

# Results of the 2006 CQ WW DX CW Contest

BY BOB COX,\* K3EST

## Expanded CQ WW Contest Results on the Web

Several elements of our contest reporting are on the CQ website, including Station Operators of Multi-Op stations and expanded QRM. To view these additional and expanded elements of this year's CQ WW results, go to <http://www.cq-amateur-radio.com/cqwwhome.html>, then click on "Expanded results, 2006 CQ WW CW" and select the category you want to see. You may also get there by going to our home page at <http://www.cq-amateur-radio.com>, clicking on "Contest Rules & Info," then clicking on "CQ World Wide DX Contest" and selecting "Expanded Results, 2006 CQ WW CW."

The 2006 CQ WW DX CW Contest started off normally. Lots of activity from everywhere could be heard. Exotic stations from all over the world were filling the airwaves. The propagation then became interesting. The MUF (maximum usable frequency) dropped very low and the low bands really came alive. Look at the scores for the low bands and you will see many new records were set. This is what makes radio and contesting so much fun. You just never know what the Sun and Earth will provide. This time nature really delivered.

A new CW logs received record was set—at the bottom of the sunspot cycle! It is very remarkable that despite CW not being required now in many countries, a CW entrant in 2006 had trouble finding a clear frequency. The CQ WW attracts amateurs with many different interests: contesting, DX hunting, prefix hunting, club participation, and many more. In all cases, once you jump into the contest, it is very hard to turn off the radio. There really is activity from many more countries in the CQ WW contest than at any other time of the year.

As has been mentioned before, the CQ WW is a fantastic competition which brings out the best in amateur radio: team work, station construction, antenna projects, operating skills, and most of all fun. The CQ WW is a celebration of ham radio skill and effort. New hams and old timers who try the CQ WW often become hooked on the participation. What follows are the results of the 2006 CQ WW CW contest.

## High Power

The High Power Single Operator category forces entrants to reach down inside themselves and rise to the occasion. As it turned out, propagation favored the low bands as it rarely has in past contests. To take advantage of this unexpected windfall, each operator had to catch the right "waves." The three operators who finished at the top are all seasoned veterans. After all the log checking was completed, Jose, CT1BOH, had the

world's highest score at CT3NT. Jose seems to have found an ideal location in the Madeira Islands. Operating from eastern zone 33 was Hrane, YT1AD, keying 3V6T into world second place and giving many deserving contesters the 3V multiplier. Third place went to John, W2GD, at P40W. John may well have activated a specific DXpedition location more times than anyone in the history of contesting. In the U.S., Randy, K5ZD, reprised his 2005 victory with a massive win. He sure used his skills to meet the great conditions on the low bands. Second place went to Ken, K4ZW/3, working at N3HBX's QTH. Third place was taken by Alexander, LZ4UU, putting K3CR on the map. The Azores looks like the next best thing to being out of Europe. Toni, OH2UA, again rose to the top of European scores as CU2A. Second place went to Iliya, operating the super station LZ9W, while Dave, G4BUO, took third-place honors. Two participants who deserve special recognition are Chris, A45XR, who broke into the world

top ten and PZ5ZY, operated by Phil, N6ZZ.

The continental winners were: North America: V47NT (N2NT), Africa: CT3NT (CT1BOH), Asia: A45XR, Europe: CU2A (OH2UA), Oceania: VK9AA (VK2IA), South America: P40W (W2GD), Japan: JH4UYB, and U.S.: K5ZD/1.

## Low Power

If you have a chance to take your transceiver, a few verticals in a golf bag, and some wire antennas on a trip to an island location, you will be surprised how well you will do and have quite a bit of fun to boot. However, if you want to try to finish near the top of the Low Power Single Operator category, you will have to put in a real effort. Perennial low power winner, Bud, AA3B, keyed V26K to number one world. Paul, K1XM, traveled much farther over to west Africa, where he activated 6V7D to take the number two position. Third place went to Julio, AD4Z, who put HI3A on the air. All three fine operators are to be congratulated.

The situation in the U.S. was about defending last year's finish. Ed, N1UR, seems to have figured out the key to excellence for the low power category. He again took top honors. Not far behind in second place was Ann, WA1S. Ann is always a top CW performer. Third place went to Marvin, N5AW. The top European scorer was Petr, OK2WTM, who placed OL6P in many logs. Second place



The winner of the Multi-Multi DXpedition trophy, 5A7A.

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## TROPHY WINNERS AND DONORS

**SINGLE OPERATOR  
ALL BAND  
World**  
CT3NT (Opr: Jose Carlos Cardoso Nunes, CT1BOH)  
Donor: K4FW Memorial (Scott Robbins, W4PA)

**World Low Power**  
V26K (Opr: Joseph Trench, AA3B)  
Donor: Slovenia Contest Club

**World QRP**  
P40A (Opr: John Bayne, KK9A)  
Donor: Gene Walsh, N2AA

**World Assisted**  
Malcolm Davenport, Jr., K11G  
Donor: Robert McGwier, N4HY

**USA**  
Randall Thompson, K5ZD/1  
Donor: Frankford Radio Club

**USA Low Power**  
Edward Sawyer, N1UR  
Donor: North Coast Contesters

**USA QRP**  
Doug Zwiebel, KR2Q  
Donor: CQ magazine

**USA – Zone 3**  
Robert Wolbert, K6XX  
Donor: Central Arizona DX Association

**USA – Zone 4**  
Michael Wetzel, W9RE  
Donor: The Society of Midwest Contesters

**Canada**  
VO1AAM (Opr: Yuri Onipko, VE3DZ)  
Donor: John Sluymmer, VE3EJ & Jim Roberts, VE7ZO

**Carib./C.A.**  
V47NT (Opr: Andrew Blank, N2NT)  
Donor: Chuck Shinn, W7MAP

**Europe**  
CU2A (Opr: Toni Linden, OH2UA)  
Donor: W3AU Memorial (Pete Raymond, N4KW)

**Europe – Low Power**  
OL6P (Opr: Petr Prokop, OK2WTM)  
Donor: Scott Jones, N8OA & Tim Duffy, K3LR

**Scandinavia**  
OH8X (Opr: Pasi Luoma-Aho, OH6UM)  
Donor: W3FYS Memorial (Chas Weir, Jr., W6UM)

**Russia**  
Vadim Ovsiannikov, UA9CLB  
Donor: Roman Thomas, RZ3AA

**Africa**  
3V6T (Opr: Hrane Milosevic, YT1AD)\*  
Donor: Gordon Marshall, W6RR

**Asia**  
Chris Dabrowski, A45XR  
Donor: Chuck Shinn, W7MAP

**Japan**  
Masaki Masa Okano, JH4UYB  
Donor: Tack Kumagai, JE1CKA

**Japan – Low Power**  
Nobuhiro Iwasa, JH8SLS  
Donor: Western Washington DX Club

**Oceania**  
VK9AA (Opr: Bernd Langer, VK2IA)  
Donor: Chris Tran, ZL1CT

**South America**  
P40W (Opr: John Crovelli, W2GD)  
Donor: Venezuela DX Club

**SINGLE OPERATOR, SINGLE BAND  
World – 28 MHz**  
Juan Manuel Morandi, LU1HF  
Donor: Joel Chalmers, KG6DX

**World – 21 MHz**  
ZP0R (Opr: Jorge Diez Furest, CX6VM)  
Donor: Lew Sayre, W7EW

**World – 14 MHz**  
5Z1A (Opr: Alex C.J. Van Eijk, PA3DZN)  
Donor: W2JT Memorial (North Jersey DX Assn.)

**World – 7 MHz**  
CN2R (Opr: James Sullivan, W7EJ)  
Donor: Alex M. Kasevich, VP2MM

**World – 3.5 MHz**  
EA8/OH4NL (Opr: Mauri Leppala, OH4NL)  
Donor: Fred Capossela, K6SSS

**World – 1.8 MHz**  
Clive Penna, GM3POI  
Donor: Kenneth Byers, Jr., K4TEA

**USA – 28 MHz**  
no winner  
Donor: Wireless Institute of the Northeast

**USA – 21 MHz**  
David Donnelly, K2SS/1  
Donor: Wayne Carroll, W4MPY

**USA – 14 MHz**  
Patrick Barkey, N9RV  
Donor: Northern Illinois DX Association

**USA – 7 MHz**  
Brian J. Edward, N2MF  
Donor: W6AM Memorial (Jan Perkins, N6AW)

**USA – 3.5 MHz**  
Robye Lahlum, W1MK  
Donor: Bill Feidt, NG3K

**USA – 1.8 MHz**  
Yuri Bianarovich, K3BU/8  
Donor: Jeff Briggs, K1ZM

**Canada (3.5 MHz)**  
Jeffrey Briggs, VY2ZM  
Donor: Radio Amateurs of Canada

**Carib./C.A. (14 MHz)**  
HP1/DJ7AA (Opr: Wilfried Gottschald, DJ7AA)  
Donor: Bill Hein, NT1Y

**Europe – 28 MHz**  
Meho Omerbasic, T93O  
Donor: Jay Pryor, K4OGG

**Europe – 21 MHz**  
9A1A (Opr: Zdravko Balen, 9A9A)  
Donor: Robert Naumann, W5OV

**Europe – 14 MHz**  
CT8T (Opr: Timo Klimoff, OH1NOA)  
Donor: G3FXB Memorial (Maud Slater)

**Europe – 7 MHz**  
Ivica Matkic, T96Q  
Donor: Ivo Pezer, 9A3A

**Europe – 3.5 MHz**  
4O3B (Opr: Martti Laine, OH2BH)  
Donor: K3VW Memorial (Frankford Radio Club)

**Europe – 1.8 MHz**  
Arunas Vaglys, LY2IJ\*  
Donor: Pat Barkey, N9RV & Terry Zivney, N4TZ

**Japan – 21 MHz**  
Yasuji John Okamoto, JR3EOI  
Donor: CQ magazine

**Japan – 14 MHz**  
Hiroyuki Inaba, JS3CTQ  
Donor: Chris Terkla, N1XS

**Asia – 14 MHz**  
Vakhtang Mumladze, 4L8A  
Donor: CQ magazine

**MULTI-OPERATOR, SINGLE TRANSMITTER  
World**  
PJ4A (Oprs: K4BAI, K1TO, N4TO)  
Donor: Anthony Susen, W3AOH

**U.S.A.**  
K8AZ (Oprs: K8AZ, K8MR, K8NZ, K8PP, N8TR  
W8CAR, W8KIC, W8BK, WT8C)  
Donor: Douglas Zwiebel, KR2Q

**Canada**  
VC7G (Oprs: VE7GL, VA7OO, VA7AO,  
VA7VZZ, VE7HJJ, VE7IJJ)  
Donor: Eastern Canadian DX Assn.

**Carib./C.A.**  
KP3Z (Oprs: NP4Z, NP3A, WP3C)  
Donor: Lone Star DX Association

**Africa**  
3B8/OM0C (Oprs: OM2TW, OM1KW, OM2RA)  
Donor: Harry Booklan, RA3AUU

**Asia**  
4X0G (Oprs: W3GG, 4Z4DX, 4Z4KX, 4X6ZK)  
Donor: Steve Merchant, K6AW

**Europe**  
OM8A (Oprs: 9A2R, 9A3LG, 9A4M, 9A7R,  
OM2VL, OM3BH, OM3GI, OM3LA, OM3NA,  
OM3RG, OM3RM, OM7JG)  
Donor: Bob Cox, K3EST

**Japan**  
JA7YAA (Oprs: JH0NZN, JE7HLZ, JG7PSJ,  
JO7JID, JI5RPT, JJ5DWF)  
Donor: CQ magazine

**Oceania – Pacific Rim**  
AH2R (Oprs: JI3ERV/NH2C, JR7OMD/WI3O,  
JE8KKX/AH2K)  
Donor: Junichi Tanaka, JH4RHF

**South America**  
PJ2T (Oprs: K8ND, W0CG, N1ZZ, W0NB,  
G0RTN, NP2L, W8WTS)\*  
Donor: Araucaria DX Group

**MULTI-OPERATOR, TWO-TRANSMITTER  
World**  
EA8EW (Oprs: YL2GD, YL2KL, YL3DW,  
LY2CY, EA8ZS)  
Donor: Array Solutions

**USA**  
NY4A (Oprs: K2AV, N4CW, N4AF, WJ9B)  
Donor: Eric Scace, K3NA

**Europe**  
EA6IB (Oprs: EA3AIR, EA3ALV, EA3ALZ, EA3AVV,  
EA5BM, EA5GX, EA6FO, OZ1AA)  
Donor: Aki Nagi, JA5DQH

**MULTI-OPERATOR, MULTI-TRANSMITTER  
World**  
HC8N (Oprs: K6BL, N5KO, N0JK, W6NL,  
N6TR, N5OT, K6AW, AA5B)  
Donor: K2GL Memorial (Doug Zwiebel, KR2Q)

**USA**  
K3LR (Oprs: K3LR, K3UA, K8CX, N2NC,  
K1LA, N6MJ, N2NL, N6RT,  
M0DXR, N3SD, N3GJ, W2AU, K14MTU)  
Donor: N6RJ Memorial (Bob Ferrero, W6RJ)

**Europe**  
DF0HQ (Oprs: DJ2QV, DJ9AO, DL1AUZ, DL1DTL,  
DL20BF, DL3OI, DL3TD, DL4MM, DL5ANT,  
DL5AOJ, DL5AXX, DL5MLO, DL7ZZ, DL8WAA)  
Donor: Finnish Amateur Radio League

**Japan**  
JA3YBK (Oprs: JG3KIV, JG3MRT, JG3WDN,  
J13OPA, J3PZD, JH4NMT, JF4UF)  
Donor: Ryozo Goto, JH3JYS

**WORLD  
MULTI-MULTI SSB/CW COMBINED**  
K3LR: 33,033,424 Points  
Donor: W0ID Alpha Award

**USA  
MULTI-MULTI SSB/CW COMBINED**  
K3LR: 33,033,424 Points  
Donor: N8SM Memorial (Operators of K3LR)

**CONTEST EXPEDITIONS  
World Single Operator**  
6W1RW (Opr: Jacques Saget, F6BEE)  
Donor: Friends of Phil Goetz, N6ZZ

**WORLD MULTI-OP**  
5A7A (Oprs: K1LZ, N2OW, PA0R, HB9DTE,  
DF6QV, DJ2VO, DJ7EO, DJ7IK, DJ9CB, DK1BT,  
DK1II, DK2DO, DK7YY, DK8FD, DL1EJA,  
DL5CW, DL9USA)  
Donor: Carl Cook, A16V

**SPECIAL - SINGLE OPERATOR AWARD  
World SSB/CW Combined**  
P40W (Opr: John Crovelli, W2GD)  
20, 613,468 Points  
Donor: Hrane Milosevic, YT1AD

**CLUB  
World SSB/CW**  
Yankee Clipper Contest Club  
Donor: W1WY Memorial (CQ magazine)

**Non-USA SSB/CW  
Rhein-Ruhr DX Association**  
Donor: N6AUV Memorial  
(Northern California Contest Club)

\* Second Place



Andy, N2NT, keyed V47NT to #4 world All Band High Power.



Jim, W7EJ, pushed CN2R to a new world 7 MHz record.

went to Agustin, EA2AZ. Rounding out the top three was Igor, UA4FER.

Special mention must be made of the DXpeditions of Gerd, DL7VOG, to HK0GU and Petr, as EA9/OL8R. Nikolai, UN3M, broke into the top ten and was number one in Asia.

The continental winners were: North America: V26K (AA3B), Africa: 6V7D (K1XM), Asia: UN3M, Europe: OL6P (OK2WTM), Oceania: KH6/W6PH, South America: PY2NY, Japan: JH8SLS, and U.S.: N1UR.

### QRP

You can actually run stations in the QRP category. However, you must choose your location and times carefully. Five watts can be lost in the QRM unless you happen to be

skilled at search and pounce. John, KK9A, operating as P40A made it a 2006 sweep by taking the #1 world position on both SSB and CW. Quite a feat! In the second position world was Didier, FY5FY. Third place world and number one in Europe went to Milan, OK2BYW. Second place in Europe went to another Czech Republic operator, OK7CM. Third place went to Juergen, DF1DX.

In the states, long-time QRP champion, Doug, KR2Q, keyed his K2 to the top of the U.S. standings. Second place went to Bill, N8ET. Bill is always at or near the top of the QRP standings. Third place went to Bill, K4LTA. Special mention should be made of the outstanding efforts of Masayoshi, JR4DAH, and Alex, RA9SO, who finished near the top from Asia.

The continental winners were: North America: KR2Q, Africa: 5H3WA (SM0HPL),

Asia: RA9SO, Europe: OK2BYW, Oceania: YB5AQB, South America: P40A (KK9A), Japan: JR4DAH, and U.S.: KR2Q.

### Assisted

Those who use a DX-alerting system do so for various reasons. Perhaps they like the challenge of balancing QSOs with chasing spots. Perhaps they have limited time for the contest and want to maximize the number of exotic callsigns in their log, or they may want to help their club with a score. Remember that if you use assistance to help your score you are assisted.

This year the world top scores all came from seasoned Assisted operators. The world number one spot went to Rick, K11G. It is not often a USA station takes top world honors. Sergey, UT5UDX, put the soccer ball aside and keyed ER4DX to #2 world and #1 Europe. Third place went to Charles, K3WW, who is no stranger to the Assisted category. The third slot in the USA went to Noah, K2NG. In Europe CT6A operated by Timo, OH1NOA, took second place from sunny Portugal.

The continental winners were: North America: K11G, Africa: 7X0RY, Asia: RG9A, Europe: ER4DX, Oceania: KG6DX, South America: LU4DX, Japan: JF1PJK, and U.S.: K11G.

### Multi-Single

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as they could. Overlooking the town of Rincon in the valley below, they made all the necessary preparations to enter the MS category. When the dust settled on their effort, a new world Multi-Single record had been set, quite an accomplishment. From that same mountaintop you can see on the distant horizon the island that was the QTH of the second-place scorer, PJ2T. Making it an all South America MS world sweep of the top three positions was ZY7C. The European champion was the team of OM8A. Their signal was omnipresent. Another Slovakian team, OM7M, took second place, while the team from 9A1P placed third.

In the U.S. the Multi-Single team from northeastern Ohio took top honors. Tom's team at K8AZ has operated together for a long time. They work together like a well-oiled machine. Second place in the U.S. went to a Frankford Radio Club team which pushed W3BGN to a top position. Third place went to Dave's team at K8CC located in southern Michigan.

The continental winners were: North America: KP3Z, Africa: 3B8/OM0C, Asia: 4X0G, Europe: OM8A, Oceania: AH2R, South America: PJ4A, Japan: JA7YAA, and U.S.: K8AZ.

### Multi-Two

What is a way to have more QSOs but have less work than Multi-Multi? If you answered

Multi-Two, you are correct. Once again demonstrating that an island QTH is the place from which to operate a contest, several groups headed off for zones 33 and 9 adventures. A group of Latvian contesters traveled down to more favorable propagation and ended up keying EA8EW to the number one score in the world. Just to the north was the Rhein-Ruhr DX Association team, CT9L, who captured second place. Third place went to 9Y4AA manned by a multi-national team. The European top score was EA6IB operating from the beautiful island of Ibiza. Second place in Europe went to IR4X operating from north central Italy. Third place went to the Croatian Contest Club station, 9A7A.

The U.S. top three finished in a south to north ranking. Taking the #1 slot was Howe's team at NY4A in North Carolina. What a great job they did. Going farther north to Pennsylvania brings you to the QTH of N3RS. Sig's station always is at the top of the competition and came in #2. Andy, K2LE/1, in Vermont took third place.

The continental winners were: North America: ZF1A, Africa: EA8EW, Asia: P3F, Europe: EA6IB, Oceania: KH6BK, South America: 9Y4AA, Japan: JA1ZGP, and U.S.: NY4A.

### Multi-Multi

Take a lot work, planning, coordination, skill and mix in a little luck and what do you get?



*Dragan, YT6Y, helped put Montenegro on the map.*

A competitive Multi-Multi station. Each has a unique story to tell. The crew at HC8N has done all of the above. This fine CW team had the highest score in the world. They were followed by the well-planned DXpedition to Libya, 5A7A. What a great signal they had on all bands. They took away the well-deserved Multi-Op DXpedition trophy. In third place was the always popular VooDudes team. These guys really know how to have fun. They have put West Africa on the map for over ten years.

In Europe the BIG signal from Germany, DF0HQ managed to add to a long list of impressive wins by taking first place. They represented the RRDXA. In second place was a team made up of Macedonian and

Hungarian contestants, Z38N. What a great job they did in moving into contention for the top prize. Just behind in third place was DR1A representing the BCC.

In the U.S. it certainly was the contest for K3LR. Tim's fine team finished out of first place in the claimed scores but their skill in copying the stations they worked paid off by moving them into first place. However, the honors didn't stop there. Check out the trophy winners. It may be the first time in the CQ WW that one station has won three trophies. In second place was Matt's crew from southern New Hampshire. KC1XX is always a potential top winner. Third

place went to Frank's team in central Maryland. All three U.S. multi teams know each other well and appreciate the real professional competition.

The continental winners were: North America: K3LR, Africa: 5A7A, Asia: UP5G, Europe: DF0HQ, Oceania: ZL6QH, South America: HC8N, Japan: JA3YBK, and U.S.: K3LR.

## Club Scores

Many operators belong to a radio club. Clubs provide a great source of information on all radio subjects, including contesting. Many of us

## TOP SCORES

<b>WORLD All Band</b> CT3NT ..... 12,524,928 3V6T ..... 12,257,136 P40W ..... 11,511,600 V47NT ..... 11,031,930 PZ5ZY ..... 11,017,652 P40T ..... 10,859,541 8P5A ..... 9,090,576 CU2A ..... 8,513,294 P49Y ..... 8,483,080 A45XR ..... 8,238,780	PY1NB ..... 365,508 OK1FDR ..... 288,673 ZS6CCW ..... 238,689  <b>14 MHz</b> HK/N2AA ..... 749,816 YT5A ..... 544,824 TA3DD ..... 532,280 LZ9X ..... 431,320 9A3B ..... 373,308 YR8B ..... 361,678  <b>7 MHz</b> C6ATA ..... 1,137,528 HK1AR ..... 843,220 IY4W ..... 759,139 UA9AYA ..... 629,788 S54A ..... 364,820 UN7PCZ ..... 356,460  <b>3.5 MHz</b> UN4L ..... 453,653 IU1A ..... 282,250 T97M ..... 232,715 YT1VP ..... 230,620 LY5A ..... 221,408 YT1NP ..... 196,420  <b>1.8 MHz</b> VP9I ..... 89,397 TA3D ..... 89,148 TA2RC ..... 72,534 OM3OM ..... 68,888 SP2ASJ ..... 58,158 OE3BCA ..... 54,944  <b>QRP All Band</b> P40A ..... 4,400,572 FY5FY ..... 1,553,748 OK2BYW ..... 939,690 KR2Q ..... 801,420 OK7CM ..... 783,264 N8ET ..... 637,000 DF1DX ..... 519,880 K4LTA ..... 461,690 RA9SO ..... 457,920 JR4DAH ..... 452,800  <b>Assisted All Band</b> K11G ..... 7,002,125 ER4DX ..... 6,093,360 K3WWW ..... 5,962,446 CT6A ..... 5,894,230 LU4DX ..... 5,279,740 K2NG ..... 4,831,127 RG9A ..... 4,615,352 UW8M ..... 4,568,580 S57DX ..... 3,995,696 K9RS/3 ..... 3,966,300  <b>Single-Operator Single Transmitter</b> PJ4A ..... 19,776,302 PJ2T ..... 13,661,893 ZY7C ..... 11,079,552 OM8A ..... 11,028,150 KP3Z ..... 10,323,810 OM7M ..... 9,561,510  <b>Multi-Operator Two Transmitter</b> EA8EW ..... 30,654,288 CT9L ..... 25,900,335 9Y4AA ..... 21,718,080 P3F ..... 17,533,383 EA6IB ..... 15,395,136 ZF1A ..... 15,349,499  <b>Multi-Operator Multi-Transmitter</b> HC8N ..... 44,864,768 5A7A ..... 40,745,052 TZ5A ..... 38,431,952 IH9P ..... 32,878,776	K3LR ..... 18,075,712 KC1XX ..... 17,943,896  <b>UNITED STATES All Band</b> K5ZD/1 ..... 8,188,086 K4ZW/3 ..... 6,513,384 K3CR ..... 5,715,360 W1KM ..... 5,647,740 NN1N ..... 4,680,368 K1ZZ ..... 4,669,509 W9RE ..... 4,391,590 K1DG ..... 4,258,200 KT3Y/4 ..... 4,076,982 N2IC/5 ..... 4,065,227  <b>28 MHz</b> W2RR ..... 1,153  <b>21 MHz</b> K2SS/1 ..... 472,752 K4FJ ..... 276,048 W6YA ..... 255,982 KT8X ..... 167,552 K4RV ..... 57,057 WE7K ..... 31,913  <b>14 MHz</b> N9RV ..... 962,544 N1YU ..... 712,140 NY3A ..... 608,400 N9CK ..... 536,284 W7WA ..... 493,350 W1MU ..... 474,848  <b>7 MHz</b> N2MF ..... 414,170 K7AO ..... 266,676 W4NL ..... 189,645 W2XL ..... 180,911 AC8W ..... 168,063 KT5E/0 ..... 145,590  <b>3.5 MHz</b> W1MK ..... 530,264 K1LZ ..... 523,772 N7UA ..... 189,552 K9ES/4 ..... 180,703 N2GC ..... 143,352 W3NO ..... 126,903  <b>1.8 MHz</b> K3BU/8 ..... 151,970 KT1V ..... 131,560 N4PN ..... 124,248 K4PI ..... 68,040 W3GH ..... 46,662 KU1CW/0 ..... 43,962  <b>Low Power All Band</b> N1UR ..... 2,277,212 WA1S ..... 1,972,638 N5AW ..... 1,930,120 W3AU/4 ..... 1,487,024 N4TZ/9 ..... 1,475,591 K2PS ..... 1,454,407 N4YDU ..... 1,426,230 KS1J ..... 1,396,060 W0UO/5 ..... 1,377,362 K5KLA ..... 1,232,010  <b>28 MHz</b> W4IX ..... 23,946 K4WI ..... 9,100  <b>21 MHz</b> WB4TDH ..... 178,087 K9WA ..... 75,755 W0VX/5 ..... 56,444 KQ6ES ..... 31,450 K3GW ..... 26,076  <b>14 MHz</b> N4IJ ..... 240,640 N4MO ..... 191,664	K2MFY ..... 155,084 N7WA ..... 125,952 KR2AA ..... 107,991 W2AW ..... 101,010  <b>7 MHz</b> K0LW ..... 236,652 N4PSE ..... 111,915 N4IG ..... 69,324 WA1FCN/4 ..... 68,540 N9XX ..... 52,000 AA7FK ..... 22,120  <b>3.5 MHz</b> N2WN/4 ..... 91,839 K2TA ..... 79,893 KN5G ..... 47,922 K8DO ..... 33,264 W8GF ..... 29,370 AI2N ..... 27,534  <b>1.8 MHz</b> K1PX ..... 12,432 K7CMZ/4 ..... 8,320 W7RH ..... 3,813 KR4OW ..... 2,420 K7XC ..... 1,281 W7DRA ..... 1,045  <b>QRP All Band</b> KR2Q ..... 801,420 N8ET ..... 637,000 K4LTA ..... 461,690 N1TM ..... 415,110 W6JTI ..... 396,722 WA8VW ..... 272,160 K8ZT ..... 167,250 NU4B ..... 136,290 AA2U ..... 124,992 N8IE ..... 100,657  <b>Assisted All Band</b> K11G ..... 7,002,125 K3WWW ..... 5,962,446 K2NG ..... 4,831,127 K9RS/3 ..... 3,966,300 K1AR ..... 3,731,400 N3AD ..... 3,483,131 K3PH ..... 2,922,656 QK3F ..... 2,757,064 W3FV ..... 2,698,426  <b>Multi-Operator Single Transmitter</b> K8AZ ..... 6,356,599 W3BGN ..... 5,938,230 K8CC ..... 5,462,672 W3UJ/1 ..... 5,414,851 K11R ..... 5,232,379 K2QMF ..... 4,811,485  <b>Multi-Operator Two Transmitter</b> NY4A ..... 10,324,748 N3RS ..... 10,184,130 K2LE/1 ..... 6,493,335 N4WW ..... 6,168,470 NR4M ..... 4,854,605 K0TV/1 ..... 4,656,960  <b>Multi-Operator Single Transmitter</b> OL6P ..... 2,696,484 EA2AZ ..... 1,931,215 UA4FER ..... 1,916,420 LY9A ..... 1,901,251 S59AA ..... 1,622,592 EI/SP4Z ..... 1,610,690 LZ9R ..... 1,609,498 HG8L ..... 1,508,247 S52OP ..... 1,502,431 LY6A ..... 1,494,500  <b>28 MHz</b> CT1AOZ ..... 91,982 HA8TP ..... 25,920 YO4ATW ..... 14,578 UT3FM ..... 8,479 UA6AK ..... 8,438 SQ6ELV ..... 8,060  <b>21 MHz</b> OK1FDR ..... 288,673 OK2N ..... 203,840 RA6YV ..... 162,877 OM7CA ..... 139,712 HA5MY ..... 120,834 YT2F ..... 118,314	G4BUO ..... 4,608,468 TM6X ..... 4,597,263 S50A ..... 4,594,235 RD3A ..... 4,414,660 ES5RR ..... 4,122,380 GD6IA ..... 4,105,530 TK5EP ..... 3,957,450 DL3YM ..... 3,873,240  <b>14 MHz</b> YT5A ..... 544,824 LZ9X ..... 431,320 9A3B ..... 373,308 YR8B ..... 361,678 LZ4ZP ..... 349,350 OK3C ..... 287,313  <b>7 MHz</b> IY4W ..... 759,139 S54A ..... 364,820 S58M ..... 333,335 ER3DX ..... 331,427 RU4SU ..... 325,480 4N7N ..... 288,574  <b>3.5 MHz</b> IU1A ..... 282,250 T97M ..... 232,715 YT1VP ..... 230,620 LY5A ..... 221,408 YT1NP ..... 196,420 S53F ..... 163,170  <b>1.8 MHz</b> OM3OM ..... 68,888 SP2ASJ ..... 58,158 OE3BCA ..... 54,944 OM0TT ..... 38,824 LY2OU ..... 37,739 SP7JOA ..... 35,490  <b>QRP All Band</b> OK2BYW ..... 939,690 OK7CM ..... 783,264 DF1DX ..... 519,880 UA6LCJ ..... 423,072 Y03APJ ..... 380,787 GW4ALG ..... 370,517 G4BDW ..... 336,609 SP6LV ..... 319,056 US2JZ ..... 315,126 G3YMC ..... 265,752  <b>Assisted All Band</b> ER4DX ..... 6,093,360 CT6A ..... 5,894,230 UW8M ..... 4,568,580 S57DX ..... 3,995,696 DK3GI ..... 3,604,068 LY8O ..... 2,887,680 DJ2YA ..... 2,833,793 OK2FD ..... 2,761,679 YL2KO ..... 2,743,680 SN5M ..... 2,496,880  <b>Multi-Operator Single Transmitter</b> OM8A ..... 11,028,150 OM7M ..... 9,561,510 9A1P ..... 9,349,184 OE4A ..... 8,761,116 EA4KR ..... 8,184,800 RK2FWA ..... 8,089,014  <b>Multi-Operator Two Transmitter</b> EA6IB ..... 15,395,136 IR4X ..... 13,379,302 9A7A ..... 13,184,468 UU7J ..... 12,156,768 RU1A ..... 9,907,716 HG3DX ..... 8,438,148  <b>Multi-Operator Multi-Transmitter</b> DF0HQ ..... 16,216,434 Z38N ..... 15,486,911 DR1A ..... 15,369,672 OM0M ..... 11,333,520 LY7A ..... 7,736,960 DL0KF ..... 1,890,574
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### EUROPE TOP SINGLE OPERATOR ALL BAND

Station	160	80	40	20	15	10
CU2A	329/16/64	852/23/86	1663/34/106	1260/32/99	1587/28/95	517/22/69
LZ9W	242/12/60	630/23/79	1619/28/101	1129/30/93	880/34/101	108/12/40
G4BUO	406/16/66	912/18/73	577/31/97	941/31/95	759/28/100	123/20/64
TM6X	167/12/56	781/22/79	663/30/98	838/34/90	844/32/99	246/20/49
S50A	96/11/59	753/25/86	890/36/107	1061/34/91	618/34/88	92/20/52
RD3A	301/18/64	1079/31/105	1119/36/127	809/30/93	546/32/113	124/17/53
ES5RR	758/19/71	774/24/82	916/29/90	1303/31/95	335/27/84	216/13/55
GD6IA	530/15/58	468/15/59	812/27/89	1149/31/92	785/27/89	160/17/66
TK5EP	487/15/64	578/14/65	623/25/88	898/22/63	1416/30/83	257/12/44
DL3YM	341/14/55	595/24/77	917/30/98	996/31/82	544/27/88	56/15/39

### EUROPE MULTI-OPERATOR SINGLE TRANSMITTER

OM8A	318/23/97	1146/35/127	1543/39/142	1638/37/147	1017/36/137	176/28/97
OM7M	405/25/100	1026/33/116	1572/40/148	1334/38/148	861/36/142	104/27/92
9A1P	262/16/73	1204/32/116	1394/37/142	1135/37/134	1194/36/138	249/27/96
OE4A	219/19/78	988/31/111	1505/34/125	1451/37/128	1159/37/134	199/27/91
EA4KR	169/12/64	819/30/108	1616/33/122	1220/36/128	913/33/118	456/25/91
RK2FWA	616/23/96	1082/31/113	1283/40/143	1367/35/137	729/35/135	97/20/70

### EUROPE MULTI-OPERATOR TWO TRANSMITTER

EA6IB	810/17/80	1821/32/112	2720/37/147	2225/37/139	1532/34/131	815/27/93
IR4X	464/20/78	1506/34/118	2041/39/148	1947/39/134	1459/36/138	146/26/88
9A7A	538/16/71	1780/33/109	1993/36/142	2083/38/139	1534/37/137	284/26/85
UU7J	712/23/89	1640/37/126	2110/39/153	1898/36/139	1183/35/140	255/28/91
RU1A	941/29/100	1383/35/129	1873/37/137	1477/38/142	562/33/125	356/21/77
HG3DX	387/12/55	1380/30/102	1791/35/118	1555/36/118	810/36/132	257/22/78

### EUROPE MULTI-OPERATOR MULTI-TRANSMITTER

DF0HQ	1107/24/92	2165/38/130	2835/40/157	2110/39/148	1113/35/141	346/26/92
Z38N	1170/17/78	2413/34/114	3188/40/139	2399/36/134	1755/35/127	632/25/80
DR1A	1088/23/90	1769/36/128	2604/38/151	2244/39/144	1231/34/136	325/25/98
OM0M	1105/24/90	1543/37/116	1806/36/137	1657/36/137	1018/36/130	245/27/85
LY7A	927/14/69	1371/25/96	1791/37/134	1640/37/135	665/34/123	196/19/62
DL0KF	247/9/52	408/15/65	348/28/105	699/34/113	334/25/86	47/16/33

please let us know at <questions@cqww.com>. Below are the outstanding efforts of super operators which resulted in setting new CW records during the 2006 contest. Congratulations!

**World:** 7 CN2R (W7EJ), L7 C6ATA (K2KW), L3.5 UN4L, A7 9K2HN (9K2RR), A3.5 7X0RY

**Africa:** 7 CN2R (W7EJ), QA 5H3WA (SM0HPL), A3.5 7X0RY, M2 EA8EW.

**Asia:** L3.5 UN4L, A7 9K2HN (9K2RR), A3.5 5B/M0XAA

**Europe:** ALL CU2A (OH2UA), 7 T96Q, 3.5 4O3B (OH2BH), 1.8 GM3POI, L7 IY4W (IK4ZGO), L3.5 IU1A (IK1SPR), Q14 HA1DK, A3.5 CS2R (OK2RZ)

**North America:** 3.5 VY2ZM (K1ZM), L7 C6ATA (K2KW), L1.8 VP9I (WA4PGM), A3.5 KV0Q, A1.8 W4ZV, M2 ZF1A.

**Oceania:** 3.5 KH7X (KH6ND), A21 VK4AN, A7 ZL2IFB, A3.5 ZL1KMN, A1.8 KH7U.

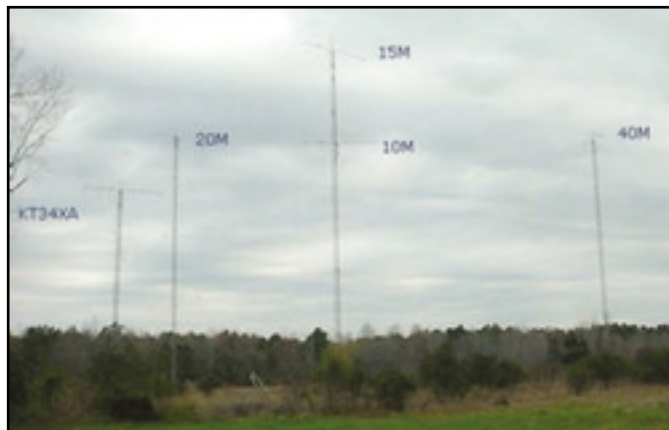
**South America:** MS PJ4A

**USA:** 3.5 W1MK, 1.8 K3BU/8, L3.5 N2WN/4, L1.8 K1PX, A3.5 KV0Q, A1.8 W4ZV.

**Japan:** A14 JM2RUV.

### Special Mention

The following stations are some of the many who made the contest more interesting for everyone by going on DXpeditions or providing rare call signs. 3V6T, 3XD2, 4S7JNG, 4U1ITU, 5A7A, 5H3EE, 5H3WA, 5R8FU, 5W0OJ, 5Z1A, 5Z4LS, 6V7D, 6W1RW, 6Y1V, 6Y3R, 8P5A, 8P6SH, 8P9NX, 8Q7DV, 9G5ZS, 9H6A, 9K2HN, 9M2CNC, 9M2MT, 9M2TO, 9M6NA, 9M6XR0, 9M8YY, 9N7JO, 9V1YT, 9Y4AA, A45WD, A45XR, A61M, A71EM, B1Z, B3C, B5C, B5TT, B7P, BA4ALC, BA4DF, BA4RF, BA5TT, BA6QD, BA6QH, BD0AAI, BD1CAL, BD1DQU, BD1DRJ, BD1FBV, BD2BT, BD4ITN, BD4IZL, BD4SQ, BD5WW, BU2AI, BY1QH, BY4VAM, BY6RC, C4M, C6AKX, C6AQQ, C6ART, C6ATA, CN2R, CN2WW, CN8YR, CO2JD, CO2JW, CO6LP, CO8LY, CO8TW, CO8ZZ, CT3NT, CT9L,



NY4A took top honors USA Multi-Two.

CU2A, D44AC, DU3NXE, DX1DBT, E21ZC, E51TLA, E51YAO, GD6IA, GD8T, GJ2A, HI3A, HK0GU, HK1AR, HC8N, IH9P, J37T, J41A, J42T, J43J, J45KLN, J79Z, JT1BL, JT1BV, JT1C, JT1CO, JT1CS, JT1JA, JV800DA, MD4K, MD6V, OH0I, OH0K, OH0M, OH0V, OH0X, OH0Z, P3F, P40A, P40T, P40W, P49Y, PJ2T, PJ4A, R1ANC, SI9AM, ST2A, ST2T, SV5DZX, SX5R, SZ1A, SZ6P, T40C, T88MR, TI5N, TO5X, TZ5A, V26K, V31XX, V47NT, V51AS, VA2WDX, VK9AA, VP2MDG, VP2VVV, VP5W, VP8NO, VP9I, XU7ADE, XU7MWA, YI9KT, ZF2AH.

Why not join the fun of operating overseas somewhere? You will surely find that it is an experience to remember.

### Comments

From data provided by the CQ WW CW, there is no evidence of a decline in CW activity. Just the opposite is true. The 2006 contest provided a new CW record of the number of submissions, over 4500 (almost as many as SSB!). The beauty of CW and its inherent required skill appeals to a vast numbers of contesters. Once again approximately 4300 electronic logs were successfully submitted. Only about 200 paper logs were received. Thank you for submitting your log electronically. Your effort makes the CQ WW database more accurate and the final scores truer. The Cabrillo logging output was created to allow standardization in log checking. It still requires accurate action by the entrant. Make sure to list all the ops who participated in a multi category. Check to make sure the proper category is indicated. The CQ WW Contest Committee uses the same .city file to check all the logs. In this way all the logs are treated equally. The CQ WW CC has known for a very long time that a large number of CQ WW entrants have limited operating time. It is precisely these operators having fun who give the continuing runs available during the contest. No matter how your time might be limited because of other demands, get on in the CQ WW and have fun. The CQ WW CC wants to thank and recognize the casual operator as a major contributor to everyone's good time.

As has been mentioned many times before, your UBN/NIL report is just an aid to help you pinpoint how to improve your copying skills. Submitting an electronic log is easy. Send your SSB log and summary to <ssb@cqww.com> (CW to <cw@cqww.com>). Please send your log in Cabrillo format. If you have any problems, we can help you at <questions@cqww.com>. It bears repeating that if you make a mistake on your first submission, you can resubmit your log. It will replace the first submission.

On CW there were several entrants who forgot to change bands on their computer logging program. This creates not-in-log contacts for all those stations worked. A lot of time is spent by the CQ WW CC to find these "not in log" problems. We cannot find them all. If you discover you have this problem, please contact the station who made the logging error. For more information on this subject look at <cqww.com> under UBN/NIL reports explained. Please be careful to log all your QSOs on the correct band.

For the last several years, the CQ WW CC has spent considerable time and effort to check log submissions that were questionable. We have now developed very sophisticated methods to check

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## CLUB SCORES

### DX CLUBS

Rhein-Ruhr DX Association	218,724,771
Bavarian Contest Club	214,962,215
Araucaria DX Group (PY5)	81,283,628
Contest Club Finland	77,847,735
Contest Club Ontario	69,220,610
Russian Contest Club	63,523,076
*World Wide Young Contesters	58,892,647
YU Contest Club	53,826,788
LU Contest Group	51,158,205
Ural Contest Group (UA9)	39,636,245
Croatian Contest Club	36,245,434
Slovenia Contest Club	36,082,921
Kaunas Technical University Radio Club	34,286,755
Tikiriki Contest Club (I)	34,079,531
SP DX Club	24,954,164
VK Contest Club	24,285,712
Madeira Contest Team	23,641,503
Ukrainian Contest Club	23,219,546
Hungarian DX Club	19,924,865
Chiltern DX Club (G)	19,259,255
Dozen Dashes Contest Club (OM)	18,783,920
Mt. RF (JA)	15,930,114
South Ural Contest Club (UA9)	15,288,164
Austrian Contest Club	15,179,387
UA2-Contest Club	15,174,626
Bloemfontein Defense (ZS)	14,423,970
TUPY DX Group (PY)	12,686,134
Latvian Contest Club	12,396,751
British Columbia DX Club (VE7)	10,850,195
Vrhnika Contesters (S5)	9,542,924
Moscow Radio Club	9,202,051
Black Sea Contest Club (UR)	9,115,271
LNDX (F)	8,522,926
KKKK (UA6)	7,904,218
Lima Alpha Contest Club (LA)	7,830,971
DX XE (XE)	7,727,610
Contest Cambria (GW)	6,350,355
GACW (LU)	6,131,551
LA DX Group	5,961,676
Tartu Contest Team (ES)	5,784,481
Lyon DX Group (F)	5,147,361
Contest Group du Quebec	4,923,002
Stavropol Team Contesting (UA6)	4,674,815
South German DX Group	4,240,100
Central Siberia DX Club (UA0)	4,177,760
Czech Contest Club	4,177,760
Cray Valley Radio Society (G)	4,143,740
OK DX Foundation	4,015,718
Top of Europe Contesters (SM)	3,929,804
Lithuanian Contest Group	3,854,942
Berlin DX Group	3,786,300
Contest Group Oude Maas (PA)	3,388,000
SP Contest Club	3,303,461
Guara DX Group (PY7)	3,122,930
Orenburg Radio Club (UA9)	2,697,301
JT1JA Club	2,658,725
Z30M Contest Club	2,462,661
Low Land Crazy Contesters (PA)	2,434,056
Fox Contest Club (YU)	2,399,648
Kiel Canal Activity Group (DL)	2,202,382
YO DX Club	2,134,706
Temirtau Contest Club (UN)	2,100,942
Northern Greece Contest Team	2,098,853
Parma Radio Club (UA9)	2,077,235
Dragon ARC (GW)	2,076,662
LYNX (EA)	1,699,556
Marconi Contest Club (I)	1,608,508
RAA Western Greece	1,538,626
Danish DX Club	1,473,235
POISK (UA0A)	1,414,729
Sky Contest Club (YU)	1,404,220
Radio Amateur Society Thailand	1,380,980
Udmurtia Contest Club (UA4)	1,346,140
Kemerovo Club (UA9U)	1,280,746
YO3KAA Club	1,250,169
Pizza & Pasta Club (I)	1,170,071
Tallinn Radio Club (ES)	1,113,929
Shefford & District ARS (G)	1,094,140
Yaroslavl Radio (UA3) Club	959,317
Saipan Amateur Radio Club	875,749
Alberta Clippers (VE6)	862,394
Amsterdam DX Club	719,489
Shakhan Contest Club (OK)	710,358
Radio Club de la Serena (CE)	674,002
Haros Radio Club (HA)	661,885
Ivanovo DX Club (UA3)	597,373
Stirling ARC (GM)	587,773
Noviomagnum DX Group (PA)	573,645
Sarajevo Contest Group (T9)	544,197
Saskatchewan Contest Club (VE5)	515,804
Orel Contest Club (UA9)	506,981
Samara Radio Club (UA4)	498,342

Podolsk Radio Club (UA3)	468,593
RU-DX-Club (UA)	444,077
Bryansk Contest Team (UA3)	396,109
Vladimir Radio Club (UA3)	390,016
Radio Club Palma (EA8)	388,103
Serpuhov Radio Club (UA3)	380,885
Perm Radio Club (UA9)	337,078
Siam DX Group (HS)	335,724
RTTY-CJ Contesters (JA)	323,393
Tsinghua University ARC (BY)	294,039
Yoshkar-Ola Contest Club (UA4)	290,695
Irkutsk Radio Club (UA0)	287,143
Bosnia-Herzegovina Contest Club	274,066
Israel ARC	259,896
Koryazhma DX Company (UA1)	230,772
Obninsk QRU Club	210,151
R4F-DX-Group	194,044
Omsk Region Radio Club (UA9)	189,242
Kirov Radio Club ((UA4)	180,422
Radio Club Ljubljana (S5)	176,031
Reading & District ARC (G)	152,800
Lipetsk Radio Club (UA3)	148,749
Shizuoka DX Association (JA)	136,736
Isrtita Buau (YO)	122,223
Sao Paulo Contest Group	88,133
Paper DXers (JA)	64,034
YU DX Club	53,155
Club de CW Do Dist. Federal ((PY)	48,654
Bokovina (UR)	34,607
Thailand CW Amateur Radio	27,816
UR-QRP-Club	6,612

### USA CLUBS

Yankee Clipper Contest Club	284,525,061
Frankford Radio Club	246,857,664
Potomac Valley Radio Club	169,364,704
Northern California Contest Club	76,510,166
Florida Contest Group	75,756,125
North Coast Contesters (W3/W8)	49,829,455
Southern California Contest Club	43,897,322
Society Midwestern Contesters	29,158,319
Minnesota Wireless Association	27,736,432
Southeast Contest Club	27,239,967
Western Washington DX Club	25,845,780
Carolina DX Association	25,680,386
Mad River Radio Club (W8)	24,757,302
Central Texas DX Contest Club	19,489,191
Rochester DX Association (W2)	13,747,872
Hudson Valley DX Contest Club (W2)	13,230,678
Mother Lode DX Contest Club (W6)	13,063,095
Tennessee Contest Group	11,223,584
North Texas Contest Club	10,204,127
Willamette Valley DX Club (W7)	7,950,361
Iowa DX Contest Club	7,191,870
Alabama Contest Group	6,071,558
Central Arizona DX Association	5,840,746
Oklahoma DX Association	5,364,881
Order of Boiled Owls of NY	5,353,455
Utah DX Association	2,947,056
CT RI DX Contest Club (W1)	2,179,067
Kentucky Contest Group	2,118,847
Northern Illinois DX Association	1,899,849
Northeast Wisconsin DX	1,796,854
Northern California DX Club	1,683,283
Grand Mesa Contest Club (W0)	1,501,821
Southwest Ohio DX Association	1,424,559
San Diego DX Club	1,295,170
Southern California DX Club	1,238,314
Northern Arizona DX Association	1,221,726
Northern Rockies DX Association (W7)	1,198,880
Texas DX Society	1,198,449
Bay Area Wirelerrs Association (W9)	1,065,027
Kansas City DX Club	998,919
Green River Valley ARS (W7)	950,415
Salt City DX Association (W2)	681,405
South Jersey DX Association	599,985
Western New York DX Association	577,105
Downey ARC (W6)	511,197
West Park Radiops (W8)	497,977
Utah Dixie DX & Contesters	492,906
Pike's Peak DX Group (W0)	473,387
Central Oregon DX Club	468,845
Metro DX Club (W9)	448,058
Southeast DX Club (W4)	409,099
Virginia DX Contest Club	362,997
Mill-High DX Association (W0)	270,900
Azalea Coast ARC (W5)	242,929
Sterling Park ARC (VA)	227,255
Redwood Empire DX Association	208,571
Bergen ARA (W2)	94,026
Southwest Missouri ARC	91,182
Great South Bay ARC (W2)	40,250
North Alabama DX Club	24,674



an entrant's submission authenticity. Unfortunately, a very few entrants continue to claim the impossible. When these entrant's reach the level of a very high-profile log, it must be checked thoroughly. Fortunately, as you can see from the CQ WW CC list at the end of this article, the committee consists of many contesters who are truly experts. The CQ WW CC also consists of members who are directors past and present of other well-known contests—e.g., WAE, EUHFC, JIDXC, WPX, and the WRTC. These individuals bring a depth of knowledge of which we try to take full advantage. If you want try to be at the top in any category, follow the rules. Do not have another person help you if you are single operator. Do not use two signals at once. Make sure that all your TXs and RXs are within station limitations.

### Thanks

The CQ WW Contest Committee wants to thank all the entrants who make the CQ WW the event each year. We do our best to assure that the results are true and accurate. The results require hundreds of hours of work by a lot of people. The members of the CQ WW CC who provided labor and insight in creating these results are: K1DG, K1AR, K3WW, K3ZO, K3LR, KR2Q, N2AA, N2NC, N3ED, N9RV, W3ZZ, K1AR, KM3T, KT3Y, W5OV, N5KO, K6AW, and N8BJQ. The logs were received and processed by Larry, N6TW, and the scores were developed by Dick, N6AA. The CQWW records are maintained by N2NC and K3EST. Thanks to John, K1AR, for his advice and hard work to make the CQ WW so successful. Our CQ WW CC members who are DX advisors were very helpful in offering advice, providing information, and sorting out potential problems: CT1BOH, DL6RAI, EA3DU, F6BEE, G3SXW, I2UIY, JE1CKA, OH2KI, OH2MM, OK2FD, PY5EG, S50A, UA9BA, VA7RR, VE3EJ, and E21EIC.

If you plan to participate in the 2007 CQ WW contests, you are on the track to having a lot of fun. Congratulations to all the participants and winners on all levels! CU in the 2007 contests!

73, Bob, K3EST

### DX QRM

**403B:** Went south. Got heck out of aurora oval. Came home happy! Dam, missed KH7X and NL7Z. 40 zones on 80 were in reach! **5Z4LS:** Disastrous theft of rigs and laptop on Saturday evening. Condx quite good for sunspot minimum especially on Sunday. **6W1RW:** Great conditions on low bands. Ten was open with no wild pile-ups as on other bands. Again a very nice contest. **7S2E:** Lots of stations on 40. The 99w helped me get 100 DXCC countries with some aid of the cluster. Fun to work some contest again, although the aurora tried to mix it up for me. Thanks for hearing me and see you in future contests. **8P6SH:** Seemed like good condx on 40m. Pity I couldn't spend more time on the radio. **9A4WW:** I've been trying to test new antenna during the contest and it works well. Yet another great weekend for putting antenna up and down. Nice conditions and interesting contest. See you all next year! **C6ATA:** Conditions were down from a few days before the contest, but still good enough for a claimed 40m low power world record! I just used

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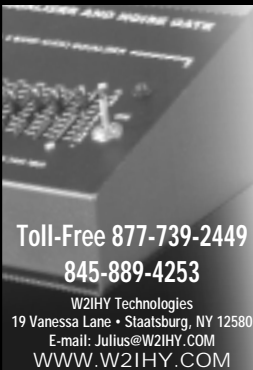
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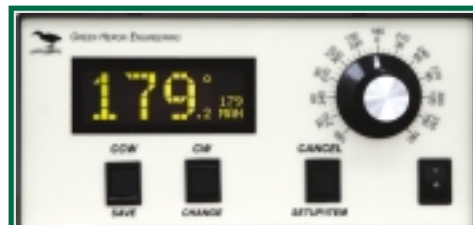
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two verticals on the beach pointed northeast, from a great location on Eleuthera. Many thanks for the QSOs (op K2KW). **CN2R**: Condx were great! I should have operated the full 48 hours. Not enough sleep before the test due to dog eating coax problems. The JA's were loud on short and long path. The band never closed. Tnx for the QSOs. **CO8ZZ**: I lost my CT's interface so I used the keyer for very first time in years. Too much local noise and work to do. However, I really enjoyed as always. Worked several interesting countries! **DK2PH**: Never expected to work all continents and 23 zones on 10m in sunspot minimum.

**DQ4W**: Great low band condx produced excellent signals on 160 to NA during the first night. **EA8CN**: Computers are fantastic. Due to them I've been able to save the logs from before. Thanks to them I can say that we've left the low sunspot cycle and are on the way "up." Last year I could work USA on an "anyway sort of wire antenna" on 160m and the 10m band was almost dead. This year I could hardly work any stations on 160m and had a fantastic "go" on 10m. Looking forward to coming years. **EI2JD**: Great contest. Nice to see 10m open and all other bands were great. **EU1AI**: This year very good conditions on 15 meters. **F5UKL**: Thanks a lot for your answer to my call. DX had very good ears, but it is very difficult to find a free Hertz! Best 73 to all and see you next year. **G0CKV**: First CQ WW for more than 35 years. Had great fun. Did much better than expected with low power and wet string at 25 ft. **G3KKP**: Great contest as usual. Interesting conditions for a change. First CQ WW CW test for me was in 1958. Still cannot resist! **G3TXF**: Top band is the ideal place to be at the bottom of the sunspot cycle! A 160m dipole at 95 ft. and three different receive antennas were put up especially for the CQ WW CW contest weekend. **G5XV**: 10m opening was a dream especially to VK9AA and run to NA. **GI0KOW**: Antenna didn't work as well as expected, score suffered as a result! Antenna scrapped and replaced on the Monday morning after the contest with something better. **GM0B**: GM0B second entry for CQ WW CW. This time better prepared. Aurora inhibited play on Saturday/Sunday night but managed to keep things going on the lower bands. Top band antenna started acting up early on and did not work as intended. Conditions seemed poor compared to last year but excellent openings on 10m kept things moving along. Thanks to all who worked us.

**GU4YOX**: 160m was really the place to be this year. There will be some record scores! Great conditions at the sunspot minimum. **GW4ALG**: This was my fifth QRP entry in CQ WW. The highlight was working JA8RWU on 40m, so well done pulling my 5 watt signal through the noise! Incredible, just incredible. **HK0GU**: Great condx during the contest most of the time. My best result ever! I am really satisfied with the score for my little pistol rig. It was my first contest with activities on 160m. **HS0ZDY**: Vy good condx on 40/80. Worked EU/US on 80 with a sloper! Have not been contesting for 5 years. Fun to be back. **I2WIJ**: First serious SOAB LP from my home QTH in downtown Milan. I found 40m very noisy the first night, while 80 and 160 were simply amazing. Since we cannot have less than zero sunspots, can you all imagine what will we be able to do next year? **IR4X**: Our best CW score. Amazing low band conditions despite our poor antennas on 80 and 160. Congrats to the EA6IB's team, great number of QSOs and multipliers. Thanks all for calling us. **IZ0EHL**: This is my first CQ WW CW. Very very fun indeed and now I'm "falling in love" with CW more than in the past. **J41A**: Operating from a/p location high up in the clouds was a big challenge due to extremely high humidity and zero visibility. **JM1LPN**: Due to the operators' commitment over the weekend, we had to miss about 12 hours. The propagation was amazing on 40m with the polar path opening both toward NA and EU. Congratulations on some rare (for JA's) Caribbean stations which were booming on 40m! **KH7U**: The second night was "fill" night. S8 to S9 plus 30 noise. No fun. **KH7X**: Tough conditions from the Pacific. Thanks to all the good ears (op KH6ND). **KL2R**: Bands just so-so up here with aurora denting low bands on Saturday night and Sunday afternoon. Not as many multipliers worked as CQ WW SSB. **KP4US**: Better antennas equals more fun! N3BNA designed antennas this year and made a huge difference. KC9Z erected a full-sized 160m ground plane



John, KQ6ES, is an active zone 3 contester.

using a balloon. Wow! And being in the tropics always adds to the effort.

**LN8W**: Great contest again! Even when the condx are not that great this contest rocks. **LX7I**: Again a nice experience to work with this new team in the contest. We made a lot of improvements on the antenna system and still need to improve our antennas for better M/S results. We missed a lot of mults on 20m as this antenna is on the same tower as the 40m antenna. Thanks again for calling us. Cu again next year. **NL7Z**: Had some very good conditions the first night, but my best QSO was 8Q7DV at sunrise on Sunday. **NP3D**: After 15 years residing in USA, this was my very first CQ WW when I QRV from USA. All other contests I went out of states. **OH0M**: Partly poor propagation with aurora. Struggled to get zone 4, struggled to get to JA. Competition from immediate vicinity (OH0K eight miles away also worked SOSB 160) took care of the rest. Thanks to my hosts, the OH0Z gang! The station worked flawlessly! **P3F**: Great fun. First time in M/2 category. We'll be doing this again! **P49Y**: First ever CQ WW CW, and boy, do I have a lot to learn. It's a wonderfully fast-paced contest with constant strategy decisions to make. Really enjoyed the excellent low band condx. **PA2CW**: I'm grateful for all the great DX and expedition stations! **PJ4A**: Reunion of K4BAI, K1TO, and N4TO who op'd together as 8P9Z in 1999 WW CW. Great fun again this time, with surprisingly good condx on every band 160-10. Thanks to K2NG, W0CG, and KU8E for mega-help with logistics. **RA3XEV**: Good propagation on 21 MHz. Thank you for the interesting contest. Thanks to all hams who worked with me. All the best and I hope that we shall meet in next year. **S58J**: Incredibly good conditions on 80m. Managed to work 15 new ones (HK0, TZ, BY, etc.) and heard many others. I feel bad not being able to set up special RX antenna. Thanks to all 260+ US stations who called me during the contest. **TO5X**: First CQ WW from a DX location (Martinique). Certainly will not be my last. What a surprise to get the 10 meter opening. Was never able to run down the pile-ups on 40 meters. Thanks to all for making my first DX operation a success. A special thanks to my host in Martinique, FM5BH and his family. Next year will be operating as C91UN from Mozambique. Cu in the pile-ups (op K5UN)! **VE3FDT**: I like it. I like it! My second time after a 25-year break from ham radio. More than doubled my last year's QSOs and my points are up five times from the last year. Hmm, imagine where I will be in a few more years, if this trend continues. **VK4AN**: Nice band condx considering! Wish more SA/Carib. stns would look for Pacific in the pile-ups! Tks to all stns worked.

**VU2BGS**: It was a pleasure to work the U.S. stns. Every one of them I called came back on the first try! Great antennas. They have to hear this small stn running 70w into verticals. **YB6LD**: HC8N have great ears. Worked them on 4 bands on unmatched antennas. Should be able to worked them on 80 and 160 only no antennas there. **YW4D**: A blackout the first night made the contest hard, but had fun anyway. Thanks for the QSOs to everyone who called. Really cool being called by 5A7, 8Q7, and others; nice mults!

**ZS4TX:** First CQ WW CW from the new ZS9X contest station.

## USA QRM

**AE5X:** Put up my 80 and 160m antennas during the contest. Highlight was working Hawaii on 160 and New Zealand on 80 from my New York QTH. **K2MFY:** At the start of the contest around midnight (EST), worked R1ANC in Antarctica on a dead 20m band. He was QRS at about 5 wpm. **K4XD:** Thanks all for QSOs. First CQ WW and goal was 50k points. Surprised with result! Lots of new band-entities for me on 80m and 40m. Can't wait for next year! **K6CU:** Those boys in zones "30-something" can really hear! Much tougher using 100w and vertical than being up at multi-multi, but lots of fun! **K6DBG:** My first CQ WW. Quite a challenge at QRP levels! **K7FL:** Excellent conditions on 80m from Pacific Northwest USA to Europe short path. **K8GL:** Great time! Thank for contest! 5A7A was the "expedition of the year." **KD3TB:** Great contest, even with the poor band conditions. I was surprised to find an openings to Africa, Japan, and Asia. **KT1V:** Had the absurd goal of working most of the zones and 400 EU's on Top band. Managed most of the zones (barely) and 350+ EU's. I love the sunspot minimum! **N0XM:** I remain in awe of how well so many CW ops keep their "Q runs" so high. **N4GN:** Had a rotor failure and other issues, so decided at last minute to do 80-meter single band. Never expected to work 100 countries and 30 zones with an inverted Vee at only 80 feet! **N6NO:** Portable operation from Worcester, MA using 100w and G5RV at 25 ft. Just looking for new countries on 80m and found CQ WW to be a most productive opportunity with abundant world class stations and ops!

**N8ET:** Had another great time this year in the QRP class. Once again it looks like someone from the East Coast beat me! Already planning changes for next year. I am getting closer, hi! **NN0Q:** Sometimes I'm amazed at who I contact. Sometimes I'm amazed at who I can't contact. **W1NR:** Great contest. Great conditions. Too tired from climbing towers the day before. Poor field mouse got into the 160m shunt feed loading cap half hour into the contest. What a stench! **W7CT:** Thanks to Mike, NI7T, for letting us use his fine station to participate in this event. **W7DRA:** I monitored each transmission of the transmitter output power level with my Eico 723 power meter, adjusting output power with my antenna tuner to read on the power meter approximately 95 watts single 211 final amplifier. Another thing, please don't change the rules! **W7GH:** My first DX contest. Great fun and many new DXCC entities, even with just a few hours and 12w to a vertical at the bottom of the sunspot cycle. **W7IZL:** Poor band conditions but a lot of fun! **W7SW:** Excellent! Mni tnx gang! **W8GOC:** Nice to hear African stations on 10m. **W8QZA:** I put up a new Butternut HF-2V vertical antenna about a week before this contest to use on 80 meters. It turned out to be a huge improvement over my old DX-lb trap dipole. With QRP power, I was able to work 19 countries in 13 zones from the West Coast on 80m. That is more than I have worked over the last 15 years using my DX-lb!

**W9MS:** For a sunspot cycle low, conditions were very good from the Midwest! **W9RE:** Really great to work so many multipliers! **WA1FCN:** Wow what a pleasant surprise 40 meters turned out to be. Even beat my New England effort for 40 meter low power. **WA5SOG:** Great time in a great contest. Even had a small 10m opening! **WA7NB:** First time on from 7-land. Very different propagation especially on 7 MHz. **WB0CW:** Lots of good signals and lots of QRMers. First WW in a while. New antennas, new call, and a little bit of extra energy, but father time marches on. **WB2WPM:** Nice to see some openings on 10m. **WB6JJJ:** This was my first time in real CW contest. Whew. It was all search and pounce. Jerry, K6III, stopped by for a while Saturday afternoon. Thanks, Jerry. I could have used a second Yagi or a SteppIR antenna when stations both east and west were on at the same time. It would have saved some wear and tear on the rotor. Still, it was a lot of fun even with my long call. **W07T:** So many nice African openings to the west even at sunspot minimum. Very exciting. **WR2G:** Poor cndx but still fun to play. **WX4G:** Great contest. Lots of stuff on 80 and 40!

(Continued on page 103)

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Number groups after call letters denote following: Band (A=all), Final Score, Number of QSOs, Zones, and Countries. An asterisk (\*) before a call indicates low power. Certificate winners are listed in bold. (All country terminology reflects the DXCC list at the time of the contest.)

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NORTH AMERICA**

**UNITED STATES**

K5ZD/1	A	8,188,086	4120	159	540
W1KM		5,647,740	3346	143	452
NN1N		4,680,368	2784	148	468
K1ZZ		4,669,509	2524	151	512
K1DG		4,258,200	2629	135	465
W1WFE		3,693,377	2379	133	444
K02M/1		3,178,916	2142	131	410
W1UK		2,405,550	1571	127	426
W1AO		2,192,634	1490	122	421
W1FJ		2,122,000	1560	121	379
K1NQ		1,492,598	1230	111	355
W1CSM		1,252,504	991	114	359
W1ZK		785,260	738	106	289
W1ZT		711,095	679	91	294
K1BV		488,874	624	68	229
K5MA/1		484,068	580	82	239
N3KC/J1		341,806	475	77	221
W1FM		251,056	372	80	192
AK1N		221,306	305	87	196
W7OT/1		196,416	339	66	182
K1RU		135,720	265	59	136
N1JW		107,304	216	65	139
K1SND		73,232	200	57	127
K1SEZ		60,024	164	50	114
K1LL		32,118	130	26	75
K1RV		7,920	47	4	42
K2SS/1	21	472,752	1127	29	118
N1YU	14	712,140	1526	37	128
		(OP: S56A)			
W1MU		474,848	1096	33	119
K1RM		263,088	644	34	110
K1IM		150,040	534	25	85
KD1OG		256	13	7	14
W1XX	7	21,312	109	22	52
W1MK	3.5	520,264	1390	32	104
K1LZ	**	523,772	1393	32	116
		(OP: LZ1YO)			
W1HI		67,508	247	23	82
KN1H		1,610	34	12	23
KT1V	1.8	131,560	515	20	90
N1CGP		3,996	50	13	24
*N1UR	A	2,277,212	1748	113	374
*W1AS		1,972,638	1390	126	396
*KS1J		1,396,060	1209	99	316
*W1JU		1,116,115	919	107	348
*K1HT		909,440	802	96	310
*W2JU/1		829,920	736	103	317
*K1IB		737,536	824	80	264
*N4XR/1		593,940	589	95	285
*K1TN		435,597	528	80	241
*AK1Q		397,532	505	76	222
*W1ECT		256,088	475	70	219
*W1ECH		171,616	292	70	178
*K7JE/1		161,394	290	64	158
*K1VSJ		157,560	287	55	147
*KBIT		151,492	257	74	168
*AB1FY		133,100	214	74	168
*NJ1H		112,716	230	63	139
*K1EP		104,832	252	58	134
*K1KAV		92,442	196	59	127
*N7FE/1		65,965	204	44	113
*AE1T		65,254	161	54	104
*K2KQ/1		64,206	133	50	124
*KX1E		41,528	151	32	84
*W1HBR		37,872	179	41	103
*W1OHH		36,515	138	33	76
*AJ1E		34,704	126	49	95
*K1KU		22,890	105	30	75
*K1VMG		18,542	129	41	86
*N1LU		16,192	87	32	60
*K1AU		48	3	3	3
*W1JUD	7	8,607	56	16	41
		(OP: WV1K)			
*NX1C		3,122	38	12	25
*K2LP/1	3.5	2,610	82	12	41
*K1PX	1.8	12,432	93	13	43
		(OP: L24A)			
N2LT	A	3,960,600	2291	153	462
N2MM		2,509,770	1839	132	406
K2NV		2,106,220	1432	133	397
W2LC		1,962,961	1529	118	363
N2ED		1,166,251	923	121	406
K2FU		1,063,566	842	119	364
AB3CV/2		687,029	740	87	256
K2XF		598,292	564	95	306
K2JOP		527,528	524	99	277
W2BWM		343,072	458	70	214
W2ZYSJ		139,070	248	68	162
N2YB		116,412	250	82	185
W2UDT		102,309	227	65	136
W2RZS		88,176	238	45	122
		(OP: WB2NVR)			
W2TB		73,005	174	40	117
K2CJ		37,950	124	31	79
N2VM		30,134	112	41	81
K2NB		23,040	116	17	63
W2RR	28	1,153	20	9	16
K2NMZ	21	9,805	73	19	34
KE2WY	14	129,739	384	31	106
N2BZP		13,090	83	24	53
N2MF	7	414,170	958	35	131
W2XL		180,911	523	31	109
N2ZC	3.5	143,352	409	20	103
N2XZ		117,040	116	17	63
W2VO	1.8	26,878	140	19	70
N2TA		23,760	129	19	71
*K2PS	A	1,454,407	1232	105	334
*WB2AA		806,784	771	95	289
*W2NP3D		743,808	857	99	285
		(OP: EW1AR)			
*N2ZN		396,720	504	61	224
*K2UF		298,274	408	81	212
*K3OX/2		201,622	293	82	189
*N2JT		168,096	303	46	160
*K2WJ		137,843	276	60	153
*W2ZJK		132,995	339	85	250
*W2LHL		123,062	227	71	159
*K2DMX		110,770	229	68	141

*K2CS	*	108,100	222	55	133
*W2CVW	*	89,294	188	59	138
*K2YLH	*	52,614	172	51	107
*AI2J	*	48,848	163	44	98
*WA2MCR	*	44,330	135	52	103
*AESX/2	*	34,036	115	47	87
*WA2BMH	*	31,030	106	32	75
*N2LO	*	28,600	120	52	78
*N2LK	*	21,576	97	33	60
*K2TV	*	2,014	29	16	22
*KC2KME	*	1,880	40	14	26
*W2DX	*	1,800	23	20	20
*W2ZCC	*	459	11	6	11
		(OP: K2CS)			
*N2OPW	*	350	10	6	8
*WB2AIV	*	24	2	2	2
*K2MFY	*	155,084	419	30	107
*KR2AA	*	107,991	342	24	93
*W2AWE	*	101,010	331	25	86
*WA2VQV	*	6	1	1	1
*W1TY/2	7	4,940	52	18	34
*K2TA	3.5	79,893	309	18	81
*AI2N	*	27,534	146	16	62
*K2SZ	*	17,024	107	14	50
*K2YEH	*	2,490	29	9	21

*W3EQ	*	116,470	220	57	133
*K3GHH	*	106,752	214	52	140
*W6AAN/3	*	87,271	174	56	141
*K3CB	*	84,224	264	66	158
*N3XL	*	71,445	197	56	109
*W2DON	*	70,281	180	60	111
*N3ZK	*	26,536	143	35	72
*N9GG/3	*	6,090	56	26	44
*WA3OFF	*	2,652	30	14	25
*WY3X	*	1,440	32	16	24
*K3GW	21	26,076	126	19	82
*K1EFL/3	14	70,616	249	22	83
*AD8J/3	7	15,378	87	16	50
*N3GE	*	1	1	1	1
		(OP: K3GW)			
K3YV/4	A	4,076,982	2768	130	416
N2YO/4	*	3,776,208	2681	130	391
K3ZM/4	*	3,163,320	2147	127	413
N4TB	*	2,467,338	1605	137	436
N6AR/4	*	2,204,990	1361	144	478
W4RX	*	1,925,465	1392	139	396
W4G	*	1,724,472	1236	131	426
W4QM	*	1,334,316	962	119	383
N6ZO/4	*	1,270,876	905	125	429
W4PM	*	1,097,550	888	105	345

A3VA/4	*	14,259	66	39	58
K4OH	*	12,348	132	58	89
WA4GLH	*	6,348	70	31	38
N4UH	*	2,880	34	10	26
K4FJ	21	276,048	728	28	114
K4RV	*	57,057	143	30	113
K4SN	*	24,510	144	23	63
W4NZ	7	189,645	550	33	108
N4FC	*	11,984	77	14	42
N4CC	*	7,614	60	20	27
K9ES/4	3.5	180,703	609	31	106
N4GN	*	121,044	358	31	101
K4NXX	*	50,692	196	24	92
N4PM	*	124,248	491	26	98
K4PI	1.8	68,040	286	22	86
KK4SI	*	15,323	100	16	61
W4DR	*	10,805	62	16	53
W4TL	*	80	4	4	4
*W3AU/4	A	1,487,024	1101	118	379
		(OP: K4GKD)			
*N4YU	*	1,426,230	1192	110	367
*WJ2G/4	*	1,202,599	1239	108	293
N4JL	*	862,600	873	119	356
*W0AH/4	*	817,472	797	106	318
*AA4FU	*	676,940	684	92	282

*K4KSR	*	32,994	122	50	91
*K3MZ/4	*	31,784	113	36	80
*K4BX	*	27,438	101	38	64
*AC4PO	*	23,598	88	36	76
*W4HOSD	*	16,095	76	31	58
*W4UDX	*	5,440	82	32	53
*W4KPG	*	12,960	73	37	53
*W1WTG/4	*	12,351	61	36	48
*K4FTO	*	11,703	71	35	48
*W4ZPR	*	10,684	65	23	46
*N4V8	*	9,384	54	27	42
*K4OD	*	9,112	123	45	89
*N4JED	*	5,472	49	18	30
*K4GFS	*	13,778	74	28	55
*AA4KD	*	4,505	38	25	28
*W4GNS	*	4,437	54	34	53
*K2VX/4	*	3,068	45	20	32
*AE4EC	*	2,378	68	34	48
*W4BCG	*	1,419	26	19	24
*K04OL	*	640	18	8	12
*K14MM	*	222	46	18	19
*WB5NMZ/4	*	87,750	15	6	10
*W4X	28	23,942	128	21	57
*K4WI	*	9,100	71	17	33
*WB4TDH	21	178,087	480	30	103
*N4JL	14	240,640	563	35	125
N4MO	*	191,664	554	31	101
*K4NVJ	*	41,881	156	23	76
*W3TB/4	*	4,223	41	13	28
*N4PSE	7	111,915	318	31	104
*N4HC	*	69,324	235	24	85
*WA1FCN/4	*	68,540	264	27	88
*WA2SQ/4	*	13,763	81	19	51
*N4TD	*	8,896	50	14	50
*N4NT0	*	912	25	9	15
*N2WN/4	3.5	91,839	298	27	94
*K7CMZ/4	1.8	8,320	68	12	40
*KR4OW	*	2,420	45	11	33
*NA4CW	*	864	26	6	12
*N4AW	*	576	17	5	11
		(OP: K4WI)			
N2IC/5	A	4,065,227	2390	168	461



RK00A	*	171,995	545	67	138	*J1K3HN/1	*	130,935	274	80	123	*J4SCQH/4	*	37,210	153	54	68	EY7AF	7	18,056	94	15	59	LZSA	*	2,641,584	3544	123	405
RU0AJD	*	151,360	334	68	152	*J1H1NU	*	124,584	291	69	110	*J4H0YA	*	585	14	9	12	LZSX	*	889,770	1368	101	298	LZ2PL	*	237,069	629	65	148
RW0CF	*	131,689	287	89	150	*J1XJFW	*	121,737	294	78	109	*J4MMMO	14	181,740	559	37	9	LZ3G	*	183,960	335	32	145	LZ2PG	*	183,960	335	32	145
RW0LO	*	126,420	267	81	129	*J1R1KA	*	116,440	322	44	98	*J4R4LW	*	6,077	43	23	36	LZ5W	21	268,975	1027	65	213	LZ2M	28	268,975	1027	65	213
UA0SR	*	94,772	337	55	117	*J1X1PU	*	116,280	279	68	112	*J4R4RW	7	16,872	120	21	36	(OP: LZ5W)	*	237,069	629	65	148	LZ2PG	*	183,960	335	32	145
RU0SN	*	84,194	201	49	129	*J1X1BU	*	106,066	234	70	111	*J4SRB	A	28,482	128	43	58	HS0AC	A	747,520	1429	70	186	LZ2M	28	268,975	1027	65	213
UA0GZ	*	66,654	265	65	96	*J1X1BU	*	98,640	240	67	103	*J4R5XU	21	1,182	42	17	24	HS0DZ	21	72,114	303	28	74	LZ2M	28	268,975	1027	65	213
RA0SS	*	24,720	96	33	70	*J1O1ZI	*	93,229	215	71	110	*J4JSEC	4	3,348	34	24	30	HS0ZF	14	220,500	1032	33	92	LZ2ZG	*	41,768	232	26	66
UA0CV	*	21,344	85	63	63	*J1AM1WK	*	70,992	258	57	97	*J4J60L	A	429,336	667	101	166	HS0ZEE	A	18,165	103	38	67	LZ4TX	7	340,296	1856	30	102
RW0BG	*	5,768	57	21	35	*J1AI1WV	*	61,776	180	57	87	*J4B6Z1	28	17,892	181	26	45	HS0KGG	A	2,346	34	20	26	LZ3VY	*	5,559	97	9	42
UA0SC	*	2,835	32	21	24	*J4G10VV	*	61,722	162	66	96	*J4B6Z2	7	149,842	465	34	120	*E211ZC	14	27,816	294	24	52	LZ9A	3.5	279,370	1618	30	100
RU0AE	*	2,280	23	15	23	*J4I1RRA	*	60,536	184	68	93	*J4B6Z3	3.5	187,416	718	31	83	LZ1PM	*	74,375	746	16	67	LZ1PM	*	74,375	746	16	67
RU0AW	7	192,832	664	33	98	*J4NOCC	*	54,500	207	51	74	*J4B6F1	A	501,732	657	109	199	LZ29R	A	1,609,498	2122	102	385	(OP: LZ9Y)	*	299,900	684	60	196
RU0LL	3.5	76,160	585	28	52	*J4ICPZ	*	54,306	168	51	75	*J4B6Z4	28	17,892	181	26	45	LZ1T00	*	385,329	949	79	232	LZ2X0	*	381,420	859	92	234
*RK0UT	A	795,438	1240	97	224	*J4IE	*	51,614	173	58	73	*J4B6Z5	3.5	187,416	718	31	83	LZ2X0	*	381,420	859	92	234	LZ2X0	*	381,420	859	92	234
*RAGALQ	A	368,896	112	72	184	*J4IB1U	*	49,288	160	55	67	*J4B6Z6	A	88,146	213	64	102	LZ2X0	*	381,420	859	92	234	LZ2X0	*	381,420	859	92	234
*RWAJ	*	343,914	577	76	182	*J4IFRO	*	40,165	130	65	80	*J4B6Z7	A	15,656	87	30	46	LZ2X0	*	381,420	859	92	234	LZ2X0	*	381,420	859	92	234
*UA0ABB	*	310,960	550	55	175	*J4IEGQ	*	32,582	143	49	58	*J4B6Z8	21	123,168	504	31	65	LZ2X0	*	381,420	859	92	234	LZ2X0	*	381,420	859	92	234
*UA0CWX	*	302,800	969	74	126	*J4ISRCN	*	30,847	121	44	65	*J4B6Z9	14	11,989	126	25	40	LZ2X0	*	381,420	859	92	234	LZ2X0	*	381,420	859	92	234
*RV0AL	*	251,812	603	62	132	*J4I1HJG	*	26,299	124	41	50	*J4B6Z10	A	2,484	34	13	23	LZ2X0	*	381,420	859	92	234	LZ2X0	*	381,420	859	92	234
*UA0SDX	*	179,893	409	69	148	*J4INSRS	*	24,610	122	45	62	*J4B6Z11	A	2,484	34	13	23	LZ2X0	*	381,420	859	92	234	LZ2X0	*	381,420	859	92	234
*RK0SK	*	122,111	301	64	123	*J4IB1VY	*	22,860	113	34	56	*J4B6Z12	A	1,570,444	1791	113	229	LZ2X0	*	381,420	859	92	234	LZ2X0	*	381,420	859	92	234
*UA0DFX	*	47,334	200	52	86	*J4IRRRK	*	21,805	124	36	53	*J4B6Z13	A	1,153,068	1260	126	245	LZ2X0	*	381,420	859	92	234	LZ2X0	*	381,420	859	92	234
*UA0GZ	*	46,561	248	44	57	*J4I1ANF	*	10,717	217	11	21	*J4B6Z14	A	753,651	897	119	190	LZ2X0	*	381,420	859	92	234	LZ2X0	*	381,420	859	92	234
*RU0AT	*	20,817	127	23	58	*J4I1EMO	*	17,982	109	39	42	*J4B6Z15	A	387,090	525	114	192	LZ2X0	*	381,420	859	92	234	LZ2X0	*	381,420	859	92	234
*UA0QNV	*	12,168	98	32	46	*J4I1WHG	*	17,017	91	34	43	*J4B6Z16	A	274,540	527	91	121	LZ2X0	*	381,420	859	92	234	LZ2X0	*	381,420	859	92	234
*UA0WL	28	10	4	4	4	*J4I1BFN	*	15,810	110	29	38	*J4B6Z17	A	64,124	179	64	100	LZ2X0	*	381,420	859	92	234	LZ2X0	*	381,420	859	92	234
*RAGAJ	21	128,898	549	26	73	*J4I1WQX	*	13,362	79	34	44	*J4B6Z18	A	112	9	8	8	LZ2X0	*	381,420	859	92	234	LZ2X0	*	381,420	859	92	234
*UA0LQO	14	25,188	138	30	64	*J4NACLI	*	10,659	75	24	27	*J4B6Z19	A	76,038	392	30	39	LZ2X0	*	381,420	859	92	234	LZ2X0	*	381,420	859	92	234
*RNOJN	*	12,424	89	23	45	*J4I1KNI	*	6,420	66	25	35	*J4B6Z20	A	96,480	572	24	48	LZ2X0	*	381,420	859	92	234	LZ2X0	*	381,420	859	92	234
*UA0SAD	3.5	19,116	167	17	42	*J4I1SJM	*	4,494	48	23	25	*J4B6Z21	A	4,416	65	11	13	LZ2X0	*	381,420	859	92	234	LZ2X0	*	381,420	859	92	234
*RWDAG	*	15,963	184	14	37	*J4I1CAC	*	4,250	49	24	35	*J4B6Z22	A	4,416	65	11	13	LZ2X0	*	381,420	859	92	234	LZ2X0	*	381,420	859	92	234
*RK0UN	1.8	180	21	8	7	*J4I1WVW/1	*	4,944	48	23	25	*J4B6Z23	A	4,416	65	11	13	LZ2X0	*	381,420	859	92	234	LZ2X0	*	381,420	859	92	234

*OK2BTJ	*	78,407	300	40	121	ES1GE	7	299,640	1091	35	130	*RL3AF	*	171,080	505	52	183	*R210M	*	5,324	50	17	27	*F6DDR	7	84,018	469	29	105
*OK2PMA	*	77,200	319	37	156	*ESAMM	A	117,602	279	70	184	*RX3RB	*	168,480	506	53	181	*UA4NU	*	1,612	28	12	19	*F5PWH	*	69,542	425	21	88
*OK2BND	*	76,650	280	39	136	*ES7FU	*	78,384	317	41	143	*UA3OUO	*	162,350	337	73	197	*UA6LEX	*	624	25	8	16	*F9PK	*	64,363	378	22	86
*OK1BLU	*	59,792	326	53	149	*ES4RD	14	140,722	513	31	111	*RD3QJ	*	160,020	412	62	185	*UA9OC/P3	*	308	9	5	9						
*OK1SAT	*	47,950	227	32	105	*ESSRY	7	271,755	1121	35	130	*RW6BN	*	161,652	485	55	173	*RU4SU	7	325,480	1396	35	123						
*OK1STM	*	39,785	171	36	73	*ESBDH	*	6,270	82	14	41	*UA6GC	*	155,949	486	56	173	*RW6FO	*	150,664	740	30	118						
*OK2BH	*	37,380	202	37	218	*ES3RD	3.5	49,584	589	10	61	*UA6AC	*	154,257	363	49	158	*R24AG	*	77,020	261	20	82						
*OK2VP	*	31,488	145	41	82	*ES3RF	1.8	18,886	235	10	61	*UA31TN	*	153,438	450	60	193	*UA6BE	*	65,461	329	28	93						
*OK2ZWJ	*	27,354	196	25	72							*RN1NU	*	151,656	414	72	195	*RW6AHO	*	33,826	326	21	69						
*OK2AJ	*	24,400	226	17	57							*RU3DM	*	175,510	258	86	192	*R23VA	*	23,400	225	14	64						
*OK1SRD	*	7,370	88	21	46							*UA4LS	*	145,951	455	56	184	*RU4CO	*	13,317	132	16	53						
*OK5AD	28	275	11	5	6							*UA4PJM	*	141,681	438	63	186	*RA3DTN	*	11,775	85	19	56						
*OK1FDR	21	288,673	772	35	128							*UA3EAY	*	141,470	419	52	163	*RW3FX	*	7,830	97	13	45						
*OK2N	*	203,840	579	36	124							*UA4FUW	*	136,502	317	73	189	*R33AA	*	4,500	63	12	38						
*OK1CZ	*	90,388	340	22	89							*RANNC	*	127,573	495	43	150	*R33FY	3.5	88,230	361	20	82						
*OK1ARQ	*	14,586	93	24	29							*UA3AOM	*	127,559	495	41	158	*R33VJ	*	59,856	530	18	66						
*OK1KZ	*	7,353	73	14	29							*UA3VLO	*	127,387	363	49	190	*UA4AQL	*	48,048	458	17	67						
*OK3C	14	287,313	950	36	123							*UA4OK	*	125,382	362	59	180	*UA4CC	*	47,904	380	19	77						
												*RA3FU	*	120,560	303	68	152	*UA3WU	*	36,855	407	18	63						
												*UA1CE	*	120,338	480	46	162	*RW3WM	*	36,490	330	18	71						
												*RX3RZ	*	117,783	394	52	155	*R33AW	*	32,376	320	15	61						
												*UA3OGT	*	116,508	476	61	167	*R23AM	*	18,846	286	8	46						
												*UA4FCO	*	107,855	432	34	151	*R33ATG	*	14,763	241	10	47						
												*RX3AC	*	84,902	292	58	161	*R23AU	*	4,562	71	9	11						
												*UA5MM	*	102,483	359	50	127	*R33UAC	1.8	29,888	406	9	55						
												*RK6AQM	*	98,604	361	47	151	*R33ZC	*	23,380	285	12	58						
												*RW3WX	*	96,040	351	48	148	*R33AL	*	15,950	282	8	47						
												*RD3BE	*	94,810	239	51	139	*R23ZU	*	14,931	193	10	53						
												*RU3XY	*	93,548	457	35	147	*R4AK	*	7,332	124	7	40						
												*UA6HCA	*	91,500	358	56	127	*UA4SAW	*	6,125	91	9	40						
												*R4LBS	*	85,008	304	47	137												
												*UA4PAY	*	84,902	292	58	161												
												*R4WMA	*	84,778	432	43	151												
												*R4WMA	*	84,778	432	43	151												
												*R33AGD	*	73,431	213	61	138												
												*R4W4D	*	69,934	390	30	116												
												*UA3AMZ	*	69,342	283	45	137												
												*R4M4M	*	68,766	259	46	100												
												*R33ZT	*	63,040	179	68	129												
												*R33TH	*	62,624	268	44	108												
												*R33MR	*	62,208	234	32	100												
												*R4M4W	*	60,213	308	34	125												
												*R33BQ	*	59,982	240	45	118												
												*R33BQ	*	58,650	261	39	111												
												*R33MB	*	54,162	209	45	132												
												*UA3DAM	*	53,475	245	44	111												
												*R33ATN	*	53,053	288	34	109												
												*R33SS	*	52,080	198	40	128												
												*UA3DSS	*	49,335	149	54	111												
												*R33DQ	*	48,077	201	41	95												
												*R33DQ	*	47,620	300	48	120												
												*R33QJ	*	46,900	252	28	106												
												*R33VQ	*	46,900	252	28	106												
												*R33VQ	*	46,900	252	28	106												
												*R33VQ	*	46,900	252	28	106												
												*R33VQ	*	46,900	252	28	106												
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												*R33VQ	*	46,900	252	28	106												
												*R33VQ	*	46,900	252	28	106												







Table listing amateur radio call signs, frequencies, power, and operators. It includes call signs like \*V17DX, \*V55AA, and \*W7VQP, along with call signs from P40A, K4F, and W17. The table lists frequencies, power levels, and the names of the operators or stations.

ASSISTED NORTH AMERICA UNITED STATES



