Results of the 2017 CQWW WPX SSB Contest

BY TERRY ZIVNEY*, N4TZ

HF propagation is certainly declining but participation in the CQ WPX Contest is holding up just fine, thank you, with over 5,400 SSB logs received this year, up 2% from last year. Even though the number of logs was up, the number of QSOs made fell — 1,716,668 this year versus 2,035,936 last year, a decline of nearly 16%. Last year 485 stations had at least 1,000 QSOs after log checking; this year it was 400. The median number of QSOs last year was 150; this year, 120.

Of course, there is more to making a big score than racking up the contacts. DX contacts count for more points, and the declining propagation reduced the DX potential for most stations. Plus, less DX means fewer multipliers, so it should be no surprise that the typical score suffered more than the decline in contacts would first suggest. This year's median score (half the entrants above, half below) was about 28,000; last year — over 44,000.

Of course, many of the factors entering into a station's final score are due to choices made by the operator. Factors such as which category to choose, how many hours to operate, and even the station location can certainly vary from year to year, sometimes with an eye towards propagation. The impact of propagation is perhaps best studied by comparing the top scores boxes from one year to the next. These stations are likely to operate the maximum hours allowed, pick the best bands for the conditions, and at the worldwide level, find the best locations.

Looking at the fifth place score in the various single-operator all-band boxes shows the high-power scores down over 20% at the worldwide level, but down over 50% at the continental level. Top low-power and QRP scores were even more greatly affected, down over 60% at the worldwide and even more at the continental levels.

But no matter how low the scores, there is always a winner! And there were just as many winners this year as last.

John, K4AFE, wins the U.S. Rookie plaque.

Bob, KQ2M, won the U.S. high-power all-bands unassisted plaque for the 19th time!

* Email: n4tz@cqwpx.com

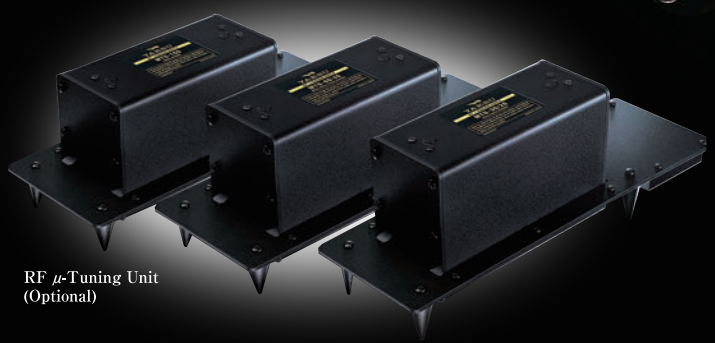
The radio... YAESU

FT DX 5000MP Limited

2 kHz Blocking Gain Characteristic: 136 dB (20-meter band)
2 kHz 3rd-Order Dynamic Range: 114 dB (20-meter band)

* From QST Product Review

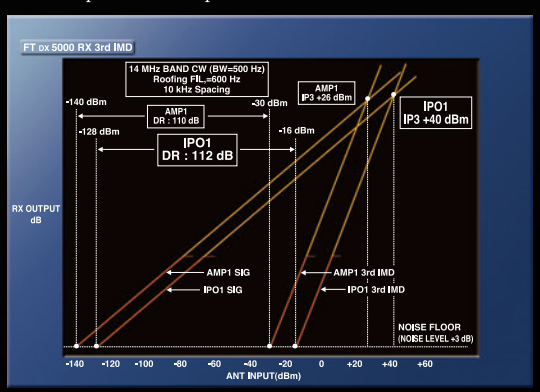
True RF Legend
True Performance



RF μ-Tuning Unit
(Optional)

■ Superb and astonishing IDR 112dB, IP3 +40dBm

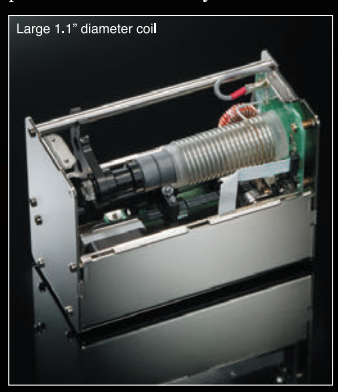
Superior close-in dynamic range affords the serious DX'er the best performance possible.



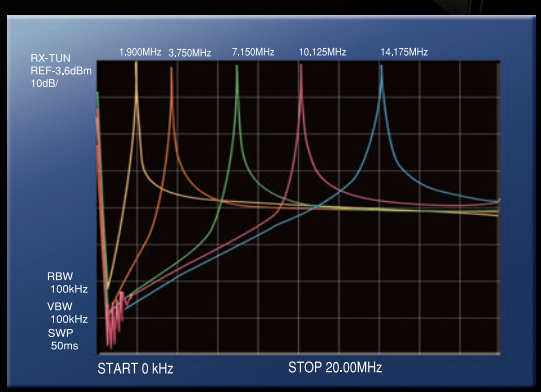
3rd Order Dynamic Range / IP3 (Intersept Point)

■ Provides ultra-high-Q RF preselection selectivity

Yaesu's optional μ-Tuning filter providing ultra-high-Q RF preselection selectivity on the 14 MHz and lower amateur bands.



RF μ-Tuning Unit (Optional)



μ-Tuning Frequency Response (10dB/Div, 2MHz/Div)

YAESU
The radio

YAESU USA
6125 Phyllis Drive, Cypress,
CA 90630 (714) 827-7600

For the latest Yaesu news, visit us on the Internet: **http://www.yaesu.com**

The full line scores for all categories are elsewhere in this issue. They are also posted online at <www.cqwpx.com>, where you can also access a searchable database of scores for all past CQ WPX contests. You will also find public logs from all the competitors to help you identify missed opportunities.

Single-Operator All-Band

Tom, W2SC, drove his 8P5A station to his fourth consecutive worldwide victory. Grigori, UA9BA, operated UP2L to edge out Steve, PJ4DX. Bob, KQ2M, won the USA plaque again, beating AC1U (Ed, N1UR, op). Bob has won WPX plaques in four different decades. Gildas, F4HQZ, used the TMØT disguise to beat out John, EA2OT, who also sported a special callsign, EF2A.

Single-Operator Single-Band

EF9R's (EA9LZ, op) record score on 40 meters was the highest single-band score. D4C (SQ9D, op) won the 20-meter plaque, while D41CV (IZ4DPV, op) posted the top 15-meter score. YW4D (YV1DIG, op) earned bragging rights on 80 meters while HG8R (HA8JV) beat S56P on top band.

Single-Operator Low-Power

Single-operator unassisted low-power all band remains the most popular category by a huge margin. Alfredo, WP3C, won handily, while Yuri (VE3DZ) signed VC3T to take the runner-up position. The stateside contingent was led by Terry,

2017 CQWW WPX SSB TROPHY WINNERS AND DONORS

SINGLE OPERATOR ALL BAND

WORLD: Tom Georgens, W2SC Trophy. Won by: **8P5A operated by Tom Georgens, W2SC**
WORLD Low Power: Caribbean Contesting Consortium Trophy. Won by: **Alfredo Velez, WP3C**
WORLD QRP: Phil Krichbaum, NØKE Trophy. Won by: **Serge Stepanov, UR5FEO**

USA: Atilano de Oms, PY5EG Trophy. Won by: **Robert Shohet, KQ2M/1**
USA Low Power: Terry Zivney, N4TZ Trophy. Won by: **KS9K operated by Terry Zivney, N4TZ**
USA QRP: Doug Zwiebel, KR2Q Trophy. Won by: **Randy Shirbroun, NDØC**
USA Zone 3 High Power: Lauri "Mac" McCreary, KG7C Trophy. Won by: **Richard Stepanian, W6TK**
USA Zone 3 Low Power: Buz Reeves, K2GL Memorial Trophy. Won by: **Paul Dorey, WN6K**
USA Zone 4 High Power: Society of Midwest Contesters Trophy. Won by: **George A. DeMontrond III, NR5M**
USA Zone 4 Low Power: Society of Midwest Contesters Trophy. Awarded to: **Dale Cheek, NY5B***
USA Zone 5 High Power: Charles Wooten, NF4A Trophy. Awarded to: **: AC1U operated by Ed Sawyer, N1UR***

EUROPE High Power: Dave Siddall, K3ZJ Trophy. Won by: **TMØT, operated by Gildas Balannec, F4HQZ**
EUROPE Low Power: Ed Sawyer, N1UR Trophy. Won by: **HA3DX, operated by Kaoly Nyemcsek, HA4XH**
EUROPE QRP: Walter Skudlaret, DJ6QT Memorial by Rhein-Rhur DX Association. Awarded to: **Vovchenko Ivan Vasil'evich, UT5EOX***

AFRICA: Peter Sprengel, PY5CC Trophy. Won by: **Elmar van Mourik, CS9/PD3EM**
ASIA: Chris Terkla, N1XS Trophy. Won by: **UP2L, operated by Grigori Smirnov, UA9BA**
NORTH AMERICA: Albert Crespo, F5VHJ Trophy. Awarded to: **WP4X operated by Felipe Hernandez, NP4Z***
NORTH AMERICA Low Power: Ed Sawyer, N1UR Trophy. Awarded to: **Sergio Orozco, XE1CT***
OCEANIA High Power: Phillip Frazier, K6ZM Memorial Trophy. Won by: **Pete Gladysz, AH7/K8PGJ**
SOUTH AMERICA: Andrew Faber, AE6Y Trophy. Won by: **Jose Luis Murano, LU1FM**
SOUTHERN CONE (CE, CX, LU) Low Power: LU Contest Group Trophy. **Won by: LQ7E operated by Claudio R. Nicolai, LW3DN**
CANADA High Power: Saskatchewan Contest Club Trophy. Won by: **VB3E, operated by Ron Vander Kraats, VE3AT**
CANADA Low Power: Paul Cassel, VE3SY Memorial Trophy by Contest Club Ontario. Won by: **VC3T, operated by Yuri Onipko, VE3DZ**
JAPAN: Hamad Alnusif, 9K2HN Trophy. Won by: **JE6RPM, operated by Katsuhiro 'Don' Kondou, JH5GHM**
ASEAN (3W, 9M, 9V, DU, HS, V85, XU, XW, XZ, YB) Low Power: YB Land DX Club Trophy. Won by: **Yohanes Budhiono, YB2DX**

SINGLE OPERATOR, SINGLE BAND

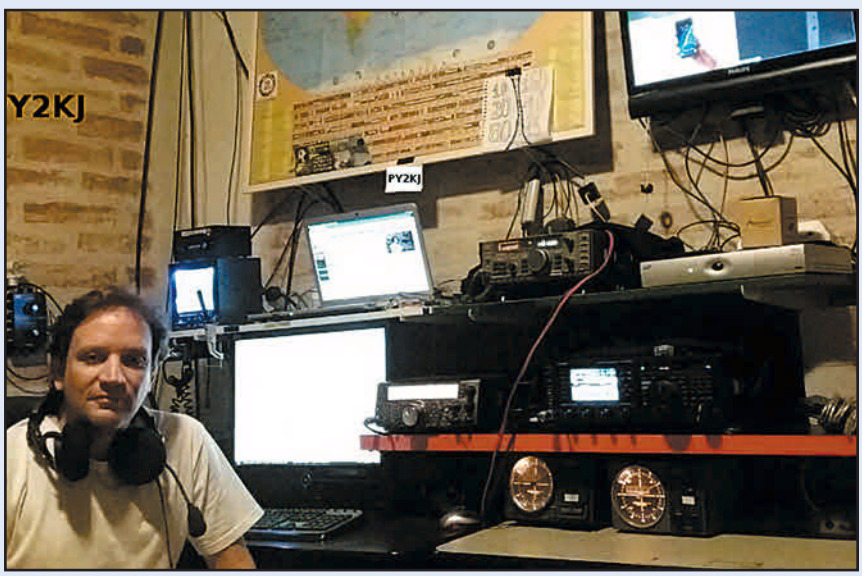
WORLD: Steve Merchant, K6AW Trophy. Won by: **EF9R, operated by Jorge Taboada Pareja, EA9LZ (7 MHz)**
WORLD 28 MHz: Mamuka Kordzakhia, 4L2M Trophy. Won by: **PS2T, operated by Ville Hiilesmaa, PY2ZEA**
WORLD 28 MHz Low Power: Six Stars Contest Station LS1D Trophy. Won by: **Horacio Schvarzman, LW7DX**
WORLD 21 MHz: Stuart Santelmann KC1F Memorial (Gene Shablygin, W3UA/RA3AA sponsor) Trophy. Won by: **D41CV operated by Massimo Cortesi, IZ4DPV**
WORLD 14 MHz: Lynn Schriner, W5FO Memorial by N5RZ Trophy. Won by: **D4C operated by Piotr Majchrzak, SQ9D**
WORLD 7 MHz Low Power: Neal Campbell, K3NC Trophy. Won by: **Victor. J Presman, RC7KY**
WORLD 1.8 MHz: UA2 Contest Club Trophy. Won by: **HG8R, operated by Pal Vrbovszki, HA8JV**

USA 28 MHz: Maurice Schietecatte, N4LZ Trophy. Won by: **KZ5MM, operated by Chuck Dietz, W5PR**
USA 21 MHz: Maurice Schietecatte, N4LZ Trophy. Won by: **KR4Z, operated by Jay Camac, N4OX**
USA 14 MHz: Charles Wooten, NF4A Trophy. Won by: **James Bilancio, KM4HI**
USA 7 MHz: Yankee Clipper Contest Club Trophy. Won by: **Alexander Sherman, W6AFA**
USA 3.7 MHz: Bernie Welch, W8IMZ Memorial Trophy. Won by: **Tim Wininger, AB4B**

PY2KJ Tests New 10-Meter Antenna

I participated in the CQ WPX SSB 2017 with the intention of testing my new antenna for 10 meters, a 4-element Yagi at a height of 10-meters, made by the Brazilian antenna factory "DIEX," owned by my friend Mr. Celso, PY2CM. The antenna assembly was done by me and my great brother PU2MZI, Mr. Franco Ben Junior, a great assembler of antennas. The results with the new antenna were excellent despite lousy propagation. The key was to call CQ uninterruptedly and pay attention to the few openings we had. I want to thank the contest organizers for their brilliant work. I would also like to thank the stations that answered my call, and I am very happy with the result. A big 73 to all and see you in the next contest.

Art, PY2KJ



Art, PY2KJ, entered the 10 meters, single-operator assisted category and tested out his new antenna. It worked well enough to earn him a certificate for his category.

EUROPE: 28 MHz: Chuck Dietz, W5PR Trophy: Won by: **G. Tommaso, IWØHBY**
EUROPE 14 MHz: SJ2W Contest Team Trophy. Won by: **CS2C operated by Jiri Pesta, OK1RF**
EUROPE 3.7 MHz: Ranko Boca, 4O3A Trophy. Awarded to: **Richard Gasparik, OK8WW***

SINGLE OPERATOR ASSISTED

WORLD: D4C Monteverde Contest Team Trophy. Won by: **ZX5J operated by Sergio Lima de Almeida, PP5JR**
WORLD QRP: Vincent Colombo, F4BKV Trophy. Won by: **Gendron Gerard, F5BEG**
USA: Alabama Contest Group Trophy. Won by: **Vasily Voly, K3ZU**
EUROPE: Martin Huml, OL5Y Trophy. Awarded to: **OM7M operated by Gabriele Iuliani, IT9RGY***
OCEANIA: Sid Caesar, NH7C Trophy. Won by: **Yana Koryana, YB1AR**

OVERLAY CATEGORIES

WORLD Tribander/Single-Element: Nate Moreschi, N4YDU Trophy. Won by: **Steve Telenius-Lowe, PJ4DX**
USA Tribander/Single-Element: Joe Miller, KJ8O Trophy. Won by: **Zeljko Zee Repic, K2SSS**
USA Tribander/Single-Element Low Power: Alex M. Josza, KG1E Trophy. Won by: **Ken Goetz, N2SQW**
Europe Tribander/Single-Element: Roger Miner, K1DQV Trophy. Won by: **EW5Z operated by Sergey Babakhin, EU1A**
WORLD Rookie: Val Edwards W8KIC Memorial (K3LR sponsor) Trophy. Won by: **Ivan Urosevic, YT5IVN**
USA Rookie: Joe Cazzalino, WX4CAZ Trophy. Won by: **John L. McVey, K4AFE**

MULTI-OPERATOR, SINGLE-TRANSMITTER

WORLD: Latvian Contest Club Trophy. Won by: **CN2AA operated by RL3FT, R3DCX, UA3ASZ, RX3APM, RK3AD, RW3FO, RN5M, RU9I, and RA3CO**
WORLD Low Power: Mike Goode, N9NS Memorial (Hoosier DX and Contest Club sponsor) Trophy. Won by: **HI3K operated by HI3CC, HI3K, and HI8EFS**
USA: Steve Bolia, N8BJQ Trophy. Won by: **WW2DX/1 operated by WW2DX, W2RE, K2NG, and NA2AA**
USA Low Power: Matt Tatro, NM1C Trophy. Won by: **KT4ZB operated by KT4ZB, KW4B, NY4D, N5GNA, W4JKG, N4KKD, and NW4TF**
ASIA: W2MIG Memorial (NX7TT Sponsor) Trophy. Won by: **9K2HN operated by 9K2HN, 9K2RR, 9K2OD, 9K2HQ, 9K2HK, and 9K2NO**
EUROPE: Tonno Vahk, ES5TV Trophy. Won by: **EI7M operated by EI8IR, EI3JE, EI3JZ, EI3KD, G4CLA, GØCKV, EI5GSB, and EI5IX**

MULTI-OPERATOR, TWO-TRANSMITTER

WORLD: Ken Adams, K5KA Memorial Trophy. Won by: **P33W operated by 5B4AIE, LZ2HM, R4FO, RK4FD, UA4FER, RW4WR, and RA3AUU**
USA: Florida Contest Group Trophy. Won by: **WC6H operated by WC6H, N6TV, N7MH, N6KI, K6ST, and WX5S**
EUROPE: Rich Strand, KL7RA Memorial Trophy. Won by: **IR6T operated by I6CXB, IK6JNH, IK6LBT, IK6VXO, IK8UND, IU6AKY, IU6HPN, IX1BFL, IZ6CRK, and IZ6TSA**

MULTI-OPERATOR, MULTI-TRANSMITTER

WORLD: Gail M. Sheehan, K2RED Trophy. Won by: **CN3A operated by IK2QEI, IK2SGC, IK2LFF, IZ1LBG, IW1ARB, IZ2DLV, IT9BLB, and CN8WW**
USA: Dale Hoppe, K6UA Memorial Trophy. Won by: **WX3B operated by WX3B, WR3R, WA3AER, W3GVX, K1RH, N8IVN, NH7C, KC3BWA, K3AJ, K3DNE, AK3Z, KC3EMA, KC3GUA, KC9QJS, KC9QJR, and Elizabeth**
EUROPE: Rick Dougherty, NQ4I Trophy. Won by: **9A1A operated by 9A5W, 9A9A, 9A6A, 9A7R, 9A7C, 9A7MIM, 9A7CDZ, 9A8A, 9A2EU, 9A7DR, and IW2MJQ**

CONTEST EXPEDITION

WORLD: C6APR Memorial by Andre Coelho, PT7ZZ Trophy. Won by: **YN2KW operated by KD2KW, NM5G, W5MF, K5WL**

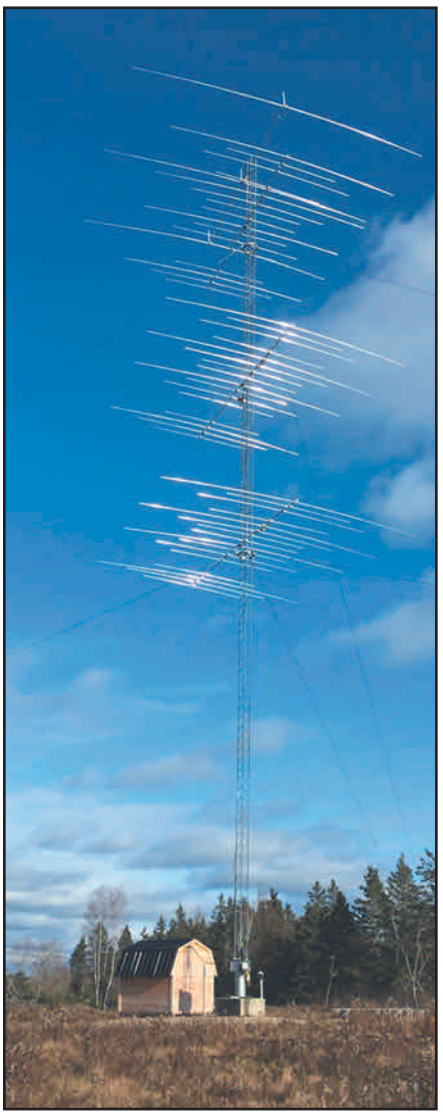
**Denotes awarded to runner-up in category*

Lee, WW2DX, and David, NA2AA, were two of the remote operators of WW2DX/1, the U.S. Multi-Single winners.

N4TZ, operating as KS9K, with WN6K placing second. In general, the low-power single-band scores were much more closely bunched than were the high power scores. If you ran low power, South America was the place to be on 10 and 15 meters, while Europe was the sweet location on the remaining bands.

Single-Operator Assisted

This year, 1,821 single operators reported the use of assistance during the contest. Worldwide, last year's runner-up, PP5JR, changed callsigns to ZX5J to edge out VE3EJ, while K3ZU was tops in the U.S. A lot of activity took place in the assisted single-band categories as well. As in the unassisted categories, South America was the place to be on the high bands and Europe on the low bands. But, PJ2DX (PT2IC, op) and 4M1K (YV1KK, op) on 40 managed



The Eastport, Maine tower used by WW2DX/1.

2017 CQWW WPX SSB TOP SCORES

WORLD

Single Op All Band High Power
8P5A 19,772,874
UP2L (UA9BA) 15,690,864
PJ4DX 15,406,776
VB3E (VE3AT) 13,921,750
TMØT (F4HQZ) 13,349,716

Single Op 28 MHz High Power
PS2T (PY2ZEA) 300,300
KZ5MM (W5PR) 85,398
JA7OWD 17,928

Single Op 21 MHz High Power
D41CV (IZ4DPV) 8,635,005
CX2DK 6,731,604
PW2D (PY2LSM) 5,572,440

Single Op 14 MHz High Power
D4C (SQ9D) 13,226,544
CS2C (OK1RF) 6,213,714
YW5T (YV5JBI) 5,606,172

Single Op 7 MHz High Power
EF9R (EA9LZ) 19,451,880
TM6M (F1AKK) 12,684,760
TI5W (N3KS) 10,829,850

Single Op 3.7 MHz High Power
YW4D (YV1DIG) 2,901,840
OK8WW 2,194,530
S57Z 1,641,970

Single Op 1.8 MHz High Power
HG8R (HA8JV) 591,888
S56P 544,558
K1ZM 220,662

Single Op All Band Low Power
WP3C 9,507,390
VC3T (VE3DZ) 6,652,746
7Z1SJ 4,845,904
HA3DX (HA4XH) 4,071,054
YT8A (YU1EA) 2,338,479

Single Op 28 MHz Low Power
LW7DX 232,990
YV1YL 184,698
CE3GDR 163,011

Single Op 21 MHz Low Power
FY5KE (F1HAR) 3,494,506
ZY2B 2,591,238
ZV2C (PY2CX) 1,622,292

Single Op 14 MHz Low Power
IT9BDM 1,156,320
TG9ANF 1,135,134
PY2NY 875,088

Single Op 7 MHz Low Power
RC7KY 1,452,360
ES6RW (ES5RW) 1,028,565
S53Q 767,565

Single Op 3.7 MHz Low Power
PH9ØT (PA2TMS) 883,596
E77CV 433,270
YY2GAL 426,816

Single Op 1.8 MHz Low Power
EW8R 174,629
E74R (E79AA) 147,815
SNØR (SQ9IAU) 116,194

Single Op All Band High Power Assisted
ZX5J (PP5JR) 15,624,798
VE3EJ 14,486,810
OM7M (IT9RGY) 11,510,926
S55T (S57AL) 10,194,436
ES9C (ES7GM) 9,631,811

Single Op 28 MHz High Power Assisted
PY2KJ 202,878
LU2FE 78,540
PY2TMV 21,385

Single Op 21 MHz High Power Assisted
PV2P (PY2DY) 6,843,572
LU1FKR 5,914,650
CV7S 3,239,665

Single Op 14 MHz High Power Assisted
PJ2DX (PT2IC) 7,178,760
ED8W (EA8JR) 6,580,962
OL4A (OM6NM) 5,942,970

Single Op 7 MHz High Power Assisted
4M1K (YV1KK) 9,877,772
SN3A (SP3GEM) 7,447,440
US1I 6,398,744

Single Op 3.7 MHz High Power Assisted
S56M 3,073,158
S54ZZ 1,979,232
YT5A (YU1AU) 1,713,610

Single Op 1.8 MHz High Power Assisted
S53F 161,414
OF1Z (OH1LEG) 146,718
OZ1ADL 71,996

Single Op All Band Low Power Assisted
HI3T 4,768,976
7Z1CQ 4,166,935
UZ3A (UX1AA) 3,691,452
LY7Z 3,522,948
OK6T (OK1WCF) 3,431,946

Single Op 28 MHz Low Power Assisted
PU2SDX 32,184
PU5BOY 21,093
PU5SKW 15,276

Single Op 21 MHz Low Power Assisted
PP5JN 2,704,800
HK3TK 984,932
YV6YV 926,532

Single Op 14 MHz Low Power Assisted
ED7R (EA7GX) 1,887,780
HI8JSG 1,458,624
UR3GU 1,260,840

Single Op 7 MHz Low Power Assisted
OL9R (OK6RA) 938,952
LY8O 738,287
YV4ET 508,667

Single Op 3.7 MHz Low Power Assisted
G8X (G4FJK) 298,272
IT9RBW 171,462
OM6TX 146,050

Single Op 1.8 MHz Low Power Assisted
OK2BFN 134,696
SO5MAX 70,238
UT5RQ 39,456

Single Op All Band QRP
UR5FEO 251,340
NDØC 226,014
UT5EOX 153,333
UX8IX 129,132
W9RF 115,937

Single Op 28 MHz QRP
LU4VZ 26,058
PU4ALZ 1,056

Single Op 21 MHz QRP
7N4WPY 17,696
DU7OK 15,708
WA6FGV 15,640

Single Op 14 MHz QRP
RW3AI 56,400
SV1NK 45,746
SY1AEA 37,668

Single Op 7 MHz QRP
G8C 60,672
LY2NK 57,304
S53NW 56,794

Single Op 3.7 MHz QRP
OM7ANT 46,368
LY2BMX 18,568
DM5SB 16,652

Single Op 1.8 MHz QRP
HA5NB 18,400

Single Op All Band QRP Assisted
F5BEG 617,265
UT3EK 202,288
S53K 159,621
IZØFUW 123,824
CF7FC 116,529

Single Op 28 MHz QRP Assisted
3G3O (CE3OP) 5,904

Single Op 21 MHz QRP Assisted
IZ3NVR 10,230
YO8WW 10,140
PY2BI 7,371

Single Op 14 MHz QRP Assisted
E74Y 210,976
YP8W (YO8SEP) 155,440
YU7ZZ 123,085

Single Op 7 MHz QRP Assisted
G7KXZ 244,751
IZ8JFL 131,872
K3TW/4 28,428

Single Op 3.7 MHz QRP Assisted
N9NBC 2,475

Single Op 1.8 MHz QRP Assisted
HA7JQK 1,058

Multi-Single High Power
CN2AA 49,832,835
EB8AH 41,544,050
EI7M 19,831,500
9K2HN 19,445,374
E7DX 18,302,853

Multi-Single Low Power
HI3K 5,268,656
3V8SS 4,400,000
YV5ØARV 3,817,216
VE9ML/1 2,492,581
YM2KY 2,460,333

Multi-Two
P33W 43,147,650
IR6T 21,051,030
WH6R 19,597,589
LY27A 16,509,736
ZV5O 15,285,440

Multi-Multi
CN3A 55,670,247
9A1A 27,951,264
II9P 26,044,441
LZ9W 22,902,922
OT5A 17,286,061

Rookie
Single Op All Band High Power
YT5IVN 1,002,364
LMØØQ (LB1AH) 567,182
IU3FBL 333,775
IU4FIT 255,780
K4AFE 201,432

Single Op 21 MHz High Power
YU3EEA 149,855
IU5FFM 24,650
MØPLX 6,768

Single Op 14 MHz High Power
F4HRM 34,553
W1JIW 4,646

Single Op 7 MHz High Power
ZL4YL 819,280
A96A (A92AA) 103,768
KEØITC 21,510

Single Op All Band Low Power
IB9P 632,286
SO7BIT 291,407
EA7JXZ 279,972
LB5BG 226,134
SP6KK 207,656

Single Op 28 MHz Low Power
PU8YAB 6,000
PU8TAS 1,325

Single Op 21 MHz Low Power
A71MM 642,665
HP1MAC 63,474
2EØYTX 3,232

Single Op 14 MHz Low Power
BG7BES 352,221
YP8W (YO8SEP) 155,440
R4IB 107,968

Single Op 7 MHz Low Power
YD8UXV 78,446
9W2DQM 71,048
YT5DEY 52,560

Tribander/Single Element
Single Op All Band High Power
PJ4DX 15,406,776
VC2W (VA2WA) 9,290,736
KP2XX 6,291,240
EW5Z (EU1A) 5,821,036
V31VP (WBØTEV) 5,678,561

Single Op 28 MHz High Power
AA7V 7,650

Single Op 21 MHz High Power
4XØA (4X1VF) 549,984
A93JA (KE5JA) 243,695
CE1UGE 195,360

Single Op 14 MHz High Power
T77CX 2,534,972
8SØC (SMØMPV) 1,240,476
IR2R (IZ2EWR) 971,734

Single Op 7 MHz High Power
MØMCV 625,826
I2WIJ 573,272
DK5A (DK5KMA) 538,650

Single Op 3.7 MHz High Power
9A3B (9A2VR) 1,335,999
EU4E 938,276
EU5C (EW1I) 418,446

Single Op 1.8 MHz High Power
SN5V (SQ5EBM) 143,161
UX5IS 38,400
DQ2C (DL2SAX) 21,400

Single Op All Band Low Power
VC3T (VE3DZ) 6,652,746
LY7Z 3,522,948
LU1FM 2,295,762
SQ6H (SQ6PLH) 1,562,244
CT1BXT 1,203,327

Single Op 28 MHz Low Power
PU2PSP 29,290
PU5SKW 15,276
3G3O (CE3OP) 5,904

Single Op 21 MHz Low Power
YY1MTX 336,815
PP7DX 84,016
CE1UMY 53,900

Single Op 14 MHz Low Power
ED7R (EA7GX) 1,887,780
RU5TT (R3TE) 605,488
CR5D (CT1FJO) 449,152

Single Op 7 MHz Low Power
IW2BZY 408,859
IZ4REF 320,914
IZ1DGG 214,668

Single Op 3.7 MHz Low Power
LY5Q 318,348
F1FPL 59,840
OM7ANT 46,368

Single Op 1.8 MHz Low Power
EW8R 174,629
SNØR (SQ9IAU) 116,194
HA1TI 67,872

UNITED STATES

Single Op All Band High Power
KQ2M/1 10,998,838
AC1U 9,967,860
NR3X (N4YDU)/2 7,174,622
NR5M 5,924,930
K2SSS 4,679,064

Single Op 28 MHz High Power
KZ5MM (W5PR) 85,398
AA7V 7,650
NY1E/4 1,140

Single Op 21 MHz High Power
KR4Z (N4OX) 500,840
N7RQ 369,198
KU2M 265,643

Single Op 14 MHz High Power
KM4HI 940,680
NK7L 372,416
W9OP 257,088

Single Op 7 MHz High Power
W6AFA 1,848,056
WC4H 193,392
K9CJ 43,778

Single Op 3.7 MHz High Power
AB4B 536,448
WN2O (N2GC) 199,920
AE7VA 114,200

Single Op 1.8 MHz High Power
K1ZM 220,662

Single Op All Band Low Power
KS9K (N4TZ) 1,343,920
WN6K 666,965
NY5B 581,208
N8IL 494,484
K5FUV 475,437

Single Op 28 MHz Low Power
AA4NP 1,080

Single Op 21 MHz Low Power
K7XE/6 28,512
W7UPF 22,878
W2AW (N2GM) 19,923

Single Op 14 MHz Low Power
K6GHA 266,798
K2JMY 98,816
WA7NWL 41,144

Single Op 7 MHz Low Power
KG4IGC 92,480
KB3LIX 90,585
WN4AFP 84,480

Single Op 3.7 MHz Low Power
AB1U (W6RKC)/6 1,450

Single Op All Band High Power Assisted
K3ZU 7,079,604
W3LL 5,116,045
KT6V (MMØLID)/4 4,584,771
W8MJ 3,806,613
W4ML (W4MYA) 3,350,277

Single Op 21 MHz High Power Assisted
WV6I (N6WM) 419,420
WN1GIV (N4BP)/4 219,384
KX1BK (W1QK) 130,449

Single Op 14 MHz High Power Assisted
KVØQ 2,995,525
WR2G 998,665
NA6O 101,712

Single Op 7 MHz High Power Assisted
K3EST/6 4,140,081
AE1ME (K1JB) 491,075
W2IRT 449,167

Single Op 3.7 MHz High Power Assisted
N6JV 212,940
K4WW 22,968

Single Op 1.8 MHz High Power Assisted
W2MF 42,183
NR6O (N6RO) 5,777

Single Op All Band Low Power Assisted
N2SQW 1,027,530
NC7M 763,029
W4ZAO 554,190
W9AV 401,940
W4EE 346,560

Single Op 28 MHz Low Power Assisted
NA4W (K4WI) 1,408

Single Op 21 MHz Low Power Assisted
AF5CC 3,162
K3WYC/7 1,364

Single Op 14 MHz Low Power Assisted
N7FLT 122,807
W6AWW 63,684
K2RK/3 24,794

Single Op 7 MHz Low Power Assisted
KK4AND 40,392
N8BV 31,713
W7TR 11,832

Single Op 3.7 MHz Low Power Assisted
W1DYJ 30,690

Single Op All Band QRP
NDØC 226,014
W9RF 115,937
W6QU (W8QZA) 112,435
N4ZAK 33,702
NW3H 10,656

Single Op 21 MHz QRP
WA6FGV 15,640

Single Op 14 MHz QRP
KA8SMA 19,344
KZ3I 9,310
W1TEF/4 3,666

Single Op 7 MHz QRP
WBØIWG 11,753
KQ2RP 3,026

Single Op All Band QRP Assisted
AA1K/3 10,797
W4QO 7,614
K8ZT 1,008

Single Op 14 MHz QRP Assisted
KG1E 36,772

Single Op 7 MHz QRP Assisted
K3TW/4 28,428

Single Op 3.7 MHz QRP Assisted
N9NBC 2,475

Multi-Single High Power
WW2DX/1 13,175,114
NV9L 8,699,176
N3QE 8,625,078
KØDU 7,416,962
KR1DX 5,596,536

Multi-Single Low Power
KT4ZB 1,613,115
K4MM 1,445,464
NE5LL 833,378
WK1DS/4 425,726

Multi-Two
WC6H 9,550,644
K9CT 8,492,610
NQ2F 4,924,920
KG4USN/3 4,038,540
AD7JP 2,483,690

Multi-Multi
WX3B 12,758,535
NE1C 11,545,674

Rookie
Single Op All Band High Power
K4AFE 201,432
KB2FMH 168,000
N2NYU 135,585
KM4AHP 79,846

Single Op 14 MHz High Power
W1JIW 4,646

Single Op 7 MHz High Power
KEØITC 21,510

Single Op All Band Low Power
KG5HVO 179,409
K1LOL 135,710
KK4JW 103,140
KM4SII 95,669
KEØHQO 84,952

Single Op 14 MHz Low Power
AA5DX 13,260
W1AKI 2,920
NQ5M 1,887

Single Op 7 MHz Low Power
W4LID 33,561

Tribander/Single Element
Single Op All Band High Power
K2SSS 4,679,064
KM5VI 3,124,046
WC2L (W2GDJ) 2,320,908
K4BAI 2,237,964
WS9V 1,803,897

Single Op 28 MHz High Power
AA7V 7,650

Single Op 21 MHz High Power
WD5K 131,860
KE1B/6 90,400
K7MY 16,968

Single Op 14 MHz High Power
KM4HI 940,680
WA1JMP 252,880
NE8P 242,907

Single Op 7 MHz High Power
WK9U 329,810
K9OM/4 196,225
WC4H 193,392

Single Op 3.7 MHz High Power
WN2O (N2GC) 199,920
AE7VA 114,200
AI4WW 37,742

Single Op All Band Low Power
N2SQW 1,027,530
N8IL 494,484
K5FUV 475,437
KD9LA/4 388,048
NGØC 383,376

Single Op 21 MHz Low Power
W9TC 4,066
AF5CC 3,162

Single Op 14 MHz Low Power
K6GHA 266,798
K2RK/3 24,794
WI1K 15,130

Single Op 7 MHz Low Power
KB3LIX 90,585
WN4AFP 84,480
KO3T 81,750

Single Op 3.7 MHz Low Power
W1DYJ 30,690

EUROPE

Single Op All Band High Power
TMØT (F4HQZ) 13,349,716
EF2A (EA2OT) 11,764,285
S57ØC (S55OO) 9,190,002
CR6K (CT1CJJ) 6,890,689
IO2X (IK2NCJ) 5,509,152

Single Op 21 MHz High Power
CR6T 807,540
YU3EEA 149,855
RU3SD 142,814

Single Op 14 MHz High Power
CS2C (OK1RF) 6,213,714
S5ØK 4,885,650
YT1A 3,322,104

Single Op 7 MHz High Power
TM6M (F1AKK) 12,684,760
YT7A (YU7GM) 6,738,264
OK7W (OK1CID) 6,369,220

Single Op 3.7 MHz High Power
OK8WW 2,194,530
S57Z 1,641,970
SP7VC 1,628,852

Single Op 1.8 MHz High Power
HG8R (HA8JV) 591,888
S56P 544,558
UY3AW 151,782

Single Op All Band Low Power
HA3DX (HA4XH) 4,071,054
YT8A (YU1EA) 2,338,479
OE2E (OE2GEN) 1,529,044
CT1BXT 1,203,327
USØHZ 1,194,915

Single Op 21 MHz Low Power
YR8V (YO8CT) 41,140
UT1DX 38,454
LZ9V 34,692

Single Op 14 MHz Low Power
IT9BDM 1,156,320
ES2MC 522,852
Z35W 510,327

Single Op 7 MHz Low Power
RC7KY 1,452,360
ES6RW (ES5RW) 1,028,565
S53Q 767,565

Single Op 3.7 MHz Low Power
PH9ØT (PA2TMS) 883,596
E77CV 433,270
LY9A 413,294

Single Op 1.8 MHz Low Power
EW8R 174,629
E74R (E79AA) 147,815
SNØR (SQ9IAU) 116,194

Single Op All Band High Power Assisted
OM7M (IT9RGY) 11,510,926
S55T (S57AL) 10,194,436
ES9C (ES7GM) 9,631,811
UW1M 8,159,564
DQ5M (DJ8OG) 6,613,924

Single Op 21 MHz High Power Assisted
TM7F (F6GLH) 287,280
OM8DD 128,282
LZ5R (US5WEP) 118,585

Single Op 14 MHz High Power Assisted
OL4A (OM6NM) 5,942,970
S57AW 5,512,983
IR1Y (IK1HJS) 3,972,176

Single Op 7 MHz High Power Assisted
SN3A (SP3GEM) 7,447,440
US1I 6,398,744
S56X 3,724,938

Single Op 3.7 MHz High Power Assisted
S56M 3,073,158
S54ZZ 1,979,232
YT5A (YU1AU) 1,713,610

Single Op 1.8 MHz High Power Assisted
S53F 161,414
OF1Z (OH1LEG) 146,718
OZ1ADL 71,996

Single Op All Band Low Power Assisted
UZ3A (UX1AA) 3,691,452
LY7Z 3,522,948
OK6T (OK1WCF) 3,431,946
SQ6H (SQ6PLH) 1,562,244
RL6M 1,497,960

Single Op 28 MHz Low Power Assisted
EA4AA 2,132

Single Op 21 MHz Low Power Assisted
IZ8EYP 218,994
EA1YG 72,874
UT5EL 55,380

Single Op 14 MHz Low Power Assisted
ED7R (EA7GX) 1,887,780
UR3GU 1,260,840
IF9A (IT9WDC) 1,246,992

Single Op 7 MHz Low Power Assisted
OL9R (OK6RA) 938,952
LY80 738,287
YU1UO 208,028

Single Op 3.7 MHz Low Power Assisted
G8X (G4FJK) 298,272
IT9RBW 171,462
OM6TX 146,050

Single Op 1.8 MHz Low Power Assisted
OK2BFN 134,696
SO5MAX 70,238
UT5RQ 39,456

Single Op All Band QRP
UR5FEO 251,340
UT5EOX 153,333
UX8IX 129,132
G4Q (G3PRI) 84,546
9A4OP/QRP 80,180

Single Op 21 MHz QRP
YO6XK 7,560
HG3C (HA3HX) 3,432
OK1LV 2,511

Single Op 14 MHz QRP
RW3AI 56,400
SV1NK 45,746
SY1AEA 37,668

Single Op 7 MHz QRP
G8C 60,672
LY2NK 57,304
S53NW 56,794

Single Op 3.7 MHz QRP
OM7ANT 46,368
LY2BMX 18,568
DM5SB 16,652

Single Op 1.8 MHz QRP
HA5NB 18,400

Single Op All Band QRP Assisted
F5BEG 617,265
UT3EK 202,288
S53K 159,621

Single Op 21 MHz QRP Assisted
IZ3NVR 10,230
YO8WW 10,140

Single Op 14 MHz QRP Assisted
E74Y 210,976
YP8W (YO8SEP) 155,440
YU7ZZ 123,085

Single Op 7 MHz QRP Assisted
G7KXZ 244,751
IZ8JFL 131,872
EM9Q (UR9QQ) 11,284

Single Op 1.8 MHz QRP Assisted
HA7JQK 1,058

Multi-Single High Power
EI7M 19,831,500
E7DX 18,302,853
IO5O 18,289,379
IR4M 16,459,770
DQ8N 14,816,664

Multi-Single Low Power
S54I 1,229,040
YR5N 1,159,752
OZ7D 1,152,794

Multi-Two
IR6T 21,051,030
LY27A 16,509,736
HG7T 15,008,308
OF5Z 12,013,218
IK2YCW 9,687,972

Multi-Multi
9A1A 27,951,264
II9P 26,044,441
LZ9W 22,902,922
OT5A 17,286,061
DP7D 16,429,479

Rookie
Single Op All Band High Power
YT5IVN 1,002,364
LM8ØQ (LB1AH) 567,182
IU3FBL 333,775

Single Op 21-MHz High Power
YU3EEA 149,855
IU5FFM 24,650
MØPLX 6,768

Single Op 14-MHz High Power
F4HRM 34,553

Single Op All Band Low Power
IB9P 632,286
SO7BIT 291,407
EA7JXZ 279,972

Single Op 21 MHz Low Power
2EØYTX 3,232

Single Op 14 MHz Low Power
YP8W (YO8SEP) 155,440
R4IB 107,968
UR3RAA 106,301

Single Op 7 MHz Low Power
YT5DEY 52,560
IU4FNO 49,560
9A6TT 45,064

Tribander/Single Element
Single Op All Band High Power
EW5Z (EU1A) 5,821,036
IK3UNA 2,189,616
OO7P 2,112,801

Single Op 21 MHz High Power
EA6XQ 109,335
I3FGX 41,910

Single Op 14 MHz High Power
T77CX 2,534,972
8SØC (SMØMPV) 1,240,476
IR2R (IZ2EWR) 971,734

Single Op 7 MHz High Power
MØMCV 625,826
I2WIJ 573,272
DK5A (DK5KMA) 538,650

Single Op 3.7 MHz High Power
9A3B (9A2VR) 1,335,999
EU4E 938,276
EU5C (EW1I) 418,446

Single Op 1.8 MHz High Power
SN5V (SQ5EBM) 143,161
UX5IS 38,400
DQ2C (DL2SAX) 21,400

Single Op All Band Low Power
LY7Z 3,522,948
SQ6H (SQ6PLH) 1,562,244
CT1BXT 1,203,327

Single Op 21 MHz Low Power
F5VMN 17,550
IZ5CMI 17,082
IZ3NVR 10,230

Single Op 14 MHz Low Power
ED7R (EA7GX) 1,887,780
RU5TT (R3TE) 605,488
CR5D (CT1FJO) 449,152

Single Op 7 MHz Low Power
IW2BZY 408,859
IZ4REF 320,914
IZ1DGG 214,668

Single Op 3.7 MHz Low Power
LY5Q 318,348
F1FPL 59,840
OM7ANT 46,368

Single Op 1.8 MHz Low Power
EW8R 174,629
SNØR (SQ9IAU) 116,194

to nudge past the hordes of Europeans on those bands to take home worldwide bragging rights.

Single-Operator QRP

The poor conditions are shown by the decline in QRP entries, with 220 very low power logs received this year. UR5FEO was world-high QRP all bands. NDØC was the top U.S. finisher, second in the world. F5BEG was the top assisted QRP all-band scorer. QSO finding assistance contributed far more to the QRP scores than to the top scores of the higher-powered categories.

Overlay Categories

The Rookie overlay category was established to encourage recently-licensed hams to try the contest experience. This year, 282 entries checked this overlay category, about the same as last year. Ivan, YT5IVN, operated all-band high-power to win the World Rookie plaque. Ivan was the only rookie to top 1 million points this year. John, K4AFE, led the U.S. rookies.

The Tribander/Single-Element overlay category is intended to provide a measuring tool for average stations, of which there were 808 entrants who selected this overlay. Still, the best operators with good locations for their tribanders can achieve huge scores. Steve, PJ4DX, ran away with this category while VC3T (VE3DZ, op) dominated the low-power crowd with a score that would have been third place among the high-power TBW stations. Zee, K2SSS, showed you didn't need a "special" prefix to lead the USA Tribander/Single-Element all band competitors. N2SQW had the highest U.S. low power score.

Multi-Operator

The top scores of the multi-operator categories remind me of the Johnny Cash classic, "The One on the Right is on the Left…" CN2AA, last year's Multi-Two champs captured the Multi-Operator Single-Transmitter plaque. The guys at P33W, the previous M/S winners, won the Multi-Two plaque, while 2015's M/2 winner CN3A won this year's Multi-Multi category.

The WW2DX/1 crew had the top U.S. M/S score. The scores of second place NV9L and third place N3QE differed by less than 1%. HI3K regained the low power Multi-Single plaque. KT4ZB was the stateside low power M/S winner. A total of 106 stations (up from 91 last year) tried this category, compared to the 153 (up from 133) stations in the more established high-power category. The Multi-Two category also posted growth, with 53 stations this time, up from 42 last year. Only 21 stations showed the desire to man six bands full-time to mount a Multi-Multi challenge, what with the lack of propagation on 10 (and 15) meters.

Records

The only new world record this year is in the 40-meter category, where EF9R set the mark. TM6M and TI5W set new continental records on 40 meters while YW4D set a new 80-meter mark for South America.

CQWW WPX SSB CONTEST ALL-TIME RECORDS

The contest is held each year on the last full weekend of March. The All-Time Records will be updated and published annually. Data following the calls: year of operation, total score, and number of prefix multipliers.

WORLD RECORD HOLDERS

Single Operator

1.8	CN2R ('07)	1,613,955	399
3.5	CN2R ('06)	11,849,076	894
7.0	EF9R ('17)	19,451,880	1080
14	CN2R ('08)	15,778,840	1199
21	CN2R ('11)	20,704,164	1443
28	D4C ('14)	17,885,556	1404
AB	CN2R ('13)	30,683,396	1433
LP	FY5FY ('15)	17,380,143	1251
QRP	HC8A ('94)	7,520,562	714
Assisted	CQ3L ('15)	23,505,780	1388

Multi-Operator Single Transmitter

CN2AA	('14)	52,766,482	1759

Multi-Operator Two Transmitter

D4C	('15)	86,622,448	1936

Multi-Operator Multi-Transmitter

CN2AA	('15)	121,620,720	2040

U.S.A. RECORD HOLDERS

Single Operator

1.8	K1ZM ('95)	327,712	308
3.5	K1UO ('10)	2,161,782	602
7.0	WU3A/1 ('11)	4,731,424	796
14	KQ2M ('09)	7,034,082	1082
21	KQ2M/1 ('11)	9,591,670	1210
28	KQ2M/1 ('14)	8,264,263	1141
AB	K1LZ ('16)	15,981,756	1281
LP	WW2Y ('16)	8,047,572	1027
QRP	KR2Q ('00)	2,688,158	649
Assisted	KI1G ('11)	13,075,616	1268

Multi-Operator Single Transmitter

WW2DX	('12)	19,167,080	1373

Multi-Operator Two Transmitter

K1LZ	('10)	30,393,480	1560

Multi-Operator Multi-Transmitter

NQ4I	('14)	31,335,980	1690

CLUB RECORD

Contest Club Finland	('00)	250,320,141

QRP RECORD

HC8A	('94)	7,520,562

WPX (Prefix) RECORD

ES9C	('14)	2057

CONTINENTAL RECORD HOLDERS

AFRICA

1.8	CN2R ('07)	1,613,955	399
3.5	CN2R ('06)	11,849,076	894
7.0	EF9R ('17)	19,451,880	1080
14	CN2R ('08)	15,778,840	1199
21	CN2R ('11)	20,704,164	1443
28	D4C ('14)	17,885,556	1404
AB	CN2R ('13)	30,683,396	1443

ASIA

1.8	*YMØT ('05)	486,846	222
3.5	H2T ('10)	3,067,296	534
7.0	5B/KC2TIZ ('10)	6,761,872	754
14	P33W ('10)	8,004,130	1030
21	4L8A ('15)	7,816,419	1053
28	H22H ('00)	9,092,146	931
AB	UPØL ('12)	18,541,055	1235

EUROPE

1.8	SN3R ('07)	835,884	434
3.5	EI7M ('10)	3,527,075	731
7.0	TM6M ('17)	12,684,760	1135
14	SJ2W ('16)	10,553,158	1309
21	CR6T ('14)	10,338,560	1312
28	GM7V ('00)	8,305,756	982
AB	CQ8X ('14)	20,759,765	1385

NORTH AMERICA

1.8	VA1A ('99)	535,225	271
3.5	ZF1A ('08)	2,269,344	462
7.0	TI5W ('17)	10,829,850	930
14	KP2A ('95)	7,088,976	912
21	VP2EH ('11)	14,899,185	1305
28	KP2A ('00)	11,385,710	1046
AB	8P5A ('16)	27,306,666	1422

OCEANIA

1.8	KH6ND ('07)	26,432	59
3.5	WH7Z ('03)	1,208,900	308
7.0	ZL3A ('08)	8,200,800	816
14	KH6ND ('03)	6,493,727	887
21	AH7DX ('00)	7,645,990	890
28	TXØDX ('00)	12,049,422	847
AB	KH7X ('11)	20,676,524	1244

SOUTH AMERICA

1.8	HK1KYR ('10)	44,814	77
3.5	YW4D ('17)	2,901,840	535
7.0	HK1T ('12)	14,512,230	1062
14	HK1X ('11)	13,783,532	12599
21	ZX5J ('10)	16,746,977	1369
28	PX5E ('14)	17,817,600	1450
AB	HC8A ('01)	25,180,199	1199

MULTI-OPERATOR SINGLE TRANSMITTER

AF	D4C ('15)	86,622,448	1936
AS	P33W ('14)	43,457,520	1720
EU	EI7M ('14)	31,158,736	1648
NA	VP2EC ('92)	24,409,580	1115
OC	KH7X ('12)	19,038,120	1180
SA	HC8A ('93)	32,502,677	1107

MULTI-OPERATOR TWO TRANSMITTER

AF	EB8AH ('11)	68,072,520	1765
AS	UP2L ('14)	46,044,068	1748
EU	OL4A ('14)	36,280,074	1774
NA	WP2Z ('14)	34,886,363	1607
OC	VK4KW ('11)	26,528,482	1369
SA	PJ4Z ('12)	57,741,867	1641

MULTI-OPERATOR MULTI-TRANSMITTER

AF	CN2AA ('15)	121,620,720	2040
AS	P3A ('00)	53,554,592	1456
EU	ES9C ('14)	73,120,179	205
NA	KL7RA ('14)	42,051,076	1763
OC	KH7R ('02)	32,806,032	1304
SA	HK1NA ('13)	65,361,128	1687

**Low Power*

Records for all of the various categories and countries can be found at <www.cqwpx.com/records.htm>.

Final Observations

We are glad to again include the complete listing of stations and their line scores. Assisted stations' line scores are found immediately after the single-operator unassisted line scores for each call area or country. Logs received after the official deadline are shown in italics in the line scores and are not eligible for any awards. In addition, searchable databases of the entire history of the CQWW WPX Contest results are available on the contest website <www.cqwpx.com>.

There are a number of volunteers making this contest possible. K5ZD and K3WW provided the skilled personal analysis of the logs that computers alone cannot provide. The software support from K1EA and KM3T enables the timely processing of your logs. Doug, K1DG, handles the plaques in a very timely manner. Paper logs were manually entered by KD9MS, KC9EOQ, W9RE, WT9Q, K9QVB, KB9OWD, NJ9R, K9ZM, and N4TZ. K5ZD has again updated the outstanding CQ WPX website.

The 2018 CQ WPX SSB Contest will be held **March 24-25**. The log deadline is five days after the conclusion on the contest, **March 30** at **2359Z.** Updated rules will be published in the January issue of *CQ* and will be posted on the websites mentioned above.

(Scores on page 97)

Terry, N4TZ, used the KS9K callsign to become the U.S. low-power champ.

"You don't have to be crazy to run QRP in a SSB contest ... but it helps." Randy, NDØC, is the 2017 U.S. QRP champion.