107-34-AB
K9YHI	2622-114-23-A
K9VYD	1633- 71-23-AB
K9GRH	1408- 64-22-A
W9DJ	1220- 61-20-AB
K9RVG	770-110- 7-AB
K9UHC	608- 32-19-A
W9CEJ	328- 82- 4-B
K9IUM	350- 25-14-A
K9AAJ	261- 28- 9-BD
KN9BBN <sup>3</sup>	159- 53- 3-B
K9CNF	147- 49- 3-B
KN9ZUF	138- 46- 3-B
W9BSM	112- 28- 4-AB
W9OTW	88- 22- 4-B
KN9AWS	86- 43- 2-B
KN9EBI	82- 41- 2-B
W9VPU	80- 20- 4-B
K9AWN	44- 11- 4-A
W9AXT	40- 10- 4-B
KN9DED	26- 13- 2-B
W9KBP	21- 7- 3-A
KN9BGV	8- 8- 1-B
K9JXY <sup>1</sup> (5 oprs.)	7210-206-35-AB
W9BBF (5 oprs.)	7106-184-38-ABC
K9HGX/9 (7 oprs.)	1296- 72-18-AB
W9BGX (K9ZCK, K9PFC)	1007- 53-19-AB

## *Indiana*

K9KFL	8680-217-40-AB
K9DXQ	7700-220-35-AB
K9QCB	7400-200-37-AB
K9HYV	2759- 89-31-AB
K9YTG	1760- 88-20-A

K9JJZ	1848-	66-28-A
K9PNP	560-	35-16-A
K9AQP	336-	56- 6-B
W9YDP	180-	20- 9-A
K9WQR	16-	8- 2-B
W9PMZ <sup>1</sup> (5 oprs.)		
	11,868-276-	43-A
K9MMH/9 (K9s MMH MQS SLQ)	10,038-239-	42-AB
K9VPE (K9s VPE PED)	9711-249-	39-AB
W9REG (K9s DQB LYA, K5WFQ)	8470-242-	35-AB
K9VSA (K9s SJY PFQ QXS)	1892-	86-22-AB
<i>Wisconsin</i>		
K9LBQ	13,024-296-	44-A
K9WUI	8772-204-	43-AB
K9OXY	2904-	88-33-AB
W9JOT	1659-	79-21-AB
K9GSE	1100-	50*22-A
W9IXF	610-	53-10-ABC
W9TQ	518-	37-14-AB
W9OVZ	30-	15- 2-B
K9MWQ	14-	7- 2-B
W9VFP (W9s AAZ VFP, W8- LIM)	6405-183-	35-AB
W9YT (K9s ANJ QYM, W9- SZR)	6200-200-	31-A

## **DAKOTA DIVISION**

North Dakota

W0GNS 8388-233-36-A

### *South Dakota*

KØUDZ 7164-199-36-A  
WØENC 2784- 96-29-AB  
WØFIZ 78 12 6 A

Minnesota

K0GJO 8736-224-39-AB

## **DELTA DIVISION**

## *Arkansas*

K5AZH 2100- 84-25-A

K5GOW 1426- 62-23-A

## Louisiana

W5DNL	7920-176-45-A
W5UQR	7392-168-44-A
K5FLY	2106- 81-26-A
W5ESW	1624- 58-28-A
K6HNP/5	578- 34-17-A
K5ZQX	510- 34-15-A

## *Mississippi*

K5WIJ 1475- 59-25-A

## Tennessee

K4JWZ	1239-	59-21-A
W4JKK	1220-	61-20-AB
K4KTC	407-	37-11-A
K4SXK/4	180-	30- 6-A

*(Continued on page 150)*

K4FSH/4<sup>1</sup> (K4s FSH FKO,  
WN4BJS)  
5379-163-33-AB  
K4WOE/4 (4 oprs.)  
2737-119-23-A  
W4UDT/4 (W4s NUW UDT  
K4QYV)  
2160-108-20-A  
W4SKH/4 (5 oprs.)  
2024- 88-23-AB

### GREAT LAKES DIVISION

#### Kentucky

W4WYX 4290-143-30-A  
W4GSH 4060-116-35-A  
W4KLA 2407- 83-29-A  
K4RZK 1100- 55-20-AB  
  
*Michigan*  
K8NIE 6396-156-41-AB  
K8BGZ 5040-120-42-AB  
W8NOH 3502-103-34-AB  
K8IXU 2508- 76-33-A  
W8CVQ 1992- 80-24-ABC  
K8GKX 1580- 79-20-A  
K8WPQ 1372- 49-28-A  
K8MRS 814- 37-22-A  
W8ZGW 469- 67- 7-B  
K8LHL 425- 85- 5-B  
W8VXI 188- 47- 4-B  
K8MPI 150- 50- 3-B  
W8VRH 120- 40- 3-B  
K8IVW 26- 13- 2-AB  
K8IXF 26- 13- 2-AB  
K8SBN 3- 3- 1-A  
K8NOS/8 (5 oprs.)  
7968-249-32-AB

#### Ohio

K8SSK 6401-173-37-A  
W8KKF 2725-109-25-A  
W8SGX 1958- 89-22-A  
K8UQA 1305- 87-15-A  
K8MXN 1245- 83-15-A  
K8PML 310- 31-10-A  
K8PBE 171- 19- 9-A  
W8KJM 95- 19- 5-A  
KN8WOT 56- 28- 2-B  
K8RUW 8- 8- 1-A  
W8IXF 6- 3- 2-A  
K8LEP/8<sup>1</sup> (4 oprs.)  
16,882-361-46-AB  
K8BLS/8 (10 oprs.)  
15,488-352-44-AB  
K8PIY (K8s PIY NYM)  
7100-237-30-A  
W8CWL/8 (7 oprs.)  
2236-172-13-AB

### HUDSON DIVISION

#### Eastern New York

WA2BAH/2  
13,700-274-50-AB  
K2YHL 9048-232-39-A  
WA2IMG 1180- 59-20-AB  
WA2HAQ 532- 38-14-AB  
K2JYG 76- 17- 4-BC  
WV2SPG 66- 22- 3-B  
WA2NYM 28- 14- 2-B  
WA2TEQ 8- 4- 2-B  
W2LWI/2<sup>1</sup> (4 oprs.)  
34,320-462-66-ABCDE  
K2BGU/2 (7 oprs.)  
14,306-306-46-ABC  
K2CQG (8 oprs.)  
784- 53-14-ABCD  
K2VYN (K2VYN, W1ZLY)  
210- 21-10-AB

#### N.Y.C.-L.I.

K2HLA 9982-217-46-AB  
WA2FBA 3430- 98-35-AB  
K2IEJ/2 3008-188-16-B  
WA2IKR 3000-120-25-AB  
K2PQY 1680- 70-24-AB  
K2UTN 1260- 68-18-AE  
W2KXG 1250-125-10-B  
WA2EXL 1100- 55-20-A  
WA2ONO 780- 78-10-B  
W2GLU 774- 86- 9-B  
W2TUK 648- 54-12-AB  
WA2DRK 319- 29-11-B  
WV2OBH 165- 33- 5-B  
W2AUF 105- 15- 7-B  
K2ZYB 6- 3- 2-A  
WV2SUY 4- 4- 1-B  
K2MTT<sup>1</sup> (K2s MTT, UMN  
WA2PSO)  
5684-203-28-A  
WA2DWL  
(WA2s DWL KHW  
4176-144-29-AB  
K2RTH (K2s RTH RCH)  
1652-118-14-B  
W2RED (W2RED, K2VUH)  
338- 26-13-AB  
WA2HGJ (WA2s HGJ QWO)  
2- 2- 1-A

#### Northern New Jersey

W2GKR 5643-171-33-AB  
WA2HFI 3596-124-29-AB  
K2IDP 3562-137-26-AB

K2LNS 3240-216-15-B  
WA2IVW 2938-113-26-AB  
K2HFL 2744- 98-28-AB  
W2DZA 1365- 52-21-ABCD  
WA2JTM 1332- 74-18-AB  
WA2BDP 1281- 61-21-A  
W2GBY 1045- 95-11-B  
K2ICE 740- 74-10-B  
WV2SEI<sup>3</sup> 510- 85- 6-B  
WA2GWM 216- 36- 6-AB  
K2PTD/2 160- 20- 8-A  
WV2NMX 60- 12- 5-B  
WV2SXP 52- 26- 2-B  
W2PEZ/2<sup>1</sup> (10 oprs.)  
49,728-630-74-ABCDE  
W2QCR/2 (11 oprs.)  
19,080-360-53-AB  
W2ZDR (8 oprs.)  
19,080-424-45-AB  
K2BJP/2 (5 oprs.)  
14,924-339-41-ABCD  
W2AF/2 (7 oprs.)  
8145-181-45-AB  
W2OR/2 (12 oprs.)  
7575-303-25-AB  
K2YNT/2 (5 oprs.)  
3150-150-21-AB  
W2JUU/2 (Multiple operator)  
2641-139-19-AB  
K2BEV/2 (5 oprs.)  
1833-141-13-AB  
K2LSA (10 oprs.)  
1090-109-10-B  
WA2CCF (WA2s CCF LNA  
MWU) 72- 18- 4-AB

### MIDWEST DIVISION

#### Iowa

WØAXU 14,758-214-47-AB  
WØWKB 9548-217-44-A  
KØKPQ 9120-228-40-AB  
WØPFP 3710-106-35-A  
KØHBP 3192-114-28-A  
KØCER 2300- 92-25-A  
KØHPQ 448- 28-16-A  
WØNWX 425- 25-17-A  
KØPCE 266- 23-12-A

#### Kansas

KØITF 14,612-281-52-ABC  
KØREE 13,800-300-46-AB  
WØYMG 9405-205-45-ABE  
WØONL 6768-188-36-AB  
KØZUY 4470-149-30-A  
WØWPQ 3990-110-34-ABE  
KØVHP 3720-120-31-AB  
KØGTK 3000-100-30-A  
KØIPB 2368- 74-32-AB  
WØJAS 2240- 64-35-AB  
KØGIC 1050- 50-21-AB  
KØGIA 363- 33-11-AB  
KØRWC 170- 17-10-A  
KØIRL 64- 16- 4-B

#### Missouri

KØLCB 10,906-287-38-A  
WØKMF 7486-197-38-AB  
WØWEQ 5940-180-33-A  
KØJNH 1584- 16-24-AB  
WØLFE 135- 27- 5-B  
KØYVR/Ø (KØs YVR UJM)  
1024- 64-16-AB

#### Nebraska

W9EET/Ø  
5440-236-40-A  
KØWIF 4572-127-36-A  
KØSBV 4032-112-36-AB  
KØETA 1500- 60-25-A  
WØWRT 68- 17- 4-AB

### NEW ENGLAND DIVISION

#### Connecticut

W1RJA 6888-168-41-AB  
W1LYT/1 4061-131-31-A  
K1CRQ 3688-228-16-B  
K1JFN 3444-123-28-A  
W1WHL 2875-115-25-AB  
K1DBA/12033-107-19-AB  
K1CMF 1330- 95-14-B  
KN1PKQ/1<sup>1</sup>  
1144-104-11-B  
W1RVZ 1092- 91-12-B  
W1MFT 918- 37-18-ABCD  
K1QGC 549- 61- 9-B  
K1LNJ 456- 57- 8-B  
K1MNY 432- 36-12-A  
K1GHZ 406- 58- 7-B  
W1RFJ 300- 60- 5-AB  
K1MNX 204- 51- 4-B  
K1IWY 182- 26- 7-AB  
KN1RLT 132- 22- 6-B  
K1GDW 70- 14- 5-B  
W1HAX 48- 24- 2-B  
K1RZV 39- 13- 3-B  
K1QQZ 22- 11- 2-A  
W1UED/1<sup>4</sup> 16- 8- 2-B  
KN1SHF 8- 8- 1-B  
W1AW<sup>4</sup> (W1WPR, K1LVW,  
W5CGW)  
2712-113-24-AB

(Continued on page 152)

**W1ORS<sup>1</sup>** (9 oprs.)  
1634- 86-19- AB  
**W1JZA** (W1s JZA PHT)  
1012- 92-11-BC  
**K1HKZ** (K1HKZ, W1BGT)  
459- 51- 9-AB

*Maine*

**K1CXX/1** 5068-181-28-AB  
**K1NTC** 510- 34-15-A  
**W1EHF/1** (W1EHF, K1-AIC)  
2618-119-22-ABCD

*Eastern Massachusetts*

**K1IZM** 18,963-387-49-AB  
**K1QHO** 4544-142-32-A  
**K1KTK** 4077-151-27-AB  
**W1AQE/1** 3540-118-30-AB  
**K1DIT** 2688-70-32-ABCD  
**W1JSM** 2160-104-20-ABE  
**K1KKS** 1615- 85-19-A  
**W1HIC** 1106- 79-14-AB  
**W1OOP** 1026- 34-19-ABCD  
**K1MNO** 36- 9- 4-B  
**K1QOB** 36- 12- 3-B  
**K1LWG** 1- 1- 1-B  
**K1OOR/1<sup>1</sup>** (8 oprs.)  
25,002-463-54-ABC  
**W1IPJ/1** (13 oprs.)  
17,368-319-52-ABCD

**K1PBO** (K1s PKO, GRP,  
KN1SCB)  
4092-132-31-AB  
**W1GFX** (4 oprs.)  
3096-129-24-A  
**K1OSG** (K1s OSG MNS)  
3013-131-23-AB  
**W1MX** (K1RNM, K2YMF)  
2369-103-23-A  
**K1MXS/1** (K1s MXS LKR)  
418- 52- 9-AB

*Western Massachusetts*

**K1DIT/1** 147- 9- 7-ABCD  
**W1NBN/1** (8 oprs.)  
67,473-774-81-ABCD  
**K1MXF/1** (K1s MXF DIR)  
68- 6- 4-DE  
**K1BZT/1** (K1BZT, W1KXH)  
18- 3- 3-ADE

*New Hampshire*

**W1FZ/1** 10,200-193-50-ABCD  
**K1RNS** 1598- 47-34-A  
**W1PB** 324- 27-12-A  
**W1QHS/1** 320- 40- 8-B  
**W1ULU** 198- 22- 9-A  
**W1MHL/1** (19 oprs.)  
99,158-1082-86-ABCD  
**W1ALE** (W1s TNO YQH)  
5846-158-37-AB  
**W1GOM** (4 oprs.)  
801- 89- 9-B  
**W1DDN/1** (W1DDN,  
K1AWR)  
32- 4- 4-ADE

*Rhode Island*

**W1AJR** 13,380-209-60-ABCD  
**K1CRN** 1914-151-14-B  
**K1PAM** 660- 55-12-A  
**W1JWZ** 555- 37-15-A  
**K1DFU** 240- 24-10-A  
**W1FEQ** 75- 15- 5-B

*Vermont*

**W1UIZ/1** 29,325-389-69-ABCD  
**W1EXZ** 1445- 85-17-A  
**W1MMN** 40- 10- 4-B

**NORTHWESTERN DIVISION**

*Montana*

**W7EGN/7** 592- 37-16-A  
**K7CTI** 319- 29-11-A  
**W7UPR** 12- 6- 2-A  
**W7NOZ** 3- 3- 1-A  
**K7PKN** 3- 3- 1-A  
**W7DWR** 2- 2- 1-A

*Oregon*

**K7AAD** 315- 21-15-A  
**W7HBH** 243- 26- 9-ABD  
**W7DTT<sup>1</sup>** (5 oprs.)  
5580-186-30-AB

**K7AUO/7** (8 oprs.)  
2599-111-23-ABD  
**W7ICS/7** (W7s ICS WKP  
QLC)  
672- 56-12-AB

*Washington*

**W7RT** 11,938-253-47-ABC  
**K7BRQ** 3780-140-27-A  
**K7BBO** 1980-132-15-AB  
**W7ZQX** 1520- 80-19-AB  
**K7GKK** 840- 70-12-A  
**K7JZF** 552- 69- 8-AB  
**K7IVC** 400- 50- 8-A

**W7RDY/7** (W7s RDY UGK)

7344-204-36-AB

**W7HZ/7** (multiple-operator)

5044-177-26-ABCDE

**PACIFIC DIVISION**

*Nevada*

**K7HRW** 4154-134-31-AB  
**K7ICW** 560- 28-20-A  
**W7JU** 36- 12- 3-B

*Santa Clara Valley*

**W6YX<sup>5</sup>** 8510-175-46-ABCD  
**W6ASH** 4080-123-30-ABC  
**W6BDN** 3552-148-24-AB  
**W6GGV** 657- 59- 9-BCD  
**W6ORR/6** 357- 51- 7-B  
**WV6NJS** 102- 34- 3-B  
**K6PCQ** 45- 9- 5-AB  
**WA6LSS** 1- 1- 1-B  
**W6ISO/6** (5 oprs.)  
2975-112-25-ABCD

*East Bay*

**K6RNQ** 3348-101-31-AC  
**K6OMH** (5 oprs.)  
11,501-360-31-ABC  
**WA6NEL** (WA6s NEL BZA)  
171- 19- 9-A

*San Francisco*

**WV6PRS** 252- 63- 4-B  
**K6VXI** 36- 9- 4-A

*Sacramento Valley*

**K6YII** 1125- 75-15-AB  
**W6MLN** 531- 57- 9-ABCD  
**K6AAW/6** (K6s AAW ERQ,  
W6HBU)  
336- 56- 6-AB

*San Joaquin Valley*

**W6BJI** 5880-143-40-ABE  
**W6FZA** 3066- 73-42-ABC  
**W6GQZ** 1848- 77-24-AB  
**W6SDM/6** (W6s SDM, ELT,  
K6DAH)  
5328-129-36-ABD

**ROANOKE DIVISION**

*North Carolina*

**K4HGK** 9635-235-41-A  
**K4SWN** 1596- 76-21-AB  
**K4MHS** 1700- 85-20-AB  
**W4BUZ** 94- 47- 2-B  
**K4GPL** 21- 21- 1-B  
**W4WDH** 19- 19- 1-B  
**W4BUU** 8- 4- 2-AB  
**W4NC/4** (12 oprs.)  
5084-164-31-AB  
**W4GNF/4** (4 oprs.)  
2352-112-21-AB

*South Carolina*

**W4TLC** 2100- 68-30-ABC  
**W4DEN** 2028- 78-26-A  
**K4JQY** 400- 20-10-AB  
**W4VIW** 56- 13- 4-ABC

*Virginia*

**K4VWH** 13,780-265-52-AB  
**W4LTU** 11,650-233-50-AB  
**W4DOE** 3654-126-29-AB  
**K4PCL** 2328- 97-24-A  
**K4TNB** 1596- 76-21-AB  
**K4RMT** 1173- 69-17-A  
**K4YYJ** 810- 54-15-AB  
**W4KNS** 710- 71-10-B  
**K4CGA** 216- 27- 8-A  
**K4AJE** 168- 28- 6-AB  
**W4GOC** 150- 25- 6-A  
**W4BHD** 144- 36- 4-A  
**W4KMS** 77- 11- 7-A  
**K4SMH** 10- 5- 2-A  
**K4RAY<sup>1</sup>** (5 oprs.)  
13,104-312-42-A  
**W4KDH** (5 oprs.)  
8280-207-40-AB  
**K3LUK/4** (4 oprs.)  
7920-240-33-AB  
**W3DHQ/4** (W3s DHQ KDZ)  
180- 18-10-AB

*West Virginia*

**K8BLR** 2842- 98-29-A  
**K8HYE** 396- 33-12-A  
**K2GLQ/8** (6 oprs.)  
13,410-298-45-AB

**ROCKY MOUNTAIN DIVISION**

*Colorado*

**W0AZT** 4142-109-38-AB  
**K0TSD** 455- 35-13-A  
**K0MNQ** 7- 7- 1-B

*New Mexico*

**K5UNK/5** 1460- 73-20-A  
(Continued on page 154)

K5UYF 1260- 60-21-A  
 K5WGE/5 (K5s WGE PPB  
 HMT) 9072-252-36-AB  
 W1HDQ/5 (W1HDQ, K5s  
 TQP UNK)  
 836- 44-19-AB

*Wyoming*

W7VTB 1869- 89-21-A  
 W8KNC/7  
 1188- 54-22-A

**SOUTHEASTERN  
DIVISION**

*Alabama*

W7JCU/4  
 4560-114-40-A  
 K4MEQ 560- 40-14-A

*Eastern Florida*

W4LIP 15,048-396-38-A  
 K4ACF 8890-254-35-A  
 K4RNG 7040-160-44-A  
 K4VSG (K4s VSG TIG)  
 13,300-350-38-A

*Western Florida*

K4HYL 7040-176-40-A  
*Georgia*  
 K4JPD 10,512-219-48-A  
 K4KLD 1210- 54-22-ABC  
 K4YGK 1007- 53-19-A  
 W4BGE 970- 61-16-AB  
 K4YFU 935- 55-17-A  
 K4FNZ 930- 62-15-AB  
 K4UPK 561- 33-17-A  
 K4QOC 100- 25- 4-AB  
 W4GIS 22- 11- 2-B  
 K4KGX 21- 7- 3-A  
 K4TXK 14- 14- 1-B  
 K4YZE 12- 12- 1-B  
 W4FWH/4 (W4s FWH  
 VHH) 7488-189-39-ABC

**SOUTHWESTERN  
DIVISION**

*Los Angeles*

W6NLZ 8624-149-49-ABCDE  
 W6BWG 984- 41-24-A  
 W6ABN 690- 30-23-A  
 WA6DHH 364- 26-14-A  
 W6NSN/6<sup>1</sup> (4 oprs.)  
 16,200-337-45-ABCD  
 W6MLA/6 (5 oprs.)  
 5360-264-20-ABC  
 W6UFJ/6 (4 oprs.)  
 864- 72-12-AB

*Arizona*

W7RUC 9912-236-42-A  
 K7MBI/7 (K7MBI, W7PXE)  
 7942-209-38-A

*San Diego*

WA6JMQ  
 13,932-258-54-A  
 W6ZOP/6  
 9996-331-28-ABCDE  
 K6DLY 2- 2- 1-B  
 K6DBZ (4 oprs.)  
 17,306-501-34-ABE  
*Santa Barbara*  
 WA6ABZ/6  
 135- 27- 5-AB  
 WA6AJT/6 (6 oprs.)  
 20,200-400-50-ABCDE

**WEST GULF DIVISION**

*Northern Texas*

W5SFW 13,536-282-48-A  
 K5TXX 6346-167-38-AB  
 K5VBN 4185-135-31-A  
 W5PVT 2912-112-26-A  
 K5ZMS 2910- 97-30-A  
 K5ARU 2060-103-20-A  
 K5RBN 1332- 74-18-A  
 K5VRY 828- 46-18-A  
 W5AQZ 616- 44-14-AB  
 K5MTK 492- 41-12-A  
 W5FEG 72- 12- 6-A  
 W5DXQ 12- 6- 2-A  
 K5TKR (K5s TKR ZBM)  
 14,500-289-50-ABC  
 K5KWB (K5s KWB KVE)  
 11,280-282-40-A

*Oklahoma*

W5JSB 7280-208-35-A  
 K5WQE 5882-173-34-A  
 K5ZTH 4068-113-36-A  
 K5DFM 3872-121-32-A

*Southern Texas*

K5LEP 4454-131-34-A  
 W5TGQ 4524-156-29-A  
 W5BRR 416- 26-16-A  
 W5ND (13 oprs.)  
 10,304-222-46-ABE  
 K5RCO (K5s RCO EJL)  
 4080-120-34-A

**CANADIAN DIVISION**

*Maritime*

VE1BC 1860-124-15-A  
 VE1ABL/1 (VE1s CL MX  
 ABL) 1040- 65-16-AB

*Ontario*

VE3DIR 5358-141-38-AB  
 VE3AIB 3720-118-31-ABC  
 VE3RM 3480-145-24-AB  
 VE3DUX 2944-128-23-AB  
 VE3APF 2520-140-18-AB  
 VE3CUA 1184- 74-16-AB  
 VE3AGU 910- 65-14-A  
 VE3HW 845- 65-13-AB  
 VE3ESE 260- 65- 4-B  
 VE3BYU 144- 48- 3-B  
 VE3CUG 135- 27- 5-B  
 VE3BPB 84- 28- 3-B  
 VE3AAH 50- 25- 2-B  
 VE3BWL 17- 17- 1-B  
 VE3ELA/3 (VE3s ELA CIB)  
 4760-170-28-AB

*Manitoba*

VE4RE 2277- 99-23-A  
 VE4YW 2100-105-20-A  
 VE4HS 308- 28-11-A

*Saskatchewan*

VE5GI 28- 7- 4-A

*Alberta*

VE6DB 760- 38-20-A  
 VE6FF 160- 16-10-A

*British Columbia*

VE7ASM/7<sup>6</sup>  
 2205-105-21-AB  
 VE7ARV/7 (8 oprs.)  
 1246- 88-14-ABC

*Yukon — N.W.T.*

VE8BY 105- 15- 7-A

<sup>1</sup> Multiple-operator Award Winner; <sup>2</sup> W2YLM, opr.;

<sup>3</sup> Novice Award Winner; <sup>4</sup> Hq. Staff, Not Eligible for Award; <sup>5</sup> W7QDJ, opr.; <sup>6</sup> VE7AFB, opr.

*Check log XE1OE.*