

# ARRL International DX Contest Phone 2019 Results

By Kelly Taylor, VE4XT (ve4xt@me.com)

What if you held a DX contest and the ionosphere was missing in action?

Such was the experience in the 2019 ARRL International DX Contest Phone. And while the jury seems to be out on whether Sol has reached the depths of the sunspot cycle just yet, it's hard to imagine that conditions could be more challenging.

## DX Highlights

Consider the crew at AH2R, and imagine how bad it must be for a Guam station to be "impressed" by a contact with California. "Conditions were much worse than expected," was the soapbox entry.

One soapbox entry, offered without attribution, summed up the experience nicely. It's been edited to remove the all-caps emphasis: "Most unfavorable conditions I have ever experienced in this contest," writes the unknown ham. "Far fewer QSOs than I have made previously. Need a bigger antenna, I guess."

It wasn't all bad news, however. Some operators took the conditions in stride. Walter, AJ6T, used the contest to pad his DXCC total somewhat. "I was pleased to work C37NL on 40 for a new one on that band," he wrote. "One highlight was snagging HB90CXZ on 75 right at his sunrise. I copied EI7M Q5 on 160 but could not get his attention even at his sunrise."

#### The DX Winners

EI7M (Dan, EI3JZ, op.) won the Single Operator 160 Meters category for DX.

Manu, LU9ESD, wasn't letting conditions get him down, either. "Alone, in a small tent, with a small generator far away from civilization with a few wires, 500 meters of rope, a small mobile amplifier, and a lot of passion for what I do," he wrote. "The Patagonian frozen nights and strong winds were my only partners. I love contesting and DX-peditions equally." His weekend was good for 709 QSOs and 59 sections.

Top Ten - DX	
Single Operator, High Power	
8P5A	6,261,684
P49Y (AE6Y, op)	5,252,676
KH7XS	5,115,852
ZF9CW	4,932,720
NP2P (N2TTA, op)	2,901,822
TO5A (F5VHJ, op)	2,739,630
CE2LR	1,926,144
ZZ2T (PY2MNL, op)	1,323,015
KP4/KA1R	1,157,760
CR6K (CT1CJJ, op)	1,109,106
Single Operator, Low Power	
VP2MMF (K1XX, op)	3,006,990
VP9/W6PH	2,396,358
НІЗТ	2,293,674
ZW8T (PS8HF, op)	1,255,875
TG9ANF	981,540
KH6CJJ	790,020
CO6HZ	498,069
PY5JY	326,646
YV4RDC	313,596
OA4SS	283,320
Single Operator OPP	
Single Operator, QRP F5BEG	17,550
PY2BN	15,876
LZ1YE	6,480
IZ3NVR	6,048
UTSEOX	4,524
JH1APZ	3,024
JK1TCV	1,554
JQ1NGT	1,116
PY2VQ	504
IU3EIY	405

Single Operator Unlimited, High	Power
YV1KK	4,672,068
KP3Z (NP4Z, op)	3,928,905
KP2M (N2TK, op)	3,849,300
ZX5J	3,670,416
V26M (N3AD, op)	2,838,780
EA8RM	1,212,273
EF7X (EA7KW, op)	1,049,832
IR6T (IK6JNH, op)	653,910
HG3R	601,125
G5W (5B4WN, op)	591,840
	1 332,010
Single Operator Unlimited, Low F	Power
HH2AA (W2GD, op)	2,222,976
PY8WW	376,470
YV7MAY	335,016
PP5DZ	286,767
PY4XX	236,340
PY5FO	233,184
XE1HG	229,824
HI8JSG	187,488
S52NR	185,367
PY1FI	153,846
	133,010
Single Operator Unlimited, QRP	
OK2FD	13,818
PD2TW	1,488
DJ1XT	
	1,488
DJ1XT	1,488 1,470
DJ1XT YU1LM	1,488 1,470 36
DJ1XT YU1LM	1,488 1,470 36
DJ1XT YU1LM PDØWVB	1,488 1,470 36
DJ1XT YU1LM PDØWVB Single Operator, 160 Meters	1,488 1,470 36 27
DJ1XT YU1LM PDØWVB  Single Operator, 160 Meters EI7M (EI3JZ, op)	1,488 1,470 36 27 15,936
DJ1XT YU1LM PDØWVB  Single Operator, 160 Meters EI7M (EI3JZ, op) HGØR (HAØNAR, op)	1,488 1,470 36 27 15,936 11,067
DJ1XT YU1LM PDØWVB  Single Operator, 160 Meters EI7M (EI3JZ, op) HGØR (HAØNAR, op) LU8DPM	1,488 1,470 36 27 15,936 11,067 10,647
DJ1XT YU1LM PDØWVB  Single Operator, 160 Meters EI7M (EI3JZ, op) HGØR (HAØNAR, op) LU8DPM WP3UX	1,488 1,470 36 27 15,936 11,067 10,647 7,128
DJ1XT YU1LM PDØWVB  Single Operator, 160 Meters EI7M (EI3JZ, op) HGØR (HAØNAR, op) LU8DPM WP3UX LU2DVI	1,488 1,470 36 27 15,936 11,067 10,647 7,128
DJ1XT YU1LM PDØWVB  Single Operator, 160 Meters EI7M (EI3JZ, op) HGØR (HAØNAR, op) LU8DPM WP3UX LU2DVI LU2DKT  Single Operator, 80 Meters	1,488 1,470 36 27 15,936 11,067 10,647 7,128
DJ1XT YU1LM PDØWVB  Single Operator, 160 Meters EI7M (EI3JZ, op) HGØR (HAØNAR, op) LU8DPM WP3UX LU2DVI LU2DKT	1,488 1,470 36 27 15,936 11,067 10,647 7,128
DJ1XT YU1LM PDØWVB  Single Operator, 160 Meters EI7M (EI3JZ, op) HGØR (HAØNAR, op) LU8DPM WP3UX LU2DVI LU2DKT  Single Operator, 80 Meters	1,488 1,470 36 27 15,936 11,067 10,647 7,128 3
DJ1XT YU1LM PDØWVB  Single Operator, 160 Meters EI7M (EI3JZ, op) HGØR (HAØNAR, op) LU8DPM WP3UX LU2DVI LU2DKT  Single Operator, 80 Meters XE2X	1,488 1,470 36 27 15,936 11,067 10,647 7,128 3 3
DJ1XT YU1LM PDØWVB  Single Operator, 160 Meters EI7M (EI3JZ, op) HGØR (HAØNAR, op) LU8DPM WP3UX LU2DVI LU2DKT  Single Operator, 80 Meters XE2X NP2J (K8RF, op)	1,488 1,470 36 27 15,936 11,067 10,647 7,128 3 3 232,401 221,604
DJ1XT YU1LM PDØWVB  Single Operator, 160 Meters EI7M (EI3JZ, op) HGØR (HAØNAR, op) LU8DPM WP3UX LU2DVI LU2DKT  Single Operator, 80 Meters XE2X NP2J (K8RF, op) KP4KE	1,488 1,470 36 27 15,936 11,067 10,647 7,128 3 3 232,401 221,604 170,487
DJ1XT YU1LM PDØWVB  Single Operator, 160 Meters EI7M (EI3JZ, op) HGØR (HAØNAR, op) LU8DPM WP3UX LU2DVI LU2DKT  Single Operator, 80 Meters XE2X NP2J (K8RF, op) KP4KE CU2KG (OH2BH, op)	1,488 1,470 36 27 15,936 11,067 10,647 7,128 3 3 232,401 221,604 170,487 102,204

F5FLN	53,997
DJ7WW	49,491
S54ZZ	46,512
Single Operator, 40 Meters	
LU9ESD	122,484
CO8ZZ	119,232
EM2Q (UW2QU, op)	110,823
YT5A (YU1AU, op)	103,800
YV5TNT	78,468
YY2HCM	77,922
NP3MR	60,123
YV5NWG	58,140
S51CK	44,811
CO8RBD	43,200
Single Operator, 20 Meters	
PR2B (PY2LSM, op)	289,749
CR6T (CT1ESV, op)	263,934
OM5ZW	222,711
EI5IX	222,120
НКЗС	221,073
PY2NY	179,394
OZ7X (OZ5KF, op)	176,610
TM4L (F8ARK, op)	171,492
LO7H (LU7HW, op)	160,539
YT3X	154,344
Single Operator, 15 Meters	222.204
PX2A (PY2LED, op)	333,291
CV7S (CX7SS, op)	282,054
LOSD (LU8EOT, op)	239,058
PY2UD	164,268
PY5AB	130,086
HK3TK	101,724
FY5KE (F5HRY, op)	79,350
XQ3SK	64,512
YY2EDF	51,729
LW5DPG	38,502
Single Operator 10 Meters	
Single Operator, 10 Meters CX2DK	38,073
CE2ML (CX1EK, op)	33,495
LW7DX	32,034
XQ3PC	26,037
PY2PT	22,320
PU5BOY	3,540
1 00001	

DUZUAE	2.162	
PU2UAF	3,162	
CA3JBD	2,451	
LU5DF	1,989	
PU5DUD	1,764	
Multioperator, Single Transmitte Power	er, High	
ZF1A	6,150,900	
TI7W	5,850,900	
P44K	4,750,752	
PJØDX	4,707,843	
V31VP	4,146,195	
J68HZ	3,240,423	
KH7M	2,965,581	
TO3Z	2,632,500	
T46A	2,489,520	
XE7S	2,096,037	
Multioperator, Single Transmitte Power	<u> </u>	
HI3LT	1,489,752	
TI7/W6PNG	622,710	
HD8M	159,804	
OZ7D	12,222	
XE2N	9,078	
JA1YNE	6,555	
HB9EI	1,008	
JK2VOC	891	
DN1RMG	741	
YE1ZAZ	462	
Multioperator, Two Transmitter		
PJ4G	8,196,426	
HQ9X	4,017,168	
KH6J	3,668,616	
LZ5R	1,134,756	
E7DX	1,089,414	
LX7I	1,055,184	
LU8YE	827,925	
ED1R	733,305	
EI9E	665,379	
SV2DSJ	589,632	
Multioperator, Multitransmitter		
PJ2T	6,429,672	
C6ANM	3,460,860	
HCØE	1,742,727	

9A1A	1,724,814
KL7RA	1,233,720
JA3YBK	361,305
HG1S	106,596

On the DX side, things weren't quite as drastic, but scores were down considerably. The 6.2 million points from the Single Operator High Power winner, Tom, 8P5A, were almost four million points off the record, while VP2MMF (Charlie, K1XX, op.), couldn't get to half of the record, 3.006 million points to ZF2DX's 7.130 million points in 2015.





Top: Charlie, K1XX, took First Place, Single Operator, Low Power operating at VP2MMF on Montserrat. How could anyone focus on contesting with a view like that?

Bottom: Looking stateside from VP2MMF.

[Charlie Carroll, K1XX, photo]

For Tom, W2SC, the win at 8P5A is his third consecutive win in Single Operator, High Power. Start of a dynasty, perhaps?



Top: Tom, W2SC, took top DX honors as the First Place, Single Operator, High Power, winner piloting 8P5A. Bottom: The arrays at 8P5A. [Tom Georgens, W2SC, photo]



It was a fairly tight three-way race for second place in Single Operator, High Power, with only about 300,000 points separating P49Y (Andy, AE6Y, op) in second place and Stan, ZF9CW, in fourth place. In the middle was Bill, KH7XS, who actually had 230 more QSOs but 18 fewer multipliers than Andy.

Julio, YV1KK, came perhaps the closest to knocking off a record. His 4.672 million points were only — if one can use that term — 2.6 million points off the record set by 6Y2M (Kostantyn, VE3LA, op) in 2015. John, W2GD, at HH2AA, won Single Operator Unlimited, Low Power with a score of 2.222 million (the record is

held by another John, KK9A, who ran WP2AA to 5.8 million points in 2015).

Running away with Multioperator, Two Transmitter, and recording the highest score on the DX side overall, was PJ4G, operated to nearly 8.2 million points by Marty, W1MD, Massimo, IZ4DPV, Noah, K2NG, Carlo, IK1HJS, Fabio, I4UFH and Dave, NA2AA.

#### W/VE Highlights

Chuck, KØRF, took to technology to get him through. "Lucky thing I had my smartphone to play games while CQing," he writes. "I don't think I could have stayed awake without Candy Crush."

The conditions had Bill, K3HW, longing for endodontry. "Root canal would have been better than this contest. Conditions were the worst I have ever seen!"

Anyone holding overall records had nothing to fear from this contest. This year's W/VE winner in Single Operator, High Power, Ray, W2RE, scored 2.187 million points, far off the record of 6.9 million points set by VY2ZM in 2014. Terry, N4TZ, won Single Operator, Low Power with a score only one-tenth of the record 4.7 million points set by N1UR in 2014.

Terry summed up the contest in one word. "Ouch."

Top Ten - W/VE		
Single Operator, High Power		
W2RE	2,187,936	
VY2ZM	2,021,838	
VY2TT (K6LA, op)	1,883,400	
N1UR	1,865,376	
CJ3A (VE3AT, op)	1,627,500	
AA1K	1,375,998	
VE3DZ	1,374,330	
W9RE	1,282,890	
K4AB	1,179,240	
N9NB	1,012,680	
Single Operator, Low Power		
N4TZ	477,756	
W6YX (N7MH, op)	259,038	
N8II	254,514	
W6DVS	247,038	
K2SDS	220,584	
K5FUV	211,410	

N7IR	167,076
KD9MS	165,042
K3SU	132,300
W5FN	126,684
Single Operator, QRP	
W1JCW	100,989
W1MR	31,050
W6QU (W8QZA, op)	30,672
N9GQA	22,572
N4ZAK	11,220
WB5TUF	10,854
N3CI	7,425
NDØC	4,773
KZ3I	3,720
K2Q0	1,725
Single Operator Unlimited	, High Power
VE3EJ	2,083,455
NC1I (K9PW, op)	1,671,288
N3RD	1,518,555
N3RS	1,469,952
K3WW	1,219,158
AA3B	1,155,054
NW3Y	1,080,891
AA9A (N9UA, op)	1,020,786
K3ZU	1,010,100
K5ZD	959,049
Single Operator Unlimited	, Low Power
VA3DF	492,075
K2XR	386,199
KS1J	357,840
W9XT	338,256
W3KB	327,810
W4ZAO	311,085
N2SQW	257,670
WB8WKQ	183,726
NY6DX	180,432
AAØAI	180,276
Single Operator Unlimited	, QRP
KR4AE	63,882
K3TW	32,040
VE2JFM	14,220
K2GMY	13,635
K8ZT	768

W8IQ	330
K6CTA	3
Single Operator, 160 Meters	
W2MF	13,356
W8ALP	8,775
VE3PN	8,448
WF2W	6,888
WB4WXE	6,240
AJ4A	1,716
KM1R	1,140
K1WHS	1,071
K7CW	1,020
W8WTS	396
Single Operator, 80 Meters	
W3BGN	47,286
WU2X	29,700
W3NO	27,126
K4SXT	9,720
K9IDQ	6,720
K1HX (K1HC, op)	6,549
VE9ML	4,278
NØOK	3,741
K7IU	3,480
KG5WRZ	2,592
Single Operator, 40 Meters	
W7WA	150,780
KØRF	111,300
KA1IS	26,970
WØRIC	17,712
KT3RR	13,356
KY6G	12,384
NM2R	11,280
KD4RH	9,480
W4JKC	8,772
K9CJ	6,954
Single Operator, 20 Meters	
K1LZ (K3JO, op)	550,884
WØEWD (@NØNI)	238,260
AB4B	184,428
N7RQ	89,604
W1QK	86,652
W1AVK	75,768
K8LX	59,961
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W6AFA	56,364
N7TU	53,196
VA2WA	50,301
Single Operator, 15 Meters	
K2YY	12,342
KU2M	10,944
K2UR	9,360
KØEJ	9,048
N6RZ	7,047
WN4AFP	4,836
N6RM	3,312
N8ATS	3,312
WD5DJW	2,706
K3UA	1,632
Single Operator, 10 Meters	
W4DD	1,050
N4TUT	504
K4WI	165
Multioperator, Single Transmitt	er, High
D	
Power	
N1MM	1,772,136
N1MM K5TR	1,543,797
N1MM K5TR W5MX	
N1MM K5TR	1,543,797 1,223,100 964,953
N1MM K5TR W5MX	1,543,797 1,223,100
N1MM K5TR W5MX KA1ZD	1,543,797 1,223,100 964,953
N1MM K5TR W5MX KA1ZD K1VR W3LL W8PR	1,543,797 1,223,100 964,953 905,454
N1MM K5TR W5MX KA1ZD K1VR W3LL	1,543,797 1,223,100 964,953 905,454 850,080 782,292 673,263
N1MM K5TR W5MX KA1ZD K1VR W3LL W8PR VE2BWL W2IRT	1,543,797 1,223,100 964,953 905,454 850,080 782,292 673,263 534,303
N1MM K5TR W5MX KA1ZD K1VR W3LL W8PR VE2BWL	1,543,797 1,223,100 964,953 905,454 850,080 782,292 673,263
N1MM K5TR W5MX KA1ZD K1VR W3LL W8PR VE2BWL W2IRT W3MF	1,543,797 1,223,100 964,953 905,454 850,080 782,292 673,263 534,303 520,500
N1MM K5TR W5MX KA1ZD K1VR W3LL W8PR VE2BWL W2IRT W3MF	1,543,797 1,223,100 964,953 905,454 850,080 782,292 673,263 534,303 520,500
N1MM K5TR W5MX KA1ZD K1VR W3LL W8PR VE2BWL W2IRT W3MF  Multioperator, Single Transmitt Power	1,543,797 1,223,100 964,953 905,454 850,080 782,292 673,263 534,303 520,500  er, Low
N1MM K5TR W5MX KA1ZD K1VR W3LL W8PR VE2BWL W2IRT W3MF  Multioperator, Single Transmitt Power ND1C	1,543,797 1,223,100 964,953 905,454 850,080 782,292 673,263 534,303 520,500 er, Low 228,501
N1MM K5TR W5MX KA1ZD K1VR W3LL W8PR VE2BWL W2IRT W3MF  Multioperator, Single Transmitt Power ND1C VO1NAR	1,543,797 1,223,100 964,953 905,454 850,080 782,292 673,263 534,303 520,500  er, Low  228,501 207,495
N1MM K5TR W5MX KA1ZD K1VR W3LL W8PR VE2BWL W2IRT W3MF  Multioperator, Single Transmitt Power ND1C VO1NAR N8YXR	1,543,797 1,223,100 964,953 905,454 850,080 782,292 673,263 534,303 520,500 er, Low 228,501 207,495 102,831
N1MM K5TR W5MX KA1ZD K1VR W3LL W8PR VE2BWL W2IRT W3MF  Multioperator, Single Transmitt Power ND1C VO1NAR N8YXR W1FM	1,543,797 1,223,100 964,953 905,454 850,080 782,292 673,263 534,303 520,500  er, Low  228,501 207,495 102,831 75,810
N1MM K5TR W5MX KA1ZD K1VR W3LL W8PR VE2BWL W2IRT W3MF  Multioperator, Single Transmitt Power ND1C VO1NAR N8YXR W1FM WA1F	1,543,797 1,223,100 964,953 905,454 850,080 782,292 673,263 534,303 520,500 er, Low 228,501 207,495 102,831 75,810 44,394
N1MM K5TR W5MX KA1ZD K1VR W3LL W8PR VE2BWL W2IRT W3MF  Multioperator, Single Transmitt Power ND1C VO1NAR N8YXR W1FM WA1F WK1DS	1,543,797 1,223,100 964,953 905,454 850,080 782,292 673,263 534,303 520,500  er, Low  228,501 207,495 102,831 75,810 44,394 34,125
N1MM K5TR W5MX KA1ZD K1VR W3LL W8PR VE2BWL W2IRT W3MF  Multioperator, Single Transmitt Power ND1C VO1NAR N8YXR W1FM WA1F WK1DS K9IU	1,543,797 1,223,100 964,953 905,454 850,080 782,292 673,263 534,303 520,500 er, Low 228,501 207,495 102,831 75,810 44,394 34,125 20,088
N1MM K5TR W5MX KA1ZD K1VR W3LL W8PR VE2BWL W2IRT W3MF  Multioperator, Single Transmitt Power ND1C VO1NAR N8YXR W1FM WA1F WK1DS K9IU W1SRG	1,543,797 1,223,100 964,953 905,454 850,080 782,292 673,263 534,303 520,500  er, Low  228,501 207,495 102,831 75,810 44,394 34,125 20,088 6,156
N1MM K5TR W5MX KA1ZD K1VR W3LL W8PR VE2BWL W2IRT W3MF  Multioperator, Single Transmitt Power ND1C VO1NAR N8YXR W1FM WA1F WK1DS K9IU	1,543,797 1,223,100 964,953 905,454 850,080 782,292 673,263 534,303 520,500 er, Low 228,501 207,495 102,831 75,810 44,394 34,125 20,088

Multioperator, Two Transmitter		
W4KZ	1,656,036	
K8AZ	1,573,341	
К9СТ	1,526,595	
N2RJ	1,124,835	
K2AX	951,936	
кøоо	867,312	
W2CG	685,575	
NX6T	587,703	
WB2P	484,380	
K7ZS	395,136	
Multioperator, Multitransmitter		
K3LR	4,784,664	
W3LPL	3,711,708	
K1KI	2,070,552	
K1TTT	1,889,160	
N6WM	1,163,799	
NE3F	834,588	
W5CT	433,440	
WX3B	402,582	
W1CSM	343,908	
WØNA	21,243	

Winning Single Operator, High Power on the W/VE side was Ray, W2RE, who edged out Jeff, VY2ZM, by 160 QSOs, but Jeff's additional multiplier (322 vs 321) made it closer than the QSO count would suggest.

In Single Operator Unlimited, High Power, John, VE3EJ, ran away with the title, 2.1 million points to 1.6 million, over NC1I (K9PW, op). It was again a tight battle for second place as Pete (@NC1I) survived a challenge from Dave, N3RD, taking second by 156 QSOs despite three fewer multipliers. Ron, N3RS, was also in the hunt, with 20 more QSOs than Dave but 16 fewer multipliers to take third place.

In the Multioperator, Two Transmitter category, rate made all the difference. W4KZ may have had 50 fewer multipliers than K8AZ, but nearly 500 extra QSOs made all the difference. Right behind K8AZ in third place was the crew at K9CT, who missed second place by 11 QSOs and eight multipliers. Tight!

# **Continental Winners**

Africa	Call	Score
Single Operator, High Power	ZR2A	69,012
Single Operator, Low Power	ZS2NF	14,256
Single Operator Unlimited, High Power	EA8RM	1,212,273
Single Operator Unlimited, Low Power	CN8SG	17,640
Single Operator, 20 Meters	EA8KY	109,872
Asia		
Single Operator, High Power	JR2GRX	370,113
Single Operator, Low Power	JH1EAQ	37,179
Single Operator, QRP	JH1APZ	3,024
Single Operator Unlimited, High Power	JJ2YRE	71,400
Single Operator Unlimited, Low Power	JA1MZM	3,504
Single Operator, 80 Meters	JE1SPY	18
Single Operator, 40 Meters	TA4CS	2,220
Single Operator, 20 Meters	RTØF	101,808
Single Operator, 15 Meters	JJ1LBJ	24
Multioperator, Single Transmitter, High Power	JH4UYB	458,106
Multioperator, Single Transmitter, Low Power	JA1YNE	6,555
Multioperator, Two Transmitter	JH8YOH	179,325
Multioperator, Multitransmitter	JA3YBK	361,305
Europe		
	CR6K	
Single Operator, High Power	(CT1CJJ, op)	1,109,106
Single Operator, Low Power	IW1FRU	55,890
Single Operator, QRP	F5BEG	17,550
Single Operator Unlimited, High Power	EF7X (EA7KW, op)	1,049,832
Single Operator Unlimited, Low Power	S52NR	185,367
Single Operator Unlimited, QRP	OK2FD	13,818
Single Operator, 160 Meters	ei7M (Ei3JZ, op)	15,936
Single Operator, 80 Meters	CU2KG (OH2BH, op)	102,204
Single Operator, 40 Meters	EM2Q (UW2QU, op)	110,823

Single Operator, 20 Meters	CR6T	263,934
	(CT1ESV, op)	203,934
Multioperator, Single Transmitter, High Power	IR4X	1,712,832
Multioperator, Single		
Transmitter, Low Power	OZ7D	12,222
Multioperator, Two Transmitter	LZ5R	1,134,756
Multioperator, Multitransmitter	9A1A	1,724,814
North America		
Single Operator, High Power	8P5A	6,261,684
Single Operator, Low Power	VP2MMF (K1XX, op)	3,006,990
Single Operator Unlimited, High	KP3Z (NP4Z,	•
Power	op)	3,928,905
Single Operator Unlimited, Low	HH2AA	2 222 076
Power	(W2GD, op)	2,222,976
Single Operator, 160 Meters Single Operator, 80 Meters	WP3UX XE2X	7,128 232,401
Single Operator, 40 Meters	CO8ZZ	119,232
Single Operator, 40 Meters	TG9ADQ	72,369
Single Operator, 15 Meters	KP4RV	15,573
Multioperator, Single		
Transmitter, High Power	ZF1A	6,150,900
Multioperator, Single Transmitter, Low Power	HI3LT	1,489,752
	HQ9X	4,017,168
Multioperator, Two Transmitter  Multioperator, Multitransmitter	C6ANM	3,460,860
		3, 100,000
Oceania		
Single Operator, High Power	KH7XS	5,115,852
Single Operator, Low Power	KH6CJJ	790,020
Single Operator, QRP	YBØANN	198
Single Operator Unlimited, High Power	VK4QH	121,524
Single Operator Unlimited, Low	-	,
Power	YB8RW	1,989
Single Operator, 80 Meters	T32AZ	17,097
Single Operator, 40 Meters	YB3DY	6,264
Single Operator, 20 Meters	DU1RB	315
Multioperator, Single Transmitter, High Power	KH7M	2,965,581
Multioperator, Single Transmitter, Low Power	YE1ZAZ	462
Multioperator, Two Transmitter	KH6J	3,668,616
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South America		
	P49Y (AE6Y,	
Single Operator, High Power	op)	5,252,676
	ZW8T	4 0 0
Single Operator, Low Power	(PS8HF, op)	1,255,875
Single Operator, QRP	PY2BN	15,876
Single Operator Unlimited, High Power	YV1KK	4,672,068
Single Operator Unlimited, Low		
Power	PY8WW	376,470
Single Operator, 160 Meters	LU8DPM	10,647
Single Operator, 80 Meters	НК6Р	55,845
Single Operator, 40 Meters	LU9ESD	122,484
Single Operator, 20 Meters	PR2B (PY2LSM, op)	289,749
	PX2A	
Single Operator, 15 Meters	(PY2LED, op)	333,291
Single Operator, 10 Meters	CX2DK	38,073
Multioperator, Single		
Transmitter, High Power	P44K	4,750,752
Multioperator, Single		
Transmitter, Low Power	HD8M	159,804
Multioperator, Two Transmitter	PJ4G	8,196,426
Multioperator, Multitransmitter	PJ2T	6,429,672

The sunspots made for some challenging conditions from Asia, with the top score of 458,106 set by the multisingle crew at JH4UYB. It's a far cry from the multimillion-point efforts on Africa, Europe, Oceania and North and South America.

An impressive showing by Felipe, NP4Z, at the controls of KP3Z on Puerto Rico. His 5,039 QSOs and 267 multipliers was good for 3.9 million points and the North American Single. Operator Unlimited High Power title. Good to see the island back on the air in a big way after two devastating hurricanes.



Matt Robb, KD2OTG, operating as part of the Delaware Valley Radio Association team from their club station, W2ZQ, during the 2019 ARRL International DX Phone Contest. [Matt Robb, KD2OTG, photo]

### W/VE Affiliated Club Competition

Club	Score	Entries
Unlimited		
Frankford Radio Club	200,534,295	227
Yankee Clipper Contest Club	147,384,510	203
Potomac Valley Radio Club	107,699,454	226
Society of Midwest Contesters	44,359,194	108
Florida Contest Group	30,271,434	59
Arizona Outlaws Contest Club	24,879,057	69
Contest Club Ontario	22,239,651	68
Northern California Contest Club	22,239,030	77
Minnesota Wireless Assn	19,161,129	88
Southern California Contest Club	18,639,237	62
Medium		
North Coast Contesters	22,665,072	19
Central Texas DX and Contest		
Club	17,895,666	35
Mad River Radio Club	13,735,551	33
Tennessee Contest Group	12,346,956	36
Alabama Contest Group	9,701,247	25
CTRI Contest Group	9,648,942	14
DFW Contest Group Order of Boiled Owls of New	8,288,613	31
York	7,971,189	13
Carolina DX Association	7,811,247	40
Hudson Valley Contesters and	,- ,	
DXers	7,072,914	26
Western Washington DX Club	6,653,841	32
Kentucky Contest Group	5,338,698	22
Mother Lode DX/Contest Club	4,668,081	28
Northeast Wisconsin DX Assn	4,504,956	7
Willamette Valley DX Club	4,459,938	33
Niagara Frontier Radiosport	4,395,282	19
Maritime Contest Club	4,170,729	8
Northeast Maryland Amateur Radio Contest Society	3,497,253	18
Big Sky Contesters	3,472,506	12
South East Contest Club	3,342,006	21
Bay Area DXers	3,116,163	14
Kansas City Contest Club	2,760,939	8
Kansas City Contest Club	2,700,939	. 0

Grand Mesa Contesters of Colorado	2,700,840	27
Orca DX and Contest Club	1,941,639	18
Rochester (NY) DX Assn	1,854,600	14
THE VILLAGES AMATEUR RADIO CLUB	1,528,302	15
North Texas Contest Club	1,523,037	10
North Carolina DX and Contest		
Club	1,320,636	3
Georgia Contest Group	1,024,707	14
Mississippi Valley DX/Contest		
Club	952,065	14
Arkansas DX Assn	921,078	4
Swamp Fox Contest Group	724,764	10
Texas DX Society	716,124	8
Spokane DX Association	664,794	14
Louisiana Contest Club	513,219	4
599 DX Association	464,601	5
Driftless Zone Contesters	383,196	5
Radiosport Manitoba	327,321	3
Port Lavaca Amateur Radio Club	309,789	4
Not Quite Workable Contest Club	304,512	3
Great South Bay ARC	297,978	4
Skyview Radio Society	292,293	3
South Jersey Radio Assn	204,105	6
New Providence ARC	189,240	6
South Jersey DX Association	179,343	3
Northern Arizona DX Assn	89,331	3
Allegheny Valley Radio Association	81,048	3
Long Island Mobile ARC	37,548	3
Orange County ARC	23,388	3
Local		
Iowa DX and Contest Club	4,792,413	3
Pizza Lovers 259	1,735,674	8
Redwood Empire DX Assn	1,613,814	7
Central Virginia Contest Club	1,488,513	8
Bristol (TN) ARC	905,703	8
Metro DX Club	495,876	10
Meriden ARC	359,661	5
Hilltop Transmitting Assn	304,587	7
Silver Comet Amateur Radio		
Society	277,143	5
Vienna Wireless Society	133,038	3
North Fulton ARL	121,059	4
Sterling Park ARC	54,255	4

Preble ARA	20,340	3
Sunday Creek Amateur Radio		
Federation	19.770	3

With 227 logs and 200,534,295 points, the Frankford Radio Club won the Unlimited club competition gavel, followed by the Yankee Clipper Contest Club with 203 logs and 147,384,510 points.

Always a strong contender, the North Coast Contesters, with the fewest logs in the Top 5 of the Medium club competition, won with 22,665,072 points, or an average score of 1.2 million points. In second place, with 35 logs, 17,895,666.

In the Local club competition, it was the Iowa DX and Contest Club running away with it all. With only three logs and 4,792,413 points, the Iowans had nearly three times the score of Pizza Lovers 259, whose eight logs and 1,735,674 points put them in second place.

Results for Club Competition are the amalgamation of scores from the ARRL International DX CW and Phone contests.

Club competition for ARRL Contests provides a fun way to involve more hams in contesting: put the club's honor on the line! For more information on entering members' logs in the club competition, go to <a href="http://www.arrl.org/general-rules-for-all-arrl-contests#Club\_Competition">http://www.arrl.org/general-rules-for-all-arrl-contests#Club\_Competition</a>

#### New W/VE Records

2019 New Overall Records W/VE				
Call	Score	Category	Section	Division
VE2JFM	14,220	SOUQRP	QC	Canada
W8ALP	8,775	SO-160	MI	Great Lakes
K7CW	1,020	SO-160	WWA	Northwestern
W8ALP	8,775	SO-160	MI	Great Lakes
K7CW	1,020	SO-160	WWA	Northwestern

2019 New Section Records W/VE			
Section	Call	Score	Category
EMA	K1LZ (K3JO, op)	550,884	SO-20
ME	KA1IS	26,970	SO-40
ME	W4KZ	1,656,036	M2
AL	WB4WXE	6,240	SO-160
AL	AB4B	184,428	SO-20

GA	KR4AE	63,882	SOUQRP
KY	AJ4A	1,716	SO-160
LAX	W6AFA	56,364	SO-20
	NO6T (KI6RRN, op		
ORG	@WA6TQT)	1,003,749	SOHP
SF	К6СТА	3	SOUQRP
SJV	NJ6G	152,100	SOULP
WWA	K7CW	1,020	SO-160
MI	W8ALP	8,775	SO-160
SK	VE5MX	299,148	SOUHP
GTA	VE3FJ	20,184	SO-20
ONE	VE3PN	8,448	SO-160
QC	VE2JFM	14,220	SOUQRP
NL	VO1GRC	259,743	MSHP
NL	VO1NAR	207,495	MSLP

No overall records fell in 2019, and on the W/VE side, it probably shouldn't be a surprise it isn't until low-band, single-band entries are new records found. W8ALP set a Michigan record for Single Operator, 80 Meters, K7CW set a Single Operator, 160 Meters Western Washington record and VE2JFM set a Single Operator Unlimited, QRP record for Canada.

#### New DX Records

2019 New Continental Records DX				
Cont	Prefix	Call	Score	Category
AF	5T	5T5PA	39,501	SOUHP
AF	9J	9J2MM	57	SO-20
AF	9L	9L1YXJ	168	SOUHP
AF	EA8	EA8RM	1,212,273	SOUHP
AF	FR	FR4NT	26,559	SO-20
AS	9M2	9M2CDX	9	MSLP
AS	A5	A5A (E21EIC, op)	3	SO-40
AS	A6	A61FK	240	MSLP
AS	A7	A71AE	2,268	SO-20
AS	JD/o	JD1BIA	384	SOULP
EU	DL	DJ1XT	1,470	SOUQRP
EU	E7	E7DX	1,089,414	M2
EU	EI	EI7M (EI3JZ, op)	15,936	SO-160
EU	GD	GD1JNB	1,650	SO-20
EU	LX	LX7I	1,055,184	M2
EU	LZ	LZ1YE	6,480	SOQRP
EU	SV	SV2DSJ	589,632	M2
EU	YU	YU1LM	36	SOUQRP
EU	<b>Z6</b>	Z62FB	8,424	SOHP
EU	<b>Z</b> 6	Z61DX	966	SOUHP
NA	нн	HH2AA (W2GD, op)	2,222,976	SOULP
NA	HR	HQ9X	4,017,168	M2
NA	J6	J68HZ	3,240,423	MSHP

NA	KP2	KP2M (N2TK, op)	3,849,300	SOUHP
NA	KP2	NP2J (K8RF, op)	221,604	SO-80
NA	ΧE	XE2X	232,401	SO-80
ОС	KH2	AH2R	384,300	M2
ОС	V8	V85AVE	45	SOULP
ОС	ΥB	YB1P	1,680	MSHP
ОС	ΥB	YB3ZBD	357	M2
SA	HC8	HD8M	159,804	MSLP
SA	LU	LU8DPM	10,647	SO-160
SA	YV	YV1KK	4,672,068	SOUHP
SA	ZP	ZP6TT	2,952	SO-40

On the DX side, a number of country records were set, the most notable may be YV1KK's Venezuela record of 4.7 million points, the Multioperator, Two Transmitter effort from HQ9X in Honduras with 4 million points, Juan, EA8RM, on the Canary Islands with 1.2 million points, E7DX in Bosnia and Herzegovina with 1.1 million points, LX7I in Luxembourg with 1.05 million points, J68HZ in Saint Lucia with 3.2 million points, the U.S. Virgin Islands' KP2M with 3.8 million points in Single Operator Unlimited High Power and NP2J with 221,604 points in Single Operator 80 Meters. XE2X also set a Single Operator 80 Meter record for Mexico with 232,401 points.

# Regional Leaders W/VE

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 P	ower
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	
SOUQRP = Single Operator Unlimited, QRP	

West Coast Region				
(Pacific, Northwestern and Southwestern Divisions; Alberta, British Columbia and NT Sections)				
NO6T (KI6RRN, op				
@WA6TQT)	1,003,749	SOHP		
K6NA	710,775	SOHP		
N6AA	306,342	SOHP		
N7GP	303,432	SOHP		
W7AT (W7EW,				
op)	233,280	SOHP		
W6YX (N7MH, op)	259,038	SOLP		
N7IR	167,076	SOLP		
K6GHA	93,534	SOLP		
W1DGL	41,769	SOLP		
N7LD	37,674	SOLP		
,	0.,0.			
W6QU (W8QZA,				
op)	30,672	SOQRP		
KK7VL	351	SOQRP		
N6OSB	36	SOQRP		
KJ6WKT	27	SOQRP		
N5ABA	18	SOQRP		
K7RL	804,549	SOUHP		
AA6AA	503,100	SOUHP		
KA6BIM	392,958	SOUHP		
N6JV	304,140	SOUHP		
W9KKN	222,876	SOUHP		
NCDV	162 202			
N6RV	162,393	SOULP		
NJ6G	152,100	SOULP		
WZ8T	68,085	SOULP		
KU7T	40,950	SOULP		
N7ZUF	33,480	SOULP		
K2GMY	13,635	SOUQRP		
К6СТА	3	SOUQRP		
K7CW	1,020	SO-160		
W6RKC	1,020	SO-160		
onic	100	30 100		
K7IU	3,480	SO-80		
WZ6ZZ	18	SO-80		
W7WA	150,780	SO-40		
WØRIC	17,712	SO-40		
KI7JQK	18	SO-40		
NZDO	00.001	60.33		
N7RQ	89,604	SO-20		
W6AFA	56,364	SO-20		
N7TU	53,196	SO-20		
W7ZR	33,495	SO-20		
K7ACZ	15,933	SO-20		

K2YY	12,342	SO-15
N6RZ	7,047	SO-15
N6RM	3,312	SO-15
N6TV	315	SO-15
N7LR	12	SO-15
W7RM	513,525	MSHP
K7RI	279,558	MSHP
VYØERC	22,875	MSHP
N7BV	11,868	MSHP
W6UE	8,064	MSHP
NX6T	587,703	M2
K7ZS	395,136	M2
VE6FI	160,200	M2
N6WM	1,163,799	MM
Midwest Region		
(Dakota, Midwest, Divisions; Manitob	-	
N5AW	600,894	SOHP
KØTT	414,120	SOHP
N2IC	311,619	SOHP
K5RX	195,468	SOHP
KØJJR	147,378	SOHP
\\(\(\tau = \)	125 524	
W5FN	126,684	SOLP
NGØC	62,658	SOLP
KE5LQ	47,571	SOLP
NW5Q	43,056	SOLP
NN5T	39,744	SOLP
W1JCW	100,989	SOQRP
WB5TUF	10,854	SOQRP
N3CI	7,425	SOQRP
NDØC	4,773	SOQRP
N7NAV	105	SOQRP
K5LLA	381,225	SOUHP
KØKX	355,656	SOUHP
AD5A	303,456	SOUHP
VE5MX	299,148	SOUHP
N5HC	228,552	SOUHP
AAØAI	180,276	SOULP
K5LJ	120,000	SOULP
NØEO (AAØAW,		<del>-</del> -
op)	86,487	SOULP
WA5LFD	77,040	SOULP
AG5W	68,985	SOULP
NØOK	3,741	SO-80

KG5WRZ	2,592	SO-80
KØRF	111,300	SO-40
W5WI	780	SO-40
KCØVDY	720	SO-40
KG5TRV	714	SO-40
udens (onden)	222.252	
WØEWD (@NØNI)	238,260	SO-20
KØSRL	29,346	SO-20
WØND	11,076	SO-20
WØPPF	3,150	SO-20
KBØEO	2,550	SO-20
AFFCC	4.074	50.45
AF5CC	1,071	SO-15
NØJK	270	SO-15
KBØEOR	126	SO-15
K5TR	1,543,797	MCHD
KS5Z		MSHP
	218,670	MSHP
KØDDD VEØTI	169,092 149,943	MSHP
KEØTL	•	MSHP
MACIT	69,597	MSHP
WØGJT		
-	2/1 //E	NAO
wøgjt nøma	341,445	M2
NØMA	· · · · · · · · · · · · · · · · · · ·	M2 MM
NØMA W5CT Central Region	433,440	ММ
NØMA W5CT	433,440 akes Divisions; O	MM ntario East,
NØMA W5CT Central Region (Central and Great L Ontario North, Onta	433,440 akes Divisions; O	MM ntario East,
NØMA W5CT  Central Region (Central and Great L Ontario North, Onta Area Sections)	433,440  akes Divisions; Orio South, and Gr	MM ntario East, eater Toronto
NØMA W5CT  Central Region (Central and Great L Ontario North, Onta Area Sections) CJ3A (VE3AT, op)	433,440  akes Divisions; Orio South, and Gr	MM  Intario East, Teater Toronto  SOHP
NØMA W5CT Central Region (Central and Great L Ontario North, Onta Area Sections) CJ3A (VE3AT, op) VE3DZ	433,440  akes Divisions; Orio South, and Gr  1,627,500 1,374,330	ntario East, reater Toronto  SOHP SOHP
NØMA W5CT  Central Region (Central and Great L Ontario North, Onta Area Sections) CJ3A (VE3AT, op) VE3DZ W9RE	433,440  akes Divisions; Orio South, and Gr  1,627,500 1,374,330 1,282,890	MM  ntario East, reater Toronto  SOHP SOHP SOHP
NØMA W5CT  Central Region (Central and Great L Ontario North, Onta Area Sections) CJ3A (VE3AT, op) VE3DZ W9RE NA8V	433,440  akes Divisions; Orio South, and Gr  1,627,500 1,374,330 1,282,890 738,369	MM  Intario East, Teater Toronto  SOHP SOHP SOHP SOHP
NØMA W5CT  Central Region (Central and Great L Ontario North, Onta Area Sections) CJ3A (VE3AT, op) VE3DZ W9RE NA8V	433,440  akes Divisions; Orio South, and Gr  1,627,500 1,374,330 1,282,890 738,369 583,665  477,756	MM  Intario East, Teater Toronto  SOHP SOHP SOHP SOHP
NØMA W5CT  Central Region (Central and Great L Ontario North, Onta Area Sections) CJ3A (VE3AT, op) VE3DZ W9RE NA8V K9BGL	433,440  akes Divisions; Orio South, and Gr  1,627,500 1,374,330 1,282,890 738,369 583,665	ntario East, reater Toronto  SOHP SOHP SOHP SOHP SOHP
NØMA W5CT  Central Region (Central and Great L Ontario North, Onta Area Sections) CJ3A (VE3AT, op) VE3DZ W9RE NA8V K9BGL	433,440  akes Divisions; Orio South, and Gr  1,627,500 1,374,330 1,282,890 738,369 583,665  477,756	MM  Intario East, Teater Toronto  SOHP SOHP SOHP SOHP SOHP SOHP
NØMA W5CT  Central Region (Central and Great L Ontario North, Onta Area Sections) CJ3A (VE3AT, op) VE3DZ W9RE NA8V K9BGL  N4TZ KD9MS	433,440  akes Divisions; Orio South, and Gr  1,627,500 1,374,330 1,282,890 738,369 583,665  477,756 165,042	MM  Intario East, Teater Toronto  SOHP SOHP SOHP SOHP SOHP SOHP SOHP
NØMA W5CT  Central Region (Central and Great L Ontario North, Onta Area Sections) CJ3A (VE3AT, op) VE3DZ W9RE NA8V K9BGL  N4TZ KD9MS VE3WG	433,440  akes Divisions; Orio South, and Gr  1,627,500 1,374,330 1,282,890 738,369 583,665  477,756 165,042 126,588	MM  Intario East, Teater Toronto  SOHP SOHP SOHP SOHP SOHP SOHP SOLP SOLP SOLP
NØMA  W5CT  Central Region (Central and Great L Ontario North, Onta Area Sections)  CJ3A (VE3AT, op) VE3DZ  W9RE  NA8V  K9BGL  N4TZ  KD9MS VE3WG  N8GLS  N7ZZ	433,440  akes Divisions; Orio South, and Gr  1,627,500 1,374,330 1,282,890 738,369 583,665  477,756 165,042 126,588 93,240 86,721	MM  Intario East, Teater Toronto  SOHP SOHP SOHP SOHP SOHP SOLP SOLP SOLP SOLP SOLP
NØMA  W5CT  Central Region (Central and Great L Ontario North, Onta Area Sections)  CJ3A (VE3AT, op)  VE3DZ  W9RE  NA8V  K9BGL  N4TZ  KD9MS  VE3WG  N8GLS  N7ZZ	433,440  akes Divisions; Orio South, and Gr  1,627,500 1,374,330 1,282,890 738,369 583,665  477,756 165,042 126,588 93,240 86,721 2,083,455	MM  Intario East, reater Toronto  SOHP SOHP SOHP SOHP SOHP SOLP SOLP SOLP SOLP SOLP SOLP SOLP SOL
NØMA  W5CT  Central Region (Central and Great L Ontario North, Onta Area Sections)  CJ3A (VE3AT, op) VE3DZ  W9RE  NA8V  K9BGL  N4TZ  KD9MS VE3WG  N8GLS  N7ZZ  VE3EJ  AA9A (N9UA, op)	433,440  akes Divisions; Orio South, and Gr  1,627,500 1,374,330 1,282,890 738,369 583,665  477,756 165,042 126,588 93,240 86,721  2,083,455 1,020,786	MM  ntario East, reater Toronto  SOHP SOHP SOHP SOHP SOLP SOLP SOLP SOLP SOLP SOLP SOLP SOL
NØMA  W5CT  Central Region (Central and Great L Ontario North, Onta Area Sections)  CJ3A (VE3AT, op) VE3DZ  W9RE NA8V K9BGL  N4TZ KD9MS VE3WG N8GLS N7ZZ  VE3EJ AA9A (N9UA, op) K8CX	433,440  akes Divisions; Orio South, and Gr  1,627,500 1,374,330 1,282,890 738,369 583,665  477,756 165,042 126,588 93,240 86,721  2,083,455 1,020,786 580,419	MM  Intario East, Teater Toronto  SOHP SOHP SOHP SOHP SOHP SOLP SOLP SOLP SOLP SOLP SOLP SOLP SOL
NØMA  W5CT  Central Region (Central and Great L Ontario North, Onta Area Sections)  CJ3A (VE3AT, op) VE3DZ  W9RE  NA8V  K9BGL  N4TZ  KD9MS VE3WG  N8GLS  N7ZZ  VE3EJ  AA9A (N9UA, op)	433,440  akes Divisions; Orio South, and Gr  1,627,500 1,374,330 1,282,890 738,369 583,665  477,756 165,042 126,588 93,240 86,721  2,083,455 1,020,786	MM  ntario East, reater Toronto  SOHP SOHP SOHP SOHP SOLP SOLP SOLP SOLP SOLP SOLP SOLP SOL
NØMA  W5CT  Central Region (Central and Great L Ontario North, Onta Area Sections)  CJ3A (VE3AT, op) VE3DZ  W9RE NA8V K9BGL  N4TZ KD9MS VE3WG N8GLS N7ZZ  VE3EJ AA9A (N9UA, op) K8CX	433,440  akes Divisions; Orio South, and Gr  1,627,500 1,374,330 1,282,890 738,369 583,665  477,756 165,042 126,588 93,240 86,721  2,083,455 1,020,786 580,419	MM  Intario East, Teater Toronto  SOHP SOHP SOHP SOHP SOHP SOLP SOLP SOLP SOLP SOLP SOLP SOLP SOL
NØMA  W5CT  Central Region (Central and Great L Ontario North, Onta Area Sections)  CJ3A (VE3AT, op) VE3DZ  W9RE NA8V K9BGL  N4TZ KD9MS VE3WG N8GLS N7ZZ  VE3EJ AA9A (N9UA, op) K8CX N8BI	433,440  akes Divisions; Orio South, and Gr  1,627,500 1,374,330 1,282,890 738,369 583,665  477,756 165,042 126,588 93,240 86,721  2,083,455 1,020,786 580,419 564,450	MM  Intario East, Teater Toronto  SOHP SOHP SOHP SOHP SOLP SOLP SOLP SOLP SOLP SOLP SOLP SOL
NØMA  W5CT  Central Region (Central and Great L Ontario North, Onta Area Sections)  CJ3A (VE3AT, op) VE3DZ  W9RE NA8V K9BGL  N4TZ KD9MS VE3WG N8GLS N7ZZ  VE3EJ AA9A (N9UA, op) K8CX N8BI	433,440  akes Divisions; Orio South, and Gr  1,627,500 1,374,330 1,282,890 738,369 583,665  477,756 165,042 126,588 93,240 86,721  2,083,455 1,020,786 580,419 564,450	MM  Intario East, Teater Toronto  SOHP SOHP SOHP SOHP SOLP SOLP SOLP SOLP SOLP SOLP SOLP SOL
NØMA  W5CT  Central Region (Central and Great L Ontario North, Onta Area Sections)  CJ3A (VE3AT, op) VE3DZ  W9RE NA8V K9BGL  N4TZ KD9MS VE3WG N8GLS N7ZZ  VE3EJ AA9A (N9UA, op) K8CX N8BI VE3CX	433,440  akes Divisions; Orio South, and Gr  1,627,500 1,374,330 1,282,890 738,369 583,665  477,756 165,042 126,588 93,240 86,721  2,083,455 1,020,786 580,419 564,450 411,102	MM  Intario East, Teater Toronto  SOHP SOHP SOHP SOHP SOHP SOLP SOLP SOLP SOLP SOLP SOLP SOLP SOL
NØMA  W5CT  Central Region (Central and Great L Ontario North, Onta Area Sections)  CJ3A (VE3AT, op) VE3DZ  W9RE NA8V K9BGL  N4TZ KD9MS VE3WG N8GLS N7ZZ  VE3EJ AA9A (N9UA, op) K8CX N8BI VE3CX  VA3DF	433,440  akes Divisions; Orio South, and Gr  1,627,500 1,374,330 1,282,890 738,369 583,665  477,756 165,042 126,588 93,240 86,721  2,083,455 1,020,786 580,419 564,450 411,102	MM  Intario East, Teater Toronto  SOHP SOHP SOHP SOHP SOLP SOLP SOLP SOLP SOLP SOLP SOLP SOUP SOUP SOUHP SOUHP SOUHP SOUHP SOUHP SOUHP
NØMA  W5CT  Central Region (Central and Great L Ontario North, Onta Area Sections)  CJ3A (VE3AT, op)  VE3DZ  W9RE  NA8V  K9BGL  N4TZ  KD9MS  VE3WG  N8GLS  N7ZZ  VE3EJ  AA9A (N9UA, op)  K8CX  N8BI  VE3CX  VA3DF  W9XT	433,440  akes Divisions; Orio South, and Gr  1,627,500 1,374,330 1,282,890 738,369 583,665  477,756 165,042 126,588 93,240 86,721  2,083,455 1,020,786 580,419 564,450 411,102  492,075 338,256	MM  Intario East, Teater Toronto  SOHP SOHP SOHP SOHP SOLP SOLP SOLP SOLP SOLP SOLP SOLP SOL

K8ZT	768	SOUQRP	
W8IQ	330	SOUQRP	
W8ALP	8,775	SO-160	
VE3PN	8,448	SO-160	
AJ4A	1,716	SO-160	
W8WTS	396	SO-160	
K9IDQ	6,720	SO-80	
140.01	6.054	50.40	
K9CJ	6,954	SO-40	
W9TA N9WEW	1,056	SO-40	
	714 297	SO-40 SO-40	
NJ9Q WA8RR	168	SO-40	
WAONN	100	30-40	
K8LX	59,961	SO-20	
W9ILY	46,161	SO-20	
W8WA	29,106	SO-20	
VE3TM	28,860	SO-20	
VE3FJ	20,184	SO-20	
	,		
K2UR	9,360	SO-15	
N8ATS	3,312	SO-15	
N9NBC	330	SO-15	
W5MX	1,223,100	MSHP	
W8PR	782,292	MSHP	
AC9S	128,100	MSHP	
W9WR	49,113	MSHP	
N8YXR	102,831	MSLP	
K9IU	20,088	MSLP	
W4CDA	2,754	MSLP	
K8AZ	1,573,341	M2	
K9CT	1,526,595	M2	
W8AJT	51,948	M2	
WODCN	E 000	N / N /	
W8DGN	5,808	MM	
Southeast Region			
(Delta, Roanoke and Southeastern Divisions)			
K4AB	1,179,240	SOHP	
N9NB	1,012,680	SOHP	
K4PV	400,587	SOHP	
AC4G	392,700	SOHP	
KU8E	303,726	SOHP	
	303,720	33	
N8II	254,514	SOLP	
W6DVS	247,038	SOLP	
K5FUV	211,410	SOLP	
WB4JFS	123,966	SOLP	
<u> </u>	·		

W4YE	123,552	SOLP
N9GQA	22,572	SOQRP
N4ZAK	11,220	SOQRP
WB4GHZ	720	SOQRP
KD4CB	396	SOQRP
N4RV	852,510	SOUHP
W4NF	851,580	SOUHP
N6AR	712,320	SOUHP
KT4Q	630,924	SOUHP
K5EK	588,924	SOUHP
W4ZAO	311,085	SOULP
W3OA	139,464	SOULP
WT8WV	124,416	SOULP
W2ECK	110,985	SOULP
K4SBZ	107,814	SOULP
KR4AE	63,882	SOUQRP
K3TW	32,040	SOUQRP
14/5 414/5/5		50.150
WB4WXE	6,240	SO-160
KACVT	0.720	50.00
K4SXT	9,720	SO-80
KY6G	12,384	SO-40
KD4RH	9,480	SO-40
W4JKC	8,772	SO-40
KE3VV	4,968	SO-40
N4DJ	1,368	SO-40
-	,	
AB4B	184,428	SO-20
KK4RT	34,776	SO-20
K1HG	2,088	SO-20
NS4T	1,311	SO-20
NX4TT	1,200	SO-20
KØEJ	9,048	SO-15
WN4AFP	4,836	SO-15
WD5DJW	2,706	SO-15
W1TEF	189	SO-15
W4DD	1,050	SO-10
N4TUT	504	SO-10
K4WI	165	SO-10
N4SVC	39,312	MSHP
ND1C	220 504	MCLD
ND1C	228,501	MSLP
WA1F	44,394	MSLP
WK1DS K4GIG	34,125 297	MSLP
N4UIU	291	MSLP

WV4P	367,200	M2
WØNA	21,243	MM
Northeast Region		
(New England, Huds Maritime and Queb		Divisions;
W2RE	2,187,936	SOHP
VY2ZM	2,021,838	SOHP
VY2TT (K6LA, op)	1,883,400	SOHP
N1UR	1,865,376	SOHP
AA1K	1,375,998	SOHP
K2SDS	220,584	SOLP
K3SU	132,300	SOLP
N1NQD	107,280	SOLP
N1ALO	103,680	SOLP
KJ2G	88,128	SOLP
W1MR	31,050	SOQRP
KZ3I	3,720	SOQRP
K2Q0	1,725	SOQRP
NC1I (K9PW, op)	1,671,288	SOUHP
N3RD	1,518,555	SOUHP
N3RS	1,469,952	SOUHP
K3WW	1,219,158	SOUHP
AA3B	1,155,054	SOUHP
K2XR	386,199	SOULP
KS1J	357,840	SOULP
W3KB	327,810	SOULP
N2SQW	257,670	SOULP
NY6DX	180,432	SOULP
VE2JFM	14,220	SOUQRP
W2MF	13,356	SO-160
WF2W	6,888	SO-160
KM1R	1,140	SO-160
K1WHS	1,071	SO-160
AG1YK	168	SO-160
W3BGN	47,286	SO-80
WU2X	29,700	SO-80
W3NO	27,126	SO-80
K1HX (K1HC, op)	6,549	SO-80
VE9ML	4,278	SO-80
KA1IS	26,970	SO-40
KT3RR	13,356	SO-40
NM2R	11,280	SO-40
W2LP	1,224	SO-40
KC3LEE	147	SO-40

K1LZ (K3JO, op)         550,884         SO-20           W1QK         86,652         SO-20           W1AVK         75,768         SO-20           VA2WA         50,301         SO-20           WB2KLD         26,496         SO-20           KU2M         10,944         SO-15           K3UA         1,632         SO-15           WB2AMU         507         SO-15           W3EH         324         SO-15           VE2NCG         48         SO-15           N1MM         1,772,136         MSHP           KA1ZD         964,953         MSHP           K1VR         905,454         MSHP           W3LL         850,080         MSHP           VE2BWL         673,263         MSHP           VO1NAR         207,495         MSLP           W1FM         75,810         MSLP           W1SRG         6,156         MSLP           VE9ND         144         MSLP           W4KZ         1,656,036         M2           N2RJ         1,124,835         M2           K2AX         951,936         M2           K2OO         867,312         M2			
W1AVK         75,768         SO-20           VA2WA         50,301         SO-20           WB2KLD         26,496         SO-20           KU2M         10,944         SO-15           K3UA         1,632         SO-15           WB2AMU         507         SO-15           W3EH         324         SO-15           VE2NCG         48         SO-15           N1MM         1,772,136         MSHP           KA1ZD         964,953         MSHP           K1VR         905,454         MSHP           W3LL         850,080         MSHP           VE2BWL         673,263         MSHP           VE2BWL         673,263         MSHP           VO1NAR         207,495         MSLP           W1FM         75,810         MSLP           W1FM         75,810         MSLP           W1SRG         6,156         MSLP           W4KZ         1,656,036         M2           N2RJ         1,124,835         M2           K2AX         951,936         M2           K2AX         951,936         M2           K3LR         4,784,664         MM	K1LZ (K3JO, op)	550,884	SO-20
VA2WA         50,301         SO-20           WB2KLD         26,496         SO-20           KU2M         10,944         SO-15           K3UA         1,632         SO-15           WB2AMU         507         SO-15           W3EH         324         SO-15           VE2NCG         48         SO-15           N1MM         1,772,136         MSHP           KA1ZD         964,953         MSHP           K1VR         905,454         MSHP           W3LL         850,080         MSHP           VE2BWL         673,263         MSHP           VO1NAR         207,495         MSLP           W1FM         75,810         MSLP           W1FM         75,810         MSLP           W1SRG         6,156         MSLP           W2SND         144         MSLP           W4KZ         1,656,036         M2           W2RJ         1,124,835         M2           K2AX         951,936         M2           KØOO         867,312         M2           W2CG         685,575         M2           K3LR         4,784,664         MM           W3LPL <td>W1QK</td> <td>86,652</td> <td>SO-20</td>	W1QK	86,652	SO-20
WB2KLD       26,496       SO-20         KU2M       10,944       SO-15         K3UA       1,632       SO-15         WB2AMU       507       SO-15         W3EH       324       SO-15         VE2NCG       48       SO-15         N1MM       1,772,136       MSHP         KA1ZD       964,953       MSHP         K1VR       905,454       MSHP         W3LL       850,080       MSHP         VE2BWL       673,263       MSHP         VO1NAR       207,495       MSLP         W1FM       75,810       MSLP         W1SRG       6,156       MSLP         VE9ND       144       MSLP         W4KZ       1,656,036       M2         N2RJ       1,124,835       M2         K2AX       951,936       M2         KØOO       867,312       M2         W2CG       685,575       M2         K3LR       4,784,664       MM         W3LPL       3,711,708       MM         K1KI       2,070,552       MM         K1TTT       1,889,160       MM	W1AVK	75,768	SO-20
KU2M       10,944       SO-15         K3UA       1,632       SO-15         WB2AMU       507       SO-15         W3EH       324       SO-15         VE2NCG       48       SO-15         N1MM       1,772,136       MSHP         KA1ZD       964,953       MSHP         K1VR       905,454       MSHP         W3LL       850,080       MSHP         VE2BWL       673,263       MSHP         VE2BWL       673,263       MSLP         W1FM       75,810       MSLP         W1SRG       6,156       MSLP         VE9ND       144       MSLP         W4KZ       1,656,036       M2         N2RJ       1,124,835       M2         K2AX       951,936       M2         KØOO       867,312       M2         W2CG       685,575       M2         K3LR       4,784,664       MM         K1KI       2,070,552       MM         K1TTT       1,889,160       MM	VA2WA	50,301	SO-20
K3UA       1,632       SO-15         WB2AMU       507       SO-15         W3EH       324       SO-15         VE2NCG       48       SO-15         N1MM       1,772,136       MSHP         KA1ZD       964,953       MSHP         K1VR       905,454       MSHP         W3LL       850,080       MSHP         VE2BWL       673,263       MSHP         VO1NAR       207,495       MSLP         W1FM       75,810       MSLP         W1FM       75,810       MSLP         W1FM       75,810       MSLP         W2SRG       6,156       MSLP         VE9ND       144       MSLP         W4KZ       1,656,036       M2         N2RJ       1,124,835       M2         K2AX       951,936       M2         KØOO       867,312       M2         W2CG       685,575       M2         K3LR       4,784,664       MM         K1KI       2,070,552       MM         K1TTT       1,889,160       MM	WB2KLD	26,496	SO-20
K3UA       1,632       SO-15         WB2AMU       507       SO-15         W3EH       324       SO-15         VE2NCG       48       SO-15         N1MM       1,772,136       MSHP         KA1ZD       964,953       MSHP         K1VR       905,454       MSHP         W3LL       850,080       MSHP         VE2BWL       673,263       MSHP         VO1NAR       207,495       MSLP         W1FM       75,810       MSLP         W1FM       75,810       MSLP         W1FM       75,810       MSLP         W2SRG       6,156       MSLP         VE9ND       144       MSLP         W4KZ       1,656,036       M2         N2RJ       1,124,835       M2         K2AX       951,936       M2         KØOO       867,312       M2         W2CG       685,575       M2         K3LR       4,784,664       MM         K1KI       2,070,552       MM         K1TTT       1,889,160       MM			
WB2AMU       507       SO-15         W3EH       324       SO-15         VE2NCG       48       SO-15         N1MM       1,772,136       MSHP         KA1ZD       964,953       MSHP         K1VR       905,454       MSHP         W3LL       850,080       MSHP         VE2BWL       673,263       MSHP         VO1NAR       207,495       MSLP         W1FM       75,810       MSLP         W1SRG       6,156       MSLP         VE9ND       144       MSLP         W4KZ       1,656,036       M2         N2RJ       1,124,835       M2         K2AX       951,936       M2         KØOO       867,312       M2         W2CG       685,575       M2         K3LR       4,784,664       MM         K1KI       2,070,552       MM         K1TTT       1,889,160       MM	KU2M	10,944	SO-15
W3EH       324       SO-15         VE2NCG       48       SO-15         N1MM       1,772,136       MSHP         KA1ZD       964,953       MSHP         K1VR       905,454       MSHP         W3LL       850,080       MSHP         VE2BWL       673,263       MSHP         VO1NAR       207,495       MSLP         W1FM       75,810       MSLP         W1SRG       6,156       MSLP         VE9ND       144       MSLP         W4KZ       1,656,036       M2         N2RJ       1,124,835       M2         K2AX       951,936       M2         K2AX       951,936       M2         KØOO       867,312       M2         W2CG       685,575       M2         K3LR       4,784,664       MM         K3LR       4,784,664       MM         K1KI       2,070,552       MM         K1TTT       1,889,160       MM	K3UA	1,632	SO-15
VE2NCG       48       SO-15         N1MM       1,772,136       MSHP         KA1ZD       964,953       MSHP         K1VR       905,454       MSHP         W3LL       850,080       MSHP         VE2BWL       673,263       MSHP         VO1NAR       207,495       MSLP         W1FM       75,810       MSLP         W1SRG       6,156       MSLP         AC3M       585       MSLP         VE9ND       144       MSLP         W4KZ       1,656,036       M2         N2RJ       1,124,835       M2         K2AX       951,936       M2         KØOO       867,312       M2         W2CG       685,575       M2         K3LR       4,784,664       MM         W3LPL       3,711,708       MM         K1KI       2,070,552       MM         K1TTT       1,889,160       MM	WB2AMU	507	SO-15
N1MM       1,772,136       MSHP         KA1ZD       964,953       MSHP         K1VR       905,454       MSHP         W3LL       850,080       MSHP         VE2BWL       673,263       MSHP         VO1NAR       207,495       MSLP         W1FM       75,810       MSLP         W1SRG       6,156       MSLP         AC3M       585       MSLP         VE9ND       144       MSLP         W4KZ       1,656,036       M2         N2RJ       1,124,835       M2         K2AX       951,936       M2         KØOO       867,312       M2         W2CG       685,575       M2         K3LR       4,784,664       MM         W3LPL       3,711,708       MM         K1KI       2,070,552       MM         K1TTT       1,889,160       MM	W3EH	324	SO-15
KA1ZD       964,953       MSHP         K1VR       905,454       MSHP         W3LL       850,080       MSHP         VE2BWL       673,263       MSHP         VO1NAR       207,495       MSLP         W1FM       75,810       MSLP         W1SRG       6,156       MSLP         AC3M       585       MSLP         VE9ND       144       MSLP         W4KZ       1,656,036       M2         N2RJ       1,124,835       M2         K2AX       951,936       M2         KØOO       867,312       M2         W2CG       685,575       M2         K3LR       4,784,664       MM         W3LPL       3,711,708       MM         K1KI       2,070,552       MM         K1TTT       1,889,160       MM	VE2NCG	48	SO-15
KA1ZD       964,953       MSHP         K1VR       905,454       MSHP         W3LL       850,080       MSHP         VE2BWL       673,263       MSHP         VO1NAR       207,495       MSLP         W1FM       75,810       MSLP         W1SRG       6,156       MSLP         AC3M       585       MSLP         VE9ND       144       MSLP         W4KZ       1,656,036       M2         N2RJ       1,124,835       M2         K2AX       951,936       M2         KØOO       867,312       M2         W2CG       685,575       M2         K3LR       4,784,664       MM         W3LPL       3,711,708       MM         K1KI       2,070,552       MM         K1TTT       1,889,160       MM			
K1VR         905,454         MSHP           W3LL         850,080         MSHP           VE2BWL         673,263         MSHP           VO1NAR         207,495         MSLP           W1FM         75,810         MSLP           W1SRG         6,156         MSLP           AC3M         585         MSLP           VE9ND         144         MSLP           W4KZ         1,656,036         M2           N2RJ         1,124,835         M2           K2AX         951,936         M2           KØOO         867,312         M2           W2CG         685,575         M2           K3LR         4,784,664         MM           W3LPL         3,711,708         MM           K1KI         2,070,552         MM           K1TTT         1,889,160         MM	N1MM	1,772,136	MSHP
W3LL       850,080       MSHP         VE2BWL       673,263       MSHP         VO1NAR       207,495       MSLP         W1FM       75,810       MSLP         W1SRG       6,156       MSLP         AC3M       585       MSLP         VE9ND       144       MSLP         W4KZ       1,656,036       M2         N2RJ       1,124,835       M2         K2AX       951,936       M2         KØOO       867,312       M2         W2CG       685,575       M2         K3LR       4,784,664       MM         W3LPL       3,711,708       MM         K1KI       2,070,552       MM         K1TTT       1,889,160       MM	KA1ZD	964,953	MSHP
VE2BWL         673,263         MSHP           VO1NAR         207,495         MSLP           W1FM         75,810         MSLP           W1SRG         6,156         MSLP           AC3M         585         MSLP           VE9ND         144         MSLP           W4KZ         1,656,036         M2           N2RJ         1,124,835         M2           K2AX         951,936         M2           KØOO         867,312         M2           W2CG         685,575         M2           K3LR         4,784,664         MM           W3LPL         3,711,708         MM           K1KI         2,070,552         MM           K1TTT         1,889,160         MM	K1VR	905,454	MSHP
VO1NAR         207,495         MSLP           W1FM         75,810         MSLP           W1SRG         6,156         MSLP           AC3M         585         MSLP           VE9ND         144         MSLP           W4KZ         1,656,036         M2           N2RJ         1,124,835         M2           K2AX         951,936         M2           KØOO         867,312         M2           W2CG         685,575         M2           K3LR         4,784,664         MM           W3LPL         3,711,708         MM           K1KI         2,070,552         MM           K1TTT         1,889,160         MM	W3LL	850,080	MSHP
W1FM         75,810         MSLP           W1SRG         6,156         MSLP           AC3M         585         MSLP           VE9ND         144         MSLP           W4KZ         1,656,036         M2           N2RJ         1,124,835         M2           K2AX         951,936         M2           KØOO         867,312         M2           W2CG         685,575         M2           K3LR         4,784,664         MM           W3LPL         3,711,708         MM           K1KI         2,070,552         MM           K1TTT         1,889,160         MM	VE2BWL	673,263	MSHP
W1FM         75,810         MSLP           W1SRG         6,156         MSLP           AC3M         585         MSLP           VE9ND         144         MSLP           W4KZ         1,656,036         M2           N2RJ         1,124,835         M2           K2AX         951,936         M2           KØOO         867,312         M2           W2CG         685,575         M2           K3LR         4,784,664         MM           W3LPL         3,711,708         MM           K1KI         2,070,552         MM           K1TTT         1,889,160         MM			
W1SRG       6,156       MSLP         AC3M       585       MSLP         VE9ND       144       MSLP         W4KZ       1,656,036       M2         N2RJ       1,124,835       M2         K2AX       951,936       M2         KØOO       867,312       M2         W2CG       685,575       M2         K3LR       4,784,664       MM         W3LPL       3,711,708       MM         K1KI       2,070,552       MM         K1TTT       1,889,160       MM	VO1NAR	· · · · · · · · · · · · · · · · · · ·	MSLP
AC3M       585       MSLP         VE9ND       144       MSLP         W4KZ       1,656,036       M2         N2RJ       1,124,835       M2         K2AX       951,936       M2         KØOO       867,312       M2         W2CG       685,575       M2         K3LR       4,784,664       MM         W3LPL       3,711,708       MM         K1KI       2,070,552       MM         K1TTT       1,889,160       MM	W1FM	75,810	MSLP
VE9ND       144       MSLP         W4KZ       1,656,036       M2         N2RJ       1,124,835       M2         K2AX       951,936       M2         KØOO       867,312       M2         W2CG       685,575       M2         K3LR       4,784,664       MM         W3LPL       3,711,708       MM         K1KI       2,070,552       MM         K1TTT       1,889,160       MM	W1SRG	6,156	MSLP
W4KZ 1,656,036 M2 N2RJ 1,124,835 M2 K2AX 951,936 M2 KØOO 867,312 M2 W2CG 685,575 M2  K3LR 4,784,664 MM W3LPL 3,711,708 MM K1KI 2,070,552 MM K1TTT 1,889,160 MM	AC3M	585	MSLP
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N2RJ 1,124,835 M2  K2AX 951,936 M2  KØOO 867,312 M2  W2CG 685,575 M2  K3LR 4,784,664 MM  W3LPL 3,711,708 MM  K1KI 2,070,552 MM  K1TTT 1,889,160 MM			
K2AX       951,936       M2         KØOO       867,312       M2         W2CG       685,575       M2         K3LR       4,784,664       MM         W3LPL       3,711,708       MM         K1KI       2,070,552       MM         K1TTT       1,889,160       MM	W4KZ	1,656,036	M2
KØOO       867,312       M2         W2CG       685,575       M2         K3LR       4,784,664       MM         W3LPL       3,711,708       MM         K1KI       2,070,552       MM         K1TTT       1,889,160       MM	N2RJ	1,124,835	M2
W2CG       685,575       M2         K3LR       4,784,664       MM         W3LPL       3,711,708       MM         K1KI       2,070,552       MM         K1TTT       1,889,160       MM	K2AX	951,936	M2
K3LR       4,784,664       MM         W3LPL       3,711,708       MM         K1KI       2,070,552       MM         K1TTT       1,889,160       MM	кøоо	867,312	M2
W3LPL       3,711,708       MM         K1KI       2,070,552       MM         K1TTT       1,889,160       MM	W2CG	685,575	M2
W3LPL       3,711,708       MM         K1KI       2,070,552       MM         K1TTT       1,889,160       MM			
K1KI       2,070,552       MM         K1TTT       1,889,160       MM			MM
K1TTT 1,889,160 MM	W3LPL		MM
	K1KI		MM
NE3F 834,588 MM	K1TTT	1,889,160	MM
	NE3F	834,588	MM

A striking result in the regional leaders list is in Central Region, where Canadian stations won or went 1 and 2 in four of the 14 categories represented. And, as mentioned earlier, a tight race in the Northeast Region saw NC1I (K9PW, op.), N3RD and N3RS all within 200,000 points of each other in Single Operator Unlimited, High Power. It was a tight race between N8II and W6DVS in the Southeast Region in Single Operator, Low Power, with fewer than 8,000 points between them, and in Single Operator High Power, N4RV and W4NF had only 930 points between them.

#### Division Winners W/VE

Single Operator, High	Power	
Atlantic	AA1K	1,375,998
Central	W9RE	1,282,890
Dakota	кøтт	414,120
Delta	AC4G	392,700
Great Lakes	NA8V	738,369
Hudson	K2XA	931,515
Midwest	N7WY	142,800
New England	W2RE	2,187,936
Northwestern	W7AT (W7EW, op)	233,280
Pacific	K6JAT	70,680
Roanoke	N9NB	1,012,680
Rocky Mountain	N2IC	311,619
Southeastern	K4AB	1,179,240
	NO6T (KI6RRN, op	
Southwestern	@WA6TQT)	1,003,749
West Gulf	N5AW	600,894
Canada	VY2ZM	2,021,838
Single Operator, Low		
Atlantic	K2SDS	220,584
Central	N4TZ	477,756
Dakota	NGØC	62,658
Delta	K5FUV	211,410
Great Lakes	N8GLS	93,240
Hudson	KC2QJB	66,066
Midwest	KBØARZ	32,472
New England	N1ALO	103,680
Northwestern	W8BFX	30,003
Pacific	W6YX (N7MH, op)	259,038
Roanoke	N8II	254,514
Rocky Mountain	KØKR	8,640
Southeastern	KC4TEO	46,359
Southwestern	N7IR	167,076
West Gulf	W5FN	126,684
Canada	VE3WG	126,588
Single Operator, QRP		
Atlantic	KZ3I	3,720
Dakota	NDØC	4,773
Delta	WB4GHZ	720
New England	W1MR	31,050
Northwestern	KK7VL	351
Pacific	N6OSB	36
Roanoke	N4ZAK	11,220

105 22,572 V8QZA, op) 30,672 100,989
V8QZA, op) 30,672 100,989
100,989
Power
POWEL
1,518,555
9UA, op) 1,020,786
355,656
493,215
580,419
W2Y, op) 828,240
157,191
PW, op) 1,671,288
804,549
503,100
852,510
228,552
712,320
155,976
381,225
2,083,455
Power
386,199
338,256
AØAW, op) 86,487
3,861
183,726
257,670
180,276
357,840
68,085
152,100
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47,064
110,985
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Single Operator, 16	0 Meters	
Atlantic	W2MF	13,356
Great Lakes	W8ALP	8,775
New England	KM1R	1,140
Northwestern	K7CW	1,020
Pacific	W6RKC	168
Southeastern	WB4WXE	6,240
Canada	VE3PN	8,448
Single Operator, 80	Meters	
Atlantic	W3BGN	47,286
Central	K9IDQ	6,720
Dakota	NØOK	3,741
Hudson	WU2X	29,700
New England	K1HX (K1HC, op)	6,549
Northwestern	K7IU	3,480
Pacific	WZ6ZZ	18
Southeastern	K4SXT	9,720
West Gulf	KG5WRZ	2,592
Canada	VE9ML	4,278
Single Operator, 40	Meters	
Atlantic	KT3RR	13,356
Central	K9CJ	6,954
Great Lakes	WA8RR	168
Hudson	NM2R	11,280
New England	KA1IS	26,970
Northwestern	W7WA	150,780
Roanoke	KD4RH	9,480
Rocky Mountain	KØRF	111,300
Southeastern	KY6G	12,384
Southwestern	WØRIC	17,712
West Gulf	W5WI	780
Single Operator, 20	Meters	
Atlantic	WB2KLD	26,496
Central	W9ILY	46,161
Dakota	WØND	11,076
Great Lakes	K8LX	59,961
Hudson	WX2N	2,730
Midwest	WØEWD (@NØNI)	238,260
New England	K1LZ (K3JO, op)	550,884
Northwestern	W7PU	12,642
Pacific	K7ACZ	15,933
Roanoke	K4FBI	1,188
Rocky Mountain	K7DBN	312
Southeastern	AB4B	184,428

Southwestern	N7RQ	89,604
West Gulf	wøvx	2,346
Canada	VA2WA	50,301
Single Operator, 15	Meters	
Atlantic	K3UA	1,632
Central	K2UR	9,360
Delta	KØEJ	9,048
Hudson	KU2M	10,944
Midwest	NØJK	270
Pacific	K2YY	12,342
Roanoke	WN4AFP	4,836
Southwestern	N6RM	3,312
West Gulf	AF5CC	1,071
Canada	VE2NCG	48
Single Operator, 10	Meters	
Southeastern	W4DD	1,050
Multioperator, Sing	le Transmitter, High Power	
Atlantic	W3LL	850,080
Central	AC9S	128,100
Dakota	KEØTL	149,943
Great Lakes	W5MX	1,223,100
Hudson	W2IRT	534,303
New England	N1MM	1,772,136
Northwestern	W7RM	513,525
Rocky Mountain	KØDDD	169,092
Southeastern	N4SVC	39,312
Southwestern	W6UE	8,064
West Gulf	K5TR	1,543,797
Canada	VE2BWL	673,263
Multioperator, Sing	gle Transmitter, Low Power	
Atlantic	AC3M	585
Central	K9IU	20,088
Great Lakes	N8YXR	102,831
New England	W1FM	75,810
Southeastern	ND1C	228,501
Canada	VO1NAR	207,495
		1

Multioperator, Tw	o Transmitter	
Atlantic	K2AX	951,936
Central	к9СТ	1,526,595
Delta	WV4P	367,200
Great Lakes	K8AZ	1,573,341
Hudson	N2RJ	1,124,835
Midwest	NØMA	341,445
New England	W4KZ	1,656,036
Northwestern	K7ZS	395,136
Southwestern	NX6T	587,703
Canada	VE6FI	160,200
Multioperator, Mu	ltitransmitter	
Atlantic	K3LR	4,784,664
Great Lakes	W8DGN	5,808
New England	K1KI	2,070,552
Pacific	N6WM	1,163,799
Roanoke	WØNA	21,243
West Gulf	W5CT	433,440

Be sure to check out our 2019 Sponsored Plaque Winners list that follows. Congratulations to all the winners! If you are interested in sponsoring a plaque, please contact ARRL HQ (contests@arrl.org) to find out what plaques are still available.

For additional event details, check out the ARRL Contest Results Article's link (select the appropriate year in the list, then scroll down to the event) at <a href="http://www.arrl.org/contest-results-articles">http://www.arrl.org/contest-results-articles</a>

There was a little something for everyone in the 2019 ARRL DX Phone contest. Even band condition challenges can be helpful, as they can be used to help improve contesting skills, expand your knowledge of propagation, and/or to develop new strategies for future events. With many categories to choose from, the ARRL DX contest is hours of fun for stations of all sizes. And participating in this event may increase your DXCC Award totals as well.

We hope you all enjoyed this running of the 2019 ARRL DX contest SSB, and we look forward to you joining us again on March 7-8, 2020!

# **2019 ARRL DX Contest - Sponsored Plaque Winners**

There are numerous contest plaques that go unsponsored each year. If you or your club is interested in sponsoring a plaque, please contact the ARRL Contest Branch at contests@arrl.org.

Plaques are currently priced at \$75.00 (US), which includes all shipping and handling costs to the winner. In 2020, the plaque fee will become \$80.00 (US).

Send your plaque fee (US Funds) payment by check (make payable to "ARRL") and mail to:

ARRL - Contest Plaques, 225 Main St, Newington CT 06111 USA

Winner	Plaque Category	Plaque Sponsor
CW Winners		
N5DX (@N2QV)	W/VE Single Operator High Power CW	Frankford Radio Club
N9NB	W/VE Single Operator Low Power CW	The CW Operators' Club
K8CN	W/VE Single Operator QRP CW	Bill Parker, W8QZA
KI1G	W/VE Single Operator Unlimited, High Power CW	Harold Ritchey, W3WPG Memorial
K5KU	W/VE Single Operator Unlimited, Low Power CW	Chick Allen, NW3Y
W4KZ	W/VE Multioperator Single Transmitter High Power CW	The CW Operators' Club
W2FU	W/VE Multioperator Two Transmitter CW	The CW Operators' Club
W3LPL	W/VE Multioperator Unlimited Transmitter CW	Drew Vonada-Smith, K3PA
W4ZV	W/VE 1.8 MHz CW	Jerry Rosalius, WB9Z
W3BGN	W/VE 3.5 MHz CW	The CW Operators' Club
N800	W/VE 7 MHz CW	Drew Vonada-Smith, K3PA
K1LZ (E78WW op)	W/VE 14 MHz CW	The CW Operators' Club
K4OAQ	W/VE 21 MHz CW	Carl Luetzelschwab, K9LA
W4DD	W/VE 28 MHz CW	Richard Hassell-Bennett, KØXG
8P5A	World Single Operator High Power CW	North Jersey DX Association
ZF9CW	World Single Operator Low Power CW	The CW Operators' Club
IZ3NVR	World Single Operator QRP CW	The CW Operators' Club
NP4Z	World Single Operator Unlimited, High Power CW	The CW Operators' Club
P4ØW (W2GD op)	World Single Operator Unlimited, Low Power CW	The CW Operators' Club
PJ2T	World Multioperator Unlimited CW	H Stephen Miller, NØSM
ZF1A	World Multioperator Single Transmitter, High Power CW	John Patterson WCØW/V31TP
V3T	World Multioperator, Single Transmitter, Low Power CW	John Patterson WCØW/V31TP
PJ4A	World Multioperator Two Transmitters CW	Frankford Radio Club - K2TD Memorial
XE2X	World 3.5 MHz CW	W1FJ, In Memory of W1BIH & N4XR
V37DX (DH8BQA,		
op)	World 14 MHz CW	Caribbean Contesting Consortium - PJ2T
KP2M (KT3Y, op)	World 7 MHz CW	The CW Operators' Club
N5DX (@N2QV)	North America Single Operator High Power CW	Potomac Valley Radio Club
K8CN	North America Single Operator QRP CW	The CW Operators' Club
ZF9CW	North America Single Operator Low Power CW	Fred Hoffert, NA2U
	North America Multioperator Single Transmitter	
ZF1A	CW	The CW Operators' Club
KL7RA	North America Multioperator Unlimited CW	The CW Operators' Club
AA1K	Atlantic Division Single Operator CW	Chick Allen, NW3Y

WYBRE         Central Division Single Operator High Power CW         Society of Midwest Contesters           N4TZ         Central Division Single Operator Unlimited, High         Society of Midwest Contesters           WB92         Power CW         Society of Midwest Contesters           NSCO         Power CW         Society of Midwest Contesters           A9A         Central Division Multioperator Single Transmitter         Society of Midwest Contesters           A9A         CW         Society of Midwest Contesters           NASW         Great Lakes Division Single Operator CW         North Coast Contesters           North Coast Contesters         North Coast Contesters           NABAW         Seventh Call Area Single Operator Unlimited         Randall Stegemeyer, W7HR           K7RL         CW         Williamette Valley DX Club           K6GHA         Pacific Division Single Operator Low Power CW         Central California DX Club, Inc. W6MEL           K6GHA         Pacific Division Single Operator CW         The CW Operator's Club           JO4IKL         Asia Single Operator CW         The CW Operator's Club           JUAUX         Asia Multioperator Single Transmitter High Power CW         Yankee Clipper Contest Club           LEAPOR         Europe Single Operator Unlimited, High Power CW         The CW Operator's Club           LEAPOR		1	
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NPB92   Power CW   Central Division Single Operator Unlimited, Low   Power CW   Power CW   Society of Midwest Contesters	N4TZ	Central Division Single Operator Low Power CW	Society of Midwest Contesters
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NABV Great Lakes Division Single Operator CW Northwestern Division Single Operator Unlimited K7RL CW N9RV Seventh Call Area Single Operator High Power CW K6GHA Pacific Division Single Operator Low Power CW EASRM Africa Single Operator Low Power CW Asia Single Operator High Power CW Asia Single Operator High Power CW The CW Operator's Club J04JKL Asia Single Operator High Power CW The CW Operator's Club Asia Multioperator Single Transmitter High Power CW Terministry CW ZF9CW Caribbean Single Operator Low Power CW Transmitter High Power L05AXX Europe Single Operator App CW L05AXX Europe Single Operator App CW L05AXX Europe Single Operator High Power CW L05AXX Europe Single Operator High Power CW L05AXX Europe Multioperator Single Transmitter CW L05AXX Europe Multioperator Single Transmitter CW L05AXX Europe Multioperator Two Transmitter CW L05AXA Europe Multioperator Two Transmitter CW L05AXA Europe Multioperator Low Power CW L05AXA Europe Multioperator CW L05AXA Europe Multioperator CW L05AXA Europe Single Operator CW L05AXA Europe Multioperator CW L05AXA Europe Multioperator CW L05AXA Europe Multioperator CW L05AXA Europe Multioperator CW L05AXA Europe Single Operator High Power Phone  V2TT (K6LA, op)  V2TT (K6LA, op)  V2TE (K6LA, op) Phone Winners  W/VE Single Operator High Power Phone  V2TE (W1AXA W/VE J MHz Phone  V2TE (W1AXA W/VE J MHz Phone  V2TE (W1AXA W/VE J MHz Phone  North America Multioperator Single Transmitter, High Power Phone  North A			
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N9RV Seventh Call Area Single Operator High Power CW K6GHA Pacific Division Single Operator Low Power CW Central California DX Club, Inc. W6MEL EA8RM Africa Single Operator CW The CW Operator's Club JOAJKL Asia Single Operator High Power CW The CW Operator's Club JAUNI Asia Multioperator Single Transmitter High Power CW The CW Operator's Club Vankee Clipper Contest Club Vankee Clipper Makee Vankee Vanke	K7RL		Randall Stegemeyer, W7HR
K6GHA Pacific Division Single Operator Low Power CW EARM Africa Single Operator CW JOAJKL Asia Single Operator High Power CW Asia Multioperator Single Transmitter High Power CW JOAJKR Caribbean Single Operator Low Power CW JEPCW Caribbean Single Operator Low Power CW JESANKR Europe Single Operator Low Power CW JIM George, N3BB DL6FBL Europe Single Operator Unlimited, High Power CW JIM George, N3BB DL6FBL Europe Multioperator Single Transmitter CW JIM George, N3BB DL6FBL Europe Multioperator Two Transmitter CW JIM George, N3BB DL6FBL Europe Multioperator Single Transmitter CW JIM George, N3BB DL6FBL Europe Multioperator Two Transmitter CW JIM George, N3BB DL6FBL Europe Multioperator Two Transmitter CW JIM George, N3BB DL6FBL Europe Multioperator Two Transmitter CW JIM George, N3BB DL6FBL Europe Multioperator Single Transmitter CW JIM George, N3BB DL6FBL Europe Multioperator Single Transmitter CW JIM George, N3BB DL6FBL Europe Multioperator Two Transmitter CW JIM George, N3BB DL6FBL Europe Multioperator Single Transmitter CW JIM George, N3BB DL6FBL Europe Maltioperator Single Operator CW JIM George, N3BB JIM George	N9RV	Seventh Call Area Single Operator High Power CW	
EA8RM Africa Single Operator CW JOAJIKL Asia Single Operator High Power CW Asia Multioperator Single Transmitter High Power Yankee Clipper Contest Club Yankee Clipper Contest Club  Yankee Clipper Contest Club  Yankee Clipper Contest Club  Yankee Clipper Contest Club  Yankee Clipper Contest Club  Yankee Clipper Contest Club Yankee Clipper Contest Club  Yankee Clipper Contest Club Yankee Clipper Contest Club  Yankee Clipper Contest Club  Yankee Clipper Contest Club Yankee Clipperator's Club Power Phone Yankee Clipperator's Club Yankee Clipperator's Club Power Phone Yankee Clipperator's Club Yankee Clipperat	K6GHA		<del>}</del>
JOAJKL Asia Single Operator High Power CW Asia Multioperator Single Transmitter High Power CW ZF9CW Caribbean Single Operator Low Power CW ZF9CW The CW Operators' Club DLSAXX Europe Single Operator High Power CW DLSAXX Europe Single Operator High Power CW DLSAXX Europe Single Operator Unlimited, High Power CW DLSAXX Europe Multioperator Single Transmitter CW DLSAXX Europe Multioperator Two Transmitter CW DLSAX Europe Multioperator Two Transmitter CW DLSAA Europe Multioperator Two Transmitter CW DLSAA Europe Multioperator Low Power CW DLSAA Europe Multioperator Unlimited, High Power DLSAA Europe Multioperator Unlimited Transmitter Phone DLSAA Europe Multioperator High Power Phone DLSAA Europe DLSAA Europe DLSAA Europerator Unlimited Transmitter, High Power Phone DLSAA Europe DLSAA Europe Phone DLSAA Europe DLSAA Europe Phone DLSAA Europe Care Phone Europe Amateur Radio Lab DLSAA Europe Careba Europe Amateur Radio Lab DLSAA Europe Careba Europe Amateur Radio Lab D	EA8RM	<del>                                     </del>	
Asia Multioperator Single Transmitter High Power CW Caribbean Single Operator Low Power CW Frankford Radio Club - 9Y4VU Memorial IZ3NVR Europe Single Operator QRP CW DL5AXX Europe Single Operator High Power CW Jim George, N3BB DL6FBL Europe Single Operator Unlimited, High Power CW Jim George, N3BB DL6FBL Europe Single Operator Unlimited, High Power CW Jim George, N3BB DL6FBL Europe Single Operator Unlimited, High Power CW Jer CW Operators' Club CW4DX Europe Multioperator Two Transmitter CW The CW Operators' Club Europe Multioperator Two Transmitter CW Jeff Hartley, N8II PA1A Europe Multioperator Unlimited CW Jeff Hartley, N8II PA1A Europe Multioperator Unlimited, High Power Phone WYLE Single Operator High Power Phone WYLE Single Operator High Power Phone WYLE Myle 21 MHz Phone Northern Illinois DX Association WYRE USA Single Operator High Power Phone WYLE Myle 21 MHz Phone North America Multioperator Single Transmitter, High Power Phone WYLE Morld Single Operator High Power Phone WYLE Morld Single Operator High Power Phone WUSCW World Single Operator High Power Phone World Single Operator Unlimited, High Power Phone World Single Ope		<del>                                     </del>	·
JH4UYB CW ZF9CW Caribbean Single Operator Low Power CW ZF9CW Europe Single Operator QRP CW DLSAXX Europe Single Operator High Power CW DLSAXX Europe Single Operator Unlimited, High Power CW DLSAXX Europe Single Operator Unlimited, High Power CW DLSAXX Europe Single Operator Unlimited, High Power CW DLSAXX Europe Multioperator Single Transmitter CW The CW Operators' Club The CW Operators' Club CU4DX Europe Multioperator Two Transmitter CW The CW Operators' Club GM5A Europe Multioperator Unlimited CW GM5A Europe Multioperator Unlimited CW DA1A Europe Multioperator Single Operator CW DA1A Europe Multioperator Single Operator CW DA1A Europe Multioperator High Power CW/Phone DA1A Europe Multioperator Unlimited, High Power DA1A Europe Multioperator Unlimited, High Power DA1A Europe Multioperator Unlimited Transmitter Phone DA1A Europe Multioperator High Power Phone DA1A Multioperator High Power Phone DA1	00.00.0	<del>}</del>	
IZ3NVR Europe Single Operator QRP CW Jim George, N3BB  DL6FBL Europe Single Operator High Power CW Jim George, N3BB  DL6FBL Europe Multioperator Single Transmitter CW The CW Operators' Club  GM5A Europe Multioperator Insmitter CW The CW Operators' Club  IR2Q (IK2PFL, op) Europe Single Operator Low Power CW Jeff Hartley, N8II  9A1A Europe Multioperator Unlimited CW Charles Wooten, NF4A  JH1EAQ Japan Single Operator Low Power CW The CW Operators' Club  KH7B (KH7XS, op) Oceania Single Operator Low Power CW The CW Operators' Club  CW & Phone Combination Winner  WY2TT (K6LA, op) Combination Winner  WZRE W/VE Single Operator High Power Phone Combined Score  W/VE Single Operator Unlimited, High Power  WY2S W/VE Single Operator Unlimited Transmitter Phone In Memory of Rev. Paul Bittner, WØAIH  KZYY W/VE 7 MHz Phone North America Multioperator High Power Phone  WZRE USA Single Operator High Power Phone Ed Sawyer, N1UR  North America Multioperator Single Transmitter, High Power Phone  WZRE USA Single Operator High Power Phone Ed Sawyer, N1UR  North America Multioperator Single Transmitter, High Power Phone North Jersey DX Association  WZRE USA Single Operator High Power Phone Arizona Outlaws Contest Club  WY2MMF (K1XX, op) World Single Operator Phone QRP Bill Parker, W8QZA  WOrld Single Operator Unlimited, High Power Phone Charles Wooden, NF4A  WOrld Single Operator Low Power Phone Arizona Outlaws Contest Club  WIJCW World Single Operator Phone QRP  World Single Operator Unlimited, High Power Phone Charles Wooden Scottest Club  WIJCW World Single Operator Unlimited, High Power Phone European Amateur Radio Lab	JH4UYB		Yankee Clipper Contest Club
DLSAXX  Europe Single Operator High Power CW  DL6FBL  Europe Single Operator Unlimited, High Power CW  The CW Operators' Club  The CW Operators' Club  Europe Multioperator Single Transmitter CW  The CW Operators' Club  MEACH Europe Multioperator Two Transmitter CW  The CW Operators' Club  The CW Operators' Club  Europe Multioperator Low Power CW  Jeff Hartley, N8II  PA1A  Europe Multioperator Low Power CW  Jeff Hartley, N8II  PA1A  JH1EAQ  Japan Single Operator Low Power CW  The CW Operators' Club  KH7B (KH7XS, op)  Oceania Single Operator CW  The CW Operator's Club  KH7B (KH7XS, op)  Oceania Single Operator CW  The CW Operator's Club  The CW Operator's Club  WYES Ingle Operator CW  The CW Operator's Club  The CW Operator's Club  WYE Single Operator CW  The CW Operator's Club  The CW Operator's Club  CW & Phone Combination Winner  WYE Single Operator High Power CW/Phone  Combined Score  W/VE Single Operator High Power Phone  W/VE Single Operator Unlimited, High Power  Phone  W/VE Single Operator Unlimited, High Power  Pete Carter, K3VW Memorial  K3LR  W/VE Multioperator Unlimited Transmitter Phone  W/VE 3 MHz Phone  Charles Wooten, NF4A  K2YY  W/VE 21 MHz Phone  North America Multioperator Single Transmitter,  High Power Phone  North America Multioperator Single Transmitter,  High Power Phone  North America Multioperator High Power Phone  W2PAMMF (K1XX,  op)  World Single Operator Low Power Phone  Arizona Outlaws Contest Club  W1JCW  World Single Operator Unlimited, High Power  Phone  Charles Dietz, W5PR  W4KZ  World Multioperator Two Transmitters Phone  European Amateur Radio Lab	ZF9CW	Caribbean Single Operator Low Power CW	Frankford Radio Club - 9Y4VU Memorial
DLSAXX Europe Single Operator High Power CW Jim George, N3BB  DL6FBL Europe Single Operator Unlimited, High Power CW The CW Operators' Club  CU4DX Europe Multioperator Single Transmitter CW The CW Operators' Club  GM5A Europe Multioperator Two Transmitter CW The CW Operators' Club  RR2Q (IK2PFL, op) Europe Single Operator Low Power CW Jeff Hartley, N8II  9A1A Europe Multioperator Unlimited CW Charles Wooten, NF4A  JH1EAQ Japan Single Operator Low Power CW The CW Operators' Club  KH7B (KH7XS, op) Oceania Single Operator CW The CW Operator's Club  CW & Phone Combination Winner  VY2TT (K6LA, op) W/VE Single Operator High Power CW/Phone Combined Score Chick Allen, NW3Y  Phone Winners  W2RE W/VE Single Operator High Power Phone Pete Carter, K3VW Memorial  K3LR W/VE Multioperator Unlimited Transmitter Phone In Memory of Rev. Paul Bittner, WØAIH  W7WA W/VE 7 MHz Phone Charles Wooten, NF4A  K2YY W/VE 21 MHz Phone Northern Illinois DX Association  W2RE USA Single Operator High Power Phone Ed Sawyer, N1UR  North America Multioperator Single Transmitter, High Power Phone Northern Illinois DX Association  VP2MMF (K1XX, op) World Single Operator Hone QRP World Single Operator Unlimited, High Power Phone Charles WOOTest Club  W1JCW World Single Operator High Power Phone Arizona Outlaws Contest Club  W1JCW World Single Operator Unlimited, High Power Phone Charles Dietz, W5PR  W4KZ World Multioperator Unlimited, High Power Phone Charles Dietz, W5PR	IZ3NVR	Europe Single Operator QRP CW	The CW Operators' Club
DL6FBL         Europe Single Operator Unlimited, High Power CW         The CW Operators' Club           CU4DX         Europe Multioperator Single Transmitter CW         The CW Operators' Club           GM5A         Europe Multioperator Two Transmitter CW         The CW Operators' Club           IR2Q (IK2PFL, op)         Europe Single Operator Low Power CW         Jeff Hartley, N8II           9A1A         Europe Multioperator Unlimited CW         Charles Wooten, NF4A           JH1EAQ         Japan Single Operator Low Power CW         The CW Operators' Club           KH7B (KH7XS, op)         Oceania Single Operator CW         The CW Operator's Club           PS2T (PY2NDX, op)         South America Single Operator CW         The CW Operator's Club           CW & Phone Combination Winner         W/VE Single Operator High Power CW/Phone Combined Score         Chick Allen, NW3Y           WPARE         W/VE Single Operator High Power Phone         Frankford Radio Club           W/VE Single Operator Unlimited, High Power Phone         Pete Carter, K3VW Memorial           K31R         W/VE Multioperator Unlimited Transmitter Phone         In Memory of Rev. Paul Bittner, WØAIH           W2YY         W/VE 7 MHz Phone         Charles Wooten, NF4A           K2YY         W/VE 21 MHz Phone         Northern Illinois DX Association           W2PAMMF (K1XX, op)         World Single Operator High Power	DL5AXX	Europe Single Operator High Power CW	Jim George, N3BB
CU4DX         Europe Multioperator Single Transmitter CW         The CW Operators' Club           GM5A         Europe Multioperator Two Transmitter CW         The CW Operators' Club           IR2Q (IK2PFL, op)         Europe Single Operator Low Power CW         Jeff Hartley, N8II           9A1A         Europe Multioperator Unlimited CW         Charles Wooten, NF4A           JH1EAQ         Japan Single Operator Low Power CW         The CW Operator's Club           KH7B (KH7XS, op)         Oceania Single Operator CW         The CW Operator's Club           PS2T (PY2NDX, op)         South America Single Operator CW         The CW Operator's Club           CW & Phone Combination Winner         W/VE Single Operator High Power CW/Phone         Chick Allen, NW3Y           V2TT (K6LA, op)         W/VE Single Operator High Power Phone         Frankford Radio Club           WYES Single Operator Unlimited, High Power         Pete Carter, K3VW Memorial           K3LR         W/VE Single Operator Unlimited Transmitter Phone         In Memory of Rev. Paul Bittner, WØAIH           W2YWA         W/VE 7 MHz Phone         Charles Wooten, NF4A           K2YY         W/VE 21 MHz Phone         Northern Illinois DX Association           W2RE         USA Single Operator High Power Phone         Nick Lash, K9KLR           8P5A         World Single Operator Low Power Phone         North Jersey DX Ass	DL6FBL		<del> </del>
GM5A Europe Multioperator Two Transmitter CW The CW Operators' Club IR2Q (IK2PFL, op) Europe Single Operator Low Power CW Jeff Hartley, N8II  9A1A Europe Multioperator Unlimited CW Charles Wooten, NF4A JH1EAQ Japan Single Operator Low Power CW The CW Operators' Club KH7B (KH7XS, op) Oceania Single Operator CW The CW Operator's Club PS2T (PY2NDX, op) South America Single Operator CW The CW Operator's Club CW & Phone Combination Winner VY2TT (K6LA, op) W/VE Single Operator High Power CW/Phone Combined Score Chick Allen, NW3Y Phone Winners W2RE W/VE Single Operator High Power Phone Phone Phone Phone Phone W3LE W/VE Multioperator Unlimited, High Power W3LE W/VE Multioperator Unlimited Transmitter Phone In Memory of Rev. Paul Bittner, WØAIH W3LR W/VE 7 MHz Phone Charles Wooten, NF4A W2YY W/VE 21 MHz Phone Northern Illinois DX Association W2RE USA Single Operator High Power Phone Ed Sawyer, N1UR North America Multioperator Single Transmitter, ZF1A High Power Phone North Jersey DX Association WP2MMF (K1XX, op) World Single Operator Low Power Phone Arizona Outlaws Contest Club W1JCW World Single Operator Phone QRP W01d Single Operator Unlimited, High Power YV1KK Phone Charles Dietz, W5PR W4KZ World Multioperator Two Transmitters Phone European Amateur Radio Lab	CU4DX	<del>                                     </del>	·
IR2Q (IK2PFL, op)       Europe Single Operator Low Power CW       Jeff Hartley, N8II         9A1A       Europe Multioperator Unlimited CW       Charles Wooten, NF4A         JH1EAQ       Japan Single Operator Low Power CW       The CW Operator's Club         KH7B (KH7XS, op)       Oceania Single Operator CW       The CW Operator's Club         PS2T (PY2NDX, op)       South America Single Operator CW       The CW Operator's Club         CW & Phone Combination Winner         VY2TT (K6LA, op)         W/VE Single Operator High Power CW/Phone         Combined Score         Chick Allen, NW3Y         Phone Winners         W2RE       W/VE Single Operator High Power Phone       Frankford Radio Club         VE3EJ       Phone       Pete Carter, K3VW Memorial         K3LR       W/VE Multioperator Unlimited Transmitter Phone       In Memory of Rev. Paul Bittner, WØAIH         W7WA       W/VE 21 MHz Phone       Northern Illinois DX Association         W2RE       USA Single Operator High Power Phone       Ed Sawyer, N1UR         W2P1A       High Power Phone       North Jersey DX Association         W2P2MMF (K1XX, op)       World Single Operator Low Power Phone       Arizona Outlaws Cont		<del>                                     </del>	'
9A1A Europe Multioperator Unlimited CW Charles Wooten, NF4A  JH1EAQ Japan Single Operator Low Power CW The CW Operators' Club  KH7B (KH7XS, op) Oceania Single Operator CW The CW Operator's Club  PS2T (PY2NDX, op) South America Single Operator CW The CW Operator's Club  CW & Phone Combination Winner  W/VE Single Operator High Power CW/Phone Combined Score Chick Allen, NW3Y  Phone Winners  W2RE W/VE Single Operator High Power Phone VY3ET (K6LA, op) W/VE Single Operator Unlimited, High Power Phone Phone Pete Carter, K3VW Memorial  K3LR W/VE Multioperator Unlimited Transmitter Phone In Memory of Rev. Paul Bittner, WØAIH  W7WA W/VE 7 MHz Phone Charles Wooten, NF4A  K2YY W/VE 21 MHz Phone Northern Illinois DX Association  W2RE USA Single Operator High Power Phone Ed Sawyer, N1UR  North America Multioperator Single Transmitter, High Power Phone North Jersey DX Association  VP2MMF (K1XX, op) World Single Operator Low Power Phone Arizona Outlaws Contest Club  W1JCW World Single Operator Unlimited, High Power Phone Charles Dietz, W5PR  W4KZ World Multioperator Two Transmitters Phone European Amateur Radio Lab		<del> </del>	
JH1EAQ Japan Single Operator Low Power CW The CW Operators' Club  KH7B (KH7XS, op) Oceania Single Operator CW The CW Operator's Club  PS2T (PY2NDX, op) South America Single Operator CW The CW Operator's Club  CW & Phone Combination Winner  W/VE Single Operator High Power CW/Phone Combined Score Chick Allen, NW3Y  Phone Winners  W2RE W/VE Single Operator High Power Phone VY3ES Phone Phone Pete Carter, K3VW Memorial  K3LR W/VE Multioperator Unlimited, High Power Phone Pete Carter, K3VW Memorial  K3LR W/VE 7 MHz Phone Charles Wooten, NF4A  K2YY W/VE 21 MHz Phone Northern Illinois DX Association  W2RE USA Single Operator High Power Phone Ed Sawyer, N1UR  North America Multioperator Single Transmitter, High Power Phone North Jersey DX Association  VP2MMF (K1XX, op) World Single Operator Low Power Phone Arizona Outlaws Contest Club  W1JCW World Single Operator Unlimited, High Power Phone Charles Dietz, W5PR  W4KZ World Multioperator Two Transmitters Phone European Amateur Radio Lab		1	•
KH7B (KH7XS, op) Oceania Single Operator CW PS2T (PY2NDX, op) South America Single Operator CW The CW Operator's Club  CW & Phone Combination Winner  W/VE Single Operator High Power CW/Phone Combined Score  W/VE Single Operator High Power Phone Combined Score  W/VE Single Operator Unlimited, High Power Phone WY2TT (K6LA, op)  W/VE Single Operator Unlimited, High Power Phone  W/VE Single Operator Unlimited, High Power Phone  W/VE Multioperator Unlimited Transmitter Phone  W/VE A MyVE A MHz Phone  K2YY  W/VE 1 MHz Phone  W2RE  USA Single Operator High Power Phone  W2RE  WSA Single Operator High Power Phone  Northern Illinois DX Association  W2RE  North America Multioperator Single Transmitter, High Power Phone  North Jersey DX Association  W2RMF (K1XX, Op)  World Single Operator Low Power Phone  W3 Arizona Outlaws Contest Club  W1JCW  World Single Operator Unlimited, High Power Phone  Charles Dietz, W5PR  W4KZ  World Multioperator Two Transmitters Phone  European Amateur Radio Lab		i i	
PS2T (PY2NDX, op) South America Single Operator CW  CW & Phone Combination Winner  W/VE Single Operator High Power CW/Phone Combined Score  W2RE W/VE Single Operator High Power Phone  WY2E Single Operator High Power Phone  WY2E Single Operator Unlimited, High Power Phone  WY2E Single Operator Unlimited, High Power Phone  W2SEJ Phone Phone Pete Carter, K3VW Memorial  K3LR W/VE Multioperator Unlimited Transmitter Phone In Memory of Rev. Paul Bittner, WØAIH  W7WA W/VE 7 MHz Phone Charles Wooten, NF4A  K2YY W/VE 21 MHz Phone Northern Illinois DX Association  W2RE USA Single Operator High Power Phone Ed Sawyer, N1UR  North America Multioperator Single Transmitter,  LF1A High Power Phone North Jersey DX Association  W2PAMMF (K1XX, op) World Single Operator Low Power Phone Arizona Outlaws Contest Club  W1JCW World Single Operator Unlimited, High Power  Phone Charles Dietz, W5PR  W4KZ World Multioperator Two Transmitters Phone European Amateur Radio Lab		<del>                                     </del>	<del> </del>
CW & Phone Combination Winner  W/VE Single Operator High Power CW/Phone Combined Score  W2RE  W/VE Single Operator High Power Phone  W/VE Single Operator High Power Phone  W/VE Single Operator Unlimited, High Power Phone  W/VE Single Operator Unlimited, High Power Phone  W3LR  W/VE Multioperator Unlimited Transmitter Phone  W7WA  W/VE 7 MHz Phone  W2RE  W/VE 21 MHz Phone  W2RE  USA Single Operator High Power Phone  W2RE  WSA Single Operator High Power Phone  W2RE  Worth America Multioperator Single Transmitter, High Power Phone  W1G Single Operator High Power Phone  W1G Single Operator High Power Phone  W2RE  World Single Operator High Power Phone  W2RE  W3 World Single Operator High Power Phone  W2RE  W3 World Single Operator High Power Phone  W2RE  W3 World Single Operator Low Power Phone  W2RE  W3 World Single Operator Unlimited, High Power YY1KK  Phone  Charles Dietz, W5PR  W4KZ  World Multioperator Two Transmitters Phone  European Amateur Radio Lab		<del>                                     </del>	i i
W/VE Single Operator High Power CW/Phone Combined Score  W2RE W/VE Single Operator High Power Phone WYES Single Operator High Power Phone Frankford Radio Club W/VE Single Operator Unlimited, High Power Phone WYVE Single Operator Unlimited Transmitter Phone WYVE Multioperator Unlimited Transmitter Phone WYVE 7 MHz Phone W2RE WYVE 7 MHz Phone W2RE W3A Single Operator High Power Phone W2RE W3A Single Operator High Power Phone W3A World Single Operator Single Transmitter, W3A World Single Operator High Power Phone W3A World Single Operator Low Power Phone W3A World Single Operator Low Power Phone W3A World Single Operator Unlimited, High Power W3A World Single Operator Unlimited, High Power W3A Warld Multioperator Two Transmitters Phone W4KZ W4KZ W6VE Single Operator High Power Phone Charles Dietz, W5PR W4KZ W6VE Single Operator W6VE W6VE W6VE W6VE W6VE W6VE W6VE W6VE			The evv operator's class
VY2TT (K6LA, op)Combined ScoreChick Allen, NW3YPhone WinnersW/VE Single Operator High Power PhoneFrankford Radio ClubVE3EJW/VE Single Operator Unlimited, High Power PhonePete Carter, K3VW MemorialK3LRW/VE Multioperator Unlimited Transmitter PhoneIn Memory of Rev. Paul Bittner, WØAIHW7WAW/VE 7 MHz PhoneCharles Wooten, NF4AK2YYW/VE 21 MHz PhoneNorthern Illinois DX AssociationW2REUSA Single Operator High Power PhoneEd Sawyer, N1URNorth America Multioperator Single Transmitter, High Power PhoneNick Lash, K9KLR8P5AWorld Single Operator High Power PhoneNorth Jersey DX AssociationVP2MMF (K1XX, op)World Single Operator Low Power PhoneArizona Outlaws Contest ClubW1JCWWorld Single Operator Phone QRPBill Parker, W8QZAWV1KKPhoneCharles Dietz, W5PRW4KZWorld Multioperator Two Transmitters PhoneEuropean Amateur Radio Lab	CW & Phone Comp	1	
W2RE W/VE Single Operator High Power Phone VE3EJ Phone Pete Carter, K3VW Memorial K3LR W/VE Multioperator Unlimited Transmitter Phone In Memory of Rev. Paul Bittner, WØAIH W7WA W/VE 7 MHz Phone Charles Wooten, NF4A K2YY W/VE 21 MHz Phone Northern Illinois DX Association W2RE USA Single Operator High Power Phone Ed Sawyer, N1UR North America Multioperator Single Transmitter, High Power Phone North Jersey DX Association VP2MMF (K1XX, op) World Single Operator Low Power Phone Arizona Outlaws Contest Club W1JCW World Single Operator Unlimited, High Power YV1KK Phone Charles Dietz, W5PR W4KZ World Multioperator Two Transmitters Phone European Amateur Radio Lab	VY2TT (K6LA, op)		Chick Allen, NW3Y
W/VE Single Operator Unlimited, High Power Phone Pete Carter, K3VW Memorial  K3LR W/VE Multioperator Unlimited Transmitter Phone In Memory of Rev. Paul Bittner, WØAIH  W7WA W/VE 7 MHz Phone Charles Wooten, NF4A  K2YY W/VE 21 MHz Phone Northern Illinois DX Association  W2RE USA Single Operator High Power Phone Ed Sawyer, N1UR  North America Multioperator Single Transmitter, High Power Phone Nick Lash, K9KLR  8P5A World Single Operator High Power Phone North Jersey DX Association  VP2MMF (K1XX, op) World Single Operator Low Power Phone Arizona Outlaws Contest Club  W1JCW World Single Operator Unlimited, High Power YV1KK Phone Charles Dietz, W5PR  W4KZ World Multioperator Two Transmitters Phone European Amateur Radio Lab	Phone Winners		
W/VE Single Operator Unlimited, High Power Phone Pete Carter, K3VW Memorial  K3LR W/VE Multioperator Unlimited Transmitter Phone In Memory of Rev. Paul Bittner, WØAIH  W7WA W/VE 7 MHz Phone Charles Wooten, NF4A  K2YY W/VE 21 MHz Phone Northern Illinois DX Association  W2RE USA Single Operator High Power Phone Ed Sawyer, N1UR  North America Multioperator Single Transmitter, High Power Phone Nick Lash, K9KLR  8P5A World Single Operator High Power Phone North Jersey DX Association  VP2MMF (K1XX, op) World Single Operator Low Power Phone Arizona Outlaws Contest Club  W1JCW World Single Operator Phone QRP Bill Parker, W8QZA  World Single Operator Unlimited, High Power  YV1KK Phone Charles Dietz, W5PR  W4KZ World Multioperator Two Transmitters Phone European Amateur Radio Lab	W2RE	W/VE Single Operator High Power Phone	Frankford Radio Club
K3LR W/VE Multioperator Unlimited Transmitter Phone In Memory of Rev. Paul Bittner, WØAIH W7WA W/VE 7 MHz Phone Charles Wooten, NF4A K2YY W/VE 21 MHz Phone Northern Illinois DX Association W2RE USA Single Operator High Power Phone Ed Sawyer, N1UR North America Multioperator Single Transmitter, High Power Phone Nick Lash, K9KLR  8P5A World Single Operator High Power Phone North Jersey DX Association VP2MMF (K1XX, op) World Single Operator Low Power Phone Arizona Outlaws Contest Club W1JCW World Single Operator Unlimited, High Power YV1KK Phone Charles Dietz, W5PR W4KZ World Multioperator Two Transmitters Phone European Amateur Radio Lab			
W7WA K2YY W/VE 21 MHz Phone Northern Illinois DX Association W2RE USA Single Operator High Power Phone Ed Sawyer, N1UR North America Multioperator Single Transmitter, High Power Phone North Jersey DX Association W2MMF (K1XX, Op) World Single Operator Low Power Phone W1JCW World Single Operator Phone QRP World Single Operator Unlimited, High Power YV1KK Phone W4KZ World Multioperator Two Transmitters Phone European Amateur Radio Lab	VE3EJ	Phone	Pete Carter, K3VW Memorial
K2YY W/VE 21 MHz Phone Northern Illinois DX Association W2RE USA Single Operator High Power Phone Ed Sawyer, N1UR  North America Multioperator Single Transmitter, High Power Phone Nick Lash, K9KLR  8P5A World Single Operator High Power Phone North Jersey DX Association  VP2MMF (K1XX, op) World Single Operator Low Power Phone Arizona Outlaws Contest Club W1JCW World Single Operator Phone QRP Bill Parker, W8QZA  World Single Operator Unlimited, High Power YV1KK Phone Charles Dietz, W5PR  W4KZ World Multioperator Two Transmitters Phone European Amateur Radio Lab	K3LR	W/VE Multioperator Unlimited Transmitter Phone	In Memory of Rev. Paul Bittner, WØAIH
W2RE USA Single Operator High Power Phone Ed Sawyer, N1UR  North America Multioperator Single Transmitter, High Power Phone Nick Lash, K9KLR  World Single Operator High Power Phone North Jersey DX Association  VP2MMF (K1XX, op) World Single Operator Low Power Phone Arizona Outlaws Contest Club  W1JCW World Single Operator Phone QRP Bill Parker, W8QZA  World Single Operator Unlimited, High Power YV1KK Phone Charles Dietz, W5PR  W4KZ World Multioperator Two Transmitters Phone European Amateur Radio Lab	W7WA	W/VE 7 MHz Phone	Charles Wooten, NF4A
North America Multioperator Single Transmitter, ZF1A High Power Phone Nick Lash, K9KLR  8P5A World Single Operator High Power Phone North Jersey DX Association  VP2MMF (K1XX, op) World Single Operator Low Power Phone Arizona Outlaws Contest Club  W1JCW World Single Operator Phone QRP Bill Parker, W8QZA  World Single Operator Unlimited, High Power  YV1KK Phone Charles Dietz, W5PR  W4KZ World Multioperator Two Transmitters Phone European Amateur Radio Lab	K2YY	W/VE 21 MHz Phone	Northern Illinois DX Association
North America Multioperator Single Transmitter, ZF1A High Power Phone Nick Lash, K9KLR  8P5A World Single Operator High Power Phone North Jersey DX Association  VP2MMF (K1XX, op) World Single Operator Low Power Phone Arizona Outlaws Contest Club  W1JCW World Single Operator Phone QRP Bill Parker, W8QZA  World Single Operator Unlimited, High Power  YV1KK Phone Charles Dietz, W5PR  W4KZ World Multioperator Two Transmitters Phone European Amateur Radio Lab	W2RE	USA Single Operator High Power Phone	Ed Sawyer, N1UR
ZF1A High Power Phone Nick Lash, K9KLR  8P5A World Single Operator High Power Phone North Jersey DX Association  VP2MMF (K1XX, op) World Single Operator Low Power Phone Arizona Outlaws Contest Club  W1JCW World Single Operator Phone QRP Bill Parker, W8QZA  World Single Operator Unlimited, High Power  YV1KK Phone Charles Dietz, W5PR  W4KZ World Multioperator Two Transmitters Phone European Amateur Radio Lab			
8P5A World Single Operator High Power Phone North Jersey DX Association  VP2MMF (K1XX, op) World Single Operator Low Power Phone Arizona Outlaws Contest Club  W1JCW World Single Operator Phone QRP Bill Parker, W8QZA  World Single Operator Unlimited, High Power  YV1KK Phone Charles Dietz, W5PR  W4KZ World Multioperator Two Transmitters Phone European Amateur Radio Lab	ZF1A		Nick Lash, K9KLR
VP2MMF (K1XX, op) World Single Operator Low Power Phone Arizona Outlaws Contest Club W1JCW World Single Operator Phone QRP Bill Parker, W8QZA World Single Operator Unlimited, High Power YV1KK Phone Charles Dietz, W5PR W4KZ World Multioperator Two Transmitters Phone European Amateur Radio Lab		i -	Î
op) World Single Operator Low Power Phone Arizona Outlaws Contest Club W1JCW World Single Operator Phone QRP Bill Parker, W8QZA World Single Operator Unlimited, High Power YV1KK Phone Charles Dietz, W5PR W4KZ World Multioperator Two Transmitters Phone European Amateur Radio Lab			·
World Single Operator Unlimited, High Power YV1KK Phone Charles Dietz, W5PR W4KZ World Multioperator Two Transmitters Phone European Amateur Radio Lab	•	World Single Operator Low Power Phone	Arizona Outlaws Contest Club
YV1KK Phone Charles Dietz, W5PR W4KZ World Multioperator Two Transmitters Phone European Amateur Radio Lab	W1JCW	World Single Operator Phone QRP	Bill Parker, W8QZA
W4KZ World Multioperator Two Transmitters Phone European Amateur Radio Lab		World Single Operator Unlimited, High Power	
	YV1KK	Phone	Charles Dietz, W5PR
PR2B (PY2LSM, op) World 14 MHz Phone Don Wallace, W6AM, Memorial Award	W4KZ	World Multioperator Two Transmitters Phone	European Amateur Radio Lab
	PR2B (PY2LSM, op)	World 14 MHz Phone	Don Wallace, W6AM, Memorial Award

W9RE	Central Division Single Operator High Power Phone	Society of Midwest Contesters
N4TZ	Central Division Single Operator Low Power Phone	Society of Midwest Contesters
	Central Division Single Operator Unlimited, High	
N9UA	Power Phone	Society of Midwest Contesters
	Central Division Single Operator Unlimited, Low	
W9XT	Power Phone	Society of Midwest Contesters
NA8V	Great Lakes Division Single Operator Phone	North Coast Contesters
	Seventh Call Area Single Operator High Power	
N7GP	Phone	Willamette Valley DX Club
	Southeastern Division Single Operator Low Power	
KC4TEO	Phone	Charles Wooten, NF4A
	Fourth Call Area Single Operator Unlimited High	
N4RV	Power Phone	Charles Wooten, NF4A
	Asia Multioperator Single Transmitter, High Power	
JH4UYB	Phone	Yankee Clipper Contest Club
9A1A	Europe Multioperator Unlimited Phone	Charles Wooten, NF4A
JH1EAQ	Japan Single Operator Low Power Phone	Western Washington DX Club
		Albert Crespo, F5VHJ - In Memory of
KH7XS (K4XS, op)	Oceania Single Operator High Power Phone	Carl Cook, Al6V
		Burton M. Parmeter KG7MD Memorial
T32AZ	Oceania 3.5 MHz Phone	Award