

Results of the 2018 CQWW WPX SSB Contest

BY TERRY ZIVNEY*, N4TZ

Propagation is still in a slump, but participation and activity in the CQ World Wide WPX SSB contest are stable. The number of logs received, total number of QSOs made, and average scores were remarkably close to last year's statistics. Just under 5,400 logs were received this year, down about 1% from last year. Even though the number of logs received was down, the number of QSOs reported rose ever so slightly to 1,719,937 this year versus 1,716,668 last year. Last year, 400 stations had at least 1,000 QSOs after log checking; this year it was 387. The median number of QSOs per log last year was 120; this year, 125.

Of course, many of the factors entering into a station's final score are the result of choices made by the operator. Choices to be made (including which category to enter, how many hours to operate, and even the station location) can certainly vary from year to year ... sometimes with an eye towards propagation, sometimes, with an eye toward



Photo B. Low-power champion John, PJ4R, shows how relaxed you are supposed to look after logging 3,500 QSOs.

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Photo A. The two hilltop towers of the PJ4G contest station used by John, PJ4R, to post the highest world low power score.

2018 CQWW WPX SSB TOP SCORES

WORLD

Single Op All Band High Power	
8P5A (W2SC)	19,863,582
P33W (LZ2HM)	19,192,626
P49Y (AE6V)	17,560,124
KH7XS	16,784,760
TI7W (N3KS)	13,351,176
Single Op 28 MHz High Power	
YV1KK	925,840
4M6R	389,205
KZ5MM (W5PR)	138,646
Single Op 21 MHz High Power	
CX2DK	5,705,400
CE5JZO	1,442,785
HK3C	979,066
Single Op 14 MHz High Power	
CR5C (OK4PA)	5,173,472
EF2A (EA2OT)	4,759,842
4L2M	4,522,343
Single Op 7 MHz High Power	
SP3GEM	6,342,156
YT1AD (YU1AU)	4,807,940
SP7VC	4,320,675
Single Op 3.7 MHz High Power	
EM0X (UT2XQ)	1,862,286
CT9/CT1BWU	1,460,492
PA9M	1,435,830
Single Op 1.8 MHz High Power	
VY2ZM	654,524
S56P	617,186
S530	356,775
Single Op All Band Low Power	
PJ4R (KK9A)	9,407,216
HA3DX (HA4XH)	3,411,894
UZ3A (UX1AA)	3,232,394
3V8SS (KF5EYY)	2,920,050
HC2AO	2,654,873
Single Op 28 MHz Low Power	
CV7S (CK7SS)	617,381
CE7VPO	322,761
CA2CEV	319,532
Single Op 21 MHz Low Power	
ZV2C (PY2CX)	1,949,970
HK3TK	696,256
XE1CQ	624,358
Single Op 14 MHz Low Power	
EE8K (EA8AV)	2,499,770
EB7DX	2,342,444
CN4P (CN8NK)	2,098,565
Single Op 7 MHz Low Power	
IT9BDM	1,227,885
UR5WCO	878,688
S53Q (S50X)	862,200
Single Op 3.7 MHz Low Power	
PG90T (PA2TMS)	1,147,016
LY9A	662,285
9A1AR	604,800
Single Op 1.8 MHz Low Power	
SQ7CL	302,036
UT1AN	130,851
OK1JOK	75,060
Single Op All Band High Power Assisted	
CR3DX (OM3GI)	17,268,756
EF9R (EA9LZ)	13,885,430
ZX5J (PP5JR)	12,962,304
VC2A (VA2WA)	10,916,325
HA1AG	10,751,895
Single Op 28 MHz High Power Assisted	
LU1DX	178,200
ZY2G (PY2TMV)	130,788
CE6SAX	51,030
Single Op 21 MHz High Power Assisted	
9Y4D	3,560,250

PY2KJ	2,140,957
CQ3W	1,810,154
Single Op 14 MHz High Power Assisted	
DL2ARD	6,514,266
P40WL (DK5WL)	6,513,342
PJ5Z (SP9FIH)	5,444,230
Single Op 7 MHz High Power Assisted	
CT3DL	8,414,205
US1I (UX2IO)	4,506,228
IQ9UI (IV3YYK)	4,402,476
Single Op 3.7 MHz High Power Assisted	
HG8R (HA8JV)	3,035,875
9A8M (9A7DM)	2,512,074
Y02DFA	1,244,284
Single Op 1.8 MHz High Power Assisted	
SP8N	554,528
OH1Z (OH1LEG)	161,200
OE2VEL	38,442
Single Op All Band Low Power Assisted	
S52NR	3,092,800
TM3Z (F4DSK)	2,664,560
UX1UX	1,839,162
RZ3Z	1,792,815
PR1T (PY1ZV)	1,743,455
Single Op 28 MHz Low Power Assisted	
9Z4Y	129,600
PUSDUU	12,702
PU2UAF	12,136
Single Op 21 MHz Low Power Assisted	
PY2UD	1,869,560
PP5JN	797,008
H18JSJ	295,930
Single Op 14 MHz Low Power Assisted	
UR2Y (US0YW)	1,262,736
IF9A (IT9WDC)	1,176,714
RM3F (UA4LCQ)	1,025,136
Single Op 7 MHz Low Power Assisted	
4M8E (YV8ER)	1,379,040
OL9R (OK6RA)	1,296,092
OA4O (XQ3SA)	870,912
Single Op 3.7 MHz Low Power Assisted	
E74R	977,789
LY4ZZ (LY2BMX)	431,258
Y05PBF	424,080
Single Op 1.8 MHz Low Power Assisted	
S52OT	175,260
VE3MGY	131,918
OL7P	103,819
Single Op All Band QRP	
E74Y	493,074
ES6RW (ES5RW)	426,980
UR5FEO	298,200
9A4OP	235,352
DJ3HW	208,369
Single Op 28 MHz QRP	
LU4VZ	33,813
CE3OP	20,315
Single Op 21 MHz QRP	
TA2IB	30,144
DU4PMA	21,675
7N4WPY	16,786
Single Op 14 MHz QRP	
EM9Q (UR9QQ)	79,488
LZ7DX	77,608
SN5V (SQ5EBM)	52,930

Single Op 7 MHz QRP	
LZ1DM	228,420
LY2NK	139,764
E77Y	110,320
Single Op 3.7 MHz QRP	
SQ8MFB	53,100
PA0AWH	17,688
R2FI	17,444
Single Op 1.8 MHz QRP	
HA5NB	23,766
YT7AW	17,910
HA1TI	13,351
Single Op All Band QRP Assisted	
OK2FD	586,047
LZ25TRC (LZ1YE)	403,380
MM3AWD	392,368
I28JFL	315,202
YU1LM	142,728
Single Op 28 MHz QRP Assisted	
CB3LR (CE3GDR)	27,146
Single Op 21 MHz QRP Assisted	
PJ2/DK5ON	123,546
Single Op 14 MHz QRP Assisted	
LZ5Z (LZ3DX)	403,152
YP8W (Y08SEP)	187,800
UZ7M (UT9MZ)	137,984
Single Op 7 MHz QRP Assisted	
SQ6M	37,074
LZ2FV	23,142
Single Op 3.7 MHz QRP Assisted	
E72MD	29,718
IQ9BT (IT9GAK)	19,184
K3TW/4	14,016
Single Op 1.8 MHz QRP Assisted	
EU1AA	53,361
EE3X (EA3KX)	10,579
Multi-Single High Power	
CN2AA	46,987,776
EF8R	45,368,586
TM6M	20,186,640
IR4X	17,158,832
IR4M	16,233,532
Multi-Single Low Power	
FY5KE	9,996,480
H13K	5,812,992
ED9E	4,496,430
HZ1TL	3,249,328
I18T	3,238,785
Multi-Two	
CN3A	47,027,456
PJ4V	26,168,415
C4A	24,596,906
OM7M	23,519,650
IR6T	22,258,080
Multi-Multi	
9A1A	26,238,667
PJ2T	24,966,968
PX2A	22,456,992
LZ9W	22,414,600
OT5A	12,117,852
Rookie	
Single Op All Band High Power	
R9PA (RA9P)	1,565,556
TK4RB	596,994
VA3TTB	313,472
UW5EKD	226,248
W4AQL (W8YZH)	211,754
Single Op 21 MHz High Power	
EA8DGH	222,284
DUIY (DU1YBE)	59,000
OK1XC	34,561
Single Op 14 MHz High Power	
F8KLY (F4HWS)	475,434
IU4FIT	37,800
Single Op 3.7 MHz High Power	
DM7PQ	457,302
OK7PY	83,174

Single Op All Band Low Power	
KG5HVO/4	808,005
OM4IK	329,676
EW7BA	328,608
IU1FSL	255,944
PA9S	229,970
Single Op 28 MHz Low Power	
PU4ENY	8,901
PU2URP	4,150
PU4GOD	2,240
Single Op 21 MHz Low Power	
VU3WBB	38,976
JR1ZTT (JJ1GUJ)	16,796
YB9IAN	14,400
Single Op 14 MHz Low Power	
TA2NAS	1,019,495
UN0LM	43,440
E71CQ	36,015
Single Op 7 MHz Low Power	
9W2SAF	265,188
YG7SPN	183,288
R9FBT	73,548
Single Op 3.7 MHz QRP	
IQ9BT (IT9GAK)	19,184
Tribander/Single Element	
Single Op All Band High Power	
ZZ2T (PY2MNL)	7,588,321
V31VP	7,180,740
EW5Z (EU1A)	6,078,969
KP2XX	5,883,581
RJ4P	4,390,386
Single Op 28 MHz High Power	
NY1E/4	14,697
Single Op 21 MHz High Power	
CE5JZO	1,442,785
LU2DX	1,355,740
VK4NM	431,212
Single Op 14 MHz High Power	
EA5SR	2,748,375
IO9O (I28CCW)	2,719,808
WD5K	851,894
Single Op 7 MHz High Power	
S51CK	1,958,816
S58WW	1,807,092
KM5VI	950,075
Single Op 3.7 MHz High Power	
Y02DFA	1,244,284
9A60KDE (9A2VR)	1,106,145
LY2ZQ (LY3UT)	751,449
Single Op 1.8 MHz High Power	
LY4T	243,386
SQ10D	170,931
YP9J (Y09RIJ)	140,267
Single Op All Band Low Power	
3V8SS (KF5EYY)	2,920,050
RZ3Z	1,792,815
Y07SR	1,472,900
KH6CJJ	1,104,948
4E1A (4E1ADW)	1,020,082
Single Op 28 MHz Low Power	
CA2CEV	319,532
CE3OP	20,315
VY1SW	11,850
Single Op 21 MHz Low Power	
CE1UGE	417,950
CT3KN	208,488
PY2XC	117,810
Single Op 14 MHz Low Power	
EE8K (EA8AV)	2,499,770
UR2Y (US0YW)	1,262,736
VY7MAY	284,970
Single Op 7 MHz Low Power	
OL9R (OK6RA)	1,299,092
IW2BZY	524,761
IZAREF	496,908

Single Op 3.7 MHz Low Power	
9A1AR	604,800
LY5Q	370,986
EU3A	119,464
Single Op 1.8 MHz Low Power	
SQ7CL	302,036
VE3MGY	131,918
VA3XO	66,670
UNITED STATES	
Single Op All Band High Power	
AC1U (N1UR)	7,992,273
KQ2M/1	7,338,978
NR5M	6,837,765
KW7Y (K7RL)	5,150,394
KT5J (OL5Y)	4,169,208
Single Op 28 MHz High Power	
KZ5MM (W5PR)	138,646
NY1E/4	14,697
Single Op 21 MHz High Power	
N7RQ	348,400
KR4Z (N4OX)	254,024
WE6EZ/5	63,075
Single Op 14 MHz High Power	
N3AD/1	2,983,200
W0WA (W0EWD)	2,634,060
N2MM	1,894,732
Single Op 7 MHz High Power	
AG4W	1,181,154
WG4FA	1,084,941
KM5VI	950,075
Single Op 3.7 MHz High Power	
ND8DX	914,655
W3LL	812,210
W3BGN	695,800
Single Op All Band Low Power	
KS9K (N4TZ)	1,225,290
K16RRN	912,268
KG5HVO/4	808,005
N8II	797,424
AC0W	686,781
Single Op 21 MHz Low Power	
WZ7ZR (W7ZR)	55,056
AA4NP	16,985
K7XE/6	15,776
Single Op 14 MHz Low Power	
W2AW (N2GM)	390,572
N5JJ	260,832
NG6O (K6GHA)	121,524
Single Op 7 MHz Low Power	
WN4AFP	84,042
WA5LFD	48,060
W2AAB	32,130
Single Op 3.7 MHz Low Power	
AB4B	266,880
WV8SW	68,400
Single Op All Band High Power Assisted	
NN2DX/1 (W2RE)	10,021,095
N2RJ	5,014,016
W6YX (N7MH)	3,972,159
K1LZ (KC1CWF)	3,677,036
K3ZU	3,181,329
Single Op 28 MHz High Power Assisted	
NF2RS (WA2A0G)	40,810
NA4W (K4WI)	25,830
Single Op 21 MHz High Power Assisted	
KM4HI	75,936
Single Op 14 MHz High Power Assisted	
WJ2D/4	638,952
WR2G	526,728
K9OM/4	381,225

<p>Single Op 7 MHz High Power Assisted</p> <p>WQ500 (N800)4,191,331 WK9U563,230 KD4RH474,696</p> <p>Single Op 3.7 MHz High Power Assisted</p> <p>WT2P/933,516 N9LF18,792</p> <p>Single Op All Band Low Power Assisted</p> <p>NT5V1,485,510 K0UK1,207,213 WJ4X (N4XL)797,810 N2SQW669,630 N1DID554,400</p> <p>Single Op 21 MHz Low Power Assisted</p> <p>N3ZA14,697</p> <p>Single Op 14 MHz Low Power Assisted</p> <p>NM2O686,616 KE5FNB274,564 N7FLT96,425</p> <p>Single Op 7 MHz Low Power Assisted</p> <p>N2OHP/415,680</p> <p>Single Op 3.7 MHz Low Power Assisted</p> <p>AJ7G/4 (N2CEI)335,412 KC2GOW99,932 K2XR/374,240</p> <p>Single Op All Band QRP</p> <p>ND0C123,624 W6QU (W8QZA)92,568 K2YGM68,527 KE6K/746,556 WB6CZG31,719</p> <p>Single Op 14 MHz QRP</p> <p>AG7AA16,500 KZ3I10,854</p> <p>Single Op 7 MHz QRP</p> <p>WB0WVG23,871</p> <p>Single Op All Band QRP Assisted</p> <p>K2GMY/648,642 NA5NN (K2FF)11,210</p> <p>Single Op 3.7 MHz QRP Assisted</p> <p>K3TW/414,016</p>	<p>Single Op 14 MHz High Power</p> <p>KE0ITC22,896</p> <p>Single Op All Band Low Power</p> <p>KG5HVO/4808,005 W4BBT99,034 W5FI90,216 K5LGX88,389 W5MMW/473,650</p> <p>Single Op 7 MHz Low Power</p> <p>KE0FQM12,008</p> <p>Tribander/Single Element Single Op All Band High Power</p> <p>NW4DX (N4PN)2,895,910 AD5XD2,030,869 AG5Z1,321,443 K0WA1,035,251 KM8AM1,026,378</p> <p>Single Op 28 MHz High Power</p> <p>NY1E/414,697</p> <p>Single Op 21 MHz High Power</p> <p>KM4HI75,936 WE6EZ/563,075</p> <p>Single Op 14 MHz High Power</p> <p>WD5K851,894 K90M/4381,225 NV8N20,200</p> <p>Single Op 7 MHz High Power</p> <p>KM5VI950,075 WK9U563,230 K2KR/019,096</p> <p>Single Op 3.7 MHz High Power</p> <p>K9IDQ27,927</p> <p>Single Op All Band Low Power</p> <p>N2SQW669,630 KD9LA/4375,768 WZ8T/7309,540 NG0C304,042 WT9Q293,105</p> <p>Single Op 14 MHz Low Power</p> <p>KE5FNB274,564 NG6O (K6GHA)121,524</p> <p>Single Op 7 MHz Low Power</p> <p>WN4AFP84,042 WASLFD48,060 WZAAAB32,130</p> <p>Single Op 3.7 MHz Low Power</p> <p>WV8SW68,040</p>	<p>Single Op All Band Low Power</p> <p>HA3DX (HA4XH)3,411,894 UZ3A (UX1AA)3,232,394 LY4L2,193,075 EI7T (ON4EI)1,895,600 US0HZ1,581,050</p> <p>Single Op 21 MHz Low Power</p> <p>LZ9V73,584 RW2F (RA2FA)40,103 EA7IA30,135</p> <p>Single Op 14 MHz Low Power</p> <p>EB7DX2,342,444 IW1FRU735,165 EI6JK706,215</p> <p>Single Op 7 MHz Low Power</p> <p>IT9BDM1,227,885 UR5WCQ878,688 S53Q (S50X)862,200</p> <p>Single Op 3.7 MHz Low Power</p> <p>PG90T (PA2TMS)1,147,016 LY9A662,285 9A1AR604,800</p> <p>Single Op 1.8 MHz Low Power</p> <p>SQ7CL302,036 UT1A130,851 OK1JOK75,060</p> <p>Single Op All Band High Power Assisted</p> <p>HA1AG10,751,895 OK7K (OK1BN)10,061,926 S55T (S57AL)9,073,134 UW1M7,750,754 LY7Z7,002,718</p> <p>Single Op 21 MHz High Power Assisted</p> <p>IR9W (IW0BHY)668,052 IB9T (IT9BLB)496,516 I9L (IT9BUN)192,400</p> <p>Single Op 14 MHz High Power Assisted</p> <p>DL2ARD6,514,266 S50G (S58M)3,963,375 I1IA (IZ1LBG)3,580,515</p> <p>Single Op 7 MHz High Power Assisted</p> <p>US1I (UX2IO)4,506,228 IQ9UI (IV3YYK)4,402,476 OK4K (OK1BOA)3,308,792</p> <p>Single Op 3.7 MHz High Power Assisted</p> <p>HG8R (HA8JV)3,035,875 9A8M (9A7DM)2,512,074 YQ2DFA1,244,284</p> <p>Single Op 1.8 MHz High Power Assisted</p> <p>SP8N554,528 OH1Z (OH1LEG)161,200 OE2VEL38,442</p> <p>Single Op All Band Low Power Assisted</p> <p>S52NR3,092,800 TM3Z (F4DSK)2,664,560 UX1UX1,839,162 RZ3Z1,792,815 Y07SR1,472,900</p> <p>Single Op 21 MHz Low Power Assisted</p> <p>EA4EU46,417 YU7AOP (YU5BOX)22,968</p> <p>Single Op 14 MHz Low Power Assisted</p> <p>UR2Y (US0YW)1,262,736 IF9A (IT9WDC)1,176,714 RM3F (UA4LCQ)1,025,136</p> <p>Single Op 7 MHz Low Power Assisted</p> <p>OL9R (OK6RA)1,296,092 IZ4REF496,908 G8X (G4FJK)476,528</p>	<p>Single Op 3.7 MHz Low Power Assisted</p> <p>E74R977,789 LY4ZZ (LY2BMX)431,258 Y05PBF424,080</p> <p>Single Op 1.8 MHz Low Power Assisted</p> <p>S520T175,260 OL7P103,819 LY2OU91,584</p> <p>Single Op All Band QRP</p> <p>E74Y493,074 ES6RW (ES5RW)426,980 UR5FEO298,200 9A4OP235,352 DJ3HW208,369</p> <p>Single Op 14 MHz QRP</p> <p>EM9Q (UR9QQ)79,488 LZ7DX77,608 SN5V (SQ5EBM)52,930</p> <p>Single Op 7 MHz QRP</p> <p>LZ1DM228,420 LY2NK139,764 E77Y110,320</p> <p>Single Op 3.7 MHz QRP</p> <p>SQ8MFB53,100 PA0AWH17,688 R2FI17,444</p> <p>Single Op 1.8 MHz QRP</p> <p>HA5NB23,766 YT7AW17,910 HA1TI13,351</p> <p>Single Op All Band QRP Assisted</p> <p>OK2FD586,047 LZ25TRC (LZ1YE)403,380 MM3AWD392,368 IZ8JFL315,202 YU1LM142,728</p> <p>Single Op 14 MHz QRP Assisted</p> <p>LZ5Z (LZ3DX)403,152 YP8W (Y08SEP)187,800 UZ7M (UT9MZ)137,984</p> <p>Single Op 7 MHz QRP Assisted</p> <p>S06M37,074 LZ2FV23,142</p> <p>Single Op 3.7 MHz QRP Assisted</p> <p>E72MD29,718 IQ9BT (IT9GAK)19,184</p> <p>Single Op 1.8 MHz QRP Assisted</p> <p>EU1AA53,361</p> <p>Multi-Single High Power</p> <p>TM6M20,186,640 IR4X17,158,832 IR4M16,233,532 I0S014,904,050 9A70A13,381,810</p> <p>Multi-Single Low Power</p> <p>I18T3,238,785 OT6M2,183,760 UW7W1,528,254 OT5T1,262,800 S54I1,162,048</p> <p>Multi-Two</p> <p>OM7M23,519,650 IR6T22,258,080 LZ5R18,230,784 HG7T16,413,644 DP7D9,450,366</p> <p>Multi-Multi</p> <p>9A1A26,238,667 LZ9W22,414,600 OT5A12,117,852 I12S10,766,799 LN8W7,605,840</p>	<p>DK5KK157,784 OE6HWF70,056</p> <p>Single Op 21-MHz High Power</p> <p>OK1XC34,561</p> <p>Single Op 14-MHz High Power</p> <p>F8KLY (F4HWS)475,434 IU4FIT37,800</p> <p>Single Op 3.7-MHz High Power</p> <p>DM7PQ457,302 OK7PY83,174</p> <p>Single Op All Band Low Power</p> <p>OM4IK329,676 EW7BA328,608 IU1FSL255,944 PA9S229,970 OZ4MU192,192</p> <p>Single Op 14 MHz Low Power</p> <p>E71CQ36,015</p> <p>Single Op 7 MHz Low Power</p> <p>R9FBT73,548 SQ9GOL42,036</p> <p>Single Op 3.7 MHz QRP</p> <p>IQ9BT (IT9GAK)19,184</p> <p>Tribander/Single Element Single Op All Band High Power</p> <p>EW5Z (EU1A)6,078,969 RJ4P4,390,386 EV1R2,960,058 EE2W (EB2AM)2,863,146 TM5T (F5VKT)2,843,264</p> <p>Single Op 21 MHz High Power</p> <p>IT9IQ164,574 YT7R (YU7BW)24,479</p> <p>Single Op 14 MHz High Power</p> <p>EA5SR2,748,375 I090 (IZ8CCW)2,719,808 OQ5M (ON5Z0)2,674,075</p> <p>Single Op 7 MHz High Power</p> <p>S51CK1,958,816 S58WW1,807,092 IR9Z (IT9VCE)908,160</p> <p>Single Op 3.7 MHz High Power</p> <p>Y02DFA1,244,284 9A60KDE (9A2VR)1,106,145 LY2ZO (LY3UT)751,449</p> <p>Single Op 1.8 MHz High Power</p> <p>LY4T243,386 SQ10D170,931 YP9J (Y09RIJ)140,267</p> <p>Single Op All Band Low Power</p> <p>RZ3Z1,792,815 Y07SR1,472,900 CT1BXT901,186 YU2A867,996 DL1MHJ785,400</p> <p>Single Op 14 MHz Low Power</p> <p>UR2Y (US0YW)1,262,736 GW5D (GW4ZAR)197,415 R4FA161,120</p> <p>Single Op 7 MHz Low Power</p> <p>OL9R (OK6RA)1,296,092 IW2BZY524,761 IZ4REF496,908</p> <p>Single Op 3.7 MHz Low Power</p> <p>9A1AR604,800 LY5Q370,986 EU3A119,464</p> <p>Single Op 1.8 MHz Low Power</p> <p>SQ7CL302,036 E77E33,033 HA5NB23,766</p>	
EUROPE					
<p>Multi-Single High Power</p> <p>NV9L5,593,068 W5MX/43,989,440 KZ1W/72,699,349 WR5J/72,278,071 KJ5Y2,205,490</p> <p>Multi-Single Low Power</p> <p>WK1DS/4619,344 KK7PW410,146 N8YXR373,440 W8AJT142,396 WR6E92,130</p> <p>Multi-Two</p> <p>KD4D/311,797,762 WW4LL7,682,912 KU1CW/76,857,340 KG4USN/33,189,984 KK7PR3,075,820</p> <p>Multi-Multi</p> <p>WX3B9,258,803 NE1C8,265,468 NR607,273,773 W5CT6,584,760 W5RTA60,075</p> <p>Rookie</p> <p>Single Op All Band High Power</p> <p>W4AQL (W8YZH)211,754 W7WDX85,560 K2RYD72,051 K8PJK51,943 K3RRP35,343</p>	<p>Single Op All Band High Power</p> <p>TM0T (F4HQZ)11,607,955 I02X (IK2NCJ)8,571,672 RT5K8,098,192 YP0C (Y03CZW)4,027,635 YL6W (YL2GD)3,902,850</p> <p>Single Op 21 MHz High Power</p> <p>CR6T510,510 S50A294,921 EA5DFV108,570</p> <p>Single Op 14 MHz High Power</p> <p>CR5C (OK4PA)5,173,472 EF2A (EA20T)4,759,842 YT1A3,458,565</p> <p>Single Op 7 MHz High Power</p> <p>SP3GEM6,342,156 YT1AD (YU1AU)4,807,940 SP7VC4,320,675</p> <p>Single Op 3.7 MHz High Power</p> <p>EM0X (UT2XQ)1,862,286 PA9M1,435,830 YL3FT1,134,870</p> <p>Single Op 1.8 MHz High Power</p> <p>S56P617,186 S530356,775 LY4T243,386</p>	<p>Single Op All Band Low Power</p> <p>TM0T (F4HQZ)11,607,955 I02X (IK2NCJ)8,571,672 RT5K8,098,192 YP0C (Y03CZW)4,027,635 YL6W (YL2GD)3,902,850</p> <p>Single Op 21 MHz Low Power</p> <p>EA4EU46,417 YU7AOP (YU5BOX)22,968</p> <p>Single Op 14 MHz Low Power</p> <p>UR2Y (US0YW)1,262,736 IF9A (IT9WDC)1,176,714 RM3F (UA4LCQ)1,025,136</p> <p>Single Op 7 MHz Low Power</p> <p>OL9R (OK6RA)1,296,092 IZ4REF496,908 G8X (G4FJK)476,528</p>	<p>Single Op All Band Low Power</p> <p>HA3DX (HA4XH)3,411,894 UZ3A (UX1AA)3,232,394 LY4L2,193,075 EI7T (ON4EI)1,895,600 US0HZ1,581,050</p> <p>Single Op 21 MHz Low Power</p> <p>LZ9V73,584 RW2F (RA2FA)40,103 EA7IA30,135</p> <p>Single Op 14 MHz Low Power</p> <p>EB7DX2,342,444 IW1FRU735,165 EI6JK706,215</p> <p>Single Op 7 MHz Low Power</p> <p>IT9BDM1,227,885 UR5WCQ878,688 S53Q (S50X)862,200</p> <p>Single Op 3.7 MHz Low Power</p> <p>PG90T (PA2TMS)1,147,016 LY9A662,285 9A1AR604,800</p> <p>Single Op 1.8 MHz Low Power</p> <p>SQ7CL302,036 UT1A130,851 OK1JOK75,060</p> <p>Single Op All Band High Power Assisted</p> <p>HA1AG10,751,895 OK7K (OK1BN)10,061,926 S55T (S57AL)9,073,134 UW1M7,750,754 LY7Z7,002,718</p> <p>Single Op 21 MHz High Power Assisted</p> <p>IR9W (IW0BHY)668,052 IB9T (IT9BLB)496,516 I9L (IT9BUN)192,400</p> <p>Single Op 14 MHz High Power Assisted</p> <p>DL2ARD6,514,266 S50G (S58M)3,963,375 I1IA (IZ1LBG)3,580,515</p> <p>Single Op 7 MHz High Power Assisted</p> <p>US1I (UX2IO)4,506,228 IQ9UI (IV3YYK)4,402,476 OK4K (OK1BOA)3,308,792</p> <p>Single Op 3.7 MHz High Power Assisted</p> <p>HG8R (HA8JV)3,035,875 9A8M (9A7DM)2,512,074 YQ2DFA1,244,284</p> <p>Single Op 1.8 MHz High Power Assisted</p> <p>SP8N554,528 OH1Z (OH1LEG)161,200 OE2VEL38,442</p> <p>Single Op All Band Low Power Assisted</p> <p>S52NR3,092,800 TM3Z (F4DSK)2,664,560 UX1UX1,839,162 RZ3Z1,792,815 Y07SR1,472,900</p> <p>Single Op 21 MHz Low Power Assisted</p> <p>EA4EU46,417 YU7AOP (YU5BOX)22,968</p> <p>Single Op 14 MHz Low Power Assisted</p> <p>UR2Y (US0YW)1,262,736 IF9A (IT9WDC)1,176,714 RM3F (UA4LCQ)1,025,136</p> <p>Single Op 7 MHz Low Power Assisted</p> <p>OL9R (OK6RA)1,296,092 IZ4REF496,908 G8X (G4FJK)476,528</p>	<p>Single Op 3.7 MHz Low Power Assisted</p> <p>E74R977,789 LY4ZZ (LY2BMX)431,258 Y05PBF424,080</p> <p>Single Op 1.8 MHz Low Power Assisted</p> <p>S520T175,260 OL7P103,819 LY2OU91,584</p> <p>Single Op All Band QRP</p> <p>E74Y493,074 ES6RW (ES5RW)426,980 UR5FEO298,200 9A4OP235,352 DJ3HW208,369</p> <p>Single Op 14 MHz QRP</p> <p>EM9Q (UR9QQ)79,488 LZ7DX77,608 SN5V (SQ5EBM)52,930</p> <p>Single Op 7 MHz QRP</p> <p>LZ1DM228,420 LY2NK139,764 E77Y110,320</p> <p>Single Op 3.7 MHz QRP</p> <p>SQ8MFB53,100 PA0AWH17,688 R2FI17,444</p> <p>Single Op 1.8 MHz QRP</p> <p>HA5NB23,766 YT7AW17,910 HA1TI13,351</p> <p>Single Op All Band QRP Assisted</p> <p>OK2FD586,047 LZ25TRC (LZ1YE)403,380 MM3AWD392,368 IZ8JFL315,202 YU1LM142,728</p> <p>Single Op 14 MHz QRP Assisted</p> <p>LZ5Z (LZ3DX)403,152 YP8W (Y08SEP)187,800 UZ7M (UT9MZ)137,984</p> <p>Single Op 7 MHz QRP Assisted</p> <p>S06M37,074 LZ2FV23,142</p> <p>Single Op 3.7 MHz QRP Assisted</p> <p>E72MD29,718 IQ9BT (IT9GAK)19,184</p> <p>Single Op 1.8 MHz QRP Assisted</p> <p>EU1AA53,361</p> <p>Multi-Single High Power</p> <p>TM6M20,186,640 IR4X17,158,832 IR4M16,233,532 I0S014,904,050 9A70A13,381,810</p> <p>Multi-Single Low Power</p> <p>I18T3,238,785 OT6M2,183,760 UW7W1,528,254 OT5T1,262,800 S54I1,162,048</p> <p>Multi-Two</p> <p>OM7M23,519,650 IR6T22,258,080 LZ5R18,230,784 HG7T16,413,644 DP7D9,450,366</p> <p>Multi-Multi</p> <p>9A1A26,238,667 LZ9W22,414,600 OT5A12,117,852 I12S10,766,799 LN8W7,605,840</p>	<p>DK5KK157,784 OE6HWF70,056</p> <p>Single Op 21-MHz High Power</p> <p>OK1XC34,561</p> <p>Single Op 14-MHz High Power</p> <p>F8KLY (F4HWS)475,434 IU4FIT37,800</p> <p>Single Op 3.7-MHz High Power</p> <p>DM7PQ457,302 OK7PY83,174</p> <p>Single Op All Band Low Power</p> <p>OM4IK329,676 EW7BA328,608 IU1FSL255,944 PA9S229,970 OZ4MU192,192</p> <p>Single Op 14 MHz Low Power</p> <p>E71CQ36,015</p> <p>Single Op 7 MHz Low Power</p> <p>R9FBT73,548 SQ9GOL42,036</p> <p>Single Op 3.7 MHz QRP</p> <p>IQ9BT (IT9GAK)19,184</p> <p>Tribander/Single Element Single Op All Band High Power</p> <p>EW5Z (EU1A)6,078,969 RJ4P4,390,386 EV1R2,960,058 EE2W (EB2AM)2,863,146 TM5T (F5VKT)2,843,264</p> <p>Single Op 21 MHz High Power</p> <p>IT9IQ164,574 YT7R (YU7BW)24,479</p> <p>Single Op 14 MHz High Power</p> <p>EA5SR2,748,375 I090 (IZ8CCW)2,719,808 OQ5M (ON5Z0)2,674,075</p> <p>Single Op 7 MHz High Power</p> <p>S51CK1,958,816 S58WW1,807,092 IR9Z (IT9VCE)908,160</p> <p>Single Op 3.7 MHz High Power</p> <p>Y02DFA1,244,284 9A60KDE (9A2VR)1,106,145 LY2ZO (LY3UT)751,449</p> <p>Single Op 1.8 MHz High Power</p> <p>LY4T243,386 SQ10D170,931 YP9J (Y09RIJ)140,267</p> <p>Single Op All Band Low Power</p> <p>RZ3Z1,792,815 Y07SR1,472,900 CT1BXT901,186 YU2A867,996 DL1MHJ785,400</p> <p>Single Op 14 MHz Low Power</p> <p>UR2Y (US0YW)1,262,736 GW5D (GW4ZAR)197,415 R4FA161,120</p> <p>Single Op 7 MHz Low Power</p> <p>OL9R (OK6RA)1,296,092 IW2BZY524,761 IZ4REF496,908</p> <p>Single Op 3.7 MHz Low Power</p> <p>9A1AR604,800 LY5Q370,986 EU3A119,464</p> <p>Single Op 1.8 MHz Low Power</p> <p>SQ7CL302,036 E77E33,033 HA5NB23,766</p>

the weather, and sometimes with a nod to family obligations. But, the primary decision made by the thousands of entrants in the CQ WPX SSB contest was to have fun.

So, no matter how bad the conditions, there is always a winner. And, there were as many winners this year as last.

You can find out how you, and your competitors, did at <www.cqwpw.com>, where the full line scores of all the categories will be posted, along with a searchable database of scores for all past CQ WPX contests. (Or you can look on p. 99 of this issue for the full scores. —ed.). You will also find public logs from all the competitors to help you identify missed opportunities. Here's a rundown of who finished on top in each category.

Single Operator

Single-Operator All Band

8P5A, operated by Tom, W2SC, won the headline category for his fifth consecutive worldwide victory. Tom needed an extra thousand contacts from his 2-point location to hold off P33W (LZ2HM, op). P33W set a new Asian record in the category, but it wasn't quite enough. This year, Ed, N1UR, operating AC1U, overtook last year's winner, Bob, KQ2M, for the U.S. plaque. Gildas, F4HQZ, used the TMØT contest station to repeat his win in Europe.

Single-Operator Single Band

SP3GEM had the highest single-band score this year, taking advantage of the double QSO points on 40 meters. CR5C (OK4PA, op) won the 20-meter plaque, while CX2DK ran away from the crowd on 15 meters. EMØX (UT2XQ, op) was top gun on 80 meters. VY2ZM bested all of the European operators on the top band from his location in Prince Edward Island, Canada.

Single-Operator Low Power

Single-operator unassisted low power all band remains the most popular category by a huge margin. John, KK9A, who was previously active as P4ØA, traveled to PJ4R to win by a landslide (Photos A and B). Terry, N4TZ (Photo C), repeated as U.S. champion while signing KS9K, with KI6RRN placing second. If you ran low power, then 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

There were 1,778 single operators reporting the use of assistance during the contest. CR3DX (OM3GI, op) was



Photo C. WRTC 2018 teammates Ed, N1UR, and Terry, N4TZ, won the U.S. high power and low power single operator all band plaques as AC1U and KS9K, respectively.

2018 CQWW WPX SSB PLAQUE WINNERS AND DONORS

SINGLE OPERATOR ALL BAND

WORLD: Tom Georgens, W2SC Plaque. Won by: **8P5A operated by Tom Georgens, W2SC**
WORLD Low Power: Caribbean Contesting Consortium Plaque. Won by: **PJ4R operated by John Bayne, KK9A**
WORLD QRP: Phil Krichbaum, NØKE Plaque. Won by: **M. Dzuzdanovic, E74Y**

USA: Atilano de Oms, PY5EG Plaque. Won by: **AC1U operated by Ed Sawyer, N1UR**
USA Low Power: Terry Zivney, N4TZ Plaque. Won by: **KS9K operated by Terry Zivney, N4TZ**
USA QRP: Doug Zwiebel, KR2Q Plaque. Won by: **Randy Shirbroun, NDØC**
USA Zone 3 Low Power: Buz Reeves, K2GL Memorial Plaque. Won by: **Axel Bruderer KI6RRN**
USA Zone 4 High Power: Society of Midwest Contesters Plaque. Won by: **George A. DeMontrond III, NR5M**
USA Zone 4 Low Power: Society of Midwest Contesters Plaque. Awarded to: **Bryant Rascoll, KG5HVO/4***
USA Zone 5 High Power: Charles Wooten, NF4A Plaque. Awarded to: **Bob Shohet, KQ2M/1***

EUROPE High Power: Dave Siddall, K3ZJ Plaque. Won by: **TMØT, operated by Gildas Balanec, F4HQZ**
EUROPE Low Power: Ed Sawyer, N1UR Plaque. Won by: **HA3DX, operated by Karoly Nyemcsek, HA4XH**
EUROPE QRP: Walter Skudlarek, DJ6QT Memorial by Rhein-Rhur DX Association. Awarded to: **ES6RW, operated by Rein Kolk, ES5RW***

AFRICA: Peter Sprengel, PY5CC Plaque. Won by: **Mario Xavier Laporte, FR4QT**
ASIA: Chris Terkla, N1XS Plaque. Won by: **UP2L, operated by George Smirnov, UN9LG**
NORTH AMERICA: Albert Crespo, F5VHJ Plaque. Awarded to: **T17W operated by Kam Sirageldin, N3KS***
NORTH AMERICA Low Power: Ed Sawyer, N1UR Plaque. Won by: **Francisco Vassaux, TG9ANF**
OCEANIA High Power: Phillip Frazier, K6ZM Memorial Plaque. Won by: **Bill Kollenbaum, KH7XS**
SOUTH AMERICA: Andrew Faber, AE6Y Plaque. Won by: **P49Y, operated by Andrew Faber, AE6Y**
SOUTHERN CONE (CE, CX, LU) Low Power: LU Contest Group Plaque. Won by: **Pablo Moretti, LU7MT**
CANADA High Power: Saskatchewan Contest Club Plaque. Won by: **VC3J, operated by John Sluymer, VE3EJ**
CANADA Low Power: Paul Cassel, VE3SY Memorial Plaque by Contest Club Ontario. Won by: **Ron Schwartz, VE3VN**
JAPAN: Hamad Alnusif, 9K2HN Plaque. Won by: **Masaki Okano, JH4UYB**
ASEAN (3W, 9M, 9V, DU, HS, V85, XU, XW, XZ, YB) High Power: Agus Wibisono, YB2TX Plaque. Won by: **E2A, operated by Champ C. Muangamphun, E21EIC**
ASEAN (3W, 9M, 9V, DU, HS, V85, XU, XW, XZ, YB) Low Power: YB Land DX Club Plaque. Won by: **Panya Yingpa, HS3XVP**

SINGLE OPERATOR, SINGLE BAND

WORLD 28 MHz: Mamuka Kordzakhia, 4L2M Plaque. Won by: **Julio Rivero, YV1KK**
WORLD 28 MHz Low Power: Six Stars Contest Station LS1D Plaque. Won by: **CV7S, operated by Eugenio de Marino, CX7SS**
WORLD 21 MHz: Stuart Santelmann KC1F Memorial (Gene Shablygin, W3UA/RA3AA sponsor) Plaque. Won by: **Marcelo Egues, CX2DK**
WORLD 14 MHz: Lynn Schriener, W5FO Memorial by N5RZ Plaque. Won by: **CR5C operated by Pavel Prihoda, OK4PA**
WORLD 7 MHz: Karsono Suyanto, YBØNDT Plaque. Won by: **Jerzy Smoczyk, SP3GEM**
WORLD 1.8 MHz: UA02 Contest Club Plaque. Won by: **Jeffrey Briggs, VY2ZM**

USA 28 MHz: Maurice Schietecatte, N4LZ Plaque. Won by: **KZ5MM, operated by Chuck Dietz, W5PR**
USA 21 MHz: Maurice Schietecatte, N4LZ Plaque. Won by: **Sandy Farley, N7RQ**
USA 14 MHz: Charles Wooten, NF4A Plaque. Won by: **Mark Filipkowski, NA3D/1**
USA 7 MHz: Yankee Clipper Contest Club Plaque. Won by: **Stephen Werner, AG4W**
USA 3.7 MHz: Bernie Welch, W8IMZ Memorial Plaque. Won by: **Karl Brandt, ND8DX**

EUROPE: 28 MHz: Chuck Dietz, W5PR Plaque. Won by: **George Charokopakis, SV9GPV**
EUROPE 14 MHz: SJ2W Contest Team Plaque. Awarded to: **EF2A operated by Jon Zumalabe, EA2OT***



Photo D. Aleksey Polevik, RA9P, 13 years young, won the World Rookie plaque operating from his family's club station, R9PA.

EUROPE 3.7 MHz: Ranko Boca, 4O3A Plaque. Won by: **EMØX** operated by Toly Melnik, UT2XQ
EUROPE 1.8 MHz: Bostjan Sever, S56P Plaque. Won by: **Bostjan Sever, S56P**

SINGLE OPERATOR ASSISTED

WORLD: D4C Monteverde Contest Team Plaque. Won by: **CR3DX** operated by Jozef Lang, OM3GI
USA: Alabama Contest Group Plaque. Won by: **NN2DX/1** operated by Ray Higgins, W2RE
EUROPE: Martin Huml, OL5Y Plaque. Awarded to: **Zoli Pitman, HA1AG***
OCEANIA: Sid Caesar, NH7C Plaque. Won by: **ZM4T**, operated by Holger Hannemann, ZL3IO

OVERLAY CATEGORIES

WORLD Tribander/Single-Element: Nate Moreschi, N4YDU Plaque. Won by: **ZZ2T** operated by Wanderley Ferreira Gomes, PY2MNL
USA Tribander/Single-Element: Joe Miller, KJ8O Plaque. Won by: **NW4DX** operated by Paul H. Newberry, Jr., N4PN
USA Tribander/Single-Element Low Power: Alex M. Josza, KG1E Plaque. Won by: **Ken Goetz, N2SQW**
EUROPE Tribander/Single-Element: Roger Miner, K1DQV Plaque. Won by: **EW5Z** operated by Sergey Babakhin, EU1A
WORLD Rookie: Val Edwards W8KIC Memorial (K3LR sponsor) Plaque. Won by: **R9PA** operated by Aleksey Polevik, RA9P

MULTI-OPERATOR, SINGLE-TRANSMITTER

WORLD: Latvian Contest Club Plaque. Won by: **EF8R** operated by EA8RM, YO3JR, R3DCX, R4FO, UA4FER, RW4WR, and RA3AUU
WORLD Low Power: Mike Goode, N9NS Memorial (Hoosier DX and Contest Club sponsor) Plaque. Won by: **FY5KE** operated by F1HAR, F5HRY, and F6FVY
USA: Steve Bolia, N8BJQ Plaque. Won by: **NV9L** operated by NV9L, WB9Z, K9TK, and K2DRH
USA Low Power: Matt Tatro, NM1C Plaque. Won by: **WK1DS** operated by WX4TV, N8ZQZ, WX4TVJ, AE4FH, KM4IPF, and KM4TXT
ASIA: W2MIG Memorial (NW4DX Sponsor) Plaque. Won by: **9K2HN** operated by 9K2HN, 9K2OD, 9K2NO, 9K2HQ, 9K2HK, A61ZA, and HB9EFK
EUROPE: Tonno Vahk, ES5TV Plaque. Won by: **TM6M** operated by F1AKK, F4DXW, and F8DBF
NORTH AMERICA*: WB9Z and NV9L Plaque. Won by: **VP5P** operated by AF3K and W2TT
INDONESIA SINGLE OPERATOR (Any Category): Anda Yudas, YB6HAI Plaque. Won by: Yana Koryana, YB1AR

MULTI-OPERATOR, TWO-TRANSMITTER

WORLD: Ken Adams, K5KA Memorial Plaque. Won by: **CN3A** operated by IK2QEI, IK2SGC, OK1RU, OK1FFU, and OM6NM
USA: Florida Contest Group Plaque. Won by: **KD4D/3** operated by KD4D, N3QE, AJ3M, K3RA, and KE3X
EUROPE: Rich Strand, KL7RA Memorial Plaque. Won by: **OM7M** operated by OK2BFN, OM2IB, OM3PA, OM4MM, OM5RM, OM5RW, OM5ZW, and OM7KW

MULTI-OPERATOR, MULTI-TRANSMITTER

WORLD: Gail M. Sheehan, K2RED Plaque. Won by: **9A1A** operated by 9A5W, 9A9A, 9A6A, 9A7R, 9A7C, 9A7RA, 9A5E, 9A8A, 9A2EU, 9A7DR, 9A6XX, 9A1UN, 9A5CW, and 9A6KX
USA: Dale Hoppe, K6UA Memorial Plaque. Won by: **WX3B** operated by WX3B, NE3K, W3MMM, NH7C, WA3AER, N8IVN, K3DNE, W3GVX, W3GXP, K1RH, ND3D, and Elizabeth
EUROPE: Rick Dougherty, NQ4I Plaque. Awarded to: **LZ9W** operated by LZ1ZD, LZ2HQ, LZ3FM, LZ1ZX, LZ1WDX, LZ1UQ, LZ3XX, LZ1AA, LZ2YO, LZ2CJ, LZ2UU, LZ1BMV, LZ1PM, LZ1FG, LZ3RR, LZ1PJ, LZ1VS, LZ1MUK, SV7LNX, and Vasya

CONTEST EXPEDITION

WORLD: Gail M. Sheehan, K2RED Plaque. Won by: **PJ5Z** operated by Janusz Wegrzyn, SP9FIH

**Denotes awarded to runner-up in category*

world high-power assisted champ while W2RE remotely operated his Eastport, Maine station as NN2DX/1 to generate the top score 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. CT3DL posted the largest assisted single band score using 40 meters. Less than 1,000 points (either one QSO or one prefix) was the difference between DL2ARD and P4ØWL (DK5WL, op) on

CQWW WPX SSB CONTEST ALL-TIME RECORDS

The contest is held each year on the last full weekend of March. The All-Time Records are 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

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	K11G ('11)	13,075,616 1268

Multi-Operator Single Transmitter

CN2AA ('14)	52,766,482 1759
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Multi-Operator Single Transmitter

WW2DX ('12)	19,167,080 1373
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Multi-Operator Two Transmitter

D4C ('15)	86,622,448 1936
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Multi-Operator Two Transmitter

K1LZ ('10)	30,393,480 1560
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Multi-Operator Multi-Transmitter

CN2AA ('15)	121,620,720 2040
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Multi-Operator Multi-Transmitter

NQ4I ('14)	31,335,980 1690
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CLUB RECORD

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

HC8A ('94)	7,520,562
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WPX (Prefix) RECORD

ES9C ('14)	2057
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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

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	*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	P33W ('18)	19,192,626 1173

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

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 TWO TRANSMITTER

NORTH AMERICA

1.8	VY2ZM ('18)	654,524 307
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

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

MULTI-OPERATOR MULTI-TRANSMITTER

OCEANIA

1.8	KH6ND ('07)	26,432 59
3.5	WH7Z ('03)	1,208,900 308
7.0	ZL3A ('08)	8,200,800 816

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



Photo E. Bryant, KG5HVO/4, was the top-scoring rookie in the U.S.



Photo F. The first post-hurricane operation from KP2M used a single 38-foot crankup tower to support an XM240, Skyhawk, and 80-meter inverted vee to make over 3,700 QSOs in single operator high power.

20 meters, assisted. SP8N had the top low power assisted score in the world, while NT5V topped those in the USA.

Single-Operator QRP

QRP entries increased this year, with 232 very low power logs received. E74Y was the winner on world QRP all bands. ND0C was again the top U.S. finisher. OK2FD 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

CQ Contest DE WK1DS

BY JAMES LEA, WX4TV

Our first family effort in a major contest was the 2017 running of the CQWW WPX SSB contest and we all had a great time. Since then, Julio, AD4Z, has been giving the kids some pointers on improving their contesting performance and the lessons have helped, immensely. Everyone in the family is licensed and contributed to the effort.

The kids built the Shack-in-a-Box station that includes an Yaesu FT-991 and FT-8800, and the antenna farm includ-

ed a RadioWavz hex beam, multi-band dipole, and Hustler 5BTV vertical.

This year, the two youngest girls wanted to stay up for the overnight shifts. Mom stayed up with the youngest, Grace, KM4TXT, one of the nights and when Grace ran out of gas, Mom, N8ZQZ, picked up the baton and kept the effort going.

Contesting is a great way for our family to spend time together and to bond.



Photo G. Hope, KM4IPF, works the night shift during the 2018 CQWW WPX SSB Contest. Pig, KPØRK, monitors the situation.



Photo I. Hope, KM4IPF, at the helm of the WK1DS contest station.



Photo H. Grace, KM4TXT, turns the RadioWavz Hexbeam towards the next contact.



Photo J. Grace, KM4TXT, (left) and Michelle, N8ZQZ, (right) putting in a team effort at the WK1DS contest station.

year, 262 entries checked this overlay category, down 20 from last year. Aleksey, RA9P (*Photo D*), operated R9PA all-band high power to win the World Rookie plaque. Aleksey was the only Rookie to top 1 million points this year. Bryant, KG5HVO/4, led the U.S. Rookies (*Photo E*).

The Tribander/Single-Element overlay category was intended to provide a

measuring tool for average stations. Still, outstanding operators with good locations for their tribanders can achieve huge scores. There were 752 entrants who selected this overlay. ZZ2T (PY2MNL) beat out V31VP in this category while 3V8SS dominated the low-power crowd. In the U.S. TB-Wires race, the only thing that seems to change is N4PN's callsign. This year,

Paul used NW4DX to win the U.S. plaque yet again.

Multi-Operator

CN2AA, last year's Multi-Operator Single-Transmitter champs, repeated but received some spirited competition from EF8R. CN3A, last year's multi-multi winners topped the multi-two category this year. 9A1A won this year's Multi-Multi category, besting PJ2T. There were 112 entries in the multi-single low power category, with the team at FY5KE beating last year's champs, HI3K.

NV9L moved up one notch from last year to win the stateside multi-single high-power plaque. The family club station WK1DS/4 was the U.S. low power multi-single winner (see sidebar for their story).

Friendly Competition:

Marty, KC1CWF, wanted to go head-to-head against me in the SO(A) category and we had discussed it a few days before the contest. I was reluctant since I knew he would be at superstation K1LZ so I probably stood no chance. I still went for the category anyway. I did beat him but he also finished early, and didn't use all of the time allowed. Sometimes, contests are about friendly competition among friends. Maybe we'll have a rematch some day.

– 73, Ria, N2RJ



Photo K. The antenna and tower at N2RJ's Sussex, New Jersey station stands tall against the cold and snow during the 2018 CQWW WPX SSB Contest.

Records

There were no new world records this year in the major categories. P33W set a new Asian all-band record and VY2ZM set a new North American 160-meter mark.

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

Final Observations

We are glad to again include the complete listing of stations submitting their logs 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.cqwp.com>.

There are a number of volunteers making this contest possible. K5ZD and N4TZ provided the skilled personal analysis of the logs that computers alone cannot provide. 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, WT9Q, NØSSC, KB9OWD, and N4TZ. K5ZD has again updated the outstanding CQ WPX website.

The 2019 CQ WPX SSB Contest will be held **March 30-31**. The log deadline is five days after the conclusion on the contest, **April 5 at 2359Z**. Updated rules will be published in the January issue of CQ and then posted on the websites mentioned above.

(Scores on page 99)