

Results, 1993 ARRL January VHF Sweepstakes

I'm hooked on VHF Contesting!—WB2EAR

By Billy Lunt, KR1R and Warren C. Stankiewicz, NF1J
Contest Manager Assistant Contest Manager

The resounding sentiment among this year's January VHF SS participants is that, despite average propagation conditions, high activity levels made the contest interesting and fun from start to finish. Lots of operators made up for the lack of enhanced propagation by getting on more bands, and lots of contacts with rovers and FM stations kept things hopping. Rovers populated rare grid squares all over the country, leading to higher-than-average multiplier totals and microwave activity in the sparsely populated West and in the Northeast.

The January VHF SS, as the only ARRL VHF contest with club competition, draws more casual operators into the fray so they can help the club scores. This year, as last, a significant number of people submitted FM-only entries. Some stations made more than 100 FM contacts by spending a few hours at it, and the Soapbox comments reflect their enjoyment of this activity. If you're a newcomer to VHF contesting, you'll find that the FM activity in contests enhances your hobby, and everyone you work will appreciate making contacts with you. Lots of new licensees are learning about the fun of contests by just giving them a try.

In this year's VHF SS results, the big story is the success of several rover teams and the effects their scores had on the club aggregates.



Paul, K1GX, operates 222 MHz from W1NY, the second-place multiplier operator station.

Top 10

Single Operator

| Call | Score |
|--------|---------|
| N2CEI | 212,212 |
| K1RZ | 206,460 |
| WA2TEO | 205,242 |
| WA3NUF | 164,625 |
| WA8NJR | 141,984 |
| W2HPF | 128,928 |
| VE3ASO | 123,662 |
| N2SB | 120,522 |
| KA2RDO | 119,700 |
| W1RIL | 119,214 |

Single Op, QRP-Portable

| Call | Score |
|---------|--------|
| AF1T | 20,852 |
| WR3I | 15,555 |
| NM1K | 10,296 |
| KH6CP/1 | 8,772 |
| KA1VED | 7,101 |
| WA5DJJ | 3,160 |
| K3QQ | 3,000 |
| K2LEG | 2,247 |
| VE2PIJ | 1,210 |
| NM1K | 1,140 |

Multioperator

| Call | Score |
|--------|---------|
| N2WK | 348,176 |
| W1NY | 311,392 |
| WA3AXV | 268,041 |
| W2SZ | 256,876 |
| W3IP | 145,872 |
| W0RSJ | 121,524 |
| WB2PSI | 116,217 |
| WB2IEY | 112,752 |
| N3CX | 104,625 |
| AA5C | 90,068 |

Limited Multioperator

| Call | Score |
|--------|---------|
| NJ2L | 105,768 |
| K4LTV | 102,904 |
| N8FMD | 80,178 |
| WB2ELB | 60,984 |
| W1QK | 57,040 |
| KU8Y | 47,136 |
| N6RMJ | 34,425 |
| N3ADC | 32,635 |
| KY5N | 25,160 |
| N2NVD | 24,723 |

Rover

| Call | Score |
|--------|-----------|
| KA1QAS | 1,277,860 |
| K1CPJ | 1,269,637 |
| NR1L | 1,252,440 |
| KA1ZE | 1,250,640 |
| KD2KQ | 409,840 |
| N0HJZ | 321,160 |
| W02P | 305,244 |
| KB3PW | 265,200 |
| N2KXS | 250,312 |
| N2HKD | 246,341 |

A four-station group consisting of two father-and-son teams, KA1ZE and NR1L, and K1CPJ and KA1QAS, respectively, ran away with the top-four rover spots and provided a huge boost to the Hampden County RA's aggregate score. The four operators, all equipped for every band from 6 meters through 3456 MHz and 10 GHz, went to four grid intersections and worked each other in turn, from each grid, to make large QSO and grid totals. Then they moved to another four-grid corner and did it again. Although their ingenuity led these four operators to new scoring levels, there's controversy in the VHF/UHF contest community as to whether the rules should be changed to discourage this kind of rover operation in the future. What do you think? Please write to the Contest Branch and tell us.

The value of roving—particularly on the microwave bands, where even nearby grid multipliers are hard to come by—is reflected in other club scores, too. For instance, several large rover entries from the Rochester VHF Group pulled their club's score well ahead of the third-place Mt Airy VHF RC. (Note: This is the first time since 1961 that the Mt Airy VHF RC has not had the highest score in the VHF Sweepstakes!) Adding a microwave rover team or two to your club group next time counts double for you: Every time you work a rover in your club, you both earn points. One detail worth noting: If you're planning a rover



Rhode Island multioperator station owner Rich, K1DS, in the heat of the contest.



Bruce Richardson, KE9QT, on the rove in Minnesota at the junction of grids EN24, EN25, EN45 and EN35.

QSO Leaders by Band

Single Operator

| 50 MHz | 144 MHz | 222 MHz | 432 MHz | 902 MHz | 1296 MHz | 2304 MHz | 3456 MHz |
|------------|------------|-----------|------------|-----------|-----------|-----------|-----------|
| N3BBI 344 | VE3KDH 415 | N2CEI 103 | K1FO 212 | WA2TEO 38 | WA2LTM 58 | WB2YEH 23 | WA3NUF 14 |
| WZ1V 209 | K3ESJ 379 | WA2TEO 92 | K1RZ 128 | N2SB 37 | WA4VHF 55 | WA2LTM 20 | N1DPM 12 |
| WA2TEO 206 | VE3RKK 365 | N1DPM 82 | WA2TEO 124 | N2CEI 36 | N1DQU 49 | WA3NUF 20 | N2CEI 12 |
| KA2RDO 160 | K1RZ 358 | WB2VPH 82 | WB9FWC 116 | W1RIL 34 | WA3NUF 49 | N2SB 19 | WB2YEH 12 |
| K1EM 151 | WZ1V 340 | K3ESJ 81 | WB2VPH 114 | N2CEI 34 | N2CEI 46 | N2CEI 18 | N2SB 11 |
| N2CEI 149 | WB2QQQ 339 | W2XG 80 | W2XG 114 | WA2OMY 33 | WB3DNI 44 | WB3JYO 18 | WB3DNI 11 |
| W3WFM 142 | WA2TEO 337 | N2SB 79 | W1RIL 111 | WB2YEH 32 | K1RZ 42 | WB3DNI 18 | KB2HQ 8 |
| WA3NUF 137 | WA3HMK 333 | WA3YUE 77 | K1TR 110 | WB3JYO 32 | WB3JYO 40 | WA4VHF 17 | KB2YB 8 |
| K1RZ 135 | WB1EQS 328 | WA3NUF 76 | KA2RDO 109 | WA3NUF 32 | WB2YEH 39 | WA3YUE 16 | KB3XG 8 |
| WA8NJR 131 | N2CEI 313 | WB2YEH 75 | N3FUJ 104 | WA3YUE 31 | W3KKN 37 | AK3O 16 | N3AOG 7 |
| WA3YUE 120 | N2LT 308 | N3FUJ 75 | N1DPM 100 | WB3DNI 31 | N2SB 35 | WA2OMY 15 | WA2BAH 6 |
| K3ESJ 119 | N9MKC 300 | K1TR 74 | N2CEI 100 | K3ESJ 30 | WA3YUE 35 | WA3JUF 15 | W2HPF 6 |
| K8MR 115 | WA1MBA 293 | WB3JYO 73 | WA8NJR 100 | KB3IB 30 | N1DPM 34 | N1DPM 14 | WA2OMY 6 |
| W2HRW 113 | N2NEP 285 | K2AN 68 | K3ESJ 99 | N1DPM 28 | WA3JUF 34 | KB3XG 14 | W1RIL 5 |
| K1TR 106 | KA2WMQ 279 | W3KKN 66 | WA3NUF 95 | AK3O 28 | WA2TEO 33 | WA0BWE 14 | WA1MBA 5 |
| W1RIL 106 | AA8Q 279 | | | | W1RIL 33 | | KA2MCU 5 |
| | | | | | WA2ONK 33 | | N2CUA 5 |
| | | | | | K2AN 33 | | WA2LTM 5 |

Multioperator

| 50 MHz | 144 MHz | 222 MHz | 432 MHz | 902 MHz | 1296 MHz | 2304 MHz | 3456 MHz |
|---------------|--------------|--------------|--------------|-----------|------------|------------|------------|
| W2SZ 306 | N3AHF -L 524 | N2WK 135 | W1NY 231 | WA3AXV 45 | WA3AXV 72 | WA3AXV 26 | WA3AXV 15 |
| W1NY 257 | W1NY 457 | W1NY 128 | WA3AXV 176 | W1NY 40 | N2WK 60 | W1NY 24 | N3CX 14 |
| NJ2L -L 255 | WB2IEY 454 | WB2PSI 120 | N2WK 166 | W2SZ 36 | W1NY 56 | W2SZ 24 | AA5C 14 |
| WB2IEY 232 | W2SZ 428 | W2SZ 119 | WB2PSI 137 | N3CX 31 | N3CX 45 | N2WK 18 | W1NY 12 |
| N2WK 196 | N2WK 426 | WA3AXV 117 | NU2U 123 | WB3LNZ 27 | W2SZ 35 | N3CX 17 | WQSS 9 |
| W1QK -L 172 | NJ2L -L 418 | N3CX 93 | W2SZ 110 | N2WK 23 | NU2U 33 | AA5C 14 | W2SZ 7 |
| W0RSJ 160 | W3IP 353 | NU2U 86 | NJ2L -L 108 | N3EXA 23 | W0RSJ 31 | W0RSJ 13 | N2WK 6 |
| K4LVV -L 131 | W1QK -L 351 | WB2ELB -L 85 | N2NVD -L 107 | W0RSJ 21 | w3IP 31 | WQSS 12 | WB3JSU/2 4 |
| WB2ELB -L 127 | WA3AXV 343 | W1QK -L 66 | W3IP 105 | K3EOD 20 | WB2PSI 28 | WB2PSI 11 | W0RSJ 2 |
| W3IP 126 | K4LVV -L 322 | K3EOD 66 | N3CX 96 | W3IP 19 | WQSS 27 | WB3JSU/2 3 | |
| N3ADC -L 118 | K3JFL -L 307 | NJ2L -L 64 | WB2IEY 91 | NU2U 17 | N3EXA 26 | N0KV 2 | |
| W8BI 112 | N8FMD -L 304 | N3EXA 63 | W0RSJ 87 | AA5C 17 | N3ADC-L 25 | N3ITT 23 | |
| NU2U 103 | WB2PSI 300 | WB2IEY 60 | WB3LNZ 82 | WQSS 16 | N3ITT 23 | AA5C 22 | |
| KU8Y -L 102 | NU2U 299 | W0RSJ 59 | W6TRW 74 | N1BWT 9 | AA5C 22 | WB0GGM 20 | |
| N2LXD -L 98 | W0RSJ 278 | N2NVD -L 54 | WB2ELB -L 73 | K1DS 9 | | | |
| | | W3IP 54 | | | | | |

-L denotes Limited Multioperator

expedition that you'd like to count for your club score next January, operate within your club's boundaries as set forth in the Club Competition Rules and Disqualification Criteria (see January 1993 QST, page 52).

The boxes tell the stories of what happened in each category. Congratulations to each category winner, particularly Steve, N2CEI, who won his first major VHF contest this January, after coming in with close second-place scores in 1991 and 1992. Steve's definitive lead over

the remaining top scorers shows what you can do with persistence and a relatively modest station.

In the other categories, the races for the top spots similarly showed clear winners AF1T, N2WK and NJ2L comfortably ahead of their challengers. Although these efforts were impressive, none set new records. The only overall category record to fall in this contest was that for rovers. But 34 Division records fell, including 10 of the 16 rover records. Rover

participation was up significantly this year from last—we received 35% more logs in that category than we did in 1992. Log submissions in most other categories were up, too: We received 1036 entries, almost an 8% increase over last year.

The prominence of rovers this January shows that no matter where you live, if you have any VHF-and-up equipment and you can travel to a scenic overlook or hike to a hilltop for a contest, you can enjoy VHF contesting. Even if you're brand new to ham

Division Leaders

Single Operator

| Division | Call | Score |
|----------------|----------|---------|
| Atlantic | K1RZ | 206,460 |
| Central | W0UC/9 | 74,228 |
| Dakota | *WA0BWE | 63,504 |
| Delta | K5UR | 32,724 |
| Great Lakes | *WA8NJR | 141,984 |
| Hudson | *N2CEI | 212,212 |
| Midwest | *WQ0P | 37,288 |
| New England | WA2TEO | 205,242 |
| Northwestern | KE7CX | 4,096 |
| Pacific | W6RXQ | 6,966 |
| Roanoke | *K2UOP/8 | 80,730 |
| Rocky Mountain | WA7PIB | 1,962 |
| Southeastern | KA2DRH | 23,180 |
| Southwestern | WA6RAY | 12,168 |
| West Gulf | N5WS | 33,592 |
| Canada | *VE3ASO | 123,662 |

Single Operator, QRP-Portable

| Call | Call | Score |
|----------------|---------|--------|
| Atlantic | K3QQ | 3,000 |
| Central | *WD9BGA | 462 |
| Dakota | — | — |
| Delta | — | — |
| Great Lakes | *W8XT | 273 |
| Hudson | *K2LEG | 2,247 |
| Midwest | — | — |
| New England | *AF1T | 20,852 |
| Northwestern | KA7EXM | 10 |
| Pacific | N6UGR | 40 |
| Roanoke | *WR3I | 15,555 |
| Rocky Mountain | — | — |
| Southeastern | — | — |
| Southwestern | WA5DJJ | 3,160 |
| West Gulf | — | — |
| Canada | *VE2PIJ | 1,210 |

Multioperator

| Division | Call | Score |
|----------------|---------|---------|
| Atlantic | N2WK | 348,176 |
| Central | — | — |
| Dakota | *WB0GGM | 27,280 |
| Delta | *KC4YO | 69,160 |
| Great Lakes | W8BI | 37,054 |
| Hudson | W2SZ | 256,876 |
| Midwest | — | — |
| New England | W1NY | 311,392 |
| Northwestern | — | — |
| Pacific | — | — |
| Rocky Mountain | *N0KV | 19,100 |
| Roanoke | W4DW | 23,249 |
| Southeastern | — | — |
| Southwestern | W6TRW | 12,493 |
| West Gulf | *AA5C | 90,068 |
| Canada | — | — |

Limited Multioperator

| Division | Call | Score |
|----------------|---------|---------|
| Atlantic | WB2ELB | 60,984 |
| Central | *N9BJG | 10,075 |
| Dakota | *N0TCN | 224 |
| Delta | *N5KWB | 5,684 |
| Great Lakes | KU8Y | 47,136 |
| Hudson | N3AHF | 24,104 |
| Midwest | WA0KBZ | 1,450 |
| New England | *NJ2L | 105,768 |
| Northwestern | — | — |
| Pacific | WA6YBN | 8,580 |
| Roanoke | *K4LVV | 102,904 |
| Rocky Mountain | — | — |
| Southeastern | WB4YWK | 2,000 |
| Southwestern | *N6RMJ | 34,425 |
| West Gulf | *KY5N | 25,160 |
| Canada | *VE3DEW | 7,120 |

*Denotes new Division record



Steve, KD2KQ, and Dave, KD5RO, operated from seven grids with Steve's two-mast, 12-band truck!

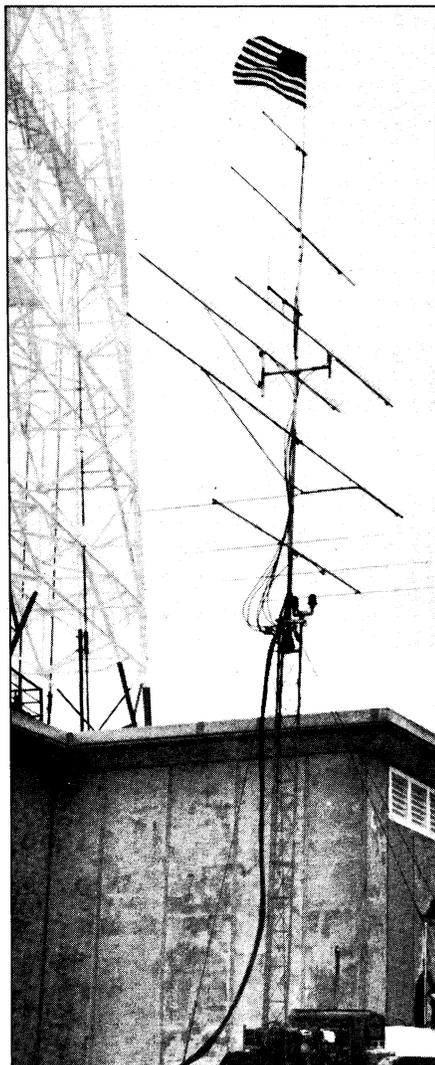
Multiplier Leaders by Band Single Operator

| 50 MHz | | 144 MHz | | 222 MHz | | 432 MHz | | 902 MHz | | 1296 MHz | | 2304 MHz | | 3456 MHz | |
|--------|----|---------|----|---------|----|---------|----|---------|----|----------|----|----------|---|----------|---|
| N3BBI | 57 | N9MKC | 60 | K1RZ | 30 | K1RZ | 35 | WA2TEO | 15 | WA2LTM | 18 | WA2LTM | 9 | W2HPF | 5 |
| W0UC/9 | 54 | WA8NJR | 57 | WB9OJR | 29 | WA8NJR | 35 | VE3ASO | 14 | WA4VHF | 18 | N2CEI | 7 | N2CEI | 4 |
| WA8NJR | 44 | AA8Q | 57 | WA2TEO | 27 | WA8WZG | 32 | N2CEI | 13 | N2IQU | 16 | W2HPF | 6 | KD2YB | 4 |
| KA2RDO | 39 | WB9OJR | 55 | WA8NJR | 25 | WB9OJR | 32 | W1RIL | 10 | K1RZ | 15 | WA0BWE | 6 | W1RIL | 3 |
| K1RZ | 39 | K1RZ | 53 | KE8FD | 22 | K1FO | 31 | N2LIV | 10 | N2CEI | 14 | VE3ASO | 6 | N1DPM | 3 |
| WA2TEO | 37 | KA3FZF | 52 | VE3ASO | 22 | KE8FD | 31 | W2HPF | 10 | WA2TEO | 13 | W1RIL | 5 | WA1MBA | 3 |
| WZ1V | 36 | WA8WZG | 52 | N2CEI | 21 | K2UOP/8 | 30 | N1DPM | 9 | WA3NUF | 13 | WA1MBA | 5 | WA2LTM | 3 |
| W3WFM | 32 | WA3HMK | 51 | W0UC/9 | 21 | KA2RDO | 28 | WA1MBA | 9 | WA8WZG | 12 | WB2YEH | 5 | N2SB | 3 |
| W2HPF | 29 | VE3KDH | 51 | KA2RDO | 20 | W0UC/9 | 28 | N2SB | 9 | WQ0P | 12 | WB3JYO | 5 | WA3NUF | 3 |
| NW3C | 28 | W2YV | 50 | WA3NUF | 20 | WQ0P | 28 | WB3JYO | 9 | WA1MBA | 11 | WA3JUF | 5 | WA2OMY | 3 |
| N2CEI | 27 | KE8FD | 50 | K2UOP/8 | 20 | KA2DRH | 27 | WA3YUE | 9 | WA0BWE | 11 | N1DPM | 4 | WB1FKF | 2 |
| K8MR | 27 | KB8NNE | 49 | K1TR | 19 | WA8R/9 | 27 | KB3IB | 9 | VE3ASO | 11 | N2SB | 4 | WB2YEH | 2 |
| N0LL | 27 | K2UOP/8 | 48 | N2SB | 19 | VE3ASO | 27 | WZ1V | 8 | K2LME | 10 | KD2YB | 4 | WB3DNI | 2 |
| K3MD | 26 | WZ8T | 47 | W2HPF | 19 | WA2TEO | 26 | WB2YEH | 8 | W1RIL | 9 | W2DYY | 4 | N3AOG | 2 |
| KA2DRH | 26 | VE3RKK | 45 | K3LYW | 19 | WB0CLL | 26 | WA2ONK | 8 | WA3YUE | 9 | WA3NUF | 4 | KB3XG | 2 |
| WA8WZG | 26 | | | | | | | K1RZ | 8 | WB3DNI | 9 | WA3YUE | 4 | WB9OJR | 2 |
| KB8ZW | 26 | | | | | | | | | KB3IB | 9 | WA4VHF | 4 | WB9SNR | 2 |
| K8WW | 26 | | | | | | | | | WB9OJR | 9 | K0FQA | 4 | VE3ASO | 2 |

Multioperator

| 50 MHz | | 144 MHz | | 222 MHz | | 432 MHz | | 902 MHz | | 1296 MHz | | 2304 MHz | | 3456 MHz | |
|----------|----|-----------|----|-----------|----|-----------|----|----------|----|----------|----|----------|---|----------|---|
| K4LVV -L | 53 | KC4YO | 59 | N2WK | 31 | KC4YO | 33 | W2SZ | 13 | WA3AXV | 19 | W2SZ | 9 | W2SZ | 5 |
| W8BI | 45 | N8FMD -L | 56 | WB2PSI | 28 | N2WK | 32 | WA3AXV | 13 | N2WK | 17 | N2WK | 8 | AA5C | 5 |
| N2WK | 37 | N2WK | 49 | W1NY | 22 | K4LVV -L | 29 | W1NY | 10 | W2SZ | 14 | WA3AXV | 8 | WQ5S | 4 |
| KC4YO | 37 | K4LVV -L | 48 | K4LVV -L | 22 | W1NY | 28 | N3CX | 8 | W1NY | 13 | W1NY | 6 | W1NY | 3 |
| W1NY | 33 | N3AHF -L | 46 | N8FMD -L | 22 | W3IP | 28 | W3IP | 7 | N3CX | 12 | WB2PSI | 6 | N2WK | 3 |
| KY5N -L | 33 | W3IP | 45 | W3IP | 21 | N8FMD -L | 27 | N2WK | 6 | WB2PSI | 10 | W0RSJ | 4 | WA3AXV | 3 |
| N8FMD -L | 33 | W8BI | 41 | W2SZ | 20 | WB2PSI | 26 | W0RSJ | 6 | W3IP | 10 | N3CX | 4 | N3CX | 3 |
| KU8Y -L | 32 | K3JFL -L | 39 | WA3AXV | 20 | WA3AXV | 25 | WB3LNZ | 6 | WB0GGM | 9 | AA5C | 4 | WB3JSU/2 | 2 |
| NJ2L -L | 31 | WB2IEY | 37 | WB2ELB -L | 19 | W2SZ | 22 | WB2IEY | 5 | W0RSJ | 7 | WQ5S | 4 | W0RSJ | 2 |
| W2SZ | 31 | WB2PSI | 37 | KC4YO | 19 | WB0GGM | 22 | NU2U | 5 | N3ADC -L | 7 | N0VK | 2 | | |
| W3IP | 31 | NJ2L -L | 35 | W1QK -L | 18 | NJ2L -L | 21 | K1DS | 4 | WQ5S | 7 | WB3JSU/2 | 1 | | |
| WB2IEY | 28 | W2SZ | 35 | NJ2L -L | 17 | W0RSJ | 21 | WB3JSU/2 | 4 | WB2IEY | 5 | W3IP | 1 | | |
| N2LXD -L | 27 | KU8Y -L | 35 | WB2IEY | 17 | N3CX | 21 | N3EXA | 4 | NU2U | 5 | | | | |
| W0RSJ | 27 | WA8DQR -L | 34 | N3CX | 17 | KY5N -L | 19 | AA5C | 4 | N3ITT | 5 | | | | |
| WQ5S | 25 | W1QK -L | 33 | W0RSJ | 16 | WB2ELB -L | 17 | WQ5S | 4 | W4DW | 5 | | | | |
| | | W1NY | 33 | | | N6RMJ -L | 17 | | | AA5C | 5 | | | | |
| | | NU2U | 33 | | | | | | | W6TRW | 5 | | | | |
| | | WA3AXV | 33 | | | | | | | | | | | | |
| | | VE3DEW -L | 33 | | | | | | | | | | | | |

L denotes Limited Multioperator



Rover team KA1TBS and KA1QFE stopped here in Peru, Massachusetts, with its trailer-mounted, five-band Rover setup.

radio and your only rig is a 2-meter FM handheld transceiver, you can participate.

With springtime weather here and VHF/UHF Sprint season just over, we look forward to seeing you in the June VHF QSO Party this month! See May *QST*, page 125, for the details.—*Rus Healy, NJ2L, Senior Assistant Technical Editor*

SOAPBOX

The band wasn't as active as I thought it would be (N1HAX). It's always a challenge to work at least one new grid square in the contest (K1DAT). Unfortunately, there wasn't any aurora or sporadic-E for this contest, but I got to experiment with different radios and antennas (WB2AMU). I can't wait for the June contest and, I hope, better band openings (WA2AEY). Grids were easier on 50 MHz Saturday and easier on 144 MHz Sunday (WA3AQA). I didn't hear the stations people up north did. I was surprised at the amount of activity (WD4AHZ). I drove more than 600 miles on snow and ice to help everyone out (K6AAW). This was my first time on 2-meter SSB from Vermont and I had a ball! (WB1BRE). Band conditions were generally not good (WA2BPE).

Affiliated Club Competition

| Club | Score | Entries | Single-Op Winner |
|----------------------------------|-----------|---------|------------------|
| Unlimited Category | | | |
| Hampden County Radio Assn | 6,189,502 | 50 | WA2TEO |
| Rochester VHF Group (NY) | 2,568,944 | 63 | W2HPF |
| Mt Airy VHF Radio Club | 2,056,420 | 57 | WA3NUF |
| Schenectady ARA | 135,611 | 52 | KB2HQ |
| Medium Category | | | |
| Xerox ARC | 1,066,383 | 37 | WM3D |
| Northern Lights Radio Society | 890,391 | 19 | W0UC/9 |
| Northern Texas Microwave Society | 268,583 | 9 | N5WS |
| Delaware Valley VHF Society | 263,886 | 12 | KA2WKA |
| Potomac Valley Radio Club | 118,355 | 5 | K3LYW |
| Albany ARA | 111,574 | 39 | WA2BAH |
| Yankee Clipper Contest Club | 97,962 | 5 | K1TR |
| Mount Tom ARA | 56,176 | 21 | KC1OR |
| Quaboag Valley ARC | 53,074 | 16 | K1ISW |
| Rip Van Winkle ARS | 45,285 | 11 | WA2FUZ |
| South Jersey Radio Assn | 43,259 | 10 | K2YY |
| Six Meter Club of Chicago | 42,462 | 22 | WA9FIH |
| Ventura County ARC | 35,613 | 3 | KC6TJV |
| Mad River Radio Club | 31,322 | 4 | K8MR |
| Troy ARA | 19,953 | 13 | WA1KKM |
| Rochester DX Association | 18,574 | 21 | AA2IO |
| Rochester (MN) ARC | 10,502 | 38 | N0CCK |
| Michigan City ARC | 7,217 | 8 | K9DZE |
| Warminster ARC | 4,390 | 4 | N3HBT |
| Mobile Sixers RC | 3,927 | 8 | N3EMQ |
| Local Category | | | |
| Hudson Watershed VHF Society | 113,022 | 6 | N2GDY |
| TRW ARC | 29,031 | 5 | WA6RAY |
| BEARS of Manchester | 18,537 | 3 | NM1K |
| Elmwood Park ARC | 7,269 | 3 | K9YHB (N9OWR,op) |
| Naked Chicken Contest Club | 433 | 4 | K1CE |

N1JSK 276 92 3 S B
N1JOF 240 34 6 S ABD
W1ALL 219 73 3 S B
W1MM 204 68 3 S B
N1MIA 200 40 5 S AB
N1LZE 128 64 2 S B
W1YQA 125 25 5 S AB
N1LKT 116 29 4 S B
K1AUIV 66 33 2 S B
N1JZO 88 44 2 S B
N1NOZ 66 33 2 S B
K1JNT 64 16 4 S AB
N1MHG 56 28 2 S B
K1UJT 54 18 3 S AB
N1IIP 50 25 2 S B
W1KK 44 11 4 S B
N1JBW 20 10 2 S B
W3ARKB 1 1 1 S B
N1MK 1,140 52 15 Q ABCDE
N1HQ 228 44 4 Q BD
NC11 2 1 1 Q D
W1NY (AC1T,K1GX,K1A1WER,NC1S B,I,
WA1UOC,ops)

W1KGR (A11E,N1S DJM,EJG,KEX,L,YJ,
NBD,WA1ZUH,WT1W,ops)
15,846 346 38 L ABCD

2
Eastern New York

WA2FUZ 40,404 330 84 S ABCD9E
WA2BAH 36,232 356 56 S ABCD9EFGHJ
KB2HQ 27,600 315 40 S ABCD9EFGHJ
W3HHN 24,138 328 54 S ABCD9EFGHJ
WB2WHD 16,086 272 42 S ABCDE
N2OJY 10,764 310 26 S ABCD
AA2DR 10,038 185 42 S ABCD
WA2WQZ 9,792 226 34 S ABCD
WA1KBM 5,518 161 31 S ABD
KB2FTX 5,076 164 27 S ABD
WB2CLN 4,833 157 27 S ABCEI
KA2MCU 4,522 96 19 S ABCD9EFGHJ
N2OFH 4,284 110 24 S ABCD9EFGI
KB2HPW 3,942 158 18 S ABCD
WB2VVO 3,872 173 22 S ABD
K2UF 3,640 172 20 S BD
WB2YLR 3,564 172 18 S BD
N2QII 3,549 215 13 S ABD
WY2H 3,476 133 22 S BD
WY2Y 3,390 165 15 S ABCD
KA2TJZ 3,375 170 15 S ABCD
WA2SRP 2,717 143 19 S AB
N2CUA 2,717 77 13 S AB9EFGHI
WA2UYL 2,530 115 22 S AB
WB2MRX 2,397 141 17 S AB
K2RI 2,093 107 13 S BD
N2LUD 1,860 119 12 S ABCD
WA2WV 1,814 141 10 S ABCE
N2RKC 1,790 52 10 S BD
WA2MKJ 1,740 106 15 S ABC
N2ECC 1,649 96 17 S ABD
N2LBR 1,638 105 14 S ABD
N2QPI 1,530 134 9 S BD
N2API 1,450 123 10 S ABCD
N2JVE 1,386 109 11 S ABD
KB2JZJ 1,362 110 10 S ABD
N2AOZ 1,296 84 12 S ABD
WG2E 1,280 111 9 S BD
KE2UJ 1,092 116 7 S BC
K2SJI 1,040 72 13 S BCD
WB2BEJ 1,014 56 13 S ABCD
WB2EAR 987 110 7 S BD
WB2XK 983 108 9 S BD
WZ2X 970 75 10 S ABCD
K2XA 957 87 11 S AB
N2FNH 912 73 8 S BCD
N2PEQ 800 100 8 S ABCD
N2DGI 693 11 11 S BD9EFGHJ
WQ2V 605 24 11 S BCD9FGI
N2LEX 600 120 5 S B
N2RFX 583 53 10 S ABD
KB2HPX 576 83 6 S BC
WA2YBM 525 105 5 S B
N2PDI 520 50 8 S BC
KA2AME 510 14 10 S ABCDEIJ
WB2KDD 480 76 6 S BD
WA2YEI 476 30 14 S ABD
WA2ZWS (DL1ZR,ops)
474 65 6 S BD
K2ANL 430 43 10 S A
N2RPU 388 97 4 S B
WD2K 366 60 6 S BD
WB2OHZ 357 51 7 S AB
W2FK 324 27 12 S AB
WB2G 270 54 5 S B
KE2K 268 67 5 S B
WB2VJC 255 51 2 S B
WB2SPN 232 58 4 S B
KA2VNP 222 25 6 S AD
N2ROQ 216 23 6 S BCD
N2SQV 200 40 5 S B
WB2FWK 200 50 4 S B
WB2ZCM 188 47 4 S B
N2AIF 188 47 4 S B
N2GDY 160 18 8 S BCD
K2DBU 153 51 3 S B
N2FIN 144 48 3 S B
N2COU 132 12 11 S AB
KB2CWX 130 8 5 S ABCEI
N2JUE 114 19 6 S AB
WA2QIN 102 12 6 S ABCDE
WB2FOB 102 34 6 S B
W2KHO 90 17 5 S BD
KE2JJ 84 28 3 S B
WB2UEB 80 16 4 S BC
KA2WEI 74 37 2 S B
N2SQO 64 12 4 S BD
NY2U 63 18 3 S BD
W3ARKB 62 31 2 S BCD
WF2B 60 26 2 S BD
WB2HKR 60 13 4 S BD
N2DHH 42 8 3 S BCD
WB2VXS 36 18 2 S B
W2ODC 33 10 3 S BC
WV2F 33 8 3 S ABD
N2GKM 30 6 3 S BCD
WB2VMS 30 6 3 S BCD
AA2DC 28 14 2 S B
W2ARQ 24 4 4 S ABCD
KB2NRW/N 20 5 2 S C
N2OJZ 14 7 2 S B
WB2KBP 10 5 2 S AB

N2NQX 8 1 1 S I
WA2OYV 8 4 2 S AB
WA2FME 8 4 2 S AB
WB2FMB 4 2 2 S AB
KA2TFM 3 3 1 S B
K2LEG 2,247 107 21 Q B
N2RDR 910 130 7 Q B
N2PDF 200 50 2 Q B
N2OWB 18 9 2 Q B
W2SZ (AA1AA,K1s PRT,UTM,KC1ZN,
KE2TP,N2s GXH,HPA,NZI,WA2AAU,
WS2B,KD3NC,ops)
256,876 1065 149 M ABCD9EFG
WB2IEY (+KD2IX,N2s DHH,DVG,FMC,
GCZ,GKM,NQX,OLW,WB2s NHC,NVR,VVS,
N3KVU) 112,752 850 108 M ABCD9EI
N2LQS (+N2SBB,WA3RKB)
5,580 238 18 L BCD
KB2OCA (+N2QIP)
4,692 220 17 L ABD
KG2H (+N2PBC)
4,611 159 29 L AB
KB2PSX (+KB2PSY,N2TND)
1,411 70 17 L ABCD

NY-Long Island
N2LIV 70,406 464 94 S ABCD9E
WZ2O 31,248 244 72 S ABCD9E
WA2EIO 6,525 158 29 S BDE
WA2SLY 5,792 181 32 S B
N2FXF 2,538 76 27 S ABCD
N2ZHS 1,038 58 14 S ABD
NB2V 486 27 9 S D
N2TBA 440 44 10 S B
N2FXE 297 27 11 S B
WB2AMU 238 34 7 S A
N2NSY 85 17 5 S B
K2OV5 72 12 6 S A
WG2I 1,066 82 13 Q B
WB2JKJ (+ops)
8,613 277 27 L BCD

Northern New Jersey
N2CEI 212,212 783 143 S ABCD9EFGHJ
N2LT 27,560 462 53 S ABD
WA2LTM 12,960 83 30 S EFG
N2CKH 11,844 204 47 S ABCD
WB2QOQ 9,492 339 28 S B
K2BKIR 3,504 114 24 S BCDE
K4BNC 3,270 82 30 S ABD
WB2JTE 2,160 104 18 S BCDE
N2LMU 1,012 92 11 S B
AA2U 884 48 13 S BCD
WA2VYA 816 50 16 S ABD
N2OGU 704 58 11 S BCD
KB2EBL 630 105 6 S B
N3AHF (+K3SD)
244 104 52 46 L B
KT2K (N2s FHC,QBR,NJ2,NX2,WB2IH,ops)
14,304 254 48 L ABD
K2DEL (N2s DXP,GCM,SU,WB2VLC,ops)
660 55 12 L A

Southern New Jersey
N2SB 120,522 536 106 S ABCD9EFGH
WB2YEH 91,125 512 81 S ABCD9EFG
WB3JYO 75,558 427 82 S ABCD9EFG
KA2WKA 52,632 431 86 S ABD9E
W2HRW 26,904 378 59 S ABD
WA2ONK 26,352 270 48 S BD9E
W2EIF 22,455 285 45 S ABCD9EFG
KA2WMO 22,320 410 48 S ABD
K2YV 15,840 247 10 S ABCDE
K3GV5 15,561 253 39 S ABCD9E
W2PAU 12,051 254 39 S ABD
W2EA 11,696 249 43 S ABD
WK6G/2 5,590 169 26 S BD
WB2VLA 4,344 131 24 S ABCD
K2QWQ 2,070 127 15 S BD
KC2TA 2,040 102 20 S B
N2SCJ 1,778 123 14 S ABD
N2DEQ 1,344 94 14 S BC
N2JWQ 945 63 15 S B
W2FGY 890 89 10 S B
KS2T 418 35 11 S AC
N2QNX 399 57 7 S B
K2PS 380 95 4 S B
KA2FKO 150 50 3 S B
WB2RVX 135 27 5 S AB
WA2YRW 128 29 4 S BD
W2ORA 78 39 2 S B
N2AWC 32 16 2 S B

Western New York
W2HPF 128,928 529 136 S ABCD9EFGH
KA2RDO 119,700 584 133 S ABCD9EFG
K2AN 86,317 483 S ABCD9E
K2DYB 63,279 394 79 S ABCD9EFGI
K2OS 38,088 350 69 S ABCDE
N2IQU 36,312 296 68 S ABDE
N2ODK 34,155 410 55 S ABCD9E
N2NEP 30,415 418 55 S ABCD9
NM2J 20,492 326 47 S ABCD9
W2DYY 20,776 216 31 S ABDEF
WA2BPE 18,980 221 73 S ABD
N2LBE 18,722 274 46 S ABCD9E
WB2VPH 18,075 488 25 S ABCDE
WA2ZNC 15,204 272 42 S ABCD9E
KA2HSK 14,560 320 35 S ABD
KA2J 14,160 364 30 S ABCD
W2XG 14,112 478 30 S ABCD9EFG
AF2K 9,326 333 27 S ABCD
KA2ENE 9,576 319 24 S ABD
KE2PM 8,615 196 43 S ABD
N2OHP 7,364 158 28 S ABCD9
K2OEQ 7,359 199 33 S ABD
W2UAD 7,328 229 32 S B
WY2Z 5,814 272 17 S ABCD
KE2GD 4,681 151 31 S B
WA2YTM 4,575 145 25 S ABCD
K2SA 4,500 225 15 S BCD
WB2TPN 4,100 149 20 S ABCD
N2OPT 3,979 135 23 S ABCD
W2EQW 3,972 273 12 S ABD
K2JQ 3,840 128 30 S B
W2IOG 3,666 105 26 S B
WA2RQW 3,648 120 26 S B
W2CNS 3,600 147 20 S ABD
K2VW 3,576 149 24 S AB
K2UA 3,399 54 33 S BCD9E
WA2URE 3,234 241 11 S BCD
N2IZW 3,180 195 12 S BCD
AA2IO 2,844 148 18 S BC

WM3D 2,816 207 11 S BD
WB2JFL 2,783 121 23 S B
K2JD (AF2K,ops)
2,544 123 16 S ABCD
N2OSM 2,520 84 30 S B
K2MP 2,519 206 11 S ABCD
N2LZH 2,484 78 27 S BD
N2HJD 2,352 100 16 S ABCD
WA2VEZ 2,285 15 15 S B
W2WGL 2,250 70 25 S BD
KD2TJ 2,196 100 18 S ABCD
KE2LW 2,100 155 12 S ABD
N2HYU 2,032 204 8 S BD
K2KWK 2,028 132 13 S BC
KE2GZ 1,911 125 13 S ABCD
N2RYU 1,909 83 23 S A
W2WJ 1,560 120 13 S B
WJ2W 1,480 148 10 S AB
KB2CHY 1,416 153 8 S BD
K2JJT 1,356 113 12 S B
N2BKS 1,300 50 26 S B
AA2LQ 1,248 128 8 S BD
N2LWY 1,125 57 15 S ABD
N2MXD 954 9 9 S B
N2MXG 850 73 10 S ABCD
K2SKO 805 161 5 S B
KA1CNF 760 70 8 S ABC
KB2SG 740 185 4 S B
W2HG 728 84 8 S BD
WA2EKT 670 87 10 S B
N2CIV 630 65 9 ABD
KB2KJV 627 39 11 S ABCD9E
WA2AEY 612 51 12 S B
KE2OW 539 62 7 S BC
W2OMV 524 131 4 S B
W2WJ 520 130 4 S B
KF2BL 496 124 4 S B
KB2CL 488 122 4 S B
KE2GJ 465 93 5 S AB
N2BHL 450 59 6 S BCD
KB2NU 432 108 4 S B
K2ANC 360 56 6 S BD
N2ROQ 360 90 4 S B
KA2IYB 336 84 4 S B
KF2JC 292 73 4 S B
WR2T 272 53 4 S BD
N2SLY 232 23 8 S ABD
N2PSH 225 55 4 S B
KE2LY 216 54 4 S B
KA2VOS 207 69 3 S B
KE2OW 204 51 4 S B
KE2OX 200 50 4 S B
N2PMZ 195 65 3 S B
N2PKB 192 48 4 S B
KE2LU 156 52 3 S B
N2SBC 126 16 4 S BD
KA2X 72 24 3 S B
N2MQQ 70 12 5 S BC
AG2Y 69 23 3 S B
WE2T 66 22 3 S B
K2LYV 64 32 2 S B
N2LPP 60 30 2 S B
WA2UTG 60 30 2 S B
G2P 50 25 2 S B
N2QOI 48 16 3 S B
WA2HCL 45 15 3 S B
WT1O 40 20 2 S BD
N2PKE 18 5 2 S BD
KE2UV 15 5 3 S B
KE2WK 8 2 2 S B
WK2N 1 1 1 S B
N2LSZ 1 1 1 S B
WX3P 330 45 6 Q BD
N2WK (+KB2SE,KE2WK,N2DKP,WA2TMC)
348,178 1043 188 M ABCD9EFGHIL
WB2PSI (AA2JN,KE2CP,WA2ZKD,WB2s BYP,
GCJ,ops)
116,217 629 111 M ABCDEF
NU2U (+N2s HFO,HJD,NFN,NR2M)
84,722 667 79 M ABCDEIL
WB3JUSJ (+NA2O)
19,658 194 56 M ABCD9EFG
N2JJI (+KA1CNF,AA2LQ,KE2s LU,OW,N2s IGS,
OPV,PKE,QDC,WR2T)
9,995 228 28 M ABCD
WB2ELB (+KB2s DSW,DSX)
60,984 535 88 L ABCD
N2NVD (+KB2KJT,N2OFN,NS9E)
24,723 442 41 L ABCD
N2HLT (KB2DMK,N2s HWQ,ODA,OLA,
QJU,WA2IPZ,N3s GZV,KCM,MZS,ops)
22,322 336 59 S ABCD
N2LXD (+AA2SV,KB2s MRZ,OAZ,N2s LYZ,
MLT,WA3MKT)
18,358 251 67 L ABD
K1NKR (+KU2A)
2,697 82 29 L ABCD
N2LPO (+KB2LWX)
100 50 2 L B

3

Delaware
KB3PD 16,320 255 51 S BD
K4CHE 13,720 200 56 S ABCD
KA3WSZ 11,154 268 39 S BC

Eastern Pennsylvania
WA3NUF 164,625 651 125 S ABCD9EFGIJ
K3ESJ 115,290 738 105 S ABCD9E
WA3YUE 108,834 596 102 S ABCD9EFG
K3ESJ 93,492 515 95 S ABCD9EFGH
WAZOMY 60,270 391 70 S ABCD9EFGH
KB3BI 45,732 333 74 S ABCD9E
AK3O 45,360 405 56 S ABCD9EFG
W3KKN 44,520 406 60 S ABCD9EFG
WA3JUF 39,930 313 55 S ABCD9EFG
N3AOG 38,168 314 52 S ABCD9EFGHJ
W3HIT 34,905 396 65 S ABCDE
WA3YON 30,400 276 80 S ABCD9E
N3FLU 29,760 441 48 S BCD
N3BBI 26,560 415 64 S AB
KB3XG 24,559 226 41 S ABCD9EFG
WA3AQA 21,756 341 49 S ABCD
K2X3 18,176 219 94 S ABD
W3VIR 17,343 209 41 S ABD9EFG
WA3HMK 16,983 333 51 S B
K3IUJ 16,128 276 36 S ABCDE
KB3ZS 16,080 284 40 S BDE
W3GAD 15,834 287 42 S BD
W3GXB 14,580 264 36 S ABCD9
WA3EHD 14,518 328 34 S ABCD
WA3IAC 10,725 247 25 S ABCD9E
K3KEL 9,990 222 45 S AB

WB8ZAR 8,910 189 33 S BCDE
N3NGE 8,764 210 28 S BCD
WQ3X 6,468 196 33 S AB
K3EBZ 5,860 202 20 S ABCDE
WR3P 5,221 189 23 S ABC
K3BPP 5,014 137 23 S ABCDEF
N3JLK 4,941 147 27 S ABCD
WA3PEB 4,816 172 28 S B
W3HIF 3,780 110 26 S ABCD9E
WA3YYC 2,438 96 23 S ABCD
N3EMQ 2,176 135 16 S BD
KA3MGB 1,700 79 20 S ABC
WA3NFV 1,521 134 9 S ABC
WA3GSP 1,520 76 20 S A
K3PHY 1,448 159 8 S BCD
W3HK 1,417 99 8 S ABCD
N3NIA 1,140 78 15 S B
N3HBT 1,064 116 8 S BD
N3LKI 840 45 15 S BD
WA3JMM 714 84 6 S ABC
WB3HHO 670 103 5 S BC
N3BPJ 504 70 7 S BD
WB3KRW 490 32 7 S BCGHIJ
N3KCR 132 17 6 S B
W3XU 420 44 6 S ABCD
W3UQC 276 46 6 S B
W3AWA (WA3KFT,ops)
273 34 7 S ABC
KD3DI 188 47 4 S B
K3JZJ 152 36 4 S BC
N3JYD 136 69 2 S B
WA2IUU 102 17 5 S B
W3S 100 25 4 S B
K3VEQ 63 21 3 S AB
W3HIT 60 15 2 S C
N3GSA 22 11 2 S B
W3TDZ 12 6 2 S A
WA3NAO 3 3 1 S B
K3QC 3,000 146 15 Q ABCD
N3NTN 18 9 2 Q B
WA3AXV (+WB3KRW)
268,041 886 141 M ABCD9EFGHIJ
WB3RSJ (+WB2ONA,K3MKZ)
121,524 652 114 M ABCD9EFGH
N3CX (+WA3JUF)
104,625 470 93 M ABCD9EFGH
N3EXA (+KY3T)
46,482 491 61 M ABCD9E
WB3LNZ (+K3BHE)
38,254 421 62 M ABCD9E
K3EOD (+K3JJZ,KA3WVK,N3JNY)
30,912 428 46 M ABCD9E
N3ITT (+WQ3X)
28,302 371 53 M ABCDE
N3ADP (+KA3ZXA,N3NFB)
32,635 394 61 L ABDE
KA3OIF (+K3OP)
13,720 251 49 L ABD
K3JFL (+K3MQH)
11,973 307 39 L B
KB3LR (+KB3AKI)
4,032 126 32 L AB

Maryland-DC
K1RZ 206,460 753 180 S ABCD9E
K3LYW 38,930 328 85 S ABCDE
W3ZZ 32,760 257 90 S ABCD9E
W3EKT 25,039 294 73 S ABD
WA4VHF 17,252 121 38 S DEF
W3WFM 4,544 142 32 S A
N3KTI 4,200 105 30 S BCD
WA3EQO 3,762 61 33 S BCDE
W6AXX 3,584 128 28 S B
N3DC 2,860 110 26 S B
N3LDF 2,574 99 26 S B
NW2M 2,373 113 21 S B
W3LML 484 44 11 S B
WA3GYW 396 36 11 S AB
W3MSN 270 25 10 S ABD
KL7GLK 20 2 2 S DJ
W3IP (+K3s HOI,YDX,KD3YU,N3CBL,
NN3O,WB6VJ,WG3R)
145,872 690 144 M ABCD9EFG
WA3NAN (N3s KHK,KWU,N4OSD,ops)
912 51 16 L ABD

Western Pennsylvania
N3FYD 36,181 309 97 S ABCD
NW3C 17,466 246 71 S ABD
KA3FZF 10,504 202 52 S B
KA3SDP 3,196 94 34 S B
K3MD 1,430 55 26 S A
W3KJM 532 38 14 S A
W3SJ 231 11 7 S B
WB3IWG 50 10 5 S AB
KA3AVB 36 12 3 S B
K3UA 30 6 5 S A
WB3J 80 10 8 Q A
K3MJW (KA3s JWJ,WSW,KE3EE,N3s MRT,
MRU,ops)
1,960 70 28 L AB

4

Alabama
KA2DRH 23,180 206 95 S ABD
KD4OIR 1,144 52 22 S B
KB4PBM 784 49 16 S B
KD4JDT 636 46 12 S B
KD4IDK 550 47 10 S BD
WACNQ 510 24 17 S ABD
N4WIG 301 37 7 S BD
KD4KZY 204 34 6 S B
KD4OIG 175 25 7 S B
N4AHJ 60 15 4 S A

Georgia
WD4MBK 5,472 90 38 S ABCDE
WD4AFY 3,784 69 43 S ABDE
KD4NUE 3,108 68 37 S ABD
KD4MNT 105 15 7 S B
WB4YWK (KB4AVAK,KD4NDY,N4s VFF,VFG,ops)
2,000 70 25 L ABCD
KB4BKV (KD4s GOLL,MZK,WA4DYD,ops)
1,944 68 27 L ABD
WA4QL (KCAQFR,WD4DWN,N7s FYS,FYT,ops)
969 42 17 S ABCD

Kentucky
AB4CR 14,003 155 67 S ABCDE
KN4OL 4,587 139 33 S B
KM4TY 4,247 137 31 S B
KD4VKJ 408 32 12 S BD

| | | | | | | | | | |
|-----------------------|--|---------|-----|-----|------|------|--|--|--|
| North Carolina | | | | | | | | | |
| W1EHL | 16,280 | 164 | 74 | S | ABCD | | | | |
| N4AVV | 12,580 | 132 | 74 | S | ABCD | | | | |
| N4YZJ | 9,116 | 131 | 53 | S | ABCD | | | | |
| W2VY | 7,200 | 144 | 50 | S | B | | | | |
| N4LFX | 4,928 | 90 | 44 | S | ABD | | | | |
| N2CJP | 4,860 | 92 | 45 | S | ABCD | | | | |
| W4FSP | 1,980 | 49 | 30 | S | BCDE | | | | |
| N4BNO | 756 | 42 | 18 | S | B | | | | |
| W4DW | (KA2FWK,KS2Z,KA3PSK,K4SAN,KC4S GFR,UQCN,KD4S,BFJ,QKR,KF4IZ,KJ4SO, K04GF,N4S,YTO,W2ABJ,ops) | | | | | | | | |
| K4LVV | (+AA4S,SC,ZZ,KU4V,W44VCC,WB4S TLX,WTC) | 102,904 | 585 | 152 | L | ABCD | | | |

| | | | | | | | | | |
|-------------------------|--------|-----|----|---|------|--|--|--|--|
| Northern Florida | | | | | | | | | |
| WB4JEM | 12,537 | 158 | 63 | S | ABDE | | | | |
| WD4XD | 5,920 | 122 | 40 | S | ABD | | | | |
| N4TWX | 5,781 | 100 | 47 | S | ABD | | | | |
| W9GWT | 1,794 | 60 | 26 | S | ABD | | | | |
| KD4FCT | 1,612 | 62 | 26 | S | AB | | | | |

| | | | | | | | | | |
|-----------------------|--------|-----|----|---|-----|--|--|--|--|
| South Carolina | | | | | | | | | |
| KM4ID | 11,480 | 130 | 70 | S | ABD | | | | |
| N4UPP | 2,590 | 74 | 35 | S | AB | | | | |
| KD4HTX | 190 | 19 | 10 | S | B | | | | |

| | | | | | | | | | |
|-------------------------|-------|-----|----|---|------|--|--|--|--|
| Southern Florida | | | | | | | | | |
| K9ES | 3,100 | 102 | 25 | S | ABD | | | | |
| W3ZR | 3,090 | 87 | 30 | S | ABCD | | | | |
| WD4AHZ | 1,974 | 78 | 21 | S | BD | | | | |
| KC4SQO | 1,458 | 81 | 18 | S | B | | | | |
| KD4MZM | 672 | 48 | 14 | S | AB | | | | |
| W2VD/4 | 70 | 10 | 7 | S | AB | | | | |

| | | | | | | | | | |
|------------------|-------------------------------|-----|-----|---|------|--|--|--|--|
| Tennessee | | | | | | | | | |
| N4VC | 5,512 | 98 | 53 | S | ABD | | | | |
| KC4QWZ | 3,906 | 82 | 42 | S | ABD | | | | |
| N4MW | 2,808 | 50 | 36 | S | ABCD | | | | |
| AD4F | 105 | 15 | 7 | S | AB | | | | |
| KC4YO | (+KM4XW,KB0IEW,WB0P 69,160 | 350 | 152 | M | ABCD | | | | |

| | | | | | | | | | |
|-----------------|------------------|-----|-----|---|--------|--|--|--|--|
| Virginia | | | | | | | | | |
| N4HB | 56,341 | 351 | 103 | S | ABCD9E | | | | |
| K9OYD/4 | 30,340 | 234 | 82 | S | BCD9E | | | | |
| W8CM | 28,593 | 269 | 81 | S | ABD9E | | | | |
| N4MM | 18,042 | 252 | 62 | S | ABD | | | | |
| N4KWX | 14,080 | 236 | 55 | S | ABD | | | | |
| W4DO | 11,600 | 133 | 58 | S | ABCD | | | | |
| K4FTO | 8,786 | 170 | 46 | S | ABD | | | | |
| KN4SM | 4,173 | 107 | 39 | S | AB | | | | |
| AB4SF | 3,078 | 83 | 32 | S | ABD | | | | |
| WA4ZBF | 2,184 | 71 | 26 | S | BD | | | | |
| N4YKD | 750 | 39 | 15 | S | BCD | | | | |
| K4ME | 728 | 52 | 14 | S | B | | | | |
| K4UO | 450 | 30 | 15 | S | B | | | | |
| WA4MMP | 216 | 16 | 12 | S | ABD | | | | |
| W3FTG | 147 | 21 | 7 | S | A | | | | |
| W4LJM | 72 | 12 | 6 | S | A | | | | |
| W4R3 | 15,555 | 179 | 61 | Q | ABCD | | | | |
| WA4PGM | (+NET) 12,740 | 161 | 65 | L | ABD | | | | |

| | | | | | | | | | |
|-----------------|--------|-----|-----|---|------|--|--|--|--|
| 5 | | | | | | | | | |
| Arkansas | | | | | | | | | |
| K5UR | 32,724 | 206 | 108 | S | ABCD | | | | |
| KB5QKS | 1,040 | 48 | 20 | S | ABD | | | | |

| | | | | | | | | | |
|------------------|-------------------------|-----|----|---|-----|--|--|--|--|
| Louisiana | | | | | | | | | |
| KF5U | 3,320 | 83 | 40 | S | AB | | | | |
| N5WKI | 170 | 7 | 4 | S | B | | | | |
| N5KWB | (+N5s,JBZ,ZW0) 5,684 | 101 | 49 | L | ABD | | | | |

| | | | | | | | | | |
|--------------------|----|---|---|---|---|--|--|--|--|
| Mississippi | | | | | | | | | |
| KG5MZ | 54 | 9 | 6 | S | B | | | | |

| | | | | | | | | | |
|-------------------|-------|----|----|---|------|--|--|--|--|
| New Mexico | | | | | | | | | |
| K5MAT | 1,078 | 51 | 14 | S | ABCD | | | | |
| W5IXR | 310 | 22 | 10 | S | ABC | | | | |
| KN5S | 130 | 13 | 10 | S | AB | | | | |

| | | | | | | | | | |
|--------------------|---|--------|-----|----|-------------|-------------|--|--|--|
| North Texas | | | | | | | | | |
| N5WS | 33,592 | 265 | 76 | S | ABD9E | | | | |
| WD5EWD | 9,016 | 160 | 46 | S | ABD | | | | |
| W0VX/5 | 4,352 | 99 | 32 | S | ABDI | | | | |
| AA5IB | 1,634 | 35 | 19 | S | ABD9E | | | | |
| N0IDR | 108 | 9 | 6 | S | ABDI | | | | |
| AA5C | (+AA5IB,N50SG,W5N2S,WA5s,JAT, TKU,VJB) | 90,068 | 322 | 92 | M | ABCD9EFGHJL | | | |
| WQ5S | (+AA5AM) 65,930 | 281 | 95 | M | ABCD9EFGHIL | | | | |
| K9MK | (+ops) 3,267 | 71 | 27 | M | ABD9E | | | | |
| KY5N | (+KM5X) 25,160 | 227 | 85 | L | ABCD | | | | |

| | | | | | | | | | |
|-----------------|----------------|----|----|---|-----|--|--|--|--|
| Oklahoma | | | | | | | | | |
| N6CL | 3,116 | 62 | 41 | S | ABD | | | | |
| WM4Z | 1,485 | 55 | 27 | S | B | | | | |
| KA5WRG | (+W5DG) 851 | 35 | 23 | L | ABD | | | | |

| | | | | | | | | | |
|--------------------|-------|-----|----|---|------|--|--|--|--|
| South Texas | | | | | | | | | |
| KB5IUA | 7,548 | 117 | 51 | S | ABDE | | | | |
| KC5FR | 1,246 | 34 | 10 | S | ABD | | | | |
| N5SRC | 5 | 5 | 1 | S | B | | | | |

| | | | | | | | | | |
|-------------------|-----------------|----|----|---|------|--|--|--|--|
| West Texas | | | | | | | | | |
| W5AL | 3,040 | 58 | 40 | S | ABCD | | | | |
| KB5KYJ | (+KG5OV) 550 | 37 | 11 | L | BD | | | | |

| | | | | | | | | | |
|--------------------|---|-----|----|---|------|--|--|--|--|
| 6 | | | | | | | | | |
| Los Angeles | | | | | | | | | |
| W6BRAY | 12,168 | 202 | 39 | S | ABCD | | | | |
| N6RPM | 3,146 | 80 | 26 | S | ABDE | | | | |
| W6GGV | 1,246 | 83 | 14 | S | BD | | | | |
| W6IST | 948 | 52 | 12 | S | BCD | | | | |
| KD6FSJ | 850 | 61 | 10 | S | BD | | | | |
| WA5DJM | 3,160 | 125 | 20 | Q | ABD | | | | |
| W6TRW | (KC6TPN,KD6S,IGH,I,IGI,NPY,N6S PXB,ZAY,WA6MPF,ops) 12,493 | 252 | 31 | M | ABCD | | | | |
| N6RMJ | (K2LCT,WB2DDH,ops) 47,136 | 403 | 96 | L | ABCD | | | | |

| | | | | | | | | | |
|-----------------------------|--------------------|-----|----|---|------|--|--|--|--|
| 34,425 348 75 L ABCD | | | | | | | | | |
| N6KN (+KJ6AW) | | | | | | | | | |
| 7,922 176 34 L ABCD | | | | | | | | | |
| Orange | | | | | | | | | |
| WB6FCS | 10,248 | 142 | 56 | S | ABCD | | | | |
| WA6OWD | 112 | 7 | 2 | Q | I | | | | |
| N6DN | (+WB6KUW) 1,919 | 70 | 19 | L | ABCD | | | | |

| | | | | | | | | | |
|----------------------|-------|-----|----|---|------|--|--|--|--|
| Santa Barbara | | | | | | | | | |
| KC6JWC | 8,148 | 173 | 42 | S | ABC | | | | |
| KC6TJV | 638 | 53 | 11 | S | ABD | | | | |
| N6QQA | 550 | 37 | 10 | S | ABCD | | | | |
| KD6FOT | 1 | 1 | 1 | S | B | | | | |

| | | | | | | | | | |
|---------------------------|-------|-----|----|---|------|--|--|--|--|
| Santa Clara Valley | | | | | | | | | |
| W6RXQ | 6,966 | 114 | 43 | S | ABCD | | | | |
| AJ6T | 4,716 | 109 | 36 | S | ABCD | | | | |
| N16L | 2,632 | 73 | 28 | S | BD | | | | |
| AA6HA | 1,254 | 52 | 19 | S | ABD | | | | |
| W6ISO | 380 | 38 | 10 | S | B | | | | |
| W6YLL | 80 | 16 | 5 | S | A | | | | |

| | | | | | | | | | |
|------------------|-------|----|----|---|------|--|--|--|--|
| San Diego | | | | | | | | | |
| W6OYJ | 1,050 | 47 | 15 | S | BCDI | | | | |
| W6PFE | 500 | 50 | 10 | S | AB | | | | |

| | | | | | | | | | |
|----------------------|-------|----|----|---|-----|--|--|--|--|
| San Francisco | | | | | | | | | |
| W6NW | 1,539 | 69 | 19 | S | ABD | | | | |

| | | | | | | | | | |
|---------------------------|--|-------|-----|----|---|------|--|--|--|
| San Joaquin Valley | | | | | | | | | |
| W6AUGR | 40 | 10 | 4 | Q | B | | | | |
| W6AYBN | (KA6AMD,KB6IGC,KC6GUTH,N6ZTZ, WA6ARA,ops) | 8,580 | 160 | 39 | L | ABCD | | | |

| | | | | | | | | | |
|--------------------------|-------|-----|----|---|-----|--|--|--|--|
| Sacramento Valley | | | | | | | | | |
| N6KBX | 3,400 | 100 | 34 | S | AB | | | | |
| KC6TEU | 912 | 53 | 16 | S | ABD | | | | |

| | | | | | | | | | |
|----------------|---|----|----|---|------|----|--|--|--|
| Arizona | | | | | | | | | |
| W7GZ | 2,163 | 71 | 21 | S | ABCD | | | | |
| WB7OHF | (+KB7CRT) 689 | 46 | 13 | L | ABD | | | | |
| WA7IYG | (WB5VHZ,KB7NIE,N7s,UGP,ZBA, ZVJ,ops) | 28 | 6 | 4 | L | BD | | | |

| | | | | | | | | | |
|---------------------------|-----|----|---|---|---|--|--|--|--|
| Eastern Washington | | | | | | | | | |
| W7FHI | 208 | 26 | 8 | S | B | | | | |

| | | | | | | | | | |
|---------------|-------|-----|----|---|------|--|--|--|--|
| Nevada | | | | | | | | | |
| W2MJP | 2,448 | 136 | 18 | S | B | | | | |
| NW7O | 20 | 5 | 2 | S | C | | | | |
| NZ7EV | 4 | 1 | 1 | S | E | | | | |
| KE7CX | 4,096 | 108 | 32 | S | ABCD | | | | |
| N7PRC | 816 | 68 | 12 | S | B | | | | |
| WA7IQH | 705 | 41 | 15 | S | ABD | | | | |
| KZ7FV | 510 | 51 | 10 | S | B | | | | |
| AA7OZ | 430 | 36 | 10 | S | BCD | | | | |
| KA7EXM | 10 | 5 | 2 | Q | B | | | | |

| | | | | | | | | | |
|-------------|-------|----|----|---|------|--|--|--|--|
| Utah | | | | | | | | | |
| WA7PIB | 1,962 | 71 | 18 | S | ABCD | | | | |
| NJ7A | 1,860 | 64 | 20 | S | ABDE | | | | |
| AA7AA | 380 | 33 | 10 | S | ABD | | | | |
| WB7REL | 198 | 15 | 11 | S | ABD | | | | |

| | | | | | | | | | |
|---------------------------|-------|-----|----|---|------|--|--|--|--|
| Western Washington | | | | | | | | | |
| K7ND | 3,976 | 105 | 28 | S | ABDE | | | | |
| KE7SW | 1,513 | 74 | 17 | S | ABCD | | | | |
| WA7UQV | 1,500 | 87 | 15 | S | BDE | | | | |
| KB7IOG | 768 | 42 | 12 | S | BDE | | | | |
| KO7G | 55 | 11 | 5 | S | A | | | | |

| | | | | | | | | | |
|-----------------|-------------------------------|-----|----|---|--------|--|--|--|--|
| 8 | | | | | | | | | |
| Michigan | | | | | | | | | |
| KB8NNE | 25,232 | 287 | 83 | S | ABCD | | | | |
| WB8TGY | 24,742 | 181 | 89 | S | ABCD9E | | | | |
| KB8JJ | 18,480 | 162 | 88 | S | ABCD | | | | |
| WB8UCI | 16,683 | 202 | 67 | S | ABCD | | | | |
| K8MD | 16,491 | 203 | 69 | S | ABD | | | | |
| WZ8T | 15,096 | 182 | 74 | S | ABDE | | | | |
| KU8P | 12,780 | 169 | 60 | S | ABDE | | | | |
| K0B1 | 12,139 | 175 | 61 | S | ABC | | | | |
| N8LMT | 7,222 | 155 | 46 | S | ABC | | | | |
| N8NQS | 6,827 | 141 | 47 | S | ABC | | | | |
| AC8W | 5,513 | 149 | 37 | S | B | | | | |
| KB8EAP | 5,376 | 128 | 42 | S | B | | | | |
| KU8U | 5,160 | 100 | 43 | S | ABD | | | | |
| N8PJP | 4,375 | 118 | 35 | S | ABD | | | | |
| K8BHZ | 4,264 | 104 | 41 | S | B | | | | |
| K8NWD | 3,400 | 100 | 34 | S | B | | | | |
| N8PVT | 2,414 | 71 | 34 | S | B | | | | |
| K8CV | 207 | 23 | 9 | S | B | | | | |
| KU8Y | (+KA8TBW,KZ8E,NQ8A) 47,136 | 403 | 96 | L | ABCD | | | | |

| | | | | | | | | | |
|-------------|---------|-----|-----|---|--------|--|--|--|--|
| Ohio | | | | | | | | | |
| WA8NJR | 141,984 | 582 | 174 | S | ABCD9E | | | | |
| WB8WZG | 85,270 | 398 | 122 | S | ABDE | | | | |
| KB8FD | 62,749 | 347 | 131 | S | ABDE | | | | |
| KB8ZW | 32,430 | 253 | 94 | S | ABCD9E | | | | |
| WB8K | 21,248 | 275 | 64 | S | ABD | | | | |
| K8WW | 19,800 | 210 | 72 | S | ABCD | | | | |
| K8MR | 16,802 | 271 | 62 | S | AB | | | | |
| AA8Q | 15,903 | 279 | 57 | S | B | | | | |
| WA8QNR | 14,101 | 203 | 59 | S | ABCD | | | | |
| WB8CR | 9,849 | 201 | 49 | S | ABD | | | | |
| N8LOT | 8,178 | 174 | 47 | S | AB | | | | |
| WA8TMK | 8,073 | 207 | 39 | S | B | | | | |
| N8LPG | 6,642 | 162 | 41 | S | B | | | | |
| N8GLS | 6,314 | 154 | 41 | S | B | | | | |
| WA8GMT | 5,896 | 134 | 44 | S | AB | | | | |
| N8CCC | 4,860 | 110 | 36 | S | ABCD | | | | |
| WB8PAT | 2,574 | 55 | 33 | S | ABCD | | | | |
| WA8GXM | 1,943 | 63 | 29 | S | ABD | | | | |
| WB8RCN | 1,914 | 87 | 42 | S | AB | | | | |
| WA4GPM | 1,260 | 54 | 21 | S | BE | | | | |
| KB8KVJ | 1,170 | 78 | 15 | S | AB | | | | |
| KB1SF | 576 | 34 | 16 | S | BD | | | | |
| N8OOZ | 540 | 36 | 15 | S | B | | | | |
| WA8TID/B | 162 | 18 | 9 | S | B | | | | |
| N8VEA | 100 | 50 | 2 | S | B | | | | |
| WB8MM | 85 | 17 | 8 | S | B | | | | |
| W8XT | 273 | 30 | 7 | Q | ABCD | | | | |

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
| W8BI (K8DZ,KA8OQF,KD8FO,N8s,MBZ,OB, OVX,RIZ,ZM,WA8s,MSF,SVV,WF8Z,ops) | | | | | | | | | |
| 37,055 351 81 S ABCDE | | | | | | | | | |
| N8VKE (+N8s,OFS,SIV,TYS,UUR,VUR) | | | | | | | | | |
| 7,308 171 36 L ABCD | | | | | | | | | |

| | | | | | | | | | |
|----------------------|---|-----|-----|---|--------|--|--|--|--|
| West Virginia | | | | | | | | | |
| K2UOP/8 | 80,730 | 410 | 130 | S | ABCD9E | | | | |
| N8TLZ | 10,980 | 151 | 61 | S | ABCD | | | | |
| N8PEK | 3,515 | 95 | 37 | S | B | | | | |
| WB8BEL | 130 | 13 | 10 | S | A | | | | |
| N8FMD | (+KV8s,N8s,NYP,OCV,OKV,WJ8G) 80,178 | 485 | 138 | S | ABCD | | | | |
| WA8DQR | (+K8LG,N8s,DIR,MUU,W8AYCG, WD8AFJ,WF8X) 6,550 | 131 | 50 | L | AB | | | | |

| | | | | | | | | | |
|-----------------|---------------------|-----|-----|---|---------|--|--|--|--|
| 9 | | | | | | | | | |
| Illinois | | | | | | | | | |
| WB9OJR | 54,810 | 226 | 135 | S | BCD9EFG | | | | |
| WB9FWC | 34,742 | 367 | 58 | S | ABCD | | | | |
| N2BJ | 14,620 | 221 | 43 | S | ABCD9E | | | | |
| WB9JG | 10,455 | 226 | 41 | S | ABCD | | | | |
| WA9FIH | 10,220 | 277 | 28 | S | ABCD | | | | |
| W9ABV | 6,578 | 204 | 26 | S | ABCD | | | | |
| WA9CCQ | 6,438 | 180 | 29 | S | ABCD | | | | |
| K9YHB | (N9OWR,op) 4,094 | 124 | 23 | S | ABCD | | | | |
| KA9UMG | 3,712 | 101 | 29 | S | ABCD | | | | |
| WB99NR | 3,680 | 52 | 23 | S | DEFGH | | | | |
| K9GJU | 3,173 | 128 | 19 | S | ABCD | | | | |
| WB9IFM | 2,808 | 117 | 24 | S | B | | | | |
| WA9RIJ | 2,268 | 153 | 12 | S | ABD | | | | |
| N9NJS | 2,077 | 67 | 31 | S | AB | | | | |
| KC9IX | 1,752 | 90 | 12 | S | BCDE | | | | |
| N9NJJ | 1,647 | 61 | 27 | S | AB | | | | |
| K9ZVU | 1,540 | 105 | 11 | S | ABCD | | | | |
| K9ZHW | 1,540 | 105 | 11 | S | ABCD | | | | |
| AK9Y | 1,512 | 151 | 8 | S | BD | | | | |
| WB9MXX | 988 | 76 | 13 | S | AB | | | | |
| WA9CJZ | 931 | 118 | 7 | S | BD | | | | |
| W9NHX | 784 | 112 | 7 | S | B | | | | |
| WA9MJJ | 660 | 44 | 10 | S | ABCD | | | | |
| WA9QYX | 490 | 55 | 7 | S | BD | | | | |
| W9ZZU | 328 | 82 | 4</ | | | | | | |

WA2GFP 990 63 11 4 R BC
N3KWQ 145 29 5 2 R AB

Central

KE9QT 174,873 410 213 10 R ABCDF
WB9EEA (+AA9D)
146,276 424 194 7 R ABCD9EFJ

Dakota

N0HJZ 321,160 543 248 8 R ABCDEFI
KB0ZQ 157,178 357 206 10 R ABCDEI
WA2VOI 11,826 101 73 11 R BDE
KC0P 1,955 80 23 4 R ABD
N0BSG 1,424 89 16 2 R B
N0CCK 1,248 64 16 2 R ABD
N0SPE (+N0QZL)
910 60 13 2 R ABD
N0MWE 880 88 10 2 R AB
WD0HHH 594 66 9 4 R B
N6VB 540 51 10 2 R BC
KB0CEM 414 46 9 2 R B
N0PUJ 402 67 6 2 R B
N0TBQ 329 39 7 2 R BD
N0MGY 306 44 6 2 R BD
K0TS 280 51 5 2 R BD
N0PGQ 116 29 4 2 R B
N0MSB 112 28 4 2 R B
N0SPI 95 19 5 2 R B
WA0VLG 48 12 4 2 R B
KB0EIJ 24 6 4 2 R B

Great Lakes

WD8AUB 8,800 160 55 4 R B

N8FUJ 1,248 37 32 8 R BD
N4STK 204 13 12 4 R ABD

Hudson

NR1L 1,252,440 916 360 8 R ABCD9EFGI
KA1ZE 1,250,640 919 360 8 R ABCD9EFGI
N1NOE 14,534 135 43 4 R BC9EFGH
KE2XB 8,970 209 30 4 R ABCD
WA2EQW 4,403 196 17 4 R BCD
W2JVF 3,816 44 24 2 R ABC9EFGHIJ
W2UC (N2KUN,op)
3,376 155 16 4 R BCD
N2OTY 2,072 148 14 4 R B
N2SGY 1,804 141 11 2 R BD
N2THL 1,680 120 14 4 R B
KF2AB 1,548 69 18 4 R BD
N2IUL 913 68 11 3 R BD
KB2KFB 752 78 8 2 R BD
KA2EXB 392 56 7 2 R AB
N2KFR 120 19 5 2 R BD
K2BST 28 6 4 2 R ABC
KB2JZI 18 4 3 2 R BD
WA2TVN 12 6 2 2 R B

Midwest

AJ0E (+K0TLM)
80,883 251 209 11 R ABCDE

New England

KA1QAS 1,277,860 940 362 8 R ABCD9EFGI
K1CPJ 1,269,637 924 361 8 R ABCD9EFGI

N1KBY 141,328 460 146 8 R BCDE
KA1TBS 40,854 405 66 2 R ABCD9E
N1FXG (+N1NGJ)
21,244 334 47 4 R ABCD
KA1WER 2,067 104 13 2 R BCD
K1CYD 1,659 190 7 3 R BD
N1KNX 1,620 83 15 4 R BCD
KB1MU 900 150 6 2 R B
KC1TH 871 31 13 2 R BCD9E
N1JRY 693 77 9 3 R B
N1MOK 630 54 9 2 R BCD
K1LNB 420 84 5 4 R AB
WG1H 162 54 3 2 R B
KA1DNX 116 29 4 2 R B
KA1ZCY 48 8 3 2 R C

Northwestern

K7CW 1,242 67 18 4 R BD

Pacific

WB9AJZ 7,392 117 56 4 R ABD
K6AAW 1,980 60 33 5 R B
WA5YWC 406 29 14 2 R B

Roanoke

N4BG 1,125 45 25 5 R B
WA4LHE 286 22 13 5 R B

Southeastern

KD4IDG 1,680 61 24 6 R BD

KD4IDI (+WD4KWM)
1,197 57 21 7 R B
KD4EDE 513 57 9 9 R B

Southwestern

K6LMN 16,147 174 67 5 R ABCDEL
K0BGL/6 1,008 46 21 2 R BD
K6AWO 360 25 9 2 R BD
K1FJM 225 25 9 3 R B
N6TCZ 39 7 3 2 R BC

West Gulf

WB5LUA 36,719 156 73 4 R ABCD9EFGHIJL
N5QGH 32,913 142 69 4 R ABCD9EFGHIJL
KA5BOU 6,336 92 33 4 R BDE
N5PGH 5,916 113 34 4 R BD9EFI

Canada

VE6DIL 8,384 202 32 4 R BD
VE3NJK 6,480 46 40 6 R ABCD9EFGI
VE6IMB 3,744 123 26 4 R BD
VE6QYR 2,048 128 16 4 R B
VE3OIL (+VE3NPB)
645 40 15 4 R ABD

Checklogs

K1GAO, WB1CKI, KA2MCU, N2CUA, NQ2O,
KB3PW, N9IMH, W9YCV, N0PDD and VE3OEU.

