

# 2017 ARRL International DX Contest — Phone

**Participants in this contest got in the game on a competitive level, even from average-sized stations.**

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Of all the call signs participating in the 2017 ARRL International DX Phone Contest, perhaps none was as touching as KL7RA, a club station in Alaska honoring the memory of its longtime owner, Rich, who passed away in 2015. The resurrection of a legendary station was just one example of the varied efforts to operate in a contest where many stations were beset by solar storms and, for some, winter storms.

There were high- and low-power duels between Caribbean DXpeditions, the rise of a third challenger in the Multioperator, Multitransmitter shootout between K3LR and W3LPL, as well as many notable Single-Operator efforts from stations around the world.

## Challenging Locations

Regardless of category, there are lots of stations around the US, as well as US-based DX in Alaska and abroad, worthy of note. Let's look at a few Multioperator efforts from some unique locations.

Team N6WM activated N6RO/Radio Oakley in northern California. Conditions were not the best, with the effects of both solar and winter storms adding to the west coast DX contesting experience, which is always challenging. In Alaska, KL7RA did their best, with some admirable results to honor the station's namesake. Both stations

## Full Results Online

You can read the full results of the contest online at [www.arrl.org/contest-results-articles](http://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.

## Sponsored Plaque Winners

Plaque Category	Plaque Sponsor	Winner
<b>CW</b>		
W/VE Single Operator, High Power CW	Frankford Radio Club	K3CR (LZ4AX, op)
W/VE Single Operator, Low Power CW	Ed Sawyer, N1UR	N8II
W/VE Single Operator, QRP CW	Bill Parker, W8QZA	N11X
W/VE Single Operator Unlimited, High Power CW	Harold Ritchey, W3WPG, Memorial	K11G
W/VE Multioperator, Single Transmitter, High Power CW	The CW Operators' Club	N4WW
W/VE Multioperator, Two Transmitter CW	The CW Operators' Club	W2FU
W/VE Multioperator, Unlimited Transmitter CW	Drew Vonada-Smith, K3PA	W3LPL
W/VE 1.8 MHz CW	Jerry Rosalius, WB9Z	K7GM
W/VE 3.5 MHz CW	The CW Operators' Club	K4ZW
W/VE 7 MHz CW	Drew Vonada-Smith, K3PA	K1ZM
W/VE 14 MHz CW	The CW Operators' Club	KU2M
W/VE 21 MHz CW	Carl Luetzelschwab, K9LA	K4OAK
W/VE 28 MHz CW	Richard Hassell-Bennett, K0XG	K4WI
Canada Single Operator, Low Power CW	Contest Club Ontario	VE3VN
World Single Operator, High Power CW	North Jersey DX Association	8P5A
World Single Operator, Low Power CW	The CW Operators' Club	ZF9CW
World Single Operator, QRP CW	Gerald (Jerry) Griffin, K6MD/DK6MX	HB9BMY
World Single Operator, Unlimited, High Power CW	The CW Operators' Club	D4C (YL2KL, op)
World Single Operator, Unlimited, Low Power CW	The CW Operators' Club	P40W (W2GD, op)
World Multioperator, Unlimited CW	H. Stephen Miller, N0SM	PJ4X
World Multioperator, Single Transmitter, High Power CW	John Patterson, WC0W/V31TP	ZF1A
World Multioperator, Single Transmitter, Low Power CW	John Patterson, WC0W/V31TP	V3T
World Multioperator, Two Transmitters CW	Frankford Radio Club — K2TD Memorial	P40R
World 1.8 MHz CW	Fred Race, W8FR, Memorial — Contest Branch	XE2X
World 3.5 MHz CW	W1FJ, In Memory of W1BIH & N4XR	4M1K
World 7 MHz CW	The CW Operators' Club	TM6M (F1AKK, op)
World 21 MHz CW	Caribbean Contesting Consortium, PJ2T	TO1A
North America Single Operator, High Power CW	Potomac Valley Radio Club	8P5A
North America Single Operator, Low Power CW	Fred Hoffer, NA2U	ZF9CW
Central Division Single Operator, High Power CW	Northern Illinois DX Association	N4TZ
Central Division Single Operator, Low Power CW	Society of Midwest Contesters	K9QVB
Central Division Single Operator Unlimited, High Power CW	Society of Midwest Contesters	WB9Z
Central Division Single Operator Unlimited, Low Power CW	Society of Midwest Contesters	W9XT
Central Division Multioperator, Single Transmitter CW	The CW Operators' Club	WD9EXD
Pacific Division Single Operator, Low Power CW	Central California DX Club, Inc. W6MEL	K7ACZ
Asia Multioperator Single Transmitter, High Power CW	Yankee Clipper Contest Club	JA0QNJ
Caribbean Single Operator, Low Power CW	Frankford Radio Club — 9Y4VU Memorial	ZF9CW
Europe Multioperator Unlimited CW	Charles Wooten, NF4A	9A1A
<b>Phone</b>		
W/VE Single Operator, High Power Phone	Frankford Radio Club	VY2ZM (K1ZM, op)
W/VE Single Operator, Low Power Phone	Ed Sawyer, N1UR	N8II
W/VE Single Operator, QRP Phone	Jeffrey Briggs, K1ZM	N2RRA
W/VE Single Operator Unlimited, High Power Phone	Pete Carter, K3VW, Memorial	KO2WW (DL1MGB, op)
W/VE Multioperator, Two Transmitter Phone	Barn Stormers Contest Group, In Memory of Dick Pechie, KB1H	W4RM
W/VE 3.5 MHz Phone	Jeffrey Briggs, VY2ZM	W3BGN
W/VE 7 MHz Phone	Charles Wooten, NF4A	W7WA
W/VE 21 MHz Phone	Northern Illinois DX Association	KU2M
USA Single Operator, High Power Phone	Ed Sawyer, N1UR	W2RE
Canada Single Operator, Low Power Phone	Contest Club Ontario	VE2HIT
World Single Operator, High Power Phone	North Jersey DX Association	8P5A (W2SC, op)
World Single Operator, Low Power Phone	Arizona Outlaws Contest Club	VP2MMF
World Single Operator, QRP Phone	Bill Parker, W8QZA	F5BEG
World Single Operator Unlimited, High Power Phone	Charles Dietz, W5PR	V26M (N3AD, op)
World 1.8 MHz Phone	Fred Race, W8FR, Memorial — Contest Branch	NP2J
World 14 MHz Phone	Don Wallace, W6AM, Memorial Award	CR5C (OK4PA, op)
Central Division Single Operator, High Power Phone	Society of Midwest Contesters	W9RE
Central Division Single Operator, Low Power Phone	Society of Midwest Contesters	KD9MS
Central Division Single Operator Unlimited, High Power Phone	Society of Midwest Contesters	AA9A (N9UA, op)
Central Division Single Operator Unlimited, Low Power Phone	Society of Midwest Contesters	W9AV
Southeastern Division Single Operator, Low Power Phone	Charles Wooten, NF4A	WB4TDH
Asia Multioperator Single Transmitter, High Power Phone	Yankee Clipper Contest Club	JA8RWU
Oceania Single Operator, High Power Phone	Albert Crespo, F5VHJ — In Memory of Carl Cook, AI6V	KH7M (NA2U, op)

# Top Ten

## W/VE

### Single Operator, High Power

VY2ZM (K1ZM, op)	3,281,490
W2RE	2,752,200
N1UR	2,495,325
CG3AT (VE3AT, op)	2,187,216
N5DX	2,170,806
AA1K	2,058,210
W9RE	1,784,592
VY2TT	1,618,740
K4AB	1,591,605
NR5M	1,436,292

### Single Operator, Low Power

N8II	465,450
WN6K	352,440
KD9MS	322,608
K8PGJ	247,776
K5FUV	239,514
N5JR	227,664
N1CC	222,678
N6RV	221,823
KQ4LA	213,072
K3SU	212,520

### Single Operator, QRP

N2RRA	79,296
W6QU (W8QZA, op)	57,960
W9RF	48,114
ND0C	45,504
KC1EDE	34,611
KJ5MA	27,018
N4ZAK	22,035
W1TEF	20,904
KA8SMA	14,520
N3UR	11,610

### Single Operator Unlimited, High Power

KO2WW (DL1MGB, op)	2,597,760
NC1I (K9PW, op)	2,413,125
K3WWW	2,222,640
N3RS	2,167,272
AA3B	2,048,424
N1RR	2,019,816
K5TR	1,945,944
W1NT	1,811,655
W1GD	1,413,756
N2MM	1,338,843

### Single Operator Unlimited, Low Power

VA3DF	849,300
W3KB	497,310
N2SQW	441,969
KT4ZB	429,624
W4ZAO	371,580
KE2D	301,494
NK3Y	299,904
K8LY	298,656
AA0AI	295,218
VE3PJ	290,160

### Single Operator Unlimited, QRP

W4QO	52,545
N9NBC	4,095
K8ZT	1,080
N3JIX	330
K2GMY	75

### Single Operator, 160 Meters

W2MF	8,385
AG4W	4,092
W8ALP	3,984
K2FF	3,780
WB4WXE	3,528
W2VO	3,360
K4WDR	3,360
W3TS	765
KK1W	147
W8CO	108

### Single Operator, 80 Meters

W3BGN	49,104
W3LL	38,613
K5RX	38,502
W1XX	37,932
KK6ZM	26,019
VE3PN	25,515
W4QNW	21,594
AA9LC	8,733
WB6RAB	7,869
K9IDQ	6,318

### Single Operator, 40 Meters

W7WA	215,250
WD0BGZ	41,208
N4IJ	24,339
WA2AOG	21,771
K8DJC	20,790
WF2W	19,635
K4BNC	15,288
K3SV	14,700
K4SXT	12,600
KG4UVU	12,324

### Single Operator, 20 Meters

VE3DZ	380,706
K9BGL	217,140
WA8RCN	125,460
KM4HI	77,478
W1AVK	77,256
N1TGR	54,366
W8TWA	50,388
W4SLT	39,744
W7RN (K5RC, op)	37,758
K5QR	37,386

### Single Operator, 15 Meters

KU2M	72,450
K0EJ	61,110
K2SSS	59,430
N2PP	47,340
K1EP	26,394
K9LA	19,992
NN1N	18,207
N5KDA	15,795
N0OK	15,240
N2GM	14,640

### Single Operator, 10 Meters

W5PR	24,459
N4TB	6,099
N4TZ	5,037
W2RR (WA2AOG, op)	4,680
W5RCG	2,496
K4WI	2,223
K3SWZ	1,938
KD9GKL	1,386
WB2AMU	1,110
N3RW	891

### Multioperator, Single Transmitter, High Power

K3ZU	1,907,895
W2PV	1,746,396
WW4LL	1,471,041
NV9L	1,449,960
K5KG	1,345,578
W2IRT	1,318,464
W3MF	1,158,456
K3MD	964,953
VE2BWL	893,430
NE2V	655,011

### Multioperator, Single Transmitter, Low Power

N1BA	892,782
W3ZGD	308,448
WK1DS	210,936
WD9EXD	76,818
K2AA	74,592
KD7RCJ	59,637
N8YXR	54,720
WA1F	51,600
W3WN	38,220
W8BAP	18,894

### Multioperator, Two Transmitter

W4RM	2,621,538
N1MM	2,601,450
K8AZ	2,412,018
K9CT	2,351,820
W6WB	2,071,260
W2CG	1,419,579
WA3EKL	1,268,061
WB2P	1,072,335
N4SVC	877,485
NX6T	792,792

### Multioperator, Multitransmitter

K3LR	6,229,296
W3LPL	5,612,922
WE3C	5,338,455
N1TA	3,680,400
N6WM	1,664,826
NE3F	1,337,655
W0AIH	1,265,451
K1KP	1,220,934
W1CSM	904,332
N5AA	418,608

## Dx

### Single Operator, High Power

8P5A (W2SC, op)	8,929,062
ZF2MJ (N6MJ, op)	8,596,896
P49Y (AE6Y, op)	7,737,147
TI5W (M0DXR, op)	7,657,488
KP2M	5,472,912
NP2P (N2TTA, op)	4,248,192
TO5A	4,076,886
KH7M (NA2U, op)	3,230,304
TI2CC	3,062,241
EA8BH (OH2BH, op)	2,783,709

### Single Operator, Low Power

VP2MMF	5,240,004
KP3Z (NP4Z, op)	4,627,875
VP9/W6PH	3,732,624
V3A (V31MA, op)	1,523,574
PY2NY	974,025
CO8ZZ	922,869
PJ7AA	544,374
CE7VPQ	494,109
LO7H (LU7HW, op)	459,498
XE1CT	411,264

### Single Operator, QRP

F5BEG	45,675
PY2BN	35,322
JH4UYB	29,469
EA3KX	10,530
JR4DAH	6,912
JH1APZ	5,700
JH1OGC	5,325
LU4VZ	2,046
JK1TCV	1,935
NH6AB	1,209

### Single Operator Unlimited, High Power

V26M (N3AD, op)	5,675,112
P40P (W5AJ, op)	3,292,956
ZZ2T (PY2MNL, op)	2,206,386
WP4SK	1,907,319
OM3GI	1,305,480
E70T	1,105,896
8P9AL (KG9N, op)	909,030
EF6T (EA3AIR, op)	907,866
CE1DY	885,336
EA1DR	839,982

### Single Operator Unlimited, Low Power

HI3T	1,868,568
YV6YV	785,148
8P0A	676,776
TI7/K0BBC	550,050
9Z4Y	417,744
HI8JSG	340,308
ED7R (EA7GX, op)	325,380
PY1GQ	319,509
PY1ZV	317,142
PY2TKB	306,933

### Single Operator Unlimited, QRP

VP5H	607,725
OK2FD	18,126
CT1GVN	4,134
PY2ZA	510
PY4WJ	288
PE2K	12
PR7KSA	3

### Single Operator, 160 Meters

NP2J	86,268
DL2SAX	264
UT6UD	12

### Single Operator, 80 Meters

XE2X	226,206
YV2CAR	169,848
GM3PPG (G4BYB, op)	96,738
HK3JJH	86,346
HC2AO	78,000
CS2C (OK4PA, op)	61,776
CM2XN	57,036
S54ZZ	50,676
T32AZ	50,490
4M6CQ	43,692

### Single Operator, 40 Meters

EA8DO	279,384
LU5FC	146,508
OK1NP	116,928
US1I (UX2IO, op)	109,368
OM7M (IT9RGY, op)	95,616
EA3CI	91,977
JF8QNF	90,576
SN3A (SP3GEM, op)	77,556
HA8FM	74,580
TI1K (TI2CDA, op)	71,604

### Single Operator, 20 Meters

CR5C (OK4PA, op)	462,024
KH6LC (KH7BB, op)	399,312
ED7W (EA1FDI, op)	353,340
DR1D (DK3DM, op)	330,990
WP4I	312,936
9A2NA	306,000
CO6LC	304,326
IO4C (IZ4DPV, op)	302,778
KP4BD	293,289
IR6T (IK6JNH, op)	286,917

### Single Operator, 15 Meters

FY5KE (F1HAR, op)	595,980
ZX5J (PP5JR, op)	572,760
CX2DK	486,018
PX2B (PY2LED, op)	403,029
KP4RV	246,675
ZV2C (PY2CX, op)	208,860
PY2UD	180,090
CR6T (CT1ESV, op)	148,752
KP4JRS	131,058
A31MM (JA6WFM, op)	125,064

### Single Operator, 10 Meters

CV7S (CX7SS, op)	169,344
LW7DX	121,248
YV6CR	120,228
CE3GDR	85,698
LU8ADX	53,148
PU2SDX	50,193
PU2WDX	49,248
LU3MAM	37,080
LU9DDJ	30,414
PU2KQG	13,761

### Multioperator, Single Transmitter, High Power

6Y1LZ	7,460,586
PZ5K	5,739,030
TO3Z	4,139,586
PU6M	3,161,025
EI7M	2,787,876
CE3CT	2,671,056
CE3WW	1,442,070
IO5O	1,418,958
CQ8M	1,410,912
TM7X	1,056,078

### Multioperator, Single Transmitter, Low Power

NP4DX	4,178,625
ZW8T	1,924,740
ZV8P	1,137,051
WP3E	93,312
EA1AER	58,374
CO8TH	52,488
HK5VD	25,704
PR5A	18,537
J79XBI	15,750
IQ1ZC	4,698

### Multioperator, Two Transmitter

PJ4G	10,916,049
6Y4K	6,961,302
C6ANA	6,103,341
T15M	5,716,215
HI3K	5,527,128
PS2T	4,958,874
KH6J	4,233,006
ZV5O	2,849,280
HC0E	2,538,096
IK2TDM	966,450

### Multioperator, Multitransmitter

PJ2T	9,988,440
I19P	2,212,968
9A1A	2,202,810
KL7RA	1,159,380
JA3YBK	989,760
LZ9W	435,348
PY6AZ	126

## Continental Leaders

Continent	Call	Score	Continent	Call	Score
<b>Africa</b>			<b>North America</b>		
Single Operator, High Power	EA8BH (OH2BH, op)	2,782,395	Single Operator, High Power	8P5A (W2SC, op)	8,940,051
Single Operator, Low Power	EA8BQM	49,959	Single Operator, Low Power	VP2MMF	5,238,156
Single Operator Unlimited, High Power	EF8I (EA8TK, op)	60,444	Single Operator, QRP	HR2DX	720
Single Operator Unlimited, Low Power	CN8VO	127,764	Single Operator Unlimited, High Power	V26M (N3AD, op)	5,671,536
Single Operator, 40 Meters	EA8DO	279,552	Single Operator Unlimited, Low Power	WP2AA (KK9A, op)	3,195,225
Single Operator, 20 Meters	ED8W (EA1FDI, op)	353,520	Single Operator Unlimited, QRP	VP5H	606,615
Single Operator, 15 Meters	ZS6TVB	20,160	Single Operator, 160 Meters	NP2J	85,956
<b>Asia</b>			Single Operator, 80 Meters	XE2X	226,560
Single Operator, High Power	JH1EAQ	629,343	Single Operator, 40 Meters	T11K (TI2CDA, op)	71,604
Single Operator, Low Power	JA2ODB	221,877	Single Operator, 20 Meters	WP4I	312,759
Single Operator, QRP	JH4UYB	29,469	Single Operator, 15 Meters	KP4RV	246,675
Single Operator Unlimited, High Power	JR8VSE	327,267	Multioperator, Single Transmitter, High Power	6Y1LZ	7,468,848
Single Operator Unlimited, Low Power	JA1MZM	2,106	Multioperator, Single Transmitter, Low Power	NP4DX	4,180,275
Single Operator, 80 Meters	JH7XMO	9,900	Multioperator, Two Transmitter	6Y4K	6,954,318
Single Operator, 40 Meters	JF8QNF	90,576	Multioperator, Multitransmitter	KL7RA	1,159,380
Single Operator, 20 Meters	JM1FHL	41,760	<b>Oceania</b>		
Single Operator, 15 Meters	JA7QVI	4,242	Single Operator, High Power	KH7M (NA2U, op)	3,223,920
Multioperator, Single Transmitter, High Power	JA8RWU	214,455	Single Operator, Low Power	KH6CJJ	120,555
Multioperator, Single Transmitter, Low Power	TC4A	3,360	Single Operator, QRP	NH6AB	1,209
Multioperator, Multitransmitter	JA3YBK	989,760	Single Operator Unlimited, High Power	ZM4G (ZL2IBF, op)	577,128
<b>Europe</b>			Single Operator Unlimited, Low Power	ZL4YL	100,440
Single Operator, High Power	TM0T	2,395,602	Single Operator, 80 Meters	T32AZ	50,796
Single Operator, Low Power	F4FTA	107,586	Single Operator, 40 Meters	VK3JA	6,804
Single Operator, QRP	F5BEG	45,675	Single Operator, 20 Meters	KH6LC (KH7BB, op)	399,489
Single Operator Unlimited, High Power	OM3GI	1,305,996	Single Operator, 15 Meters	A31MM (JA6WFM, op)	124,740
Single Operator Unlimited, Low Power	ED7R (EA7GX, op)	325,050	Multioperator, Single Transmitter, Low Power	YE1R	108
Single Operator Unlimited, QRP	OK2FD	18,126	Multioperator, Two Transmitter	KH6J	4,229,910
Single Operator, 160 Meters	DL2SAX	264	<b>South America</b>		
Single Operator, 80 Meters	GM3PPG (G4BYB, op)	96,738	Single Operator, High Power	P49Y (AE6Y, op)	7,739,109
Single Operator, 40 Meters	OK1NP	116,640	Single Operator, Low Power	PY2NY	971,685
Single Operator, 20 Meters	CR5C (OK4PA, op)	461,838	Single Operator, QRP	PY2BN	35,322
Single Operator, 15 Meters	CR6T (CT1ESV, op)	148,752	Single Operator Unlimited, High Power	P40P (W5AJ, op)	3,293,829
Multioperator, Single Transmitter, High Power	TM6M	3,160,350	Single Operator Unlimited, Low Power	YV6YV	784,056
Multioperator, Single Transmitter, Low Power	EA1AER	58,167	Single Operator Unlimited, QRP	PY2ZA	510
Multioperator, Two Transmitter	IK2TDM	965,430	Single Operator, 80 Meters	YV2CAR	169,512
Multioperator, Multitransmitter	I19P	2,213,601	Single Operator, 40 Meters	FY5FY	438,606
			Single Operator, 20 Meters	HC1TCD	108,864
			Single Operator, 15 Meters	FY5KE (F1HAR, op)	597,060
			Single Operator, 10 Meters	CV7S (CX7SS, op)	168,903
			Multioperator, Single Transmitter, High Power	PZ5K	5,734,380
			Multioperator, Single Transmitter, Low Power	ZW8T	1,924,740
			Multioperator, Two Transmitter	PJ4G	10,906,119
			Multioperator, Multitransmitter	PJ2T	9,981,531

placed top in their challenging regions, and mid-pack overall. In the more temperate Hawaiian Islands, the KH6YY station (operating as KH6J) also had a group of great operators on the air.

Mark, WH7W, one of the operators at KH6J, said, "It really takes a near superhuman effort to keep a Multioperator, Multitransmitter station running and preparing for a contest. Other hams may think Hawaii is paradise, but the salt, sun, wind, and frequent showers wreak havoc on antennas, towers, switches, and coax." Dan, W0CN, another of the operators, said surgery was required to get the computers running, too.

As with N6RO and KL7RA, the crew at KH6J topped their local Multioperator, Two-Transmitter category, placing mid-pack overall. Often, the fun for these stations is found by competing either locally or regionally, because all share a lack of proximity to the multiplier-rich density of Europe that the east coast of the US enjoys.

### Race to the Top

Of note to the east coast Multiooperators, it looks as though this year's Multioperator,



When entering the driveway for KH6J (@KH6YY) near the northern shores of Oahu, it's clear that this station means business. [Dan Hausauer, W0CN, photo]

## Regional Leaders

Boxes list call sign, score, and class: M2 = Multioperator, Two Transmitter; MM = Multioperator, Multitransmitter; MSHP = Multioperator, Single Transmitter, High Power; MSLP = Multioperator, Single Transmitter, Low Power; SO-10 = Single Operator, 10 Meters; SO-15 = Single Operator, 15 Meters; SO-160 = Single Operator, 160 Meters; SO-20 = Single Operator, 20 Meters; SO-40 = Single Operator, 40 Meters; SO-80 = Single Operator, 80 Meters; SOHP = Single Operator, High Power; SOLP = Single Operator, Low Power; SOQRP = Single Operator, QRP; SOUHP = Single Operator Unlimited, High Power; SOULP = Single Operator Unlimited, Low Power, and SOUQRP = Single Operator Unlimited, 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)
K6XX 818,100 SOHP	NR5M 1,452,243 SOHP	CG3AT (VE3AT, op) 2,185,593 SOHP	K4AB 1,602,420 SOHP	W2RE 3,286,905 SOHP
K6NA 788,895 SOHP	N5AW 1,101,576 SOHP	W9RE 1,790,424 SOHP	K4BAI 414,672 SOHP	N1UR 2,509,824 SOHP
W6AFA 538,200 SOHP	WD5K 388,476 SOHP	W5MX 1,140,282 SOHP	W4KW 380,160 SOHP	N5DX 2,168,760 SOHP
W7YAQ 305,226 SOHP	AD5XD 361,956 SOHP	NA8V 714,879 SOHP	K4CGY 287,184 SOHP	AA1K 2,063,160 SOHP
N7ZG 245,388 SOHP	K5YAA 330,084 SOHP	N8CWU 483,840 SOHP	KA8Q 252,315 SOHP	
WN6K 353,430 SOLP	N5JR 228,780 SOLP	KD9MS 324,480 SOLP	N8II 466,734 SOLP	K3SU 212,058 SOLP
N6RV 222,264 SOLP	N1CC 224,814 SOLP	K8PGJ 249,378 SOLP	K5FUV 242,379 SOLP	WA2JQK 174,432 SOLP
N7IR 170,100 SOLP	N7WY 145,116 SOLP	N8GLS 193,545 SOLP	KQ4LA 214,176 SOLP	W2TF 166,320 SOLP
K7ACZ 147,678 SOLP	KE5LQ 91,569 SOLP	KB8UHN 133,518 SOLP	WB4TDH 211,140 SOLP	N2BEG 155,946 SOLP
WA6FGV 87,975 SOLP	W0ETT 90,768 SOLP	WT8E 91,371 SOLP	NZ5O 180,120 SOLP	W1JQ 111,672 SOLP
W6QU (W8QZA, op) 58,788 SOQRP	ND0C 46,560 SOQRP	W9RF 48,600 SOQRP	N4ZAK 22,968 SOQRP	N2RRA 81,396 SOQRP
VE6EX 1,344 SOQRP	KJ5MA 27,729 SOQRP	KA8SMA 14,685 SOQRP	W1TEF 21,306 SOQRP	KC1EDE 35,532 SOQRP
KX6X 810 SOQRP	WB0IWG 6,435 SOQRP	VA3MYC 5,856 SOQRP	K3TW 10,812 SOQRP	N3UR 11,745 SOQRP
KK7VL 216 SOQRP	K5TR 1,949,220 SOUHP	KT8K 216 SOQRP	AC2N 9,855 SOQRP	W2HCB 10,404 SOQRP
KF6ZYD 189 SOQRP	K0KX 707,115 SOUHP	AF9J 126 SOQRP	K2YGM 6,954 SOQRP	K2YGM 9,912 SOQRP
KA6BIM 863,940 SOUHP	K0CN 331,905 SOUHP	AA9A (N9UA, op) 1,248,201 SOUHP	K7BV 1,230,594 SOUHP	KO2WW (DL1MGB, op) 2,600,064 SOUHP
W6TK 596,160 SOUHP	VE4VT (VE4EAR, op) 321,750 SOUHP	WA3C 1,058,463 SOUHP	N4RV 1,149,120 SOUHP	NC1I (K9PW, op) 2,415,375 SOUHP
N6JV 564,408 SOUHP	K5ZO 306,180 SOUHP	W8MJ 1,003,119 SOUHP	W4ML (W4MYA, op) 1,051,365 SOUHP	K3WWW 2,220,480 SOUHP
VE7NY 311,664 SOUHP	AA0AI 295,218 SOULP	N8BI 733,080 SOUHP	W4MM0LID 990,930 SOUHP	N3RS 2,167,272 SOUHP
W1SRD 236,652 SOUHP	K5KJ 197,736 SOULP	VE3CX 704,808 SOUHP	K5EK 934,800 SOUHP	AA3B 2,049,492 SOUHP
K6GHA 238,350 SOULP	K5LJ 109,926 SOULP	VA3DF 852,876 SOULP	KT4ZB 428,220 SOULP	W3KB 498,762 SOULP
KG7GYI 115,830 SOULP	WA5LFD 101,655 SOULP	K8LY 298,656 SOULP	W4ZAO 370,260 SOULP	N2SQW 443,331 SOULP
VA7BEC 91,692 SOULP	KI0J 81,780 SOULP	VE3PJ 292,809 SOULP	K9OM 281,718 SOULP	KE2D 304,110 SOULP
VE6TN 83,490 SOULP	K5RX 38,709 SO-80	N8VV 136,224 SOULP	W4EE 200,592 SOULP	NK3Y 302,016 SOULP
N7FLT 50,232 SOULP	AA5B 2,691 SO-80	W9AV 133,023 SOULP	AD8J 170,016 SOULP	VA2CZ 245,214 SOULP
K2GMY 75 SOUQRP	WD0BGZ 41,004 SO-40	N9NBC 4,095 SOUQRP	W4QO 52,545 SOUQRP	N3JIX 330 SOUQRP
KK6ZM 26,166 SO-80	N4IJ 24,522 SO-40	K8ZT 1,080 SOUQRP	AG4W 4,185 SO-160	W2MF 8,514 SO-160
WA2BFW 4,992 SO-80	N5RMS 2,304 SO-40	W8ALP 3,984 SO-160	K2FF 3,870 SO-160	W2VO 3,444 SO-160
W7WA 215,496 SO-40	K0SRL 1,026 SO-40	W8CO 108 SO-160	WB4WXE 3,528 SO-160	W3TS 810 SO-160
WA7NWL 6,732 SO-40	W9BNO 810 SO-40	VE3PN 25,704 SO-80	K4WDR 1,200 SO-160	KK1W 147 SO-160
A16Z 5,487 SO-40	K5QR 37,572 SO-20	AA9LC 8,856 SO-80	W4AV 3 SO-160	W3BGN 49,302 SO-80
NG7A 4,860 SO-40	K5YM 30,798 SO-20	K9IDQ 6,435 SO-80	W4QNW 21,771 SO-80	W3LL 38,247 SO-80
AE7VA 3,432 SO-40	AD0H 21,870 SO-20	WI9H 4,092 SO-80	WB6RAB 7,869 SO-80	W1XX 37,932 SO-80
W7RN (K5RC, op) 37,758 SO-20	K5TXT 15,456 SO-20	K8DJC 20,955 SO-40	K3SV 14,847 SO-40	K4JLD 5,217 SO-80
N6CCL 20,163 SO-20	KF5ZDQ 11,481 SO-20	K9VYX 504 SO-40	K4SXT 12,750 SO-40	VE9ML 2,592 SO-80
K7ABV 18,513 SO-20	N0OK 15,360 SO-15	KC9YL 3 SO-40	KG4UVU 12,324 SO-40	WA2AOG 21,948 SO-40
KI7DG 9,225 SO-20	WN0L 3,780 SO-15	VE3DZ 381,027 SO-20	W4NZ 4,608 SO-40	WF2W 19,800 SO-40
WB7FJG 3,657 SO-20	NZ5M 1,299 SO-15	K9BGL 217,422 SO-20	K4FTP 2,673 SO-40	K4BNC 15,444 SO-40
N2NS 14,274 SO-15	N5XE 960 SO-15	WA8RCN 127,239 SO-20	KM4HI 77,478 SO-20	K2HIX 330 SO-40
AA7V 12,408 SO-15	KE4KE 27 SO-15	N9TGR 54,366 SO-20	W4SLT 39,951 SO-20	K2BLV 270 SO-40
W7UPF 12,000 SO-15	W5PR 24,552 SO-10	W8TWA 50,592 SO-20	KK4RT 9,180 SO-20	W1AVK 77,034 SO-20
KK7YC 9,450 SO-15	K7ULS 3 SO-10	K9LA 20,433 SO-15	K3YEO 3,780 SO-20	VE1SQ 20,445 SO-20
K7XE 8,964 SO-15	N0MA 398,871 MSHP	W4LID 5,115 SO-15	WA4BUO 3,588 SO-20	N1DC 19,968 SO-20
N6SS 210 SO-10	W0FRC 61,464 MSHP	KC4WQ 3,675 SO-15	K0EJ 61,320 SO-15	AA3TT 14,061 SO-20
N6AA 453,288 MSHP	KB5ENP 6,696 MSLP	WO9S 924 SO-15	N5KDA 15,930 SO-15	K1MC 12,690 SO-20
W7RM 382,956 MSHP	K0UH 1,914 MSLP	N4TZ 5,037 SO-10	W4BQK 1,094 SO-15	KU2M 72,657 SO-15
K7ZS 341,532 MSHP	K7GMX 168 MSLP	KD9GKL 1,386 SO-10	W6DVS 924 SO-15	K2SSS 59,640 SO-15
W7TV 217,800 MSHP	W5RRR 81,420 M2	N9BMV 41 SO-10	N4TB 6,099 SO-10	N2PP 47,520 SO-15
W6KA 30,375 MSHP	N5AA 418,608 MM	AK3Q 12 SO-10	W5RCG 2,496 SO-10	K1EP 26,553 SO-15
KD7RCJ 60,840 MSLP		NV9L 1,452,024 MSHP	K4WI 2,280 SO-10	NN1N 18,207 SO-15
VY0ERC 14,859 MSLP		W8PR 627,846 MSHP	NN4X 378 SO-10	WA2AOG 4,680 SO-10
CG6AO 6,318 MSLP		N9SJ 169,344 MSHP	WW4LL 1,463,700 MSHP	K3SWZ 1,995 SO-10
W6WB 2,073,126 M2		WD9EXD 78,234 MSLP	K5KG 1,346,592 MSHP	WB2AMU 1,110 SO-10
NX6T 794,178 M2		N8YXR 55,296 MSLP	K5UA 204,984 MSHP	N3RW 891 SO-10
K7JR 359,601 M2		W8BAP 19,296 MSLP	WK1DS 212,064 MSLP	K3ZU 1,906,872 MSHP
VE6FI 117,348 M2		N8RB 3,534 MSLP	WA1F 51,600 MSLP	W2PV 1,754,550 MSHP
N6WM 1,672,272 MM		K8AZ 2,414,286 M2	W4RM 2,621,538 M2	W2IRT 1,322,388 MSHP
		K9CT 2,351,820 M2	N4SVC 878,400 M2	W3MF 1,164,144 MSHP
		N0IJ 620,844 M2	W5GAD 138,600 M2	K3MD 974,460 MSHP
		WC8VOA 60,030 M2	W4GZX 94,872 M2	N1BA 891,000 MSLP
		W8AJT 56,772 M2		W3ZGD 310,392 MSLP
		W0AIH 1,270,188 MM		K2AA 74,928 MSLP
				W3WN 38,493 MSLP
				W2GSB 16,380 MSLP
				N1MM 2,600,343 M2
				W2CG 1,419,579 M2
				WA3EKL 1,268,061 M2
				WB2P 1,079,748 M2
				N2GZ 571,350 M2
				K3LR 6,229,296 MM
				W3LPL 5,615,796 MM
				WE3C 5,352,480 MM
				N1TA 3,681,600 MM
				NE3F 1,343,664 MM

## Division Winners

### Single Operator, High Power

Atlantic	AA1K	2,063,160
Central	W9RE	1,790,424
Dakota	K0JJR	84,216
Delta	W4KW	380,160
Great Lakes	W5MX	1,140,282
Hudson	N5DX	2,168,760
Midwest	N7BD	321,564
New England	W2RE	2,755,170
Northwestern	W7YAQ	305,226
Pacific	K6XX	818,100
Roanoke	K4CGY	287,184
Rocky Mountain	NC0B	120,498
Southeastern	K4AB	1,602,420
Southwestern	K6NA	788,895
West Gulf	NR5M	1,452,243
Canada	VY2ZM (K1ZM, op)	3,286,905

### Single Operator, Low Power

Atlantic	K3SU	212,058
Central	KD9MS	324,480
Dakota	NG0C	81,039
Delta	K5FUV	242,379
Great Lakes	K8PGJ	249,378
Hudson	WA2JQK	174,432
Midwest	N7WY	145,116
New England	W1JQ	111,672
Northwestern	AA7UN	74,970
Pacific	K7ACZ	147,678
Roanoke	N8II	466,734
Rocky Mountain	W0ETT	90,768
Southeastern	WB4TDH	211,140
Southwestern	WN6K	353,430
West Gulf	N5JR	228,780
Canada	VE2HIT	90,972

### Single Operator, QRP

Atlantic	N3UR	11,745
Central	W9RF	48,600
Dakota	ND0C	46,560
Delta	WB4GHZ	3,999
Great Lakes	KA8SMA	14,685
Hudson	N2RRA	81,396
New England	KC1EDE	35,532
Northwestern	KK7VL	216
Pacific	KF6ZYD	189
Roanoke	N4ZAK	22,968
Southeastern	K3TW	10,812
Southwestern	W6QU (W8QZA, op)	58,788
West Gulf	KJ5MA	27,729
Canada	VA3MYC	5,856

### Single Operator Unlimited, High Power

Atlantic	K3WW	2,220,480
Central	AA9A (N9UA, op)	1,248,201
Dakota	K0KX	707,115
Delta	K3IE	291,648
Great Lakes	WA3C	1,058,463
Hudson	N2WKS	1,189,953
Midwest	K3PA	229,866
New England	KO2WW (DL1MGB, op)	2,600,064
Northwestern	KA6BIM	863,940
Pacific	N6JV	564,408
Roanoke	K7BV	1,230,594
Rocky Mountain	N5HC	256,131
Southeastern	N6AR	844,392
Southwestern	W6TK	596,160
West Gulf	K5TR	1,949,220
Canada	VE3CX	704,808

### Single Operator Unlimited, Low Power

Atlantic	W3KB	498,762
Central	W9AV	133,023
Dakota	N0HJZ	37,296
Delta	NN5O	158,727
Great Lakes	K8LY	298,656
Hudson	N2SQW	443,331
Midwest	AA0AI	295,218
New England	N1API	219,618
Northwestern	N7FLT	50,232
Pacific	K6GHA	238,350
Roanoke	W4ZAO	370,260
Rocky Mountain	KI0J	81,780
Southeastern	KT4ZB	428,220
Southwestern	KG7GYI	115,830
West Gulf	K5KJ	197,736
Canada	VA3DF	852,876

### Single Operator Unlimited, QRP

Atlantic	N3JIX	330
Central	N9NBC	4,095
Great Lakes	K8ZT	1,080
Pacific	K2GMY	75
Southeastern	W4QO	52,545

### Single Operator, 160 Meters

Atlantic	W2MF	8,514
Delta	K2FF	3,870
Great Lakes	W8ALP	3,984
New England	K1W1	147
Southeastern	AG4W	4,185

### Single Operator, 80 Meters

Atlantic	W3BGN	49,302
Central	AA9LC	8,856
New England	W1XX	37,932
Northwestern	WA2BFW	4,992
Roanoke	W4QNW	21,771
Rocky Mountain	AA5B	2,691
Southeastern	WB6RAB	7,869
Southwestern	KK6ZM	26,166
West Gulf	K5RX	38,709
Canada	VE3PN	25,704

### Single Operator, 40 Meters

Atlantic	WA2AOG	21,948
Central	KC9VYX	504
Delta	W4NZ	4,608
Great Lakes	K8DJC	20,955
Hudson	K4BNC	15,444
Midwest	K0SRL	1,026
Northwestern	W7WA	215,496
Rocky Mountain	WD0BGZ	41,004
Southeastern	K3SV	14,847
Southwestern	WA7NWL	6,732
West Gulf	N4IJ	24,522
Canada	VA2LGG (VE3AV, op)	60

### Single Operator, 20 Meters

Atlantic	AA3TT	14,061
Central	K9BGL	217,422
Great Lakes	WA8RCN	127,239
Hudson	KA2HZP	9,963
Midwest	AD0H	21,870
New England	W1AVK	77,034
Northwestern	K7ABV	18,513
Pacific	W7RN (K5RC, op)	37,758
Roanoke	W4SLT	39,951
Rocky Mountain	KC0V	7,839
Southeastern	KM4HI	77,478
West Gulf	K5QR	37,572
Canada	VE3DZ	381,027

### Single Operator, 15 Meters

Atlantic	K2SSS	59,640
Central	K9LA	20,433
Dakota	N0OK	15,360
Delta	K0EJ	61,320
Great Lakes	W4LID	5,115
Hudson	KU2M	72,577
Midwest	WN0L	3,780
New England	K1EP	26,553
Northwestern	KK7YC	9,450
Pacific	N2NS	14,274
Roanoke	W6DVS	924
Southwestern	AA7V	12,408
West Gulf	NZ5M	1,299
Canada	VE9AA	8,640

### Single Operator, 10 Meters

Atlantic	WA2AOG	4,680
Central	N4TZ	5,037
Delta	W5RCG	2,496
Great Lakes	AK3Q	12
Hudson	WB2AMU	1,110
Rocky Mountain	K7ULS	3
Southeastern	N4TB	6,099
Southwestern	N6SS	210
West Gulf	W5PR	24,552

### Multioperator, Single Transmitter, High Power

Atlantic	K3ZU	1,906,872
Central	NV9L	1,452,024
Delta	K5UA	204,984
Great Lakes	W8PR	627,846
Hudson	W2IRT	1,322,388
Midwest	N0MA	398,871
New England	W2PV	1,754,550
Northwestern	W7RM	382,956
Rocky Mountain	W0FRC	61,464
Southeastern	WW4LL	1,463,700
Southwestern	N6AA	453,288
Canada	VE2BWL	902,430

### Multioperator, Single Transmitter, Low Power

Atlantic	W3ZGD	310,392
Central	WD9EXD	78,234
Dakota	K0UH	1,914
Great Lakes	N8YXR	55,296
Hudson	W2GSB	16,380
Midwest	KB5ENP	6,696
New England	N1BA	891,000
Rocky Mountain	K7GMX	168
Southeastern	WK1DS	212,064
Southwestern	KD7RCJ	60,840
Canada	VY0ERC	14,859

### Multioperator, Two Transmitter

Atlantic	WA3EKL	1,268,061
Central	K9CT	2,351,820
Delta	W5GAD	138,600
Great Lakes	K8AZ	2,414,286
Hudson	W2CG	1,419,579
New England	N1MM	2,600,343
Northwestern	K7JR	359,601
Pacific	W6WB	2,073,126
Roanoke	W4RM	2,621,538
Southeastern	N4SVC	878,400
Southwestern	NX6T	794,178
West Gulf	W5RRR	81,420
Canada	VE6FI	117,348

### Multioperator, Multitransmitter

Atlantic	K3LR	6,229,296
Central	W0AIH	1,270,188
New England	N1TA	3,681,600
Pacific	N6WM	1,672,272
West Gulf	N5AA	418,608

Multitransmitter winner, Tim, K3LR, and his team's legendary rivalry with the team of Frank, W3LPL, need to watch out for WE3C, who's now in the race to the top. There were also notable performances on the DX side with Caribbean DX stations leading overall scores in every Multioperator category.

### An Opportunity to Compete

Single-Operator/Single-Band categories are getting very popular in this contest. Even

with work commitments, time constraints, or attempting to win a category with a more standard station, the Single-Band category is a fantastic way for any amateur to get into the contest and be a serious or casual operator without devoting the entire weekend. A great deal of Single-Band stations worldwide entered, with many noteworthy performances. Plenty of DX stations are out there in this category as well, with many taking advantage of upper-band trans-equatorial

propagation. The single-band 10- and 15-meter categories are quite popular in Chile, Argentina, Brazil, and other South American countries, ensuring plenty of DX in the logs of American and Canadian stations. Taking advantage of Single-Band categories at any power level is a great way to get in the game on a competitive level, even from an average-sized station.

### Contesting — A Spectator Sport

A notable development of late has been the

## Affiliated Club Competition

Club	Score	Entries	Club	Score	Entries
<b>Unlimited</b>			<b>Local</b>		
Frankford Radio Club	196,403,343	188	CTRI Contest Group	9,832,113	5
Yankee Clipper Contest Club	174,389,238	216	Central Virginia Contest Club	4,393,734	6
Potomac Valley Radio Club	103,194,786	176	Bay Area DXers	2,002,251	9
Florida Contest Group	41,305,509	91	Kansas City Contest Club	1,817,733	10
Society of Midwest Contesters	36,887,904	113	Portage County Amateur Radio Service	1,815,654	7
Contest Club Ontario	33,999,912	67	Salt City DX Assn.	850,158	4
Northern California Contest Club	31,647,981	66	Hilltop Transmitting Assn.	638,268	7
Minnesota Wireless Assn.	29,994,243	94	Bergen ARA	566,175	9
Arizona Outlaws Contest Club	24,314,211	64	Meriden ARC	527,160	4
Southern California Contest Club	19,875,219	58	Skyview Radio Society	513,729	6
<b>Medium</b>			Radio Amateurs of Northern Vermont	481,467	5
North Coast Contesters	51,545,112	25	NorDX Club	409,122	4
Central Texas DX and Contest Club	23,939,430	30	Northern Arizona DX Assn.	345,450	4
Carolina DX Association	15,246,312	30	Southwest Ohio DX Assn.	321,165	3
Mother Lode DX/Contest Club	14,130,444	40	Bristol (TN) ARC	312,912	6
DFW Contest Group	12,513,288	35	599 DX Assn.	294,744	3
Tennessee Contest Group	12,289,512	34	West Park Radiops	281,952	6
Alabama Contest Group	11,577,063	29	New Mexico Big River Contesters	279,018	5
Mad River Radio Club	11,466,627	26	Sunday Creek Amateur Radio Federation	260,988	6
Georgia Contest Group	10,402,455	25	Pottstown Area ARC	250,203	4
Hudson Valley Contesters and DXers	10,282,992	28	Fort Wayne Radio Club	239,478	4
Order of Boiled Owls of New York	8,817,480	14	Wireless Association of South Hills	233,370	3
Willamette Valley DX Club	7,847,355	30	Boeing Employees ARS — St. Louis	193,890	3
Kentucky Contest Group	7,708,557	23	Great South Bay ARC	176,889	10
Northeast Wisconsin DX Assn.	7,090,473	11	Sterling Park ARC	174,882	5
Contest Group du Quebec	6,442,413	12	Milford (OH) ARC	170,565	6
Louisiana Contest Club	5,715,870	7	Bellbrook ARC	152,283	4
Iowa DX and Contest Club	5,593,311	3	North Fulton ARL	102,522	3
Western Washington DX Club	4,559,265	26	New Providence ARC	98,616	5
Northeast Maryland Amateur Radio Contest Society	4,128,126	16	Calgary ARA	94,278	3
Grand Mesa Contesters of Colorado	3,101,139	11	Pizza Lovers 259	87,771	3
Niagara Frontier Radiosport	3,512,364	16	South Texas DX and Contest Club	66,585	4
Rochester (NY) DX Assn.	3,446,163	16	Rochester ARA	60,801	3
Big Sky Contesters	2,325,633	13	Oakland County Amateur Radio Society	47,946	3
South East Contest Club	2,237,961	22	Fort Smith ARC	34,251	3
North Carolina DX and Contest Club	1,974,720	8	Southern Berkshire ARC	33,123	4
North Texas Contest Club	1,823,751	9	Falmouth ARA	13,302	3
Texas DX Society	1,637,388	10			
Orca DX and Contest Club	1,635,966	16			
East Coast Canada Contest Club	1,630,662	3			
Maritime Contest Club	1,328,265	13			
Swamp Fox Contest Group	1,242,954	9			
Saskatchewan Contest Club	1,162,851	5			
Radiosport Manitoba	1,102,422	5			
Metro DX Club	1,065,228	11			
Spokane DX Association	626,925	12			
Utah DX Association	541,722	14			
Mississippi Valley DX/Contest Club	363,027	3			
South Jersey Radio Assn.	326,715	5			
Alberta Clippers	88,659	3			
Long Island Mobile ARC	16,695	4			

posting of scores in real time on “live score” servers online. Several stations tried this for the ARRL DX phone contest. This is an exciting development in the world of DX contests and radiosport in general, and

many stations are starting to use this to compete with other peers in their size/category. I tried this in a recent contest, and it was the first time my wife and kids could follow our progress in the competition in

real time (not to mention a great motivator to keep me in the chair).

For more information on live scores sites, read the extended results article online, at [www.arrrl.org/contest-results-articles](http://www.arrrl.org/contest-results-articles).

### A Win for Everyone

There is something for everyone in the ARRL DX contest, whether it's improving your skills, adding to propagation knowledge, or top-level competition. The ARRL DX contest is hours of fun for small stations and superstations alike, not to mention DX stations around the world. And if you work hard, you can make great strides in adding to your ARRL DXCC totals as well. It's a win for everyone involved.

I hope you all enjoyed the 2017 ARRL International DX Phone Contest, and hope you can join us once again March 3 and 4 in 2018 to see what challenges and triumphs lie ahead!



Kimo, KH7U, battles the pileups on 15 meters. [Kimo Chun, KH7U, photo]