

Results of the 2009 CQ WW WPX CW Contest

BY RANDY THOMPSON,* K5ZD



Bodo, DL3OCH, used this impressive curtain array of 16 dipoles as 5N00CH during the contest. This antenna will be used for commercial broadcasting once it is put into service.

The 51st running of the WPX CW Contest on May 30–31, 2009 fell on a rare fifth weekend in the month of May. This moved the contest away from its usual conflict with bank holidays in Europe and the Memorial Day holiday in the United States, enabling many contesters to participate without having to share their time with holiday or family activities. The result was a record number 3,649 log submissions and 44 new World or Continent records!

Big scores result from big multipliers. The multi-operator team at UU7J surpassed all others with 1311 prefixes (just two short of the all-time record set by DR1A last year). They were followed by WE3C (1274) and NR4M (1267). Among the single operators, the top prefix hunters were CU2X with 1066 and VY2TT with 1054. There were 60 entries with 1000 or more prefix multipliers—almost double last year!

Conditions were much better than for the WPX SSB contest. Some participants reported conditions as only being fair, while others raved about excellent over-the-pole openings. UP2L worked 940 North America stations on 20 meters, a direct polar path from Kazakhstan. Sporadic-E provided excitement on both 10 and 15 meters, with double- and triple-hop contacts providing score-boosting DX contacts. KD4D reported 21 contacts with Europe on 10 meters. The low bands experienced QRN in both Europe and North America. Top band winner LY2IJ was only able to work 15 stations outside Europe.

Many competitors find it helpful to set a goal for their operation. KH7XS had high expectations with his goal to “break the old Oceanic record set near the top of the last solar cycle.” He did it by a comfortable margin. N1LN

defined his effort from NC4KW very clearly: “Goal 1 was to make 1M points. Goal 2 was to log 1000 Qs.” Mission accomplished. NG7Z’s goals were more modest: “Break 200 Q’s and get at least one contact on every band.” He did it in less than five hours of operating time. Regardless of goals or expectations, WO1N is probably not the only one to feel “...a bit of contesters’ remorse. When it was over I was bummed I didn’t spend more time...”

Not everyone in the contest was measuring their success by the numbers. For KE1HA, “This was my first CW contest ever.” The multi-op team at NM7D reported: “We all had fun and learned a lot in our first try at this operation.” KL8DX summed it up this way: “Limited time but unlimited fun.”

Single Operator, All Bands

The Single Operator High Power category pitted two experienced contesters in locations with access to Europe on all bands. Valery, RD3AF, operated EF8M to a new World record score, narrowly taking the victory over Hrane, YT1AD, operating as 3V9A. Slightly more contacts on 40 meters made the difference. Hrane did earn the trophy for top combined score from both modes.

The surprise performance of the weekend was the third-place finish of Ken, K6LA, operating from VY2TT. Making the world top three from Canada is a rare accomplishment. Ken also broke the North American record set way back in 1999! In fourth place, with a new Asia record, was Andy, UU0JM, operating from 4L0A. Toni, OH2UA, made another trip to the Azores to set a new European record and sixth place overall.

In the USA, Alex, LZ4AX, piloted the KC3R station to ninth place in the world and a new

USA record. Randy, K5ZD, at AK1W and Dick, WC1M, were close behind, with logging accuracy determining the order of finish between them. Bud, AA3B, and Kamal, N3KS (operating WM3T), rounded out the USA top five. Kamal’s score, plus his victory on SSB, earned him the trophy for top USA combined score.

On the European continent, Serge, RA3CW, operated RS3A to a nice finish, while Tine, S50A, finished a comfortable third. The next seven places in the European Top Ten were all grouped within 10 percent of each other. Andy, DL3YM, moved to the top of the group by having a very accurate log. RM3F (Andy, UA3DPX) ended up just a few points ahead of another Russian special call RG6G (Alexey, RW6HX).

Single-Operator All-Band Low Power

The Single Operator Low Power category offered an interesting mix of expeditions and home stations. Yuri, VE3DZ, visited Bermuda to take the top spot after finishing second in 2008. Yasar, TA3D, used the special call YM3D to take second. Eric, K9GY, went back to Nicaragua, this time with the call YN2GY, and worked around thunderstorms that impacted his operating plans.

Ed, N1UR, operated as NV1N to take fourth in the world and his third USA victory in four years. Maury, W3EF, took his first try at the WPX contest. Family obligations prevented Maury from operating the full 36 hours, but he still finished second in the USA. Will, WJ9B/4, moved down a spot from last year to take third. John, K9QVB, did a great job from Illinois to finish fifth. Peter, K2PS, finished sixth in his last contest before moving to a new location.

The race for top low power score in Europe was among three stations. Gedas, LY9A, had

*e-mail: <k5zd@cqwpx.com>

TROPHY WINNERS AND DONORS

SINGLE OPERATOR ALL BAND

WORLD: Steve Bolia, N8BJQ Trophy. Won by: **EF8M** operated by Valery Komarov, RD3AF
WORLD Low Power: Caribbean Contesting Consortium Trophy. Won by: **VE3DZ/VP9** operated by Yuri Onipko, VE3DZ
WORLD QRP: Bill Parker, W8QZA Trophy. Won by: **Dragan Djordjevic, 404A**
USA: Dennis Motschenbacher, K7BV Trophy. Won by: **KC3R** operated by Alexander Avramov, LZ4AX
USA Low Power: Ken Boasi, N2ZN Trophy. Won by: **NV1N** operated by Edward Sawyer, N1UR
USA QRP: John T. Laney, K4BAI Trophy. Won by: **Gary Hembree, N7IR**
USA Zone 4 High Power: Society of Midwest Contesters Trophy. Won by: **KT5J** operated by Steve London, N2IC
USA Zone 4 Low Power: Society of Midwest Contesters Trophy. Won by: **John F. Meyer, K9QVB**
USA Zone 3 High Power: Northern California Contest Club Trophy. Won by: **NY6N** operated by Daniel M. Craig, N6MJ
USA Zone 3 Low Power: Arizona Outlaws Contest Club Trophy. Won by: **WV7Q** operated by Michael Dinkelman, N7WA
EUROPE High Power: Ivo Pezer, 5B4ADA/9A3A Trophy. Won by: **CU2X** operated by Toni Lindén, OH2UA
EUROPE Low Power: Vitor Santos, PY2NY Trophy. Won by: **Gediminas Lucinskas, LY9A**
EUROPE QRP: Julius Fazekas, N2WN Trophy. Awarded to: **Antonin Bechyna, OK7CM**

AFRICA: Chris Terkla, N1XS Trophy. Won by: **3V9A** operated by Hranislav Milosevic, YT1AD
ASIA: Rick Tavan, N6X1 Trophy. Won by: **4L0A** operated by Andy Kazantsev, UU0JM
NORTH AMERICA: Louisiana Contest Club Trophy. Won by: **8P5A** operated by Tom Georgens, W2SC
NORTH AMERICA QRP: Dale Martin, KG5U Trophy. Won by: **Doug Ferris, VA3DF**
OCEANIA: Lloyd Cabral, KH6LC Trophy. Won by: **Bill Kollenbaum, KH7XS**
SOUTH AMERICA: David Kopacz, KY1V Trophy. Won by: **PJ2T** operated by Jim Fitzpatrick, W9WI
SOUTHERN CONE (CE,CX,LU): Tom Morton, K6CT Trophy. Won by: **Daniel Neves, CX9AU**

CANADA High Power: Radio Amateurs of Canada (RAC) Trophy. Won by: **VY2TT** operated by Ken Widelitz, K6LA
CANADA Low Power: Contest Club Ontario Trophy. Won by: **Alexey Yushin, VE2XAA**
JAPAN: Simone Candotto, IV3NVN Trophy. Won by: **Masaki Okano, JH4UYB**

SINGLE OPERATOR, SINGLE BAND

WORLD 28 MHz: Steve Hodgson, ZC4LI Trophy. Won by: **UP6P** operated by Yuri Loparev, UN6P
WORLD 21 MHz: Andrei Stchislenok, NP3D Memorial (W3UA/RA3AA sponsor) Trophy. Won by: **ZX5J** operated by Carl Cook, AI6V
WORLD 14 MHz: Gene Walsh, N2AA Trophy. Won by: **UP2L** operated by Vladimir Umanets, UA9BA
WORLD 7 MHz: 6Y1V Contest Station Trophy. Won by: **YW4D** operated by Paolo Stradiotto, YV1DIG
WORLD 7 MHz Low Power: Neal Campbell, K3NC Trophy. Won by: **9A7T** operated by Zlatko Maticic, 9A2EU
WORLD 3.5 MHz: Ranko Boca, 4O3A Trophy. Won by: **9A1CCY** operated by Sasa Pokorni, 9A3NM
WORLD 1.8 MHz: Dusko Dumanovic, ZL3WW Trophy. Won by: **Arunas Vaglys, LY2IJ**
USA 28 MHz: Paul Beringer, NG7Z Trophy. Won by: **WN1GIV/4** operated by Bob Patten, N4BP
USA 21 MHz: Charlie Wooten, NF4A Trophy. Won by: **Eric Silverthorn, NM5M**
USA 14 MHz: Kansas City DX Club Trophy. Won by: **Robert L. Shohet, KQ2M/1**
USA 7 MHz: Darin Divinia, WG5J Trophy. Won by: **Mike Tessmer, K9NW**
USA 3.5 MHz: Wes Printz, W3SE/ZL3TE Trophy. Won by: **Steven Sussman, W3BGN**
EUROPE 28 MHz High Power: SKY Contest Club Trophy. Won by: **UV1M** operated by Victor Yarovoj, UR5MW
EUROPE 21 MHz High Power: SKY Contest Club Trophy. Won by: **Milan Milovanovic, YT0Z**
EUROPE 14 MHz High Power: SKY Contest Club Trophy. Won by: **IU9T** operated by Fabio Grisafi, IT9GSF
EUROPE 7 MHz High Power: SKY Contest Club Trophy. Won by: **CT1JLZ** operated by Jiri Pesta, OK1RF
EUROPE 3.5 MHz High Power: SKY Contest Club Trophy. Awarded to: **RW2F** operated by Dmitri Gorshkov, UA2FB
EUROPE 1.8 MHz High Power: SKY Contest Club Trophy. Awarded to: **OL1A** operated by Vladimir Sladek, OK1CW

SINGLE OPERATOR ASSISTED

WORLD: D4C Station Trophy. Won by: **CN3A** operated by Stefano Brioschi, IK2QEI
USA: Ron Sigismonti, N3RS Trophy. Won by: **WK1Q** operated by Michael Keane, K1MK
EUROPE: Martin Huml, OL5Y Trophy. Won by: **IR4X** operated by Matteo Marzilli, IZ3EYZ

OVERLAY CATEGORIES

WORLD Tribander/Single Element: Helmut Mueller, DF7ZS Trophy. Won by: **VC2A** operated by Lali Laki, VE3NE
USA Tribander/Single Element: Paul Newberry, N4PN Trophy. Won by: **KR4Z** operated by Paul Newberry, N4PN
EUROPE Tribander/Single Element: WPX Contest Committee Trophy. Won by: **Matija Brodnik, S53MM**
WORLD Rookie: Val Edwards W8KIC Memorial (K3LR sponsor) Trophy. Won by: **Sergej Volkov, RN3DBA**
NORTH AMERICA Rookie: Val Edwards W8KIC Memorial (K3LR sponsor) Trophy. Won by: **David Davison, AF6EV**

MULTI-OPERATOR, SINGLE-TRANSMITTER

WORLD: Steve Miller, N0SM Trophy. Won by: **CS9L** operated by DL5AXX, DL8WAA, SV1RP
USA: Phil Allardice, KT3Y Trophy. Won by: **K1LZ** operated by K1LZ, K1VR, K1ZM, W1UE, K3JO
ASIA: W2MIG Memorial (NX7TT Sponsor) Trophy. Won by: **C4N** operated by 5B4AGM, 5B8AD, UA9CDV
EUROPE: Andy Ruse, YO3JR/YR1A Trophy. Won by: **RU1A** operated by RW1AC, RA1AIP, RA1AR, UA1CUR, UA9MQR, RU4HP, UA1AKC
NORTH AMERICA: Jim George, N3BB Trophy. Won by: **HQ2R** operated by UA3AGW, HR2J

MULTI-OPERATOR, TWO-TRANSMITTER

WORLD: UA1DZ Memorial (W3UA Sponsor) Trophy. Won by: **OL0W** operated by OK1WMV, OK1VWK, OK1DSZ, OK1HRA
USA: Florida Contest Group Trophy. Won by: **KD4D/3** operated by N6CY, N8II, K3MM, K3RA, K3WI, NA3D, KD4D
EUROPE: Tom Georgens, W2SC Trophy. Awarded to: **9A800VZ** operated by 9A3TR, 9A3OS, 9A5X, 9A7V

MULTI-OPERATOR, MULTI-TRANSMITTER

WORLD: Steve Merchant, K6AW Trophy. Won by: **WE3C** operated by K3CT, K3TEJ, K3TUF, N3RD, NN3Q, W3FV, W8FJ, WE3C
USA: Jim Reisert, AD1C Trophy. Awarded to: **NR4M** operated by K1SE, K4EC, K4EU, K4GM, K4GMH, K4IA, K4ZW, K7SV, KC4D, N2YO, N4NW, NR4M, W3YY, WA4JUK
EUROPE: David Robbins, K1TTT Trophy. Won by: **UU7J** operated by UU6JJ, UT3UA, UT5UGR, UU4JMG, UU0JX, UU1AZ

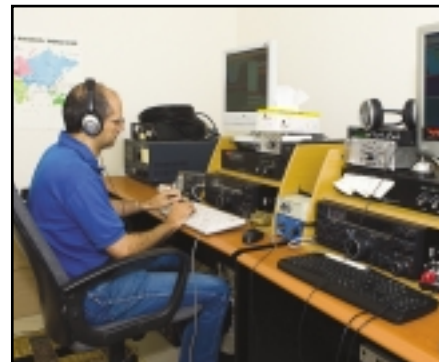
CONTEST EXPEDITION

WORLD: Phil Goetz N6ZZ Memorial Trophy. Won by: **YN2GY** operated by Eric Hall, K9GY

COMBINED SSB/CW

WORLD Single Operator: Yuri Blanarovich, K3BU Trophy. Won by: Hranislav Milosevic, YT1AD
USA Single Operator: Bill Fisher W4AN Memorial (KM3T Sponsor). Won by: **Kamal Sirageldin, N3KS**
WORLD Club Score: CQ Magazine Trophy. Won by: **Bavarian Contest Club**

Please contact awards manager Doug Grant, K1DG, at <plaques@cqwpx.com> if you are interested in sponsoring a trophy.



Dave, K5GN, hands out multipliers from the A73A multi-single in Qatar.



Bob, KQ2M, is USA winner and new record holder for single band 20 meters.

a very accurate log to finish first in Europe and fifth overall. Pert, OK2WTM, operated as OL6P to finish eight overall and second in Europe. GJ3WW was the third European in the world Top Ten. Long-time WPX contester Franci, S51F, easily took fourth. EU2MM and UT7NW finished just 10k apart for the next two spots.

Single Operator, Single Band

UP2L, operated by Willy, UA9BA, had the top single band score in the world. Willy set a new world record not only for 20 meters, but for all single band entries. Vaho, 4L8A, finished a strong second, but was unable to defend his 20-meter record. Jovica, 6W1SJ, survived some equipment damage the day before the contest to finish third and set a new African record. Bob, KQ2M/1, matched his USA victory and record-setting effort on SSB with one on CW. Fabio, IT9GSF, used the special call IU9T to take the top 20 meter score for Europe.

Competition was fierce on 40 meters with both of the top finishers having a world record as their goal. When it was all done, the winner was Paul, YV1DIG, operating as YW4D from the station of YV5AMH. Paul overcame amplifier problems the first night. Perennial 40-meter champion ZM3A (Dule, ZL3WW) broke his own Oceania record on the way to second place. Dule had to operate the first 6 hours using low power until he was able to get a power generator, but it was low activity on the second day that hurt his score the most. Jiri, OK1RF, operated from CT1JLZ to finish a close third. Bernd, VK2IA, visited the Northern Corridor Radio Group in Perth (VK6AA) and enjoyed their new three-element Yagi on his way to a sixth place finish.

Eighty meters was dominated by Europeans. Sasa, 9A3NM, celebrated the 35th year

of club station 9A1CCY with the top 80-meter score. RW2F, operated by Dmitri, UA2FB, was unable to match his victory on SSB but finished second. Milan, OK2BYW, finished a close third. The only non-European score in the Top Ten was by Mike, KH6ND, who finished ninth while setting a new Oceania record. This is an impressive score from such an isolated location. In the USA competition, Steve, W3BGN, won for the fourth year in a row. Chuck, KØRF, put up a nice score from out west in Colorado to finish second.

The 160-meter competition was among Arunas, LY2IJ, Vladimir OK1CW at OL1A, and Bela, HA8BE. Paul, K8PO/1, was the only score outside of Europe in the Top Ten.

With sporadic-E providing propagation, we don't need sunspots to have fun on 10 meters. Yuri, UN6P, took advantage of band openings to Europe to put UP6P in the top spot. Second place UW1M (op Victor, UR5MW) made 170 more contacts than Yuri, but most were with 1-point Europeans. Third and fourth place was a close race between Meho, E73O, and Mersudin, E73C, who finished only 50k points apart. Bob, N4BP, used the call WN1GIV/4 to finish sixth overall and first in the USA.

Carl, AI6V, returned to Brazil to pilot ZX5J to his second victory in a row on 15 meters. The next three places were incredibly close with only 70k points between them. Raimundo, PT7CG, grabbed second place over Joe, W5ASP, who operated from ZF1A. Jesus, LU5FC, used the special call AY5F to finish fourth. The top European score was Milan, YTØZ, who finished fifth, just ahead of Laszlo, HA3NU at HG3R. Seventh went to the top USA score of Eric, NM5M, operating from the NR5M superstation.

The top low power single band score was also on 20 meters. Miro, YU2A, took the victory over Aleksey, RV9JR, and Brian, 5B4AIZ at C4Z. Top USA score on 20 meters was by Carol, N2MM. The second highest Low Power single band score was on 40 meters by Zlatko, 9A2EU, operating as 9A7T. His competition was from Anatoly, ER3DX. The top USA 40-meter score was by Richard, W2EG.

The lower bands had some exciting races. On 80 meters Zeljko, E77C, finished only 4k points ahead of OL4W (operator Milan, OK1IF). On 160 meters it was Szabo, HA8IB, finishing ahead of Ozer, TA2RC. YT4A and E79Z were less than 2k points behind in third and fourth!

The higher bands are always a bit easier and more popular for the low power ops. On 10 meters, Matija, 9A3VM, had the high score over Victor, US5XD, and Neacsu, YO8AXP (operating YR8A). In the USA, only 800 points separated winner NA4W (Courtney, K4WI) from Julius, N2WN! Scores were higher on 15 meters, with Franceso, YV1FM, getting the category win over Valery, UA9FGJ. YR8B (Mancas, YO8DOH), had the top European score. Andy, WB4TDH, was the high USA scorer on 15 meters.

QRP

The single operator all band QRP competition was extremely close. The winner, Dragan, 4O4A, made this comment: "This was my first WW QRP contest. I accidentally discovered QRP two weeks ago... I felt like a kid, and every QSO was like a gift." Just 11k points behind in second was experienced QRP op Antonin, OK7CM. Ludek, OK2ZC, operating as OK3C, finished third.

In the USA, it was a race between two veteran QRP contesters. Gary, N7IR, was happy with his victory: "A combination of good propagation on 20 and 40 plus a new off-time strategy made this the highest score for me since 2002 and a fourth place personal best all-time in this contest." Phil, NØKE, used the call NAØCW for his second-place finish. He lost time to thunderstorms and only operated 29 hours. Dave, WA8WV, beat Tim, KT8K, for third place.

Single-Operator Assisted

The top Assisted all band score was from Stefano, IK2QEI, operating as CN3A. This was a new all-time record for the category. Matteo, IZ3EYZ, operated from IR4X to take second and set a new European record. Yuri, UA9AM, activated the call RG9A to finish third.

The Assisted single band record book was almost completely rewritten this year. Luciano, PY8AZT, won 20 meters from ZY7C and set a new world record. Second-place RZ9HT set a new record for Asia. Ivan, YU1LA, set a new record on 40 meters. S56X did the same on 80 meters. S57M set a new record on 160 meters.

In other parts of the world, John, ZL1BYZ, set a new all band record for Oceania. Gary, ZL2IFB, established the Oceania record for 10 meters. Ramon, LU5HM, operated as LP1H to set a new South American record for all bands.

There were 645 entries in the Single-Operator Assisted categories, an increase of 50% over last year. It is interesting to note that none of the Assisted category winners had a higher score than the single operator for the same category. The large number of multipliers and emphasis on QSO points seems to limit the advantage of using the DX spotting networks. A survey of over 4000 WPX Contest participants conducted in August 2009 revealed that 40% feel the categories should be combined, while 46% are against this. No rule changes are currently planned.

Overlay Categories

The Tribander/Single-Element (TB/SE) category provides a separate competition for stations using only a tribander for 10-15-20 meters and single elements for the other bands. Lali, VE3NE, drove 17 hours north to Zone 2 and operated as VC2A using a tribander and vertical antennas to win the TB/SE category and place seventh in the world overall. Pertti, OH2PM, operated TC4X from Turkey using a two-element tribander and wire antennas from the roof of a building to finish a close second (and tenth overall). Both of these scores prove that you don't need giant antennas to do well—if you can put them in the right place. UP4L and S53MM were only 10k points apart for third and fourth place.

On low power, VE3DZ/VP9 dominated the TB/SE competition by a wide margin. Second place went to Dez, G3WW, who took advantage of a family vacation to operate from Jersey as GJ3WW. Yuri, UA9SP, activated the special call RT9S to take third.

The Rookie category is for operators who have been licensed less than three years at the time of the contest. There were 40 entrants, up slightly from last year. The Rookie category winner was 13-year old Sergej, RN3DBA, who moved up from his third-place finish last year. Second place with a very nice score was Igor, EW1IP. Third place finisher David, AF6EV, shows the right spirit with his comments: "I set

USA TOP SCORES

SINGLE OPERATOR – HIGH POWER ALL BAND

KC3R (LZ4AX).....	9,597,400
AK1W (K5ZD).....	9,260,843
WC1M.....	9,103,680
AA3B.....	7,373,940
WM3T (N3KS).....	7,151,560
AD4J (K3ZM).....	6,384,784
KT5J (N2IC).....	6,352,988
NY6N (N6MJ).....	6,104,797
NY4A (N4AF).....	6,011,330
KM7W (N6TR).....	5,421,090
28 MHz	
WN1GIV/4 (N4BP).....	296,485
W5VX.....	28,290
21 MHz	
NM5M.....	969,285
NJ4U.....	594,450
KZ5J.....	170,100
N6ND.....	27,750
14 MHz	
KQ2M/1.....	5,348,477
W0UA.....	3,139,745
NR5M (K5GA).....	3,060,828
K9OM.....	2,119,019
N8BJQ.....	2,050,428
AB7E.....	1,558,050
K4FJ.....	1,207,568
N0AT.....	971,432
KR2AA.....	951,096
N2NC.....	860,700
7 MHz	
K9NW.....	2,331,744
WA1Z.....	1,344,234
W9UY5LW.....	1,169,649
WX9U.....	968,072
W7IJ.....	757,358
AB9H.....	535,074
K9MUG/4.....	416,353
3.5 MHz	
W3BGN.....	419,869
K0RF.....	330,624
W3NO.....	154,400
1.8 MHz	
K8PO/1.....	12,449

NR6O (N6RO).....	9,240
W9IND.....	1,860

SINGLE OPERATOR – LOW POWER ALL BAND

*NV1N (N1UR).....	3,592,587
*W3EF.....	2,950,275
*WJ9B/4.....	2,738,694
*K9QVB.....	2,494,410
*K2PS.....	2,306,963
*WK2G/4.....	2,047,104
*NR3X/4 (N4YDU).....	1,752,894
*WD4AHZ.....	1,689,540
*WD5K.....	1,582,105
*WV7Q (N7WA).....	1,340,583
28 MHz	
*NA4W (K4WI).....	8,908
*N2WN/4.....	8,120
*N3UA/4.....	2,184
21 MHz	
*WB4TDH.....	252,800
*KUSB.....	119,475
*KE7DX.....	12,905
*K7MH.....	7,704
14 MHz	
*N2MM.....	1,098,045
*WA1FCN/4.....	982,311
*NG9T/8 (K8IR).....	382,660
*K7HBN.....	315,076
*KM6Z.....	252,492
*K3GW.....	178,461
*NW0DX (K0IO).....	120,085
*WA2VQV/3.....	105,222
7 MHz	
*W2EG.....	1,008,830
*WB8JUI.....	435,015
*AB1J.....	241,542
*AA5B.....	105,608
*KA9O.....	84,900
*KE1F/4.....	36,340
3.5 MHz	
*K13O/4.....	4,606
*N9TF.....	2,484
1.8 MHz	
*W14R.....	962
*K4WI.....	725

SINGLE OPERATOR – QRP ALL BAND

N7IR.....	597,893
NA0CW (N0KE).....	474,456
WA8WV.....	408,640
KT8K.....	357,557
AA1CA.....	291,760
W4OO.....	264,470
NN7SS (K6UFO).....	221,496
K1SM.....	216,591
W11G.....	109,025
W5JBV/4.....	93,939

SINGLE OPERATOR ASSISTED LOW POWER ALL BAND

N6WG.....	1,508
21 MHz	
WA6FGV.....	10,218
14 MHz	
K3TW.....	82,782
NU4B.....	81,030
NT1A.....	38,088
NSWLA.....	37,204
W8EH.....	36,400
7 MHz	
NE6M.....	30,076
3.5 MHz	
W8OZA/0.....	2,880

SINGLE OPERATOR ASSISTED HIGH POWER ALL BAND

WK1Q (K1MK).....	5,796,895
K3WW.....	5,484,950
WW2DX.....	5,397,492
W8MJ.....	4,465,120
NN3L (N3RS).....	3,768,720
NS1S/4 (K1ZZI).....	3,220,480
WSWMU.....	2,798,643
W2YC.....	2,732,240
N02R.....	2,700,130
ND9E.....	2,552,000
28 MHz	
W9SE.....	8,614
21 MHz	
KC4HW.....	19,278

14 MHz	
W4CU.....	672,819
N6JV.....	293,094
K0BX.....	15,540
K4EDI.....	7,224
7 MHz	
NN4N (W4ARM).....	341,784
AA4VW.....	215,922
K3MQ.....	181,196
W2IRT.....	85,644

SINGLE OPERATOR ASSISTED LOW POWER ALL BAND

*N2BA.....	1,666,170
*W3FW.....	1,160,082
*NS4SN (W4IX).....	960,890
*AA4FU.....	719,831
*K4FPF.....	692,265
*WK5X/4.....	627,338
*K3WJV.....	447,913
*WA3KYY.....	405,854
*N4KG.....	332,123
*KZ3M.....	280,194
28 MHz	
*N4NM.....	7,504
14 MHz	
*KJ9A.....	349,125
*WM6A (K6TA).....	114,898

TRIBANDER/SINGLE ELEMENT HIGH POWER ALL BAND

KR4Z (N4PN).....	3,908,800
K4BAI.....	3,277,260
WN2O (N2GC).....	3,248,232
W1CU.....	2,593,020
KN6DV/2.....	2,517,798
AB3CX/2.....	2,442,242
NM5O (N5NU).....	2,128,780
N1WR/3.....	2,081,340
NF4A.....	2,050,272
N3UM.....	2,004,080

TRIBANDER/SINGLE ELEMENT LOW POWER ALL BAND

*NR3X/4 (N4YDU).....	1,752,894
*WD4AHZ.....	1,689,540
*N2BA.....	1,666,170
*WD5K.....	1,582,105
*KZ9O.....	1,287,018
*NA4K.....	1,218,474
*K4IE.....	1,097,577
*KV8Q.....	1,084,824
*N03M.....	1,074,479
*WN6K.....	840,042

MULTI-OPERATOR SINGLE-TRANSMITTER ALL BAND

K1LZ.....	12,754,560
NG3R.....	9,072,530
KT3Y/4.....	9,010,276
KY4F.....	6,632,010
N0ZF.....	6,543,449
KX7M/6.....	6,488,498
WR3Z.....	6,044,074
W7VJ.....	5,165,370
NM7D.....	4,329,133
AJ9C.....	3,846,964

MULTI-OPERATOR TWO-TRANSMITTER ALL BAND

KD4D/3.....	13,809,375
NN5J.....	11,152,400
WW4E.....	10,047,840
NZ1U.....	7,451,520
WX5S/6.....	5,777,880
NK7U.....	4,852,802

MULTI-OPERATOR MULTI-TRANSMITTER ALL BAND

WE3C.....	21,910,252
NR4M.....	18,863,096
N0NI.....	8,390,088
WX3B.....	3,814,290
WQ2N.....	3,054,854

*Low Power

a pre-contest goal of 500 Qs and I'm really happy I made it. This is my second WPX CW and I feel I improved a lot since last year." The trophy for top USA Rookie is sure to look good on his shack wall.

The overlay categories were open only to single operators this year. For 2010 they will return to allowing both single operator and single operator assisted entries.

Multi-Operator

As always, the Multi-Operator Single-Transmitter category produced some impressive scores. The three-operator team of DL5AXX, DL8WAA, and SV1RP operated CS9L to first place with over 20-million points. Another three-op team (5B4AGM, 5B8AD, UA9CDV) operated from C4N on Cyprus to finish second. The group at RU1A had over 2300 QSOs on 20 meters on their way to breaking the European record set back in 2001 by over 20%. Fourth place went to the team at K1LZ, who replaced the USA record also set back in 2001. The battle for second place in Europe was very close with ES9C, E7DX, OM7M, and OL3Z all within ten percent of one another.

The Multi-Operator Two-Transmitter category pitted two very strong teams against each other. The claimed scores between OL0W and 9A800VZ were less than 0.1% apart! When the log checking was done, the OL0W group came out on top by just 100k points. Both groups did a fantastic job with just four operators each. Third place went to C4I, who set a new Asia record. KD4D/3 in fourth was the top USA score. NH7O, KL7RA, and XM7SV all had great efforts to make the Top Ten box.

WE3C set a new USA record on the way to the world high score for the Multi-Operator Multi-Transmitter category. The only other time this has happened from the USA was in 2003 by NY4A. The team at ZW5B struggled with poor conditions to finish a close second. UU7J had the highest number of contacts and prefixes in finishing third. EA8URL replaced the record score for Africa established back in 1997.

Club Competition

There were 124 clubs from around the world that met the requirement of three or more logs to be listed in the results. The highest club score came from the Bavarian Contest Club (BCC) in southern Germany. Its 204 entries help generate lots of activity on the bands for all of us. The Rhein Ruhr DX Association (RRDXA) passed the Araucaria DX Group from Brazil for second place by only 300k points!

The Potomac Valley Radio Club (PVRC) scored an impressive win over the 56 USA clubs that submitted three or more member logs. The Yankee Clipper Contest Club (YCCC) took second over a strong points-per-log effort by arch rival Frankford Radio Club (FRC).

There were more than 190 other clubs that did not meet the three-log minimum to be included in the listing. Some club scores were lowered this year as the new distance rule was enforced. A full breakdown of all club scores can be found on the <cqwp.com> website.

Final Thoughts

We are pleased to announce that the results now include separate listings and awards for each Russian call area. This is in recognition of the increase in participation and log submissions from Russia.

There are a lot of people working to help make the CQ WPX Contest such a success. Thanks to K2DSL, N8RA, NJ1F, W1KM, W1KQ, W1TO, W1UE, W1ZT, W2JU, WA1Z, and WO1N for their help in typing all of the paper logs. F6BEE maintains the score records. W5GN does a great job handling the certificates and K1DG does the same for the plaques. The quality of the results wouldn't be possible without the software talents of K1EA.

For expanded results, including operators of multi stations and expanded QRM, visit the CQ website at :<www.cq-amateur-radio.com>.

The 2010 WPX CW Contest will be held on May 29 and 30. There are a number of rule changes for the 2010 contest, so please read the rules very carefully. Visit the frequently-

asked questions page on the CQ WPX Contest website (www.cqwp.com). Please submit your WPX CW logs by e-mail to <cw@cqwp.com> before June 27, 2010.

73, Randy, K5ZD

QRM

I was using for this contest a 4-el OWA Yagi but condx were very very poor. Most of the time I was listening to 20 meters waiting for band opening on 15. ... **3G1X**. Radio finals got busted due to old age. Although SWR is 1.2 to 10-40 meters. ... **4D1N**. Working Australia 10,000 miles with only 2 watts. That's wow! TNX, mate. ... **5Q8A**. FT-840 (50W), whip at 11-floor balcony of apartment. Cycle 24 may be started slowly! ... **7K1EQG**. Excellent propagation on 40 meters, but with lot of statics. ZL stations were workable at least 3 hours after sunrise and 3 hours before sunset. ...

9A7T. The bands were much better than they have been recently. 20m was open almost round the clock and there was even a good opening on 10m. Many thanks to the organisers. 73 from Borneo to all participants! ... **9M6XRO.** Great contest. Was able to participate more than I thought I would and less than I would have liked. ... **AESX.** Had a fun time. I wish I'd had more time to participate. ... **AF9J.** Condx were not so good, but enjoyed doing contest from tropical island. ... **AH0AA.** This contest got me back on CW for the first time in 21 years. ... **A15G.** Started out with no plan. Just wanted to operate. Got hooked and then couldn't stop. ... **AK1W.** I had to work Saturday morning so I missed a lot of time. However, I gave the prefix and enjoyed a good weekend. See u all next WPX! ... **COBZZ.** My second CQ WPX CW. Glad to see all the bands open. My goal was to increase last year's score. Goal achieved! Thanks to CQ for organizing amazing contests. ... **CT1ENQ.** Another excellent contest. I had great fun doing contest despite my modest setup. Next year I will be again and with better setup, I hope, hi. ... **CU3HQ.** First time ever more than 1.5K QSOs in a contest with just one single wire dipole antenna. Almost 70 years of age: Who says you are beyond the prime of your life, hi. Thanks for a great

contest, enjoyed it a lot! ... **DJ3WE.** 60th Anniversary of SOS Childrens Villages. ... **DL60CHILD.** First participation. Very good operators and very fun contest. ... **EA2BVV.** This was my first WPX CW and I worked many new DXCC on all bands. See you the next year I hope to learn and study more CW because now I'm a poor CW operator. See you in other contests. ... **EC1KQR.** QRP entry (5W), mono-band (20m) dipole located under the roof, and a lot of QRN. Anyway, great time during this contest even if 99% of my Qs are European ones, which turned my WPX CW into kind of WAE! ... **F5PBL.** Someone turned on a switch somewhere. Are the good times back? ... **G0MTN.** Watching the score accelerate every time you work a new prefix multiplier is part of the fun of the WPX CW Contest! ... **G3TXF.** Using straight key, no computers! ... **G14BQI.** Improved my score from last year despite pathetic conditions on Saturday. Impressed by the performance of my Bi-Square allowing me contacts into PY and LU using just 5 watts. 10m was dead most of Saturday and Sunday evening only coming to life again at 11:50 PM. Typical! ... **GM4UBJ.** First airing of the new contest call for the Dragon ARC here in North Wales. Decent conditions on Saturday but very quiet during daylight hours on Sunday; things really

opened up after sunset however and the final 2 hours of the contest were buzzing! ... **GW6W.** Enjoyed the contest very much though the claimed score is much less than it was last year. Maybe the propagation can be blamed and me, having not been on the top, too. Many thanks for Qs, see you next time! ... **HA2MN.** I could listen and work stations from East Coast by 5 watts QRP + short mobile whip (Lakeview 20m Hamstick on mag mount)! Propagation was amazing! This was a contest expedition to Honduras by UA3AGW. ... **HQ2R.** The usual tropical thunderstorms caused QRT numerous times. 10m openings to EU were surprising. Maybe there is hope for this cycle after all. 80 was disappointing with very high noise levels. ... **HS0ZDY.** Very nice contest. First time SOAB full time, great fun! ... **IO4T.** The condition was open for Europe from evening in Japan. I'm very pleased to be able to contact with European hams! ... **JA7YCC.** Great opening 0200Z Sunday over the pole to many UA and UA9 stations. Just like fishing in a barrel! ... **K0BX.** My last hurrah from this QTH. Moving to DC but without the tower and antennas, so you'll have to dig me out of the mud for that DC mult. Thanks to all for a great run. ... **K2PS.** Six-foot black snake crawled in radio room at 11PM Sat. nite. Very exciting! ...

EUROPE TOP SCORES

SINGLE OPERATOR – HIGH POWER ALL BAND		SINGLE OPERATOR – LOW POWER ALL BAND		SINGLE OPERATOR ASSISTED LOW POWER ALL BAND		SINGLE OPERATOR ASSISTED HIGH POWER ALL BAND		SINGLE OPERATOR – QRP ALL BAND		TRIBANDER/SINGLE ELEMENT HIGH POWER ALL BAND		SINGLE OPERATOR ASSISTED LOW POWER ALL BAND		SINGLE OPERATOR ASSISTED HIGH POWER ALL BAND		SINGLE OPERATOR ASSISTED LOW POWER ALL BAND		SINGLE OPERATOR ASSISTED HIGH POWER ALL BAND									
CU2X (OH2UA)	10,208,016	*LY9A	3,413,552	YP8A (Y08WW)	824,000	UT4ZG	2,416,398	UT4ZG	2,416,398	H89DDO	1,520,480	F5VBT	607,223	S53MM	6,170,859	H89DDO	1,520,480	F5VBT	607,223	H89DDO	1,520,480						
R53A (RA3CW)	7,834,540	*OL6P (OK2WTM)	2,859,392	RW3AI	735,042	H89DDO	1,520,480	RW3AI	735,042	H89DDO	1,520,480	SP2DNI	684,560	H89DDO	1,520,480	SP2DNI	684,560	H89DDO	1,520,480	SP2DNI	684,560	H89DDO	1,520,480				
S50A	6,988,086	*GJ3WWW	2,837,742	SP2DNI	684,560	F51N	1,446,400	SP2DNI	684,560	F51N	1,446,400	F5VBT	607,223	F51N	1,446,400	F5VBT	607,223	F51N	1,446,400	F5VBT	607,223	F51N	1,446,400				
DL3YM	6,511,428	*S51F	2,415,235	F5VBT	607,223	F51N	1,446,400	F5VBT	607,223	F51N	1,446,400	SP2DNI	684,560	F5VBT	607,223	SP2DNI	684,560	F5VBT	607,223	SP2DNI	684,560	F5VBT	607,223	SP2DNI	684,560		
RM3F (UA3DPX)	6,488,673	*EU2MM	2,115,390	ER1RR	25,092	F7MHZ	7 MHz	YU1LA	5,555,958	YU1LA	5,555,958	F5VBT	607,223	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958				
RG6G (RW6HX)	6,371,000	*UT7NW	2,104,752	F8AKC	10,773	OE3I (OE3DSA)	3,384,564	OE3I (OE3DSA)	3,384,564	OE3I (OE3DSA)	3,384,564	YU1LA	5,555,958	OE3I (OE3DSA)	3,384,564	OE3I (OE3DSA)	3,384,564	OE3I (OE3DSA)	3,384,564	OE3I (OE3DSA)	3,384,564	OE3I (OE3DSA)	3,384,564	OE3I (OE3DSA)	3,384,564		
LY9Y	6,358,450	*S520P	2,025,186	SP5DDJ	3,792	HG3A (HA3MO)	3,088,944	HG3A (HA3MO)	3,088,944	HG3A (HA3MO)	3,088,944	YU1LA	5,555,958	HG3A (HA3MO)	3,088,944	HG3A (HA3MO)	3,088,944	HG3A (HA3MO)	3,088,944	HG3A (HA3MO)	3,088,944	HG3A (HA3MO)	3,088,944	HG3A (HA3MO)	3,088,944		
OG8X (OH6UM)	6,232,000	*LY4T	1,927,485	SP5DDJ	3,792	M7A (LY4Y)	3,026,082	M7A (LY4Y)	3,026,082	M7A (LY4Y)	3,026,082	YU1LA	5,555,958	M7A (LY4Y)	3,026,082	M7A (LY4Y)	3,026,082	M7A (LY4Y)	3,026,082	M7A (LY4Y)	3,026,082	M7A (LY4Y)	3,026,082	M7A (LY4Y)	3,026,082		
YT5W (YU8A)	6,226,896	*RN4WA	1,859,286	SP4GFG	58,608	LZ7J (LZ1CL)	3,002,880	LZ7J (LZ1CL)	3,002,880	LZ7J (LZ1CL)	3,002,880	YU1LA	5,555,958	LZ7J (LZ1CL)	3,002,880	LZ7J (LZ1CL)	3,002,880	LZ7J (LZ1CL)	3,002,880	LZ7J (LZ1CL)	3,002,880	LZ7J (LZ1CL)	3,002,880	LZ7J (LZ1CL)	3,002,880		
S53MM	6,170,859	*DD5M (DJ0ZY)	1,823,955	SP4JFR	24,200	F7MHZ	3.5 MHz	S56X	1,315,146	S56X	1,315,146	YU1LA	5,555,958	S56X	1,315,146	S56X	1,315,146	S56X	1,315,146	S56X	1,315,146	S56X	1,315,146	S56X	1,315,146		
UW1M (UR5MW)	481,100	*9A3VM	276,963	OK1AJJ	5,880	HA3LI	867,141	HA3LI	867,141	HA3LI	867,141	YU1LA	5,555,958	HA3LI	867,141	HA3LI	867,141	HA3LI	867,141	HA3LI	867,141	HA3LI	867,141	HA3LI	867,141		
E730	446,220	*US5XD	192,945	I0UZF	298,027	LY7M	841,940	LY7M	841,940	LY7M	841,940	YU1LA	5,555,958	LY7M	841,940	LY7M	841,940	LY7M	841,940	LY7M	841,940	LY7M	841,940	LY7M	841,940		
E73C	395,200	*YR8A (Y08AXP)	183,680	LZ1VB	279,654	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958		
A03T (EA3AKY)	388,476	*UA30G	165,000	LZ1MG	208,861	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958		
OH1RX	245,344	*RX6AH	101,783	A07AAW	201,663	S57M	209,040	S57M	209,040	S57M	209,040	YU1LA	5,555,958	S57M	209,040	S57M	209,040	S57M	209,040	S57M	209,040	S57M	209,040	S57M	209,040	S57M	209,040
OO5M (ON5ZO)	143,374	*RX3BP	100,083	RW6FZ	157,096	DL0MB (DF2UU)	78,400	DL0MB (DF2UU)	78,400	DL0MB (DF2UU)	78,400	YU1LA	5,555,958	DL0MB (DF2UU)	78,400	DL0MB (DF2UU)	78,400	DL0MB (DF2UU)	78,400	DL0MB (DF2UU)	78,400	DL0MB (DF2UU)	78,400	DL0MB (DF2UU)	78,400	DL0MB (DF2UU)	78,400
YU1LA	5,555,958	*RX3BP	100,083	YU1LA	5,555,958	RA6CZ	19,716	RA6CZ	19,716	RA6CZ	19,716	YU1LA	5,555,958	RA6CZ	19,716	RA6CZ	19,716	RA6CZ	19,716	RA6CZ	19,716	RA6CZ	19,716	RA6CZ	19,716	RA6CZ	19,716
YU1LA	5,555,958	*RX3BP	100,083	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958
YU1LA	5,555,958	*RX3BP	100,083	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958	YU1LA	5,555,958

SSB & CW COMBINED CLUB SCORES

UNITED STATES

Club Name	Entries	Total Score
POTOMAC VALLEY RADIO CLUB.....	122	167,011,655
YANKEE CLIPPER CONTEST CLUB.....	87	116,545,547
FRANKFORD RADIO CLUB.....	44	106,819,493
NORTHERN CALIFORNIA CONTEST CLUB.....	106	85,833,623
FLORIDA CONTEST GROUP.....	55	67,654,685
SOCIETY OF MIDWEST CONTESTERS.....	78	48,517,984
CENTRAL TEXAS DX AND CONTEST CLUB.....	26	35,378,854
SOUTH EAST CONTEST CLUB.....	32	31,264,576
ALABAMA CONTEST GROUP.....	30	30,443,131
TENNESSEE CONTEST GROUP.....	55	26,392,619
SOUTHERN CALIFORNIA CONTEST CLUB.....	37	24,363,959
WESTERN WASHINGTON DX CLUB.....	28	22,933,111
MAD RIVER RADIO CLUB.....	31	20,087,650
WILLAMETTE VALLEY DX CLUB.....	26	18,242,752
MINNESOTA WIRELESS ASSN.....	32	16,175,532
CENTRAL ARIZONA DX ASSOCIATION.....	28	15,627,209
CTRI CONTEST GROUP.....	8	15,477,308
HUDSON VALLEY CONTESTERS AND DXERS.....	21	12,836,478
NORTH COAST CONTESTERS.....	6	12,344,039
GRAND MESA CONTESTERS OF COLORADO.....	16	8,994,031
IOWA DX AND CONTEST CLUB.....	3	8,476,674
OKLAHOMA DX ASSOCIATION.....	4	7,570,026
LOUISIANA CONTEST CLUB.....	7	7,480,302
NORTH TEXAS CONTEST CLUB.....	11	6,700,995
BORING AMATEUR RADIO CLUB.....	4	6,533,055
MOTHER LODE DX/CONTEST CLUB.....	12	4,372,821
THUMB AREA CONTESTERS.....	4	4,081,803
SOUTHWEST OHIO DX ASSOCIATION.....	4	4,018,411
KANSAS CITY DX CLUB.....	8	3,517,979
TEXAS DX SOCIETY.....	6	3,401,727
NORTHERN ARIZONA DX ASSN.....	5	2,669,769
SOUTHERN CALIFORNIA DX CLUB.....	4	2,291,677
MISSOURI DX/CONTEST CLUB.....	7	2,257,284
UTAH DX ASSOCIATION.....	11	2,070,233
KENTUCKY CONTEST GROUP.....	7	1,934,515
SPOKANE DX ASSOCIATION.....	7	1,865,285
ORDER OF BOILED OWLS OF NEW YORK.....	8	1,690,487
SKYVIEW RADIO SOCIETY.....	6	1,506,766
NORTHERN ROCKIES DX ASSOCIATION.....	3	1,468,381
STERLING PARK AMATEUR RADIO CLUB.....	6	1,339,808
BERGEN ARA.....	9	956,315
FALMOUTH ARA.....	3	737,866
MAGNOLIA DX ASSOCIATION.....	4	576,448
WESTERN NEW YORK DX ASSOCIATION.....	3	500,383
ALLEGHENY VALLEY RADIO ASSOCIATION.....	4	490,305
WEST PARK RADIOPS.....	9	459,290
REDMOND TOP KEY CONTEST CLUB.....	6	457,001
ROCHESTER (NY) DX ASSN.....	8	400,039
CAROLINA DX ASSOCIATION.....	7	394,671
LOW COUNTRY CONTEST CLUB.....	6	350,721
SOUTHEASTERN DX CLUB.....	4	314,230
CAROLINA SHINE.....	5	296,779
METRO DX CLUB.....	3	168,958
GREAT SOUTH BAY AMATEUR RADIO CLUB.....	3	142,238
PORTAGE COUNTY AMATEUR RADIO SERVICE.....	4	137,237
HAZEL PARK AMATEUR RADIO CLUB.....	3	127,867

DX

BAVARIAN CONTEST CLUB.....	204	194,450,401
RHEIN RUHR DX ASSOCIATION.....	137	145,429,515
ARAUCARIA DX GROUP.....	49	145,147,549
CONTEST CLUB ONTARIO.....	66	110,133,167
CONTEST CLUB FINLAND.....	30	103,654,341
UKRAINIAN CONTEST CLUB.....	84	89,902,276
URAL CONTEST GROUP.....	34	89,027,286
BLACK SEA CONTEST CLUB.....	67	87,267,345
CROATIAN CONTEST CLUB.....	32	85,611,579
LU CONTEST GROUP.....	40	70,720,515
SLOVENIA CONTEST CLUB.....	36	69,256,103
YU CONTEST CLUB.....	26	61,764,741
BOSNIA AND HERZEGOVINA CONTEST CLUB.....	18	61,102,475
KAUNAS UNIVERSITY OF TECHNOLOGY RADIO CLUB.....	36	54,818,685
LZ CONTEST TEAM.....	4	48,939,072
RUSSIAN CONTEST CLUB*.....	29	47,940,030
SP DX CLUB.....	70	42,414,003
LATVIAN CONTEST CLUB.....	36	40,658,367
SKY CONTEST CLUB.....	8	36,592,649
LITHUANIAN CONTEST GROUP.....	19	36,401,292
BRITISH COLUMBIA DX CLUB.....	14	35,291,788
HUNGARIAN DX CLUB.....	11	33,829,896
TARTU CONTEST TEAM.....	4	30,297,528
CARIBBEAN CONTESTING CONSORTIUM.....	3	26,477,143
WORLD WIDE YOUNG CONTESTERS*.....	28	23,478,055
RIO DX GROUP.....	24	21,669,287
BELARUS CONTEST CLUB.....	14	20,041,105
SOUTH URAL CONTEST CLUB.....	11	19,672,456
CHILTERN DX CLUB.....	21	17,470,711
MARITIME CONTEST CLUB.....	16	16,902,647
ARIPA DX TEAM.....	3	16,485,898
CONTEST GROUP DU QUEBEC.....	11	13,998,961
BELOKRANJEC CONTEST CLUB.....	8	13,770,670
VRHNIKA CONTESTERS.....	14	12,139,217

Club Name	Entries	Total Score
CENTRAL SIBERIA DX CLUB.....	7	9,442,123
VYTAUTAS MAGNUS UNIVERSITY RADIO CLUB.....	11	9,193,849
UA2 CONTEST CLUB.....	12	8,114,434
CANTAREIRA DX GROUP.....	25	8,097,908
DANISH DX GROUP.....	9	7,562,028
FOX CONTEST CLUB.....	5	7,432,173
VK CONTEST CLUB*.....	13	7,281,367
STAVROPOL REGION RADIO CLUB.....	6	7,175,253
MICHURINSK CONTEST GROUP.....	3	6,939,863
LYNX DX GROUP.....	3	6,428,296
TEMIRTAU CONTEST CLUB.....	7	6,394,915
GIPANIS CONTEST GROUP.....	5	6,314,780
LES NOUVELLES DX.....	4	6,041,517
IZMAIL RADIO CLUB.....	8	6,005,654
NOVOSIBIRSK CONTEST CLUB.....	5	5,579,830
GRUPO DXE.....	10	5,523,460
TOP OF EUROPE CONTESTERS.....	5	5,173,683
MOSCOW RADIO CLUB.....	7	4,846,983
LOW LAND CRAZY CONTESTERS.....	4	4,343,444
HAROS RADIO CLUB.....	5	4,330,270
KEMEROVO RADIO CLUB.....	4	4,272,671
ALRS ST PETERSBURG.....	12	3,871,703
CE CONTEST GROUP.....	5	3,684,602
DNEPR CONTEST GROUP.....	3	3,666,615
ARCK.....	9	3,477,212
SASKATCHEWAN CONTEST CLUB.....	3	3,418,206
PERM RADIO CLUB.....	3	3,392,760
WEST SERBIA CONTEST CLUB.....	4	3,014,280
YAROSLAVL CONTEST CLUB.....	10	2,996,452
STRUMBLE HEAD DX AND CONTEST GROUP.....	3	2,989,700
AUSTRIAN CONTEST CLUB.....	5	2,880,475
RU-QRP CLUB*.....	13	2,798,749
CSM BAIA MARE.....	4	2,792,667
GRUPO PORTUGUESE DX.....	3	2,740,130
SP CONTEST CLUB.....	12	2,544,689
SPORT CLUB MIERCUREA-CIUC.....	4	2,522,190
SHAKHAN CONTEST CLUB.....	5	2,374,610
YO DX CLUB.....	17	2,249,276
SIAM DX GROUP.....	7	2,115,832
RADIOCLUBUL RADU BRATU.....	3	2,050,873
TORRENT CONTEST CLUB.....	4	1,956,453
KIEV CONTEST GROUP.....	4	1,919,815
NOVOKUZNETSK RADIO CLUB.....	8	1,910,114
AMSTERDAM DX CLUB.....	4	1,834,923
BASHKORTOSTAN DX CLUB.....	6	1,757,861
ATCC.....	5	1,709,584
POISK.....	4	1,527,254
MARCONI CONTEST CLUB.....	5	1,473,743
GUARA DX GROUP.....	8	1,391,923
CSTA SUCEAVA.....	4	1,301,327
ARGO.....	3	1,081,317
SAMOTLOR.....	3	936,360
MAYCOPSKIJ RADIO CLUB.....	5	933,093
UNION FRANCAISE DES TELEGRAPHISTES.....	6	913,727
JABLANIK BEARS CONTEST CLUB.....	3	874,211
PODOLSK.....	8	859,205
599 CONTEST CLUB.....	4	801,275
SPEKTR.....	3	769,016
IRKUTSK RADIO CLUB.....	7	709,537
BALKAN CONTEST CLUB.....	3	628,624
BEEEMSTER CONTEST CLUB.....	3	603,571
KKKK CONTEST CLUB KRASNODARSKOGO KRAYA.....	8	598,826
MEDITERRANEO DX CLUB.....	3	595,326
IVANOVO DX CLUB.....	3	582,656
OBNSK QRU CLUB.....	5	571,879
RADIOCLUBUL NOSTRU DIN CONSTANTA.....	3	565,171
ACTIVITY GROUP BELARUS.....	3	545,773
DONBASS.....	5	520,980
SVARK.....	3	516,039
R4F-DX-G.....	4	499,958
SMOLENSK CONTEST CLUB.....	3	464,121
VLADIMIR RADIO CLUB.....	8	454,486
VORONEZH RADIO CLUB.....	3	406,826
VU CONTEST GROUP.....	3	364,652
VOLYN CONTEST GROUP.....	6	354,239
CS PETROLUL PLOIESTI.....	3	331,833
LKK LVIV SHORTWAVE CLUB.....	3	328,952
KRIVBASS.....	5	308,713
DUBNA DX CLUB.....	7	282,795
CSM CLUJ-NAPOCA.....	6	248,701
NANAIMO AMATEUR RADIO ASSOCIATION.....	3	206,779
SERPUKHOV RADIO CLUB.....	4	170,179
VERENIGING VAN RADIO ZEND AMATEURS.....	5	170,080
GRUPO ARGENTINO DE CW.....	4	153,150
TUPY DX GROUP.....	4	141,430
SOUTH GERMAN DX GROUP.....	4	138,551
R3L-CC.....	3	128,797
SP-CW-C.....	3	106,947
WAIKIKI AMATEUR RADIO CLUB.....	3	91,618
RADIO KLUB BAGDALA.....	4	62,228

* Club does not meet distance rule for all scores.

K3MJW. The Russian UA/RV/RW stations really saved the day. ... **KC0MO.** I'd like to thank all the ops who took the time to get a QRP station, especially ZW5B and AY5F, who patiently pulled my numbers out of the ether. ... **KI6OFN.** Great contest. Had a bunch of fun and learned a lot. Also greatly improved my skills. ... **KJ4HYG.** Thanks to CQ. This was truly as good as it gets. Forget worrying about sunspots. Worry about something else. Condx were outstanding and how long has it been since 20m stayed open 24-hours a day? ... **KR4Z.** Who needs sunspots anyway? Maybe it's just a new antenna, but this is my best score ever with QRP. 20m just wouldn't quit in the evenings. It seemed easier to work the Europeans than to get a response from domestic CQers. ... **KX7L.**

Summer opening for 10 and 15m bands made contest more enjoyable. 80 and 160m bands were a disappointment All in all: Very enjoyable! ... **LA2AB.** Wow! Europe QRP at the bottom of the sunspot cycle! Cool! ... **N6RV.** This was my seventh try at this great contest, and I always have a great time. 20 meters even opened to western Asia for a couple hours. CU next year! ... **N7EIE.** Good conditions for QRP operating. My best ever for QRP in a contest. ... **NF0N.** A great BBQ, plenty of Bud Lights, and oh yeah, a good 10 and 15 meter opening! What could be better? Thanks to "Webmaster Mike" (N2MG) and Scott "The Machine" (NQ2F) for getting us on the board. See you next year! (NQ2F@KD2RD) ... **NQ2F.** Most things that are as much fun as this contest was are illegal! The

OLD CQ WW WPX CW CONTEST ALL-TIME RECORDS

The contest is held each year on the last full weekend of May. The All-Time Records are updated and published annually. Data shown below is: callsign, year of operation, total score, and number of prefix multipliers.

WORLD RECORD HOLDERS

Single Operator	
1.8 IH9/OL5Y('98).....	341,068 182
3.5 TM5Y ('08).....	1,983,366 567
7.0 LU1IV('97).....	7,671,456 702
14 UP2L('09).....	7,928,886 1043
21 ZX5J('05).....	7,061,000 920
28 ZX5J('02).....	6,787,440 857
AB D4B('04).....	16,619,000 1000
Multi-Operator Single Transmitter	
CT9M('08).....	24,125,802 1182
Multi-Operator Two Transmitters	
EF8M('07).....	33,324,192 1256
Multi-Operator Multi-Transmitter	
HC8N('99).....	54,697,072 1264

U.S.A. RECORD HOLDERS

Single Operator	
1.8 K1ZM('95).....	40,446 107
3.5 W3BGN('08).....	641,092 332
7.0 KG1D('05).....	3,594,822 651
14 N2NC('06).....	5,418,630 915
21 NU5A('99).....	4,411,299 789
28 WW4M('01).....	2,547,046 674
AB KC3R('09).....	9,597,400 806
Multi-Operator Single Transmitter	
K1LZ('09).....	12,754,560 1120
Multi-Operator Two Transmitters	
KM4M('04).....	16,283,745 1095
Multi-Operator Multi-Transmitter	
WE3C('09).....	21,910,252 1274

CLUB RECORD	
Northern Calif. Contest Club('02).....	253,543,497

WPX (Prefix) RECORD		QRP/p RECORD	
DR1A('08).....	1313	P40W('97).....	4,018,208

CONTINENTAL RECORD HOLDERS

AFRICA	
1.8 IH9/OL5Y('98).....	341,068 182
3.5 7X0RY ('08).....	1,701,260 407
7.0 IG9B('04).....	5,187,819 613
14 6W1SJ('09).....	6,755,364 924
21 5X1Z('01).....	6,362,352 782
28 ZS4TX('01).....	4,602,028 722
AB EF8M('09).....	17,288,864 1037

SOUTH AMERICA	
1.8 YV1OB('86).....	11,550 35
3.5 YX3A('89).....	1,004,060 305
7.0 LU1IV('97).....	7,671,456 702
14 YW1A('91).....	4,617,456 732
21 ZX5J('05).....	7,061,000 920
28 ZX5J('02).....	6,787,440 857
AB P40W('94).....	14,168,115 845

ASIA	
1.8 4X4NJ('96).....	259,420 170
3.5 TA0/Z33F('02).....	1,452,552 348
7.0 9K2HN('06).....	4,541,970 606
14 UP2L('09).....	7,928,886 1043
21 A45XR('99).....	6,557,697 843
28 HZ1AB('02).....	3,669,994 659
AB 4L0A('08).....	11,213,664 888

MULTI-OPERATOR SINGLE TRANSMITTER	
AF CT9M('08).....	24,125,802 1182
AS P33W('08).....	21,314,175 1145
EU RU1A('09).....	13,838,256 1236
NA 8P4A('02).....	18,516,960 1056
OC AH2R('01).....	11,541,420 957
SA P49V('01).....	19,760,744 1034

EUROPE	
1.8 SN7Q('08).....	339,542 307
3.5 TM5Y('08).....	1,983,366 567
7.0 CT1JLZ('09).....	6,075,936 816
14 4O3T('06).....	5,313,554 986
21 9H0A('02).....	5,389,008 933
28 9H0A('01).....	3,965,315 841
AB CU2X('09).....	10,208,016 1066

MULTI-OPERATOR TWO TRANSMITTER	
AF EF8M('07).....	33,324,192 1256
AS C4I ('09).....	14,632,800 1005
EU ES9C('08).....	18,557,028 1266
NA 6Y1V('08).....	20,507,972 1108
OC ZL6QH('05).....	13,312,768 952
SA HC8N ('03).....	30,928,268 1187

NORTH AMERICA	
1.8 VA1A('99).....	103,680 120
3.5 FM5BH('97).....	833,490 315
7.0 V26BA('97).....	6,227,550 659
14 N2NC('06).....	5,418,630 915
21 ZF1A('99).....	5,330,129 799
28 FM5GU('01).....	2,849,769 621
AB VY2TT('09).....	12,878,826 1054

MULTI-OPERATOR MULTI-TRANSMITTER	
AF EA8URL('09).....	10,543,122 906
AS A61AJ('02).....	42,766,232 1244
EU DR1A('08).....	24,285,248 1313
NA 6Y2A('02).....	38,821,328 1274
OC ZL6QH('04).....	16,143,840 1010
SA HC8N('99).....	54,697,072 1264

OCEANIA	
1.8 KH6ND('07).....	22,100 50
3.5 KH6ND('09).....	596,673 231
7.0 ZM3A('09).....	6,437,695 737
14 KH6ND('03).....	4,126,690 730
21 KH6ND('99).....	6,107,256 813
28 KH6ND('00).....	1,523,008 424
AB KH7XS('09).....	9,124,899 879

QRpp	
AF 5Y4FO('92).....	649,057 311
AS ZC4BS('02).....	2,515,388 521
EU LY5A('01).....	2,331,414 646
NA TI5X('01).....	2,568,470 615
OC FO8JP('86).....	572,131 259
SA P40W('97).....	4,018,208 632

crew had a great time with one equipment failure. It seems like having the contest on a non-holiday weekend drew out more US and prefixes. Kudos to K5ZD and the cast that supports the WPX CW! ... **NR4M**. Good contest. 20 the main band and Europe signals most of the day. Thanks to all for a good time. CW rocks! ... **NR7DX**. Worked a few North American stations on 10m. Wondering if the frequency readout of my rig was erroneous, hi. It's been a long time, guys! Had some family obligations so had to go QRT the entire (local) Sunday afternoon; attended a horse-training show while browsing the DX Cluster on my mobile phone on the sly. Damn ... another multi missed, hi. Is ham radio just a hobby? I ain't to me; it's an addiction. CUAGN 2010! ... **ON4CAS**. Fine to hear so many FB CW operators ... **PA0WKI**. I like contest. Many USA stations and Russian stations. Tnx all QSOs. See you in the next contest. ... **PD5CW**. Thank you for the nice contest! I used portable field transceiver PFR-3, only 5 watts, and portable antenna G5IJ. Thanks to all hams who heard and worked me. All the best from Russia and 73! ... **RA3XEV**. 20m open 24 hours, 1350 NA stations (300 on 40m) from 5200 QSO, 250 JA, 1270 mults. Thanks RU4HP and UA1CUR; they have considerably strengthened our team. ... **RU1A**. 20m

was great here. 866 Q's include 22 Q's by CQ mode is new record for my QRP. 10m was open here first time this year. QSOed 40 southern neighbours mostly. Enjoyed contest. Thanks for all. ... **RW4AA**. First time on the contest. Worked few hours, enjoyed my few contacts very much. Also enjoyed SD logger. Thank you ... **SV1AAK**. Hello Contesters! First participating to CQ Contest from Erzincan city. ... **TA7KI**. First QSOs on 10 meter in new solar cycle 24. New step in our growth score when break 10M points ... **TM0R**. It was a really great weekend! 20m band conditions on Sunday were amazing. I improved my last year result from 1.2 to 1.7 million points. ... **UR3IQO**. My first CW contest. The speed, I can't believe it. ... **VE5AE**. A difficult operation with excessive noise levels of S8+ on the low bands, with low power and a low antenna. A bit of fun and it was great to put another VK8 signal onto HF! ... **VK2GR**. Who needs sunspots? Very hard for VK to break into EU on 40 through QRM. ... **VK3TDX**. Enjoyed another WPX Contest. Conditions were quite erratic. ... **VU2UR**. Now we know what it must be like to run EU from the East Coast. Incredible conditions on 20. ... **W7VJ**. Wow, so many UA9/UA0. Nice propagation over the poles. Still I long for these conditions on 10/15. Glad I'm young

enough (61) to see this cycle peak. ... **WA1FCN**. Always a pleasure to work the WPX Contest in any mode. Been doing it for more than 30 years. 10 and 15m wide open for hours, but very little activity. Give it a try guys! ... **WE6EZ**. Good fun with the CW contest. Most of the time I use more S&P, because with 100W not always hear you and the big guns are powerful. ... **XE1AY**. Great conditions to EU for a change. ... **XM7GL**. Great contest from ZL2JU's QTH in outside garage. Freezing weather around 0°C, but plenty of signals on the bands to keep us busy. Difficult to break the EU wall from way down under here, but we had lots of fun. ... **ZL2AGY**. The worst 40m propagation ever for WPX. I was beaming to the sun, but no improvement in sunspot numbers. See you all next time in the log. ... **ZS4JAN**.

Where Do Errors Come From?

We began the WPX CW Contest log checking with 3,649 received logs containing 2,224,164 total QSOs. The computer was able to cross check 82.8% of these QSOs against another log. Of those, 94.9% checked good for both call sign and serial number. Rather amazing accuracy when you consider the challenge of weak signals, QSB, QRM, QRN, and other vagaries of real world radio communication. Contesting really is a training ground for improving communication skills.

Of the 35,451 different calls found in the logs, there were 20,273 (57.1%) of them that were only logged one time (so-called "unique" QSOs). Approximately 14,000 of these unique calls were computer cross-checked against other logs and found to be errors. A second manual cross-check process was applied to the remaining calls, which identified an additional 3,500 calls as being incorrect. The end result was that 84.6% of the unique calls were found to be errors. Yes, there are people who get on the air and make only one QSO, but this really doesn't happen very often.

The most common source of errors was from incorrect copy of calls containing lots of dots, such as the letters S and H, or number 5. One great example is the call KH7XS, which was logged incorrectly 93 times in 17 different variations. Another problematic combination was calls containing V and 4 or B and 6. Rare or unusual calls that have extra numbers in the prefix are also sources of errors. Some of the call signs generating the most errors (with number of times incorrectly logged) included HF94KE (405), OL25LP (205), ES9C (201), HG1S (136), VC2A (117), NH7O (113), EE2W (111), AB1HZ (103), NV1N (102), RZ9HT (96), HG6N (97), S52ZW (83), and 9A800VZ (70). In many cases the errors matched bad call signs spotted on the DX Cluster. Caveat emptor! It is your responsibility to confirm the call of each station in your log.

Even with the deep log checking, there were still 131 stations that produced logs with no score reductions. The top golden logs (with number of QSOs) were: LY1CX (523), N9CK (300), K0CF (250), RA0AY (201), SP4GFG (241), N9LYE (236), E21YDP (234), KA6NGR (214), AD5Q (210), and PA5TT (201).

The average score reduction for all single operator entrants was 13.9%. For the top 20 single op scores, the average reduction was only 5.5%. Detailed log-checking reports are available for every submitted log and may be requested by sending an e-mail to <k5zd@cqwpx.com>.

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