



IARU HF Championship 2017 Results

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"Should I stay or should I go?"

This was the question a lot of operators asked themselves for the 2017 IARU HF Championship. While the majority of entrants used their home stations, this year a lot of operators traveled somewhere else to operate for one reason or another. And some took advantage of logging in to remote stations to post some big scores while staying home. First, let's look at some noteworthy scores and close races...

Single-operator

Andy Sachkov, LZ2HM, traveled to the P33W superstation in Cyprus and racked up a 4.9M point score in the Single-operator, Mixed-mode, High Power category, far outpacing everyone else in the world. R2AA stayed home and posted an impressive 3.9M point score for second place and tops in Europe. John, VE3EJ, narrowly edged out N5DX (who was connected to the N2QV remote station) and CG3AT (VE3AT, op) for the top W/VE score.

In the Mixed-mode, Low Power category, it was a close race with Manfred, DJ5MW, (operating a WRTC-style station...more on this later) just edging out RW4WA.

The Phone-only, High Power category saw Bill, K4XS, operating as KH7B from his new and still-under-construction station in Hawaii, run away from everyone, nearly doubling the score of runner-up US5D (operated by UT7DX). Bill did not even have antennas for 80 or 160 meters available!

RG6G topped the CW-only, High power category, which had four W/VE stations make the Top Ten World list. The W/VE competition was extremely close, with Tom, K1KI, squeaking past W1KM by about 0.5%. Both of them were operating from their home stations, and 'KI reported that his post-contest "nap" lasted 8 hours.

The CW-only, Low Power category also saw a close race among R8WF, UT5EO, and LY5R, with the three scores within +/-2%. R8WF finished on top. K7SV was the only W/VE in the Top Ten.

The CW-only QRP category was another close one, with W7YAQ narrowly prevailing over UR5FEO.



Tomek, SQ9C, operates while station owner, Maciek, SP2XF, watches the QSO rate on the screen at the 20-meter station of SNØHQ in the very center of Poland. (photo by Henryk Kotowski, SMØJHF)

Single-operator Unlimited

This relatively new category has become very popular since it was added in 2015. However, the winners seemed to run away in every Unlimited entry class this time. In the Mixed-mode category, the winners were HA3NU (High Power), UZ3A operated by UX1AA (Low Power), and HA5PP (QRP), all by margins of 30% or more.

In the W/VE competition, the Mixed-mode, High Power category was the only close race, with Victor, VA2WA, (who moved from Russia in the 2000s to make Canada his home) scoring a "victor-y" over Victor, N8OO (who moved to Louisiana from Turkmenistan in the mid-90s).

Multioperator

The EF8R team took full advantage of their African location and high point value for QSOs with Europe and the U.S. to crush the competition with over 10 million points. Second place went to RM9A in Asia, and third to

CN3A (Africa). Top European multiop was IR4X. In the W/VE competition, K5PI did the CW while K5TR did the SSB at the K5TR station near Austin, Texas, and they edged out East Coaster KD4D (operating at N3HBX).



This is the 10 Meter SSB and 160 Meter CW station of EF4HQ. Operators there were EA5s EN, HT, and SR (photo courtesy of EC4DX)

Headquarters and IARU Special Stations

The national societies, especially in Europe, have always enjoyed a spirited competition in this contest. They begin planning months in advance and spread their stations out all over their country, choosing the best-equipped stations for each band, and combining the scores. This year EF4HQ, representing the URE (Unión de Radioaficionados Españoles) in Spain, took the prize, with DAØHQ (DARC, Germany) and TMØHQ (REF, France) in close pursuit. DAØHQ piled up almost 17,000 QSOs (compared to EF4HQ's 13,000), but a huge percentage were from their own country and carried lower point value.



WJ2O and W2GN operating as W1AW/2 at the W2FU station in upstate New York (W2FU photo)

Of special interest in the U.S., the ARRL HQ station callsign was assigned to a group of 10 operators using 5 locations in Western New York this year, operating as W1AW/2, and a group of 14 operators spread out at three locations in Louisiana used the IARU HQ callsign NU1AW/5.



LY9A and LY4L practiced for WRTC2018 by operating as DP4T, while LY5Y played the role of referee (DF9XV photo)

Most active countries

Logs were received from 134 different countries, demonstrating the broad international appeal of this event. The top ten countries from which the highest numbers of logs were submitted is shown below:

Country	Logs submitted
U.S.A.	876
Germany	354
European Russia	277
Japan	270
Poland	190
Ukraine	176
Italy	157
Spain	108
Asiatic Russia	106
Canada	77

Special IARU Stations	
IARU Headquarters Stations (# indicates multiple callsigns with different digits were used)	
Call	Score
EF4HQ	19,650,618
DAØHQ	18,507,425
TMØHQ	17,925,935
II#HQ	17,111,952
OL7HQ	16,884,938
S5ØHQ	15,837,120
EM5HQ	15,655,536
9AØHQ	14,789,439
YTØHQ	13,938,290
OF1ØØHQ	13,025,453
LYØHQ	12,999,987
YRØHQ	12,475,652
GR2HQ	11,904,750
SNØHQ	11,530,896
OEØHQ	10,282,696
HGØHQ	9,996,921
YL4HQ	9,604,793
OZ1HQ	9,084,096
UN1HQ	8,523,216
LZ7HQ	7,824,950
EW5HQ	7,747,020
PA6HQ	7,703,840
SXØHQ	6,113,536
OPØHQ	5,736,090
W1AW	5,642,910
HB9HQ	5,392,064
RØHQ	5,212,064
8N#HQ	4,823,826
Z3ØHQ	4,742,974
CX1AA	4,237,728
LU4AA	3,313,440
NU1AW	3,077,302
B9HQ	2,809,188
SK9HQ	2,740,352
EIØHQ	2,478,592
ER7HQ	2,386,141
PJ2HQ	1,934,515
LN2HQ	1,803,340
T4ØHQ	1,711,716

E2HQ	1,699,074
CR5HQ	1,591,425
TC3HQ	1,579,796
HBØHQ	1,438,338
LX8HQ	1,360,380
VA3RAC	1,240,630
VP9HQ	1,163,400
AT1HQ	1,122,316
A71HQ	1,052,656
DXØHQ	803,892
YEØHQ	794,744
ZL6HQ	647,860
V31HQ	566,296
ZF1A	406,098
ES17EU	350,588
HI3RCD	339,290
BOØHQ	273,148
ZP5AA	246,636
J73Z	111,882
TGØAA	94,860
ZS9HQ	83,520
XE1LM	55,014
9M2A	32,298
XR3HQ	19,890
HLØHQ	14,875
VR2ØHK	1,955
IARU Administrative Council Stations	
G3BJ	2,069,574
K1ZZ	1,845,325
VE6SH	81,711
IARU R1	
HB9FPM	177,120
IARU R2	
PT2ADM	95,940
VE3YV	19,764
YV5AM	10,730
IARU R3	
JA1CJP	197,442
YBØAZ	100,942
VU2GMN	3,872

Thanks to the World Wide Radio Operators Foundation (WWROF, www.wwrof.org) for providing the log-scoring for the HQ station competition.

Traveling Operators

Some operators (like LZ2HM) traveled to big stations in rare locations and were rewarded with winning scores. But there were some other interesting travel stories.

Eric, KV1J, has operated numerous times as FP/KV1J from the island of St. Pierre. This time, he discovered that the house where he usually operates had been sold! He posted on 3830scores.com that since the antennas were on someone else's property he had to keep it simple (a 20M - 10M Spider beam and an off-center-fed dipole both only 4 meters up). The rainy weather prevented him from turning the beam often, which limited his score, but he enjoyed handing out an unexpected entity.

K2NV/VE3 combined contesting with sailing, operating from his sailboat near St. Catherines, ON.

DL/NC6B was traveling through Germany on a river cruise. When the ship docked he ran out, set up his dipole and 5-watt KX3 with 25 minutes left in the contest, and made two contacts.

Jim, K8MR, was on vacation with his family in Long Beach Island, NJ, and brought along his KX3 and suspended dipoles from a 12-foot mast on the small rooftop deck, draping the wires over the edge. He managed 40 QSOs but operating time was limited when his mighty 5-watt transmitter implausibly tripped the circuit breakers in the house.

Home, but Remote

A number of operators made excellent scores using remote stations. N5DX, for example, took top honors in the W/VE Single-operator, Mixed-Mode, High Power category.

VE3UTT and VE3EY got off to a great start using the VE3UTT remote station, but when they moved to 80M, the RF shut down the router at the remote site and their contest was over.

Andy, K2LE, (in New York) and Gerry, W1VE, (in New Hampshire) took turns using the K2LE remote station in Vermont. Andy noted that Internet speed is still a limiting factor in trying to use rotators on multiple towers and the station is a work in process.

A "Homecoming"

Veteran contestster George, WØUA, has always enjoyed this contest and operated many times from the excellent station of Chuck, KØRF. For the past two years, health issues and a fire at KØRF prevented any kind of operation. However, George reported on 3830scores.com that the station is rebuilt, health issues are resolved, and he was able to both key his way to a terrific CW-only High Power score AND play a round of sleep-deprived golf in 98-degree heat Sunday afternoon. Welcome back, OM!

No Place Like Home

Since this contest takes place in prime thunderstorm season in the Northern Hemisphere, numerous stations from N1UR in Vermont to XW1IC in Laos reported having to shut down due to lightning in the area.

Larry, K4AB, observed that propagation conditions were pretty good, with no solar storms and no lightning at his QTH.

Max, NG7M, was glad to be in the air-conditioned shack while outside temperatures in Utah climbed to over 104 degrees.

Jeff, N8II, reported that he was handicapped by having to deal with peeling and slicing a bumper crop of peaches. Now that's an excuse we have not heard before!

The Battle Deep in the Heart of Texas

Jim, N3BB, entered the Single-operator, CW-only, High Power category and noted on 3830scores.com that there was major league competition in Texas from WXØB (AD5Q, op) and K5GN. Jim had spent the past year rebuilding and improving his station inside the Austin city limits and was happy with the station performance and conditions (except for a shutout on 10 meters). In the end, he managed to just get past WXØB near Dallas by a mere 1.5%. But K5GN near Houston rocketed past them both with 1.8M points and can claim Texas CW bragging rights.

Traveling (or staying home) with a purpose

The [World Radiosport Team Championship](#) (WRTC) will take place during the IARU HF Championship in 2018. While the Team Leaders were not announced officially until October 2017, many of the positions were clinched before then.

Several teams and individual operators used the 2017 IARU contest as a warmup and some even traveled to Europe to get a feel for conditions there. Most operated “WRTC-style” with 100 watts, no DX cluster, a Spiderbeam-type antenna at 12 meters or so, and dipoles for 40 and 80 meters.



W2GD (L) and AA3B will compete in the 2018 WRTC and practiced in 2017 as DR5F (W2GD photo)

Some of the active “practice” stations were:

- DR5F (W2GD/AA3B)
- NP4Z (NP4Z/AD4Z)
- RW2F (RA2FA/UA2FB)
- LZ5R (K1LZ/YO9GZU)
- HG2U (N4YDU)
- DP4T (LY9A/LY4L)
- DR4A (JH5GHM)
- SC9W (SM3SGP/SM5AJV)
- DM3W (DJ5MW, bronze medal at WRTC2014)
- DM2M (N6MJ/KL9A, WRTC2014 winners)
- UW5Y (US2YW/UW7LL)

- UR7D (URØMC/VE3DZ)
- DR4W (AE6Y/N6XI operating remote from W6!)
- DP6M (K5WA, who combined the trip with his wedding anniversary trip)

The WRTC stations operate in “Multi-2” mode and have different scoring rules, so their entries were not all valid for the IARU contest. But they all learned from the experience and expect to have an edge on their competition in 2018. Will it pay off? We’ll see...



WRTC2014 Gold Medal winners Dan, N6MJ, (shown) and Chris, KL9A, traveled to Germany and operated WRTC-style as DM2M (KL9A photo)

Be there in 2018!

You will not want to miss the IARU HF Championship / WRTC in 2018. It will be THE Radiosport event of the year. The WRTC2018 organizers in Germany have been working hard for four years to produce an event that promises to be exciting for everyone involved, either in person in Germany or on the air.

Mark your calendar now for the weekend of July 14-15, 2018. The fun starts at 1200Z, and runs for 24 hours.

Top Ten Scores

United States and Canada		World		United States and Canada		World	
Single Operator				Single Operator Unlimited			
Mixed Mode, High Power				Mixed Mode, High Power			
VE3EJ (initially mis-categorized as DX)	2,206,170	P33W (LZ2HM, op)	4,907,214	VA2WA	1,784,718	HA3NU	3,566,254
N5DX	2,164,995	R2AA	3,490,245	N8OO	1,773,392	UA9MA	2,319,240
CG3AT (VE3AT, op)	2,120,000	VE3EJ (initially mis-categorized as DX)	2,206,170	N3AD	1,471,632	YT5A (YT3W, op)	2,191,860
VA2EW	1,653,812	N5DX	2,164,995	K7RL	1,274,386	VA2WA	1,784,718
K4AB	1,147,562	CG3AT (VE3AT, op)	2,120,000	WO4O	948,073	N8OO	1,773,392
K4BAI	1,000,236	VA2EW	1,653,812	W1GD	805,089	OG6N	1,737,402
W6TK	548,548	PS2T (PY2NY, op)	1,341,704	K9OM	764,478	OH6LI	1,735,792
K6NR	311,916	RW4W	1,280,797	W9PA	457,491	HA6P (HA6PX, op)	1,729,144
N4NO	283,680	K4AB	1,147,562	W1EBI	432,480	DK8ZB	1,712,124
KØOU	264,402	LY5E (LY2IJ, op)	1,108,359	KØKX	365,160	KH6LC (KL7SB, op)	1,625,778
Mixed Mode, Low Power				Mixed Mode, Low Power			
K3PA	596,502	DJ5MW	790,314	K5KG	656,766	UZ3A (UX1AA, op)	2,114,110
KI6RRN	475,416	RW4WA	782,530	VA3DF	425,040	HG2U (N4YDU, op)	986,592
KØAD	438,235	K3PA	596,502	VE3PJ	180,926	RA3Y	963,360
N8II	413,850	KI6RRN	475,416	VE3MV	139,095	YT2AAA	927,220
N7VM	301,920	EA5/DK5IM	466,264	K8GT	80,464	LY1DZ	840,234
WØZP	177,165	DK9IP	465,576	W9AV	73,416	S52NR	791,224
WN6K	105,768	KØAD	438,235	N8VV	60,480	YU2A	745,506
VE3CV	103,847	DR4A (JH5GHM, op)	437,760	W2NTV	51,678	RV9UP	668,716
N2EM	87,971	N8II	413,850	W3FIZ	50,196	K5KG	656,766
AF5CC	74,260	DP6M	411,432	AD3Y	48,230	SE4E (SM4DQE, op)	538,720

Mixed Mode, QRP				Mixed Mode, QRP			
N9EP	42,876	HG6C (HA6IAM, op)	309,111	W3YI (W3YJ, op)	56,511	HA5PP	335,214
K2GMY	20,776	LZ5QZ	213,003	KA7T	44,454	IZ8JFL	269,985
ADØBI	7,410	YU1LM	170,328	K8ZT	2,090	W3YI (W3YJ, op)	56,511
WB9QAF	928	HA5BA	132,468			KA7T	44,454
		SQ2BXI	96,624			YT2T	36,540
		IK1XPK	91,000			E72MD	25,520
		UT5EOX	67,155			S51RU	21,840
		OK1LV	63,826			DL1EFW	13,065
		DL6OCH	55,896			JK1TCV	7,749
		UX8IX	55,575			EA1AER	3,885
Phone Only, High Power				Phone Only, High Power			
K3ZJ	437,745	KH7B (K4XS, op)	1,445,640	K6DTT	240,960	ES5RW	1,974,652
NR6Q	329,868	US5D (UT7DX, op)	864,773	N8BI	224,676	4X6TT	1,352,400
KU2M	231,993	RM4HZ	619,519	AB4EJ	145,635	EW6W	1,350,576
KD7RF	134,541	IZ4JUK	522,474	N5HC	127,568	PI4DX (PD2DX, op)	1,263,872
N4MM	107,435	PJ4DX	507,060	VY2/WS5K	99,876	RJ4P	1,224,462
KC3D	92,400	K3ZJ	437,745	W7ZB	90,160	EF1W (EA1WS, op)	1,086,692
4U1WB (AJ3M, op)	51,600	HSØZIA	431,256	KC9QQ	81,090	HA3DX (HA4XH, op)	1,064,328
K9MWM	45,527	EA3CI	371,342	N7VF	78,584	ED7O	1,006,416
VA3ZNQ	43,520	EA5HRV	363,588	AC8G	69,131	9K2OD	798,248
NT4MM	38,151	NR6Q	329,868	N7GCO	52,332	S54ZZ	797,720
Phone Only, Low Power				Phone Only, Low Power			
ND4Y	203,010	RW7M	654,080	KA2KON	69,120	UR2Y (USØYW, op)	719,040
K5DHY	71,706	TI1K (TI2CDA, op)	614,864	WØPV	53,240	YP7A (YO7SR, op)	464,183
VE1WOW	65,520	USØHZ	416,109	AB5NX	36,520	EC5NJ	331,788

VA3TPS	63,492	ED8H	333,828	VYØERC (VE3KTB, op)	28,567	YT5IVN	307,695
N2ESP	55,826	UA9R	270,712	K4BBH	28,407	IU2IDO	285,714
WA4JA	40,650	UT7QL	269,008	K4ELI	24,276	SQ4JEN	222,300
VE2HIT	36,176	R1255F (UF2F, op)	247,170	WS6K	19,448	SE5Z (SA5BCG, op)	166,005
AC2RL	35,834	OH6ECM	231,268	KC5CMX	17,388	UR5WCQ	153,765
NC4MI	29,711	UA3BL	230,594	KU4FX	10,296	DL1MHJ	150,766
W9KVR	25,500	ND4Y	203,010	VE3JSO	8,382	HI8JSG	137,016
Phone Only, QRP				Phone Only, QRP			
WBØIWG	10,179	H2X (5B4ALX, op)	360,927			IZØFUW	32,785
N4ZAK	992	HA5NB	103,149			PC2F	13,370
KK7VL	572	SV3AUW	53,603			UT3UEZ	96
KDØFZT	119	SP4LVK	49,742			PR7KSA	5
VA3MYC	81	HB9EGA	44,800			PY4WJ	3
		DL6MDG	22,304				
		9A4OP	22,102				
		SQ9NJE	21,672				
		UR7TV	20,898				
		PAØAWH	16,170				
CW Only, High Power				CW Only, High Power			
K1KI	1,862,144	RG6G	2,884,264	K1MK (@K1TTT)	1,260,791	UA4W	2,946,607
W1KM	1,851,480	UW1M	2,536,500	K9NW	1,181,628	SN7Q (SP7GIQ, op)	2,639,214
K5GN	1,823,100	R3ZZ	2,354,354	N5XZ	1,177,854	RT9A	2,429,049
W9RE	1,617,603	S57K	1,874,459	N5ZO	1,111,320	R8TT	2,004,935
N1UR	1,506,540	K1KI	1,862,144	AD5A	921,171	EA5WU	1,980,084
KØRF (WØUA, op)	1,395,435	S53A	1,860,480	VE3CX	862,662	RT9S	1,920,980
W7RN (N6TV, op)	1,231,020	W1KM	1,851,480	K5CM (W5CW, op)	805,194	HG5D (HA8QZ, op)	1,811,334

N3BB	1,210,320	IO2X (IK2NCJ, op)	1,841,964	W4NZ	796,314	LY6A	1,695,240
WXØB (AD5Q, op)	1,192,374	K5GN	1,823,100	N8BJQ	780,672	RL5A	1,681,719
N4AF	1,162,614	W9RE	1,617,603	K3WW	775,047	UA6CC	1,638,864
CW Only, Low Power				CW Only, Low Power			
K7SV	680,504	R8WF	1,280,480	K3IE	471,844	UT4LW	1,376,307
W6YX (N7MH, op)	595,773	UT5EO	1,259,008	W3KB	364,802	OL5Y	1,298,885
W1NN	441,066	LY5R	1,224,258	WA1FCN	358,111	UX7IW	1,080,576
W1QK	371,200	RX9AF	910,115	NM5M	250,710	SN7O (SP7IVO, op)	1,009,388
VE3XB	357,240	9A3B (9A2VR, op)	743,706	K4FXN	247,340	R7MM	943,040
WI2E	330,296	UX1UX	697,292	VE3MGY	247,086	R3QA	844,987
AE5GT	327,726	LZ1GU	696,264	K6WSC	231,568	S56A	668,943
VE1ANU	199,320	WP3CW	689,832	VE3YT	158,517	RA3AN	561,132
VA3SB	185,606	K7SV	680,504	AB9YC	154,305	OM7LW	551,551
KC7V	181,569	OK7Y (OK1FDY, op)	669,552	K2XR	127,182	UV7V (UX1VT, op)	541,148
CW Only, QRP				CW Only, QRP			
W7YAQ	163,737	W7YAQ	163,737	K2AL	33,672	OK2FD	495,194
K8CN	147,578	UR5FEO	162,024			EA3KX	190,629
K3TW	61,281	K8CN	147,578			SMØLPO	167,551
KEØTT	25,917	RW9RN	145,238			UT3EK	148,668
NØLY	14,910	HG3C (HA3HX, op)	129,362			LZ8U	137,472
W8PEN	14,689	S53AR	116,654			DJ2RG	124,726
KI4FW	10,842	DL8TG	79,704			9A8CV (S53V, op)	117,810
K2YG	10,800	US5VX	79,344			RA3DJA	54,160
WBØSND	8,646	9A/DM5JBN (DM5JBN, op)	74,046			UA7G	51,944
N3CZ	7,326	LZ1IA	73,530			DM2DZM	45,778

Multioperator, Single Transmitter, High Power							
K5TR	2,056,600	EF8R	10,493,648				
KD4D	1,976,260	RM9A	5,589,410				
N4WW	1,549,548	CN3A	5,064,336				
N1MM	1,379,252	IR4X	4,217,927				
K8AZ	1,280,201	RU1A	3,840,943				
VE9CB	1,267,968	SN2B	3,261,540				
NV9L	1,211,504	5B4ES	3,040,128				
WW4LL	1,150,720	RM5A	2,913,570				
VE2BWL	1,052,352	HG7T	2,607,500				
K2R	912,088	HG6N	2,502,328				

Regional Leaders

HP: Over 150W; LP: 150W or less; QRP: 5W or less; SO: Single-operator

West Coast Region		Midwest Region		Central Region		Southeast Region		Northeast Region	
Pacific, Northwestern, and Southwestern ARRL Divisions; Alberta; British Columbia, and NT RAC Sections		Dakota, Midwest, Rocky Mountain and West Gulf ARRL Divisions; Manitoba and Saskatchewan RAC Sections		Central and Great Lakes ARRL Divisions; Greater Toronto Area, Ontario East, Ontario North, and Ontario South RAC Section		Delta, Roanoke, and Southeastern ARRL Divisions		New England, Hudson and Atlantic ARRL Divisions; Maritime and Quebec RAC Sections	
Call	Score	Call	Score	Call	Score	Call	Score	Call	Score
Single-Op Mixed HP		Single-Op Mixed HP		Single-Op Mixed HP		Single-Op Mixed HP		Single-Op Mixed HP	
W6TK	548,548	KØOU	264,402	VE3EJ	2,206,170	K4AB	1,147,562	N5DX	2,164,995
K6NR	311,916	W5XD	41,400	CG3AT		K4BAI	1,000,236	VA2EW	1,653,812
NN6DX				(VE3AT, op)	2,120,000				
(W1PR, op)	104,857	NUØW	8,471	NS8O	11,340	N4NO	283,680	VA2QR	84,130
K6SRZ	26,120	AA5VU	3,861	N9LYE	9,180	WA4JUK	247,520	K3MD	54,531
K7ABV	21,216					K4PV	63,882	KM2L	51,200
Single-Op Mixed LP		Single-Op Mixed LP		Single-Op Mixed LP		Single-Op Mixed LP		Single-Op Mixed LP	
KI6RRN	475,416	K3PA	596,502	WØZP	177,165	N8II	413,850	N2EM	87,971
N7VM	301,920	KØAD	438,235	VE3CV	103,847	N4CF	68,377	K3KU	53,520
WN6K	105,768	AF5CC	74,260	WB9HFK	59,760	K5XU	62,988	AB1J	34,090
W6RKC	21,112	KØKR	51,480	W8ASA	16,983	KB5EZ	8,280	K3HW	20,400
N6AJS	21,056	WØYJT	37,062	W9VQ	15,480	NT4Z	6,992	N1XF	18,681
Single-Op Mixed QRP		Single-Op Mixed QRP		Single-Op Mixed QRP		Single-Op Mixed QRP		Single-Op Mixed QRP	
K2GMY	20,776	ADØBI	7,410	N9EP	42,876				
		WB9QAF	928						
Single-Op Phone HP		Single-Op Phone HP		Single-Op Phone HP		Single-Op Phone HP		Single-Op Phone HP	
NR6Q	329,868	K9MWM	45,527	VA3ZNQ	43,520	K3ZJ	437,745	KU2M	231,993
KD7RF	134,541	N5KWD	30,495	AA8DC	34,800	N4MM	107,435	4U1WB	
KD7VIK	12,742	AK5DX	20,536	VE3HED	29,054	KC3D	92,400	(AJ3M, op)	51,600
AI6LY	12,408	N5GI	15,950	WB9ONU	25,146	NT4MM	38,151	K2RYD	35,322
AG6AY	9,114	WE6EZ	14,750	VA3TIC	19,360	AB4GG	34,452	AI1W	6,419
Single-Op Phone LP		Single-Op Phone LP		Single-Op Phone LP		Single-Op Phone LP		Single-Op Phone LP	
KE8FT	13,680	K5DHY	71,706	ND4Y	203,010	N2ESP	55,826	VE1WOW	65,520
K7XE	10,340	N7MZW	23,496	VA3TPS	63,492	WA4JA	40,650	VE2HIT	36,176
VE6ISH	8,960	W7KAM	12,997	W9KVR	25,500	NC4MI	29,711	AC2RL	35,834

WZ6ZZ	8,268
N7FLT	6,435
Single-Op Phone QRP	
KK7VL	572
Single-Op CW HP	
W7RN	
(N6TV, op)	1,231,020
WJ9B	875,726
K6NA	738,944
N6AA	731,860
N6MA	322,391
Single-Op CW LP	
W6YX	
(N7MH, op)	595,773
KC7V	181,569
K7QA	151,600
N6PN	104,500
N6MU	81,984
Single-Op CW QRP	
W7YAQ	163,737
W6MZ	3,740
N7VS	708
SO Unlimited Mixed HP	
K7RL	1,274,386
N9NA	238,434
KA3DRR	
(@W6SL)	108,744
NK6A	31,842
KM6I	29,256

NW5Q	11,111
NØEMU	7,524
Single-Op Phone QRP	
WBØIWG	10,179
KDØFZT	119
Single-Op CW HP	
K5GN	1,823,100
KØRF	
(WØUA, op)	1,395,435
N3BB	1,210,320
WXØB	
(AD5Q, op)	1,192,374
N2IC	1,074,576
Single-Op CW LP	
AE5GT	327,726
W8FN	101,556
KØIO	77,200
N5AW	59,808
AEØEE	53,108
Single-Op CW QRP	
KEØTT	25,917
NØLY	14,910
SO Unlimited Mixed HP	
KØKX	365,160
N5JR	201,188
KEØUI	147,242
KØBJ	88,572
K7UT	87,067

N8PPF	24,288
VA3GD	21,360
Single-Op Phone QRP	
VA3MYC	81
Single-Op CW HP	
W9RE	1,617,603
NA8V	960,192
VE3KP	231,678
WI9WI	223,766
K8MP	211,545
Single-Op CW LP	
W1NN	441,066
VE3XB	357,240
VA3SB	185,606
VE3IAE	129,574
VA3EC	86,760
Single-Op CW QRP	
W8PEN	14,689
VE3IGJ	5,000
W8DXU	741
SO Unlimited Mixed HP	
K9OM	764,478
W9PA	457,491
VE3RZ	272,426
WT2P	199,520
ND9G	87,936

KF4EKA	19,406
WA4IPU	16,430
Single-Op Phone QRP	
N4ZAK	992
Single-Op CW HP	
N4AF	1,162,614
KØEJ	1,020,376
KZ5D	946,332
KU8E	438,403
K3JT	374,712
Single-Op CW LP	
K7SV	680,504
W4YE	110,992
N3GD	86,950
N4HA	69,054
K2PS	68,619
Single-Op CW QRP	
K3TW	61,281
KI4FW	10,842
WBØSND	8,646
N3CZ	7,326
W4QO	4,186
SO Unlimited Mixed HP	
N8OO	1,773,392
WO4O	948,073
NF4A	300,800
AD8J	247,247
N4IQ	111,280

W2/AH2O	19,159
NT2I	17,680
Single-Op Phone QRP	
Single-Op CW HP	
K1KI	1,862,144
W1KM	1,851,480
N1UR	1,506,540
K3ZO	859,170
NA3D	486,403
Single-Op CW LP	
W1QK	371,200
W1ZE	330,296
VE1ANU	199,320
N2GA	164,256
N1QY	153,036
Single-Op CW QRP	
K8CN	147,578
K2YG	10,800
NV1W	936
N3SY	915
WA2NYY	793
SO Unlimited Mixed HP	
VA2WA	1,784,718
N3AD	1,471,632
W1GD	805,089
W1EBI	432,480
K2SG	330,992

SO Unlimited Mixed LP	
N6JNL	23,177
WM5F	248
SO Unlimited Mixed QRP	
KA7T	44,454
SO Unlimited Phone HP	
W7ZB	90,160
N7VF	78,584
N7GCO	52,332
K7FYI	26,174
KG7ASQ	23,790
SO Unlimited Phone LP	
VYØERC (VE3KTB, op)	28,567
WA7YXY	4,710
WØPAN	4,556
K7HKR	2,889
AI6JB	450
SO Unlimited CW HP	
N5ZO	1,111,320
W1UE	656,678
NA6O	345,984
VE7XF	318,696
WS7L	285,645
SO Unlimited CW LP	
K6WSC	231,568
KM6Z	104,580

SO Unlimited Mixed LP	
WGØM	37,874
WF5E	24,544
NA5J	19,305
K4UB	9,022
KE5LQ	8,307
SO Unlimited Mixed QRP	
SO Unlimited Phone HP	
N5HC	127,568
KDØN	2,054
NØDOW	1,476
KV5TX	510
SO Unlimited Phone LP	
AB5NX	36,520
ADØWX	4,250
WXØZ	2,244
W5TJS	273
SO Unlimited CW HP	
N5XZ	1,177,854
AD5A	921,171
K5CM	
(W5CW, op)	805,194
NØAV	572,050
WA7LNW	432,063
SO Unlimited CW LP	
NM5M	250,710
W5TM	103,881

SO Unlimited Mixed LP	
VA3DF	425,040
VE3PJ	180,926
VE3MV	139,095
K8GT	80,464
W9AV	73,416
SO Unlimited Mixed QRP	
K8ZT	2,090
SO Unlimited Phone HP	
N8BI	224,676
KC9QQ	81,090
AC8G	69,131
N8VY	19,665
VA3LR	11,186
SO Unlimited Phone LP	
WS6K	19,448
VE3JSO	8,382
N9VPV	8,080
VE3MZD	5,215
NR9K	3,850
SO Unlimited CW HP	
K9NW	1,181,628
VE3CX	862,662
N8BJQ	780,672
K9CT	725,985
KE4KY	413,472
SO Unlimited CW LP	
K4FXN	247,340
VE3MGY	247,086

SO Unlimited Mixed LP	
K5KG	656,766
N4WO	10,260
NT5I	6,250
KN8F	4,452
KT4OO	2,464
SO Unlimited Mixed QRP	
SO Unlimited Phone HP	
AB4EJ	145,635
K4SBZ	47,124
KØBBC	6,512
KM4HQE	96
SO Unlimited Phone LP	
WØPV	53,240
K4BBH	28,407
K4ELI	24,276
KC5CMX	17,388
KU4FX	10,296
SO Unlimited CW HP	
W4NZ	796,314
W4ML	
(W4MYA, op)	619,830
N6AR	434,920
K2SX	356,706
N3UA	317,232
SO Unlimited CW LP	
K3IE	471,844
WA1FCN	358,111

SO Unlimited Mixed LP	
W2NTV	51,678
W3FIZ	50,196
AD3Y	48,230
WA2MCR	40,508
AE1EZ	21,824
SO Unlimited Mixed QRP	
W3YI	
(W3YJ, op)	56,511
SO Unlimited Phone HP	
K6DTT	240,960
VY2/WS5K	99,876
N2MUN	41,210
VE2NTT	21,982
N3KBF	12,690
SO Unlimited Phone LP	
KA2KON	69,120
N3YPJ	5,920
N3TTT	520
N2NKX	465
SO Unlimited CW HP	
K1MK	
(@K1TTT)	1,260,791
K3WW	775,047
K5ZD	628,482
K3WJV	456,456
VE2FK	344,410
SO Unlimited CW LP	
W3KB	364,802
K2XR	127,182

K7TQ	37,455
K7JQ	32,535
K7BX	17,160
SO Unlimited CW QRP	
Multi-Single	
K7BTW	605,710
K7RI	435,956
NX6T	433,535
W7XQ	299,876
N6ZFO	193,612

AD1C	82,820
AAØAI	51,428
ADØFB	28,968
SO Unlimited CW QRP	
Multi-Single	
K5TR	2,056,600
W5FMH	812,875
KS5Z	251,199
KA8HDE	33,904

VE3YT	158,517
AB9YC	154,305
N9CK	78,795
SO Unlimited CW QRP	
Multi-Single	
K8AZ	1,280,201
NV9L	1,211,504
VE3UTT	652,326
VE3YAA	217,260
N8RB	1,824

NI7R	100,772
KK4XX	83,460
K2MK	62,331
SO Unlimited CW QRP	
Multi-Single	
N4WW	1,549,548
WW4LL	1,150,720
AD4ES	530,189
K4UN	43,350

W3FV	92,516
NZ3D	90,480
W3IDT	22,001
SO Unlimited CW QRP	
K2AL	33,672
Multi-Single	
KD4D	1,976,260
N1MM	1,379,252
VE9CB	1,267,968
VE2BWL	1,052,352
K2R	912,088