## June V.H.F. Party Results

Depending on where you were and what bands you worked, the week end of June 13-14 was "the worst on record," "just fair," or "terrific!" For most of northeastern U. S. A., the first evaluation was most common, regardless of band. The weather was cold, wet and worse, and all bands were dead. In parts of the South and Middle West, a fine tropospheric opening livened things up for the 2 -meter gang, but it came mostly too late to do much good. Most of the Far West and South enjoyed 50-Mc. DX, both double and single hop, but not for as long as the 6 -meter gang would have liked.

Almost one-fourth of the scores in the tabulation are for portable stations. Some of the rugged individuals who manned these mountain-top setups had the toughest going weatherwise, and the poorest conditions DX-wise they'd ever experienced in a June contest. Many told tales of snow and driving rains, of antenna masts snapping and tents blowing away. In below-freezing cold this is not much fun, especially in the "month of roses!"

Despite all this there was some fine work in the field. W2YPM/2 on Overlook Mountain in the Catskills made 320 contacts on $50,144,220$ and 420 Mc . With a section multiplier of 38 , they posted a score of 13,490 points, the country's highest. Their nearest rival was the Two Meter and Down Club of Los Angeles. Operating W6EMM/6 from Green Valley Lake, these fellows worked 322 stations on 7 bands, for 11,490 points. The only other 5-figure total was the work of the Electric City Radio Club, W3KX/3, in the Pocono Mountains of Eastern Pennsylvania, with 291 contacts for 10,080 points.

The highest contact total was made by W6SDM/6: 452 stations worked. One of the operators in this group, W6DQJ, was the southern end of the new world record on 1296 Mc., as reported last month. W6SDM/6 also worked the same 400 -mile circuit on 432 Mc. W1UIZ/1 on Mt. Equinox, near Manchester, Vt., ran up a section total of 39 , to lead the country in that department. George had the moral and physical support of W1WID in this effort, which ended in a sizeable snowstorm, but he handled all the

This is June? WI WID, left, and WIUIZ survey the wintry scene atop Mt. Equinox, near Manchester, Vt., the morning after the June V.h.f. Party. WIUIZ/1 worked 214 stations on 50, 144, 220, 432 and 1296 Mc., for 9360 points.
operating himself. Encumbered as he was with mittens and earmuffs most of the time, this wasn't easy! High spot of their week end was a 60 -mile contact on 1296 Mc. with K2ISA. Gear for this band was the handiwork of W1WID.

W1ZIG/1 atop the highest spot in Massachusetts, Mt. Greylock, had snow and 70-mile gusts to contend with, and the temperature was below 40 most of the time. We heard of another group on Mt. Whiteface, in the Adirondacks, operating in a stone tower, minus glass in the windows, with the temperature in the 20 s .

Cold was no northeastern monopoly. K6TJL/6, the station of the Southern Peninsula Old Timers' Society, was set up on Goat Mountain, a 6121foot elevation about 150 miles north of the Bay Area. During the day the air was clear and the sun was hot, but at night the temperature dropped into the 40 s , and the wind came up. Part of the crew, operating outside the VW bus shown in one of our photos by K6LHJ, just about managed to last through the night. They worked on $50,144,220$ and 420 Mc . and ran up the creditable total of 4848 points on 181 QSOs. Best DX was W6FZA/6 on Frazier Peak in Southern California, worked on both 144 and 220 Mc .

One of the most rugged operations of all was in the Sunny South. W4FWH and W4LNG were planning a combined effort for Brasstown Bald Mountain, 75 miles north of Atlanta, and the highest point in Georgia. W4LNG was called away on business, so Walt set off alone, with transmitters for 50,144 and 220 Mc., a communications receiver, three converters, $2-\mathrm{kw}$. power plant, tent, cooking equipment and plenty of warm clothing. The woolens were needed; even in Georgia in June, an elevation of 4784 feet can be cold at night.

Propagation was generally poor, until just before the end of the party, when W5PZ, Ponca



City, Okla., broke through on $144-$ Mc. c.w. This signaled the start of a tremendous tropospheric opening all up across the Middle West - just at the time that W4FWH was completely bushed and ready to break camp and head for civilization. Walt stayed with it, even though his QSOs could not be counted in the contest, and before he finally gave up he worked Oklahoma, Kansas, Missouri, Nebraska and Minnesota. Probably each was the first QSO on 144 Mc. with these states from Georgia - but Walt was too far away from home to allow them to count on his states total. Only two of the contacts fell in the contest period. "Who had the big idea of cutting one hour off the contest?" Walt wants to know. This was done to make it easier for the portable operators! Score of W4FWH/4: 127 contacts on 50,144 and 220 Mc . for 2580 points. Best DX on 144 Mc.: WØBTG, Lincoln, Neb., 800 miles. W5RCI, Marks, Miss., 325 miles, was worked on 220.

Home-station scores over much of the country were well below average. A fellow who has led the field many times did it again. W1RFU, Wilbraham, Mass., worked 50, 144 and 220 Mc . for 5952 points, the country's No. 1 score, and the Western Massachusetts section award. W2PEZ, Northern New Jersey award winner, worked


Six-meter position of KIGAY/1, Mt. Agamenticus, Maine, with K1 GLM at the controls.
many more stations on the same bands, but with a lower section total he made 5520 points.

Sporadic- $E$ skip helped some areas that normally show low contest totals. W7QDJ, Clearfield, Utah, worked $12150-\mathrm{Mc}$. stations in 10 ARRL Sections, for 1210 points. W7UFB, Casper, Wyoming, found 101 stations on 6. W7RUX, Phoenix, Ariz., worked 110 in 25, for 2825. WØQDH, Salina, Kan., used 50 and 144 Mc. in working 103 in 23, for 2369 points. K5IQL, Roswell, N. Mex., worked 71 in 12 . One of the most unusual logs of all was from WøGNS, Minot, N. Dak., who worked not a single local. All his $2450-\mathrm{Mc}$. contacts were with anxious Washington, Oregon and British Columbia stations. We'll bet he got 24 "Please QSL" cards in the next few days' mail!
The contest was no walk-away for $50-\mathrm{Mc}$. men. K1CRQ, Bethlehem, Conn., made 183 contacts in 14 sections for 2562 points, and W2GOO, Farmingdale, L. I., 165 in 13, for 2145, all on 144 Mc . K1CRQ's total was the highest one-band score inithe country.

## 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.

## ATLANTIC DIVISION

E. Pennsylvanta W3MPX. 720-90-8-A W3HXX/3
K3ATX. $\quad .690-115-88-\mathrm{AB}$ W3ACSG $/ 3.630-115-90-7-A$ W3JXT1.594- 66- 9-A W3WJC..574- 82- 7-AB K3DBV. . $320-80-4-\mathrm{A}$ W3ULC...330-55-6-B W3CLQ. . 318- 53- 6-B K3DOX ...276- 69- 4-AB K3BTU. . 156- 26- 6-A K3CHF...135- 43- 3-A K3HNRG....62- 30- 2-A W3RHT ... 16- 8- 2-A W3KX/32 (9 oprs.) W3RCI $/ 3$ ( 6 oprs.) WRCI $2544-158$ W3LXM/3 (6 oprs.) 1736-124-14-AB

> W3SOM/3 (5 oprs.) W3CL/3 (806-146-11-AB W3LDA $810-79-10-A B C$ W3LDA/3 (W3LDA W2LGO) 384- 64-. 6-A
> Md.-Del.-D. C. W3CGV . 1050- 70-14-ABCD W3BBG. 1023- 93-11-AB W3MNE/ ${ }^{1}$
> ${ }^{-1} \quad 360-72-5-\mathrm{A}$ K3DQA...240-60-4-A KN3HIA $\dot{3}$
> K3AZH 176- 44- 4-B W3LM C. $145-29-5$ -K3DLB...132- 22-6-AB K3DLB. . . 132- 22- 6-AB W3SVZY/3 (i4 oprs.)

> 9576-320-28-ABCD
> S. New Jersey

W2BLV . .2508-110-22-ABD

Goat Mountain, in Northern California, was the scene of operations for K6TJL/6. Antennas for 144, 220 and 432 Mc. are shown. Stations also operated on 50 Mc., working 181 stations on the four bands, for 4848 points.

K2SXN ...114- 57- 2-A $\mathrm{K}^{2 M X N}{ }^{4}$...54-27-2-B K2ITQ ${ }^{2}$ (4 oprs.) 7695-276-27-ABC W2REB ( $\mathrm{W} 2 \mathrm{REB}, \mathrm{K} 2 \mathrm{MPV}$ ) 2955-197-15-AB W2MBC/2 (5 oprs.)

224-56- 4-B
Western New York K2ERQ. . 1695-113-15-AB W2FDI. 1072-134- 8-A K2SQB ...664- 76- 8-AB K2QPC ....135-45-5-A K2MYP 129-45-3-AB W2RYG... $129-43-3-A$ W2RXG. . 90- 18- 5-B K2CUQ....36- 18- 2-A W2MYN

23- 23- 1-A
W2ZKF . . . .13- 13- 1-B WV2DGL . . 9- 9- 1-A W2ALL/22 (7 oprs.) $9842-249-37-A B C D$
W2MAU/2 (15 oprs.) 2625-175-15-AB
W2JGJ/2 (4 oprs.)
W2SPU/2
10-ABC
K2ZER ( 7 oprs.)
1190-119-10-AB
W2FRL/2 (5 oprs.)
791-113- 7-AB
W2CFY/2 (4 oprs.) 328- 41- 8-B
W2JQA (4 oprs.)
165-55- 3-A
Western Pennsylvania
W3RUE. . 1125- 70-15-ABC W3BWU . .384- 64- 6-A
W3APR 165- 55- 6-A
W3MSR/3 132- 33- 4-B
K3AUE....14- 7-2-B

W3KWH (4 oprs.)
W3TIF/3 (4 oprs.)

## CENTRAL DIVISION

## Illinois

K9DWR . 600-100- 6-AC K9DTB. . .474- 79- 6-A W9OKB...268-67-4-AB K9EEC. . .228- 57- 4-B W9BQC... 186- 30- 6-ABC W9OEV...150-30- 5-B W9JCI/9..114-38-3-A K9KTR. . . .92- 23- 4-B W9VCZ. . . 48- 12- 4-B
K9DUA. . . .44- 11- 4-AB
W9KCM...12- 6- 2-B
W9ROS ${ }^{2}$ (W9s ROS DXG JCI)

W9VCR 3200-189-16-AC W9VCR/9(5 oprs.)
W9GLR/9 (W9s EUZ GLR
SWE) 1330-95-14-AB Indiana
K9HEY. . 1518-138-11-A K9MMH. 1176-147- 8-AB W9MHP . . 330- 55- 6-A K91XD ${ }^{1}$. . 310-62-5-A K9PED . . .301- 43- 7-A K9KSH. . . 164- 41- 4-A K9AQP…102- 17- 6-B K9MZV...120-40-3-A

Wisconsin
W9JFP. . 2145-135-15-AC W9TQ. ...308- 44-7-AB KN9OXY. .56-14- 4-B W9RTZ…54- 27- 2-A K $9 \mathrm{MWQ} / 9.36-12-3-\mathrm{AB}$ K9OHE . . . .22- 22- 1 -A

K9KBL. . . .14- 14- 1-A K9KHW /9² (W9NHE, K9KHW)

882-126-7-
W9YT (K9EOP, W9SZR) 136-34-4-A
K8IFM/9 (5 oprs.)
116-29-4-AB

## DAKOTA DIVISION

North Dakota
WØGNS . . . 72- 24- 3-A
WøHVA.... 72- 12- 6-A
DELTA DIVISION Arkansas
K5AZH . . . 18- 6- 3-A Louisiana
W5FYZ . . .112- 16- 7-B K5OGU....39-13- 3-A Mississippt
W5RCI . . 308- 28-11-AB Tennessee
W4ZZ.....308-28-11-AB K4PZJ. . . 170- 34- 5-A W4HHK . . .96- 12- 8-B W4YRM...87- 29- 3-A W4TDZ....60- 20- 3-A

## GREAT LAKES

 DIVISIONMichigan
K8KFL . . 1168-146- 8-A K8ACC ${ }^{1}$. .736- 92- 8-A K8AKQ. . .534- 89- 6-A K8BGZ . . 320- 32-10-AB

K8OHC. . . 25- 5- 5-A Ohio
W8BAX
W8SGX 639- 62- 9-ABCD K8DKE ...553- 79- 7-A K8KX ...402- 67- 6-A W8NEE. . 364- 78- 5- ${ }^{\text {7-A }}$ K8BPX...270-54-5-A W8BMO . .266- 36- 7-ABCD W8LCA. ...32- 16- 2-B W8SFG ${ }^{2}$ (4 oprs.)
$1836-94-18-\mathrm{ABC}$
K8DJB/8 (5 oprs.)
1310-131-10-A
K8COJ (K8s COJ LCZ)
1278-142-9-AB

## HUDSON DIVISION

Eastern New York W2HBC...913- 66-11-ABC K2JYG...108- 18-6-B WVYYG.108- 18-6-B WV2CLV . 56 - 14- 4-B WA2AKK. .24- 8- 3-B W2TMM..20-10-2-A W2YPM/2 ${ }^{2}$ ( 6 prs. $)$ $13,490-320-38-A B C D$
K2CQG/2 (5 oprs.)
66-229-29-ABC
K2CXP/2 (6 oprs.)
2480-115-20-ABC

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

K2DVX/2
3152-197-16-AB W2YHP . .3111-183-17-AB K2VIX1..2156-196-11-A W2GOO . 2145-165-13-B W2AOC . 1870-78-17-BC W2SEU . . 1100-110-10-AC K2JQA... 1078-154-7-A

## From September 1959 QST © ARRL

## V. H. F. Results

(Continued from page 87)


Northern New Jersey W2PEZ . . 5520-263-20-ABC K2OQQ . . $900-90-10-\mathrm{AB}$ K2RRG1..585- 45-13-A K2GAL . . 549-61-9-B W2QJY...462- 77- 6-B K2HFL . . 432- 72- 6-A K2DIG. . .320- 23- 8-AC W2DZA...210-21-5-CD WV2CLH

114-57-2-B WA2BDP
K2RPZ 104- 26- 4-A 2RPZ. . . .87- 29- 3-A K2PQR . . . 80- 20- 4-A W2LRO...60-20- 3-B K2HAC...56-14- 4-A WV2FY $\mathrm{W}^{2} .25-25-1$ 1-B W2CVW ...18- 9- 2-B W2ADE ${ }^{2}$ ( 6 oprs. $)$

9913-419-23-ABCD
W2AF/2 ( 7 oprs.)
2304-128-18-AB
K2LSX/2
(K2LSX, WV2CLT)
1022-146- 7-B

## MIDWEST DIVISION

## Iowa

KøGEY....70-14- 5-B
Kansas
W0QDH . 2369-103-23-AB WดJAS. . 1054- 62-17-AB W0YZZ...371-53-7-AC WøMOX ...36-9-4-B KøGIA (Køs GAI GIC) $320-32-10-\mathrm{AB}$ Missouri
K0JZL . . 648- 71- 9-AC KøAXU (11 oprs.) 800-97-8-AD Nebraska

## W0BTG. 1386- 77-18-AB

 KøDDV/ $1.462-42-11-\mathrm{A}$ WØWRT..287-41-7-AB WøOHP ...147- 21-7-B WøRYG...140-20-7-B
## NEW ENGLAND DIVISION

Connecticut
K1CKZ . . 3600-142-24-ABE W1RJA..3588-156-23-AB $\mathrm{W} 1 \mathrm{PHR} .3216-134-24-\mathrm{AB}$ K1CRQ. . $2562-183-14-\mathrm{B}$ W1YDS . 1176-80-14-ABC W1HDQ ${ }^{5}$. 1007- 43-19-ABC KN1KJD ${ }^{6} .950-95-10-\mathrm{B}$ KN1IED. .891- 99- 9-B K1DZI...837- 93- 9-B W1AW ${ }^{\text {, }} .671-61-11-\mathrm{AB}$ W1ORS. . .585-65-9-AB K1CMF...504- 72- 7-B K1CAT. . .438-73- 6-B K1CAA…3304- 35- 8-BC

KN1KUW
W1FVY 265- 53- 5-B KN1IJO…108-27- 4-W1AMJ....30-15- 2-B KN1INQ...22-11-2-B W1UED/1

7- 7-1-B
W1QVF ${ }^{2}$. (W1s FOR QVF)
WIZTT (W1s JJL ${ }^{205 T}$-18-AC
1782- 94-18-ABC
K1BCI/1 (7 oprs.) 581-83-7-B Maine
WlGKJ. . .261- 29- 9-A
K1DZS....132- 22- 6-A
K1GAY Ii (Kls BRO GLM, W1NKA)

3332-196-17-AB
Eastern Massachusetts
W1QXX. 2730-126-21-ABC
W1EUJ. 2205-147-15-AB
K1DIT ${ }^{1}$. $1992-166-12-A$
K1DIR. 1976-152-13-A
K1AII. . 1080-107-10-AC
W1JSM . . .637- 49-13-AB
W1HIC. . .405- 81- 5-A
K1DRXX 352-44-8-A
K1NRX...252- 34- 7-A
W1PEX...60-15-4-B
W1KSI/1 (8 oprs.)
2670-178-15-AB
W1WNJ/1 (11 oprs.)
2338-167-14-AB
Western Massachusetts
W1RFU. 5952-192-31-ABC W1ZWL/1

729- 81- 9-A
K1CZY . . 270- 54- 5 - B K1DAJ...140-35- 4-B W1UCB...104-13- 8-A K1IUV.....76-19- 4-A
W1PHU ....48- 12- 4-B W1ZIG/1 (W1ZIG, K1HMU)
$3553-187-19-A B$
New Hampshire
W1FZ/1.1196-92-13-AB
K1GBI....671-61-11-A
WIVAU... 390-39-10-AB
W1IQD... 168-21-8-ABC
W1HPM ${ }^{2} .(20$ oprs.)
6507-225-27-ABCD
W1TNO/1 (W1s TNO YQH)
913- 83-11-AB
W1WMK/1 (Wls HIV WMK)
24- 6- 4-B
Rhode Island
K1CRN . . 970- 97-10-B
KN1KPB.230-46- 5-B
K1DFU...150-25-6-A
W1VXL/ 1 (5 oprs.)
2109-111-19-AB
Vermont
W1UIZ/1
9360-214-39-ABCDE
W1FSE/1 (W1ZIF, K1EBY, KN1KUT)

4788-225-21-ABC

## NORTHWESTERN DIVISION

## Idaho

W6GTJ/7. 30- 10- 3-A
K7GQE.....8- 4- 2-A

## Montana

W7SFK. . .348- 29-12-A

## Oregon

W7HBH. . 427- 56- 7-ABCD
W7ICS....210- 42- 5-AB
W7GUH. . 184- 46- 4-A K7BED....44- 11- 4-A
(Continued on page 184)
From September 1959 QST © ARRL

KN7GSR. .26- 13- 2-B W7UHF ${ }^{2}$ ( $\mathbf{W} 7 \mathrm{UHF}, \mathrm{K} 7 \mathrm{AAD}$ ) W70TV (W7DTT 850-85-10-AB K7AUO/7 (4 oprs.

790- 75-10-ABD (W7s GWB RGS) K7CIY/7 (5 oprs.) 423-47-9- AB
Washington
W7UGK. 1596-114-14- $\Lambda$ W7BJW. . 1248- 78-16-A K7BBO .232- 5:-4-A W7ZOW . 230- 23-10-A W7HZ $/ 7$
$3630-161-22-A B C D E$

PACIFIC DIVISION Nevada
W7MAH . 663- 51-13-AB W7JU...... 12- 4- 3-B

Santa Clara Valley
W7VMP/6
$1800-120-15-\mathrm{AB}$ .464- 58- 8-A
260-52-5-B

K6SLQ/6 (8 oprs.)
3496-170-19-ABCD
East Bay
W6VEF. . .240- 48- 5-B K6JIT . . . . 78- 13- 6-A K6TJL/6 ( 7 oprs.

4848-181-24-ABCD
San Francisco
W6AJF. . 1650- 64-22-ABCD W6OKR. .799- 43-17-ABCD W6BNV/6.621-63-9-AC

Sacramento Valley W6PIV....392-45-8-BD WV6DQI...22- 11-2-B

San Joaquin Valley W6FZA/6

1768-64-26-ABC (W6s EIT SDM
K6DAH
W6TO (W360-71-16-ABCD 66-106-11-AB
K6HMK/6 (K6HMK,
W6BTK

$$
\begin{aligned}
& \mathrm{K}) \\
& 1152-96-12-\mathrm{AB}
\end{aligned}
$$

## ROANOKE DIVISION

lorth Carolina
W4VHH/4
217-31-7-AB 4 CAH ...72-18-4-A W4BUU.....86- 8- 8 8W4NC/42(6 oprs.) $1470-98-15-\mathrm{AB}$
W4MOE/4 (W4HHE, K4S KSM PRG)
W4MOE/4 (4 oprs.) 574-82-7-A (5 oprs.) 406 - $58-7$ (5 oprs.)
336-56-6-AB
South Carolina
W4VIW...192-24-8-AB
W4TLC...110- 22- 5-A
K4HDX....39-13-3-A
Virginia
K4CSK/4
625-125-13-AB K4RAY . $1582-113-14-A B$相 W3ML/4...54- 18- 3-A W4OOL ${ }^{2}$ (W4OOL, K4s BRK LLL) $720-72-10-\mathrm{AB}$ K6RCW/4(K6RCW,KøRTF) 465-93-5-A
W4CB (4 oprs.)
399- 57-7-AB
West Virginia
K8IYU ....954-106- 9-A W3DHQ/8

172- 43- 4-A
ROCKY MOUNTAIN DIVISION

W7QDJ . . 1210-121-10-A

K7CLX 468- 52- 9-A
New Mexico
K5IQL. . . 852-71-12-AB
I'yoming
W7UFB...909-101- 9-A W7V ГB...399- 57-7-A

## SOUTHEASTERN

 DIVISIONAlabama
に4GQK...378-42-9-AB Eastern Florida
W4RMU . 1197-63-19-AB W4GJO...847-77-11-AB K4GOX... 110- 22- 5-A W4FNR... 88- 22- 4-A

Georgia
W4FWH/4
W4GIS 2580-127-20-ABC
W4GIS....96- $24-4-\mathrm{AB}$
K4KLD.....72-16- 4-AC

## SOUTHWESTERN <br> DIVISION

Los Angeles
W6NLZ
K6OJV 2784- 71-29-ABCDE
K6SSN. . . 504 - 56 - ${ }^{2}$
K6EOK …252- $84-3$ - 3 -A
K6EOK. . 252- 84- 3-A
WV6EGEO...958- 29- 2-AB
W6EMM/6 ${ }^{2}$ ( $\mathbf{6} \mathbf{~ o p r s}$ )
$11,490-322-30-\mathrm{ABCDE}$
W6SDW/6 (5 oprs.)
W6PFE/6 (W6s GQB PFE
K6OOZ)
2920-146-20-AB
Arizona
W7RUX.2825-110-25-ABCD
San I'iego
K6IBY. . . 3400-164-17-ACD
K6COE . . $500-50-10-\mathrm{AB}$
K6RCK...312-52- 6-A
Santa Barbara
W6HPH/6
312- 33- 8-BD
WEST GULF DIVISION
Northern Texas
K5UFW. 1045- 95-11-A
W5HXW . 255- 51- 5-A
W5FEG...228- 38- 6-A
K5KVE ${ }^{1}$. $224-56$ - 4-A
K5TXX…60-17-17-1-A
K5BYD/5 (9 oprs $2625-175-15-\mathrm{AB}$
oklahoma
W5PZ....341- 31-11-B
W5HTK. . .38- 19- 2-B
Southern Texas
W5HFF. . 826- 59-14-AB
W5HYN..350-50-7-A
W5KRH..192- 32- 6-A
K5RPX....56- 8- 7-A
K5VLF (K5s JFN PWX
RNW)
350- 50- 7-A

## CANADIAN DIVISION

Maritime
VE1EF. . .315- 35- 9-A Ontario
VE3DIR. .512- 64- 8-B
VE3AQG..272-68-4-B
VE3CIT. . 198-66- 3-B
VE3HW....80-40- 2-B
VE3CIL.... ${ }^{42-21-2-B}$ 40-20-2-B Quebec
VE2ARH. 52- 13- 4-B British Columbia VE7ASM/7
VE7NM. . 189- 21-9-A Manitoba
VE4TX....70-14-5-A
${ }^{1}$ Technician Award Winner; ${ }^{2}$ Multiple Operator Award Winner; ${ }^{3}$ K3DLB, opr.; ${ }^{4}$ K2BNS, opr. ${ }^{5} \mathrm{Hq}$. Staff, Not Eligible for Award; ${ }^{6}$ Novice Award Winner; ${ }^{7}$ W1WPR, opr.

