

2015 ARRL International DX Phone Contest Results

Sunspots are slipping away, but scores stay strong!

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Few things in ham radio are as thrilling as high-rate phone contesting, with contacts coming as fast as you can unkey the microphone. It's even better when you do it from a relatively simple setup in a tropical location that makes you the hunted, complete with the sun shining, and a cool breeze drifting in from the Atlantic Ocean. That was ARRL DX Phone for Rob, K4OV, and his group's Field Day style Low Power Multi-Single win as C6ATF from the Bahama island of Eleuthera.

"A great location on the beach facing US/VE gave us a loud low-power signal," Rob wrote. "Some highlights were three 200+ hours by N1BA, the rate meter hitting 456 for me, and operating on the porch with an incredible view looking out on the ocean."

The group took two days to set up a 65-foot mast for 40, 80, and 160 meter verticals and a homebrew Spiderbeam at 30 feet on a second mast for the high bands.

It was clear that conditions weren't quite as good in 2015 as they were in 2014, with sunspot numbers and solar activity on the decline, but even so, records fell, high-band activity was still strong, and several stations joined the ARRL DX Phone party for the first time, vowing it wouldn't be their last. Welcome to AC2PB, K6SDT, and JM8GJB, all hams for fewer than 6 months at the time of the contest. Some 3910 logs reported

1,878,168 QSOs, while 10 meters was the money band once again, with 656,011 QSOs reported.

"As a rookie ham, this year's ARRL DX SSB was my first major contest," wrote K2CDX.

"It was too much fun! I also added four new countries to my list of DX entities."

Club Competition champions included the Central Virginia Contest Club at the local level, North Coast Contesters at the Medium



The antennas overlooked the Atlantic Ocean.

Category Abbreviations for ARRL Contests

HP/LP/QRP	High Power, Low Power, QRP
SOHP/LP/QRP	Single Operator, All Band
SOSB	Single Operator, Single Band
SOU	Single Operator Unlimited
MSHP/LP	Multioperator, Single-Transmitter (HP/LP)
M2	Multioperator, Two-Transmitter
MM	Multioperator, Multiple Transmitters

Top Ten

W/VE		Single Operator, Unlimited, Low Power		Single Operator, 15 Meters		DX		Single Operator, 160 Meters		Single Operator, 10 Meters	
Single Operator, High Power		KB3WD	4,272,048	KU2M	554,604	Single Operator, High Power		NP4A	114,570	TO1A	
VY2ZM	6,756,456	KS1J	2,282,616	K5RX	450,225	8P5A		KV4FZ	59,823	(F5HRY, op)	679,149
VE3EJ	5,629,464	VA3DF	1,811,418	W5WMMU	266,448	(W2SC, op)	9,453,066	CU2CE	14,484	YV1KK	520,608
N1UR	5,264,271	K1KNQ	1,802,640	VE2EBK	227,448	YN2AA		HA8A		LO5D	
VY2TT	5,111,715	N2SQW	1,474,080	N5MV	215,208	(N6GQ, op)	6,971,136	(HA8DZ, op)	5,184	(LU8EOT, op)	494,007
XL3T		W3KB	1,471,380	N9TGR	214,968	EE8Z		OK2VMM	3,465	PX2B	
(VE3AT, op)	4,300,575	WX1S	1,307,223	VE6WQ		(NP4Z, op)	6,320,538	S56P	480	(PY2LED, op)	476,307
W9RE	4,222,665	KT4ZB	1,265,472	(@VE6JY)	209,520	KP2M	5,999,706	ON4GPE	144	XE1B	472,590
N2IC	3,959,571	K3IE	1,203,288	WA7LT	208,413	TO5A		EW7BR	3	TU5FC	468,165
AA1K	3,719,430	K4DMR	1,164,192	VE3VN	192,060	(F5VHJ, op)	5,663,700			ZY2B	382,143
K4AB	2,569,698			N8BJQ	148,050	CS2C		Single Operator, 80 Meters		DK3T	
K3ZO	2,553,039					(OK1RF, op)	5,221,278	ZF2BH		(DK3EE, op)	347,652
		Single Operator, 160 Meters		Single Operator, 10 Meters		E7DX		(OH2BH, op)	283,731	CA7CAQ	335,160
		W2MF	12,348	K1ZR	648,684	(E77DX, op)	4,799,520	WPC3	223,197	ED5T	320,595
		WB4WXE	5,508	W5PR	521,892	CR6K		YW5T		Multiperator, Single Transmitter, High Power	
		N7GP	4,590	K2SSS	506,688	(CT1CJJ, op)	4,787,511	(YV5JBI, op)	192,753	PJ2T	9,413,820
Single Operator, Low Power		KN2T	4,515	N4OX	487,188	KH7M		GM3PPG		NP2X	8,043,219
NY6DX	3,484,404	W2VO	3,936	N2PP	453,252	(NA2U, op)	4,098,870	G4BYB, op)	122,706	TU6M	6,687,516
W1UE	2,929,860	KM1R	3,480	K0EJ	396,882	OM2VL	3,667,050	EB3CW	91,086	C6ANA	6,351,678
WA1Z	2,686,500	VE3EDY	1,482	W3EP	368,751	Single Operator, Low Power		OK7K		E17M	5,741,682
N5AW	2,093,742	WD8DSB	168	W3BGN	266,616	ZF2DX	7,138,515	(OK1BN, op)	74,712	TO66R	5,127,306
N1PGA	2,027,883			K4WI	181,395	VP2MLL		HP3/NL8F	60,129	ED7P	4,955,868
NA8V	1,769,508	Single Operator, 80 Meters		K5ZO	163,296	(K1XX, op)	5,664,156	YT4A		IR4M	4,707,900
N4TZ	1,627,395	W3LL	56,808			H13TEJ	4,678,947	(YT1AA, op)	34,743	ED1R	4,088,718
WA2JQK	878,784	W4DD	51,948	Multiperator, Single Transmitter, High Power		VP9/W6PH	4,144,608	Z35T	16,740	DR1D	3,841,713
WB2WPM	817,749	WA4TII	20,178	K6ND	5,561,736	KH6CJJ	1,298,997	XE1H	15,660		
W2TF	795,303	NA5NN		NV9L	4,798,992	O3K3				Multiperator, Single Transmitter, Low Power	
		(K2FF, op)	14,250	W1TJL	4,091,736	(OM7JG, op)	1,231,191	Single Operator, 40 Meters		TM9R	5,552,625
		K0KT	13,464	K1VR	3,957,219	H18K	1,157,892	(F5FLN, op)	304,086	T46A	5,015,544
		K0TT	13,350	N2WKS	3,358,920	DD2ML	1,039,500	YT7A		T48K	2,927,964
		W1TW	12,480	W3MF	3,141,624	EHA		(YU7GM, op)	218,736	3V8SS	847,476
		KI4DFS	11,139	K3MD	2,246,580	(ON4EI, op)	1,004,400	YV5EPM	207,267	PY1GQ	833,715
		KG9Z	9,072	K5UA	2,159,838	TM1T	115,498	OK1GTH	175,065	PM1Y	713,700
		N8OL	8,640	W8PR	1,895,688			SN3A		IT9ZZO	299,796
Single Operator, 40 Meters				VE7NY	1,854,300	Single Operator, QRP		(SP3GEM, op)	163,020	OZ7EDR	195,426
W7WA	315,828	Multiperator, Single Transmitter, Low Power				VP5H		EATATX	149,112	PY5JR	152,274
W1XX	169,320	NM1C	1,570,212			(W0GJ, op)	2,877,732	HA8FM	148,500	3Z1K	29,808
AG4W	100,224	N5DO	1,490,022			CT1BXT	151,290	H13K	123,540	Multiperator, Two Transmitter	
WD0BGZ	67,554	W0UO	1,291,326			EAK3X	101,916	SP8R		TI5W	13,087,122
K9OM	41,256	VE2BWL	1,223,040			F5BEG	99,855	(SP7VC, op)	109,512	PJ4G	12,746,025
VE3CV	29,172	W3HAC	519,708			OK2VWB	73,245	SV2DCC	105,300	P49Y	12,080,124
K2UR	23,664	K5WPN	316,500			JH1OGC	43,890			CR3L	8,058,852
VO1AX	23,406	K2WB	217,971			IK1BBC	38,406	Single Operator, 20 Meters		9A1P	5,699,727
KD4RH	21,033	KD7RCJ	182,013			JR4DAH	36,096	HK1T	705,282	CW5W	5,496,174
VA3XH	20,574	WA1F	109,755			I2ZJPN	28,341	OZ7X		OL4A	5,381,238
		W3WN	107,406			DL8LR	27,405	(OZ5KF, op)	299,754	EI9E	4,104,270
Single Operator, 20 Meters				Multiperator, Two Transmitter		Single Operator Unlimited, High Power		TG9ANF	273,234	HG7T	3,207,162
VE8EV	260,988	K9CT	7,697,088			6Y2M		WP4I	219,393	HC0E	3,105,540
N5CR	212,100	WK1Q				(VE3LA, op)	7,310,550	CT1EOD	204,228	Multiperator, Unlimited Transmitter	
WA4JUK	82,908	(@ K1TTT)	6,271,293			V26M		IO4C		TI5M	7,976,964
W1AVK	71,685	K8AZ	5,482,512			(N3AD, op)	6,309,408	(IZ4ZAW, op)	182,004	KH7XX	
K4TRH	56,169	W6WB	4,713,885			PX5E		PY2DY	176,115	(@ KH6YY)	7,203,240
VE1SQ	42,174	W2CG	3,944,763			(PP5JR, op)	4,151,880	PY2CDR	173,484	9A1A	6,993,345
VA7IR	39,402	K2AX	3,487,536			EC2DX	3,791,844	HB2T		I19P	6,871,926
AC2PB	38,763	WA3EKL	2,962,365			EF7T		(HB9EMP, op)	170,097	LP1H	5,030,724
A13Q	37,128	VO1KVT	2,458,752			(EC7AKV, op)	3,391,605	YT1A	169,020	C6ANM	4,146,252
W8GOC	30,225	W2YC	2,368,800			P43L	3,276,990			JA3YBK	2,678,715
		W1QK	2,039,184			DJ7WW	2,367,009	Single Operator, 15 Meters		LZ9W	2,108,115
				Multiperator, Unlimited Transmitter		XE2CQ	2,349,552	FY5KE		F4FFH	715,836
						S54ZZ	2,261,916	(F1HAR, op)	620,100	LY7Z	77,490
						XE2B	2,022,720	TM0T	503,616		
								KH6LC			
						Single Operator Unlimited, Low Power		(NH6V, op)	462,060		
						WP2AA		CR6T	430,920		
						(KK9A, op)	5,820,255	YY1YLY	357,048		
						NP2P		ZV2K			
						(N2TTA, op)	2,865,105	(PY2SHF, op)	351,720		
						H18JSG	1,381,848	KP4BD	350,991		
						8P6EX	1,100,898	9A5X	350,100		
						F4BKV	967,680	YV5KG	340,200		
						DF2F		J79MM	325,620		
						(DF2SD, op)	899,136				
						YV5EAK	886,410				
						H13TT	731,922				
						PY3OZ	716,184				
						PY8WWW	535,680				

Club level, and Frankford Radio Club as the Unlimited winner.

K1JHS noted that “10 and 15 were rockin’!” But the downslide of Solar Cycle 24 did have an impact on some. Many Asian stations reported lackluster results on 10 meters, and Europeans mourned the loss of coveted West Coast US openings.

Records Readily Revised

Headlining the setting of records is WP2AA (KK9A, op), who broke the all-time world Single Operator Unlimited Low Power record with 5.82 million, destroying the 1.52 million record of KP2/KØBBC, set in 2013. Nicely done!

Other records fell, though not at the rate that they did in 2014. Twenty-three records were set in 2015, with 15 by W/VE and eight by DX stations. Let’s look at a few of the particularly noteworthy efforts.

ZF2DX (aka N5DX) broke the all-time world Single Operator Low Power record held by WP3R since 2004, netting 7.14 million points. That’s more than 7000 QSOs using low power, folks. If you think you need an amplifier to make contacts, think again!

HK1T set an all-time DX record on 20 meters with 705,000, narrowly besting the 702,000 mark set by VP2V/KK9A in 1996. Outstanding!

VP5H, with veteran WØGJ at the mic, set the Single Operator QRP record for North America with 2.88 million points, crushing the 1.94 million mark set by TI5N in 2003. His 5 W squeaked out 3387 QSOs! What do you do for an encore, Glenn?

6Y2M (VE3LA, op) blew past the previous 6 million Low Power Unlimited North American record set by WP3R in 1999 to make 7.31 million points from Jamaica.

DX records were also set by F4BKV for Europe (Single Op Unlimited, Low Power), 3V8SS for Africa (Multi-single, Low Power), and TM1T for Europe (Multi-single, Low Power). Congratulations to all!

Let’s look at the 15 records set in ARRL territory. KB3WD set a W/VE Single Operator Unlimited Low Power record of 4.27 million points, destroying the 2014 figure set by W6AAN. Impressive, Vasily! Veteran 40 meter man W7WA broke his own 2012 W/VE 40 meter record, for 315,828 points on that band. Take a bow, Daniel. NY6DX more than doubled the second district Single Operator Low Power record held by K2PS since 2001, turning in 3.48 million points. Bam!

On 160 meters, N7GP set a seven-land record that had not been broken since 1987 with 45 QSOs and 34 multipliers. Not so easy from Arizona! In the Unlimited categories, W8MJ and AA9A (N9UA, op) set high-power records for eights and nines, while KS1J, W2RD, K8LY, and VA3DF set low-power records for 1, 7, 8, and VE districts. Clearly the Unlimited categories, which allow use of spotting networks, are more competitive every year.

NV9L set a ninth district record for Multi-Single High Power with 4.79 million points, passing the 1993 record held by KS9K. N5DO snuck past his own 2014 record for Multi-Single Low Power, netting 1.49 million.

In M2, K8AZ and K9CT broke the eighth and ninth district records. Finally, zero-land MM monster NØNI smashed the 4.03 million figure set in 1979 by Colorado powerhouse KØRF. The boys at the Iowa antenna farm raked in 5.67 million. Group bow!

All of the ARRL contest records are available online at arri.org/contest-records. More than 400,000 scores are included in the K5TR contest database, at www.kkn.net/~k5tr/scored. Records are made to be broken. Pick one and give it a try!

High Band Hijinx

A year past the Solar Cycle 24 sunspot peak, the log says 10 meters is still the star. DX stations made a total of 360,750 QSOs on 10 versus 296,261 on 15. The US and Canada agree, with 285,100 QSOs on 10 versus 241,670 on 15. Will 10, 15, or 20 meters be the place to be next year? The smart money is on 15, but Sol is full of surprises.

Three of the four top DX SOSB 10 meter scores came from South America, signaling a return to more typical conditions. But the winner, TO1A, was in the Caribbean with a score of 679,000, less than 6% down from last year’s winning figure of 718,000.

On 15 meters, the winning W/VE 15 meter score of 554,604 points was down considerably from last year’s 811,000 win. For DX entrants, 15 meter scores were more modestly down, with a 620,000 winner versus last year’s 665,000. Perhaps we will see more challengers here next year as single-band stations abandon 10 meters.

There were no new high-band records this year. 2014 was hard to top, and many Solar Cycle 22 and 23 records still stand. We may have to wait until 2024 for new 10 meter records. But many records were broken elsewhere; more on that next.

Affiliated Club Competition		
Unlimited	Entries	Score
Frankford Radio Club	168	292,895,208
Yankee Clipper Contest Club	243	287,309,709
Potomac Valley Radio Club	195	220,549,683
Florida Contest Group	90	75,739,068
Society of Midwest Contesters	115	60,410,838
Contest Club Ontario	65	55,433,364
Northern California Contest Club	82	49,718,055
Minnesota Wireless Assn	85	48,382,689
Arizona Outlaws Contest Club	71	41,136,570
Southern California Contest Club	59	28,273,638
Medium		
North Coast Contesters	25	72,677,745
Carolina DX Association	41	28,291,437
Central Texas DX and Contest Club	26	27,160,479
DFW Contest Group	46	26,135,328
Hudson Valley Contesters and DXers	34	25,541,595
Georgia Contest Group	21	24,377,823
Tennessee Contest Group	48	21,859,890
Mad River Radio Club	25	21,691,050
Iowa DX and Contest Club	5	17,341,320
Willamette Valley DX Club	32	16,213,464
Order of Boiled Owls of New York	16	16,005,366
South East Contest Club	26	14,635,086
Grand Mesa Contesters of Colorado	21	13,955,826
Western Washington DX Club	25	12,711,912
ORCA DX And Contest Club	26	11,297,343
Alabama Contest Group	28	10,914,774
Maritime Contest Club	12	10,500,426
Louisiana Contest Club	7	10,376,388
Contest Group Du Quebec	12	9,707,805
North Texas Contest Club	9	8,966,871
CTRI Contest Group	11	8,774,646
Kansas City Contest Club	19	8,180,643
Niagara Frontier Radiosport	17	7,702,569
Bozoga DX and Contest Club	6	7,186,344
Northern Rockies DX Association	5	6,641,367
Rochester (NY) DX Assn	19	6,342,564
Kentucky Contest Group	13	5,235,027
Mississippi Valley DX/Contest Club	15	5,080,899
Bristol (TN) ARC	14	4,754,223
Mother Lode DX/Contest Club	23	4,647,564
Northeast Maryland Amateur Radio Contest Society	12	4,149,099
Delara Contest Team	9	3,907,551
North Carolina DX and Contest Club	12	3,450,133
Utah DX Association	10	3,210,095
Spokane DX Association	16	2,478,867
Bergen ARA	12	2,322,360
Texas DX Society	5	1,885,995
Allegheny Valley Radio Association	4	1,557,480
West Park Radiops	13	1,533,852
Saskatchewan Contest Club	5	1,194,000
Western New York DX Assn	3	950,964
South Jersey Radio Assn	7	738,702
Swamp Fox Contest Group	9	543,588
Idaho DX Assoc	3	51,732
Local		
Central Virginia Contest Club	10	10,128,087
Bay Area DXers	6	3,847,086
Portage County Amateur Radio Service	7	3,425,022
Hoosier DX and Contest Club	3	2,568,162
Radiosport Manitoba	4	2,213,103
Metro DX Club	9	1,987,053
Meriden ARC	7	1,667,352
Allegheny Valley Radio Association	4	1,544,145
599 DX Association	6	1,500,675
Hampden County Radio Assn	6	1,226,391
Murgas ARC	3	1,140,381
Midland ARC	5	1,027,323
Alberta Clippers	3	1,023,378
Hilltop Transmitting Assn	8	927,273
Butler County ARA	4	921,021
Skyview Radio Society	4	815,079
Sterling Park ARC	10	756,411
Lincoln ARC	7	571,074
Milford (OH) ARC	8	555,624
Raritan Bay Radio Amateurs	3	551,790
West Allis RAC	3	378,948
New Mexico Big River Contesters	3	325,125
Kansas City DX Club	3	224,181
South Florida DX Assn	3	191,400
Great South Bay ARC	5	162,849
Lanse Creuse ARC	3	158,718
North Fulton ARC	3	153,360
Cleveland ARC	5	132,678
Peterborough Amateur Radio Club	5	117,129
QSY Society	3	114,513
Pueblo West Amateur Radio Club	4	102,510
Southern Berkshire ARC	3	85,353
Panhandle DX and Contest Club	3	72,222
Nanaimo Amateur Radio Association	4	43,047
South Texas DX and Contest Club	4	41,967
Heartland DX Association	3	39,261
Clark County Amateur Radio Club	4	34,047

Sponsored Plaque Winners

Thanks to the generous sponsorship of numerous clubs and individuals, we are pleased to announce the winners of a sponsored ARRL DX Phone plaque. The ARRL wishes to thank the plaque sponsors for their continued commitment to the ARRL Plaque Program. Without their support and dedication, the Plaque Program would not be possible. Unsponsored plaques may be purchased by the plaque winner. If you wish to purchase an unsponsored plaque or order a duplicate plaque, contact ARRL Contest Branch Manager Matt Wilhelm, W1MSW, at 860-594-0232 or by e-mail at w1msw@arrl.org. The cost for plaques is \$75 and includes shipping.

Plaque Category	Plaque Sponsor	Winner
W/VE Single Operator High Power Phone	Frankford Radio Club	VY2ZM
W/VE Single Operator Low Power Phone	Ed Sawyer, N1UR	NY6DX
W/VE Single Operator QRP Phone	Jeffrey Briggs, K1ZM	NT4TS
W/VE Single Operator Unlimited, High Power Phone	Pete Carter, K3VW Memorial	K3WWW
W/VE Single Operator High Power Combined Score	National Contest Journal	N1UR
W/VE Multioperator Two Transmitter Phone	DFW Contest Group	K9CT
W/VE 1.8 MHz Phone	Butch Greve, W9EWC Memorial	W2MF
W/VE 3.5 MHz Phone	Jeffrey Briggs, VY2ZM	W3LL
W/VE 7 MHz Phone	Charles Wooten, NF4A	W7WA
W/VE 21 MHz Phone	Northern Illinois DX Association	KU2M
W/VE 28 MHz Phone	Ralph Fontaine AF7DX	K1ZR
Hudson Division Single Operator Low Power Phone	Hudson Valley Contesters and DX'ers	NY6DX
World Single Operator High Power Phone	North Jersey DX Association	8P5A (W2SC, op)
World Single Operator Low Power Combined Score	C. Sharp, K5DX Memorial by the Texas DX Society	VP9/W6PH
World Single Operator Phone QRP	Bill Parker, W8QZA	VP5H (W0GJ, op)
World Multioperator Two Transmitters Phone	W6NL and K6BL	T15W
World 1.8 MHz Phone	Fred Race, W8FR, In Memory of ZL2BT	NP4A
World 7 MHz Phone	Jim Rafferty, N6RJ Memorial — Cayman ARS	TM9R (F5FLN, op)
World 14 MHz Phone	Don Wallace, W6AM, Memorial Award	HK1T
Asia Single Operator QRP Phone	Sean Kutzko, KX9X	JH1OGC
Asia Multioperator Single Transmitter, High Power Phone	Yankee Clipper Contest Club	JA0QNJ
North America Multioperator Single Transmitter, High Power Phone	Nick Lash, K9KLR	NP2X
Oceania Single Operator High Power Phone	Albert Crespo, F5VHJ — In Memory of Carl Cook, AI6V	KH7M (NA2U, op)
Canada Single Operator Low Power Phone	Contest Club Ontario	VA3SWG
Japan Single Operator Low Power Phone	Western Washington DX Club	JH4UYB

Accurate Operating

Few of us would argue the importance of accuracy in communication, and contesting is no different. Getting the call and exchange right is important; make the extra effort and ask for a fill when you need it. Penalties are assessed for errors, so boost your score by getting the call sign right!

Multiplier Mayhem

Two of the Top 4 DX multiplier champions were repeats from last year, PJ2T and PJ4G, but T15W took the brass ring. Here is the full list: T15W (353), PJ2T (351), 8P5A (346), and PJ4G (345). Obviously, the Caribbean is the place to work a lot of states and provinces.

The best DXCC entity totals acquired by Multi-Operator and Single Operator entries are listed below. The dream of five-band DXCC in a weekend just got a little closer with a top 80 meter multiplier of 91, up from 90 last year. A special congratulations to team K3LR for the outstanding achievement of making the leading multiplier count on every band.

160: K3LR – 59 (MM);
VY2ZM – 55 (SOHP)

80: K3LR – 91 (MM);
VY2ZM – 77 (SOHP)

40: K3LR – 111 (MM);
NN3W (KL2A, op) — 91 (SOHP)

20: K3LR – 142 (MM);
NC1I (K9PW, op) — 111 (SOHP)

15: K3LR – 143 (MM);
VE3EJ – 118 (SOHP)

10: K3LR – 133 (MM);
K1KI – 128 (SOHP)

Conspiring Competition

Competing as part of a club is fun for both serious and casual testers. What a great way to compare your station and your skills with your friends! Clubs are also a great opportunity for training the next generation of testers.

ARRL Affiliated Club activity continues to grow, with 2094 club logs submitted from 90 clubs this year. Note that CW and SSB contests are combined in the overall club totals.

In the Local Club category, the Central Virginia Contest Club dominated, totaling 10.12 million points. The Bay Area DXers earned a respectable 3.84 million for the silver, followed by the Portage County Amateur Radio Service reaching 3.42 million for the bronze. Nice job!



Rob, K4OV, gives what would turn out to be the victory sign as C6ATF in the Bahamas. [Lee Hill, N1BA, photo]

W/VE Single Operator Region Leaders

Boxes list call sign, score, and power (Q = QRP, LP = Low Power, HP = High Power, UHP = Unlimited High Power, ULP = Unlimited Low Power).

Northeast Region (New England, Hudson, and Atlantic Divisions; Maritime and Quebec Sections)	Southeast Region (Delta, Roanoke, and Southeastern Divisions)	Central Region (Central and Great Lakes Divisions; Ontario East, Ontario North, Ontario South, and Greater Toronto Area Sections)	Midwest Region (Dakota, Midwest, Rocky Mountain, and West Gulf Divisions; Manitoba and Saskatchewan Sections)	West Coast Region (Pacific, Northwestern, and Southwestern Divisions; Alberta, British Columbia, and NWT Sections)
VY2ZM 6,756,456 HP	K4AB 2,569,698 HP	VE3EJ 5,629,464 HP	N2IC 3,959,571 HP	K6XX 2,033,613 HP
N1UR 5,264,271 HP	K4JPD (N4OO, op) 2,316,195 HP	XL3T (VE3AT, op) 4,300,575 HP	KM5VI 1,331,820 HP	KW7XX 722,424 HP
VY2TT 5,111,715 HP	K4PV 1,569,888 HP	W9RE 4,222,665 HP	AD5XD 1,185,912 HP	K6NA 690,552 HP
AA1K 3,719,430 HP	K4BAI 1,547,370 HP	KE8FT 674,652 HP	WD5K 1,139,985 HP	AD6NR 524,475 HP
K3ZO 2,553,039 HP	W4KW 1,025,775 HP	VA3ZDX 638,148 HP	NT5V 827,406 HP	W6AEA 468,648 HP
NY6DX 3,484,404 LP	N9DFD 651,213 LP	NA8V 1,769,508 LP	N5AW 2,093,742 LP	WN6K 626,652 LP
W1UE 2,929,860 LP	N3ZV 505,686 LP	N4TZ 1,627,395 LP	K0FX 313,956 LP	N7IR 583,704 LP
WA1Z 2,686,500 LP	WB4YDY 463,125 LP	KD9MS 772,464 LP	WA5IYX 254,976 LP	N6RV 557,886 LP
N1PGA 2,027,883 LP	K4SXT 420,420 LP	VA3SWG 696,132 LP	NW5Q 204,792 LP	K7ACZ 449,442 LP
WA2JQK 878,784 LP	NT4TS 279,090 Q	W8KTQ 609,954 LP	N1CC 202,788 LP	K6GHA 337,461 LP
N3WD 276,588 Q	K4CIA 193,776 Q	KA8SMA 186,960 Q	WB0IWG 39,120 Q	W6QU (W8QZA, op) 206,550 Q
N1TM 85,626 Q	K3TW 135,942 Q	KT8K 143,934 Q	K0TC 31,416 Q	K2GMV 54,549 Q
K2YM 72,822 Q	N4ZAK 38,916 Q	VE3BR 75,330 Q	N0NQ 29,325 Q	W7ZI 34,176 Q
AB3RW 17,490 Q	WM4P 18,156 Q	VE3LJQ 39,342 Q	K5FOV 5,418 Q	KG7RZ 16,905 Q
W2JEK 2,772 Q	W4ML (W4MYA, op) 2,598,792 UHP	K8ZT 10,335 Q	K5LLA 1,827,504 UHP	N6HI 13,608 Q
K3WW 5,251,584 UHP	N4WWW 2,087,106 UHP	AA9A (N9UA, op) 3,517,398 UHP	K0CN 1,324,320 UHP	K7RL 3,225,960 UHP
AA3B 4,933,170 UHP	WX4G 2,045,736 UHP	W8MJ 3,125,568 UHP	KESMMT 1,007,547 UHP	KA6BIM 1,677,177 UHP
NC1I (K9PW, op) 4,910,652 UHP	N4KG 1,837,380 UHP	VE3DZ 2,410,668 UHP	K0BJ 797,940 UHP	N7AT (K8IA, op) 1,489,125 UHP
NN3W (KL2A, op) 4,710,174 UHP	K5EK 1,780,350 UHP	N2BJ 2,254,518 UHP	KD0FW 773,163 UHP	W6TK 1,187,688 UHP
K3ZU 3,943,500 UHP	K1KNQ 1,802,640 ULP	VE3CX 1,912,266 ULP	VEATV (VE4EAR, op) 1,016,100 ULP	VE7SZ 828,516 UHP
KB3WD 4,272,048 ULP	KT4ZB 1,265,472 ULP	N5JR 1,811,418 ULP	AA0AI 796,932 ULP	W2RD 454,020 ULP
KS1J 2,282,616 ULP	K3IE 1,203,288 ULP	VA3DF 1,811,418 ULP	N5JR 718,794 ULP	VA7BEC 399,600 ULP
N2SQW 1,474,080 ULP	K4DMR 1,164,192 ULP	K9PG 834,768 ULP	KC0DEB 483,021 ULP	VE6TN 325,680 ULP
W3KB 1,471,380 ULP	K14TZ 1,136,016 ULP	K8LY 821,439 ULP	N0HJZ 433,566 ULP	K6WSC 302,085 ULP
WX1S 1,307,223 ULP		WE9R 695,898 ULP		VA6NJK 233,352 ULP
		WD8S 588,354 ULP		

Continental Leaders

Continent	Call	Score	Continent	Call	Score
Africa			North America		
Single Operator, High Power	EE8Z (NP4Z, op)	6,320,538	Single Operator, High Power	8P5A (W2SC, op)	9,453,066
Single Operator, Low Power	EA8BQM	298,614	Single Operator, Low Power	ZF2DX	7,138,515
Single Operator Unlimited, High Power	EA8DO	206,472	Single Operator, QRP	VP5H (W0GJ, op)	2,877,732
Single Operator Unlimited, Low Power	EA8BZH	28,539	Single Operator Unlimited, High Power	6Y2M (VE3LA, op)	7,310,550
Single Operator, 20 Meters	EC8AQQ	18,486	Single Operator Unlimited, Low Power	WP2AA (KK9A, op)	5,820,255
Single Operator, 15 Meters	EF8U (EA8DDM, op)	229,923	Single Operator, 160 Meters	NP4A	114,570
Single Operator, 10 Meters	EA8TX	201,609	Single Operator, 80 Meters	ZF2BH (OH2BH, op)	283,731
Multioperator, Single Transmitter, Low Power	3V8SS	847,476	Single Operator, 40 Meters	H1K3	123,540
Multioperator, Two Transmitter	CR3L	8,058,852	Single Operator, 20 Meters	TG9ANF	273,234
			Single Operator, 15 Meters	KP4BD	350,991
			Single Operator, 10 Meters	XE1B	472,590
Asia			Multioperator, Single Transmitter, High Power	NP2X	8,043,219
Single Operator, High Power	JA0JHA	1,821,015	Multioperator, Single Transmitter, Low Power	C6ATF	5,552,625
Single Operator, Low Power	JH4UYB	416,646	Multioperator, Two Transmitter	TI5W	13,087,122
Single Operator, QRP	JH1OGC	43,890	Multioperator, Unlimited Transmitter	TI5M	7,976,964
Single Operator Unlimited, High Power	JF2QNM	458,541			
Single Operator Unlimited, Low Power	JA1M2M	71,655	Oceania		
Single Operator, 80 Meters	JE1SPY	504	Single Operator, High Power	KH7M (NA2U, op)	4,098,870
Single Operator, 40 Meters	RN0CT	75,972	Single Operator, Low Power	KH6CJJ	1,298,997
Single Operator, 20 Meters	UA0IDZ	103,824	Single Operator, QRP	VK4ATH	14,382
Single Operator, 15 Meters	JA7NVF	256,749	Single Operator Unlimited, High Power	NH6Y	1,041,330
Single Operator, 10 Meters	HZ1DG	151,317	Single Operator Unlimited, Low Power	ZL2MM	2,550
Multioperator, Single Transmitter, High Power	JA0QNJ	1,913,940	Single Operator, 80 Meters	KH6DD (KH6LC, op)	10,098
Multioperator, Single Transmitter, Low Power	JJ2YNR	5,220	Single Operator, 40 Meters	YB0DJ	3,825
Multioperator, Two Transmitter	JH1EAQ	1,640,916	Single Operator, 20 Meters	VK3VTH	39,192
Multioperator, Unlimited Transmitter	JA3YBK	2,678,715	Single Operator, 15 Meters	KH6LC (NH6V, op)	462,060
			Single Operator, 10 Meters	ZM2IO	194,169
Europe			Multioperator, Single Transmitter, High Power	ZM4T	374,085
Single Operator, High Power	CS2C (OK1RF, op)	5,221,278	Multioperator, Unlimited Transmitter	KH7XX (@ KH6YY)	7,203,240
Single Operator, Low Power	OE3K (OM7JG, op)	1,231,191			
Single Operator, QRP	CT1BXT	151,290	South America		
Single Operator Unlimited, High Power	EC2DX	3,791,844	Single Operator, High Power	OA4SS	3,059,070
Single Operator Unlimited, Low Power	F4BKV	967,680	Single Operator, Low Power	LU1FAM	915,498
Single Operator, 160 Meters	CU2CE	14,484	Single Operator, QRP	PJ2TRX	10,200
Single Operator, 80 Meters	GM3PPG (G4BYB, op)	122,706	Single Operator Unlimited, High Power	PX5E (PP5JR, op)	4,151,880
Single Operator, 40 Meters	TM9R (F5FLN, op)	304,086	Single Operator Unlimited, Low Power	YV5EAM	886,410
Single Operator, 20 Meters	OZ7X (OZ5KF, op)	299,754	Single Operator, 80 Meters	YW5T (YV5JBI, op)	192,753
Single Operator, 15 Meters	TM0T	503,616	Single Operator, 40 Meters	YV5EPM	207,267
Single Operator, 10 Meters	DK3T (DK3EE, op)	347,652	Single Operator, 20 Meters	HK1T	705,282
Multioperator, Single Transmitter, High Power	TM6M	6,687,516	Single Operator, 15 Meters	FY5KE (F1HAR, op)	620,100
Multioperator, Single Transmitter, Low Power	TM1T	713,700	Single Operator, 10 Meters	TO1A (F5HRY, op)	679,149
Multioperator, Two Transmitter	9A1P	5,699,727	Multioperator, Single Transmitter, High Power	PJ2T	9,413,820
Multioperator, Unlimited Transmitter	9A1A	6,993,345	Multioperator, Single Transmitter, Low Power	PY1GQ	833,715
			Multioperator, Two Transmitter	PJ4G	12,746,025
			Multioperator, Unlimited Transmitter	LP1H	5,030,724

Moving up to the Medium Clubs, the North Coast Contesters repeated last year's win, netting a commanding 72.67 million points. The Carolina DX Association edged out the Central Texas DX and Contest Club in a very close race for second and third. Places two through eight were each separated by about 1 million points, so this could be anyone's race next year. Who is going to make it happen?

But real race this year was at the Unlimited Club level. As always, this was an epic struggle between the Yankee Clipper Contest Club, Frankford Radio Club, and the Potomac Valley Radio Club. These clubs invest a huge effort, keep a careful tally of their scores and compare notes through the process. Clearly, PVRC placed 3rd this year with a huge 220 million. But YCCC and FRC had

a difficult time determining the leader, and at one YCCC meeting presentation, the score separation between clubs was estimated at a razor thin 0.06% over hundreds of logs. Well, we now have the final count, and it's an upset. After 3 years of YCCC wins, the Phantastic Philadelphians at FRC prevailed with 292.8 million. The Yankees with Yagis came in at 287.3 million points, about 1.8% short. Who will prevail next year? Stay tuned to 3830.

Looking Ahead

Even with 2015 conditions a bit down from 2014, propagation was quite good and 10 meters was productive. If you were not on this year, or have never worked a DX contest, please give it a try. You will be very pleasantly surprised with how much you can

work, even with a modest station. It's addictive!

For those of you lamenting the likely loss of hot 10 meter activity, perhaps that will happen next year, and perhaps not for 3 more years. But there are five other contest bands, and each one of them is fun in a different way. 40 and 20 alone are enough to keep an operator busy for an entire contest. Just turn on your radio during the weekends of February 20 – 21 (CW) and March 5 – 6 (SSB) next year and test the waters.

The ARRL Soapbox web page (www.arrrl.org/soapbox) contains more photos and stories, too. Send your contest stories and photos next year, and your suggestions for what to put in next year's article are always welcome.

W1AW Schedule

W1AW's schedule is at the same local time throughout the year. From the second Sunday in March to the first Sunday in November, UTC = Eastern US Time + 4 hours. For the rest of the year, UTC = Eastern US Time + 5 hours.



◆ Morse code transmissions: Frequencies are 1.8025, 3.5815, 7.0475, 14.0475, 18.0975, 21.0675, 28.0675, and 147.555 MHz.

Slow Code = practice sent at 5, 7½, 10, 13, and 15 WPM.

Fast Code = practice sent at 35, 30, 25, 20, 15, 13, and 10 WPM.

Code bulletins are sent at 18 WPM.

◆ W1AW Qualifying Runs are sent on the same frequencies as the Morse code transmissions. West Coast qualifying runs are transmitted by K6YR and other West Coast stations on 3590 kHz and other frequencies. See "Contest Corral" in this issue. Underline one minute of the highest speed you copied, certify that your copy was made without aid, and send it to ARRL for grading. Please include your name, call sign (if any), and complete mailing address. Fees: \$10 for a certificate, \$7.50 for endorsements.

◆ Digital transmissions: Frequencies are 3.5975, 7.095, 14.095, 18.1025, 21.095, 28.095, and 147.555 MHz.

Bulletins are sent using 45.45-baud Baudot, PSK31 in BPSK mode and MFSK16 on a daily revolving schedule.

Keplerian elements for many amateur satellites will be sent on the regular digital frequencies on Tuesdays and Fridays at 6:30 PM Eastern Time using Baudot and PSK31.

◆ Voice transmissions: Frequencies are 1.855, 3.99, 7.29, 14.29, 18.16, 21.39, 28.59, and 147.555 MHz.

◆ Notes: On Fridays, UTC, a DX bulletin replaces the regular bulletins. W1AW is open to visitors 10 AM to noon and 1 PM to 3:45 PM Monday through Friday. FCC licensed amateurs may operate the station during that time. Be sure to bring your current FCC amateur license or a photocopy. In a communication emergency, monitor W1AW for special bulletins as follows: voice on the hour, teleprinter at 15 minutes past the hour, and CW on the half hour.

W1AW code practice and CW/digital/phone bulletin transmission audio is also available real-time via the *EchoLink Conference Server W1AWBDCT*. The conference server runs concurrently with the regularly scheduled station transmissions.

During 2015, Headquarters and W1AW are closed on New Year's Day, Presidents' Day (February 16), Good Friday (April 3), Memorial Day (May 25), Independence Day (July 4), Labor Day (September 7), Thanksgiving and the following day (November 26 and 27), and Christmas (December 25). For more information, visit us at www.arrrl.org/w1aw.

PAC	MTN	CENT	EAST	UTC	MON	TUE	WED	THU	FRI
6 AM	7 AM	8 AM	9 AM	1300		FAST CODE	SLOW CODE	FAST CODE	SLOW CODE
7 AM-1 PM	8 AM-2 PM	9 AM-3 PM	10 AM-4 PM	1400-1600 1700-1945	VISITING OPERATOR TIME (12 PM-1 PM CLOSED FOR LUNCH)				
1 PM	2 PM	3 PM	4 PM	2000	FAST CODE	SLOW CODE	FAST CODE	SLOW CODE	FAST CODE
2 PM	3 PM	4 PM	5 PM	2100	CODE BULLETIN				
3 PM	4 PM	5 PM	6 PM	2200	DIGITAL BULLETIN				
4 PM	5 PM	6 PM	7 PM	2300	SLOW CODE	FAST CODE	SLOW CODE	FAST CODE	SLOW CODE
5 PM	6 PM	7 PM	8 PM	0000	CODE BULLETIN				
6 PM	7 PM	8 PM	9 PM	0100	DIGITAL BULLETIN				
6 ⁴⁵ PM	7 ⁴⁵ PM	8 ⁴⁵ PM	9 ⁴⁵ PM	0145	VOICE BULLETIN				
7 PM	8 PM	9 PM	10 PM	0200	FAST CODE	SLOW CODE	FAST CODE	SLOW CODE	FAST CODE
8 PM	9 PM	10 PM	11 PM	0300	CODE BULLETIN				