

Results, 29th ARRL VHF Sweepstakes

Happy New Year!

By Jim Cain,* WA9AUM

Next January will mark the 30th anniversary of ARRL's VHF Sweepstakes contest; the 1976 version (held January 3 and 4) will be a tough one to top. 640 participants reported activity this year, up about ten percent from the past few.

When we printed the all-time VHF SS division record holder listing two years ago, we didn't figure it would be outdated so soon; two records were broken last year . . . WA6JUD/6 (Pacific Division single-op) and W4BFB/4 (Roanoke Division multi-op). This year, though, we're printing the entire box, because twelve records were broken, seven multi and five single operator.

First impression might be that most of the records, many holdovers from the sunspot days of '58 and '59, are now being broken by virtue of gobs of 2-meter fm contacts. For the most part,

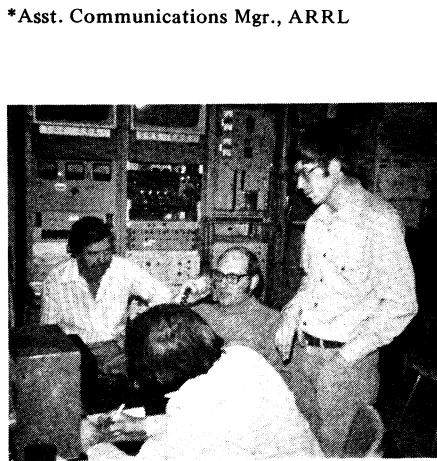
that just isn't true. Take WA1NGR, for example. Ron now holds all three New England Division records, in the SS and both June and September QSO Parties. His band breakdown of contacts is 6 meters (229), 2 meters (140), 220 MHz (9) and 432 MHz (7), for a contact total of 385. W1HDQ's 1958 record (which lasted fully 18 years) of 297 contacts was made up of a not dissimilar percentage of contacts on 6 and 2. Only difference was in 1958 the 144-MHz contacts were on a-m instead of fm!

Performances like WA6JUD's (another new Pacific record) do, of course, have to depend more on 2-meter fm, since lack of propagation on 6 kept section multipliers down somewhat. Carl's farthest contact was with Nebraska, and there are a lot of multipliers east of that.

The 1976 VHF SS proved something else, too; the activity is pretty much self-sustaining. In our struggle to get the January *QST* into print in its historic

new size, we inadvertently left out the vhf rules from the December issue. To compound matters, by the time the error was discovered it was too late to squeeze the full rules into January. Wouldn't have done much good, anyhow, since the contest was the first weekend of January and we all know the problems with *QST* and the postal "service." We are trying to save some space by boiling all contest rules down some, but not as much as we had to boil them down to fit a tiny space in the "World Above" column in January *QST*. That activity was *up* this year and log returns were healthy says something both for the contest and for the participants themselves. It was an "experiment" we don't intend to try again, though!

Although the VHF SS has always followed, to some extent, the format of the November Sweepstakes, feelings have been running high that a changeover to rules more befitting vhf is

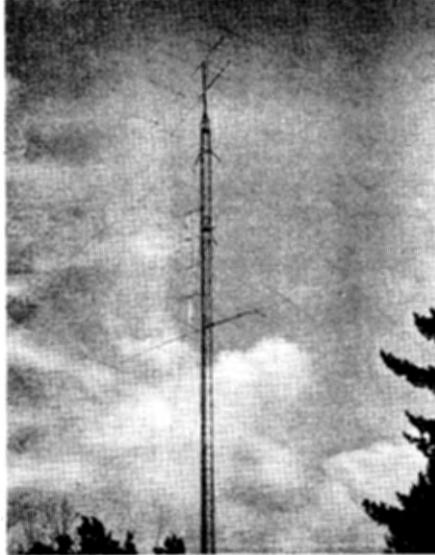


Vhf contesting from Nebraska involves much time waiting for 6 meters to open; here half of the WAØTRO/Ø group does just that. Visible in back is some of the Channel 3 TV gear on-site (they borrowed the site, not the gear!).

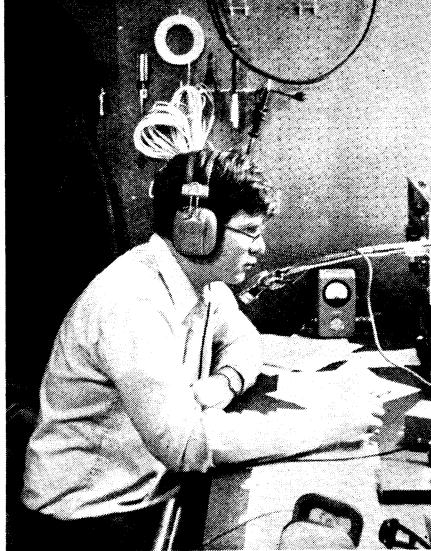
Affiliated Club Scores

CLUB-SCORE-ENTRIES-WINNER

| | | | |
|---|---------|-----|----------|
| Mt. Airy VHF Radio Club Inc. (PACKRATS) (Pa.) | 538,085 | 70 | W3HQT |
| Rochester VHF Group (N.Y.) | 369,973 | 139 | K2YCO |
| South Jersey Radio Association | 179,584 | 35 | W2BV |
| Potomac Area VHF Society (Va.) | 68,625 | 14 | WA3NZL |
| Mobile Sixers Radio Club (Pa.) | 65,281 | 25 | W3ELF |
| Northern California Contest Club | 44,384 | 3 | WA6JUD/6 |
| Suburban Amateur Radio Club Inc (Pa.) | 43,664 | 10 | WA3NV0 |
| Hampden County Amateur Radio Assn. (Mass.) | 42,771 | 10 | K1ZGB |
| West Jersey Radio Amateurs | 41,924 | 18 | W2FPY |
| Dutchess County VHF Society (N.Y.) | 26,988 | 8 | W2AWX |
| York Radio Club (III.) | 24,778 | 16 | WA9NRI |
| 6 Meter Club of Chicago | 20,746 | 10 | WA9FIH |
| Central Michigan Amateur Radio Club | 17,836 | 5 | WB8EIY |
| Dayton Amateur Radio Assn. (Ohio) | 16,085 | 7 | WA8BOB |
| Associated Mountain Toppers (Calif.) | 14,168 | 3 | K6YNB |
| Rancocas Valley Amateur Assn. (N.J.) | 7762 | 4 | WB2PZF |
| RCA Amateur Radio Club (Ind.) | 6900 | 4 | AB9CEP |
| Department of State Amateur Radio Club (D.C.) | 6558 | 5 | AA1FEO/3 |
| Gloucester County Amateur Radio Club (N.J.) | 5604 | 4 | WB2FJE |
| Greater Pittsburgh VHF Society Inc. (Pa.) | 5248 | 4 | AC3BWU |
| Southern California VHF Radio Club | 5180 | 4 | WB6IMV |



This is Tom, W1FMF himself, operating 6; his crew put together a new New England Division multi-operator record. The antennas on the left are stacked 6-element Yagis on 6 and an 8-element Yagi and 20-



element collinear for 2. On the right are, top to bottom, 144, 220, 432 and 144 MHz Yagis.



overdue. Consequently, the ARRL Contest Advisory Committee, under the vhf leadership of K6YNB, is investigating several possible changes. Two of them involve the VHF SS in particular and one will affect the QSO Parties as well. We invite you to read the following discussion and then write to the CAC, via ARRL headquarters, expressing your opinions. If enough response is received quickly, the changes may take effect on a trial basis in January, 1977.

The first proposal is to change the SS exchange to (1) number, (2) signal report, and (3) ARRL section. This would eliminate the power designator (precedence) and would replace the year first licensed (check) with a signal report. The power indicator is anachronistic when applied to vhf these days, and the check would be replaced by a much

Top Ten

SINGLE

MULTI

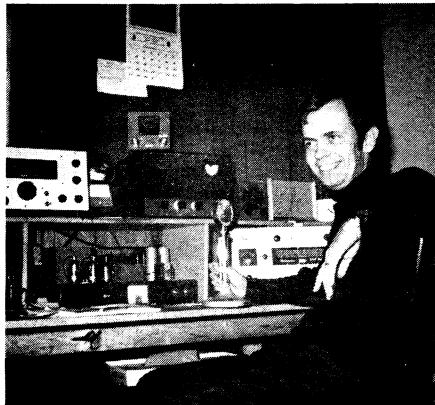
| | | | |
|----------|--------|----------|--------|
| W3HQQT | 41,400 | K2OWR | 65,562 |
| K8LEE | 41,080 | WB8IGY | 60,320 |
| WA1NGR | 33,100 | W1FMF | 46,440 |
| WA3AXV | 31,450 | W8CC1 | 41,440 |
| K3MWV | 31,239 | WA2SNA/2 | 39,235 |
| W3ZD | 27,000 | W3KKN | 38,304 |
| WA6JUD/6 | 23,868 | K3DUA | 26,208 |
| WB2OTK | 23,460 | W2FCL/2 | 21,980 |
| W2BV | 22,540 | W4BFB/4 | 21,880 |
| K3EOD | 22,100 | W2PAU | 21,545 |

more meaningful signal report.

The other VHF SS proposed change is to allow multipliers *per band*, not just once. This is to encourage activity on

more bands (see W1RU's editorial in June *QST*) among other things. Yes, such a change would make comparisons with past VHF Sweepstakes meaningless, and yes, such a change would make comparisons between populous and nonpopulous parts of the country also meaningless. But . . . it would add spice to the activity, and comparisons between widely separated parts of the U.S. have always meant little, if anything, regardless of the contest format and even regardless of whether the contest is hf or vhf. The competition is sectional and divisional, *not* national.

The third trial change is already in effect . . . the new rule regarding channelized fm contacts. It has been tried in the June QSO Party and will be tried again in the September event. The CAC will welcome your comments on



Number-two man in Michigan, WA8EUU, emphasizes this shot was taken *before* the VHF SS.

All-Time Division Leaders

SINGLE OPERATOR

CALL

SCORE

YEAR

DIVISION

CALL

SCORE

YEAR

Scores are grouped by call area, section and in order from highest to lowest score; single-operator first and multi-operator second. Line score indicates: Call, score, number of contacts, multiplier and bands operated; A = 50 MHz, B = 144 MHz, C = 220 MHz, D = 420 MHz.

E = 1215 MHz and above. Asterisks denote Headquarters employees, who are not eligible for awards when operating their own station or that of another staff member.

| | | | | | | | | |
|--------------------|--------------------|--|---|--|---|--|--|--|
| VE | | | | | | | | |
| Maritime | | | | | | | | |
| VE1RC | 1674- 47- 8-A | WA2FAX 520- 20- 3-AB K2OWR(+WA2DBD WB2WIK) 65,562-675-39-ABC | WB2QVH 2640-120- 1-AB AB2WPA 2618-119- 1-B WB2ZL 2610- 87- 5-B WB2AMC 2596-118- 1-AB AC2STM 2574-117- 1-AB K2QIV 2574-117- 1-B WB2RP 2552-116- 1-B WB2CEO 2420-110- 1-B WB2DBA 2376-108- 1-B WB2HJO 2377-107- 1-B K2LDU 2354-107- 1-B K2ZCU 2288-104- 1-B WB2NFY 2266-103- 1-B WB2YQ 2244-102- 1-B WB2SSU 2222-101- 1-B WB2JUE 2200-100- 1-B WB2BEM 2200-100- 1-B WB2EPA 2198-100- 1-B WB2KOK 2118-99- 1-B WB2YEH 2178-99- 1-B WB2LUE 2178-99- 1-B WB2YAH 2156-98- 1-B WB2ZFM 2134-97- 1-B WB2MDO 2113-96- 1-B WB2XPS 2103-95- 1-B K2UXF 2090- 95- 1-B WB2EBF 2090- 95- 1-B WB2HDK 2090- 95- 1-B WB2HJM 2090- 95- 1-B WB2FAD 2068- 94- 1-B WB2JBL 2043- 94- 1-B WB2ILF/2 2024- 92- 1-B WB2ZFM 2002- 91- 1-B WB2RKO 1982- 87- 1-B WB2HTH 1982- 87- 1-B K2KIR 1936-45-12-AB WB2BQA 1914- 87- 1-B WB2JMX 1936- 88- 1-B WB2DFT 1936- 87- 1-B WB2RTH 1936- 87- 1-B WB2KWK 1948- 84- 1-B WB2KWW 1948- 84- 1-B WB2KWW 1904- 88- 1-B WB2EPE 1886-111- 3-B WB2EFV 1880-120- 2-B WB2HJJG 1880-120- 2-B WB2LLN 1856- 84- 7-A WB2VYA 1870- 84- 7-A WB2ZFM 1870- 84- 7-A WB2ZFM 1850-104- 9-B WB2PSJ 1844-123- 4-B WB2JOC 1842-109- 9-B WB2GIA 1840-114- 8-B WB2ZFM 1839-106- 7-B WB2YAA 1839-106- 7-B WB2ZFM 1830-104- 9-B WB2TQ 1820- 85- 5-B WB2PSY 1820- 70- 3-B WB2FJE 1820- 70- 3-B WB2JOC 1708- 61- 4-B WB2GIA 1704- 71- 2-B WB2ZFM 1704- 61- 4-B WB2ZFM 1684- 63- 3-B WB2ZFM 1684- 63- 3-B WB2IOE 1624- 58- 4-B WB2ZMM 1440- 60- 2-B WB2EWN 1344- 56- 2-B WB2GGB 1176- 49- 2-B WB2WOB 1152- 48- 2-B WB2VSL 1152- 48- 2-B WB2VLD 1092- 42- 3-B WB2HFX 1056- 33- 6-B WB2ALQ 984- 41- 2-B WB2ZFM 936- 39- 2-B WB2JUN 858- 33- 3-B WB2KBM 731- 29- 3-B WB2TVP (K2QIJ, op.) 744- 31- 6-B WB2LLF 648- 27- 2-B WB2HOB 552- 23- 2-B WB2LBT 456- 19- 2-B WB2PZD 408- 17- 2-B WB2ZPS 408- 17- 2-B WB2MPZ/M2 392- 17- 2-B WB2SDM 312- 13- 2-B WB2SDO 300- 10- 5-B WB2KUH (K2QIJ, op.) 288- 12- 2-B WB2SNS 216- 9- 2-B WB2BNE/M2 192- 8- 2-B WB2KYO/2 (K2QIJ, op.) 192- 8- 2-B WB2WMM 192- 8- 2-B WB2WMB/2 120- 5- 2-C WB2HBE 96- 4- 2-B WB2KG 66- 3- 1-B WB2PAU (+WB2ESX) WB2BWL 21,545-348-21-ABC WB2JUN 19,488-336-19-ABD WB2LCC (+WA2IV/O) 31,20-120- 3-B AA2VQY/2 (+WB2CAJ WA25) AJX ZMS WB2JZJ 2080- 80- 3-B | WB2QVH 1560- 60- 3-ABC WB2QCB 1300- 50- 3-ABC WB0MSD/3 798- 29- 4-AB WB2QZ 600- 25- 2-B AC3DSZ (K3KW, op.) 504- 21- 2-B K3DU (K+KA3) 260- 10- 3-ABC WB3JUG 2708-336-29-ABC K3IVO (WA3 VVJ AUW RUM) WMN W3DPU K3YDX WBRBCXB) WB3PG (W3V RD W3JHE K3S FME FRX PHH ROJ YZY WA3s CNE HZJ KOC LAW TUN) 11,583-215-17-AB | 4 | | | |
| Quebec | | | | | | | | |
| VE2DFO | 4760- 70-24-AB | WB2FCL/2 (WB2VE WA25 CHM) DQB JXE SLH UOM WB2WBs | WB2QVH 2640-120- 1-AB WB2QCB 2618-119- 1-B WB2AMC 2596-118- 1-AB AC2STM 2574-117- 1-AB K2QIV 2574-117- 1-B WB2RP 2552-116- 1-B WB2CEO 2420-110- 1-B WB2DBA 2420-110- 1-B WB2HJO 2376-108- 1-B WB2YQ 2377-107- 1-B WB2ZFM 2354-107- 1-B WB2NFY 2266-103- 1-B WB2YQ 2244-102- 1-B WB2SSU 2222-101- 1-B WB2JUE 2200-100- 1-B WB2BEM 2200-100- 1-B WB2EPA 2198-100- 1-B WB2KOK 2118-99- 1-B WB2YEH 2178-99- 1-B WB2LUE 2178-99- 1-B WB2YAH 2156-98- 1-B WB2ZFM 2134-97- 1-B WB2MDO 2113-96- 1-B WB2XPS 2103-95- 1-B K2UXF 2090- 95- 1-B WB2EBF 2090- 95- 1-B WB2HDK 2090- 95- 1-B WB2HJM 2090- 95- 1-B WB2FAD 2068- 94- 1-B WB2JBL 2043- 94- 1-B WB2ILF/2 2024- 92- 1-B WB2ZFM 2002- 91- 1-B WB2RKO 1982- 87- 1-B WB2HTH 1982- 87- 1-B K2KIR 1936-45-12-AB WB2BQA 1914- 87- 1-B WB2JMX 1936- 88- 1-B WB2DFT 1936- 87- 1-B WB2RTH 1936- 87- 1-B WB2KWK 1948- 84- 1-B WB2KWW 1948- 84- 1-B WB2EPE 1886-111- 3-B WB2EFV 1880-120- 2-B WB2HJJG 1880-120- 2-B WB2LLN 1856- 84- 7-A WB2VYA 1870- 84- 7-A WB2ZFM 1870- 84- 7-A WB2ZFM 1850-104- 9-B WB2PSJ 1844-123- 4-B WB2JOC 1842-109- 9-B WB2GIA 1840-114- 8-B WB2ZFM 1839-106- 7-B WB2YAA 1839-106- 7-B WB2ZFM 1830-104- 9-B WB2TQ 1820- 85- 5-B WB2PSY 1820- 70- 3-B WB2FJE 1820- 70- 3-B WB2JOC 1708- 61- 4-B WB2GIA 1704- 71- 2-B WB2ZFM 1704- 61- 4-B WB2ZFM 1684- 63- 3-B WB2ZFM 1684- 63- 3-B WB2IOE 1624- 58- 4-B WB2ZMM 1440- 60- 2-B WB2EWN 1344- 56- 2-B WB2GGB 1176- 49- 2-B WB2WOB 1152- 48- 2-B WB2VSL 1152- 48- 2-B WB2VLD 1092- 42- 3-B WB2HFX 1056- 33- 6-B WB2ALQ 984- 41- 2-B WB2ZFM 936- 39- 2-B WB2YAA 858- 33- 3-B WB2KBM 731- 29- 3-B WB2TVP (K2QIJ, op.) 744- 31- 6-B WB2LLF 648- 27- 2-B WB2HOB 552- 23- 2-B WB2LBT 456- 19- 2-B WB2PZD 408- 17- 2-B WB2ZPS 408- 17- 2-B WB2MPZ/M2 392- 17- 2-B WB2SDM 312- 13- 2-B WB2SDO 300- 10- 5-B WB2KUH (K2QIJ, op.) 288- 12- 2-B WB2SNS 216- 9- 2-B WB2BNE/M2 192- 8- 2-B WB2KYO/2 (K2QIJ, op.) 192- 8- 2-B WB2WMM 192- 8- 2-B WB2WMB/2 120- 5- 2-C WB2HBE 96- 4- 2-B WB2KG 66- 3- 1-B WB2PAU (+WB2ESX) WB2BWL 21,545-348-21-ABC WB2JUN 19,488-336-19-ABD WB2LCC (+WA2IV/O) 31,20-120- 3-B AA2VQY/2 (+WB2CAJ WA25) AJX ZMS WB2JZJ 2080- 80- 3-B | Alabama | | | | |
| Ontario | | | | | | | | |
| VE3DSS | 2706- 62-12-B | ETQ DFS MAZ RUM | WB2QVH 2640-120- 1-AB WB2QCB 2618-119- 1-B WB2AMC 2596-118- 1-AB AC2STM 2574-117- 1-AB K2QIV 2574-117- 1-B WB2RP 2552-116- 1-B WB2CEO 2420-110- 1-B WB2DBA 2420-110- 1-B WB2HJO 2376-108- 1-B WB2YQ 2377-107- 1-B WB2ZFM 2354-107- 1-B WB2NFY 2266-103- 1-B WB2YQ 2244-102- 1-B WB2SSU 2222-101- 1-B WB2JUE 2200-100- 1-B WB2BEM 2200-100- 1-B WB2EPA 2198-100- 1-B WB2KOK 2118-99- 1-B WB2YEH 2178-99- 1-B WB2LUE 2178-99- 1-B WB2YAH 2156-98- 1-B WB2ZFM 2134-97- 1-B WB2MDO 2113-96- 1-B WB2XPS 2103-95- 1-B K2UXF 2090- 95- 1-B WB2EBF 2090- 95- 1-B WB2HDK 2090- 95- 1-B WB2HJM 2090- 95- 1-B WB2FAD 2068- 94- 1-B WB2JBL 2043- 94- 1-B WB2ILF/2 2024- 92- 1-B WB2ZFM 2002- 91- 1-B WB2RKO 1982- 87- 1-B WB2HTH 1982- 87- 1-B K2KIR 1936-45-12-AB WB2BQA 1914- 87- 1-B WB2JMX 1936- 88- 1-B WB2DFT 1936- 87- 1-B WB2RTH 1936- 87- 1-B WB2KWK 1948- 84- 1-B WB2KWW 1948- 84- 1-B WB2EPE 1886-111- 3-B WB2EFV 1880-120- 2-B WB2HJJG 1880-120- 2-B WB2LLN 1856- 84- 7-A WB2VYA 1870- 84- 7-A WB2ZFM 1870- 84- 7-A WB2ZFM 1850-104- 9-B WB2PSJ 1844-123- 4-B WB2JOC 1842-109- 9-B WB2GIA 1840-114- 8-B WB2ZFM 1839-106- 7-B WB2YAA 1839-106- 7-B WB2ZFM 1830-104- 9-B WB2TQ 1820- 85- 5-B WB2PSY 1820- 70- 3-B WB2FJE 1820- 70- 3-B WB2JOC 1708- 61- 4-B WB2GIA 1704- 71- 2-B WB2ZFM 1704- 61- 4-B WB2ZFM 1684- 63- 3-B WB2ZFM 1684- 63- 3-B WB2IOE 1624- 58- 4-B WB2ZMM 1440- 60- 2-B WB2EWN 1344- 56- 2-B WB2GGB 1176- 49- 2-B WB2WOB 1152- 48- 2-B WB2VSL 1152- 48- 2-B WB2VLD 1092- 42- 3-B WB2HFX 1056- 33- 6-B WB2ALQ 984- 41- 2-B WB2ZFM 936- 39- 2-B WB2YAA 858- 33- 3-B WB2KBM 731- 29- 3-B WB2TVP (K2QIJ, op.) 744- 31- 6-B WB2LLF 648- 27- 2-B WB2HOB 552- 23- 2-B WB2LBT 456- 19- 2-B WB2PZD 408- 17- 2-B WB2ZPS 408- 17- 2-B WB2MPZ/M2 392- 17- 2-B WB2SDM 312- 13- 2-B WB2SDO 300- 10- 5-B WB2KUH (K2QIJ, op.) 288- 12- 2-B WB2SNS 216- 9- 2-B WB2BNE/M2 192- 8- 2-B WB2KYO/2 (K2QIJ, op.) 192- 8- 2-B WB2WMM 192- 8- 2-B WB2WMB/2 120- 5- 2-C WB2HBE 96- 4- 2-B WB2KG 66- 3- 1-B WB2PAU (+WB2ESX) WB2BWL 21,545-348-21-ABC WB2JUN 19,488-336-19-ABD WB2LCC (+WA2IV/O) 31,20-120- 3-B AA2VQY/2 (+WB2CAJ WA25) AJX ZMS WB2JZJ 2080- 80- 3-B | Georgia | | | | |
| VE3FHK | 2300- 50-13-AB | WB2PNB/2 (+WA2EDD IRN) | WB2QVH 2640-120- 1-AB WB2QCB 2618-119- 1-B WB2AMC 2596-118- 1-AB AC2STM 2574-117- 1-AB K2QIV 2574-117- 1-B WB2RP 2552-116- 1-B WB2CEO 2420-110- 1-B WB2DBA 2420-110- 1-B WB2HJO 2376-108- 1-B WB2YQ 2377-107- 1-B WB2ZFM 2354-107- 1-B WB2NFY 2266-103- 1-B WB2YQ 2244-102- 1-B WB2SSU 2222-101- 1-B WB2JUE 2200-100- 1-B WB2BEM 2200-100- 1-B WB2EPA 2198-100- 1-B WB2KOK 2118-99- 1-B WB2YEH 2178-99- 1-B WB2LUE 2178-99- 1-B WB2YAH 2156-98- 1-B WB2ZFM 2134-97- 1-B WB2MDO 2113-96- 1-B WB2XPS 2103-95- 1-B K2UXF 2090- 95- 1-B WB2EBF 2090- 95- 1-B WB2HDK 2090- 95- 1-B WB2HJM 2090- 95- 1-B WB2FAD 2068- 94- 1-B WB2JBL 2043- 94- 1-B WB2ILF/2 2024- 92- 1-B WB2ZFM 2002- 91- 1-B WB2RKO 1982- 87- 1-B WB2HTH 1982- 87- 1-B K2KIR 1936-45-12-AB WB2BQA 1914- 87- 1-B WB2JMX 1936- 88- 1-B WB2DFT 1936- 87- 1-B WB2RTH 1936- 87- 1-B WB2KWK 1948- 84- 1-B WB2KWW 1948- 84- 1-B WB2EPE 1886-111- 3-B WB2EFV 1880-120- 2-B WB2HJJG 1880-120- 2-B WB2LLN 1856- 84- 7-A WB2VYA 1870- 84- 7-A WB2ZFM 1870- 84- 7-A WB2ZFM 1850-104- 9-B WB2PSJ 1844-123- 4-B WB2JOC 1842-109- 9-B WB2GIA 1840-114- 8-B WB2ZFM 1839-106- 7-B WB2YAA 1839-106- 7-B WB2ZFM 1830-104- 9-B WB2TQ 1820- 85- 5-B WB2PSY 1820- 70- 3-B WB2FJE 1820- 70- 3-B WB2JOC 1708- 61- 4-B WB2GIA 1704- 71- 2-B WB2ZFM 1704- 61- 4-B WB2ZFM 1684- 63- 3-B WB2ZFM 1684- 63- 3-B WB2IOE 1624- 58- 4-B WB2ZMM 1440- 60- 2-B WB2EWN 1344- 56- 2-B WB2GGB 1176- 49- 2-B WB2WOB 1152- 48- 2-B WB2VSL 1152- 48- 2-B WB2VLD 1092- 42- 3-B WB2HFX 1056- 33- 6-B WB2ALQ 984- 41- 2-B WB2ZFM 936- 39- 2-B WB2YAA 858- 33- 3-B WB2KBM 731- 29- 3-B WB2TVP (K2QIJ, op.) 744- 31- 6-B WB2LLF 648- 27- 2-B WB2HOB 552- 23- 2-B WB2LBT 456- 19- 2-B WB2PZD 408- 17- 2-B WB2ZPS 408- 17- 2-B WB2MPZ/M2 392- 17- 2-B WB2SDM 312- 13- 2-B WB2SDO 300- 10- 5-B WB2KUH (K2QIJ, op.) 288- 12- 2-B WB2SNS 216- 9- 2-B WB2BNE/M2 192- 8- 2-B WB2KYO/2 (K2QIJ, op.) 192- 8- 2-B WB2WMM 192- 8- 2-B WB2WMB/2 120- 5- 2-C WB2HBE 96- 4- 2-B WB2KG 66- 3- 1-B WB2PAU (+WB2ESX) WB2BWL 21,545-348-21-ABC WB2JUN 19,488-336-19-ABD WB2LCC (+WA2IV/O) 31,20-120- 3-B AA2VQY/2 (+WB2CAJ WA25) AJX ZMS WB2JZJ 2080- 80- 3-B | Alabama | | | | |
| VE3FVN | 2160- 60- 8-B | WB2PNB/2 (+WB2WTDN) | WB2QVH 2640-120- 1-AB WB2QCB 2618-119- 1-B WB2AMC 2596-118- 1-AB AC2STM 2574-117- 1-AB K2QIV 2574-117- 1-B WB2RP 2552-116- 1-B WB2CEO 2420-110- 1-B WB2DBA 2420-110- 1-B WB2HJO 2376-108- 1-B WB2YQ 2377-107- 1-B WB2ZFM 2354-107- 1-B WB2NFY 2266-103- 1-B WB2YQ 2244-102- 1-B WB2SSU 2222-101- 1-B WB2JUE 2200-100- 1-B WB2BEM 2200-100- 1-B WB2EPA 2198-100- 1-B WB2KOK 2118-99- 1-B WB2YEH 2178-99- 1-B WB2LUE 2178-99- 1-B WB2YAH 2156-98- 1-B WB2ZFM 2134-97- 1-B WB2MDO 2113-96- 1-B WB2XPS 2103-95- 1-B K2UXF 2090- 95- 1-B WB2EBF 2090- 95- 1-B WB2HDK 2090- 95- 1-B WB2HJM 2090- 95- 1-B WB2FAD 2068- 94- 1-B WB2JBL 2043- 94- 1-B WB2ILF/2 2024- 92- 1-B WB2ZFM 2002- 91- 1-B WB2RKO 1982- 87- 1-B WB2HTH 1982- 87- 1-B K2KIR 1936-45-12-AB WB2BQA 1914- 87- 1-B WB2JMX 1936- 88- 1-B WB2DFT 1936- 87- 1-B WB2RTH 1936- 87- 1-B WB2KWK 1948- 84- 1-B WB2KWW 1948- 84- 1-B WB2EPE 1886-111- 3-B WB2EFV 1880-120- 2-B WB2HJJG 1880-120- 2-B WB2LLN 1856- 84- 7-A WB2VYA 1870- 84- 7-A WB2ZFM 1870- 84- 7-A WB2ZFM 1850-104- 9-B WB2PSJ 1844-123- 4-B WB2JOC 1842-109- 9-B WB2GIA 1840-114- 8-B WB2ZFM 1839-106- 7-B WB2YAA 1839-106- 7-B WB2ZFM 1830-104- 9-B WB2TQ 1820- 85- 5-B WB2PSY 1820- 70- 3-B WB2FJE 1820- 70- 3-B WB2JOC 1708- 61- 4-B WB2GIA 1704- 71- 2-B WB2ZFM 1704- 61- 4-B WB2ZFM 1684- 63- 3-B WB2ZFM 1684- 63- 3-B WB2IOE 1624- 58- 4-B WB2ZMM 1440- 60- 2-B WB2EWN 1344- 56- 2-B WB2GGB 1176- 49- 2-B WB2WOB 1152- 48- 2-B WB2VSL 1152- 48- 2-B WB2VLD 1092- 42- 3-B WB2HFX 1056- 33- 6-B WB2ALQ 984- 41- 2-B WB2ZFM 936- 39- 2-B WB2YAA 858- 33- 3-B WB2KBM 731- 29- 3-B WB2TVP (K2QIJ, op.) 744- 31- 6-B WB2LLF 648- 27- 2-B WB2HOB 552- 23- 2-B WB2LBT 456- 19- 2-B WB2PZD 408- 17- 2-B WB2ZPS 408- 17- 2-B WB2MPZ/M2 392- 17- 2-B WB2SDM 312- 13- 2-B WB2SDO 300- 10- 5-B WB2KUH (K2QIJ, op.) 288- 12- 2-B WB2SNS 216- 9- 2-B WB2BNE/M2 192- 8- 2-B WB2KYO/2 (K2QIJ, op.) 192- 8- 2-B WB2WMM 192- 8- 2-B WB2WMB/2 120- 5- 2-C WB2HBE 96- 4- 2-B WB2KG 66- 3- 1-B WB2PAU (+WB2ESX) WB2BWL 21,545-348-21-ABC WB2JUN 19,488-336-19-ABD WB2LCC (+WA2IV/O) 31,20-120- 3-B AA2VQY/2 (+WB2CAJ WA25) AJX ZMS WB2JZJ 2080- 80- 3-B | Georgia | | | | |
| 1 | | | | | | | | |
| Connecticut | | | | | | | | |
| WA1NGR | 33,110-385-33-ABCD | Southern New Jersey | WB2QVH 2640-120- 1-AB WB2QCB 2618-119- 1-B WB2AMC 2596-118- 1-AB AC2STM 2574-117- 1-AB K2YV 2574-117- 1-B WB2PSY (+WA2WJY) | WB3HQT 41,400-462-35-ABCD WB3AXV 31,450-425-27-ABCD K3MWV 31,239-401-29-ABCD WB3ZD 27,000-40-20-ABCD WB3ZD 22,100-325-14-ABCD WB3ZD 20,104-359-18-ABCD WB3ZD 18,420-307-20-ABCD WB3ZD 17,550-294-20-ABCD WB3ZD 16,576-296-18-ABCD WB3ZD 15,200-310-17-ABCD WB3ZD 14,292-347-19-ABCD WB3ZD 13,240-366-14-ABCD WB3ZD 12,200-336-13-ABCD WB3ZD 11,239-351-13-ABCD WB3ZD 10,200-377-13-ABCD WB3ZD 9,160-397-13-ABCD WB3ZD 8,120-417-13-ABCD WB3ZD 7,80-437-13-ABCD WB3ZD 6,40-457-13-ABCD WB3ZD 5,160-477-13-ABCD WB3ZD 4,80-497-13-ABCD WB3ZD 3,40-517-13-ABCD WB3ZD 2,00-537-13-ABCD WB3ZD 1,60-557-13-ABCD WB3ZD 1,20-577-13-ABCD WB3ZD 780-597-13-ABCD WB3ZD 480-617-13-ABCD WB3ZD 380-637-13-ABCD WB3ZD | | | | |

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|---------------------------|------------------|--|--------------------------------------|-----------------|---|----------------|---|---|--|-----------------|----------------|------------------------------------|
| San Francisco | WB4BMV/6 | 4500-150- 5-AB | WB4YOK/8(WA8S TMP WOQ YUZ WB8OTA) | 5328-111-14-ABD | WB4BI(WA8s ZUQ KMH AJZ WB8s ILW RDD) | 7540-145-16-AB | K9DKI W9HPG W9KBU AA9NEJ K9NA/M WA0TDX/9M9 | 352- 16- 1-B 308- 14- 1-B 286- 13- 1-B 264- 12- 1-B 264- 11- 2-B 176- 8- 1-B 154- 8- 1-B 44- 2- 1-B 22- 1- 1-B AD9YHB/9(WA9s EJD TMC K7RBM WB9s OMM GXB) | Iowa | KØMST | 5520- 92-20-AB | |
| San Joaquin Valley | | | Ohio | | West Virginia | | Illinois | | Minnesota | | | |
| W6YKM/6 | 6040-151-10-ABCD | K8LEE | 41,080-316-55-ABD | WB4HAX | 3952- 76-16-AB | 9 | K9HDE W9KTH W9KDR W9NRI WA9LEF | 17,589-222-31-AB 9568-150-22-AB 1728-184-11-ABD 578- 22- 1-B 4136- 94-12-AB 3458- 91- 9-AB 3040- 80- 9-B 2856-119- 2-ABC 1986-119- 2-ABC 7236- 76- 8-AB 2592- 81- 6-B | K9ONA(K9ZWU K9ZWV) 6030-168- 8-AB 792- 36- 1-ABCD | WAØSBZ | 4402- 71-21-AB | WBØPIV(+K1WVE/9) 3640- 91-10-AB |
| K6ZMW/6 | 1850- 37-15-A | WB4CLN | 12,760-169-30-AB | | | | | | | | | |
| W6DPD | 168- 6- 4-AB | K8GKL | 9940-162-25-A | | | | | | | | | |
| 7 | | K8AMI | 5472-114-14-AB | | | | | | | | | |
| | | WB4STX | 3944-116- 7-AB | | | | | | | | | |
| | | WB5GX | 3484- 67-16-A | | | | | | | | | |
| | | WB4BOB | 3020- 76-10-AB | | | | | | | | | |
| | | WB4WF | 2744-169-3-B | | | | | | | | | |
| | | WB4RVI | 1728-141-1-B | | | | | | | | | |
| Arizona | | WA8HPY | 1407- 34-11-AB | | | | | | Missouri | | | |
| K9DKW/7 | 7099-116-21-AB | WB4TLZ | 1364- 31-12-AB | | | | | | WAØTXV | 3900- 75-16-ABD | | |
| W7KVM | 1980- 45-12-AB | WA8KUR | 1152- 48- 2-B | | | | | | WAØCNS | 868- 31- 4-AB | | |
| W7IRC | 1480- 37-10-AB | WB8STQ | 1122- 51- 1-B | | | | | | KØVUY/+(WA9s UYJ TIZ WBØHD1 KØCBA WB9CLN) | | | |
| Oregon | | WA8ZHE | 1008- 42- 2-B | | | | | | 14,196-169-32-AB | | | |
| WA7BJU | 4080-120- 7-AB | KA8QQA | 908- 30- 5-ABCD | | | | | | | | | |
| K7ZCB | 572- 22- 3-AB | WB8ZP | 826- 20- 1-B | | | | | | | | | |
| WA7ECY | 364- 14- 3-AB | AABTYF | 812- 29- 4-A | | | | | | | | | |
| Washington | | WA8RQQ | 806- 31- 3-AB | | | | | | | | | |
| W7KFS | 1540- 55- 4-AB | WB8KSE | 648- 27- 2-B | | | | | | | | | |
| 8 | | WB4RN | 544- 17- 6-A | | | | | | Nebraska | | | |
| | | WB4DW | 506- 23- 1-B | | | | | | KØUBL | 2430- 45-17-AB | | |
| | | WB4AJL | 444- 19- 2-B | | | | | | WAØPRH | 2241- 41-17-A | | |
| | | WB4WV | 402- 19- 2-B | | | | | | WAØTRO/+(WA9s JRD CMW WB8s OBA CBJ CLP WN9s OOU OWZ) | 3922- 53-27-AB | | |
| Michigan | | WB8BAF | 286- 19- 2-B | | | | | | | | | |
| WB8EIY | 7047-122-19-AB | K8DEN | 264- 12- 1-B | | | | | | North Dakota | | | |
| WB8EQU | 5883-124-1-B | K8RXD | 198- 9- 1-B | | | | | | WAØCSL/Ø | 8190-105-29-AB | | |
| AB8EGY | 3312-69-14-AB | WB8RQV | 22- 1- 1-B | | | | | | | | | |
| WB8QN | 660- 30- 1-B | WB8CII(WB8LJL K8TCR WA8s LVJ WXT WQC QMH TYF WB8s EEX CLE GEX) | 60,320-580-42-AB | | | | | | | | | |
| K8AJC | 462- 21- 1-AB | WB8ABN(+K8VKT) | 41,400-460-35-AB | | | | | | | | | |
| WA8ABN(+K8VKT) | 6355-103-21-AB | WB8QKE | 398- 18- 1-B | | | | | | | | | |
| | | WB8MAI | 348- 34- 1-B | | | | | | | | | |
| | | WB9AVE | 398- 18- 1-B | | | | | | | | | |
| | | WB9QKE | 398- 18- 1-B | | | | | | | | | |

how well it is working out. A couple of problem areas have already been uncovered, and will be dealt with in a revised rule. Additional comments from contesters will also be taken into account before any "final" rule is written.

Club Competition

Look at the scores from eastern Pennsylvania and it's easy to guess that the Pack Rats won again. They, along with the Rochester VHF Group, deserve special recognition this year for their concerted efforts to "get out the word" about the VHF SS, after our previously mentioned *QST* bungle. Thanks, people.

We hate that word "people," but it sounds better than "persons."

Rochester, under the leadership of W2ECH, has the answer for getting the troops out. Ed sends ARRL log sheets to all members, with his name and address at the bottom. Club members return their logs to him, he makes up the club list, then sends the whole package in. There are so many WNY scores within a few contacts of each other because every club member worked every other club member (more or less). The only reason we can think of offhand for the Pack Rats' performance each year is that they're like a steam roller: Impossible to stop. **QST**

Division Leaders

| SINGLE OP | DIVISION | MULTIOP |
|-----------|--------------|----------|
| W3HQT | Atlantic | W3KKN* |
| K9HDE | Central | AD9YHB/9 |
| WAØCSL/Ø* | Dakota | WBØPIV* |
| WA5UUD | Delta | — |
| K8LEE* | Great Lakes | WB8IGY* |
| WB2OTK | Hudson | K2OWR* |
| KØ MST | Midwest | KØVUY* |
| WA1NGR* | New England | W1FMF* |
| WA7BJU | Northwestern | — |
| WA6JUD/6* | Pacific | WA6VEF |
| WA4GPM* | Roanoke | W4FBF/4* |
| WA8GUB/Ø | Rocky Mtn. | — |
| AB4OSN | Southeastern | — |
| K9DKW/7 | Southwestern | WB6RIV |
| WB5NCN | West Gulf | — |
| VE2DFO | Canadian | — |

*New Record

Check Logs
 WA1PBU, W1BDM, WA3UDS/3,
 K4EIQ, WA1KGL, W1AL/M,
 K9VJM/M, K9ZWU/M, K9YQJ/M,
 KH6IJ.