

Results of the 2005 CQ WW RTTY DX Contest

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The 19th annual CQ WW RTTY DX Contest was held September 24–25, 2005, after Hurricane Katrina had, at the beginning of the month, devastated New Orleans, one of the hotbeds of RTTY contesting and DXing in the U.S., and in the midst of Hurricane Rita attacking the Texas and Louisiana coasts. While flying down to Ecuador from Miami on Wednesday before the contest began, K6AW and W6OTC saw the circular clouds of Hurricane Rita stretching out for hundreds of miles in the Gulf of Mexico, and they knew this would not be a good contest for our friends on the U.S. Gulf Coast, most of whose antennas had already been significantly damaged or destroyed by Katrina. Nevertheless, a few Louisiana RTTY stalwarts such as Don, AA5AU (who managed to work 13 hours), did overcome their enormous adversities to make contacts with the rest of us.

Overall, while solar Cycle 23 continued its slow decline, holding at a solar flux index of about 84 during the contest period, RTTY contest participation continued to grow. Logs submitted this time increased from 1250 to 1361, again setting a new record for any RTTY contest in history. CQ WW RTTY and CQ WPX RTTY continue to set new records each year for the number of entries, and no doubt this latest record will be exceeded soon. In 2005, logs were received from 110 countries on all continents except Antarctica. Please check the "Summary" section in this article for other interesting statistics about the contest.

Our good friend Joe Wittmer, K9SZ, has retired from his log-checking duties. Thanks to Joe for his countless hours spent wrangling through logs for the past few years. Fortunately, Paolo Cortese, I2UIY, presently World Record Holder and champion in the CQ WPX RTTY Single Op All Band category, stepped in to fill this essential role. He was greatly assisted this time by N8BJQ, W3ZZ, and RW3FO.

While the largest number of contacts was made on 20 and 15 meters, scores continued to increase on all bands other than 10 meters. However, for those able to take advantage of north-south paths, 10 meters continued to provide significant contacts and multipliers, and results there bounced back from those of 2004. New single-op world records were set for all bands other than 10 meters, and even on 10 three northern African stations exceeded the previous single op 28 MHz record set in 2000.

To assist you in entering the proper category in your Cabrillo-format log, this time we changed the headings below to correspond to the specific Cabrillo categories required to be submitted to the robot. Note that while the robot accepts high, low, and QRP power designations for single-band entries, and high and low power designations for Assisted category, the rules do not distinguish power levels except for Single Op All Band and Multi-Single entries (with the sole exception of Multi-One).

Single Operator

Single-Op All High. European Single Operator High Power results were particularly good in 2005, with both of the top two finishers breaking the previous European record set by EMØI in 1999. In world first place, and establishing the new European record, was S50A (op: S57AW), scoring 4,017,788 points (2489 QSOs, 641 mults). Close behind was 9A5W, who scored 3,885,759 points (2411 QSOs, 639 mults). JH4UYB moved up to world third with 2,571,270 points (1855 QSOs, 494 mults). The difference between world fourth and fifth places was one of geography: UA9MA/9, with a far-west Asia location in zone 17 (and mostly 3-point contacts) scored 2,152,500 points (1782 QSOs, 420 mults), while AB5K scored 2,049,743 points with more QSOs and mults (1910 QSOs, 509 mults) but a lot fewer 3-pointers.

Single-Op Assisted All. This time mult hunting continued to attract more entrants to SOA, with the biggest scores all coming from eastern Europe. LY2IJ won the category with a score of 3,436,290 points (2338



Andrei, NC2N (EW1AR), winner W2 Single Op, All Band, Assisted.

QSOs, 594 mults). Close behind was RD3A, who scored 3,205,020 points (2276 QSOs, 587 mults). EO7Q repeated as world third, substantially increasing his score to 2,797,254 points (2051 QSOs, 557 mults).

Single-Op All Low. SOL scores increased somewhat compared to 2004. The winner this time was Wanderley, ZX2B (PY2MNL), who moved from SOA class (world second in 2004) to SOL with a good score of 3,041,031 (1910 QSOs, 537 mults). 2004's winner, CN8KD, was second in 2005, increasing his score to 2,584,905 points (1947 QSOs, 443 mults). 2004's world second, LZ9W (op: LZ2HM), made a higher score this time but slipped to world third with a score of 2,131,225 points.

Single-Op 10M. In 2004, the single band 10 meter winner scored only 34,000 points. This time, several scores increased substantially as more people recognized that the band is actually open more frequently than most think, even during these periods of low solar flux. Not surprisingly, the top two scores were from South America, with its fairly reliable north-south propagation to the U.S., and to a lesser extent to Europe. World first, by a substantial margin, was LU1HF, scoring 285,576 points (666 QSOs, 146 mults). LU5FII was second with 62,720 points, while KH7X (op: KH6ND) came close to the SO 28 Oceania record with 43,296 points.

Single-Op 15M. As in 2004, 15 meters continued to produce new records. In the 2005 contest, CT3KY established a new SO 21 world record with 753,830 points (1416 QSOs, 178 mults). In world second, and breaking the South American record set just a year before, was ZV5R (op: IV3NVN), scoring 650,700 points. 2004's world winner, Steve, ZC4LI, established a new Asian record with 611,087 points.

Single-Op 20M. As on 15 meters, 20 meter scores continued to increase in 2005. The top six finishers this time all exceeded the previous world record set in 2004 by VE2RYY. The winner, and new world record holder, was CT3IA, with a score of 750,618 points (1341 QSOs, 187 mults). D44AC (op: IV3SKB) scored 733,126 points, while XM6WQ scored 710,520 points, a new North America record. World fourth was ET3TK (op: OK1FIA), scoring 653,975 points. Note that CT3IA, D44AC, and ET3TK all broke the previous Africa SO 14 record set by ZS6EZ in 2000, when solar Cycle 23 was at its peak.

Single-Op 40M. Continuing with a trend begun in 2003, scores on 40 meters moved significantly higher, with many old records falling around the world. In a tight competition for a new world record, 7XØRY (op:

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The new tribander set up by BRATS (the Broadhurst Receiving and Transmitting Society) for its Multi-Op Single Transmitter high power win for England as G0BRC.

OK1DF) scored 495,537 points (1125 QSOs, 147 mults). 2004's winner and previous world record holder, IY4W (op: IK4MHB), was close behind with 462,840 points. CT3EN also broke the old world record, scoring 396,800 points. We expect 40 meters will continue to be hotly contested in 2006, with a new world record again likely to be set.

Single-Op 80M. After eight years, a new 80 meter world record was finally established, with G10KOW's 1997 record of 137,862 points being beaten by multi-year winner S54E, whose new world record is 154,845 points (646 QSOs, 111 mults). NB1B won world second again, and also again set new USA and North America 3.5 MHz records, with 124,124 points. Very close behind, IQ1RY (op: IK1HXN) was world third with 120,890 points.

Multi-Operator

Multi-One All High. The unique rules of the RTTY multi-operator, single transmitter class continue to produce a large number of entries every year, particularly from European stations. This time the winner repeated as world champion and set a new Europe record: UU7J (ops: UU0JM, UU4JMG, UU0JX, UT5UGR, UT8NA, UT4ZX, UU8JK, UT9FJ, UR5FEO, UR5FEL, UT0FF, UU5JIB, UU5MAF) scored 4,299,482 points (2813 QSOs, 638 mults), inching past OM5M's 2002 Europe MOH record of 4,274,004. World second was HA80IARU (ops: HA1TJ, HA1DAC, HA1DAI, HA3UU, HA1AH, HA1AR, HA1AV, HA1SN, HA1SD, HA1DAE), scoring 3,940,288 points (2401 QSOs, 638 mults). 2004's world second, RL3A (ops: RU3RQ, RN3BA, RW3FO, RX3DCX, UA3ASZ), slipped to third this time, although with a higher score of 3,666,808 points. As we mention annually, the 1999KH7R Oceania (2.6mm points) and 1996 TY1RY Africa (2.7mm points) MOH records continue to survive without serious challenge.

Multi-One All Low. In 2005, the contest team at K1TTT (ops: K1MK, K1TTT, N2OW, W1TO, WM1K) smashed the NA and USA record for MOL, scoring 3,177,108 points (2032 QSOs, 639 mults). World second was UT3HWW (ops: UT4HZ, UY1HY, UZ7HO), scoring 1,059,576 points, while former NA record holder KP2D (ops: NP2W, KP2VI, NP2DZ, NP2DJ) repeated as world third with 1,014,344 points.

Multi-Two. The M2 class winner continues to be the highest scoring station in CQWW RTTY, and in 2005 HC8N repeated that accomplishment. The crew (ops: N5KO, W6OTC, K6AW, N6DE) made 10,247,580 points (4555 QSOs, 756 mults), near the station's 2002 world record in this class. In world second this time was the European M2 record-holding team at RU1A (ops: RK1AM, UA1AKC, UA1ARX, RW1AC, RV1AW, Yuri), which scored 4,914,399 points. North America record holder K11G (ops: K11G, WF1B, NG1G) placed third with 4,448,080 points.

Multi-Multi. While the essentially unlimited class of MOM produced only six entries, each of these represents an enormous job of organization and assembling hardware. A tremendous effort from A61AJ established a new Asia MOM record and substantially raised the bar for Asia MOM competitors. With a big station, a rare and highly sought-after UAE QTH, and a fine group of ops, A61AJ (ops: A61AJ, S50A, S50AA, S50DX, S50XX, S50YL, S52X, S56MM, S57ONW, S58P, IV3IPS) scored 8,477,014 points (4571 QSOs, 658 mults). In world second place was PJ2B (ops: WW4LL, K9MUG, K5ZM, K9JS), scoring 4,995,536 points (2881 QSOs, 584 mults). Close behind in world third was RK2FWA (ops: RN2FA, UA2FB, UA2FF, UA2FX), with a score of 4,554,435 points (2866 QSOs, 633 mults). 2004's winner beat its previous score but dropped to fourth in 2005: Z37M (ops: Z31MM, Z32ID, Z32PT, Z32XA, Z36W) scored 3,993,120 points.

Summary

As CQ WW RTTY completed its 19th year, Paolo, I2UIY, decided to take a fresh look at some of the statistics of this contest, one of the two (with CQ WPX) largest RTTY contests of the year. For the 1361 logs submitted, a total of 614,705 QSOs were logged, with 13,385 different callsigns. The most popular logging program for this contest was WriteLog (337 logs), followed by MixW (271 logs) and N1MM Logger (254 logs). Those of us still using RTTY by WF1B do not show up in the statistics because these logs require conversion to Cabrillo format by some other utility. While all of these great programs and also others allow one to submit a log very quickly after the contest, you

will usually find it worthwhile to review your log to correct obvious errors. For example, this year, VP9/K9JY was mis-logged in 29 different variations, and 4Q310SKY (admittedly a difficult call to copy just right) was busted in 27 different ways. The point is that reviewing your own log before submitting it is usually a good idea and may increase your score.

To check all-time CQ WW RTTY records, look at <www.rttycontesting.com>, maintained by Don, AA5AU. For comments by participants, see the QRM section below. Additional QRM and a list of the station ops can be found on the CQ website: <www.cq-amateur-radio.com>. Go to the contests section, to CQ WW RTTY Contest, to the 2005 Expanded Results.

We continue to progress with the electronic submission of logs, with virtually all logs now being submitted via e-mail to <rtty@cqw.com>. However, because the participation in this contest continues to grow so rapidly, some newer participants neglect to note that the rules for this contest require recording the received state/province and zone information and submitting the log in proper Cabrillo format. If the submitted log does not include all of the critical exchange data (including zones, states, provinces) from the raw log, the log-checkers can do little to salvage the log. Accordingly, please carefully follow the instructions in your logging software (or your Cabrillo-conversion program) to be sure that all of the required fields have been included in your final log before submitting it to the robot. Also remember to read carefully any error message from the robot. The required language in the headers is precise and noted in each category as shown above—not simply anything you or your logging program decides to put there. Those errors were the most prevalent in the 300 logs that required some editing by I2UIY, N5KO, N8BJQ, W3ZZ, and RW3FO. In addition, Paolo converted many non-Cabrillo logs to Cabrillo format prior to their being submitted into the master log-checking process. As in prior years, we received a large number of checklogs which were very helpful for log-checking. Thanks to all who submitted these logs.

The 2006 CQ WW RTTY Contest

The 20th annual CQ WW RTTY Contest will be held on September 23–24, 2006. Please note

that *Cabrillo-format logs are highly encouraged for all entrants, with e-logs required from all potential high-scoring entrants in any category. Also, any computer-generated log with more than 100 contacts must be submitted via e-mail or on a 3.5-inch diskette via snail mail.* For those who submit diskettes, please remember to send the diskettes in a protective envelope. E-mail is clearly the most reliable and easiest mode for log submissions, but we welcome all logs, including (subject to the restrictions described above) paper logs, no matter how they are sent. Finally, the *deadline for log submissions is October 31, 2006.* The full text of the 2006 rules will be published in the July issue of CQ and on the CQ website at <www.cq-amateur-radio.com>. *Please read the rules carefully prior to the contest, and please note that all logs submitted via e-mail go to <rtty@cqww.com>.*

73, Glenn, W6OTC, and Paolo, I2UIY

DX QRM

2M0KDZ: Fine contest, fine conditions, especially Sunday. **7L3IUE:** This contest was really in good condition. I could enjoy the contest. Warmest thanks to you. **7P8/JH4RHF:** It was a long and winding road from ZS to 7P, more than 10 hrs. I just had a few hours to operate RTTY contest at last! **8P2K:** SO2R worked nicely. Great to work 7X for the first time on RTTY. **9A5W:** For the first time I used SO2R, but I did not read rules before contest. That is why I did more than six band changes during one hour. Solution was to claim myself as MM station, hi. Next time I'll read rules in advance! **9M6/G30OK:** For this point in the solar cycle condx were really good, especially on 15m. The band opened early and stayed that way until late

in the evening. Unfortunately I have a very high local noise level here (sounds like power lines) so apologies to the weaker stns I could not resolve through this QRM. **A45WD:** Great contest! The propagation and the participation were much better than expected. Since running low power, I was afraid I'd have to S&P all contest, even if a 4 was a multiplier for everybody. But I managed some good runs of JA's on 10m (Saturday morning) and Europe (mainly DL stations) on Sunday evening.

CT3EN: I was very motivated to improve last year's score, which I did a lot. The first night was very good. Had good U.S. stations that made my run for the night and managed to end the first night with a sum of 585 QSOs. The second night went to the station early trying to get some European stations to improve my score, which I did during the night. **DJ4PI:** Always a great contest with excellent condx from 80 to 15m. 10m was closed with only a few openings to south. **DK7UM:** This time I didn't have as much time to spend as I wished. Still a lot of fun. Mni tnx to all who made it possible that this contest could take place. **DL1EFD:** My first participation of more than a few hours. Great fun! How about adding this contest to the CQWW club competition or at least add a separate competition. **E21YDP:** This is the first time in Multi-Two category. It's Vy fun. Thanks to all for

QSOs. **EA3/ DJ6TK:** In the last 6 hours strong thunderstorm and black out of power in this region. **EY8DQ:** I am 11 years old. **F5RD:** A good contest. I improved my 2004 score. Except for 10m (only 3 QSOs) all bands were good. Contacted two new countries (7X and VP9). Thanks to all who worked me. See you again in 2006. **G0BRC:** This is only the third year this team entered the contest and the setup was the best we have had. All who took part thought that it was a great team effort and brought members together in the club.

G4FKA: First try in this marathon! Not a serious entry with limited antenna, but great fun to give points to the serious entrants and get a few more countries in the log. Pleased that 21 MHz stayed open well on both days. 28 MHz dead until Sunday afternoon but too weak to work. **GU0SUP:** Excellent! A pity 10m didn't open, but the other bands seemed to be in good shape, which made up for that. So pleased to work VP9 on 80 and KH6 on 40m with a very low home-brew inverted-L antenna. Good to see so many new calls about too, probably indicating that RTTY is still growing in popularity. **IQ2CJ:** Very good activity. This contest is getting better year after year! Tnx. **IZ0EHL:** Many tnx for the best RTTY contest. My score is better than last year but not enough for me . . . hi. Many new countries and many new on band! I am

(Continued on page 108)

Important On-Line Resources

To prepare for the 2006 contest, please refer to the following on-line resources:
Contest rules: <www.cq-amateur-radio.com>
Contest records: <www.rttycontesting.com>
Cabrillo specifications: <www.kkn.net/~trey/cabrillo/spec.html>
Cabrillo template for this contest: <www.kkn.net/~trey/cabrillo/cqww-rtty.txt>
Log Submissions: <rtty@cqww.com>

Results of the 2005 CQ WW RTTY DX Contest (from page 27)

very happy. To next time with many QSOs and fun. **LN8W:** After a very slow start, we gained on our 2004 score the second day and to our surprise passed it at the end. 15 meters opened up to the states the second day and even some West Coast stations made it through. Thanks to all who called us! **PJ7K7ZUM:** Always fun going to the Caribbean to play radio! And as usual, all I had for an antenna was a single Butternut HF2V with a dozen radials underneath of it stuck in the sand on the beach. Conditions not real great. Even went outside several times Saturday. **RX9UZZ:** This contest was in good condition, so that I could enjoy the wonderful contest.

S51J: Good conditions. Low propagation or no contesters on 15m? **SM4RGD:** Tnx for a very nice contest. Good conds here in Sweden on all bands except 10m. But hard in the beginning on 40 and 80m. Tnx to all stations. **TA1DX:** Very good contest and very good propagation, but some operators are speedy calling and not listening his frequency. **TK/F5CWU:** Nice contest from Corsica even if the working conditions were not the best. No DX Cluster and no second radio for mult hunting, but anyway was a fun experience. **VE3AP:** Tnx Don, VE3RM, for being a great host and best teacher. Glad to have LW8EXF back as rpt in RTTY contest. **VE3JAQ:** Nice conditions for a change. CQ WW contests seem to bolster the ionosphere. **VK2GR:** My first RTTY contest. A little fun, but it took me some time to get the hang of it compared to CW contests. Thanks to the other RTTY operators for their patience!

VK3KE: A very good contest. Conditions were good and competitors very friendly and patient. Thank you for running the contest. **VU3DXY:** Home call KX7YT. Operated from Calcutta Sonar Bangla Hotel with my Sigma V and IC-706. Maybe only VU station? **XE2AC:** Superb condx on Saturday morning. It was wide open to Europe. Almost like the best of five years ago. **YB0DP0:** Not real serious. Lots of rest periods. I was S&P. Missing

YV6BTF and few South America stations. Thanks to all the stations that worked me. Running 100 watts only into 7-element log periodic and a rotary dipole. 40m/80m N1MM software. No 80m this time. Anyway I enjoy this contest. Hope CU AGN in CW or SSB. **ZS2EZ:** First-ever RTTY contest. Had a blast despite having to go to work both days. Looking forward to the CQ WW WPX RTTY test!

U.S. QRM

AA5AU: It was good to be back on the air after being evacuated nearly four weeks from Hurricane Katrina. This was just a limited single band 40 meter effort for me since all my antennas were destroyed in the hurricane except my HF2 vertical. **A19T:** This was the hardest I ever worked in a contest. Had a great time! Everything worked as well as it could have. Except I'm really wore out a day later! Thanks to all who worked me. Looking forward to the next one. **K0BX:** Wow!! Bands dead all week. Come the contest and it is wall to wall RTTY! Big opening to Asia. Who needs sunspots? **K4GMH:** Thanks to all who worked on putting this contest together and will be working to do the scoring and other administrative stuff. Also, thanks to the folks who were kind enough to work me. Band conditions were okay considering. **K8IR:** Did a multi-single with my 10-year-old grandson. His first time on RTTY and he had a blast. We were LP until I heard JT1CO on 20 Saturday night and needed the aid to get that new country on RTTY. **KA1C:** Had a great time. Tnx to MMTTY for a great program! **KH6ND:** Great second night conditions and a new Oceania 40m record. Aloha.

KP2D: Slow start due to equipment failures, but when we got past that, great contest! We added a Smartuner to our 80m vert and boy did we like it! **KT0P:** Great contest! First time participant. I'll be back! **N0HF:** So many signals, so little time. **N2LK:** Great conditions! 15 meters was wide open for a lot of QSOs. **N3RDV:** First time with remote CI-V

interface. Worked great. Many thanks to N3CZZ! **NC2N:** Very interesting contest and surprisingly, good conditions. Thank you! **NI5F:** Hurricane Katrina clean up and the Hurricane Rita generating very high winds, rain, tornado warnings, and commercial power loss limited operation from Mississippi. I was glad to give MS to as many as I did. **NN6NN:** Excellent conditions for this part of the sunspot cycle. It doesn't get much better than this! Thanks for all the Q's, especially all our friends in Japan and the rest of Asia who made working the pileups so much fun. Congrats to the crew at WB9Z for an outstanding effort. And thanks for our only state (outside CA) on 10m. **W0LSD:** Much better condx than I would have expected on 15 meters for this part of solar cycle. However, worked very few stateside stations. Missed OH, MI, IN, WI, MN. My first ever single 15 meter effort.

W1GZ: This was a special event setup at the local Johnny Appleseed festival. We were demonstrating amateur radio and emergency communications. **W3MEL:** Great contest again! Good propagation and many DX stations. Thanks for running it again. **W4GAC:** First time in this contest for this group. 10 meters never really opened at this location. Had good runs going on 40, 20, and 15. 80 meters was good for us just before daybreak. Hope to be back next year. **W9/DL2YCA:** On Friday night I enjoyed operating outside in the cool evening breeze. On Saturday I suffered in the sun. On Sunday I had to quit because of too much rain and wind. It was a great experience and made for a lot of fun. **WA7LNU:** First year to operate CQ WW RTTY contest! Had a great time and will certainly make it an annual event in the future. **WV1K:** I set up the Rigblaster Pro on Saturday night after having it since the spring. Glad I did. It was fun to get WAC, and over half the WAZ zones and DXCC. The antenna here on Cape Cod is only 8 meters high because they don't understand PRB-1 (literally). The town of Brewster thinks it gives them the right to limit you to what they think is reasonable.

Number groups after call signs denote the following: QSOs, Points, Zones, Countries, US/VE, Final Score. Certificate winners are listed in boldface.

2005 CQ WW RTTY DX CONTEST

| Single Operator Assisted | | | | | | |
|--------------------------|------|------|-----|-----|-----|-----------|
| LY2LJ | 2338 | 5785 | 122 | 342 | 130 | 3,436,290 |
| RD3A | 2276 | 5660 | 119 | 321 | 121 | 3,205,020 |
| E070 | 2051 | 5022 | 115 | 321 | 121 | 2,797,254 |
| UT2UZ | 1700 | 4180 | 112 | 319 | 114 | 2,278,100 |
| K4GMH | 1763 | 4476 | 94 | 267 | 131 | 2,202,192 |
| UR50U | 1769 | 4259 | 106 | 292 | 107 | 2,150,795 |
| JS3CTQ | 1532 | 4221 | 114 | 256 | 96 | 1,966,986 |
| F61RF | 1482 | 3661 | 100 | 275 | 136 | 1,870,771 |
| VE3WJAT | 1616 | 4423 | 102 | 274 | 44 | 1,857,660 |
| A19T | 1566 | 3460 | 118 | 351 | 114 | 1,776,712 |
| W4PK | 1145 | 2885 | 90 | 353 | 115 | 1,376,000 |
| NC2N | 1255 | 2818 | 77 | 218 | 112 | 1,194,832 |
| JM1LPN | 1107 | 2966 | 106 | 212 | 84 | 1,192,332 |
| V11CHP | 1088 | 2700 | 73 | 233 | 132 | 1,182,630 |
| I2UHY | 1074 | 2678 | 68 | 192 | 129 | 1,041,742 |
| NO2T | 1026 | 2586 | 67 | 217 | 100 | 1,018,884 |
| VE3WJAT | 822 | 2452 | 74 | 211 | 97 | 936,664 |
| DF0CB | 956 | 2215 | 91 | 252 | 63 | 899,290 |
| W4GKM | 1017 | 2120 | 83 | 190 | 127 | 848,000 |
| N2BJ | 929 | 2138 | 81 | 192 | 110 | 818,854 |
| R4W4W | 1045 | 2285 | 75 | 235 | 22 | 758,620 |
| N8BJJ | 791 | 1830 | 78 | 205 | 110 | 719,190 |
| W4MYA | 763 | 1863 | 79 | 206 | 96 | 709,803 |
| AA3B | 775 | 1925 | 71 | 195 | 97 | 698,775 |
| WD4DDU | 798 | 2050 | 68 | 201 | 68 | 690,850 |
| J49XB | 922 | 2087 | 73 | 214 | 44 | 690,797 |
| W30A | 734 | 1710 | 79 | 204 | 105 | 663,480 |
| M6T | 849 | 1985 | 69 | 196 | 54 | 633,215 |
| SM7BHM | 726 | 1758 | 79 | 202 | 65 | 608,266 |
| KA2D | 692 | 1898 | 71 | 196 | 51 | 603,564 |
| K3WVV | 682 | 1743 | 71 | 186 | 78 | 583,905 |
| K6HGF | 877 | 1574 | 82 | 152 | 128 | 569,788 |
| I2SVA | 618 | 1580 | 75 | 189 | 83 | 548,260 |
| K4WVV | 685 | 1541 | 71 | 172 | 102 | 531,645 |
| DH0GHU | 690 | 1570 | 67 | 192 | 74 | 522,810 |
| UA0QBR | 782 | 2072 | 60 | 152 | 33 | 507,640 |
| DL4R | 622 | 1498 | 75 | 184 | 69 | 491,344 |
| VPSRED | 660 | 1538 | 62 | 125 | 126 | 481,394 |
| AB0RX | 644 | 1487 | 79 | 158 | 84 | 477,327 |
| JA2SM | 582 | 1518 | 84 | 166 | 50 | 455,400 |
| W4APGM | 593 | 1316 | 73 | 161 | 105 | 446,124 |
| DJ4PI | 473 | 1203 | 90 | 201 | 60 | 422,253 |
| SM3PZG | 532 | 1240 | 74 | 194 | 34 | 374,480 |
| AB0TA | 495 | 1062 | 70 | 157 | 77 | 322,848 |
| W7ZR | 568 | 1102 | 69 | 129 | 94 | 321,784 |
| VE9NC | 476 | 1269 | 46 | 131 | 63 | 304,560 |
| K2QMF | 403 | 1106 | 58 | 160 | 36 | 280,924 |
| N7MO | 463 | 914 | 68 | 126 | 101 | 269,630 |
| TA1DX | 409 | 965 | 59 | 149 | 35 | 234,495 |
| W3GQ | 353 | 842 | 64 | 149 | 64 | 233,234 |
| NA2M | 388 | 864 | 59 | 149 | 62 | 232,416 |
| W2LK | 343 | 829 | 61 | 156 | 32 | 231,321 |
| VA3PC | 321 | 831 | 55 | 142 | 56 | 210,243 |
| JE1LFX | 361 | 886 | 80 | 117 | 37 | 207,234 |
| HB9TLD | 392 | 957 | 52 | 121 | 43 | 206,712 |

| | | | | | | |
|-----------|-----|------|----|-----|----|---------|
| N4GG | 391 | 800 | 57 | 114 | 78 | 199,200 |
| K2KO | 287 | 550 | 58 | 157 | 67 | 195,500 |
| AD1C | 303 | 716 | 59 | 150 | 61 | 193,320 |
| K0FJ | 390 | 813 | 57 | 116 | 64 | 192,681 |
| UA0SR | 419 | 1104 | 43 | 119 | 11 | 190,992 |
| N2FF | 342 | 771 | 49 | 136 | 61 | 189,666 |
| KK8MM | 334 | 722 | 62 | 126 | 70 | 186,276 |
| LT2H | 495 | 1446 | 23 | 63 | 42 | 185,088 |
| W7YES | 327 | 790 | 62 | 106 | 53 | 174,590 |
| DL4NN | 329 | 784 | 50 | 122 | 34 | 161,504 |
| US4LPU | 575 | 1291 | 27 | 76 | 20 | 159,793 |
| G3UHU | 326 | 757 | 47 | 120 | 32 | 150,643 |
| 2E0TEC | 364 | 812 | 38 | 112 | 24 | 141,288 |
| DL9NDV | 273 | 679 | 51 | 114 | 43 | 141,232 |
| 7N2UQC | 285 | 716 | 64 | 106 | 22 | 137,472 |
| N6MZ | 260 | 644 | 62 | 107 | 43 | 136,528 |
| RJUSAT | 299 | 670 | 55 | 128 | 7 | 127,300 |
| DK5NL | 205 | 511 | 64 | 145 | 28 | 121,107 |
| XE2AC | 262 | 584 | 32 | 86 | 49 | 119,920 |
| WA1ZYX | 590 | 765 | 30 | 92 | 32 | 117,810 |
| K0BX | 223 | 559 | 59 | 109 | 34 | 112,918 |
| NF3R | 258 | 586 | 42 | 98 | 52 | 112,512 |
| YT7TY | 235 | 606 | 51 | 100 | 32 | 110,898 |
| OH5VJ | 217 | 551 | 50 | 110 | 39 | 109,649 |
| N5JR | 251 | 718 | 26 | 91 | 14 | 94,058 |
| RJ3BU | 254 | 531 | 40 | 112 | 2 | 81,774 |
| G6FOP | 262 | 584 | 32 | 86 | 49 | 119,920 |
| TF3YH | 170 | 402 | 51 | 116 | 22 | 75,978 |
| JA1BWA | 194 | 447 | 62 | 81 | 14 | 70,179 |
| AC4PY | 163 | 382 | 58 | 89 | 35 | 69,524 |
| DL3ARK | 193 | 466 | 40 | 87 | 21 | 68,968 |
| K8PIT | 174 | 384 | 46 | 86 | 43 | 67,200 |
| N6VH | 208 | 405 | 51 | 59 | 53 | 66,015 |
| DK7ZT | 170 | 385 | 43 | 97 | 10 | 57,570 |
| DL6KA | 144 | 357 | 49 | 87 | 25 | 57,477 |
| AA9RR | 136 | 341 | 44 | 96 | 25 | 56,265 |
| EA3BHK | 171 | 456 | 22 | 52 | 32 | 48,336 |
| W6OAT | 145 | 282 | 42 | 55 | 49 | 41,172 |
| Y02NAA | 135 | 335 | 34 | 62 | 25 | 40,535 |
| J1IALP | 112 | 300 | 50 | 64 | 13 | 38,100 |
| ON5Z0 | 125 | 329 | 29 | 46 | 32 | 35,203 |
| WB1EDJ | 97 | 227 | 39 | 68 | 19 | 28,602 |
| N0HF | 118 | 248 | 32 | 42 | 25 | 27,776 |
| N3CA | 103 | 211 | 30 | 49 | 29 | 24,898 |
| M1SMA | 89 | 224 | 32 | 53 | 18 | 23,072 |
| JS1KQO | 76 | 208 | 39 | 58 | 10 | 22,256 |
| RU6YY | 181 | 348 | 10 | 44 | 1 | 19,140 |
| W9/DL2YCA | 110 | 186 | 16 | 30 | 28 | 13,764 |
| MM0BQI | 102 | 220 | 10 | 40 | 8 | 12,760 |
| N9LF | 58 | 151 | 30 | 39 | 14 | 10,873 |
| J11AIL | 60 | 156 | 29 | 35 | 4 | 10,608 |
| JE0UR | 53 | 151 | 24 | 28 | 11 | 9,513 |
| N4XMX | 28 | 79 | 15 | 28 | 1 | 3,476 |
| SV1DPI | 28 | 74 | 18 | 23 | 5 | 3,404 |
| N7JB | 24 | 53 | 16 | 18 | 8 | 2,226 |

| Single Operator All Band Low Power | | | | | | |
|------------------------------------|------|------|-----|-----|-----|-----------|
| ZX2B | 1910 | 5663 | 102 | 279 | 156 | 3,041,031 |
| CH8KD | 1947 | 5825 | 79 | 231 | 133 | 2,584,905 |
| L29W | 1649 | 4075 | 102 | 300 | 121 | 2,131,225 |
| L2ZE | 1678 | 3991 | 105 | 303 | 92 | 1,995,500 |
| A45WD | 1497 | 4285 | 95 | 279 | 65 | 1,881,115 |
| ZX7A | 1255 | 3690 | 88 | 241 | 132 | 1,701,090 |

| | | | | | | |
|--------|------|------|----|-----|-----|-----------|
| VE3DZ | 1170 | 3023 | 87 | 222 | 125 | 1,311,982 |
| 8P4 | 1229 | 2992 | 76 | 188 | 173 | 1,307,500 |
| H3ITEJ | 1207 | 3059 | 77 | 197 | 137 | 1,257,249 |
| W0BI | 1310 | 2973 | 90 | 261 | 66 | 1,239,741 |
| LZ9R | 1227 | 2808 | 83 | 255 | 71 | 1,148,472 |
| YV6BTF | 936 | 2742 | 88 | 211 | 118 | 1,143,414 |
| WAZETU | 1108 | 2667 | 87 | 221 | 118 | 1,136,142 |
| UN3M | 1221 | 3267 | 72 | 218 | 27 | 1,130,739 |
| RD3BD | 1146 | 2677 | 86 | 260 | 70 | 1,113,632 |
| EMZU | 1179 | 2707 | 84 | 242 | 59 | 1,042,195 |
| VL0A | 1097 | 2544 | 81 | 258 | 58 | 1,009,968 |
| RJ3OW | 1143 | 2583 | 81 | 253 | 51 | 994,455 |
| W3LL | 985 | 2556 | 70 | 190 | 88 | 889,488 |
| ESSRY | 927 | 2172 | 90 | 253 | 66 | 888,348 |
| FR1HZ | 1044 | 3119 | 60 | 168 | 46 | 854,606 |
| OK2ZFP | 975 | 2347 | 75 | 205 | 83 | 850,872 |
| DL6JZ | 925 | 2154 | 75 | 236 | 79 | 841,230 |
| HZE | 938 | 2686 | 69 | 204 | 35 | 827,288 |
| W6GJ | 1027 | 2544 | 81 | 258 | 142 | 809,968 |
| R9ASC | 918 | 2581 | 73 | 205 | 20 | 769,138 |
| UA6XIS | 1033 | 2247 | 73 | 234 | 32 | 761,733 |
| SO9UM | 889 | 2035 | 83 | 227 | 58 | 748,880 |
| YBSBO | 839 | 2471 | 78 | 192 | 33 | 748,713 |
| YV5AA | 668 | 1975 | 66 | 163 | 128 | 705,075 |
| LA6JA | 918 | 2056 | 73 | 206 | 56 | 688,760 |
| UA90G | 926 | 2251 | 64 | 176 | 22 | 678,842 |
| W6GJ | 1027 | 2544 | 81 | 258 | 142 | 809,968 |
| GOZEE | 838 | 1932 | 69 | 199 | 74 | 660,744 |
| WA1EHK | 711 | 1731 | 81 | 204 | 95 | 657,780 |
| 4X6UJ | 751 | 2163 | 66 | 217 | 15 | 644,574 |
| VA3PL | 687 | 1838 | 71 | 195 | 78 | 632,272 |
| RA9AU | 864 | 2476 | 66 | 178 | 11 | 631,380 |
| K0IH | 744 | 1803 | 71 | 186 | 89 | 623,838 |
| DL1EFD | 705 | 1703 | 72 | 201 | 88 | 614,783 |
| OH7LND | 882 | 2030 | 65 | 182 | 46 | 594,790 |
| UA9AF5 | 809 | 2303 | 60 | 192 | 4 | 589,568 |
| OK1FFS | 695 | 1663 | 76 | 206 | 68 | 582,050 |
| VE3GS | 668 | 1709 | 69 | 173 | 97 | 579,351 |
| OU1DX | 658 | 1599 | 81 | 219 | | |

| | | | | | | | | | | | | | |
|------------|-----|-------|----|-----|-----|---------|----------|-----|-----|----|-----|----|--------|
| F6FTB | 406 | 973 | 50 | 138 | 46 | 227,682 | JATLMZ | 212 | 578 | 55 | 90 | 20 | 95,370 |
| SM5UFB | 504 | 1130 | 43 | 126 | 31 | 226,000 | AB5C | 216 | 455 | 58 | 88 | 61 | 94,185 |
| HB9AWS | 408 | 974 | 50 | 127 | 52 | 223,046 | KE5OG | 264 | 503 | 52 | 70 | 64 | 93,558 |
| K9WXX | 436 | 760 | 66 | 123 | 99 | 218,880 | NTUZ | 228 | 519 | 43 | 94 | 41 | 92,382 |
| KM6Z | 479 | 823 | 61 | 102 | 99 | 215,626 | ISWNN | 259 | 584 | 42 | 106 | 8 | 91,104 |
| G3KNU | 378 | 903 | 55 | 135 | 47 | 214,011 | OK2SPD | 323 | 717 | 31 | 93 | 2 | 90,342 |
| SM6BSK | 426 | 971 | 51 | 149 | 20 | 213,620 | SP2IW | 213 | 512 | 46 | 103 | 26 | 89,600 |
| UA3OJJ | 465 | 1046 | 49 | 138 | 17 | 213,384 | W4T1J | 229 | 486 | 49 | 95 | 39 | 88,938 |
| N3VEA | 384 | 845 | 55 | 122 | 75 | 212,940 | OZ1JTE | 233 | 544 | 45 | 110 | 8 | 88,672 |
| K8B | 358 | 845 | 55 | 122 | 75 | 212,940 | L40DK | 238 | 550 | 38 | 102 | 21 | 88,560 |
| W1HY | 347 | 878 | 54 | 141 | 46 | 211,598 | DJ6JH | 238 | 550 | 40 | 97 | 22 | 87,450 |
| N6PC | 458 | 810 | 60 | 99 | 101 | 210,600 | OD5NU | 259 | 765 | 29 | 78 | 7 | 87,210 |
| UA9CR | 376 | 1041 | 50 | 141 | 9 | 208,200 | UU7JN | 226 | 545 | 42 | 99 | 17 | 86,110 |
| JAT1BK | 357 | 893 | 74 | 125 | 34 | 208,069 | SP3D0F | 249 | 583 | 43 | 93 | 11 | 85,701 |
| NT0F | 402 | 811 | 57 | 123 | 75 | 206,805 | WD4GBW | 207 | 545 | 33 | 95 | 28 | 85,020 |
| DK3VN | 408 | 1061 | 45 | 93 | 56 | 205,834 | UTSUKY | 215 | 488 | 48 | 112 | 12 | 83,936 |
| OK1FH | 389 | 906 | 59 | 135 | 33 | 205,662 | GM3MZ | 243 | 541 | 41 | 101 | 12 | 83,314 |
| OK2BMC | 479 | 1042 | 46 | 141 | 10 | 205,274 | RV3BO | 235 | 517 | 44 | 111 | 6 | 83,237 |
| DL1DWT | 382 | 881 | 56 | 131 | 46 | 205,273 | PY2IQ | 191 | 535 | 45 | 75 | 35 | 82,925 |
| SP4CJA | 388 | 978 | 49 | 135 | 25 | 204,402 | KU8E | 196 | 449 | 45 | 98 | 39 | 81,718 |
| SP5MBO | 372 | 874 | 57 | 147 | 29 | 203,642 | DL5MEV | 184 | 461 | 54 | 87 | 36 | 81,597 |
| SP3DSC | 395 | 920 | 55 | 133 | 31 | 201,480 | GS3NU | 254 | 553 | 37 | 96 | 14 | 81,291 |
| SP6EYI | 341 | 848 | 60 | 137 | 40 | 200,976 | IV3KSE | 204 | 517 | 39 | 83 | 35 | 81,169 |
| IK2ZAH | 346 | 882 | 49 | 118 | 54 | 194,922 | AB9KZ | 204 | 422 | 51 | 87 | 54 | 81,024 |
| DUT7/G4DUM | 413 | 1229 | 46 | 93 | 19 | 194,182 | Y04CVV | 250 | 569 | 32 | 99 | 11 | 80,798 |
| SB7T | 373 | 827 | 57 | 123 | 27 | 193,710 | G6G5Y | 217 | 517 | 20 | 87 | 20 | 80,652 |
| OH20C | 352 | 866 | 50 | 124 | 51 | 193,500 | V51DJMSO | 205 | 608 | 38 | 74 | 20 | 80,256 |
| K7BTW | 392 | 831 | 63 | 89 | 80 | 192,792 | VE4YU | 214 | 527 | 39 | 67 | 46 | 80,104 |
| WW6RY | 406 | 793 | 62 | 94 | 84 | 190,320 | W2JU | 198 | 429 | 47 | 91 | 48 | 79,794 |
| YB5OZ | 430 | 1273 | 42 | 95 | 12 | 189,777 | YU1LM | 223 | 517 | 41 | 90 | 23 | 79,618 |
| DJ2YE | 375 | 850 | 46 | 134 | 42 | 188,700 | DL5JWL | 220 | 490 | 39 | 101 | 21 | 78,890 |
| OR5A | 371 | 890 | 50 | 117 | 44 | 187,790 | K7VIT | 215 | 445 | 50 | 64 | 62 | 78,320 |
| UA4AL | 430 | 909 | 47 | 149 | 8 | 185,436 | W5PUF | 189 | 432 | 47 | 89 | 42 | 76,896 |
| DJ1DQ | 328 | 806 | 57 | 136 | 8 | 185,380 | UA9FGJ | 199 | 564 | 34 | 99 | 3 | 76,704 |
| EA7AUR | 419 | 949 | 36 | 112 | 44 | 184,940 | VE5XUS | 299 | 491 | 42 | 63 | 51 | 76,596 |
| VY1ST | 351 | 809 | 54 | 78 | 91 | 180,407 | JH1ECF | 190 | 531 | 45 | 84 | 15 | 76,464 |
| RW3WR | 387 | 860 | 52 | 151 | 4 | 178,020 | UA10MS | 212 | 496 | 44 | 105 | 5 | 76,384 |
| WF5E | 317 | 737 | 58 | 125 | 58 | 177,617 | EA2BNU | 182 | 450 | 43 | 91 | 34 | 75,600 |
| UA6LJB | 389 | 878 | 48 | 133 | 19 | 175,600 | VE3UKR | 209 | 514 | 34 | 80 | 33 | 75,558 |
| HK3SCP | 267 | 782 | 50 | 98 | 75 | 174,386 | M0BDQ | 268 | 588 | 28 | 86 | 14 | 75,264 |
| JK1OK | 323 | 789 | 75 | 121 | 25 | 174,369 | RW4LO | 155 | 430 | 50 | 102 | 23 | 75,250 |
| UT0SE | 421 | 908 | 47 | 134 | 8 | 173,288 | NK4WJ | 170 | 421 | 46 | 103 | 29 | 74,938 |
| EA8G3 | 358 | 1068 | 38 | 107 | 16 | 172,100 | OK5MM | 193 | 477 | 77 | 62 | 48 | 74,887 |
| VA6MM | 322 | 745 | 56 | 84 | 91 | 172,095 | DG5GTI | 229 | 507 | 35 | 99 | 13 | 74,529 |
| DM5JBN | 379 | 860 | 47 | 137 | 14 | 170,280 | RA4HL | 214 | 489 | 43 | 104 | 5 | 74,328 |
| UT5SE | 416 | 896 | 49 | 133 | 8 | 170,240 | DL1XJ | 247 | 549 | 32 | 85 | 18 | 74,115 |
| IT9ORA | 329 | 813 | 49 | 110 | 48 | 168,291 | YL2PJ | 198 | 504 | 42 | 88 | 14 | 72,576 |
| UA0LKO | 364 | 875 | 65 | 103 | 20 | 165,064 | UA3QIX | 210 | 482 | 39 | 101 | 9 | 71,818 |
| OK1DKO | 306 | 755 | 55 | 126 | 34 | 162,325 | OE1KTS | 182 | 441 | 47 | 96 | 19 | 71,442 |
| JAZXB | 280 | 779 | 65 | 106 | 35 | 160,474 | YB0JIV | 230 | 668 | 35 | 62 | 9 | 70,808 |
| CZ2JP | 383 | 852 | 54 | 124 | 49 | 159,919 | SM7U | 191 | 469 | 41 | 82 | 26 | 69,881 |
| K4VD | 319 | 645 | 50 | 120 | 72 | 156,090 | YU3DXY | 218 | 582 | 38 | 78 | 4 | 69,840 |
| MM0CPZ | 317 | 763 | 45 | 124 | 35 | 155,652 | PA3HGF | 193 | 446 | 37 | 91 | 28 | 69,576 |
| RA3PAR | 382 | 843 | 43 | 136 | 5 | 155,112 | PP7ZZ | 168 | 486 | 37 | 60 | 46 | 69,498 |
| W0SM | 397 | 722 | 42 | 87 | 82 | 152,342 | WN1X | 177 | 405 | 43 | 88 | 39 | 68,850 |
| DK1AW | 293 | 704 | 54 | 124 | 8 | 152,064 | IK2AUK | 180 | 424 | 46 | 87 | 29 | 68,688 |
| B0GAAL | 398 | 1054 | 37 | 106 | 0 | 150,722 | W8JWN | 180 | 394 | 50 | 92 | 32 | 68,556 |
| JH3CUL | 291 | 733 | 70 | 118 | 16 | 149,532 | SN9A | 207 | 475 | 42 | 102 | 0 | 68,400 |
| SP3GAX | 312 | 732 | 64 | 111 | 34 | 149,362 | K4ZCYN | 194 | 469 | 41 | 82 | 49 | 67,996 |
| PA3CDN | 319 | 734 | 48 | 122 | 31 | 147,534 | RX9JIM | 201 | 549 | 34 | 88 | 0 | 66,978 |
| T1ZAK | 354 | 839 | 38 | 67 | 70 | 146,825 | N3XL | 164 | 409 | 42 | 93 | 28 | 66,667 |
| SP3GTS | 307 | 730 | 47 | 124 | 30 | 146,730 | IV3FIN | 200 | 453 | 38 | 89 | 19 | 66,138 |
| 9H3MIR | 353 | 806 | 44 | 119 | 19 | 146,692 | E19ES | 207 | 480 | 36 | 86 | 15 | 65,760 |
| EW7EW | 413 | 930 | 39 | 102 | 16 | 146,010 | RA3NZ | 210 | 474 | 34 | 97 | 7 | 65,412 |
| RUPY7 | 327 | 880 | 45 | 117 | 3 | 145,200 | Y07ARY | 210 | 462 | 36 | 99 | 5 | 64,680 |
| KATC | 299 | 699 | 44 | 111 | 0 | 143,295 | DL5ASK | 166 | 418 | 44 | 90 | 20 | 64,372 |
| JAZCY | 275 | 705 | 52 | 108 | 29 | 142,926 | KB1BKD | 185 | 426 | 36 | 96 | 34 | 64,326 |
| N2LK | 289 | 597 | 52 | 118 | 65 | 140,295 | G1DJJ | 237 | 516 | 32 | 86 | 6 | 63,984 |
| PY2SRB | 308 | 894 | 37 | 68 | 51 | 139,464 | SP7TEX | 166 | 420 | 42 | 86 | 24 | 63,840 |
| VE3NE | 291 | 665 | 54 | 81 | 74 | 138,985 | DC0KS | 188 | 442 | 39 | 89 | 16 | 63,648 |
| VK3KE | 264 | 770 | 58 | 96 | 26 | 138,600 | KE3D | 187 | 361 | 45 | 68 | 61 | 62,814 |
| OH0JV | 355 | 781 | 47 | 130 | 0 | 138,237 | DH1OK | 175 | 427 | 38 | 82 | 27 | 62,769 |
| DL2AL | 322 | 730 | 46 | 112 | 29 | 136,510 | OH7JJT | 235 | 520 | 34 | 80 | 6 | 62,400 |
| KAF3FN | 264 | 600 | 50 | 112 | 63 | 135,000 | K5AWA | 150 | 377 | 47 | 92 | 23 | 61,074 |
| DL6R8H | 304 | 714 | 44 | 110 | 35 | 134,946 | J9RLX | 160 | 434 | 51 | 70 | 18 | 60,326 |
| LZ2GII | 336 | 734 | 42 | 116 | 25 | 134,322 | FAEUN | 197 | 440 | 35 | 89 | 13 | 60,280 |
| IK3ITB | 289 | 710 | 49 | 108 | 31 | 133,480 | Y09JIM | 238 | 552 | 33 | 66 | 10 | 60,168 |
| MM0ODR | 319 | 714 | 39 | 120 | 27 | 132,804 | SP6BEN | 134 | 362 | 52 | 84 | 28 | 59,368 |
| HB9DWL | 290 | 705 | 46 | 114 | 27 | 132,396 | WD9DZV | 150 | 425 | 40 | 96 | 3 | 59,075 |
| RA3TE | 295 | 715 | 52 | 131 | 1 | 132,112 | RW4FE | 150 | 388 | 43 | 93 | 15 | 58,588 |
| JAT1XUY | 251 | 635 | 78 | 107 | 23 | 132,080 | RA4LK | 151 | 387 | 41 | 98 | 12 | 58,437 |
| PA3GHF | 329 | 728 | 39 | 116 | 23 | 129,584 | KC8GCR | 174 | 383 | 37 | 80 | 35 | 58,216 |
| KE5K | 261 | 598 | 57 | 108 | 58 | 129,340 | K0TG | 194 | 359 | 41 | 68 | 53 | 58,158 |
| CT2GRF | 272 | 658 | 44 | 112 | 40 | 128,968 | EA4Y | 172 | 350 | 45 | 71 | 50 | 58,100 |
| VE3FH | 261 | 614 | 44 | 95 | 68 | 127,098 | F60BD | 210 | 457 | 33 | 89 | 3 | 57,125 |
| ON5SV | 288 | 685 | 46 | 102 | 37 | 126,725 | I7PXV | 152 | 398 | 38 | 73 | 32 | 56,914 |
| PA0LUO | 249 | 624 | 56 | 113 | 34 | 126,372 | DH2PL | 161 | 387 | 43 | 89 | 15 | 56,889 |
| RN4SS | 334 | 689 | 38 | 139 | 5 | 125,998 | LA0FA | 145 | 371 | 41 | 85 | 27 | 56,763 |
| K1DAN | 307 | 607 | 47 | 91 | 68 | 125,042 | RK3DSW | 201 | 450 | 30 | 96 | 0 | 56,700 |
| ON4KGL | 300 | 706 | 44 | 106 | 27 | 124,962 | IK3VUB | 205 | 445 | 30 | 90 | 7 | 56,515 |
| F5RD | 308 | 706 | 44 | 106 | 27 | 124,962 | OK1KLE | 193 | 431 | 30 | 79 | 21 | 56,000 |
| RW6HJLV6 | 365 | 772 | 42 | 113 | 6 | 124,292 | SP8FPK | 172 | 391 | 39 | 85 | 19 | 55,913 |
| ER3ZZ | 279 | 666 | 54 | 109 | 22 | 123,210 | KASEYH | 212 | 361 | 39 | 56 | 59 | 55,594 |
| G3RSD | 294 | 656 | 40 | 112 | 35 | 122,672 | WB2WPM | 169 | 440 | 35 | 71 | 19 | 55,000 |
| UT5ULB | 255 | 622 | 55 | 125 | 16 | 121,912 | WABSDA | 164 | 346 | 39 | 70 | 49 | 54,668 |
| UT5UML | 266 | 636 | 51 | 124 | 15 | 120,840 | EA5ETP | 172 | 417 | 36 | 77 | 17 | 54,210 |
| HB9DQC | 257 | 679 | 41 | 91 | 45 | 120,183 | DL1NUB | 154 | 388 | 42 | 68 | 29 | 53,932 |
| DC7LOS | 215 | 585 | 59 | 104 | 41 | 119,340 | EA7EYQ | 159 | 396 | 38 | 85 | 13 | 53,856 |
| UX2ZA | 286 | 659 | 47 | 126 | 6 | 119,279 | J08AEB | 147 | 412 | 41 | 71 | 16 | 52,736 |
| G4BYG | 275 | 646 | 47 | 110 | 27 | 118,864 | UY2JU | 164 | 375 | 40 | 85 | 15 | 52,500 |
| K4KO | 252 | 566 | 51 | 106 | 53 | 118,860 | US0AK | 164 | 388 | 33 | 74 | 28 | 52,380 |
| N7DB | 296 | 599 | 61 | 75 | 62 | 118,602 | RV1AO | 177 | 382 | 33 | 96 | 1 | 51,992 |
| KJ7NO | 280 | 509 | 59 | 84 | 87 | 117,070 | NC6P | 197 | 338 | 42 | 45 | 66 | 51,714 |
| K4TZZ | 253 | 653</ | | | | | | | | | | | |

TOP SCORES

Single Op High Power

| | | | |
|------------------------|-----------|---------------|-----------|
| S50A (Op: S57AW) | 4,017,788 | UA9MA/9 | 2,152,500 |
| 9A5W | 3,885,759 | AB5K | 2,049,743 |
| JH4UYB | 2,571,270 | | |

Single Op Low Power

| | | | |
|-------------------------|-----------|-------------------------|-----------|
| ZX2B (Op: PY2MNL) | 3,041,031 | L2ZBE | 1,995,500 |
| CN8KD | 2,584,905 | A45WD (Op: YO9HP) | 1,881,115 |
| LZ9W (Op: LZ2HM) | 2,131,225 | | |

Single Op Assisted

| | | | |
|------------------------|-----------|-------------|-----------|
| LY2IJ | 3,436,290 | UT2UZ | 2,278,100 |
| RD3A | 3,205,020 | K4GMH | 2,202,192 |
| EO7Q (Op: UT7QF) | 2,797,254 | | |

Multi-Op Single Transmitter High Power

| | | | |
|----------------|-----------|--------------|-----------|
| UU7J | 4,299,482 | LN8W | 2,690,778 |
| HA80IARU | 3,940,288 | UA9AYA | 2,671,031 |
| RL3A | 3,666,808 | | |

Multi-Op Single Transmitter Low Power

| | | | |
|--------------|-----------|--------------|---------|
| K1TTT | 3,177,108 | OM3RJB | 988,838 |
| UT3HWW | 1,059,576 | 9A7O | 884,061 |
| KP2D | 1,014,344 | | |

Multi-Op Two Transmitter

| | | | |
|------------|------------|----------------|-----------|
| HC8N | 10,247,580 | 4O310SKY | 4,435,354 |
| RU1A | 4,914,399 | PI4COM | 3,454,656 |
| KI1G | 4,448,080 | | |

Multi-Op Multi-Transmitter

| | | | |
|--------------|-----------|------------|-----------|
| A61AJ | 8,477,014 | Z37M | 3,993,120 |
| PJ2B | 4,995,536 | OH3K | 2,194,500 |
| RK2FWA | 4,554,435 | | |

Single Operator

3.5 MHz

| | | | |
|--------------------------|---------|-------------------------|---------|
| S45E | 154,845 | OL5T (Op: OK1TNN) | 111,530 |
| NB1B | 124,124 | EU1AZ | 82,713 |
| IQ1RY (Op: IK1HXN) | 120,890 | | |

7.0 MHz

| | | | |
|-------------------------|---------|-------------------------|---------|
| 7X0RY (Op: OK1DF) | 495,537 | SN7Q (Op: SP7GIQ) | 385,503 |
| IY4W (Op: IK4MHB) | 462,840 | KH6ND | 339,900 |
| CT3EN | 396,800 | | |

14 MHz

| | | | |
|--------------------------|---------|--------------------------|---------|
| CT3IA | 750,618 | ET3TK (Op: OK1FIA) | 653,975 |
| D44AC (Op: IV3SKB) | 733,126 | YT2R (Op: YU1AU) | 634,311 |
| XM6WQ | 710,520 | | |

21 MHz

| | | | |
|-------------------------|---------|------------------------|---------|
| CT3KY | 753,830 | LV5V (Op: LU5VV) | 515,430 |
| ZV5R (Op: IV3NVN) | 650,700 | 9A5Y (Op: 9A3AL) | 474,050 |
| ZC4LI | 611,087 | | |

28 MHz

| | | | |
|------------------------|---------|--------------|--------|
| LU1HF | 285,576 | JA6WJL | 10,192 |
| LU5FI | 62,720 | UT1IA | 6,909 |
| KH7X (Op: KH6ND) | 43,296 | | |

| | | | | | | |
|----------|----|-----|----|----|----|--------|
| DL1EJD | 81 | 188 | 21 | 37 | 2 | 11,280 |
| SMRLD | 70 | 153 | 21 | 50 | 2 | 11,169 |
| RW3AI | 70 | 153 | 22 | 47 | 2 | 10,863 |
| RW4NH | 48 | 133 | 31 | 39 | 9 | 10,507 |
| EA4DOX | 56 | 134 | 27 | 43 | 6 | 10,184 |
| K4OEIC | 63 | 120 | 28 | 30 | 24 | 9,840 |
| K4EVH | 64 | 148 | 18 | 35 | 13 | 9,768 |
| W2QO | 77 | 120 | 20 | 27 | 34 | 9,720 |
| AA0CV/3 | 62 | 152 | 17 | 34 | 12 | 9,576 |
| URSJDY | 55 | 176 | 26 | 35 | 2 | 9,576 |
| WA4FX | 54 | 147 | 20 | 40 | 5 | 9,555 |
| 9A5YY | 55 | 128 | 27 | 39 | 7 | 9,344 |
| W4RO | 55 | 127 | 26 | 37 | 9 | 9,144 |
| K0HW | 69 | 106 | 22 | 25 | 36 | 8,798 |
| EA4CRP | 60 | 131 | 19 | 40 | 5 | 8,384 |
| AE4EC | 54 | 114 | 24 | 33 | 16 | 8,322 |
| DM2EHE | 52 | 132 | 17 | 31 | 12 | 7,920 |
| UA3XAC | 41 | 114 | 25 | 30 | 12 | 7,638 |
| VETLLH | 49 | 110 | 23 | 22 | 22 | 7,370 |
| IT1DXS | 49 | 127 | 21 | 31 | 6 | 7,366 |
| N8IE | 49 | 100 | 24 | 29 | 19 | 7,200 |
| PA5O | 45 | 118 | 26 | 32 | 1 | 6,962 |
| M3GBQ | 57 | 119 | 14 | 40 | 2 | 6,664 |
| W8UM | 54 | 108 | 20 | 25 | 16 | 6,588 |
| SP1DTG | 38 | 102 | 25 | 33 | 6 | 6,528 |
| N3RJV | 55 | 110 | 25 | 27 | 16 | 6,490 |
| LUSFF | 45 | 115 | 20 | 27 | 8 | 6,325 |
| SM6WET | 47 | 111 | 18 | 32 | 4 | 5,994 |
| PA0FAW | 56 | 117 | 14 | 35 | 0 | 5,733 |
| OZ1DGO | 42 | 111 | 15 | 24 | 11 | 5,550 |
| DJ1WQ | 47 | 107 | 14 | 29 | 8 | 5,457 |
| SA1A | 37 | 89 | 22 | 31 | 0 | 4,717 |
| W6KNB | 47 | 83 | 12 | 14 | 24 | 4,150 |
| UA1JAD | 45 | 99 | 13 | 25 | 3 | 4,059 |
| K0GLJ | 40 | 81 | 17 | 13 | 13 | 3,807 |
| N3CZ | 43 | 76 | 16 | 20 | 14 | 3,800 |
| Y05TP | 39 | 95 | 16 | 24 | 0 | 3,800 |
| UT8IO | 55 | 108 | 7 | 26 | 1 | 3,672 |
| K0REL | 40 | 64 | 16 | 16 | 23 | 3,520 |
| JQ1AHZ/6 | 32 | 84 | 17 | 20 | 4 | 3,444 |
| DL1DTC | 33 | 81 | 18 | 22 | 1 | 3,321 |
| J1BAS | 32 | 80 | 18 | 23 | 0 | 3,280 |
| W3WJ | 32 | 70 | 20 | 23 | 2 | 3,080 |
| JR3JUC | 27 | 66 | 18 | 23 | 0 | 2,706 |
| KX7L | 26 | 47 | 15 | 14 | 24 | 2,021 |
| SP3JA | 27 | 61 | 8 | 18 | 0 | 1,586 |
| KZDI | 20 | 54 | 12 | 15 | 2 | 1,566 |
| PT8CWA | 15 | 41 | 13 | 14 | 1 | 1,148 |
| AB0OX | 13 | 36 | 7 | 11 | 1 | 684 |
| ALET | 17 | 29 | 7 | 7 | 7 | 667 |
| JRTUM0 | 12 | 31 | 10 | 10 | 0 | 620 |
| JA6VAT | 13 | 38 | 6 | 7 | 1 | 532 |
| OH2LZ | 12 | 25 | 4 | 9 | 0 | 325 |
| JH4GLG | 15 | 24 | 4 | 4 | 3 | 264 |
| SP6BSL | 1 | 3 | 1 | 1 | 0 | 6 |

Single Operator All Band High Power

| | | | | | | |
|-----------|------|------|-----|-----|-----|-----------|
| S50A | 2489 | 6268 | 121 | 359 | 161 | 4,017,788 |
| 9A5W | 2411 | 6602 | 122 | 368 | 147 | 3,885,759 |
| JH4UYB | 1855 | 5205 | 114 | 271 | 109 | 2,571,270 |
| UA9MA/9 | 1782 | 5125 | 89 | 265 | 66 | 2,152,500 |
| AB5K | 1910 | 4027 | 103 | 237 | 169 | 2,049,743 |
| K1CWC | 1765 | 3934 | 103 | 252 | 158 | 2,018,142 |
| UP6P | 1703 | 4788 | 97 | 276 | 46 | 2,006,172 |
| VE1OP | 1599 | 3995 | 84 | 258 | 156 | 1,989,510 |
| EA1AKS | 1587 | 3869 | 95 | 260 | 132 | 1,884,203 |
| 9A5Y | 1689 | 3899 | 100 | 295 | 67 | 1,814,234 |
| UZ7U | 1541 | 3599 | 97 | 287 | 85 | 1,687,931 |
| N4ZZ | 1670 | 3901 | 81 | 211 | 137 | 1,673,529 |
| DP5M | 1354 | 3366 | 96 | 265 | 116 | 1,605,582 |
| KG4OX | 1422 | 3553 | 87 | 194 | 165 | 1,584,638 |
| W3FV | 1437 | 3667 | 72 | 213 | 120 | 1,485,135 |
| PJ7/K7ZUM | 1298 | 3305 | 76 | 212 | 161 | 1,483,945 |
| AD4EB | 1379 | 3021 | 93 | 239 | 141 | 1,428,933 |
| 9M2CC | 1516 | 4153 | 90 | 218 | 35 | 1,424,479 |
| UA4LCQ/3 | 1306 | 3746 | 87 | 254 | 35 | 1,408,496 |
| KM4M | 1177 | 3102 | 68 | 204 | 103 | 1,163,250 |
| DJ6QT | 983 | 2543 | 90 | 230 | 104 | 1,078,232 |
| VR2BG | 1128 | 2844 | 112 | 218 | 45 | 1,066,500 |
| ZL2AMI | 966 | 2855 | 91 | 177 | 95 | 1,036,365 |
| YL9T | 1172 | 2692 | 84 | 238 | 55 | 1,014,884 |
| JM1XCW | 976 | 2708 | 96 | 190 | 87 | 1,010,084 |
| SP3GXH | 983 | 2425 | 82 | 228 | 105 | 1,006,375 |
| K3SV | 1009 | 2452 | 76 | 209 | 117 | 985,704 |
| DJ3NG | 969 | 2421 | 76 | 225 | 101 | 973,242 |
| WW7OR | 1185 | 2505 | 86 | 162 | 136 | 961,920 |
| SV1CER | 1080 | 2479 | 84 | 229 | 74 | 959,373 |
| RA6DE | 1121 | 2577 | 81 | 227 | 64 | 958,644 |
| RD4WA | 1241 | 2742 | 79 | 235 | 21 | 918,570 |
| SV9FBM | 1325 | 2984 | 66 | 198 | 43 | 916,088 |
| W7YU | 1137 | 2947 | 82 | 149 | 144 | 914,447 |
| AY8A | 796 | 2287 | 86 | 189 | 111 | 882,782 |
| EA3RH | 1067 | 2487 | 71 | 201 | 73 | 858,015 |
| JA7IC | 855 | 2399 | 92 | 199 | 64 | 851,645 |
| K0FX | 958 | 2041 | 94 | 198 | 120 | 840,892 |
| DL5WG | 767 | 1895 | 94 | 244 | 95 | 820,535 |
| 9M6/G300K | 998 | 2950 | 71 | 170 | 29 | 796,500 |
| EA3LF | 826 | 1991 | 78 | 208 | 89 | 746,625 |
| KH6ZM | 826 | 2442 | 72 | 96 | 129 | 725,274 |
| RN3CZ | 955 | 2228 | 83 | 204 | 38 | 724,100 |
| W2JYE | 811 | 1974 | 78 | 187 | 95 | 710,640 |
| JT1CO | 971 | 2519 | 71 | 160 | 39 | 680,130 |
| K7RL | 943 | 2039 | 69 | 134 | 125 | 668,792 |
| UN6G | 861 | 2309 | 70 | 204 | 11 | 666,615 |
| DC3HB | 825 | 1897 | 73 | 206 | 63 | 648,774 |
| DJ3HW | 578 | 1521 | 85 | 237 | 92 | 629,694 |
| UA0HJ | 969 | 2091 | 68 | 208 | 21 | 621,027 |
| ESAA | 1016 | 2372 | 58 | 154 | 44 | 607,232 |
| G0M1N | 871 | 1889 | 67 | 182 | 70 | 602,591 |
| RW9TX | 815 | 2240 | 74 | 185 | 9 | 600,320 |
| RX3LB | 799 | 1811 | 71 | 215 | 45 | 599,441 |
| VEZRY | 1159 | 3177 | 33 | 102 | 45 | 571,860 |
| US0MM | 973 | 2124 | 59 | 165 | 43 | 567,108 |
| DL7VE | 540 | 1343 | 91 | 246 | 76 | 554,659 |
| SM5FUG | 683 | 1688 | 95 | 181 | 65 | 541,848 |
| KTAGE | 739 | 1600 | 80 | 149 | 107 | 537,600 |
| YO9LA | 802 | 2384 | 56 | 119 | 47 | 529,248 |
| H9CAL | 643 | 1612 | 70 | 178 | 64 | 502,944 |
| RA0QD | 767 | 1971 | 68 | 156 | 30 | 500,634 |
| KH6GMP | 694 | 2044 | 64 | 90 | 87 | 492,604 |
| PG3N | 720 | 1679 | 60 | 165 | 67 | 490,268 |
| W1RY | 631 | 1536 | 67 | 177 | 74 | 488,448 |
| DF3IS | 649 | 1571 | 67 | 164 | 72 | 476,619 |
| KTAGE | 632 | 1483 | 68 | 182 | 63 | 464,179 |
| WA7LWN | 680 | 1338 | 79 | 145 | 111 | 448,230 |
| WX4TM | 652 | 1462 | 63 | 145 | 98 | 447,372 |
| W6HGG | 537 | 1267 | 74 | 174 | 95 | 434,581 |
| YL2NN | 710 | 1622 | 63 | 176 | 28 | 433,074 |
| YL2CI | 683 | 1560 | 60 | 182 | 32 | 427,440 |
| KD7GTI | 627 | 1424 | 72 | 128 | 96 | 421,504 |
| UN5J | 582 | 1604 | 68 | 165 | 29 | 420,248 |

| | | | | | | |
|----------|-----|------|----|-----|-----|---------|
| EA6LP | 620 | 1467 | 61 | 156 | 69 | 419,562 |
| UN2E | 585 | 1673 | 62 | 173 | 9 | 411,558 |
| XQ1VLY | 667 | 1963 | 57 | 84 | 66 | 406,341 |
| JA8TR | 593 | 1540 | 73 | 141 | 49 | 405,020 |
| N6QQ | 592 | 1235 | 78 | 149 | 100 | 403,845 |
| K5ZD | 541 | 1297 | 57 | 155 | 88 | 389,100 |
| YU15ARDF | 573 | 1347 | 61 | 162 | 61 | 382,548 |
| N6KXX | 598 | 1222 | 69 | 128 | 98 | 360,490 |
| W4UK | 678 | 1200 | 58 | 109 | 129 | 355,200 |
| PA9PD | 580 | 1361 | 56 | 131 | 67 | 349,777 |
| K7ZS | 607 | 1223 | 67 | 104 | 37 | 327,764 |
| IT9JOF | 640 | 1198 | 61 | 145 | 65 | 324,658 |
| PT2BW | 454 | 1313 | 49 | 120 | 70 | 313,807 |
| K6XX | 526 | 1242 | 66 | 102 | 77 | 304,290 |
| JG1GGU | 403 | 1045 | 84 | 131 | 52 | 279,015 |
| OK2PZ | 489 | 1119 | 5 | | | |

| Single Operator 80 Meters | | | |
|---------------------------|-----|------|----|
| S54E | 646 | 1395 | 18 |
| N81B | 488 | 1001 | 19 |
| IQ1RY | 524 | 1099 | 20 |
| OL5T | 572 | 1174 | 16 |
| EU1AZ | 505 | 1047 | 12 |
| DJ6BO | 490 | 937 | 15 |
| UT21I | 406 | 851 | 20 |
| OH7XC | 420 | 875 | 17 |
| DP9N | 427 | 797 | 17 |
| UR5WCO | 364 | 742 | 11 |
| DL1LH | 344 | 644 | 12 |
| F6FJE | 317 | 633 | 9 |
| OK2SG | 249 | 510 | 11 |
| KH7U | 174 | 509 | 17 |
| H8BBE | 244 | 504 | 11 |
| V63ZF | 196 | 396 | 9 |
| S53F | 210 | 427 | 9 |
| RA6AFB | 213 | 407 | 8 |
| OM1AVK | 198 | 399 | 8 |
| DR0C | 210 | 389 | 6 |
| UT5ST | 175 | 335 | 6 |
| RW4PL | 141 | 266 | 9 |
| SM5DJZ | 109 | 222 | 8 |
| NQ4K | 98 | 119 | 7 |
| SO6NEB | 80 | 154 | 5 |
| JA6CCE | 79 | 144 | 12 |
| SV1XV | 68 | 139 | 6 |
| WA3AAN | 45 | 54 | 2 |
| N3CHX | 16 | 22 | 3 |

| Single Operator 40 Meters | | | |
|---------------------------|------|------|----|
| 7X0RY | 1125 | 3371 | 25 |
| IV4W | 1154 | 2755 | 30 |
| CT3EN | 856 | 2560 | 27 |
| SN7Q | 1044 | 2553 | 24 |
| KH6ND | 766 | 2266 | 33 |
| YU7NW | 870 | 2006 | 27 |
| IV30W | 805 | 1936 | 27 |
| GW4SKA | 756 | 1766 | 23 |
| VA3DX | 602 | 1468 | 26 |
| IV3ZXO | 806 | 1811 | 22 |
| IV3NAM | 670 | 1535 | 24 |
| K4UTE | 646 | 1421 | 28 |
| YL7A | 678 | 1547 | 26 |
| F4JRC | 654 | 1475 | 23 |
| OH2BP | 650 | 1432 | 27 |
| K4SV | 489 | 1047 | 27 |
| SP4TXI | 522 | 1153 | 26 |
| G3YVD | 582 | 1225 | 20 |
| UT4ZG | 513 | 1117 | 25 |
| W0GJ | 450 | 889 | 29 |
| OK1DIB | 503 | 1100 | 18 |
| 4M5F | 349 | 1024 | 19 |
| W1TY | 468 | 826 | 22 |
| UA3SAQ | 390 | 838 | 22 |
| AA4VW | 262 | 585 | 20 |
| CT3KN | 231 | 687 | 16 |
| ON5KO | 305 | 666 | 17 |
| UN2F | 359 | 760 | 14 |
| UT5EPP | 360 | 766 | 15 |
| SM3JUR | 313 | 664 | 20 |
| I2NKR | 289 | 628 | 18 |
| AA5AU | 291 | 471 | 20 |
| RZ3AV | 281 | 586 | 20 |
| LA2U | 259 | 557 | 17 |
| US0ZH | 260 | 552 | 17 |
| Y07LD | 279 | 605 | 20 |
| SP9CO | 211 | 458 | 17 |
| HI1APZ | 155 | 410 | 25 |
| Y02MFA | 234 | 499 | 13 |
| OM7PY | 218 | 497 | 12 |
| RU4SS | 213 | 440 | 20 |
| RZ3AIR | 234 | 481 | 16 |
| DF1XJ | 208 | 433 | 16 |
| SP9EM1 | 191 | 431 | 19 |
| GM3SEK | 202 | 433 | 15 |
| UX6F | 231 | 474 | 11 |
| JE2OTM | 146 | 337 | 24 |
| CM2KY | 132 | 312 | 10 |
| UA3SBW | 177 | 317 | 15 |
| RW6LZ | 169 | 381 | 19 |
| IK1TWC | 160 | 326 | 11 |
| DL7DZ | 140 | 283 | 13 |
| SM5D | 113 | 243 | 17 |
| T94DO | 83 | 204 | 13 |
| UA0FDX | 92 | 217 | 16 |
| SP5O5J | 85 | 192 | 15 |
| CO2OT | 70 | 158 | 11 |
| Y5ADM | 61 | 173 | 11 |
| L22ZG | 90 | 196 | 11 |
| Y09HJY | 52 | 138 | 9 |
| YB2MTA | 29 | 82 | 14 |
| UR5LY | 41 | 85 | 8 |

| Single Operator 20 Meters | | | |
|---------------------------|------|------|----|
| CT3IA | 1341 | 4014 | 35 |
| D44AC | 1265 | 3779 | 34 |
| XM6WQ | 1428 | 3720 | 35 |
| ET3TK | 1249 | 3737 | 32 |
| Y1Z9 | 1329 | 3321 | 35 |
| EY8MM | 1164 | 3338 | 36 |
| IQ2CJ | 1154 | 2958 | 36 |
| IT9ZGY | 1260 | 3054 | 35 |
| 9A2DQ | 1082 | 2755 | 36 |
| LY3BH | 1110 | 2834 | 34 |
| TKP5CWU | 1068 | 2589 | 32 |
| IV3HAX | 991 | 2496 | 35 |
| IT39TX | 973 | 2393 | 30 |
| UR5FAV | 900 | 2100 | 34 |
| SV1JMO | 947 | 2158 | 30 |
| UA0CA | 798 | 2128 | 34 |
| HK3WCO | 675 | 2000 | 31 |
| AB8K | 771 | 1959 | 36 |
| OH8JT | 811 | 1901 | 33 |
| ON4ADZ | 671 | 1722 | 31 |
| S58F | 728 | 1791 | 31 |
| 4M5RY | 562 | 1655 | 30 |
| S53S | 661 | 1650 | 30 |
| S51CK | 623 | 1537 | 33 |
| PY2NY | 586 | 1738 | 26 |
| OH7MN | 748 | 1679 | 28 |
| SV3FUP | 739 | 1628 | 24 |
| JH7XGN | 491 | 1362 | 31 |
| IE3AD | 505 | 1319 | 31 |
| UO1D | 528 | 1467 | 27 |
| E4EJP | 577 | 1345 | 26 |
| UN7JX | 474 | 1334 | 29 |
| W4LC | 458 | 1120 | 31 |
| E42RY | 494 | 1151 | 28 |
| T97J | 512 | 1177 | 26 |

| | | | |
|-----------|-----|------|----|
| I2ADZD | 418 | 1028 | 30 |
| MW2I | 477 | 1151 | 21 |
| OM6RK | 392 | 950 | 31 |
| RA9FX | 462 | 1284 | 26 |
| 7K40OK | 353 | 971 | 30 |
| EABANE | 471 | 1409 | 23 |
| URSFGW | 466 | 1051 | 25 |
| RU2FL | 395 | 945 | 30 |
| 4L1DA | 483 | 1384 | 19 |
| EAS5FV | 389 | 898 | 26 |
| XELT | 418 | 949 | 24 |
| KX6ZK | 425 | 1236 | 20 |
| OK2PCL | 335 | 830 | 28 |
| UA0AZ | 287 | 786 | 32 |
| SP2JLR | 310 | 755 | 29 |
| W7WW | 451 | 752 | 27 |
| RZ4AG | 401 | 904 | 28 |
| G3KMQ | 322 | 771 | 24 |
| T12JCY | 298 | 717 | 25 |
| EJBRZ | 341 | 772 | 26 |
| DJ2ZC | 275 | 669 | 28 |
| WW3S | 245 | 578 | 30 |
| F8PMO | 257 | 623 | 23 |
| SASD | 233 | 558 | 23 |
| YU1JW | 250 | 614 | 24 |
| YU5ZZ | 271 | 619 | 28 |
| DL1DXF | 217 | 545 | 25 |
| EW1CO | 194 | 495 | 26 |
| RX9FG | 222 | 627 | 22 |
| EAKK | 216 | 647 | 17 |
| RW6FZ | 321 | 686 | 19 |
| YU500 | 233 | 537 | 22 |
| IN30WY2 | 217 | 511 | 22 |
| PY2BRZ | 170 | 484 | 22 |
| UX0KN | 175 | 431 | 28 |
| SM6NJK | 200 | 466 | 24 |
| LT1D | 197 | 581 | 14 |
| LZ1NYK | 237 | 529 | 19 |
| URS2MK | 209 | 476 | 23 |
| JADJZ | 173 | 416 | 21 |
| UA9TQ | 163 | 453 | 22 |
| AK0A | 213 | 372 | 24 |
| S57U | 150 | 377 | 21 |
| KL1SF | 188 | 435 | 16 |
| IØYOV | 147 | 352 | 20 |
| EAT7EY | 191 | 426 | 13 |
| VE3HG | 120 | 323 | 22 |
| JADJZ | 124 | 345 | 22 |
| HS3JAGWFM | 143 | 429 | 14 |
| YØ7BGA | 148 | 344 | 21 |
| EAT4D | 191 | 402 | 16 |
| RK0LWP | 130 | 336 | 22 |
| PA7HPH | 150 | 349 | 17 |
| I4D00 | 143 | 334 | 15 |
| E4AZB | 160 | 355 | 15 |
| RV3APM | 132 | 307 | 18 |
| RN6FZ | 226 | 470 | 11 |
| OH9G1T | 119 | 276 | 18 |
| CT1A0Z | 100 | 231 | 19 |
| SP3ANS | 107 | 263 | 19 |
| SP3LGF | 101 | 244 | 16 |
| OM4TC | 131 | 291 | 14 |
| RV3DCK | 100 | 232 | 18 |
| K4ZTL | 79 | 206 | 20 |
| BG1AQH | 82 | 231 | 17 |
| SM6NET | 112 | 244 | 12 |
| W6ISQ | 81 | 168 | 19 |
| ON5MX | 74 | 189 | 16 |
| RV6BO | 100 | 218 | 13 |
| UA9XOD | 82 | 229 | 11 |
| JH9BWC | 69 | 196 | 28 |
| WF4W | 76 | 150 | 18 |
| US30W | 69 | 159 | 13 |
| SP4IRS | 77 | 173 | 10 |
| SP9CTS | 48 | 128 | 14 |
| N3RW | 42 | 111 | 29 |
| NABW | 46 | 97 | 16 |
| W9ILY | 57 | 103 | 13 |
| VK6APW | 37 | 104 | 13 |
| UA9AGRORP | 51 | 147 | 6 |
| OO6LY | 29 | 63 | 6 |
| F8DNX | 16 | 34 | 6 |
| DL4DAE | 18 | 38 | 4 |
| SP2DK1 | 12 | 35 | 5 |
| E43A0 | 11 | 23 | 6 |
| SM5OJ | 11 | 24 | 4 |
| DF3CSH | 9 | 20 | 4 |
| K1OW | 5 | 9 | 3 |
| URS5WDO | 4 | 10 | 4 |

| Single Operator 15 Meters | | | |
|---------------------------|------|------|----|
| CT3KY | 1416 | 4235 | 31 |
| ZV5R | 1218 | 3615 | 32 |
| ZCALI | 1329 | 3749 | 30 |
| LV5V | 1054 | 3105 | 27 |
| 9A5Y | 919 | 2495 | 34 |
| E06F | 959 | 2483 | 36 |
| 9A7R | 805 | 2241 | 34 |
| CX7BF | 831 | 2467 | 28 |
| H1JJO | 617 | 1821 | 33 |
| K4EA | 669 | 1777 | 30 |
| SV6CS | 697 | 1696 | 29 |
| OK1VSL | 614 | 1701 | 30 |
| RCMO | 674 | 1579 | 28 |
| FSMOQ | 492 | 1330 | 29 |
| JA10VD | 495 | 1378 | 33 |
| T92W | 465 | 1260 | 27 |
| WØLSD | 438 | 1059 | 29 |
| 4X6UJ | 509 | 1508 | 14 |
| EY7AF | 522 | 1447 | 20 |
| 9A2CD | 345 | 946 | 25 |
| YO3JF | 345 | 878 | 30 |
| JR3RY | 342 | 963 | 28 |
| KP4IRS | 349 | 940 | 19 |
| RA6LV | 354 | 826 | 24 |
| UAØWL | 362 | 1029 | 20 |
| H2ZNG | 270 | 794 | 19 |
| EAT7HP | 341 | 783 | 19 |
| YØLZH | 292 | 850 | 22 |
| YB7Y | 271 | 794 | 26 |
| RW6ATJ | 319 | 730 | 21 |
| UX0IK | 366 | 869 | 21 |
| YV5KXE | 222 | 637 | 20 |
| S51J | 224 | 623 | 23 |
| DL1DTL | 205 | 556 | 24 |
| RAØSF | 231 | 620 | 19 |
| YC2WBW | 209 | 614 | 26 |
| IØCM | 173 | 449 | 22 |
| UAØLM | 200 | 520 | 21 |
| JA1BPA | 146 | 388 | 29 |
| DK2GZ | 151 | 410 | 20 |
| EC8AU | 150 | 445 | 17 |
| URØR | 158 | 401 | 22 |
| JH2BTM | 136 | 378 | 29 |
| EC1DGX | 150 | 366 | 18 |
| YØ2RR | 155 | 432 | 21 |
| SP4NKJ | 108 | 307 | 20 |
| YØ1UGK | 102 | 296 | 21 |
| SP4DC | 86 | 246 | 22 |
| RK3XWD | 106 | 254 | 18 |
| DK8YL | 74 | 198 | 19 |
| IØ2CLJ | 100 | 180 | 21 |
| DL2MH | 73 | 199 | 17 |
| VK4EJ | 67 | 194 | 19 |
| ES4MM | 58 | 159 | 18 |
| UA4CC | 86 | 220 | 13 |
| DL5KUD | 47 | 137 | 15 |
| EAT7CWA | 42 | 110 | 22 |
| YØPCWY | 44 | 123 | 14 |
| VR2XLL | 46 | 109 | 10 |
| E43FAJ | 33 | 75 | 8 |
| YØ2AØB | 23 | 64 | 8 |
| JL3ØXR | 9 | 27 | 6 |
| PY4CEL | 3 | 9 | 3 |

| Single Operator High Power | | | |
|----------------------------|------|------|-----|
| UJ7 | 2813 | 8739 | 126 |
| H8ØRIAR | 2401 | 6176 | 127 |
| RL3A | 2514 | 5972 | 125 |
| LN8W | 1980 | 4857 | 108 |
| UA9AYA | 1952 | 5647 | 101 |
| RW4LY | 2083 | 4898 | 114 |
| LØ2H | 1646 | 4488 | 103 |
| HØØDL1FX | 1731 | 4183 | 92 |
| GMØX | 1652 | 4020 | 82 |

| | | | |
|--------|------|------|-----|
| OK1KSL | 1318 | 3238 | 101 |
| W6YX | 1468 | 3298 | 109 |
| 9A5D | 1567 | 3847 | 88 |
| WB9Z | 1370 | 3206 | 98 |
| ES1A | 1543 | 3592 | 91 |
| SM8RGD | 1349 | 3214 | 90 |
| VE3JB | 1663 | 2749 | 92 |
| F6KAR | 1169 | 2867 | 86 |
| GØBRC | 1176 | 2800 | 74 |
| RK3DXW | 1254 | 2860 | 84 |
| NN6AN | 1136 | 2380 | 97 |
| DP4P | 1047 | 2538 | 74 |
| DLØDX | 1044 | 2473 | 65 |
| TF4M | 1490 | 3573 | 48 |
| WAGAC | 995 | 2162 | 72 |
| VE3JB | 811 | 2183 | 80 |
| JF3ZKV | 650 | 1755 | 85 |
| KL7CQ | 827 | 2023 | 47 |
| LU1BJW | 471 | 1347 | 66 |
| OL9S | 582 | 1327 | 65 |
| UX4E | 581 | 1334 | 63 |
| SM5Z | 527 | 1208 | 61 |
| OE2S | 486 | 1276 | 57 |
| IV3HYD | 460 | 1086 | 62 |
| WØFT | 434 | 970 | 52 |
| B1Z | 480 | 1095 | 49 |
| K8IR | 174 | 374 | 42 |
| UT7AXA | 141 | 294 | 17 |

| Multi-Op Single-Transmitter Low Power | | | |
|---------------------------------------|------|------|-----|
| K1TTT | 2032 | 4972 | 116 |
| UT3HWW | 1139 | 2597 | 89 |
| KP2D | 958 | 2462 | 79 |
| OM3RJB | 1040 | 2542 | 82 |
| 9A7T | 862 | 2151 | 94 |
| N4SDS | 784 | 1629 | 60 |
| UN8F | 794 | 2314 | 48 |
| LUREGS | | | |