

# Results: North American QSO Party RTTY — July 2020

The July 2020 running of the North American QSO Party — RTTY saw most participants staying home and, thus, able to get on the air. Other hams arranged “remote multiops” or practiced “social distancing” in their radio operations. On-the-air activity was high, so these adaptations were successful.

The N9TR entry was a “remote multiop,” with Ben, N9TR, in Chicago, and Chuck, N8CL, in Albany, New York, to operate a station in Buffalo, New York. They used a K3 and K3/O, RemoteRigs, and networked N1MM Logger+ via a VPN.

“Working remotely, we missed a few things, like not realizing our 80-meter antenna was on the ground, until someone at the remote station let us know,” Ben recounted.

DXpeditions were missing due to the many travel restrictions, but the “usual” states and provinces made up for it with increased activity. Even propagation cooperated, with nice totals on 10 and 15 meters for many people. W7RN (Jeff, WK6I, op) in Nevada made 100 contacts on 10 meters.

## Single-Operator

Our Single-Operator winner W7RN (Jeff, WK6I, op) is a reliable competitor, and Jeff’s trip to the W7RN station was a success. Second place was Dean, NØXR, at the magnificent NØNI



KJ5T operates from the car. [KJ5T Photo]

station, which usually appears in the Multioperator category. All of the call signs in the Top 10 are familiar, and they provided plenty of action on the RTTY bands.

A few operators were “stuck” away from their usual contesting locations, and that change in their usual locations

caused logging problems for operators who rely too heavily on a “pre-fill” database. In one case, more than 1 in 6 contacts logged the wrong QTH, so pay attention to what was sent.

Steve, KJ5T, took his operation outdoors to a local park. He used a KX2 radio in the car, and a tripod to hold a



Ben, N9TR, shows off the remote setup. [N9TR Photo]

## Single-Operator Top 10 Breakdowns

| Call Sign    | Score   | QSOs | Mults | 80     | 40     | 20     | 15     | 10     | Team         |
|--------------|---------|------|-------|--------|--------|--------|--------|--------|--------------|
| W7RN (WK6I)  | 188,800 | 944  | 200   | 64/22  | 272/50 | 274/53 | 234/46 | 100/29 | NCCC Team #1 |
| NØXR (@NØNI) | 165,300 | 870  | 190   | 122/39 | 242/44 | 248/45 | 171/37 | 87/25  | SWACC #1     |
| AA3B         | 158,424 | 943  | 168   | 110/26 | 310/47 | 370/49 | 127/33 | 26/13  | SWACC #1     |
| WØLSD        | 155,117 | 857  | 181   | 46/24  | 259/47 | 276/47 | 226/42 | 50/21  | Grand Mesa   |
| W4GKM        | 136,245 | 879  | 155   | 108/27 | 307/47 | 334/50 | 130/31 | 0/0    | SWACC #1     |
| K6MR         | 136,150 | 778  | 175   | 77/20  | 247/50 | 239/52 | 181/37 | 34/16  | NCCC Team #1 |
| N6WM         | 135,113 | 781  | 173   | 31/10  | 185/43 | 281/50 | 207/46 | 77/24  | NCCC Team #1 |
| K3MM         | 130,872 | 798  | 164   | 124/27 | 362/47 | 189/44 | 74/27  | 49/19  |              |
| AA5AU        | 130,708 | 797  | 164   | 98/30  | 235/48 | 273/45 | 164/31 | 27/10  | SWACC #2     |
| K9CT         | 129,200 | 760  | 170   | 127/34 | 246/45 | 286/48 | 84/28  | 17/15  | SMC Ganar    |

## Single-Op QRP Top Five Breakdowns

| Call Sign     | Score  | QSOs | Mults | 80    | 40    | 20    | 15    | 10  | Team                 |
|---------------|--------|------|-------|-------|-------|-------|-------|-----|----------------------|
| NN7SS (K6UFO) | 10,944 | 152  | 72    | 5/3   | 26/10 | 80/35 | 39/22 | 2/2 | NCCC Team #5         |
| W8UA          | 6,240  | 120  | 52    | 0/0   | 61/20 | 48/23 | 9/7   | 2/2 |                      |
| K2AL          | 3,828  | 87   | 44    | 23/11 | 38/16 | 23/14 | 3/3   | 0/0 | NPARC RTTY Snitchers |
| KH6KG/W5      | 3,476  | 79   | 44    | 14/10 | 29/14 | 36/20 | 0/0   | 0/0 |                      |
| KI9S/8        | 3,465  | 77   | 45    | 3/3   | 44/20 | 27/19 | 3/3   | 0/0 | Cornwall 1           |

## Multi-Two Breakdowns

| Call Sign | Score   | QSOs | Mults | 80     | 40     | 20     | 15     | 10    |
|-----------|---------|------|-------|--------|--------|--------|--------|-------|
| W5WZ      | 187,740 | 1043 | 180   | 140/33 | 305/52 | 414/51 | 174/37 | 10/7  |
| NV9L      | 166,944 | 888  | 188   | 210/44 | 324/53 | 262/50 | 77/28  | 15/13 |
| WV4P      | 166,617 | 891  | 187   | 172/42 | 362/53 | 275/51 | 74/33  | 8/8   |

vertical wire support. He reported that weather was good.

### QRP

Our QRP results showed a familiar pattern of success on 80 meter for the East Coast, and 15 meters for the West Coast.

### Team Competition

SWACC recruited a top-notch team to achieve first place. The Northern California Contest Club worked with its own membership to field a very competitive team. The Society of Midwest Contesters (SMC) staffed a top team, and seven more, all with team names about "winning."

### Multi-Two

Our Multioperator winner W5WZ made more than 1,000 contacts. Operators Scott, W5WZ, and Bobby, WM5H, kept their distance at different operator positions in the shack. They have been doing well in NAQP SSB, Field Day, and IARU. Bobby predicted they could win NAQP RTTY in M2, but it took a crash course in RTTY software, cabling, and configuration as well as placing jumpers around some antenna switch problems to make the prediction come true.

Thank you to N6TR and WA7BNM for preparing our scores, and to Icom America for sponsoring our awards. Our next NAQP RTTY will be February 27, 2021.

### Soapbox

Beat last year's score substantially. Love this hobby! — *A16O*

I did this one Field Day style in a tent on the bank of the Wisconsin River. — *W9AV*

Fought tooth and nail all day on the Online Scoreboard with NV9L. — *WV4P*

I had to run out about 10pm and search the sky for Comet Neowise, and I got a look at it! — *K1ØI*

There was a nice pipeline to the East Coast. — *WQ6X*

I like hunting for the contacts more than sitting in the same spot waiting for the bobber to go down. — *NN4RB*

First early beta test of a homebrew remote setup. *Yikes!* — *K6OK*

Not sure I picked the right band at the right time, fun anyway. — *N3MN*

Leaving 80 meters until after the 11 PM news worked well. — *W1DYJ*

### Top Three Team Scores

|                 |                               |         |
|-----------------|-------------------------------|---------|
| 1. SWACC #1     | NØXR, AA3B, W4GKM, N4ZZ, N4IQ | 659,525 |
| 2. NCCC Team #1 | W7RN, K6MR, N6WM, N6IE, KK6P  | 627,160 |
| 3. SMC Ganar    | K9CT, WT9U, AI9T, K9NR, N7US  | 533,998 |

### Team Scores

| 1. SWACC #1          | 2. NCCC Team #1      | 3. SMC Ganar         |
|----------------------|----------------------|----------------------|
| NØXR 165,300         | W7RN 188,800         | K9CT 129,200         |
| AA3B 158,424         | K6MR 136,150         | WT9U 122,615         |
| W4GKM 136,245        | N6WM 135,113         | AI9T 111,840         |
| N4ZZ 128,800         | N6IE 88,914          | K9NR 92,416          |
| N4IQ 70,756          | KK6P 78,183          | N7US 77,927          |
| <b>Total 659,525</b> | <b>Total 627,160</b> | <b>Total 533,998</b> |

### Team

4. SMC Vinna
5. Grand Mesa
6. Rappahonnock/BlueRidge/More
7. AOCC PROSPECTORS
8. FRC Team Neowise
9. SWACC #2
10. YCCC Masked Men
11. Deep Dixie CC Team Elvis
12. Mid Florida Group
13. KCG
14. SMC Menang
15. NCCC Team #2
16. MWA 1
17. NCCC Team #3
18. DFWCG Team Blue
19. SMC Kushinda
20. SMC Gagner
21. PVRC Even More!
22. SMC Sieg
23. SCCC #2
24. Swamp Fox Contest Group
25. RTTY NORTHCENTRAL
26. Metro Mayhem
27. TDXS
28. The Borg
29. Aardvark-1
30. Splinter Group
31. Digi Owls Team #1
32. SMC Vincere
33. MWA 3
34. Shenandoah Valley Wireless
35. Digi Owls Team #2
36. NCCC Team #6
37. PVRC Even Even More
38. Aardvark-2
39. KCG-PT
40. Maskless Covid Marauders
41. DFWCG Team Gold
42. FRC Team Halley
43. SCCC #1
44. PVRC Colonial Capital
45. TCG MARKS
46. Northeast Maryland ARCS
47. Bristol Thunderstorm
48. CanAm2020
49. TCG SPACES
50. Milford (OH) ARC
51. PVRC Tidewater
52. NPARC RTTY Snitchers
53. CGQ#1
54. Grand Mesa Part-timers
55. MWA 2
56. NFR Accidental Diddlers
57. NCCC Team #5
58. AOCC WILD BUNCH
59. SWAMP FOX SCOUTS
60. TDXS1
61. Ssev Zmaga
62. NCCC Team #4
63. SM Rockets
64. I-guana go to the TTY Bar
65. Cornwall 1
66. Drive

### Operators

| Operators                          | Total   |
|------------------------------------|---------|
| KD9MS, KG9X, AC9KW, KT9L, WB9HFK   | 293,124 |
| WØLSD, NØTA, K16QDH, KH6CJJ, WTØDX | 271,883 |
| K7SV, N1RM, W4RN, KE4S             | 263,211 |
| N7GP, N7TY, W6RW, KF7U, N9NA       | 244,791 |
| K2TW, W3FIZ, N2HMM, W3MF, K3PP     | 225,429 |
| AA5AU, W1UE, K7TQ                  | 214,319 |
| W8BAR, N1IXF, K5ZD, W1DYJ, KE1IH   | 202,759 |
| KØWA, ABØS, KD5DD, K4AFE           | 188,775 |
| WA1PMA, NA4DA, N4FP, WA41PU, N4GL  | 161,902 |
| ND4Y, W4LC, KM4FO, WX4W, KE4KY     | 155,385 |
| N9CK, N2BJ, KW9U, N9LQ, AC8ZU      | 146,793 |
| W9KKN, W6EU, K6LRN, K6MM           | 135,846 |
| NØAT, KØJJR, NØBUJ, WØAAE, KCØNFB  | 133,841 |
| N6ZFO, AE6JV, K6GHA, WU6W          | 132,150 |
| NT5V, AD5XD, WBØTEV                | 125,955 |
| WB8BZK, ND9G, WRØH, N9SE, K9GY     | 122,908 |
| WD9CIR, K9IG, N9DR, K9DUR, W9RE    | 110,742 |
| N4CW, W3DQ, K4FTO, K3SV, N4QX      | 106,889 |
| N9TF, W9FFA, N9JF, N9TCA, N9VPV    | 105,137 |
| N6WT, K16RRN, KF6RY, N2JNR         | 104,058 |
| NU4E, KG4IGC, K7OM, KS4YX          | 99,798  |
| WDØT, WØDB                         | 99,330  |
| W9ILY, N9TK, K9PY, WA9LEY          | 98,967  |
| WB5TUF, KG5U, AJ4F, K5DD           | 95,292  |
| W7RY                               | 86,580  |
| AA2MF, N2ESP, AAØO, W4UB           | 86,212  |
| K8ARY, NI8Z, N8TCP                 | 81,953  |
| AH2O, K2RB, KS2G                   | 79,791  |
| KC9K, KC9EOQ, AD9I, K9CW, W9XT     | 77,824  |
| KØAD, VE3RUA, KØVG, KEØTL          | 76,930  |
| W4PJW, KF4FC, AD4TJ, K4PZC         | 72,720  |
| KA2D, KC2KY                        | 71,326  |
| KA6BIM, W6SX, K6ELE, K6DGW         | 69,219  |
| NR4O, N4CF                         | 64,652  |
| W4CU, WA4EEZ, NY4I, KR4U           | 61,721  |
| KU4A, N4QS, AB4IQ, K4FN, AJ4A      | 61,367  |
| N5RP, K5NZ, K5MXG, K5BG, K5PI      | 58,896  |
| NA5M, WB5K, KM5JV, WA5LXS, N5TIT   | 57,923  |
| WA3AAN, NY3B, WB2PJH               | 57,826  |
| WN6K, WQ6X, KA6WKE, K16VC          | 54,410  |
| K4MI, KK4R, NR4C, AI4WU            | 54,333  |
| K4RO, AB4GG, K1GU, K3FH            | 51,748  |
| WT8WV, N3EEN, K3TEF, KE3GK         | 51,148  |
| AA4DD                              | 50,400  |
| VE3MGY, W1CTN                      | 50,056  |
| KEØL, AF4T, W4BCG                  | 49,072  |
| K8PK, WS6K, AE8S, AD8DM            | 44,459  |
| W4VIC, K4MIL, KH6HGP, K5VIP, KN4KL | 44,194  |
| KC2WUF, K2GLS, N2FYE, K2YG/1, K2AL | 43,858  |
| VE2CSM, VE2EBK, VE2PI              | 43,347  |
| WØTM, WØETT, N7WY                  | 39,069  |
| AAØAW, ACØW, W6GMT                 | 37,765  |
| NN2NN, NS2N, W2DXE, AC2FA          | 36,885  |
| NN7SS, K6OK, K6ST                  | 19,890  |
| KE6K, N1JM, K7JQ, KJ5T, AE7DW      | 18,270  |
| N17R, WN4AFP                       | 16,079  |
| KC5TT, KB4KBS                      | 13,768  |
| WI9WI, KC9YL, WB8RFB, NG9R         | 13,092  |
| NA6O, WU6X, K6RIM, N6GEO           | 6,604   |
| KC9TZO, KG7VIZ                     | 6,036   |
| AJ9C, W9IZ, K9NW                   | 4,312   |
| K19S/8, AB3AI                      | 3,537   |
| AJ7M                               | 98      |

### Single-Operator Scores

| Call Sign    | Score   | QSOs | Mults | QTH | Call Sign | Score   | QSOs | Mults | QTH | Call Sign     | Score  | QSOs | Mults | QTH |
|--------------|---------|------|-------|-----|-----------|---------|------|-------|-----|---------------|--------|------|-------|-----|
| W8BAR (W1TO) | 83,300  | 595  | 140   | MA  | KG4USN    | 6,213   | 109  | 57    | MD  | K7OM          | 19,046 | 214  | 89    | SC  |
| N1IXF        | 73,021  | 533  | 137   | CT  | K3FH      | 5,724   | 106  | 54    | PA  | KK4R          | 18,860 | 205  | 92    | VA  |
| W1UE         | 42,907  | 401  | 107   | MA  | KE3GK     | 4,560   | 95   | 48    | MD  | N4FP          | 18,746 | 206  | 91    | FL  |
| AE1P         | 37,323  | 377  | 99    | NH  | KE3ZT     | 4,452   | 106  | 42    | PA  | N4UA          | 18,228 | 217  | 84    | VA  |
| NG1M         | 34,144  | 388  | 88    | RI  | N3NR      | 3,655   | 85   | 43    | PA  | NN4RB         | 18,216 | 207  | 88    | VA  |
| K5ZD         | 33,810  | 294  | 115   | MA  | KB3LIX    | 3,577   | 73   | 49    | PA  | WX4W          | 17,928 | 216  | 83    | KY  |
| AE6JV        | 29,391  | 291  | 101   | NH  | K3RMB     | 3,567   | 87   | 41    | PA  | WA4IPU        | 17,658 | 218  | 81    | FL  |
| K1NZ         | 26,852  | 274  | 98    | MA  | W3FA      | 2,788   | 68   | 41    | MD  | KJ4M          | 17,202 | 183  | 94    | AL  |
| N1DBL        | 23,644a | 257  | 92    | MA  | K3TN      | 1,728   | 48   | 36    | MD  | N4CF          | 16,340 | 190  | 86    | VA  |
| N1KM         | 19,436  | 226  | 86    | RI  | N3WMC     | 1,711   | 59   | 29    | PA  | KU4A          | 15,770 | 190  | 83    | KY  |
| AE1EZ        | 17,168  | 232  | 74    | NH  | N3RM      | 1,566   | 58   | 27    | PA  | ND4G          | 15,664 | 176  | 89    | FL  |
| KB1GKN       | 14,175  | 175  | 81    | NH  | AB3SX     | 1,036   | 37   | 28    | MD  | AK4AO         | 15,631 | 203  | 77    | VA  |
| KA2KON       | 9,152   | 176  | 52    | NH  | W3OFD     | 760     | 40   | 19    | PA  | N4QS          | 15,440 | 193  | 80    | KY  |
| W1DYJ        | 8,308   | 134  | 62    | ME  | N3VOP     | 630     | 30   | 21    | MD  | AB4IQ         | 15,132 | 194  | 78    | KY  |
| K2YG/1       | 7,139   | 121  | 59    | MA  | W3DQT     | 238     | 17   | 14    | MD  | WB4HRL        | 13,800 | 200  | 69    | SC  |
| W1CTN        | 5,830   | 106  | 55    | CT  | N3RUM     | 234     | 18   | 13    | PA  | KE4KY         | 13,720 | 196  | 70    | KY  |
| K1SM         | 5,084   | 124  | 41    | MA  | W3TNU     | 108     | 12   | 9     | PA  | N3CKI         | 13,662 | 198  | 69    | NC  |
| K1VW         | 4,896   | 96   | 51    | ME  | N3NZ      | 48      | 8    | 6     | PA  | NN4NT         | 13,321 | 173  | 77    | AL  |
| NG1I         | 4,588   | 148  | 31    | MA  |           |         |      |       |     | AF4T          | 13,072 | 172  | 76    | TN  |
| W1EQ         | 4,275   | 95   | 45    | CT  | W4GKM     | 136,245 | 879  | 155   | TN  | AB4GG         | 12,222 | 194  | 63    | TN  |
| N1UZ         | 3,724   | 98   | 38    | MA  | N4ZZ      | 128,800 | 805  | 160   | TN  | N4TY          | 11,741 | 199  | 59    | KY  |
| N1GB         | 1,612   | 52   | 31    | VT  | K7SV      | 125,083 | 749  | 167   | VA  | KW4J          | 11,484 | 198  | 58    | AL  |
| W1UJ         | 432     | 27   | 16    | MA  | W4GO      | 102,459 | 697  | 147   | VA  | K4FTO         | 10,658 | 146  | 73    | VA  |
| W1ZFG        | 360     | 20   | 18    | CT  | N4IQ      | 70,756  | 532  | 133   | SC  | AD4TJ         | 10,650 | 150  | 71    | VA  |
|              |         |      |       |     | ND4Y      | 68,880  | 574  | 120   | KY  | NI7R          | 10,143 | 147  | 69    | SC  |
| K2TW         | 73,524  | 557  | 132   | NJ  | KA4RRU    | 66,177  | 513  | 129   | VA  | WA4EEZ        | 10,080 | 160  | 63    | FL  |
| AH2O         | 44,220  | 402  | 110   | NY  | N1RM      | 62,848  | 491  | 128   | VA  | K1LTJ         | 9,960  | 166  | 60    | FL  |
| KA2D         | 42,126  | 413  | 102   | NY  | WA1PMA    | 61,425  | 525  | 117   | FL  | AB4L (N4GU)   | 9,954  | 158  | 63    | NC  |
| N2HMM        | 32,689  | 337  | 97    | NJ  | NA4DA     | 59,708  | 506  | 118   | FL  | WF4W          | 9,702  | 147  | 66    | GA  |
| KC2KY        | 29,200  | 292  | 100   | NY  | N4CW      | 58,156  | 434  | 134   | NC  | K4MIL         | 9,648  | 144  | 67    | VA  |
| K2RET        | 25,700  | 257  | 100   | NJ  | WS6X      | 56,548  | 422  | 134   | VA  | NR4C          | 9,039  | 131  | 69    | VA  |
| N2NF         | 22,411  | 307  | 73    | NJ  | K4ZW      | 56,196  | 446  | 126   | VA  | K4FN          | 8,305  | 151  | 55    | KY  |
| K2RB         | 19,635  | 255  | 77    | NY  | AA2MF     | 54,500  | 500  | 109   | FL  | K4BX          | 8,192  | 128  | 64    | TN  |
| KS2G         | 15,936  | 249  | 64    | NY  | AA4DD     | 50,400  | 360  | 140   | TN  | KS4YX         | 8,174  | 134  | 61    | SC  |
| NN2NN        | 13,455  | 195  | 69    | NY  | NR4O      | 48,312  | 396  | 122   | NC  | W2XYZ         | 7,688  | 124  | 62    | FL  |
| WB2COY       | 12,921  | 177  | 73    | NY  | NU4E      | 44,165  | 365  | 121   | SC  | AA0O          | 7,424  | 116  | 64    | FL  |
| KC2WUF       | 12,580  | 185  | 68    | NJ  | W4PK      | 43,290  | 390  | 111   | VA  | W4BCG         | 7,384  | 142  | 52    | TN  |
| K2GLS        | 11,520  | 160  | 72    | NJ  | W4CU      | 42,120  | 360  | 117   | FL  | K1GU          | 7,239  | 127  | 57    | TN  |
| KE2D         | 10,640  | 152  | 70    | NJ  | W4RN      | 42,016  | 404  | 104   | VA  | NR4M          | 6,844  | 118  | 58    | VA  |
| W2FDJ        | 10,500  | 140  | 75    | NJ  | NS4X      | 40,097  | 397  | 101   | TN  | AJ4A          | 6,720  | 120  | 56    | KY  |
| NS2N         | 10,430  | 149  | 70    | NY  | K8ARY     | 36,850  | 335  | 110   | SC  | K4PZC         | 6,534  | 121  | 54    | VA  |
| WB2NFL       | 9,514   | 142  | 67    | NY  | WA5POK    | 36,516  | 358  | 102   | TN  | K4AL          | 6,490  | 118  | 55    | TN  |
| N2FYE        | 8,791   | 149  | 59    | NJ  | KE4S      | 33,264  | 297  | 112   | VA  | W4TTY         | 6,264  | 108  | 58    | VA  |
| AC2IK        | 8,064   | 126  | 64    | NY  | K4VWV     | 30,076  | 292  | 103   | KY  | KH6HGP (W7HJ) | 6,216  | 111  | 56    | VA  |
| N2MM         | 7,616   | 136  | 56    | NJ  | K4WI      | 29,848  | 287  | 104   | AL  | N8NN          | 6,032  | 104  | 58    | FL  |
| K4RUM        | 7,590   | 115  | 66    | NY  | W4PJW     | 29,498  | 301  | 98    | VA  | WN4AFP        | 5,936  | 106  | 56    | SC  |
| WA2QAU       | 7,540   | 130  | 58    | NY  | W4LC      | 29,192  | 328  | 89    | KY  | K3WA          | 5,885  | 107  | 55    | NC  |
| W2DXE        | 7,280   | 130  | 56    | NY  | KU4V      | 29,120  | 260  | 112   | NC  | WB4UBK        | 5,814  | 102  | 57    | FL  |
| AC2FA        | 5,720   | 130  | 44    | NY  | KE0L      | 28,616  | 292  | 98    | TN  | W4SJV         | 5,546  | 94   | 59    | FL  |
| WB2PJH       | 4,692   | 102  | 46    | NJ  | KG4IGC    | 28,413  | 287  | 99    | SC  | NY4I          | 5,537  | 113  | 49    | FL  |
| WB2WPM       | 4,545   | 101  | 45    | NY  | W3DQS     | 27,459  | 243  | 113   | NC  | A14WW         | 5,292  | 108  | 49    | FL  |
| KE1IH        | 4,320   | 96   | 45    | NY  | K4SO      | 27,300  | 273  | 100   | VA  | W0QQG         | 5,194  | 106  | 49    | VA  |
| *K2AL        | 3,828   | 87   | 44    | NJ  | WA3LXD    | 27,000  | 250  | 108   | FL  | KN4DEB        | 4,884  | 111  | 44    | VA  |
| ND2K         | 3,698   | 86   | 43    | NJ  | K4RO      | 26,563  | 263  | 101   | TN  | K3SV          | 4,750  | 95   | 50    | FL  |
| NG2P         | 3,040   | 80   | 38    | NY  | K4MI      | 26,362  | 269  | 98    | VA  | K2AV          | 4,641  | 119  | 39    | NC  |
| KC2LST       | 1,972   | 68   | 29    | NJ  | W4VIC     | 26,200  | 262  | 100   | VA  | W4UT          | 4,600  | 100  | 46    | TN  |
| W2VTV        | 902     | 41   | 22    | NJ  | KF4FC     | 26,038  | 277  | 94    | VA  | KN4SMO        | 4,585  | 131  | 35    | SC  |
| KA2GQQ       | 775     | 31   | 25    | NJ  | KM4FO     | 25,665  | 295  | 87    | KY  | N4GL          | 4,365  | 97   | 45    | FL  |
| KA2AEY       | 480     | 30   | 16    | NY  | WA8OJR    | 22,161  | 249  | 89    | SC  | KR4U          | 3,984  | 83   | 48    | FL  |
| W2QQ         | 338     | 26   | 13    | NY  | N2ESP     | 20,608  | 224  | 92    | FL  | K3QH          | 3,956  | 92   | 43    | FL  |
| W2YK         | 260     | 20   | 13    | NY  | KG4CUY    | 20,475  | 225  | 91    | AL  | W4UB          | 3,680  | 92   | 40    | FL  |
| AC2RL        | 96      | 12   | 8     | NY  | K4AFE     | 19,749  | 227  | 87    | TN  | N2JF          | 3,555  | 79   | 45    | FL  |
| WB2KWC       | 81      | 9    | 9     | NY  | N6DW      | 19,608  | 228  | 86    | VA  | AA5JF         | 3,337  | 71   | 47    | GA  |
| KD2DVV       | 24      | 6    | 4     | NJ  |           |         |      |       |     | AA4LR         | 3,285  | 73   | 45    | GA  |
| AA3B         | 158,424 | 943  | 168   | PA  |           |         |      |       |     | N8AID         | 2,856  | 84   | 34    | VA  |
| K3MM         | 130,872 | 798  | 164   | MD  |           |         |      |       |     | N3KN          | 2,850  | 75   | 38    | VA  |
| W3FIZ        | 70,448  | 592  | 119   | PA  |           |         |      |       |     | KB4KBS        | 2,550  | 85   | 30    | GA  |
| K3RWN        | 48,654  | 459  | 106   | PA  |           |         |      |       |     | KS3K          | 2,541  | 77   | 33    | FL  |
| WT3K         | 39,516  | 356  | 111   | MD  |           |         |      |       |     | KS4X          | 2,052  | 54   | 38    | TN  |
| W3DQ         | 32,860  | 310  | 106   | DC  |           |         |      |       |     | W4NBS         | 2,040  | 51   | 40    | AL  |
| W3MF         | 32,136  | 309  | 104   | PA  |           |         |      |       |     | K3YDX         | 1,904  | 56   | 34    | NC  |
| WA3AAN       | 29,600  | 296  | 100   | PA  |           |         |      |       |     | KA4OTB        | 1,792  | 56   | 32    | TN  |
| KB3AAY       | 29,003  | 299  | 97    | MD  |           |         |      |       |     | N7GFB         | 1,700  | 50   | 34    | NC  |
| N3XL         | 28,520  | 310  | 92    | MD  |           |         |      |       |     | K5VIP         | 1,650  | 55   | 30    | VA  |
| NY3B         | 23,534  | 287  | 82    | PA  |           |         |      |       |     | N4MM          | 1,450  | 50   | 29    | VA  |
| W3UL         | 21,168  | 252  | 84    | MD  |           |         |      |       |     | KC4TNQ        | 1,404  | 52   | 27    | TN  |
| WA3ZSC       | 17,082  | 219  | 78    | PA  |           |         |      |       |     | *AA2MA        | 1,323  | 49   | 27    | AL  |
| K3PP         | 16,632  | 198  | 84    | PA  |           |         |      |       |     | KO4Z          | 1,290  | 43   | 30    | TN  |
| N3EEN        | 15,200  | 200  | 76    | PA  |           |         |      |       |     | KO8V          | 1,170  | 45   | 26    | VA  |
| K3TEF        | 15,048  | 209  | 72    | PA  |           |         |      |       |     | N0SMX         | 1,170  | 45   | 26    | FL  |
| K3UL         | 14,940  | 166  | 90    | PA  |           |         |      |       |     | KS4Q          | 1,008  | 42   | 24    | VA  |
| N3DUE        | 14,596  | 178  | 82    | MD  |           |         |      |       |     | W4GDG         | 936    | 52   | 18    | VA  |
| AA3S         | 10,281  | 149  | 69    | MD  |           |         |      |       |     | KZ1O          | 875    | 35   | 25    | FL  |
| AB3GY        | 6,292   | 121  | 52    | PA  |           |         |      |       |     | WB4MM         | 782    | 34   | 23    | FL  |
|              |         |      |       |     |           |         |      |       |     | KK9O          | 722    | 38   | 19    | FL  |



The KJ5T portable tower. [KJ5T Photo]

| Call Sign     | Score   | QSOs | Mults | QTH |
|---------------|---------|------|-------|-----|
| W2GJV         | 648     | 36   | 18    | SC  |
| KW1K          | 486     | 27   | 18    | FL  |
| KN4KL         | 480     | 24   | 20    | VA  |
| N4QX          | 465     | 31   | 15    | VA  |
| K1GG          | 425     | 25   | 17    | VA  |
| W8EH          | 240     | 16   | 15    | TN  |
| K4CV          | 117     | 13   | 9     | TN  |
| AI4WU         | 72      | 9    | 8     | VA  |
| K3NHT         | 63      | 9    | 7     | VA  |
| K9IA          | 56      | 8    | 7     | FL  |
| KJ4LPI        | 16      | 4    | 4     | GA  |
| NF1T          | 12      | 4    | 3     | FL  |
| K4ME          | 4       | 2    | 2     | NC  |
| *KI4SP        | 1       | 1    | 1     | AL  |
| AA5AU         | 130,708 | 797  | 164   | LA  |
| NT5V          | 61,908  | 469  | 132   | TX  |
| AD5XD         | 60,615  | 449  | 135   | TX  |
| WB5TUF        | 55,566  | 441  | 126   | TX  |
| KD5DD         | 45,087  | 339  | 133   | MS  |
| WB5BHS        | 36,576  | 381  | 96    | AR  |
| NA5M          | 34,200  | 342  | 100   | TX  |
| KG5U          | 31,024  | 277  | 112   | TX  |
| K5RZA         | 26,746  | 311  | 86    | TX  |
| K5NZ          | 22,113  | 243  | 91    | TX  |
| KD5ILA        | 19,355  | 245  | 79    | AR  |
| KD5J          | 13,840  | 173  | 80    | AR  |
| KT5MR         | 13,260  | 195  | 68    | TX  |
| KC5TT         | 11,218  | 158  | 71    | TX  |
| W5LA          | 9,316   | 137  | 68    | LA  |
| W5MF          | 9,300   | 155  | 60    | TX  |
| N5HC          | 8,848   | 158  | 56    | NM  |
| AJ4F          | 8,614   | 146  | 59    | TX  |
| WB5K          | 8,235   | 135  | 61    | TX  |
| KM5JV         | 8,060   | 130  | 62    | TX  |
| K5CS          | 7,620   | 127  | 60    | AR  |
| WA5LXS        | 7,380   | 123  | 60    | TX  |
| K5MXG         | 6,783   | 119  | 57    | TX  |
| N5CHA         | 6,780   | 113  | 60    | TX  |
| AD5LU         | 6,534   | 121  | 54    | TX  |
| WA5MA         | 6,148   | 116  | 53    | OK  |
| K5QR          | 4,606   | 94   | 49    | TX  |
| *KH6KG/W5     | 3,476   | 79   | 44    | AR  |
| WB0TEV        | 3,432   | 78   | 44    | TX  |
| N5EKW         | 2,760   | 69   | 40    | TX  |
| KN5S (K5WW)   | 2,673   | 81   | 33    | TX  |
| N5UM          | 2,618   | 77   | 34    | OK  |
| WA9AFM        | 2,480   | 80   | 31    | OK  |
| AG5S          | 2,345   | 67   | 35    | NM  |
| NA5J          | 2,310   | 70   | 33    | TX  |
| N5KWN         | 2,294   | 74   | 31    | TX  |
| N5XE          | 2,109   | 57   | 37    | OK  |
| K5BG          | 1,652   | 59   | 28    | TX  |
| *KJ5T         | 1,650   | 55   | 30    | TX  |
| WV5Y          | 1,540   | 55   | 28    | TX  |
| K5PI          | 1,012   | 44   | 23    | TX  |
| AE5MM         | 861     | 41   | 21    | OK  |
| N5DD          | 483     | 23   | 21    | TX  |
| K5LY          | 294     | 21   | 14    | TX  |
| N5AVF         | 266     | 19   | 14    | TX  |
| K5DD          | 88      | 11   | 8     | TX  |
| N5TIT         | 48      | 8    | 6     | TX  |
| K6MR          | 136,150 | 778  | 175   | CA  |
| N6WM          | 135,113 | 781  | 173   | CA  |
| N6IE          | 88,914  | 609  | 146   | CA  |
| KK6P (W7IV)   | 78,183  | 511  | 153   | CA  |
| W9KKN         | 62,883  | 459  | 137   | CA  |
| N6ZFO         | 60,604  | 436  | 139   | CA  |
| ND2T (@K6MTU) | 59,764  | 446  | 134   | CA  |
| N6WT          | 50,370  | 438  | 115   | CA  |
| KH7M (KH6ZM)  | 38,380  | 380  | 101   | KH6 |
| W6EU          | 34,320  | 312  | 110   | CA  |
| WN6K          | 33,800  | 338  | 100   | CA  |
| W1RH          | 30,847  | 283  | 109   | CA  |
| AJ6V          | 28,119  | 273  | 103   | CA  |
| W6SX          | 26,728  | 257  | 104   | CA  |
| K6GHA         | 26,136  | 264  | 99    | CA  |
| KI6RRN        | 25,578  | 294  | 87    | CA  |
| KH6CJJ        | 22,960  | 287  | 80    | KH6 |
| K6LRN         | 21,500  | 250  | 86    | CA  |
| KF6RY (W6ZL)  | 19,926  | 243  | 82    | CA  |
| K6TQ          | 19,780  | 215  | 92    | CA  |
| KW6S          | 19,350  | 215  | 90    | CA  |
| WQ6X          | 18,040  | 220  | 82    | CA  |
| K6MM          | 17,143  | 217  | 79    | CA  |
| W6RC          | 14,274  | 183  | 78    | CA  |



Scott, W5WZ. [Jordan, KF5GDJ, Photo]

| Call Sign      | Score   | QSOs | Mults | QTH |
|----------------|---------|------|-------|-----|
| W0YK           | 13,455  | 207  | 65    | CA  |
| KK6KMU         | 9,536   | 149  | 64    | CA  |
| K6OK           | 8,568   | 136  | 63    | CA  |
| WH6FAM         | 8,288   | 148  | 56    | KH6 |
| W1PR           | 8,228   | 121  | 68    | CA  |
| N2JNR          | 8,184   | 132  | 62    | CA  |
| N6PGQ          | 7,353   | 129  | 57    | CA  |
| K6ELE          | 6,160   | 110  | 56    | CA  |
| W6IA           | 5,876   | 113  | 52    | CA  |
| AG6AG          | 5,253   | 103  | 51    | CA  |
| KE6SHL         | 3,977   | 97   | 41    | CA  |
| W6OQI          | 3,740   | 85   | 44    | CA  |
| W6JBR          | 2,592   | 72   | 36    | CA  |
| KD6HOF         | 2,583   | 63   | 41    | CA  |
| NN6NN (W6XK)   | 2,419   | 59   | 41    | CA  |
| KA6W           | 2,310   | 66   | 35    | CA  |
| NA6O (@W6SRR)  | 1,984   | 64   | 31    | CA  |
| WU6X           | 1,932   | 69   | 28    | CA  |
| K6RIM          | 1,440   | 48   | 30    | CA  |
| KA6WKE         | 1,430   | 55   | 26    | CA  |
| N6GEO          | 1,248   | 48   | 26    | CA  |
| N6VH           | 1,215   | 45   | 27    | CA  |
| K6BIR          | 1,200   | 48   | 25    | CA  |
| KI6VC          | 1,140   | 38   | 30    | CA  |
| NK6A           | 924     | 44   | 21    | CA  |
| N6UTC          | 814     | 37   | 22    | CA  |
| N6FC           | 350     | 25   | 14    | CA  |
| WA6URY         | 336     | 21   | 16    | CA  |
| KM6I           | 208     | 16   | 13    | CA  |
| W6RKC          | 187     | 17   | 11    | CA  |
| *K6MI          | 156     | 13   | 12    | CA  |
| K6EU           | 96      | 12   | 8     | CA  |
| N6EE           | 72      | 12   | 6     | CA  |
| N6REK          | 56      | 8    | 7     | CA  |
| K6MUG          | 32      | 8    | 4     | CA  |
| W6XU           | 9       | 3    | 3     | CA  |
| NF6A (K6XX)    | 4       | 2    | 2     | CA  |
| KH6TU          | 4       | 2    | 2     | KH6 |
| K6CTA          | 4       | 2    | 2     | CA  |
| KN6EVH         | 2       | 2    | 1     | CA  |
| KF6F           | 1       | 1    | 1     | CA  |
| W7RN (WK6I)    | 188,800 | 944  | 200   | NV  |
| N7GP           | 65,772  | 522  | 126   | AZ  |
| N7TY           | 60,228  | 478  | 126   | AZ  |
| W6RW           | 59,160  | 510  | 116   | AZ  |
| K2RD           | 41,531  | 349  | 119   | NV  |
| K7TQ           | 40,704  | 384  | 106   | ID  |
| W7VXS          | 37,740  | 370  | 102   | WA  |
| KA6BIM         | 35,995  | 313  | 115   | OR  |
| KF7U           | 33,759  | 363  | 93    | AZ  |
| KI6QDH         | 26,460  | 294  | 90    | WY  |
| N9NA           | 25,872  | 264  | 98    | AZ  |
| WA7LNV         | 20,880  | 240  | 87    | UT  |
| K7VAP          | 18,486  | 234  | 79    | WA  |
| WU6W           | 16,019  | 193  | 83    | NV  |
| N7BV           | 13,332  | 202  | 66    | WA  |
| WB6JJJ         | 11,476  | 151  | 76    | OR  |
| *NN7SS (K6UFO) | 10,944  | 152  | 72    | WA  |
| KD6TR          | 10,586  | 158  | 67    | WA  |
| N7VS           | 8,113   | 133  | 61    | OR  |
| K7WP           | 7,300   | 100  | 73    | AZ  |
| KE6K           | 7,040   | 128  | 55    | AZ  |
| KJ9C           | 6,328   | 113  | 56    | MT  |
| N1JM           | 5,358   | 114  | 47    | AZ  |
| NG7M           | 5,002   | 122  | 41    | UT  |
| K7GS           | 4,738   | 103  | 46    | WA  |
| W7PU           | 4,708   | 107  | 44    | WA  |

| Call Sign | Score   | QSOs | Mults | QTH |
|-----------|---------|------|-------|-----|
| K7BVT     | 4,633   | 113  | 41    | OR  |
| WB7CYO    | 3,430   | 98   | 35    | ID  |
| W7MTL     | 3,116   | 76   | 41    | OR  |
| N7VGO     | 3,080   | 77   | 40    | WA  |
| K7JQ      | 3,072   | 96   | 32    | AZ  |
| AF6WF     | 2,772   | 84   | 33    | AZ  |
| WA7CPA    | 2,592   | 72   | 36    | WA  |
| K7AZT     | 2,448   | 68   | 36    | AZ  |
| N7WY      | 2,352   | 98   | 24    | WY  |
| WG7X      | 2,294   | 62   | 37    | WA  |
| N7UVH     | 1,944   | 72   | 27    | ID  |
| WB7GR     | 1,829   | 59   | 31    | WY  |
| KB7AK     | 1,736   | 56   | 31    | WA  |
| K7MY      | 1,650   | 55   | 30    | AZ  |
| AE7DW     | 1,150   | 50   | 23    | AZ  |
| WB7UOF    | 1,144   | 52   | 22    | AZ  |
| K7VIT     | 1,012   | 46   | 22    | OR  |
| KJ7MEB    | 969     | 51   | 19    | UT  |
| KG7QXE    | 828     | 36   | 23    | NV  |
| K7MSO     | 760     | 38   | 20    | MT  |
| KG7VIZ    | 756     | 36   | 21    | WA  |
| KE7GKI    | 390     | 30   | 13    | AZ  |
| K6ST      | 378     | 27   | 14    | NV  |
| AL7A      | 375     | 25   | 15    | KL7 |
| *N6HI     | 360     | 30   | 12    | AZ  |
| K6DGW     | 336     | 24   | 14    | NV  |
| W7DCM     | 154     | 14   | 11    | AZ  |
| AJ7M      | 98      | 14   | 7     | WA  |
| KE3K      | 38,306  | 358  | 107   | MI  |
| NI8Z      | 33,063  | 321  | 103   | OH  |
| K3JT      | 32,033  | 311  | 103   | WV  |
| N8FYL     | 27,398  | 266  | 103   | MI  |
| N8VV      | 23,577  | 271  | 87    | OH  |
| WA8KAN    | 22,763  | 221  | 103   | WV  |
| KI8I      | 22,090  | 235  | 94    | WV  |
| K8PK      | 21,472  | 244  | 88    | OH  |
| WS6K      | 18,601  | 209  | 89    | OH  |
| K8RGI     | 17,380  | 220  | 79    | OH  |
| WB8JUI    | 16,400  | 200  | 82    | OH  |
| WT8WV     | 16,340  | 190  | 86    | WV  |
| N8AA      | 15,714  | 194  | 81    | OH  |
| AA8OY     | 12,994  | 178  | 73    | OH  |
| N8TCP     | 12,040  | 172  | 70    | OH  |
| KA8G      | 11,607  | 159  | 73    | OH  |
| AB8OU     | 11,088  | 144  | 77    | OH  |
| *W8UA     | 6,240   | 120  | 52    | OH  |
| KB8O      | 6,048   | 112  | 54    | OH  |
| AA8SW     | 4,700   | 94   | 50    | OH  |
| AC8ZU     | 4,680   | 90   | 52    | OH  |
| W8AKS     | 4,557   | 93   | 49    | WV  |
| N8VWV     | 4,250   | 85   | 50    | OH  |
| W3CB      | 4,140   | 90   | 46    | MI  |
| AE8S      | 4,116   | 98   | 42    | OH  |
| K8AJS     | 3,900   | 100  | 39    | OH  |
| *KI9S/8   | 3,465   | 77   | 45    | OH  |
| N8WCP     | 2,470   | 65   | 38    | OH  |
| WA8YZB    | 2,415   | 69   | 35    | MI  |
| NE8J      | 1,472   | 46   | 32    | MI  |
| W8WTS     | 580     | 29   | 20    | OH  |
| AD8DM     | 270     | 18   | 15    | OH  |
| W8TB      | 144     | 16   | 9     | OH  |
| K9NW      | 132     | 12   | 11    | OH  |
| W4YPW     | 16      | 4    | 4     | OH  |
| KG9Z      | 12      | 4    | 3     | OH  |
| K9CT      | 129,200 | 760  | 170   | IL  |
| WT9U      | 122,615 | 685  | 179   | IN  |
| AI9T      | 111,840 | 699  | 160   | IL  |
| KD9MS     | 103,532 | 724  | 143   | IL  |
| K9WX      | 100,168 | 659  | 152   | IN  |
| K9NR      | 92,416  | 608  | 152   | IL  |
| N7US      | 77,927  | 523  | 149   | IL  |
| KG9X      | 66,581  | 479  | 139   | IL  |
| AC9S      | 59,362  | 443  | 134   | IL  |
| N9CK      | 58,880  | 460  | 128   | WI  |
| WB8BZK    | 56,718  | 411  | 138   | IL  |
| AC9KW     | 54,600  | 390  | 140   | IL  |
| N2BJ      | 50,274  | 441  | 114   | IL  |
| W9ILY     | 50,048  | 368  | 136   | IL  |
| WD9CIR    | 46,065  | 415  | 111   | IL  |
| N9EP      | 40,680  | 339  | 120   | IL  |
| KT9L      | 39,468  | 299  | 132   | IN  |
| N9TF      | 34,196  | 332  | 103   | IL  |
| KC9K      | 33,390  | 318  | 105   | IL  |
| K9SE      | 32,508  | 301  | 108   | IN  |
| AA9L      | 31,860  | 295  | 108   | WI  |

| Call Sign    | Score   | QSOs | Mults | QTH | Call Sign   | Score  | QSOs | Mults | QTH | Call Sign       | Score  | QSOs | Mults | QTH |
|--------------|---------|------|-------|-----|-------------|--------|------|-------|-----|-----------------|--------|------|-------|-----|
| ND9G         | 29,498  | 301  | 98    | IL  | W5AP        | 38,710 | 395  | 98    | CO  | VE3PJ           | 47,838 | 402  | 119   | ON  |
| N9OK         | 29,070  | 255  | 114   | IL  | KØJJR       | 32,804 | 278  | 118   | MN  | VE3KI           | 44,346 | 389  | 114   | ON  |
| WB9HFK       | 28,943  | 281  | 103   | IL  | KFØUR       | 31,680 | 330  | 96    | CO  | VE3MGY          | 44,226 | 378  | 117   | ON  |
| N5RP         | 27,336  | 268  | 102   | IL  | WØTM (NØOJ) | 31,341 | 337  | 93    | CO  | VE3JI           | 40,293 | 333  | 121   | ON  |
| W9FFA        | 27,249  | 293  | 93    | IN  | KIØI        | 28,270 | 257  | 110   | MO  | VA3LR           | 27,200 | 272  | 100   | ON  |
| N9TK         | 26,230  | 305  | 86    | IL  | AAØAW       | 27,930 | 266  | 105   | MN  | VE6UM           | 25,956 | 309  | 84    | AB  |
| N9JF         | 24,354  | 246  | 99    | IL  | WRØH        | 26,967 | 267  | 101   | MO  | VE2CSM          | 25,844 | 284  | 91    | QC  |
| N9WEW        | 23,760  | 240  | 99    | IL  | NØBUI       | 21,888 | 288  | 76    | MN  | VE3GYL          | 25,575 | 275  | 93    | ON  |
| K9IG         | 23,205  | 255  | 91    | IN  | WTØDX       | 19,320 | 280  | 69    | CO  | VE7KAJ          | 18,900 | 252  | 75    | BC  |
| K9ZO         | 22,048  | 212  | 104   | IL  | WØDB        | 17,280 | 240  | 72    | NE  | VE7BC           | 18,642 | 239  | 78    | BC  |
| N9DR         | 21,922  | 226  | 97    | IN  | WBØN        | 17,170 | 170  | 101   | MN  | VE3FH           | 16,351 | 197  | 83    | ON  |
| W9LU         | 21,297  | 229  | 93    | IN  | KIØI        | 16,906 | 214  | 79    | CO  | VE2EBK          | 14,744 | 194  | 76    | QC  |
| WB9B         | 19,780  | 230  | 86    | IL  | NØIS        | 14,283 | 207  | 69    | MO  | VE5KS           | 13,600 | 170  | 80    | SK  |
| KC9EOQ       | 19,320  | 210  | 92    | IL  | NWØM        | 14,184 | 197  | 72    | MO  | VE3/KØMKL       | 12,960 | 162  | 80    | ON  |
| K9DUR        | 18,920  | 220  | 86    | IN  | NØOK        | 13,528 | 178  | 76    | MN  | VA1CHP          | 12,190 | 230  | 53    | NS  |
| WB9TFF       | 17,630  | 215  | 82    | WI  | KØTC        | 11,786 | 166  | 71    | MN  | VA6RCN (VE3RCN) | 10,570 | 151  | 70    | AB  |
| KW9U         | 17,199  | 189  | 91    | IL  | AIØY        | 9,891  | 157  | 63    | MN  | VA7GP           | 9,086  | 154  | 59    | BC  |
| K9MMS        | 17,114  | 199  | 86    | IL  | ACØW        | 7,800  | 120  | 65    | MN  | VA3ROC          | 7,080  | 120  | 59    | ON  |
| K9PY         | 16,170  | 210  | 77    | IL  | KVØI        | 7,040  | 128  | 55    | NE  | VA3PC           | 6,664  | 119  | 56    | ON  |
| N9LQ         | 15,760  | 197  | 80    | IL  | WBØWIV      | 6,572  | 106  | 62    | IA  | VE2GHO          | 6,032  | 116  | 52    | QC  |
| KYØQ         | 14,705  | 173  | 85    | IL  | WØETT       | 5,376  | 96   | 56    | CO  | VE3TW           | 5,508  | 102  | 54    | ON  |
| K9IR         | 13,475  | 175  | 77    | IL  | KØVG        | 5,088  | 96   | 53    | MN  | VE3RUA          | 5,406  | 102  | 53    | ON  |
| NS9I         | 12,616  | 166  | 76    | WI  | WØAAE       | 4,141  | 101  | 41    | MN  | VA3WW           | 4,488  | 88   | 51    | ON  |
| NR9K         | 12,367  | 149  | 83    | IL  | WØDC        | 4,032  | 84   | 48    | MN  | VE4DL           | 4,100  | 82   | 50    | MB  |
| AA9DL        | 12,367  | 149  | 83    | IN  | W8LYJ       | 2,829  | 69   | 41    | CO  | VA2SIB          | 3,552  | 96   | 37    | QC  |
| W9TAM        | 12,261  | 183  | 67    | IL  | WAØLIF      | 2,340  | 60   | 39    | MN  | VE2PI           | 2,759  | 89   | 31    | QC  |
| N9TCA        | 11,700  | 156  | 75    | IL  | ADØWB       | 2,275  | 65   | 35    | CO  | VE3MCF          | 2,048  | 64   | 32    | ON  |
| AD9I         | 11,431  | 161  | 71    | IL  | AAØFO       | 2,196  | 61   | 36    | KS  | VE7BGP          | 1,548  | 43   | 36    | BC  |
| K9UC         | 11,130  | 159  | 70    | WI  | *W6GMT      | 2,035  | 55   | 37    | MN  | VE3KTB          | 1,344  | 48   | 28    | ON  |
| WB9TFH       | 8,514   | 129  | 66    | WI  | NUØW        | 1,995  | 57   | 35    | MN  | *VE3HG          | 1,222  | 47   | 26    | ON  |
| N9VPV        | 7,638   | 114  | 67    | IL  | KØSRL       | 1,904  | 56   | 34    | IA  | VA2KLG          |        |      |       |     |
| W9KG         | 7,420   | 140  | 53    | IN  | KCØNFB      | 1,568  | 49   | 32    | MN  | (VA2OBD)        | 1,144  | 52   | 22    | QC  |
| K9CW         | 7,245   | 115  | 63    | IL  | AAØZ        | 1,363  | 47   | 29    | MO  | VE7IO           | 1,012  | 44   | 23    | BC  |
| WI9WI        | 6,776   | 121  | 56    | WI  | ACØE        | 1,260  | 45   | 28    | KS  | *VE3KJQ         | 1,008  | 48   | 21    | ON  |
| WA9LEY       | 6,519   | 123  | 53    | IL  | KØMPH       | 1,107  | 41   | 27    | MN  | VA3IK           | 600    | 25   | 24    | ON  |
| W9XT         | 6,438   | 111  | 58    | WI  | WØHRO       | 1,050  | 42   | 25    | MO  | VE9BWK          | 550    | 25   | 22    | NB  |
| N9SE         | 5,929   | 121  | 49    | IN  | AB4BA       | 875    | 35   | 25    | CO  | VE7AF           | 169    | 13   | 13    | BC  |
| WT2P         | 5,670   | 105  | 54    | IL  | NEØDA       | 817    | 43   | 19    | CO  |                 |        |      |       |     |
| WB9YIG       | 5,550   | 111  | 50    | IN  | NØEHX       | 432    | 27   | 16    | CO  | NP3V            | 5,320  | 133  | 40    | KP4 |
| KC9TZO       | 5,280   | 120  | 44    | WI  | WAØEJX      | 100    | 10   | 10    | CO  | KP4JRS          | 4,068  | 113  | 36    | KP4 |
| KT9AC        | 5,252   | 101  | 52    | WI  | N2RSC       | 81     | 9    | 9     | MN  | *CO3JK          | 322    | 23   | 14    | CM  |
| KB9S         | 5,044   | 97   | 52    | WI  | KEØTL       | 16     | 4    | 4     | MN  |                 |        |      |       |     |
| WB9DAR       | 4,680   | 90   | 52    | IL  |             |        |      |       |     | F4DSK           | 1,440  | 48   | 30    | DX  |
| K9GY         | 3,796   | 73   | 52    | IL  | VA3DF       | 78,396 | 564  | 139   | ON  | OH2LU           | 30     | 6    | 5     | DX  |
| KC9YL        | 3,713   | 79   | 47    | WI  | VE5MX       | 65,136 | 472  | 138   | SK  | PY2NY           | 12     | 4    | 3     | DX  |
| N9UN         | 3,588   | 78   | 46    | IN  | VE3CX       | 51,480 | 429  | 120   | ON  |                 |        |      |       |     |
| AJ9C         | 2,360   | 59   | 40    | IN  |             |        |      |       |     |                 |        |      |       |     |
| WB8RFB       | 2,337   | 57   | 41    | IL  |             |        |      |       |     |                 |        |      |       |     |
| W9IZ         | 1,820   | 52   | 35    | IN  |             |        |      |       |     |                 |        |      |       |     |
| AI9K         | 1,564   | 46   | 34    | IL  |             |        |      |       |     |                 |        |      |       |     |
| N9LF         | 1,508   | 52   | 29    | IN  |             |        |      |       |     |                 |        |      |       |     |
| NJ9R         | 1,440   | 45   | 32    | IL  |             |        |      |       |     |                 |        |      |       |     |
| KR9U         | 1,148   | 41   | 28    | IN  |             |        |      |       |     |                 |        |      |       |     |
| KA9VLC       | 1,053   | 39   | 27    | IL  |             |        |      |       |     |                 |        |      |       |     |
| N9LJX        | 966     | 42   | 23    | IN  |             |        |      |       |     |                 |        |      |       |     |
| N9SJ         | 792     | 36   | 22    | IL  |             |        |      |       |     |                 |        |      |       |     |
| N9KJU        | 660     | 30   | 22    | IL  |             |        |      |       |     |                 |        |      |       |     |
| W9RE         | 630     | 30   | 21    | IN  |             |        |      |       |     |                 |        |      |       |     |
| KG9N         | 420     | 28   | 15    | IL  |             |        |      |       |     |                 |        |      |       |     |
| KD9NHZ       | 350     | 25   | 14    | IL  |             |        |      |       |     |                 |        |      |       |     |
| NG9R         | 266     | 19   | 14    | IL  |             |        |      |       |     |                 |        |      |       |     |
| K9EL         | 210     | 15   | 14    | IL  |             |        |      |       |     |                 |        |      |       |     |
| W9SE         | 204     | 17   | 12    | IL  |             |        |      |       |     |                 |        |      |       |     |
| *KC9BKS      | 195     | 15   | 13    | IL  |             |        |      |       |     |                 |        |      |       |     |
| WAØJTL       | 99      | 11   | 9     | IN  |             |        |      |       |     |                 |        |      |       |     |
| AB3AI        | 72      | 9    | 8     | IN  |             |        |      |       |     |                 |        |      |       |     |
| K9PG         | 49      | 7    | 7     | IL  |             |        |      |       |     |                 |        |      |       |     |
| NØXR (@NØNI) | 165,300 | 870  | 190   | IA  |             |        |      |       |     |                 |        |      |       |     |
| WØLSD        | 155,117 | 857  | 181   | CO  |             |        |      |       |     |                 |        |      |       |     |
| W7RY         | 86,580  | 585  | 148   | MO  |             |        |      |       |     |                 |        |      |       |     |
| WØOT         | 82,050  | 547  | 150   | SD  |             |        |      |       |     |                 |        |      |       |     |
| NØAT         | 73,440  | 540  | 136   | MN  |             |        |      |       |     |                 |        |      |       |     |
| KØWA         | 69,696  | 576  | 121   | KS  |             |        |      |       |     |                 |        |      |       |     |
| KØAD         | 66,420  | 492  | 135   | MN  |             |        |      |       |     |                 |        |      |       |     |
| W7II         | 62,640  | 464  | 135   | IA  |             |        |      |       |     |                 |        |      |       |     |
| WØMB         | 59,902  | 491  | 122   | MO  |             |        |      |       |     |                 |        |      |       |     |
| ABØS         | 54,243  | 441  | 123   | KS  |             |        |      |       |     |                 |        |      |       |     |
| NØTA         | 48,026  | 407  | 118   | CO  |             |        |      |       |     |                 |        |      |       |     |
| AEØA         | 47,628  | 486  | 98    | SD  |             |        |      |       |     |                 |        |      |       |     |



Bobby, WM5H. [Jordan, KF5GDJ, Photo]

**Multi-Two Scores**

| <i>Call Sign</i> | <i>Score</i> | <i>QSOs</i> | <i>Mults</i> | <i>QTH</i> | <i>Operators</i>                           |
|------------------|--------------|-------------|--------------|------------|--|
| W5WZ             | 187,740      | 1043        | 180          | LA         | W5WZ, WM5H                                 |
| NV9L             | 166,944      | 888         | 188          | IL         | NV9L, WB9Z                                 |
| WV4P             | 166,617      | 891         | 187          | TN         | NR4L, WV4P                                 |
| W4MLB            | 112,942      | 758         | 149          | FL         | WB5ZGA, KK4ZWC, N4EN, W7TSO, KE0NRY, K4ILG |
| N3QE             | 105,230      | 619         | 170          | MD         | N3QE                                       |
| K3MTR            | 99,022       | 643         | 154          | MD         | N3DPB, WA3EKL, KB3VQC, K6ZO, K3MTR         |
| K3AJ             | 89,498       | 613         | 146          | MD         | K3AJ, W3MAM                                |
| N1MGO            | 83,840       | 641         | 131          | MA         | N1MGO, KT1I                                |
| K3CCR            | 83,820       | 635         | 132          | MD         | W3GB, N3UM                                 |
| N3RC             | 78,768       | 547         | 144          | CA         | N3RC                                       |
| W3LL             | 69,230       | 430         | 161          | MD         | W3LL                                       |
| K4XL             | 58,764       | 498         | 118          | VA         | K4XL                                       |
| K6DTT/1          | 55,428       | 447         | 124          | ME         | K6DTT/1                                    |
| AB5EB            | 51,051       | 429         | 119          | TX         | AB5EB, NK5P, WQ5C                          |
| W3GH             | 47,674       | 394         | 121          | PA         | AC3GB, KG4MSB, KC3LHW, WC3O                |
| K7BTW            | 42,790       | 389         | 110          | WA         | K7BTW                                      |
| N3MN             | 38,796       | 366         | 106          | VA         | N3MN                                       |
| AB9YC            | 36,448       | 268         | 136          | IL         | AB9YC                                      |
| VE2FK            | 34,560       | 384         | 90           | QC         | VE2FK                                      |
| AF6SA            | 33,488       | 299         | 112          | CA         | AF6SA                                      |
| W1IE             | 32,240       | 310         | 104          | VA         | W1IE                                       |
| W9AV             | 30,485       | 335         | 91           | WI         | W9AV                                       |
| K4IU             | 23,422       | 239         | 98           | MN         | K4IU                                       |
| W9PA             | 20,412       | 189         | 108          | IN         | W9PA                                       |
| N9TR             | 20,140       | 212         | 95           | NY         | N9TR, N8CL                                 |
| WA9IVH           | 17,472       | 192         | 91           | IL         | WA9IVH                                     |
| VE3MZD           | 17,177       | 193         | 89           | ON         | VE3MZD                                     |
| K3AU             | 16,632       | 189         | 88           | MD         | K2YWE                                      |
| KD3TB            | 15,521       | 187         | 83           | PA         | KD3TB                                      |
| K0BX             | 14,058       | 198         | 71           | MO         | K0BX                                       |
| K4GM             | 13,035       | 165         | 79           | VA         | K4GM                                       |
| W1BQ             | 11,410       | 163         | 70           | FL         | W1BQ                                       |
| K2MK             | 9,516        | 156         | 61           | FL         | K2MK                                       |
| W3GVX            | 9,438        | 143         | 66           | MD         | W3GVX                                      |
| K6NV             | 9,174        | 139         | 66           | CA         | K6NV                                       |
| KG3V             | 8,470        | 121         | 70           | VA         | KG3V                                       |
| NN3RP            | 8,432        | 136         | 62           | DC         | NN3RP                                      |
| N5YJZ            | 8,384        | 131         | 64           | CA         | N5YJZ                                      |
| AB3CV            | 8,320        | 130         | 64           | MD         | AB3CV                                      |
| KC3OOL           | 8,083        | 137         | 59           | MD         | KC3OOL                                     |
| AD8FD            | 7,844        | 148         | 53           | OH         | AD8FD                                      |
| W4EE             | 7,740        | 129         | 60           | FL         | W4EE                                       |
| W3IDT            | 6,426        | 126         | 51           | MD         | W3IDT                                      |
| AC6ZM            | 6,300        | 126         | 50           | TN         | AC6ZM                                      |
| AD5XI            | 6,240        | 104         | 60           | MD         | AD5XI                                      |
| W9YK             | 6,206        | 107         | 58           | IL         | W9YK                                       |
| W9OA             | 6,120        | 120         | 51           | IL         | W9OA                                       |
| NJ1F             | 6,060        | 101         | 60           | NY         | NJ1F, K1RQ                                 |
| K4MGE            | 6,004        | 158         | 38           | TN         | K4MGE                                      |
| N3HEE            | 5,300        | 100         | 53           | MD         | N3HEE                                      |
| W3YY             | 4,608        | 96          | 48           | VA         | W3YY                                       |
| W4THI            | 4,094        | 89          | 46           | FL         | W4THI, KN4NZH                              |
| VE3WEJ           | 4,080        | 80          | 51           | ON         | VE3WEJ                                     |
| WD6T             | 4,018        | 98          | 41           | CA         | WD6T                                       |
| W7CO             | 3,666        | 94          | 39           | OR         | W7CO                                       |
| K8BL             | 3,225        | 75          | 43           | OH         | K8BL                                       |
| K6KM             | 2,405        | 65          | 37           | CA         | K6KM                                       |
| K5GZR            | 2,065        | 59          | 35           | TX         | K5GZR                                      |
| K5LGX            | 1,961        | 53          | 37           | TX         | K5LGX                                      |
| WN8Y             | 1,881        | 57          | 33           | TN         | WN8Y                                       |
| K2WK             | 1,798        | 58          | 31           | VA         | K2WK                                       |
| ND3D             | 1,792        | 64          | 28           | MD         | ND3D                                       |
| WC7Q             | 1,776        | 48          | 37           | WA         | WC7Q                                       |
| W8XY             | 1,716        | 52          | 33           | OH         | W8XY                                       |
| KS0CW            | 1,488        | 48          | 31           | VA         | KS0CW                                      |
| K3KZU            | 1,440        | 48          | 30           | KY         | K3KZU                                      |
| KC3ODW           | 1,421        | 49          | 29           | MD         | KC3ODW                                     |
| KY4KD            | 1,323        | 49          | 27           | KY         | KY4KD                                      |
| W1FSH            | 1,320        | 55          | 24           | MA         | W1FSH                                      |
| N5KB             | 1,184        | 37          | 32           | IA         | N5KB                                       |
| W5GFI            | 736          | 32          | 23           | OK         | W5GFI                                      |
| N3MM             | 638          | 29          | 22           | VA         | N3MM                                       |
| KM4RK            | 546          | 26          | 21           | SC         | KM4RK                                      |
| N4LF             | 81           | 9           | 9            | DE         | N4LF                                       |
| K0KEV            | 70           | 10          | 7            | MO         | K0KEV                                      |

Check Logs

AA8R, AC6BW, AK2S, DJ3IW, GW5NF, K0VW, K1BZ, K2PAL, K7QA, KG0TW, N2LEE, N7XCZ, N8OO, NF4A, NN9C, VE3NZ, W1AJT, W1N, W2CDO, W4GHV, W4UEF, W4UK, W7GRA, WA0BSW, WA2MCR