

The 2019 IARU HF World Championship Results

Over 4,500 stations from all over the world participated in this popular contest, held July 13 – 14, 2019.



Marcin, HB9EGA, set up his portable station at a farm near his home in Switzerland. He finished first place in the Phone Only, QRP, World category. [Marcin Korona, HB9EGA, photo]

Full Results Online

You can read the full results of the contest online at contests.arrl.org or www.arrl.org/contest-results-articles. You'll find detailed analysis and more play-by-play, along with the full line scores. Improve your results by studying your log-checking report, too.

The next IARU HF World Championship will be held the second full weekend of July (July 11 – 12, 2020).

2019 IARU Special Station Scores

Scoring of IARU station logs provided by World Wide Radio Operators Foundation (WWROF).

IARU Headquarters Stations

Call	Score
TM0HQ	23,129,114
DA0HQ	18,751,986
OL9HQ	17,230,271
IO0HQ	17,195,076
EF4HQ	16,753,338
GR2HQ	16,658,376
SS0HQ	16,025,672
SN0HQ	15,984,168
9A0HQ	14,913,108
LY0HQ	13,306,860
YT0HQ	11,799,399
YR0HQ	11,413,800
SE9HQ	11,269,009
LZ0HQ	10,040,744
OE0HQ	9,563,624
OP0HQ	9,530,523
NU1AW	8,674,050
HB9HQ	7,729,605
R9HQ	7,647,178
OZ1HQ	7,249,871
YL4HQ	6,597,450
PA6HQ	3,863,808
Z30HQ	3,658,341
8N0HQ	3,455,650
OH2HQ	3,385,440
LU0HQ	2,534,035
B0HQ	2,037,328
LN2HQ	1,958,094
CR5HQ	1,743,248
ER7HQ	1,376,090
W1AW	1,370,565
E2HQ	1,213,900
PJ2HQ	1,163,700
VP9HQ	1,128,420
CB1HQ	1,114,800
EI0HQ	1,068,480
CX1AA	782,132
A47HQ	777,650
T40HQ	699,985
TC3HQ	611,160
LX8HQ	608,420
UN1HQ	450,260
VR2HK	277,514
Z60A	253,616
DX0HQ	199,422
OA4O	141,000
HL0HQ	140,022
V31HQ	124,320
ZL6HQ	122,786
AT1HQ	116,730
EM5HQ	95,787
BV0HQ	95,404
YM1KM	150

IARU Administrative Council Stations

K1ZZ	2,403,393
G5W	2,298,785
LA2RR	1,612,416
VE6SH	86,152

IARU R1

F4GKR/P	761,971
DJ3HW	486,096
IV3KKW	109,710

IARU R2

YV5AM	1,415,458
KK1Z	1,170,606
VE3YV	25,428

IARU R3

JA1CJP	129,846
YB0AZ	80,104
9M4CMA	168

Top Ten — US and Canada

Single Operator, Mixed Mode, High Power

VE3EJ	2,284,035
NN3W (@N3HBX)	1,963,280
VE3AT	1,947,668
K5GN	1,857,288
N06T	(K16RRN @WA6TQT)
VE3DZ	1,779,844
K5ZD	1,775,227
K6XX	1,695,309
K4AB	1,307,580
K3PA	1,178,013
	1,035,090

Single Operator, Mixed Mode, Low Power

VA2EW	1,284,666
KD4D	929,940
W9PA (N9NB, op)	534,280
KU1CW	448,404
KU2M	406,077
VE3TG	197,613
N8II	149,688
WA2JQK	123,702
KM4HI	82,716
W1MJ	81,600

Single Operator, Mixed Mode, QRP

KJ4YM	792
N7JI	533

Single Operator, Phone Only, High Power

N1UR	1,032,624
W7WA	851,422
NA3D	378,696
KR0CKT	172,339
W6AFA	140,067
KD7RF	124,899
W5GFI	98,687
KE8FT	68,680
VA3ZNQ	57,904
W4BBT	44,240

Single Operator, Phone Only, Low Power

K6JO	200,376
N7MZW	34,419
VA3TPS	34,220
W8PDH	33,128
AB1EP	26,076
NE1D	24,612
VE1SQ	24,072
KN4EWI	19,796
N1XL	15,930
KR4NO	15,776

Single Operator, Phone Only, QRP

K5YM	6,270
W0JMW	1,683
VA3MYC	1,581
AD6OE	1,190
KE0RJE	360
VA3KXS	189
WA8ZIP	161
WD4IYE	80
KK7VL	52
W0HGW	3

Single Operator, CW Only, High Power

W1KM	2,080,806
VE3JM	2,016,214
K1KI	1,842,932
N2IC	1,507,099
W9RE	1,429,924
VE9AA	1,338,960
WX0B (AD5Q, op)	1,332,000
N4AF	1,187,970
W6YX	(N7MH, op)
N3BB	1,111,360
	1,083,664

Single Operator, CW Only, Low Power

KE5JSY (IZ3EYZ, op)	655,155
K4BAI	469,522
W1NN	468,860
W12E	399,249
K7SV	358,827
WA1FCN	335,445
N8AA	329,749
K0AD	293,170
W1QK	280,876
WB4TDH	227,250

Single Operator, CW Only, QRP

K8CN	91,546
NE5TH	31,564
KE0TT	28,704
NU4B	16,377
W4QO	14,016
W5LA	9,396
AA1K	5,040
W6MZ	4,186
WR4I	3,528
WB8DXU	3,120

Single Operator, Unlimited, Mixed Mode, High Power

VA2WA	2,542,473
N8OO	1,669,269
VE5MX	1,503,675
NR3X (N4YDU, op)	1,471,259
K3WW	1,278,288
K7RL	1,195,922
N3QE	1,071,150
W1GD	1,015,992
K5CM (W5CW, op)	856,254
W3PU (K08SCA, op)	800,976

Single Operator, Unlimited, Mixed Mode, Low Power

NE9U	536,056
VA3DF	395,305
N5DO	279,020
W9AV	263,176
AA4LS	136,128
AC5O	114,635
W4EE	92,819
K1VU (N1EN, op)	81,760
KM4SII	81,508
VA3FF	81,445

Single Operator, Unlimited, Mixed Mode, QRP

K8ZT	47,250
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Single Operator, Unlimited, Phone Only, High Power

K0BBC/VY2	762,908
W3LL	584,502
N8BI	339,146
WV4P	166,160
W3ICM	94,842
K4HDW	74,284
K4CNX	69,069
K4BBH	40,542
K1KP	40,432
N7GCO	36,120

Single Operator, Unlimited, Phone Only, Low Power

K2ADA	123,732
WZ8T	59,954
KA2KON	55,650
WT8WV	32,984
KM4IAJ	22,680
K4ZMW	19,926
K5MM	13,908
K4LDC	12,243
KA4FVE	11,395
KD2JOE	9,905

Single Operator, Unlimited, CW Only, High Power

AA3B	2,729,188
K9CT	1,541,375
AB3CX	1,394,172
AD5A	1,213,315
N3AD	1,104,873
NT6Q (N5ZO, op)	985,704
N5RZ	797,886
VE3CX	738,375
N4BP	647,192
K6DAJ (@N6RO)	645,653

Single Operator, Unlimited, CW Only, Low Power

W3KB	456,057
K9OM	428,672
VE3MGY	336,160
K6WSC	186,147
AB9YC	175,275
VE1RSM	157,000
W4PM	124,215
VE3MA	112,668
K2MK	108,924
K7TK	85,960

Single Operator, Unlimited, CW Only, QRP

K1KK (HK1A, op)	44,730
W1WBB	11,973
KU4A	11,628
KK7A	1,536
W4ER	1,122

Multioperator, Single Transmitter, High Power

K8AZ	1,769,888
K1IR	1,624,110
VE3UTT	1,504,140
WW4LL	1,428,820
NV9L	1,030,688
KT7E	849,028
W2Z	691,775
W4AQL	609,492
N0AX	593,700

VE9ML	589,680
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Top Ten — Worldwide

Single Operator, Mixed Mode, High Power

CT9ABO (OM3GI, op)	4,881,184
RW7K	3,912,399
ES5RR (ES2RR, op)	3,245,047
UP0L (UN9LW, op)	2,901,816
EI7M (GD4XUM, op)	2,696,085
IR1G (IZ1LBG, op)	2,635,214
9A5Y (9A7DX, op)	2,605,913
OM3BH	2,574,558
DJ5MM	2,496,780
RM9I	2,387,154

Single Operator, Mixed Mode, Low Power

UW5Y (US2YW, op)	1,692,041
UW7LL	1,666,320
3V8SS (KF5EYY, op)	1,357,689
VA2EW	1,284,666
LY4L	1,211,760
R8CT	1,102,230
LZ1GU	994,560
UA4FER	962,795
KD4D	929,940
UA2K (UA2FB, op)	868,323

Single Operator, Mixed Mode, QRP

MM3AWD	564,120
LY5G	308,812
DF5RF	157,080
HG6C (HA6IAM, op)	149,668
HA5BA	149,375
UT5EOX	88,038
UX8IX	80,379
DK9BM	39,832
SP5PDA (SP5XSL, op)	38,098
EA6/DK5ON	30,889

Single Operator, Phone Only, High Power

YW1K (YV1KK, op)	1,042,448
N1UR	1,032,624
FY5FY	1,001,222
C4W (SB4WN, op)	996,224
W7WA	851,422
EA3CI	788,535
CR6K (CT1CJJ, op)	770,835
US5D (UT7DX, op)	752,854
OL8K (OK1GTH, op)	670,424
RM8A	551,754

Single Operator, Phone Only, Low Power

HA3DX (HA4XH, op)	766,475
ES6RW	664,196
IW1FRU	612,892
EI7T (ON4EI, op)	601,191
PA2TMS	390,051
UA3BL	263,520
OH6ECM	242,268
RC7KY	240,240
OE1HHB	222,824
K6JO	200,376

Single Operator, Phone Only, QRP

HB9EGA	59,964
SP9TKW	48,200
SP4LVK	38,522
UA3OQ	35,802
A61BK	31,949
HA1TI	24,108
UR7TV	17,500
PA0AWH	12,670
UA4ASE/6	7,654
K5YM	6,270

Single Operator, CW Only, High Power

KP2M (KT3Y, op)	2,580,048
UW1M (UR5MW, op)	2,323,620
R2DA	2,115,012
UR7GO	2,081,510
W1KM	2,080,806
VE3JM	2,016,214
K1KI	1,842,932
N2IC	1,507,099
HG5D (HA8QZ, op)	1,488,095
W9RE	1,429,924

Single Operator, CW Only, Low Power

UT5EO	1,389,406
HA1SN	1,202,630
8P5A (W2SC, op)	1,018,236
UA5F	832,656
WP3C	793,203
RX9AF	709,956
RW2F (RA2FA, op)	675,521
KE5JSY (IZ3EYZ, op)	655,155
RU9I	494,680
YL5W (YL2GN, op)	482,160

Single Operator, CW Only, QRP

DJ2RG	328,692
UY7RR	287,810
UR5FEO	192,696
R5PW	189,420
LZ5QZ	136,017
US5VX	131,968
S53AR	100,625
DM2DZM	98,600
K8CN	91,546
UZ7F	89,816

Single Operator, Unlimited, Mixed Mode, High Power

HA3NU	3,255,408
LY7Z	3,098,073
VA2WA	2,542,473
TI7W (N3KS, op)	2,307,825
9A3XV	2,064,778
YL6W (YL2GD, op)	1,935,054
SO4M (SP5UAF, op)	1,716,534
RA6CA	1,711,640
G4R (YO4RDW, op)	1,707,552
UT5C (UX7CQ, op)	1,683,799

Single Operator, Unlimited, Mixed Mode, Low Power

UZ3A (UX1AA, op)	1,738,659
HG1A (HA1ZN, op)	1,344,772
PC3T	1,191,380
9A1AA	1,166,418
UR6EA	1,076,865
OL5Y	1,031,680
RL6M	1,019,165
RU9AC	768,740
UW8SM	767,096
RV9UP	753,232

Single Operator, Unlimited, Mixed Mode, QRP

DK3WE	720,434
EE3X (EA3KX, op)	409,479
PE2K	78,027
JG1LFR	56,525
K8ZT	47,250
7L3PFH	19,604
CM3EFM	4,896
3G3O (XQ3OP, op)	3,072
DL8MF	656
DM7C	66

Single Operator, Unlimited, Phone Only, High Power

PT5J (PP5JR, op)	1,138,205
EF1W (EA1WS, op)	1,123,575
ED8W	1,030,682
HC5DBT	801,528
4Z7Z (4X1DX, op)	798,903
K0BBC/VY2	762,908
IR4K (IZ4JUK, op)	738,304
PJ4DX	658,392
RW3XZ	618,186
S54ZZ	607,168

Single Operator, Unlimited, Phone Only, Low Power

HG0R (HA0NAR, op)	772,164
UR2Y (US0YW, op)	592,176
IK4LZH	585,984
EC5AN	569,245
YO7SR	317,275
RA9AU	271,660
DL4VAI	259,578
RZ3Z	251,868
F4VSE	234,252
TM07A	169,024

Single Operator, Unlimited, Phone Only, QRP

HG6R	132,404
LZ1DM	54,320
9A4AA	31,680

Single Operator, Unlimited, CW Only, High Power

P3X (UT5UDX, op)	4,255,180
SN7Q (SP7GIQ, op)	3,097,926
P44W (W2GD, op)	3,063,725
EA6FO (EC3TW, op)	2,732,136
AA3B	2,729,188
RT9A	2,553,985
UT4U (UT5UJO, op)	2,299,098
LY5E	2,262,960
YT6W	1,982,690
RL5A	1,811,244

Single Operator, Unlimited, CW Only, Low Power

UT4LW	1,482,800
RU6K	1,470,574
5B/RN3QO	1,428,526
RC9A	1,419,704
SN7O (SP7IVO, op)	1,302,234
SP4JCQ	1,063,132
S53A	1,058,200
R7MM	1,031,955
4O3A (E77W, op)	898,367
RA3AN	820,328

Single Operator, Unlimited, CW Only, QRP

RM5F	457,272
OK6K (OK5IM, op)	172,989
HG3C (HA3HX, op)	157,680
EU8F	144,329
ON3DI	140,580
IK2GWH	129,336
UT3EK	116,350
SM0LPO	104,448
LY3G	54,153
OK2AP	53,760

Multioperator, Single Transmitter, High Power

EF8R	8,941,053
RM9A	4,647,495
RL3A	4,521,984
UP2L	4,487,733
IR4M	3,875,095
IR4X	3,667,350
HG6N	2,858,128
EM2Q	2,457,216
OH0C	2,279,760
HG7T	2,147,866

Regional Leaders

Boxes list call sign, score, and class: MSHP = Multioperator, Single Transmitter, High Power; SO-CW-HP = Single Operator, CW Only, High Power; SO-CW-LP = Single Operator, CW Only, Low Power; SO-CW-QRP = Single Operator, CW Only, QRP; SO-MIX-HP = Single Operator, Mixed Mode, High Power; SO-MIX-LP = Single Operator, Mixed Mode, Low Power; SO-MIX-QRP = Single Operator, Mixed Mode, QRP; SO-PH-HP = Single Operator, Phone Only, High Power; SO-PH-LP = Single Operator, Phone Only, Low Power; SO-PH-QRP = Single Operator, Phone Only, QRP; SOU-CW-HP = Single Operator Unlimited, CW Only, High Power; SOU-CW-LP = Single Operator Unlimited, CW Only, Low Power; SOU-CW-QRP = Single Operator Unlimited, CW Only, QRP; SOU-MIX-HP = Single Operator Unlimited, Mixed Mode, High Power; SOU-MIX-LP = Single Operator Unlimited, Mixed Mode, Low Power; SOU-MIX-QRP = Single Operator Unlimited, Mixed Mode, QRP; SOU-PH-HP = Single Operator Unlimited, Phone Only, High Power; SOU-PH-LP = Single Operator Unlimited, Phone Only, Low Power, and SOU-PH-QRP = Single Operator Unlimited, Phone Only, QRP.

West Coast Region (Pacific, Northwestern, and Southwestern Divisions; Alberta, British Columbia, and NT Sections)	Midwest Region (Dakota, Midwest, Rocky Mountain, and West Gulf Divisions; Manitoba and Saskatchewan Sections)	Central Region (Central and Great Lakes Divisions; Ontario East, Ontario North, Ontario South, and Greater Toronto Area Sections)	Southeast Region (Delta, Roanoke, and Southeastern Divisions)	Northeast Region (New England, Hudson, and Atlantic Divisions; Maritime and Quebec Sections)
N06T (K16RRN, op @WA6TQT) 1,779,844 SO-MIX-HP K6XX 1,307,580 SO-MIX-HP VE7UF (VE7JH, op) 780,710 SO-MIX-HP W6TK 285,492 SO-MIX-HP W6FB 77,175 SO-MIX-HP KU1CW 448,404 SO-MIX-LP W6RCK 47,250 SO-MIX-LP A16V 24,360 SO-MIX-LP KE6GLA 10,465 SO-MIX-LP VE6JF 9,196 SO-MIX-LP N7JI 533 SO-MIX-QRP W7WA 851,422 SO-PH-HP KR0CKT 172,339 SO-PH-HP W6AFA 140,067 SO-PH-HP KD7RF 124,899 SO-PH-HP KE8FT 68,680 SO-PH-HP K6JO 200,376 SO-PH-LP N7FE 15,004 SO-PH-LP WB6CZG 7,854 SO-PH-LP K6MUG 5,510 SO-PH-LP NX7W (N7FLT, op) 3,528 SO-PH-LP AD6OE 1,190 SO-PH-QRP KK7VL 52 SO-PH-QRP W6YX (N7MH, op) 1,111,360 SO-CW-HP N6TV 858,888 SO-CW-HP N6AA 617,760 SO-CW-HP K7RAT (N6TR, op) 410,168 SO-CW-HP VE7DZO 395,400 SO-CW-HP W6NK 110,880 SO-CW-LP K7HBN 54,020 SO-CW-LP VA6WWW 41,268 SO-CW-LP W6ZL 26,092 SO-CW-LP K7AZT 14,858 SO-CW-LP W6MZ 4,186 SO-CW-QRP N6HI 1,360 SO-CW-QRP N6HCN 784 SO-CW-QRP K2GMY 636 SO-CW-QRP VE7AHT 385 SO-CW-QRP K7RL 1,195,922 SOU-MIX-HP W9KKN 574,704 SOU-MIX-HP NC6K 346,647 SOU-MIX-HP N9NA 161,073 SOU-MIX-HP N6IE 114,900 SOU-MIX-HP K6GHA 79,876 SOU-MIX-LP N7UJJ 22,776 SOU-MIX-LP AE6PL 5,106 SOU-MIX-LP AG6JA 1,972 SOU-MIX-LP VE7BGP 984 SOU-MIX-LP N7GCO 36,120 SOU-PH-HP WZ8T 59,954 SOU-PH-LP WA7YXY 5,012 SOU-PH-LP W6RQ 1,472 SOU-PH-LP KB7HDX 1,410 SOU-PH-LP K6SCT 234 SOU-PH-LP NT6Q (N5ZO, op) 985,704 SOU-CW-HP K6DAJ (@N6RO) 645,653 SOU-CW-HP K6MMM (KE1B, op) 104,550 SOU-CW-HP KC7EFP 103,050 SOU-CW-HP W6RW 92,160 SOU-CW-HP K6WSC 186,147 SOU-CW-LP KT7Q 85,960 SOU-CW-LP K7JQ 38,456 SOU-CW-LP KN7K 21,552 SOU-CW-LP KE7RW 8,085 SOU-CW-LP KK7A 1,536 SOU-CW-QRP KT7E 849,028 MSHP K7RI 318,530 MSHP K7BTW 311,880 MSHP NX6T 295,254 MSHP VA7DZ 92,748 MSHP	K5GN 1,857,288 SO-MIX-HP K3PA 1,035,090 SO-MIX-HP N67M 77,436 SO-MIX-HP W0ETT 73,186 SO-MIX-HP WA5DSS 31,086 SO-MIX-HP AE0EE 46,096 SO-MIX-LP K0KR 44,184 SO-MIX-LP KA8HDE 40,376 SO-MIX-LP N9HDE 36,472 SO-MIX-LP W0YJT 34,713 SO-MIX-LP W5GFI 98,687 SO-PH-HP K0VG 4,495 SO-PH-HP K5TBA 4,059 SO-PH-HP K5AVY 1,696 SO-PH-HP K5TYR (W5MQ, op) 630 SO-PH-HP N7MZW 34,419 SO-PH-LP KM5JV 12,645 SO-PH-LP AE0TT 10,990 SO-PH-LP NW5Q 9,633 SO-PH-LP W7KAM 8,460 SO-PH-LP K5YM 6,270 SO-PH-QRP W0JMW 1,683 SO-PH-QRP KE0RJE 360 SO-PH-QRP W0HGW 3 SO-PH-QRP N2IC 1,507,099 SO-CW-HP WX0B (AD5Q, op) 1,332,000 SO-CW-HP N3BB 1,083,664 SO-CW-HP W0UA 1,005,890 SO-CW-HP WD0T 570,354 SO-CW-HP KE5JSY (IZ3EYZ, op) 655,155 SO-CW-LP K0AD 293,170 SO-CW-LP NN5T 180,544 SO-CW-LP W5RYA 151,715 SO-CW-LP KG5U 136,152 SO-CW-LP NE5TH 31,564 SO-CW-QRP KE0TT 28,704 SO-CW-QRP VE5WB9QAF 780 SO-CW-QRP K10G 80 SO-CW-QRP VE5MX 1,503,675 SOU-MIX-HP K5CM (W5CW, op) 856,254 SOU-MIX-HP N5JR 337,848 SOU-MIX-HP K0KX 180,721 SOU-MIX-HP K8LS 156,450 SOU-MIX-HP N5DO 279,020 SOU-MIX-LP KE5LQ 11,439 SOU-MIX-LP NT5TT 2,618 SOU-MIX-LP NA5J 2,496 SOU-MIX-LP W0JWR 936 SOU-MIX-LP WX0Z 4,864 SOU-PH-HP K9TWW 546 SOU-PH-HP K15MM 13,908 SOU-PH-LP K15CXO 3 SOU-PH-LP N0EO (AA0AW, op) 3 SOU-PH-LP AD5A 1,213,315 SOU-CW-HP N5RZ 797,886 SOU-CW-HP N0AV 325,254 SOU-CW-HP W0VX 141,327 SOU-CW-HP WB0N 105,570 SOU-CW-HP K0VBU 80,580 SOU-CW-LP AD1C 55,877 SOU-CW-LP K0MPH 20,102 SOU-CW-LP N05M 12,274 SOU-CW-LP K7ULS 3,933 SOU-CW-LP N0AX 593,700 MSHP W0ECC 329,324 MSHP N0KE 21,888 MSHP WA5LHM 21,600 MSHP NM5M 8,556 MSHP	VE3EJ 2,284,035 SO-MIX-HP VE3AT 1,947,668 SO-MIX-HP VE3DZ 1,775,227 SO-MIX-HP K9ZO (WT2P, op) 720,945 SO-MIX-HP WB8AKW 75,760 SO-MIX-HP W9PA (N9NB, op) 534,280 SO-MIX-LP VE3TG 197,613 SO-MIX-LP VE3WRL 78,556 SO-MIX-LP K4YJ 78,375 SO-MIX-LP W8MET 74,108 SO-MIX-LP VA3ZNQ 57,904 SO-PH-HP AA8DC 37,128 SO-PH-HP W9NZ 35,855 SO-PH-HP NAZY 23,058 SO-PH-HP WB9ONU 10,455 SO-PH-HP VA3TPS 34,220 SO-PH-LP W8PDH 33,128 SO-PH-LP WB9DAR 15,455 SO-PH-LP VE3RVZ 14,850 SO-PH-LP KV4ZY 12,402 SO-PH-LP VA3MYC 1,581 SO-PH-QRP VA3KXS 189 SO-PH-QRP WA8ZIP 161 SO-PH-QRP WD4IYE 80 SO-PH-QRP VE3JM 2,016,214 SO-CW-HP W9RE 1,429,924 SO-CW-HP NA8V 1,061,632 SO-CW-HP N8BJQ 466,900 SO-CW-HP K8MP 289,192 SO-CW-HP W1NN 468,860 SO-CW-LP N8AA 329,749 SO-CW-LP VE3TM 190,183 SO-CW-LP KV8Q 128,610 SO-CW-LP W8TM 110,134 SO-CW-LP W8DXU 3,120 SO-CW-QRP K8RJW 927 SO-CW-QRP VE3RZ 580,920 SOU-MIX-HP ND9G 403,550 SOU-MIX-HP N2BJ 233,820 SOU-MIX-HP VE3TW 129,708 SOU-MIX-HP VE3MM 72,268 SOU-MIX-HP NE9U 536,056 SOU-MIX-LP VA3DF 395,305 SOU-MIX-LP W9AV 263,176 SOU-MIX-LP VA3FF 81,445 SOU-MIX-LP K8GT 76,095 SOU-MIX-LP K8ZT 47,250 SOU-MIX-QRP N8BI 339,146 SOU-PH-HP VA3WW 6,300 SOU-PH-HP KC9WAV 3,726 SOU-PH-HP VE3HED 2,736 SOU-PH-HP KC9BG 2,124 SOU-PH-HP WS6K 3,300 SOU-PH-LP NR9K 2,349 SOU-PH-LP VE3EZB 2,166 SOU-PH-LP K9CT 1,541,375 SOU-CW-HP VE3CX 798,375 SOU-CW-HP VE3NZ 529,065 SOU-CW-HP VE3NE 386,230 SOU-CW-HP N9CO 370,944 SOU-CW-HP K9OM 428,672 SOU-CW-LP VE3MGY 336,160 SOU-CW-LP AB9CY 175,275 SOU-CW-LP VE3MA 112,668 SOU-CW-LP WA9LEY 36,380 SOU-CW-LP KU4A 11,628 SOU-CW-QRP K8AZ 1,769,888 MSHP VE3UTT 1,504,140 MSHP NV9L 1,030,688 MSHP K8AJS 260,414 MSHP K9GX 108,819 MSHP	K4AB 1,178,013 SO-MIX-HP K0EJ 862,040 SO-MIX-HP N4PN 633,749 SO-MIX-HP KU8E 431,680 SO-MIX-HP N4NO 200,982 SO-MIX-HP N8II 149,688 SO-MIX-LP KM4HI 82,716 SO-MIX-LP AA0O 65,424 SO-MIX-LP N2JF 22,500 SO-MIX-LP N4ARO 21,120 SO-MIX-LP KJ4YM 792 SO-MIX-QRP W4BBT 44,240 SO-PH-HP KM3U 38,115 SO-PH-HP WB4HRL 32,782 SO-PH-HP KU4FX 20,237 SO-PH-HP K4HWS 19,152 SO-PH-HP KN4EWI 19,796 SO-PH-LP N1XL 15,930 SO-PH-LP KR4NO 15,776 SO-PH-LP KM4ZQE 14,400 SO-PH-LP K4SHW 12,240 SO-PH-LP N4AF 1,187,970 SO-CW-HP K3JT 443,784 SO-CW-HP N2YO 212,534 SO-CW-HP WQSL 172,874 SO-CW-HP AA4EA 141,732 SO-CW-HP K4BAI 469,522 SO-CW-LP K7SV 358,827 SO-CW-LP WA1FCN 335,445 SO-CW-LP WB4TDH 227,250 SO-CW-LP K4OAO 88,956 SO-CW-LP NU4B 16,377 SO-CW-QRP W4QO 14,016 SO-CW-QRP W5LA 9,396 SO-CW-QRP AA1K 5,040 SO-CW-QRP WR4I 3,528 SO-CW-QRP N8OO 1,669,269 SOU-MIX-HP NR3X (N4YDU, op) 1,471,259 SOU-MIX-HP W04O 438,986 SOU-MIX-HP N3UA 116,034 SOU-MIX-HP WA4JUK 73,134 SOU-MIX-HP AA4LS 136,128 SOU-MIX-LP AC5O 114,635 SOU-MIX-LP W4EE 92,819 SOU-MIX-LP KM4SII 81,508 SOU-MIX-LP WA4IPU 39,785 SOU-MIX-LP WV4P 166,160 SOU-PH-HP K4HDW 74,284 SOU-PH-HP KC4NX 69,069 SOU-PH-HP K4BBH 40,542 SOU-PH-HP KM4VTE 26,962 SOU-PH-HP K2ADA 123,732 SOU-PH-LP W8WV 32,984 SOU-PH-LP KM4IAJ 22,680 SOU-PH-LP K4ZMW 19,926 SOU-PH-LP K4LDC 12,243 SOU-PH-LP N4BP 647,192 SOU-CW-HP W4NZ 640,840 SOU-CW-HP K3IE 517,960 SOU-CW-HP K2SX 445,354 SOU-CW-HP N1LN 385,320 SOU-CW-HP W4PM 124,215 SOU-CW-LP K2MK 108,924 SOU-CW-LP N4UW 78,624 SOU-CW-LP AA4NP 56,304 SOU-CW-LP N4TP (W4LT, op) 47,984 SOU-CW-LP K1KK (HK1A, op) 44,730 SOU-CW-QRP W4ER 1,122 SOU-CW-QRP W4AQL 609,492 MSHP N4IO 422,433 MSHP K4OV 397,075 MSHP W0NA 265,727 MSHP W4UAL 40,651 MSHP	NN3W (@N3HBX) 1,963,280 SO-MIX-HP K5ZD 1,695,309 SO-MIX-HP K3ZO 697,026 SO-MIX-HP N3XF 124,832 SO-MIX-HP KM2L 61,710 SO-MIX-HP VA2EW 1,284,666 SO-MIX-LP KD4D 929,940 SO-MIX-LP KU2M 406,077 SO-MIX-LP WA2JQK 123,702 SO-MIX-LP W1MJ 81,600 SO-MIX-LP N1UR 1,032,624 SO-PH-HP NA3D 378,696 SO-PH-HP KK1L 37,092 SO-PH-HP W2KU 8,304 SO-PH-HP KD2NE 7,194 SO-PH-HP AB1EP 26,076 SO-PH-LP NE1D 24,612 SO-PH-LP VE1SQ 24,072 SO-PH-LP N2MTG 14,307 SO-PH-LP N3XZ 13,255 SO-PH-LP W1KM 2,080,806 SO-CW-HP K1KI 1,842,932 SO-CW-HP VE9AA 1,338,960 SO-CW-HP K1IMI (N4CW, op) 484,484 SO-CW-HP VA1MM 334,866 SO-CW-HP W1E2 399,249 SO-CW-LP W1QK 280,876 SO-CW-LP W21K 146,740 SO-CW-LP N1QY 136,080 SO-CW-LP W2IY 105,448 SO-CW-LP K8CN 91,546 SO-CW-QRP WA2NYY 1,482 SO-CW-QRP VA2WA 2,542,473 SOU-MIX-HP K3WW 1,278,288 SOU-MIX-HP N3QE 1,071,150 SOU-MIX-HP W1GD 1,015,992 SOU-MIX-HP W3PU (K06SCA, op) 800,976 SOU-MIX-HP K1VU (N1EN, op) 81,760 SOU-MIX-LP AA1SU 28,762 SOU-MIX-LP VE2CJR 24,924 SOU-MIX-LP W3FIZ 13,631 SOU-MIX-LP WA1DRQ 12,358 SOU-MIX-LP K0BBC/VY2762.908 SOU-PH-HP W3LL 584,502 SOU-PH-HP W3ICM 94,842 SOU-PH-HP K1KP 40,432 SOU-PH-HP N2MUN 17,424 SOU-PH-HP KA2KON 55,650 SOU-PH-LP KD2JOE 9,905 SOU-PH-LP W2JW 7,955 SOU-PH-LP N3YJP 5,421 SOU-PH-LP VE9WRS 4,396 SOU-PH-LP AA3B 2,729,188 SOU-CW-HP AB3CX 1,394,172 SOU-CW-HP N3AD 1,104,873 SOU-CW-HP K4RUM 622,870 SOU-CW-HP N3RS 588,093 SOU-CW-HP W3KB 456,057 SOU-CW-LP VE1RSM 157,000 SOU-CW-LP N3ZA 30,976 SOU-CW-LP WA3MD 25,830 SOU-CW-LP AC3BU 20,352 SOU-CW-LP W1WBB 11,973 SOU-CW-QRP K1IR 1,624,110 MSHP WW4LL 1,428,820 MSHP W2Z 691,775 MSHP VE9ML 589,680 MSHP W3ZGD 329,160 MSHP