

## Results: North American QSO Party, SSB — January 2024

It is clear Solar Cycle 25 has had an impact on conditions as top scores have improved by at least 10% from a year ago. Evidence of this can be seen in the five different major categories where four new scoring records were set, three of which broke the record scores set just last year.

Rich, N6KT, operating W7RN, broke his own scoring record in the Single Operator category. Last year he scored 478,952 points, and this year his new record is 530,160 points. The Single-Op Assisted category saw a huge jump in the record from last year, going from 322,110 to 492,000 points with Mitch, K7RL, setting the new record. The Single-Op Assisted QRP category also had a large jump in the record score from 27,559 to 56,940 points; Joel, N9LQ, is the new record setter in that category.

Team contesting also had a new scoring record set. NCCC Team #1 “Born to Run” raised the record of 1,579,700, which was set in 2001, up to 1,623,897.

The Single Operator QRP record score, set by George, K5TR, in 2014, of 153,400 points is still safe. However, in the Multi-Two category, the winning station came close to breaking it with a score of 903,727, compared with the record of 941,173 points set by NX5M in 2012.

Will we see more records set next year as Cycle 25 progresses? We will just have to wait and see.

### North American Collegiate Championship

This is the sixth year for the North American Collegiate Championship (NACC). As with other activities, the NACC has struggled with participation since the pandemic. This year

only two schools registered for the event, with one additional school participating in the January NAQP that missed registering for the NACC.

Earning the 2024 North American Collegiate Championship award is K9IU at Indiana University. This is an improvement from their second-place finish last year, and only their second entry into the championship competition. Finishing second place is Louisiana State University, K5LSU.

### Single Operator

In the most popular category, Single Operator, Rich, N6KT, operated W7RN in Nevada to a first-place finish with that record-breaking score of 530,160 points. Back in January 2023, Rich also finished in first place in this category. In second place is Pat, N9RV, in Montana, with 506,538 points. Dropping a position from last year is Bill, V31XX, finishing third with 451,437 points.

### QRP

With some of the best scoring in the QRP category that I’ve seen, Tom, W5MX, with 66,568 points finished in first place. Kylee, KEØWPA, followed in second with 33,630 points. Closing out the top three spots is Mike, W7LG, with 18,067 points.

### Assisted Categories

It was interesting to see the large spread of scores with the top five stations in the Single Operator Assisted category. They had a spread of almost 200,000 points between first and fifth place. After that, scoring became fairly close. Finishing first was Mitch, K7RL, in Washington, with 492,000 points. In second was Fred, K9VV, operating KP2RUM, with 410,688 points. Ken, KØEU, in

Colorado, rounded out the top three with 383,568 points.

The QRP Assisted category had a nice balance in the scoring where Joel, N9LQ, finished first with 56,940 points and Ron, WQ6X, took second with 30,870 points.

### Youth Participation

The number of individuals submitting logs with the Youth Overlay is up 25% from last year. Looking at the call signs in the list, several of the individuals are active in other areas of amateur radio. An example of this is Kate, KE8LQR, who presented at Dayton this year, and Kylee, KEØWPA, who is working on something for the ARRL Minnesota State Convention later this year. This is a good sign for the future. However, we still need to help and support these individuals to continue the growth in that area.



Kate, KE8LQR, at K8LPS Columbiana Clippers Amateur Radio & Electronics Club (courtesy of KB8VAQ).



In the Unassisted group, Kees, WØAAE, took the top spot with 170,316 points operating at Toni's, NØNI, station in Iowa. Last year, Kees operated in the Assisted category. Following in second is Drew, KM9DX, with 111,420 points in Illinois. This is an improvement from his third-place finish last year. Kate, KE8LQR, operating K8LPS in Ohio, followed in third with 49,200 points. Finishing fourth is Kylee, KEØWPA, in Minnesota with 33,360 points.

The Assisted Youth group had Grace, KE8RJU, from Michigan taking first with 107,824 points and Tim, KC1RVY, in Tennessee finishing second with 14,352 points.

### Multi-Two

The K5TR operating team finished in first place of the Multi-Two category. Operators K5TR, N5TJ, and WO5T finished with a score of 903,727 points. In second place were NP3Y and WP3C operating NP3Y with a score of 756,738 points. Taking third was 8P5A, with W2SC and KA1JJR operating the station.

### Teams

In the Team Competition, the NCCC Team #1 "Born to Run" certainly must have done just that to finish in first place

with a score of 1,623,897 points. Team members included AE6Y, N6IE, W7RN, WC6H, and WD6T. The second-place team, AOCC Outlaws, made a valiant attempt for the top spot but fell short with 1,377,381 points. That team consisted of K6LL, KY7M, N4ZZ, N7RQ, and ND7K. In third place was Deep Dixie CC Team Elvis, scoring 1,187,026 points with teammates AC6ZM, K5KU, K7RL, N5EE, and NJ4P.

### Combined Scores

Finishing first in the combined scores competition is Alex, KI6RRN, operating ND7K for both CW and SSB events. Alex accomplished this by

finishing second in CW and fourth in SSB. Following in second place is Mike, W9RE, finishing sixth place in the SSB event and outside the top 10 in CW. Third-place finisher is former CW manager Chris, KL9A, at N9RV, finishing first in CW and not participating in the SSB event. Finally, in fourth place is Rich, N6KT, at W7RN, taking first place in SSB and not operating in CW.

The next NAQP SSB event is Saturday, August 17, where I hope to get many of you in the log. As always, log-checking reports are available upon request to [ssbnaqpmgr@ncjweb.com](mailto:ssbnaqpmgr@ncjweb.com).

#### NACC Results

| Call Sign | Score  | QSO | Mults | QTH | School                     |
|-----------|--------|-----|-------|-----|----------------------------|
| K9IU      | 58,776 | 474 | 124   | IN  | Indiana University         |
| W6BHZ*    | 1,073  | 37  | 29    | CA  | Cal Poly                   |
| K5LSU     | 1,050  | 42  | 25    | LA  | Louisiana State University |

\* Did not qualify for awards.

#### Combined CW/SSB Scores

| Call Sign | Total | CW  | SSB |
|-----------|-------|-----|-----|
| KI6RRN    | 827   | 402 | 425 |
| W9RE      | 541   | 242 | 299 |
| KL9A      | 500   | 500 | 0   |
| N6KT      | 500   | 0   | 500 |
| N9RV      | 477   | 0   | 477 |
| K5KU      | 453   | 204 | 249 |
| W1SJ      | 431   | 140 | 291 |
| V31XX     | 425   | 0   | 425 |
| KL7SB     | 405   | 217 | 188 |
| N6TR      | 399   | 396 | 3   |

#### Single Op Top Ten Breakdowns

| Call          | Score   | QSOs | Mults | 160    | 80     | 40     | 20     | 15     | 10     |                          |
|---------------|---------|------|-------|--------|--------|--------|--------|--------|--------|--------------------------|
| W7RN (N6KT)   | 530,160 | 1880 | 282   | 38/14  | 200/53 | 281/56 | 385/59 | 383/51 | 593/49 | NCCC Team #1 Born To Run |
| N9RV          | 506,538 | 1926 | 263   | 30/13  | 138/46 | 508/60 | 300/49 | 299/49 | 651/46 | Big Sky Contesters       |
| V31XX         | 451,437 | 1743 | 259   | 11/8   | 66/32  | 374/54 | 308/56 | 246/52 | 738/57 |                          |
| ND7K (KI6RRN) | 450,900 | 1670 | 270   | 16/11  | 92/38  | 459/60 | 316/60 | 352/54 | 435/47 | AOCC OUTLAWS             |
| K4ZW          | 335,400 | 1290 | 260   | 63/27  | 210/46 | 337/56 | 455/56 | 149/42 | 76/33  |                          |
| W9RE          | 317,730 | 1190 | 267   | 108/37 | 267/53 | 338/60 | 219/51 | 94/37  | 164/29 | SMC Beach Party          |
| ZF2PG (K8PGJ) | 314,868 | 1381 | 228   | 0/0    | 21/12  | 419/55 | 307/56 | 226/50 | 408/55 |                          |
| KW8N          | 311,552 | 1217 | 256   | 80/30  | 318/54 | 344/58 | 223/51 | 127/35 | 125/28 | MRRC/NCC Team            |
| W1SJ          | 309,582 | 1323 | 234   | 32/15  | 222/42 | 221/49 | 461/55 | 328/54 | 59/19  |                          |
| KK1L          | 297,024 | 1344 | 221   | 39/17  | 214/43 | 357/51 | 547/53 | 132/36 | 55/21  |                          |

#### Single Op QRP Top Five Breakdowns

| Call   | Score  | QSOs | Mults | 160   | 80     | 40     | 20     | 15    | 10    |                                |
|--------|--------|------|-------|-------|--------|--------|--------|-------|-------|--------------------------------|
| W5MX   | 66,568 | 424  | 157   | 41/20 | 134/38 | 123/41 | 25/22  | 31/18 | 70/18 |                                |
| KEØWPA | 33,630 | 285  | 118   | 0/0   | 6/5    | 46/25  | 65/33  | 89/34 | 79/21 | Minnesota Wireless Frozen Five |
| W7LG   | 18,067 | 203  | 89    | 0/0   | 23/16  | 38/24  | 115/33 | 16/10 | 11/6  |                                |
| K2YG   | 17,992 | 173  | 104   | 0/0   | 36/23  | 37/22  | 25/15  | 42/24 | 33/20 | NPARC Suppressors              |
| KE6K   | 13,872 | 136  | 102   | 0/0   | 5/5    | 40/29  | 31/25  | 45/30 | 15/13 | AOCC BANDITO                   |

**Single Op Youth (25 years old or younger) Breakdowns**

| Call            | Score   | QSOs | Mults | 160   | 80    | 40     | 20     | 15     | 10     |                                |
|-----------------|---------|------|-------|-------|-------|--------|--------|--------|--------|--------------------------------|
| W0AAE           | 170,316 | 996  | 171   | 0/0   | 17/10 | 311/50 | 210/43 | 398/48 | 60/20  | Minnesota Wireless Frozen Five |
| KM9DX           | 111,420 | 619  | 180   | 15/14 | 75/33 | 166/40 | 142/37 | 118/36 | 103/20 |                                |
| KE8LQR (@K8LPS) | 49,200  | 400  | 123   | 0/0   | 90/28 | 136/35 | 155/47 | 14/9   | 5/4    |                                |
| KE0WPA          | 33,630  | 285  | 118   | 0/0   | 6/5   | 46/25  | 65/33  | 89/34  | 79/21  | Minnesota Wireless Frozen Five |
| NC8R            | 19,462  | 263  | 74    | 0/0   | 0/0   | 8/5    | 127/40 | 18/14  | 110/15 |                                |
| A15ZK           | 1,664   | 52   | 32    | 0/0   | 0/0   | 3/2    | 15/10  | 12/8   | 22/12  |                                |
| AK6EQ (@K6TJ)   | 1,160   | 40   | 29    | 0/0   | 0/0   | 0/0    | 5/5    | 0/0    | 35/24  |                                |
| K5LSU (A15OD)   | 1,050   | 42   | 25    | 0/0   | 0/0   | 0/0    | 30/17  | 0/0    | 0/0    |                                |
| N4MLF           | 960     | 40   | 24    | 0/0   | 0/0   | 0/0    | 19/14  | 0/0    | 21/10  |                                |

**Single Op Assisted Top Ten Breakdowns**

| Call          | Score   | QSOs | Mults | 160   | 80     | 40     | 20     | 15     | 10     |                          |
|---------------|---------|------|-------|-------|--------|--------|--------|--------|--------|--------------------------|
| K7RL          | 492,000 | 1640 | 300   | 10/8  | 173/54 | 425/63 | 305/64 | 398/56 | 329/55 | Deep Dixie CC Team Elvis |
| KP2RUM (K9VV) | 410,688 | 1426 | 288   | 7/5   | 98/42  | 214/58 | 242/60 | 337/61 | 528/62 | FCG WAHOO                |
| K0EU          | 383,568 | 1464 | 262   | 19/14 | 130/48 | 289/53 | 499/63 | 343/53 | 184/31 | GMCC Av's                |
| WD6T (@N6RO)  | 382,760 | 1367 | 280   | 21/8  | 102/46 | 244/57 | 267/64 | 304/50 | 429/55 | NCCC Team #1 Born To Run |
| K3MM          | 327,810 | 1115 | 294   | 53/23 | 244/53 | 285/61 | 283/63 | 151/49 | 99/45  |                          |
| WX3B          | 294,560 | 1120 | 263   | 45/21 | 142/40 | 263/59 | 377/58 | 219/52 | 74/33  |                          |
| N6IE          | 285,881 | 1087 | 263   | 11/6  | 72/39  | 317/57 | 258/57 | 221/55 | 208/49 | NCCC Team #1 Born To Run |
| K6LL          | 282,366 | 1162 | 243   | 3/3   | 33/25  | 214/58 | 381/63 | 203/49 | 328/45 | AOCC OUTLAWS             |
| K9CT          | 256,665 | 1065 | 241   | 77/32 | 311/59 | 363/60 | 161/42 | 71/26  | 82/22  | SMC Beach Party          |
| KG9X          | 240,084 | 972  | 247   | 46/27 | 195/44 | 214/51 | 187/52 | 130/43 | 200/30 | SMC Sun Scree            |

**Single Op Assisted QRP Top Five Breakdowns**

| Call  | Score  | QSOs | Mults | 160   | 80    | 40    | 20     | 15    | 10     |                 |
|-------|--------|------|-------|-------|-------|-------|--------|-------|--------|-----------------|
| N9LQ  | 56,940 | 365  | 156   | 13/10 | 61/28 | 74/37 | 107/41 | 72/28 | 38/12  | SMC Sun Screen  |
| WQ6X  | 30,870 | 245  | 126   | 0/0   | 13/8  | 35/24 | 40/30  | 47/34 | 110/30 | SCCC            |
| K4OV  | 17,820 | 198  | 90    | 0/0   | 55/18 | 51/25 | 62/26  | 30/21 | 0/0    |                 |
| WC7S  | 15,921 | 183  | 87    | 0/0   | 4/4   | 48/27 | 54/27  | 75/27 | 2/2    | GMCC Nuggets    |
| K7DLX | 4,620  | 77   | 60    | 0/0   | 0/0   | 23/17 | 24/17  | 16/14 | 14/12  | Dixie Renegades |

**Single Op Assisted Youth (25 years old or younger) Breakdowns**

| Call   | Score   | QSOs | Mults | 160 | 80     | 40     | 20     | 15    | 10    |  |
|--------|---------|------|-------|-----|--------|--------|--------|-------|-------|--|
| KE8RJU | 107,824 | 586  | 184   | 0/0 | 172/43 | 150/49 | 203/53 | 32/24 | 29/15 |  |
| KC1RVY | 14,352  | 184  | 78    | 0/0 | 10/6   | 62/28  | 96/31  | 9/7   | 7/6   |  |
| KA4JAM | 7,807   | 211  | 37    | 0/0 | 0/0    | 0/0    | 211/37 | 0/0   | 0/0   |  |

**Multi-Two Breakdowns**

| Call | Score   | QSOs | Mults | 160   | 80     | 40     | 20     | 15     | 10     |  |
|------|---------|------|-------|-------|--------|--------|--------|--------|--------|--|
| K5TR | 903,727 | 2833 | 319   | 41/20 | 186/50 | 688/64 | 701/64 | 548/57 | 669/64 |  |
| NP3Y | 756,738 | 2473 | 306   | 5/7   | 94/37  | 558/64 | 417/69 | 606/63 | 793/66 |  |
| 8P5A | 742,203 | 2499 | 297   | 11/9  | 152/43 | 361/57 | 445/60 | 545/60 | 985/68 |  |

**Team Scores**

| 1. NCCC Team #1 Born To Run | 2. AOCC OUTLAWS        | 3. Deep Dixie CC Team Elvis |
|-----------------------------|------------------------|-----------------------------|
| W7RN 530,160                | ND7K 450,900           | K7RL 492,000                |
| WD6T 382,760                | K6LL 282,366           | K5KU 264,248                |
| N6IE 285,881                | N4ZZ 237,061           | NJ4P 195,980                |
| WC6H 252,896                | N7RQ 227,688           | N5EE 166,170                |
| AE6Y 172,200                | KY7M 179,366           | AC6ZM 68,628                |
| <b>Total 1,623,897</b>      | <b>Total 1,377,381</b> | <b>Total 1,187,026</b>      |

**Team**

- GMCC Av's
- SMC Beach Party
- Big Sky Contesters
- FCG WAHOO
- SFCG One Ping Only
- MRRC/NCC Team
- FRC Team 90
- FCG KINGFISH
- Minnesota Wireless Frozen Five
- KCCC-Travis
- DFW Contest Group
- KCG Team A
- KCCC-Taylor
- NCCC Team #2
- SMC Sun Screen
- CCO#1
- TCG Hilltoppers
- AOCC BANDITOS
- FCG TUNA
- FRC Team 270
- Boiled Owls
- I-guana Rock and Roll All Night
- PVRC K4 SSB Sluggers
- GMCC Nuggets
- SMC Heat Wave
- Artificial Snowtelligence
- Deep Dixie CC Team Magnolia
- FRC Team 180
- FCG GROUPER
- SFCG Crazy Ivan
- TCG Valley Dwellers
- Metro Windchill
- FRC Team 360
- HVCDX
- SCCC

**Operators**

- Total**
- K0EU, K0UK, KH6CJJ, N7MZW, AD1C 1,021,596
  - W9RE, K9CT, W79U, K9PW, KB0V 1,018,550
  - N9RV, K0SN, K7QA, WN7Y, KT0P 902,569
  - KP2RUM, NE8P, K4BAI, K5KG, KA3FZO 686,942
  - K3DNE, N4XL, KG4IGC, K4QQG, KZ3P 592,927
  - KW8N, K8MR, K8BB, K8MQP, NF8M 582,005
  - NF3R, AA3R, WA2CP, WA3AAN, AB2E 481,764
  - K2SG, K4JC, T12CC, N4BP, KM4HI 465,587
  - W0AAE, N0XT, KA0PQW, KE0WPA, K0SV 450,558
  - NS0R, A160, NW0M, NJ8M 421,493
  - AD5XD, NT5V, N5BIG, AF5CC 379,488
  - KJ4YLR, ND4Y, KM4CH, KM4FO, K4FN 362,731
  - AA0FO, K0TRL, K0VBU, K0FUZ, K0AP 311,361
  - KA6BIM, K6GHA, N6ZFO, AJ6V 304,855
  - KG9X, N9LQ 297,024
  - VE3PJ, VE3LRL, VE3DZ, VA6RCN 288,401
  - K4RO, WF7T, W4UT, N4MCC, K3IE 260,133
  - KH7X, W4IDX, N7LR, KE6K, KC1BB 253,166
  - W4LT, K4NMR, AJ4HP, WN3DX 245,692
  - K2RET, WA2DNI, K3TS, N2HMM 227,622
  - W2JV, KS2G, KO8SCA 223,281
  - KL7SB, AJ9C 219,723
  - N1RM, N3AM, K3TN 217,254
  - W0PSY, N0TA, WC7S 210,834
  - W9QL, WB8BZK, W9MR, N9XX, AB9YC 203,580
  - VE9XX, VY2LI, VE9AA, VO2AC 199,961
  - K5TS, K4AFE 171,691
  - W3FIZ, K17WX, W3WHK, AA3B 171,365
  - K4EJ, KT3T, NN7CW, NK4O, KQ4GAH 152,686
  - WN4AFP, N4VZ, K4FT, N4VGE, N2OG 148,602
  - K0EJ, A14DB, K4DXV, WA4JA 143,447
  - N2BJ, W9PDS, NE9A 143,204
  - N2RC, K9RS, NW3Y 126,728
  - WA2JQK, N2MTG, WA3AFS, WA2GOT 112,555
  - W6TK, WQ6X 93,492

|  |                                  |        |
|--|----------------------------------|--------|
| 39. Metro Frostbite                    | W9ILY, WT2P, K9GA, WA9LEY, K9LOT | 93,049 |
| 40. The Braille Team                   | KW3A, K5XU                       | 84,422 |
| 41. Dixie Renegades                    | N3FR, WI7J, K7DLX                | 82,746 |
| 42. I.V. League                        | KA6KEN, KN6ZZI, AI6VX, K6QD      | 73,229 |
| 43. KCG Team B                         | KC4WQ, KD4ULD, KO4OL             | 55,689 |
| 44. NPARC Suppressors                  | K2AL, K2YG, KC2WUF, N2TO, K2UI   | 42,058 |
| 45. Allegheny Valley Radio Association | KN3A, KB3ORR, W3WC               | 41,317 |
| 46. SMC Sun Burn                       | KD9MS, W9XT, AF9J                | 39,713 |
| 47. Flying Iguanas                     | K8ROX, K9NW, N9WK, EA3HSO, W9IZ  | 38,708 |
| 48. LAARK1                             | KD2KW, AI5G, K5MAY               | 32,961 |
| 49. Eastern Ohio Contesters            | KE8E, WA8ZNC                     | 32,922 |
| 50. ACG #1                             | W4NBS, N4KH                      | 24,961 |
| 51. Harris                             | J88IH, J88VL                     | 24,544 |
| 52. Yes, DC is a Multiplier            | NN3RP, AC5XK                     | 18,470 |
| 53. NCCC Team #3                       | WU7W, NN6U, W6RKC, KF6NCX        | 14,405 |
| 54. KCCC-Patrick                       | K3PA                             | 13,904 |
| 55. GMCC Rockies                       | KC0VDY, AB0CD                    | 6,244  |
| 56. LAARK2                             | K5CCW                            | 3,234  |
| 57. Bristol Dipoles                    | N4NT, AA4DD                      | 257SI  |

**Single Operator Scores**

| Call           | Score   | QSOs | Mults | QTH | Team              | N2WLY        | 384     | 24   | 16  | NJ |
|----------------|---------|------|-------|-----|-------------------|--------------|---------|------|-----|----|
| W1SJ           | 309,582 | 1323 | 234   | VT  |                   | K2UI         | 306     | 18   | 17  | NJ |
| KK1L           | 297,024 | 1344 | 221   | VT  |                   | KD2VSD       | 260     | 20   | 13  | NY |
| K1VUT          | 161,934 | 822  | 197   | MA  |                   | KC2JRQ       | 110     | 11   | 10  | NY |
| AK1MD          | 143,232 | 746  | 192   | MA  |                   | N2MZJ        | 64      | 8    | 8   | NY |
| NG1M           | 74,520  | 460  | 162   | RI  |                   | WA2VIU       | 56      | 8    | 7   | NY |
| W1JIM          | 50,652  | 378  | 134   | MA  |                   | KD4RN        | 20      | 4    | 5   | NY |
| NC1CC (WA1BXY) | 49,530  | 390  | 127   | RI  |                   | WT2J         | 4       | 2    | 2   | NY |
| N1IQ           | 24,500  | 196  | 125   | CT  |                   | WB2ZAB       | 158,912 | 832  | 191 | MD |
| N1SFE          | 14,616  | 174  | 84    | CT  |                   | N3FR         | 73,386  | 486  | 151 | PA |
| N1WRK          | 13,886  | 262  | 53    | MA  |                   | WR3R         | 58,580  | 404  | 145 | MD |
| K1BIF          | 9,720   | 120  | 81    | VT  |                   | KW3A         | 56,240  | 380  | 148 | PA |
| KC1FOZ         | 6,090   | 105  | 58    | NH  |                   | K2ACX        | 44,620  | 388  | 115 | DC |
| KA1AMR         | 5,487   | 93   | 59    | MA  |                   | 4U1WB (AJ3M) | 40,180  | 410  | 98  | DC |
| KC1HSE         | 5,194   | 106  | 49    | MA  |                   | KN3A         | 26,936  | 296  | 91  | PA |
| KC1QEM         | 5,074   | 86   | 59    | MA  |                   |              |         |      |     |    |
| ND1X           | 4,692   | 92   | 51    | CT  |                   | N1EK         | 24,985  | 263  | 95  | MD |
| AB1EP          | 3,848   | 74   | 52    | ME  |                   | KC3STZ       | 19,720  | 170  | 116 | PA |
| N1UMJ          | 3,808   | 68   | 56    | MA  |                   | *W7LG        | 18,067  | 203  | 89  | PA |
| AA1VV          | 2,904   | 66   | 44    | RI  |                   | K3KU         | 14,652  | 198  | 74  | MD |
| KA1C           | 2,610   | 58   | 45    | ME  |                   | WB8YYY       | 13,923  | 153  | 91  | MD |
| W1WWW          | 2,440   | 61   | 40    | NH  |                   | K3AU (K2YWE) | 13,860  | 165  | 84  | MD |
| N1QY           | 1,880   | 47   | 40    | MA  |                   | W3JZ         | 11,388  | 146  | 78  | PA |
| KB1OHC         | 1,813   | 49   | 37    | RI  |                   | KA3JNN       | 10,956  | 132  | 83  | MD |
| N3OA           | 1,739   | 47   | 37    | ME  |                   | NC3Y         | 8,487   | 123  | 69  | MD |
| N1AM           | 1,485   | 45   | 33    | MA  |                   | KB3ORR       | 7,437   | 111  | 67  | PA |
| K1PCN          | 1,292   | 38   | 34    | CT  |                   |              |         |      |     |    |
| N1WEN          | 1,147   | 37   | 31    | MA  |                   | N13K         | 7,371   | 117  | 63  | PA |
| KB1RJS         | 930     | 31   | 30    | CT  |                   | KD3H         | 7,260   | 110  | 66  | MD |
| KC1SFJ         | 918     | 34   | 27    | VT  |                   | W3WC         | 6,944   | 112  | 62  | PA |
| WA1YGT         | 868     | 31   | 28    | ME  |                   |              |         |      |     |    |
| *W1TRK         | 644     | 28   | 23    | MA  |                   | AA3OB        | 5,504   | 86   | 64  | PA |
| N1FFR          | 598     | 26   | 23    | CT  |                   | WS3C         | 5,251   | 89   | 59  | PA |
| K1WJY          | 425     | 25   | 17    | ME  |                   | W3KN         | 3,550   | 71   | 50  | MD |
| KA1QEK         | 418     | 22   | 19    | NH  |                   | K3DWS        | 1,530   | 51   | 30  | PA |
| KA1VGM         | 391     | 23   | 17    | NH  |                   | AC5XK        | 1,475   | 59   | 25  | DC |
| KC1RVK         | 357     | 21   | 17    | MA  |                   | W3CHB        | 1,044   | 36   | 29  | MD |
| AC1MT          | 64      | 8    | 8     | MA  |                   | KA3KSP       | 924     | 33   | 28  | PA |
| AA1NK          | 16      | 4    | 4     | MA  |                   | KE3AO        | 270     | 18   | 15  | MD |
|                |         |      |       |     |                   | K3ZO (N8IVN) | 154     | 14   | 11  | MD |
| N2MF           | 185,525 | 905  | 205   | NY  |                   | KD3CR        | 49      | 7    | 7   | MD |
| N2QV           | 164,182 | 797  | 206   | NY  |                   | KC3UDJ       | 25      | 5    | 5   | MD |
| W2LC           | 118,638 | 702  | 169   | NY  |                   | AJ3M         | 4       | 2    | 2   | MD |
| WA2JQK         | 90,090  | 455  | 198   | NY  | HVCDX             |              |         |      |     |    |
| KE2D           | 65,113  | 437  | 149   | NJ  |                   | K4ZW         | 335,400 | 1290 | 260 | VA |
| KS2G           | 60,480  | 432  | 140   | NY  | Boiled Owls       | N4OX         | 282,282 | 1034 | 273 | FL |
| KO8SCA         | 42,000  | 336  | 125   | NY  | Boiled Owls       | N4OO         | 249,917 | 1037 | 241 | GA |
| KB2DSR         | 23,184  | 207  | 112   | NY  |                   | WS7X         | 159,978 | 879  | 182 | FL |
| WB2NVR         | 22,581  | 193  | 117   | NY  |                   | K4BAI        | 126,202 | 709  | 178 | GA |
| KA2FIR         | 21,384  | 198  | 108   | NJ  |                   | KA3MTT       | 103,356 | 638  | 162 | KY |
| *K2YG          | 17,992  | 173  | 104   | NJ  | NPARC Suppressors | K8MR         | 100,596 | 498  | 202 | FL |
| N2NT           | 14,355  | 165  | 87    | NJ  |                   | K0EJ         | 98,098  | 686  | 143 | TN |
| N2MTG          | 10,425  | 139  | 75    | NY  | HVCDX             | K4JC         | 97,713  | 517  | 189 | FL |
| WA3AFS         | 10,170  | 113  | 90    | NY  | HVCDX             | *W5MX        | 66,568  | 424  | 157 | KY |
| KD2REH         | 9,750   | 130  | 75    | NY  |                   | K4EJ         | 55,545  | 483  | 115 | FL |
| N2YG           | 8,584   | 116  | 74    | NY  |                   | WB4YDY       | 50,213  | 337  | 149 | TN |
| KX1W           | 7,875   | 105  | 75    | NJ  |                   | N4BP         | 44,472  | 408  | 109 | FL |
| K2HVE          | 2,784   | 58   | 48    | NJ  |                   | AD4EB        | 42,625  | 341  | 125 | TN |
| N2PTF          | 2,418   | 62   | 39    | NY  |                   | KR4I         | 39,864  | 302  | 132 | NC |
| K2MN           | 2,035   | 55   | 37    | NJ  |                   | NN7CW        | 34,629  | 291  | 119 | FL |
| WA2GOT         | 1,870   | 55   | 34    | NY  | HVCDX             | N4VZ         | 32,026  | 239  | 134 | SC |
| N2GDY          | 1,836   | 54   | 34    | NY  |                   | W9DC         | 24,750  | 275  | 90  | SC |
| AD2BO          | 1,798   | 58   | 31    | NY  |                   | N4SAX        | 24,633  | 207  | 119 | FL |
| AC2ZZ          | 1,428   | 42   | 34    | NJ  |                   | W4NBS        | 23,000  | 200  | 115 | AL |
| *N2TO          | 1,232   | 44   | 28    | NJ  | NPARC Suppressors | K4MDI        | 21,250  | 250  | 85  | SC |
| AK2S           | 720     | 30   | 24    | NJ  |                   | N2YO         | 21,210  | 210  | 101 | VA |
| K2IRK          | 616     | 28   | 22    | NY  |                   | W4RZ         | 20,956  | 169  | 124 | GA |
| KD2EFR         | 418     | 22   | 19    | NY  |                   | KM4FO        | 20,868  | 188  | 111 | KY |



|         |        |     |     |    |                     |               |         |      |     |     |                          |
|---------|--------|-----|-----|----|---------------------|---------------|---------|------|-----|-----|--------------------------|
| K3YDX   | 17,649 | 159 | 111 | NC |                     | KQ4DRX        | 63      | 9    | 7   | FL  |                          |
| W4YE    | 15,456 | 168 | 92  | VA |                     | N7MXK         | 25      | 5    | 5   | VA  |                          |
| KD4ULD  | 14,973 | 161 | 93  | KY | KCG Team B          | NS4E          | 9       | 3    | 3   | TN  |                          |
| K0CIE   | 14,100 | 150 | 94  | FL |                     | KO4YKW        | 6       | 2    | 3   | GA  |                          |
| W4GAT   | 13,104 | 144 | 91  | TN |                     | W9FFA/4       | 2       | 2    | 1   | FL  |                          |
| *N4IJ   | 12,285 | 135 | 91  | NC |                     | KK4MRG        | 0       | 0    | 0   | SC  |                          |
| KS4BG   | 11,664 | 144 | 81  | TN |                     |               |         |      |     |     |                          |
| KY4MAK  | 11,218 | 142 | 79  | KY |                     | K5KU          | 264,248 | 1139 | 232 | LA  | Deep Dixie CC Team Elvis |
| N4VGE   | 10,725 | 143 | 75  | SC | SFCG Crazy Ivan     | AD5XD         | 193,400 | 967  | 200 | TX  | DFW Contest Group        |
| K5KG    | 10,584 | 216 | 49  | FL | FCG WAHOO           | NT5V          | 170,620 | 898  | 190 | TX  | DFW Contest Group        |
| KA4GFY  | 10,508 | 142 | 74  | VA |                     | N5EE          | 166,170 | 870  | 191 | AR  | Deep Dixie CC Team Elvis |
| KO4PRE  | 8,453  | 107 | 79  | VA |                     | WA5JMZ        | 119,282 | 817  | 146 | TX  |                          |
| KK4R    | 8,453  | 107 | 79  | VA |                     | WA5SOG        | 73,038  | 518  | 141 | AR  |                          |
| KB4CG   | 8,448  | 128 | 66  | VA |                     | W5TMC         | 54,621  | 357  | 153 | OK  |                          |
| KY4HV   | 8,319  | 141 | 59  | AL |                     | KI0R          | 46,970  | 305  | 154 | TX  |                          |
| K3IE    | 8,192  | 128 | 64  | TN | TCG Hilltoppers     | N2IC          | 38,745  | 287  | 135 | NM  |                          |
| WK4F    | 7,600  | 100 | 76  | GA |                     | AL5P          | 29,274  | 238  | 123 | TX  |                          |
| K3EP    | 7,070  | 101 | 70  | VA |                     | K5XU          | 28,182  | 231  | 122 | MS  | The Braille Team         |
| N1XI    | 7,038  | 102 | 69  | NC |                     | KC5U          | 27,060  | 330  | 82  | OK  |                          |
| K4XL    | 6,968  | 104 | 67  | VA |                     | WA8ZBT        | 26,112  | 256  | 102 | TX  |                          |
| AC4MG   | 6,960  | 87  | 80  | GA |                     | N5FFN         | 24,610  | 230  | 107 | AR  |                          |
| N4DJ    | 6,565  | 101 | 65  | VA |                     | K5YAC         | 24,278  | 199  | 122 | OK  |                          |
| KG4SRK  | 6,534  | 99  | 66  | KY |                     | WA5MA         | 19,695  | 195  | 101 | OK  |                          |
| N4JRP   | 5,916  | 116 | 51  | SC |                     | KD2KW         | 19,278  | 189  | 102 | TX  | LAARK1                   |
| N4UA    | 5,292  | 98  | 54  | VA |                     | KD5J          | 17,302  | 211  | 82  | AR  |                          |
| NR4O    | 5,050  | 101 | 50  | NC |                     | N5PYQ         | 15,010  | 158  | 95  | MS  |                          |
| W9TCV   | 5,002  | 82  | 61  | FL |                     | W5GUZ         | 14,000  | 140  | 100 | NM  |                          |
| W4BBT   | 4,872  | 84  | 58  | NC |                     | N5BIG         | 13,248  | 144  | 92  | TX  | DFW Contest Group        |
| *W1RCR  | 4,717  | 89  | 53  | FL |                     | N5REL         | 12,834  | 138  | 93  | TX  |                          |
| N4QI    | 3,927  | 77  | 51  | SC |                     | KF5WVJ        | 12,818  | 221  | 58  | MS  |                          |
| NN4NT   | 3,744  | 72  | 52  | AL |                     | AG5B          | 12,470  | 145  | 86  | MS  |                          |
| N3CKI   | 3,431  | 73  | 47  | NC |                     | KG5KRZ        | 9,396   | 116  | 81  | LA  |                          |
| NC4S    | 3,283  | 67  | 49  | NC |                     | A15G          | 8,165   | 115  | 71  | TX  | LAARK1                   |
| W4LAT   | 2,961  | 63  | 47  | FL |                     | K2SHN         | 6,200   | 100  | 62  | AR  |                          |
| W4DTO   | 2,944  | 64  | 46  | GA |                     | K5MAY         | 5,518   | 89   | 62  | TX  | LAARK1                   |
| W2IKN   | 2,867  | 61  | 47  | NC |                     | KE5ET         | 5,429   | 89   | 61  | TX  |                          |
| K4MI    | 2,646  | 63  | 42  | VA |                     | WD5CCA        | 4,250   | 85   | 50  | MS  |                          |
| K3WA    | 2,610  | 58  | 45  | NC |                     | AC5JM         | 4,200   | 75   | 56  | OK  |                          |
| AC2N    | 2,508  | 66  | 38  | FL |                     | N4UPX         | 3,915   | 87   | 45  | MS  |                          |
| N5SMQ   | 2,436  | 58  | 42  | VA |                     | WD5CFM        | 3,816   | 72   | 53  | LA  |                          |
| N8AID   | 2,376  | 54  | 44  | VA |                     | K5CCW         | 3,234   | 77   | 42  | TX  | LAARK2                   |
| N4KH    | 1,961  | 53  | 37  | AL | ACG #1              | AA5AH         | 2,806   | 61   | 46  | TX  |                          |
| K4JSK   | 1,836  | 51  | 36  | NC |                     | NE5B          | 2,760   | 60   | 46  | TX  |                          |
| W3DQS   | 1,800  | 50  | 36  | NC |                     | AF5CC         | 2,220   | 60   | 37  | OK  | DFW Contest Group        |
| KJ4LWN  | 1,692  | 47  | 36  | VA |                     | N5JGE         | 2,156   | 49   | 44  | TX  |                          |
| KO4UOJ  | 1,520  | 40  | 38  | TN |                     | K15PED        | 1,995   | 57   | 35  | TX  |                          |
| WB4MM   | 1,505  | 43  | 35  | FL |                     | KA5PMV        | 1,776   | 48   | 37  | OK  |                          |
| K4RXH   | 1,443  | 39  | 37  | SC |                     | A15ZK         | 1,664   | 52   | 32  | MS  |                          |
| A18O    | 1,435  | 41  | 35  | NC |                     | NU5DE (N5KF)  | 1,645   | 47   | 35  | TX  |                          |
| K4YCR   | 1,080  | 40  | 27  | VA |                     | K4JEP         | 1,537   | 53   | 29  | NM  |                          |
| K4SBZ   | 1,032  | 43  | 24  | FL |                     | KC5GFL        | 1,258   | 37   | 34  | AR  |                          |
| W4YVA   | 1,014  | 39  | 26  | VA |                     | K5LSU (A15OD) | 1,050   | 42   | 25  | LA  |                          |
| K4QR    | 962    | 37  | 26  | FL |                     | W5JUT         | 1,012   | 44   | 23  | NM  |                          |
| N4MLF   | 960    | 40  | 24  | AL |                     | KB5WTX        | 736     | 32   | 23  | TX  |                          |
| WN8Y    | 945    | 35  | 27  | TN |                     | WB5JJJ        | 644     | 28   | 23  | AR  |                          |
| KN4ETD  | 864    | 32  | 27  | GA |                     | K15KUI        | 616     | 28   | 22  | TX  |                          |
| N4RWH   | 800    | 32  | 25  | FL |                     | KE5MPD        | 272     | 17   | 16  | NM  |                          |
| NB4F    | 798    | 38  | 21  | GA |                     | AC5H          | 196     | 14   | 14  | TX  |                          |
| N4NVG   | 775    | 31  | 25  | VA |                     | KF5RUW        | 117     | 13   | 9   | TX  |                          |
| NC4MI   | 756    | 36  | 21  | NC |                     | KJ5DRQ        | 40      | 8    | 5   | TX  |                          |
| KA4JRY  | 625    | 25  | 25  | GA |                     | KJ5CDJ        | 36      | 6    | 6   | TX  |                          |
| WG2G    | 580    | 29  | 20  | VA |                     | KF5OMH        | 12      | 3    | 4   | TX  |                          |
| N4IN    | 567    | 27  | 21  | KY |                     |               |         |      |     |     |                          |
| N4FP    | 552    | 24  | 23  | FL |                     | WC6H          | 252,896 | 1129 | 224 | CA  | NCCC Team #1 Born To Run |
| KF4FMQ  | 532    | 28  | 19  | KY |                     | W6AFA         | 216,884 | 919  | 236 | CA  |                          |
| K4CAB   | 414    | 23  | 18  | VA |                     | AE6Y          | 172,200 | 820  | 210 | CA  | NCCC Team #1 Born To Run |
| KO4OL   | 378    | 21  | 18  | KY | KCG Team B          | KH6CJJ        | 140,007 | 791  | 177 | KH6 | GMCC Av's                |
| AF4T    | 378    | 21  | 18  | TN |                     | K6TU          | 97,888  | 532  | 184 | CA  |                          |
| KQ4GAH  | 352    | 22  | 16  | FL | FCG GROUPER         | K6GHA         | 86,172  | 501  | 172 | CA  | NCCC Team #2             |
| WA2OMT  | 352    | 22  | 16  | VA |                     | N6ZFO         | 75,888  | 496  | 153 | CA  | NCCC Team #2             |
| K4VBX   | 352    | 22  | 16  | VA |                     | N5ZO          | 64,938  | 411  | 158 | CA  |                          |
| KC1DWP  | 304    | 19  | 16  | TN |                     | KA6KEN        | 49,842  | 351  | 142 | CA  | I.V. League              |
| KS4X    | 272    | 17  | 16  | TN |                     | AJ6V          | 31,654  | 266  | 119 | CA  | NCCC Team #2             |
| KO4QEX  | 255    | 17  | 15  | GA |                     | N6OKU         | 22,244  | 268  | 83  | CA  |                          |
| W4DUK   | 252    | 18  | 14  | VA |                     | K6LA          | 21,300  | 213  | 100 | CA  |                          |
| N4BFR   | 221    | 17  | 13  | GA |                     | KN6ZZI        | 16,170  | 165  | 98  | CA  | I.V. League              |
| WZ4CH   | 195    | 15  | 13  | AL |                     | WA7BNM        | 14,773  | 187  | 79  | CA  |                          |
| KO4ZIK  | 195    | 15  | 13  | VA |                     | KE6QR         | 12,936  | 154  | 84  | CA  |                          |
| W1AM    | 182    | 14  | 13  | GA |                     | N6YEU         | 12,672  | 144  | 88  | CA  |                          |
| N4NT    | 176    | 16  | 11  | TN | Bristol Dipoles     | N7WLC         | 11,136  | 128  | 87  | CA  |                          |
| *KK4KFG | 144    | 12  | 12  | NC |                     | K6KTS         | 8,979   | 123  | 73  | CA  |                          |
| WA4JA   | 132    | 12  | 11  | TN | TCG Valley Dwellers | K6DAV         | 7,866   | 114  | 69  | CA  |                          |
| KK4HFG  | 132    | 12  | 11  | SC |                     | WZ6ZZ         | 7,560   | 108  | 70  | CA  |                          |
| N4DAR   | 117    | 13  | 9   | KY |                     | W6AAE         | 7,373   | 101  | 73  | CA  |                          |
| KO4UMQ  | 96     | 12  | 8   | KY |                     | W6JBR         | 6,528   | 96   | 68  | CA  |                          |
| AF4TQ   | 90     | 9   | 10  | GA |                     | A16VX         | 5,551   | 91   | 61  | CA  | I.V. League              |
| AA4DD   | 81     | 9   | 9   | TN | Bristol Dipoles     | K6ESS         | 5,160   | 86   | 60  | CA  |                          |
| KW4LU   | 72     | 9   | 8   | TN |                     | NN7O          | 4,756   | 82   | 58  | CA  |                          |
| *KM4NNE | 70     | 10  | 7   | VA |                     | KB6ODH        | 4,503   | 79   | 57  | CA  |                          |

|               |         |      |     |     |                                 |                 |         |      |     |    |                                 |
|---------------|---------|------|-----|-----|---------------------------------|-----------------|---------|------|-----|----|---------------------------------|
| *WH7T (WH7W)  | 4,312   | 88   | 49  | KH6 |                                 | W6DSG           | 224     | 16   | 14  | NV |                                 |
| NN6U (@K6MTU) | 4,200   | 75   | 56  | CA  | NCCC Team #3                    | W7PEB           | 182     | 14   | 13  | OR |                                 |
| KH6KW         | 4,158   | 77   | 54  | KH6 |                                 | K1AUS           | 180     | 18   | 10  | MT |                                 |
| KJ6TTR        | 3,185   | 65   | 49  | CA  |                                 | KD6HOF/M        | 156     | 13   | 12  | AZ |                                 |
| WA6URY        | 2,684   | 61   | 44  | CA  |                                 | WOWL            | 117     | 13   | 9   | WA |                                 |
| N16P          | 2,583   | 63   | 41  | CA  |                                 | KJ7PAG          | 72      | 9    | 8   | WA |                                 |
| KB6DKK        | 2,332   | 53   | 44  | CA  |                                 | *NN7SS (K6UFO)  | 30      | 6    | 5   | WA |                                 |
| K6BBQ         | 2,268   | 63   | 36  | CA  |                                 | KK7A            | 25      | 5    | 5   | ID |                                 |
| KN6DRN        | 2,014   | 53   | 38  | CA  |                                 | KU7O            | 12      | 3    | 4   | MT |                                 |
| KW6SA         | 1,763   | 43   | 41  | CA  |                                 |                 |         |      |     |    |                                 |
| K6QD          | 1,666   | 49   | 34  | CA  | I.V. League                     | KW8N            | 311,552 | 1217 | 256 | OH | MRRC/NCC Team                   |
| W6PKC         | 1,225   | 35   | 35  | CA  | NCCC Team #3                    | K8MQP (W8MJ)    | 67,067  | 469  | 143 | MI | MRRC/NCC Team                   |
| N6TTV         | 1,170   | 39   | 30  | CA  |                                 | N8II            | 60,702  | 453  | 134 | WV |                                 |
| AK6EQ (@K6TJ) | 1,160   | 40   | 29  | CA  |                                 | KE8LQR (@K8LPS) | 49,200  | 400  | 123 | OH |                                 |
| N6REK         | 1,140   | 38   | 30  | CA  |                                 | N8CJ            | 33,408  | 348  | 96  | OH |                                 |
| W6IA          | 1,023   | 33   | 31  | CA  |                                 | NABV            | 32,560  | 296  | 110 | MI |                                 |
| K6EI          | 928     | 32   | 29  | CA  |                                 | N8SBE           | 31,581  | 261  | 121 | MI |                                 |
| KJ6JUS        | 648     | 27   | 24  | CA  |                                 | KE8E            | 27,972  | 259  | 108 | OH | Eastern Ohio Contesters         |
| KN6TZK        | 551     | 29   | 19  | CA  |                                 | W8LYO           | 24,150  | 210  | 115 | OH |                                 |
| KM6HB         | 456     | 24   | 19  | CA  |                                 | K8ROX           | 23,001  | 187  | 123 | OH | Flying Iguanas                  |
| W6UA          | 360     | 20   | 18  | CA  |                                 | NC8R            | 19,462  | 263  | 74  | MI |                                 |
| W6TSB         | 342     | 19   | 18  | CA  |                                 | K8GIB           | 16,744  | 182  | 92  | OH |                                 |
| WB6KDH        | 238     | 17   | 14  | CA  |                                 | NF8M            | 15,066  | 162  | 93  | MI | MRRC/NCC Team                   |
| KQ6BN         | 195     | 15   | 13  | CA  |                                 | K8RGI           | 13,855  | 163  | 85  | OH |                                 |
| KE6SHL        | 154     | 14   | 11  | CA  |                                 | K8EEN (W8PEN)   | 13,260  | 156  | 85  | OH |                                 |
| KF6NCX        | 100     | 10   | 10  | CA  | NCCC Team #3                    | W1PD            | 5,429   | 89   | 61  | OH |                                 |
| *N6ACA        | 30      | 6    | 5   | CA  |                                 | N8PPF           | 5,429   | 89   | 61  | OH |                                 |
| K6DWD         | 30      | 6    | 5   | CA  |                                 | W8AIT           | 5,047   | 103  | 49  | MI |                                 |
| AK6DL         | 0       | -1   | 0   | CA  |                                 | KE8PUN          | 4,240   | 80   | 53  | MI |                                 |
|               |         |      |     |     |                                 | WA8KAN          | 3,174   | 69   | 46  | WV |                                 |
| W7RN (N6KT)   | 530,160 | 1880 | 282 | NV  | NCCC Team #1 Born To Run        | W5KBW           | 3,036   | 66   | 46  | OH |                                 |
| N9RV          | 506,538 | 1926 | 263 | MT  | Big Sky Contesters              | W8NFM           | 2,268   | 54   | 42  | OH |                                 |
| ND7K (K16RRN) | 450,900 | 1670 | 270 | AZ  | AOCC OUTLAWS                    | N8HKU           | 2,242   | 59   | 38  | MI |                                 |
| K0SN          | 281,385 | 1443 | 195 | MT  | Big Sky Contesters              | WE8L            | 1,715   | 49   | 35  | OH |                                 |
| N7RQ          | 227,688 | 1074 | 212 | AZ  | AOCC OUTLAWS                    | K8BZ            | 1,564   | 46   | 34  | MI |                                 |
| KL7SB         | 199,395 | 1055 | 189 | KL7 | I-guana Rock and Roll All Night | KW8KW           | 1,404   | 39   | 36  | OH |                                 |
|               |         |      |     |     |                                 | N8WCP           | 1,184   | 37   | 32  | OH |                                 |
| K7NT          | 105,014 | 577  | 182 | WA  |                                 | W8MET           | 984     | 41   | 24  | OH |                                 |
| W7ZZ          | 102,680 | 680  | 151 | WA  |                                 | KE8ZCB          | 980     | 35   | 28  | MI |                                 |
| NK7L          | 54,252  | 411  | 132 | WA  |                                 | W7BAZ           | 725     | 29   | 25  | MI |                                 |
| K17IOC        | 52,008  | 394  | 132 | OR  |                                 | AA8OY           | 690     | 30   | 23  | OH |                                 |
| WY7KY         | 51,544  | 379  | 136 | WY  |                                 | W1CHL           | 672     | 28   | 24  | OH |                                 |
| W1DGL         | 49,010  | 338  | 145 | AZ  |                                 | W4ZIP           | 650     | 25   | 26  | OH |                                 |
| K7LR          | 31,283  | 287  | 109 | WA  |                                 | N8ERL           | 550     | 25   | 22  | MI |                                 |
| KD7MT         | 25,245  | 255  | 99  | MT  |                                 | KE8NSI          | 330     | 22   | 15  | OH |                                 |
| N7LR          | 24,156  | 198  | 122 | AZ  | AOCC BANDITOS                   | K8SCR           | 324     | 18   | 18  | OH |                                 |
| WN7Y          | 17,836  | 196  | 91  | MT  | Big Sky Contesters              | KD8JQE          | 224     | 16   | 14  | OH |                                 |
| *KE6K         | 13,872  | 136  | 102 | AZ  | AOCC BANDITOS                   | KB8DP           | 195     | 13   | 15  | OH |                                 |
| K6LR          | 12,420  | 138  | 90  | NV  |                                 | W8LOW           | 180     | 15   | 12  | OH |                                 |
| N7ESU         | 12,245  | 155  | 79  | ID  |                                 | N5MKY           | 176     | 22   | 8   | MI |                                 |
| KC1BB         | 11,400  | 120  | 95  | AZ  | AOCC BANDITOS                   | KF8MZ           | 135     | 15   | 9   | OH |                                 |
| W7STV         | 10,922  | 127  | 86  | WA  |                                 | KD8KWH          | 132     | 11   | 12  | OH |                                 |
| K0IP          | 10,692  | 162  | 66  | ID  |                                 | KD8OSM          | 100     | 10   | 10  | MI |                                 |
| NS7U          | 9,196   | 121  | 76  | WA  |                                 | WA8YZB          | 84      | 12   | 7   | MI |                                 |
| WU7W          | 8,880   | 111  | 80  | NV  | NCCC Team #3                    | N5WCS           | 72      | 9    | 8   | MI |                                 |
| KJ9C          | 7,904   | 104  | 76  | MT  |                                 | KE8TTQ          | 30      | 6    | 5   | OH |                                 |
| K6WDE         | 6,762   | 98   | 69  | UT  |                                 | KE8HTV          | 4       | 2    | 2   | OH |                                 |
| K7JQ          | 6,402   | 97   | 66  | AZ  |                                 | K8JKU           | 1       | 1    | 1   | MI |                                 |
| KF7GMV        | 6,298   | 94   | 67  | ID  |                                 | KE8PYE          | 0       | -2   | 0   | OH |                                 |
| K7FWP         | 6,222   | 102  | 61  | AZ  |                                 |                 |         |      |     |    |                                 |
| KE7AUB        | 6,208   | 97   | 64  | OR  |                                 | W9RE            | 317,730 | 1190 | 267 | IN | SMC Beach Party                 |
| KG6AY         | 5,772   | 78   | 74  | AZ  |                                 | KM9DX           | 111,420 | 619  | 180 | IL |                                 |
| WA8ZNC        | 4,950   | 99   | 50  | WA  | Eastern Ohio Contesters         | WD9CIR          | 109,855 | 635  | 173 | IL |                                 |
| K7FC          | 4,770   | 90   | 53  | OR  |                                 | W9QL            | 82,002  | 519  | 158 | IL | SMC Heat Wave                   |
| WI7J          | 4,740   | 79   | 60  | UT  | Dixie Renegades                 | AC4HI           | 77,877  | 509  | 153 | IN |                                 |
| W6AGZ         | 4,720   | 80   | 59  | OR  |                                 | W9EWZ           | 72,787  | 509  | 143 | WI |                                 |
| K1CAD/7       | 4,617   | 81   | 57  | AZ  |                                 | KD9GY           | 61,903  | 601  | 103 | IL |                                 |
| K7ROG         | 3,975   | 75   | 53  | AZ  |                                 | W9ILY           | 42,294  | 318  | 133 | IL | Metro Frostbite                 |
| W7VC          | 3,854   | 82   | 47  | OR  |                                 | N9UPU           | 39,564  | 314  | 126 | WI |                                 |
| AC7YC         | 3,750   | 75   | 50  | UT  |                                 | AG9A            | 27,178  | 214  | 127 | IL |                                 |
| WA0PFC        | 3,450   | 75   | 46  | UT  |                                 | K9LV            | 25,704  | 216  | 119 | IN |                                 |
| KK7CO (W7ON)  | 3,312   | 69   | 48  | AZ  |                                 | KD9MS           | 24,975  | 225  | 111 | IL | SMC Sun Burn                    |
| *K7RAT (N6TR) | 3,195   | 71   | 45  | OR  |                                 | WB9HFK          | 23,430  | 213  | 110 | IL |                                 |
| N7BBQ         | 3,168   | 72   | 44  | AZ  |                                 | N9EP            | 22,523  | 223  | 101 | IL |                                 |
| A17OZ         | 3,082   | 67   | 46  | WA  |                                 | K9BGL           | 22,185  | 261  | 85  | IL |                                 |
| AL7LO         | 3,010   | 70   | 43  | KL7 |                                 | W9YZR           | 20,904  | 201  | 104 | WI |                                 |
| KJ7BPN        | 2,408   | 56   | 43  | WA  |                                 | AJ9C            | 20,328  | 242  | 84  | IN | I-guana Rock and Roll All Night |
| W7ZDX         | 2,080   | 52   | 40  | WA  |                                 |                 |         |      |     |    |                                 |
| W7BGG         | 2,052   | 57   | 36  | AZ  |                                 | W9VTD           | 19,305  | 195  | 99  | IL |                                 |
| N7XLD         | 1,462   | 43   | 34  | WA  |                                 | KC9GPY          | 19,170  | 213  | 90  | IL |                                 |
| K7JSG         | 1,080   | 40   | 27  | UT  |                                 | N9XX            | 16,605  | 205  | 81  | WI | SMC Heat Wave                   |
| WA6TPO        | 936     | 36   | 26  | AZ  |                                 | N9MSG           | 16,119  | 199  | 81  | IL |                                 |
| W7RTM         | 770     | 35   | 22  | OR  |                                 | KG9N            | 15,522  | 199  | 78  | IL |                                 |
| N7HYV         | 700     | 28   | 25  | NV  |                                 | K9IU (KC9ZMA)   | 15,276  | 201  | 76  | IN |                                 |
| K7VLL         | 644     | 28   | 23  | AZ  |                                 | W9USO           | 11,096  | 146  | 76  | WI |                                 |
| K7FEN         | 494     | 26   | 19  | NV  |                                 | K9GA            | 11,004  | 131  | 84  | IL | Metro Frostbite                 |
| KC2PCY        | 352     | 22   | 16  | MT  |                                 | KJ9B            | 10,428  | 132  | 79  | IN |                                 |
| W7TX          | 255     | 17   | 15  | ID  |                                 | N9ESR           | 10,296  | 143  | 72  | IL |                                 |
| KK7BFY        | 255     | 17   | 15  | WA  |                                 | K8VGL           | 9,768   | 132  | 74  | IN |                                 |

|              |         |      |     |    |                                |               |         |      |     |     |
|--------------|---------|------|-----|----|--------------------------------|---------------|---------|------|-----|-----|
| WO9G         | 9,100   | 130  | 70  | IN |                                | N7SE          | 4,264   | 82   | 52  | CO  |
| W8NWG        | 9,017   | 127  | 71  | IL |                                | AE0VC         | 4,250   | 85   | 50  | CO  |
| NV9X         | 8,211   | 119  | 69  | IL |                                | KM0F          | 4,160   | 80   | 52  | SD  |
| K9LOT        | 8,136   | 113  | 72  | IL | Metro Frostbite                | KC0VDY        | 4,004   | 77   | 52  | CO  |
| W9EMM        | 7,875   | 105  | 75  | IL |                                | KK0D          | 2,730   | 65   | 42  | CO  |
| WA9TMU       | 7,659   | 111  | 69  | IN |                                | AE0IB         | 2,726   | 58   | 47  | MO  |
| NE9A         | 7,630   | 109  | 70  | IL | Metro Windchill                | K0VH          | 2,660   | 70   | 38  | MN  |
| K9ELF        | 6,784   | 106  | 64  | IN |                                | AF0Z          | 2,318   | 61   | 38  | MN  |
| N9WK         | 6,372   | 108  | 59  | WI | Flying Iguanas                 | AB0CD         | 2,240   | 56   | 40  | CO  |
| N9WG         | 6,300   | 90   | 70  | IN |                                | KB0WMO        | 1,739   | 47   | 37  | MN  |
| AC9QM        | 5,720   | 88   | 65  | IN |                                | N0STP         | 1,728   | 48   | 36  | MN  |
| KB9OZI       | 5,368   | 88   | 61  | IN |                                | KE0KOT        | 1,692   | 47   | 36  | MN  |
| K9PG         | 5,264   | 94   | 56  | IL |                                | W0WLA         | 1,505   | 43   | 35  | CO  |
| W9HO         | 4,980   | 83   | 60  | IL |                                | KD0FAB        | 1,204   | 43   | 28  | CO  |
| K9ZO         | 4,770   | 90   | 53  | IL |                                | W1Z           | 988     | 38   | 26  | SD  |
| K9SE         | 4,374   | 81   | 54  | IN |                                | K0VAC         | 759     | 33   | 23  | KS  |
| KD9QVB       | 4,293   | 81   | 53  | IL |                                | K2HT          | 750     | 30   | 25  | MO  |
| KB9FPY       | 3,626   | 74   | 49  | IL |                                | KE0QEQ        | 480     | 32   | 15  | SD  |
| A19K         | 3,500   | 70   | 50  | IL |                                | WV0A (NR0P)   | 475     | 25   | 19  | KS  |
| WQ9F         | 3,010   | 70   | 43  | IL |                                | *N02D         | 400     | 20   | 20  | CO  |
| KB9REV       | 2,992   | 68   | 44  | IL |                                | K0ZTW         | 378     | 21   | 18  | MN  |
| WB4ZUT       | 2,542   | 62   | 41  | IN |                                | K6ACV         | 360     | 20   | 18  | MO  |
| *NF9Z        | 2,205   | 63   | 35  | IL |                                | KF0ONK        | 308     | 28   | 11  | MN  |
| KB9PRF       | 1,764   | 49   | 36  | WI |                                | K0DVT         | 256     | 16   | 16  | MN  |
| NA9VY        | 1,598   | 47   | 34  | IN |                                | WA5JM         | 182     | 14   | 13  | CO  |
| KC9YL        | 1,540   | 44   | 35  | WI |                                |               |         |      |     |     |
| WA9SLM       | 1,472   | 46   | 32  | IN |                                | VE7BC         | 155,144 | 902  | 172 | BC  |
| KD9QXL       | 1,092   | 39   | 28  | WI |                                | VO1OP         | 70,744  | 478  | 148 | NL  |
| KD9ZLC       | 988     | 38   | 26  | IL |                                | VY2LJ         | 45,630  | 390  | 117 | PE  |
| AA9WP        | 891     | 33   | 27  | WI |                                | VE9AA         | 41,664  | 448  | 93  | NB  |
| N9WCN        | 644     | 28   | 23  | IN |                                | VE3KMQ        | 21,828  | 204  | 107 | ON  |
| NS9DX        | 616     | 28   | 22  | IL |                                | VE3DZ         | 19,503  | 197  | 99  | ON  |
| *AF9J        | 609     | 29   | 21  | WI | SMC Sun Burn                   | VE2IAA        | 17,280  | 192  | 90  | QC  |
| KD9DBQ       | 550     | 25   | 22  | IL |                                | VA3KBI        | 15,652  | 172  | 91  | ON  |
| K9EMF        | 504     | 28   | 18  | IL |                                | VE9ML         | 10,043  | 121  | 83  | NB  |
| W9IZ         | 476     | 28   | 17  | IN | Flying Iguanas                 | VE2KLW        | 9,225   | 123  | 75  | QC  |
| W9TTY        | 450     | 25   | 18  | IL |                                | VE3IDT        | 8,840   | 130  | 68  | ON  |
| KC9GRD       | 418     | 22   | 19  | WI |                                | VA6AGR        | 8,496   | 118  | 72  | AB  |
| WA9VYT       | 266     | 19   | 14  | IL |                                | VA6RCN        | 8,320   | 160  | 52  | AB  |
| N9UX         | 182     | 14   | 13  | WI |                                | VA7XU         | 7,379   | 157  | 47  | BC  |
| K9KDE        | 56      | 8    | 7   | IL |                                | VA3DCB        | 6,322   | 109  | 58  | ON  |
|              |         |      |     |    |                                | VA3ZNQ        | 5,016   | 88   | 57  | ON  |
| NS0R         | 251,740 | 1228 | 205 | KS | KCCC-Travis                    | VE3TM         | 4,947   | 97   | 51  | ON  |
| K0UK         | 233,458 | 1033 | 226 | CO | GMCC Av's                      | VE9RLW        | 4,346   | 82   | 53  | NB  |
| W0AAE        | 170,316 | 996  | 171 | IA | Minnesota Wireless Frozen Five | VE6CA         | 3,441   | 111  | 31  | AB  |
|              |         |      |     |    |                                | VA3TSS        | 3,264   | 64   | 51  | ON  |
| WD0T         | 152,832 | 768  | 199 | SD |                                | VE1OR         | 2,790   | 93   | 30  | NS  |
| N0XT         | 132,678 | 702  | 189 | MN | Minnesota Wireless Frozen Five | VA7KBM        | 2,520   | 63   | 40  | BC  |
|              |         |      |     |    |                                | VE3QO         | 2,378   | 58   | 41  | ON  |
| A10Y         | 129,168 | 936  | 138 | ND |                                | VE5WD         | 2,295   | 51   | 45  | SK  |
| WJ0W (KH6XX) | 117,195 | 601  | 195 | ND |                                | VE3KP         | 2,262   | 58   | 39  | ON  |
| N7WY         | 111,408 | 633  | 176 | MO |                                | VY2DIY        | 2,040   | 60   | 34  | PE  |
| KA0PQW       | 106,124 | 617  | 172 | MN | Minnesota Wireless Frozen Five | VE3UZX        | 1,998   | 54   | 37  | ON  |
|              |         |      |     |    |                                | VA1XH         | 1,677   | 43   | 39  | NS  |
| W0IZ         | 94,103  | 677  | 139 | CO |                                | VE7RC         | 1,610   | 46   | 35  | BC  |
| WZ0W         | 56,175  | 535  | 105 | MO |                                | VE6CLG        | 1,360   | 40   | 34  | AB  |
| A10M         | 46,782  | 414  | 113 | MN |                                | VA2QR         | 1,189   | 41   | 29  | QC  |
| K0EA         | 38,060  | 346  | 110 | MN |                                | VA3WW         | 1,110   | 37   | 30  | ON  |
| KF0UR        | 34,539  | 397  | 87  | CO |                                | VE3BV         | 825     | 33   | 25  | ON  |
| NW0M         | 33,695  | 293  | 115 | MO | KCCC-Travis                    | VE6VN         | 638     | 29   | 22  | AB  |
| *KE0WPA      | 33,630  | 285  | 118 | MN | Minnesota Wireless Frozen Five | VE3ZDR        | 500     | 25   | 20  | ON  |
|              |         |      |     |    |                                | VE3HZR        | 352     | 22   | 16  | ON  |
| NJ8M         | 33,626  | 391  | 86  | KS | KCCC-Travis                    | VA3EEB        | 315     | 21   | 15  | ON  |
| N0UY         | 29,606  | 226  | 131 | MN |                                | VA3PNL        | 252     | 18   | 14  | ON  |
| N0VRM        | 20,992  | 256  | 82  | MN |                                | VE7BGP        | 176     | 16   | 11  | BC  |
| AJ0CM        | 19,656  | 182  | 108 | MN |                                | VE7BLW        | 165     | 15   | 11  | BC  |
| KF0HCN       | 19,008  | 198  | 96  | MO |                                | VE7CLX        | 110     | 11   | 10  | BC  |
| W0BH         | 16,686  | 162  | 103 | KS |                                | VE3AC         | 56      | 8    | 7   | ON  |
| KD0B         | 13,920  | 160  | 87  | MN |                                | VE2RRE        | 36      | 6    | 6   | QC  |
| N0KK         | 12,816  | 178  | 72  | MN |                                |               |         |      |     |     |
| N9ARX        | 12,555  | 155  | 81  | NE |                                | V31XX         | 451,437 | 1743 | 259 | V3  |
| W0YJT        | 11,455  | 145  | 79  | KS |                                | ZF2PG (K8PGJ) | 314,868 | 1381 | 228 | ZF  |
| W0UY         | 10,857  | 141  | 77  | KS |                                | T12CC         | 96,120  | 540  | 178 | TI  |
| WA1FMM       | 9,398   | 127  | 74  | CO |                                | HH2AA (K0BBC) | 30,888  | 286  | 108 | HH  |
| W0ZC         | 9,250   | 125  | 74  | KS |                                | CO8ZZ         | 1,525   | 61   | 25  | CM  |
| KC8NFN       | 8,576   | 128  | 67  | ND |                                | XE2S          | 720     | 30   | 24  | XE  |
| KA8HDE       | 8,260   | 118  | 70  | MN |                                | WP3GW         | 435     | 29   | 15  | KP4 |
| NT0D         | 8,024   | 136  | 59  | IA |                                |               |         |      |     |     |
| K0SV         | 7,810   | 110  | 71  | MN | Minnesota Wireless Frozen Five | PY2NY         | 5,992   | 107  | 56  | DX  |
|              |         |      |     |    |                                | EA3HSO        | 529     | 23   | 23  | DX  |
| N0JNM        | 7,344   | 108  | 68  | MN |                                | PY1TTN        | 204     | 17   | 12  | DX  |
| N9HDE        | 7,119   | 113  | 63  | IA |                                | JA6WFM        | 144     | 18   | 8   | DX  |
| KC0TEF       | 7,080   | 120  | 59  | IA |                                | *PY2PLL       | 30      | 6    | 5   | DX  |
| N0TFU        | 7,020   | 108  | 65  | KS |                                | *JQ1NGT       | 25      | 5    | 5   | DX  |
| W8LYJ        | 6,900   | 100  | 69  | CO |                                | JF2FIU        | 1       | 1    | 1   | DX  |
| KD0JLE       | 6,363   | 101  | 63  | KS |                                |               |         |      |     |     |
| AD0RR        | 6,016   | 94   | 64  | MO |                                |               |         |      |     |     |
| KB0ARZ       | 5,568   | 96   | 58  | NE |                                |               |         |      |     |     |
| K0IVA        | 4,816   | 86   | 56  | KS |                                |               |         |      |     |     |



| *QRP<br>Single Operator Assisted Scores |         |      |       |     |                         |             |         |     |     |    |
|---|---------|------|-------|-----|-------------------------|-------------|---------|-----|-----|----|
| Call                                    | Score   | QSOs | Mults | QTH | Team                    |             |         |     |     |    |
| K1JB                                    | 99,532  | 596  | 167   | ME  |                         | N3RM        | 3,380   | 65  | 52  | PA |
| W1TJL                                   | 49,228  | 397  | 124   | CT  |                         | W3TAS       | 3,243   | 69  | 47  | DE |
| KC1OT                                   | 38,304  | 266  | 144   | CT  |                         | KC3SDJ      | 2,432   | 64  | 38  | PA |
| KB1W                                    | 28,690  | 302  | 95    | MA  |                         | N3ZA        | 2,166   | 57  | 38  | PA |
| K1BZ                                    | 24,644  | 202  | 122   | ME  |                         | WS3D        | 1,908   | 53  | 36  | PA |
| NW2P (N6EE)                             | 13,585  | 209  | 65    | ME  |                         | W3MAM       | 1,740   | 58  | 30  | MD |
| K1IU                                    | 11,658  | 134  | 87    | RI  |                         | W3UL        | 1,581   | 51  | 31  | PA |
| K1SM                                    | 10,224  | 142  | 72    | MA  |                         | W3ZO        | 1,400   | 56  | 25  | PA |
| N1FTP                                   | 6,572   | 106  | 62    | MA  |                         | KF3AR       | 1,080   | 36  | 30  | PA |
| AB1XQ                                   | 4,895   | 89   | 55    | VT  |                         | N3TFX       | 525     | 25  | 21  | PA |
| K1MT                                    | 4,056   | 78   | 52    | MA  |                         | AG3I        | 380     | 20  | 19  | PA |
| KC1ONM                                  | 3,976   | 71   | 56    | MA  |                         | K3JSJ       | 315     | 21  | 15  | MD |
| KC1OXM                                  | 3,528   | 72   | 49    | NH  |                         | K3YMI       | 156     | 13  | 12  | MD |
| KA2KON                                  | 2,146   | 58   | 37    | NH  |                         | WA3FRP      | 4       | 2   | 2   | PA |
| KB1GKN                                  | 2,016   | 56   | 36    | NH  |                         |             |         |     |     |    |
| KC1QKU                                  | 1,530   | 51   | 30    | MA  |                         | N4ZZ        | 237,061 | 937 | 253 | TN |
| W1JGM                                   | 234     | 18   | 13    | CT  |                         | K3DNE       | 225,212 | 923 | 244 | SC |
| K1LHO                                   | 81      | 9    | 9     | CT  |                         | N4XL        | 212,415 | 833 | 255 | SC |
| N1IBM                                   | 0       | 0    | 2     | VT  |                         | NJ4P (K9TI) | 195,980 | 820 | 239 | TN |
|   |         |      |       |     |                         | K2SG        | 191,800 | 959 | 200 | FL |
| W2JV                                    | 120,801 | 601  | 201   | NY  | Boiled Owls             | KJ4YLR      | 177,546 | 762 | 233 | KY |
| NN2NN                                   | 97,539  | 533  | 183   | NY  |                         | W4LT        | 133,084 | 686 | 194 | FL |
| WA2CP (KC2GOW)                          | 94,923  | 477  | 199   | NY  | FRC Team 90             | NE8P        | 130,146 | 597 | 218 | FL |
| K2RET                                   | 94,824  | 439  | 216   | NJ  | FRC Team 270            | ND4Y        | 117,105 | 555 | 211 | KY |
| N2RC                                    | 93,200  | 466  | 200   | NY  | FRC Team 360            | N1RM        | 108,519 | 593 | 183 | VA |
| K2NV                                    | 68,112  | 396  | 172   | NY  |                         | K4RO        | 102,934 | 481 | 214 | TN |
| WA2DNI                                  | 66,805  | 431  | 155   | NY  | FRC Team 270            | WF7T        | 101,907 | 603 | 169 | TN |
| AA2MU                                   | 58,240  | 448  | 130   | NY  |                         | WN4AFP      | 88,263  | 467 | 189 | SC |
| K3TS                                    | 47,125  | 325  | 145   | NJ  | FRC Team 270            | N1LN        | 74,760  | 534 | 140 | NC |
| W2VQ                                    | 41,020  | 293  | 140   | NJ  |                         | AC6ZM       | 68,628  | 399 | 172 | TN |
| N2MC                                    | 38,073  | 259  | 147   | NY  |                         | N4CF        | 67,860  | 377 | 180 | VA |
| K2AL                                    | 20,088  | 186  | 108   | NJ  | NPARC Suppressors       | K4NMR       | 66,781  | 467 | 143 | FL |
| AB2E                                    | 19,536  | 148  | 132   | NJ  | FRC Team 90             | KG4IGC      | 66,519  | 389 | 171 | SC |
| WB2WPM                                  | 19,458  | 207  | 94    | NY  |                         | KE0L        | 60,894  | 306 | 199 | TN |
| N2HMM                                   | 18,868  | 178  | 106   | NJ  | FRC Team 270            | AA4NU       | 59,508  | 342 | 174 | TN |
| *K4OV                                   | 17,820  | 198  | 90    | NY  |                         | N6DW        | 52,290  | 315 | 166 | VA |
| KE2X                                    | 14,196  | 156  | 91    | NY  |                         | K4QQG       | 48,191  | 337 | 143 | SC |
| W2TB                                    | 9,432   | 131  | 72    | NY  |                         | W4TG        | 44,820  | 332 | 135 | VA |
| NN2D                                    | 8,692   | 106  | 82    | NJ  |                         | A14DB       | 43,659  | 297 | 147 | TN |
| W2NO                                    | 8,000   | 100  | 80    | NJ  |                         | KT3T        | 42,780  | 276 | 155 | FL |
| WR2G                                    | 7,521   | 109  | 69    | NJ  |                         | KZ3P        | 40,590  | 330 | 123 | SC |
| WB9G                                    | 4,131   | 81   | 51    | NY  |                         | W4EE        | 40,500  | 270 | 150 | FL |
| W2LCQ                                   | 3,822   | 98   | 39    | NY  |                         | KC4WQ       | 40,338  | 249 | 162 | KY |
| WB2PJH                                  | 3,008   | 64   | 47    | NJ  |                         | KE2ET       | 38,592  | 288 | 134 | NC |
| KC2WUF                                  | 2,440   | 61   | 40    | NJ  | NPARC Suppressors       | NA4DA       | 35,526  | 191 | 186 | FL |
| W02Y                                    | 1,715   | 49   | 35    | NJ  |                         | KM4HI       | 35,482  | 226 | 157 | FL |
| KC2OSR                                  | 1,144   | 44   | 26    | NJ  |                         | KM4CH       | 31,548  | 239 | 132 | KY |
| WB2AIV                                  | 936     | 39   | 24    | NY  |                         | AJ4HP       | 31,472  | 281 | 112 | FL |
| NJ1F                                    | 273     | 21   | 13    | NY  |                         | N2FT        | 30,378  | 249 | 122 | VA |
|   |         |      |       |     |                         | WJ1T        | 29,402  | 241 | 122 | VA |
| K3MM                                    | 327,810 | 1115 | 294   | MD  |                         | W4UT        | 26,496  | 207 | 128 | TN |
| WX3B                                    | 294,560 | 1120 | 263   | MD  |                         | NR4M        | 25,452  | 252 | 101 | VA |
| N3QE                                    | 195,942 | 867  | 226   | MD  |                         | KN4TCF      | 24,476  | 211 | 116 | GA |
| NF3R                                    | 189,864 | 879  | 216   | PA  | FRC Team 90             | W1IE        | 22,878  | 186 | 123 | VA |
| AA3R                                    | 136,059 | 651  | 209   | DE  | FRC Team 90             | N4MCC       | 20,604  | 204 | 101 | TN |
| W3KB                                    | 131,408 | 688  | 191   | PA  |                         | W8KRZ       | 19,992  | 294 | 68  | VA |
| W3LL                                    | 120,124 | 509  | 236   | MD  |                         | NK4O        | 19,380  | 170 | 114 | FL |
| W3FIZ                                   | 119,004 | 564  | 211   | PA  | FRC Team 180            | KN8F        | 19,200  | 192 | 100 | SC |
| N3AM                                    | 78,012  | 394  | 198   | MD  | PVRC K4 SSB Sluggers    | N3KN        | 18,706  | 199 | 94  | VA |
| WY3A                                    | 74,844  | 378  | 198   | PA  |                         | K4VTE       | 17,680  | 170 | 104 | GA |
| AA3S                                    | 67,232  | 352  | 191   | MD  |                         | K4FT        | 16,317  | 147 | 111 | SC |
| K3AJ                                    | 67,137  | 417  | 161   | MD  |                         | W4RM        | 16,023  | 147 | 109 | NC |
| KB3Z                                    | 64,548  | 396  | 163   | PA  |                         | AD4GG       | 15,753  | 177 | 89  | TN |
| NV3K                                    | 52,195  | 365  | 143   | PA  |                         | K4FN        | 15,664  | 178 | 88  | KY |
| WA3AAN                                  | 41,382  | 363  | 114   | PA  | FRC Team 90             | W1RPG       | 14,664  | 156 | 94  | SC |
| KC3NNO                                  | 40,230  | 270  | 149   | PA  |                         | WN3DX       | 14,355  | 145 | 99  | FL |
| KI7WX                                   | 32,092  | 284  | 113   | PA  | FRC Team 180            | KC1RVY      | 14,352  | 184 | 78  | TN |
| KD3TB                                   | 31,097  | 257  | 121   | PA  |                         | N4IW        | 11,592  | 138 | 84  | VA |
| K3TN                                    | 30,723  | 231  | 133   | MD  | PVRC K4 SSB Sluggers    | KE4S        | 11,537  | 139 | 83  | VA |
| WA3AER                                  | 29,036  | 244  | 119   | MD  |                         | KC2DPF      | 10,452  | 134 | 78  | VA |
| K9RS                                    | 25,872  | 196  | 132   | DE  | FRC Team 360            | K4BTN       | 10,395  | 135 | 77  | TN |
| K3ZA                                    | 23,562  | 238  | 99    | PA  |                         | KO4BWN      | 10,368  | 108 | 96  | GA |
| N3DUE                                   | 19,470  | 177  | 110   | MD  |                         | AJ4LN       | 9,344   | 128 | 73  | VA |
| KC3VBZ                                  | 19,136  | 184  | 104   | MD  |                         | KA3FZO      | 9,322   | 118 | 79  | FL |
| W3ETO                                   | 19,000  | 200  | 95    | PA  |                         | N1WR        | 7,848   | 109 | 72  | VA |
| NN3RP                                   | 16,995  | 165  | 103   | DC  | Yes, DC is a Multiplier | KA4JAM      | 7,807   | 211 | 37  | NC |
| W13W                                    | 16,289  | 179  | 91    | PA  |                         | K6ES        | 5,525   | 85  | 65  | NC |
| W3WHK                                   | 11,760  | 140  | 84    | PA  | FRC Team 180            | WA4IPU      | 5,504   | 86  | 64  | FL |
| W3MR                                    | 9,250   | 125  | 74    | MD  |                         | K4FTO       | 5,104   | 88  | 58  | VA |
| AA3B                                    | 8,509   | 127  | 67    | PA  | FRC Team 180            | N4UU        | 5,022   | 93  | 54  | FL |
| NW3Y                                    | 7,656   | 116  | 66    | DE  | FRC Team 360            | NU3Y        | 4,508   | 92  | 49  | TN |
| W3MLK                                   | 6,885   | 85   | 81    | DE  |                         | N4JN        | 4,368   | 84  | 52  | AL |
| KG5TA                                   | 6,864   | 88   | 78    | PA  |                         | WB4HRL      | 3,871   | 79  | 49  | SC |
| KA3D                                    | 4,070   | 74   | 55    | PA  |                         | N2QT        | 3,692   | 71  | 52  | VA |
| AC3U (W3UL)                             | 3,536   | 68   | 52    | MD  |                         | KD4LEM      | 3,290   | 70  | 47  | VA |
|   |         |      |       |     |                         | NS4X        | 3,149   | 67  | 47  | TN |
|   |         |      |       |     |                         | K4DZR       | 3,082   | 67  | 46  | TN |
|   |         |      |       |     |                         | NU4N        | 2,967   | 69  | 43  | KY |
|   |         |      |       |     |                         | W8UF        | 2,592   | 54  | 48  | FL |



|                |         |      |     |    |                             |             |         |      |     |    |                 |
|----------------|---------|------|-----|----|-----------------------------|-------------|---------|------|-----|----|-----------------|
| N2TTA          | 2,552   | 58   | 44  | FL |                             | KE8RJU      | 107,824 | 586  | 184 | MI |                 |
| K9QJS          | 2,294   | 62   | 37  | TN |                             | K8BB        | 87,724  | 482  | 182 | MI | MRRR/NCC Team   |
| W4VIC          | 2,112   | 48   | 44  | VA |                             | N4RA        | 83,276  | 436  | 191 | WV |                 |
| K4LW           | 2,040   | 51   | 40  | FL |                             | AD8FD       | 35,880  | 260  | 138 | OH |                 |
| NC4SW          | 1,944   | 54   | 36  | NC |                             | W3CB        | 26,795  | 233  | 115 | MI |                 |
| K5VIP          | 1,925   | 55   | 35  | VA |                             | N8PB        | 16,198  | 178  | 91  | OH |                 |
| KJ4ND          | 1,700   | 50   | 34  | KY |                             | N8RGA       | 15,318  | 138  | 111 | MI |                 |
| KO4CMK         | 1,656   | 46   | 36  | VA |                             | W8PI        | 12,348  | 147  | 84  | MI |                 |
| K4DXV          | 1,558   | 41   | 38  | TN | TCG Valley Dwellers         | K8BL        | 9,916   | 134  | 74  | OH |                 |
| W4TWK          | 1,536   | 48   | 32  | GA |                             | K9NW        | 8,330   | 119  | 70  | OH | Flying Iguanas  |
| N7GFB          | 1,521   | 39   | 39  | NC |                             | W03X        | 8,250   | 110  | 75  | OH |                 |
| KJ4KKB         | 1,472   | 46   | 32  | GA |                             | W8TGB       | 2,898   | 63   | 46  | MI |                 |
| K5VG           | 1,326   | 39   | 34  | VA |                             | KE8WYY      | 1,920   | 48   | 40  | MI |                 |
| N2OG           | 1,271   | 41   | 31  | SC | SFCG Crazy Ivan             | W8RID       | 1,230   | 41   | 30  | OH |                 |
| K4LDC          | 780     | 30   | 26  | GA |                             | *K8ZT       | 1,023   | 33   | 31  | OH |                 |
| K2ZR/4         | 744     | 31   | 24  | FL |                             | AK2U        | 792     | 33   | 24  | WV |                 |
| KR4Q           | 651     | 31   | 21  | FL |                             |             |         |      |     |    |                 |
| K4AFE          | 646     | 34   | 19  | TN | Deep Dixie CC Team Magnolia | K9CT        | 256,665 | 1065 | 241 | IL | SMC Beach Party |
| KW4SW          | 620     | 31   | 20  | AL |                             | KG9X        | 240,084 | 972  | 247 | IL | SMC Sun Screen  |
| KT4LS          | 420     | 21   | 20  | GA |                             | WT9U        | 201,802 | 943  | 214 | IN | SMC Beach Party |
| NY4I           | 360     | 20   | 18  | FL |                             | K9PW        | 137,825 | 745  | 185 | IL | SMC Beach Party |
| N3GTG          | 323     | 19   | 17  | VA |                             | N2BJ        | 117,952 | 776  | 152 | IL | Metro Windchill |
| K4HXM          | 288     | 18   | 16  | VA |                             | KB0V        | 104,528 | 556  | 188 | IL | SMC Beach Party |
| KQ4JYG         | 99      | 9    | 11  | FL |                             | AC9TO       | 100,464 | 546  | 184 | WI |                 |
| *W4VG          | 90      | 10   | 9   | VA |                             | KC9K        | 70,752  | 402  | 176 | IL |                 |
| AD4YQ          | 25      | 5    | 5   | FL |                             | WB8BZK      | 61,242  | 346  | 177 | IL | SMC Heat Wave   |
|                |         |      |     |    |                             | *N9LQ       | 56,940  | 365  | 156 | IL | SMC Sun Screen  |
| K5TS           | 171,045 | 905  | 189 | LA | Deep Dixie CC Team Magnolia | KY0Q        | 40,920  | 310  | 132 | IL |                 |
| WD0GTY         | 26,051  | 239  | 109 | OK |                             | K9WX        | 38,318  | 322  | 119 | IN |                 |
| AC5O           | 25,992  | 228  | 114 | LA |                             | W9AV        | 33,360  | 278  | 120 | WI |                 |
| N5PV           | 23,000  | 200  | 115 | TX |                             | W9MR        | 32,016  | 348  | 92  | IL | SMC Heat Wave   |
| KF5RUO         | 20,930  | 182  | 115 | AR |                             | W9YK        | 31,527  | 279  | 113 | IL |                 |
| K5CM           | 14,550  | 150  | 97  | OK |                             | WT2P        | 23,147  | 293  | 79  | IL | Metro Frostbite |
| WA5LXS         | 4,050   | 75   | 54  | TX |                             | K9WO        | 22,050  | 225  | 98  | WI |                 |
| K5GN           | 3,233   | 61   | 53  | TX |                             | KK9V        | 18,334  | 206  | 89  | IN |                 |
| W5PTX          | 2,976   | 62   | 48  | TX |                             | K9RU        | 17,820  | 198  | 90  | IN |                 |
| KC5TT          | 1,302   | 42   | 31  | TX |                             | W9PDS       | 17,622  | 198  | 89  | IL | Metro Windchill |
| AB8YZ          | 529     | 23   | 23  | TX |                             | WE9R        | 17,574  | 202  | 87  | WI |                 |
| N5YS           | 288     | 18   | 16  | LA |                             | K9YY        | 17,098  | 206  | 83  | IL |                 |
|                |         |      |     |    |                             | W9XT        | 14,129  | 199  | 71  | WI | SMC Sun Burn    |
| WD6T (@N6RO)   | 382,760 | 1367 | 280 | CA | NCCC Team #1 Born To Run    | AB9YC       | 11,715  | 213  | 55  | IL | SMC Heat Wave   |
| N6IE           | 285,881 | 1087 | 263 | CA | NCCC Team #1 Born To Run    | W9WB        | 9,393   | 101  | 93  | IL |                 |
| W6LD           | 235,480 | 1015 | 232 | CA |                             | WA9LEY      | 8,468   | 116  | 73  | IL | Metro Frostbite |
| W6TK           | 62,622  | 441  | 142 | CA | SCCC                        | WB9TFF      | 8,424   | 162  | 52  | WI |                 |
| N6DA           | 51,728  | 488  | 106 | CA |                             | K9EI        | 6,420   | 107  | 60  | IN |                 |
| *WQ6X          | 30,870  | 245  | 126 | CA | SCCC                        | N9TCA       | 1,485   | 45   | 33  | IL |                 |
| K6TQ           | 21,300  | 213  | 100 | CA |                             | KA9I        | 1,421   | 49   | 29  | IL |                 |
| KA5WSS         | 8,541   | 117  | 73  | CA |                             | AC9OT       | 144     | 16   | 9   | WI |                 |
| W6MX           | 8,253   | 131  | 63  | CA |                             |             |         |      |     |    |                 |
| KO6M           | 7,140   | 105  | 68  | CA |                             | K0EU        | 383,568 | 1464 | 262 | CO | GMCC Av's       |
| W1RH           | 6,400   | 100  | 64  | CA |                             | N0GJW       | 226,464 | 1011 | 224 | IA |                 |
| W6KC           | 2,632   | 56   | 47  | CA |                             | W0PSY       | 149,940 | 735  | 204 | CO | GMCC Nuggets    |
| KO6BYO         | 2,585   | 55   | 47  | CA |                             | KV0I        | 136,576 | 776  | 176 | NE |                 |
| K6DW           | 2,279   | 53   | 43  | CA |                             | AD1C        | 131,130 | 705  | 186 | CO | GMCC Av's       |
| W6QX           | 1,610   | 46   | 35  | CA |                             | AA0FO       | 122,337 | 621  | 197 | KS | KCCC-Taylor     |
| KI6LQE         | 1,026   | 38   | 27  | CA |                             | AI6O        | 102,432 | 528  | 194 | MO | KCCC-Travis     |
| K6ELE          | 728     | 28   | 26  | CA |                             | K0TRL       | 98,420  | 518  | 190 | KS | KCCC-Taylor     |
| W6JFA          | 352     | 22   | 16  | CA |                             | K0VBU       | 58,254  | 438  | 133 | KS | KCCC-Taylor     |
| KC6EOA         | 221     | 17   | 13  | CA |                             | N0TA        | 44,973  | 263  | 171 | CO | GMCC Nuggets    |
| AE6PL          | 110     | 11   | 10  | CA |                             | NG0C        | 42,435  | 369  | 115 | MN |                 |
|                |         |      |     |    |                             | KE0ITC      | 38,850  | 259  | 150 | IA |                 |
| K7RL           | 492,000 | 1640 | 300 | WA | Deep Dixie CC Team Elvis    | ND0TS       | 33,782  | 266  | 127 | ND |                 |
| K6LL           | 282,366 | 1162 | 243 | AZ | AOCC OUTLAWS                | W0ADL       | 30,840  | 257  | 120 | MN |                 |
| KY7M (@NA7TB)  | 179,366 | 682  | 263 | AZ | AOCC OUTLAWS                | N5KB        | 26,900  | 269  | 100 | IA |                 |
| KH7X (KH6ND)   | 164,822 | 854  | 193 | AZ | AOCC BANDITOS               | AE0DX       | 26,418  | 222  | 119 | IA |                 |
| N7MZW          | 133,433 | 799  | 167 | WY | GMCC Av's                   | WB0ULX      | 24,400  | 200  | 122 | SD |                 |
| W7ZRC          | 120,484 | 662  | 182 | ID |                             | K0MPH       | 23,219  | 217  | 107 | MN |                 |
| KA6BIM         | 111,141 | 477  | 233 | OR | NCCC Team #2                | K0FUZ       | 19,030  | 173  | 110 | KS | KCCC-Taylor     |
| K7QA           | 80,910  | 435  | 186 | MT | Big Sky Contesters          | KE0UNV      | 17,900  | 179  | 100 | MO |                 |
| W7GES          | 68,460  | 489  | 140 | AZ |                             | N0RC        | 17,424  | 176  | 99  | KS |                 |
| W7YTF          | 59,748  | 383  | 156 | ID |                             | K3PA        | 13,904  | 158  | 88  | KS | KCCC-Patrick    |
| W4IDX          | 38,916  | 282  | 138 | AZ | AOCC BANDITOS               | K0AP        | 13,320  | 148  | 90  | KS | KCCC-Taylor     |
| K7WXB          | 29,388  | 237  | 124 | UT |                             | K0GD        | 12,180  | 145  | 84  | CO |                 |
| *WC7S          | 15,921  | 183  | 87  | WY | GMCC Nuggets                | W0AK (N0XR) | 11,842  | 191  | 62  | IA |                 |
| KT0P           | 15,900  | 159  | 100 | MT | Big Sky Contesters          | K0UJC       | 11,375  | 125  | 91  | IA |                 |
| W7SS           | 7,575   | 101  | 75  | AZ |                             | W0IL        | 11,060  | 140  | 79  | SD |                 |
| W7CXX (WA7LNW) | 7,245   | 105  | 69  | UT |                             | K0RJW       | 9,453   | 137  | 69  | MN |                 |
| NG2G           | 6,080   | 95   | 64  | WA |                             | AA0Z        | 7,599   | 149  | 51  | MO |                 |
| *K7DLX         | 4,620   | 77   | 60  | UT | Dixie Renegades             | W0MB        | 5,192   | 118  | 44  | MO |                 |
| A17SK          | 4,320   | 80   | 54  | WA |                             | KB0GT       | 3,700   | 74   | 50  | MN |                 |
| WB6JJ          | 3,726   | 69   | 54  | OR |                             | K0TC        | 2,555   | 73   | 35  | MN |                 |
| KI7Y           | 3,240   | 72   | 45  | OR |                             | NF0T        | 1,800   | 50   | 36  | IA |                 |
| K7FAZ          | 2,835   | 63   | 45  | AZ |                             | NN0JS       | 1,386   | 42   | 33  | MO |                 |
| KB7JWM         | 2,537   | 59   | 43  | OR |                             | KF0ADU      | 999     | 37   | 27  | MN |                 |
| N0VLR          | 1,925   | 55   | 35  | OR |                             | K0LAF       | 817     | 43   | 19  | MO |                 |
| KI7KY          | 1,008   | 36   | 28  | UT |                             | KF0MLJ      | 132     | 12   | 11  | MN |                 |
| KT7G           | 100     | 10   | 10  | WA |                             |             |         |      |     |    |                 |
| N8BV           | 132,300 | 735  | 180 | OH |                             | VE3PJ       | 235,158 | 1018 | 231 | ON | CCO#1           |
|                |         |      |     |    |                             | VA3LR       | 155,490 | 730  | 213 | ON |                 |

|        |         |     |     |    |                           |               |         |      |     |     |           |
|--------|---------|-----|-----|----|---------------------------|---------------|---------|------|-----|-----|-----------|
| VE3YT  | 115,668 | 612 | 189 | ON |                           | VA3GMO        | 6,324   | 93   | 68  | ON  |           |
| VE9XX  | 105,732 | 594 | 178 | NB | Artificial Snowtelligence | VE4DL         | 5,187   | 91   | 57  | MB  |           |
| VE7ZO  | 67,893  | 427 | 159 | BC |                           | VA3TMV        | 3,850   | 77   | 50  | ON  |           |
| VA3IDD | 62,080  | 388 | 160 | ON |                           | VA1MM         | 3,570   | 70   | 51  | NS  |           |
| VE3TW  | 58,450  | 350 | 167 | ON |                           | *VA3OGG       | 2,160   | 54   | 40  | ON  |           |
| VA7TU  | 54,405  | 351 | 155 | BC |                           | VE2HEW        | 1,408   | 44   | 32  | QC  |           |
| VE3VY  | 54,054  | 378 | 143 | ON |                           | VE9WH         | 770     | 35   | 22  | NB  |           |
| VE3RGO | 52,664  | 454 | 116 | ON |                           | VA3PMH        | 504     | 28   | 18  | ON  |           |
| VE5KS  | 31,920  | 399 | 80  | SK |                           | *VE3GMZ       | 280     | 20   | 14  | ON  |           |
| VE3LRL | 25,420  | 205 | 124 | ON | CCO#1                     | VE3JZT        | 132     | 12   | 11  | ON  |           |
| VA3PC  | 20,972  | 196 | 107 | ON |                           |               |         |      |     |     |           |
| VA3OOL | 15,521  | 187 | 83  | ON |                           | KP2RUM (K9VV) | 410,688 | 1426 | 288 | KP2 | FCG WAHOO |
| VE3MV  | 15,399  | 177 | 87  | ON |                           | J88IH         | 23,647  | 221  | 107 | J8  | Harris    |
| VE3HZ  | 12,720  | 159 | 80  | ON |                           | J88VL         | 897     | 39   | 23  | J8  | Harris    |
| VE3FZ  | 9,594   | 123 | 78  | ON |                           | HI6M          | 35      | 5    | 7   | HI  |           |
| VA3RSA | 9,317   | 121 | 77  | ON |                           |               |         |      |     |     |           |
| VE3KTB | 7,416   | 103 | 72  | ON |                           | OA4AKC        | 1,590   | 53   | 30  | DX  |           |
| VO2AC  | 6,935   | 95  | 73  | NL | Artificial Snowtelligence | JJ1MBU        | 221     | 17   | 13  | DX  |           |

**\*QRP  
Multi-Two Scores**

| Call Sign     | Score   | QSOs | Mults | QTH | Operators   |
|---------------|---------|------|-------|-----|---|
| K5TR          | 903,727 | 2833 | 319   | TX  | K5TR, N5TJ, WO5T  |
| NP3Y          | 756,738 | 2473 | 306   | KP4 | NP3Y, WP3C  |
| 8P5A          | 742,203 | 2499 | 297   | 8P  | W2SC, KA1JJR  |
| WP3X          | 657,459 | 2061 | 319   | KP4 | KP4AA, W2XX   |
| KA4RRU        | 522,423 | 1759 | 297   | VA  | K5OF, KA4RRU, W0CN, W4GO, WA4PGM  |
| NE1C (@K1TTT) | 512,080 | 1730 | 296   | MA  | K1NZ, KX1X, NT1K  |
| NX6T          | 477,822 | 1642 | 291   | CA  | K7ENA, N6ERD, N6KI, N7NR, WM6Y, WQ6X  |
| W5WZ          | 404,190 | 1497 | 270   | LA  | W5WZ, WM5H  |
| WW4LL         | 367,992 | 1368 | 269   | GA  | K4NV, KU8E, N8VW, NN9DD, WW4LL  |
| K1LZ          | 367,640 | 1315 | 280   | ME  | K1LZ, KC1KUG, W3MLJ   |
| ND8DX         | 361,336 | 1457 | 248   | OH  | KD8OPT, KD8VMS, KE8YJX, KE8YMU, ND8DX, WB8YHD                               |
| K3CCR         | 192,474 | 867  | 222   | MD  | N3UM, W5MPB   |
| VE7SCC        | 159,140 | 730  | 218   | BC  | VA7DX, VE7KJR, VE7KW  |
| WA1F          | 110,876 | 523  | 212   | FL  | WA1F, WA1S  |
| KK4ODQ        | 36,040  | 340  | 106   | VA  | KK4ODQ, KK4ODR  |
| N1BNC         | 34,453  | 263  | 131   | NH  | N0HF, N1BNC   |
| W4MLB         | 34,200  | 342  | 100   | FL  | K5LD, KK4ZWC, N0OJ, W9MGB   |
| KX4AV         | 10,530  | 135  | 78    | KY  | KX4AV   |
| N4NMM         | 8,325   | 111  | 75    | FL  | N4NMM, N4NTT  |
| W2SO          | 7,869   | 129  | 61    | NY  | AA2ZW, AG2AA, K2AAU, KD2PMU, KE2AAC, W2BMT, W2SAL                           |
| WV7HS         | 6,450   | 129  | 50    | AZ  | AF7VC, K17GJJ, WV7HS  |
| W0WC          | 6,006   | 91   | 66    | MO  | KF0OUU, W0WC  |
| K4XY          | 5,040   | 90   | 56    | VA  | K3US, K4EWR, KC3TFD, KD2IBT, KM4RDS, KO4CMK, KO4ERH, KQ4JTV, KQ4MII, KQ4NGC |
| W8DGN         | 4,982   | 98   | 53    | OH  | KC8OPY, KE8ZNT, KE8ZNU, KE8ZNV, W8ASA, W8GZL, W8LRJ, WS8R                   |
| KY4ID         | 2,280   | 60   | 38    | SC  | KY4ID   |
| W6BHZ         | 1,073   | 37   | 29    | CA  | KM6WIU, KM6MLS, KN6REG, KN6RJA, KN6RJK, KN6WDP, KO6BQO, KO6DGI              |

Check Logs

7Q6M, AA3RC, AE0S, AI1G, AI6MC, K1VMT, KA2MGE, KA7RRA, KA9OZP, KC3KRZ, KD2RPX, KG7QXE, KK4PJ, KV9O, N1MGO, N2MEE, N5OT, N6FS, N9MS, NA6MB, NG3J, NT5SM, OE9XR, VE3JZ, VE7WO, VY1CO, W1AQ, W1CQ, W1WEF, W1WIM, W2BUD, W2PA, W2VTB, W3SM, W4JJF, W4LAN, W4WKU, W5GFI, W7JHR, W8GNM, WC8VOA, WD5ENH, WH6R, WK1O, WK2M, WO2T, WO4O, WVV5L, WZ8X