

2014 ARRL January VHF Contest Results

Was it the POLAR VORTX?

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The winter of 2013 – 2014 brought a new weather term to much of the United States and Canada — the Polar Vortex. Or, as I have taken the liberty to transform the term into call signs — POLAR and VORTX. The resulting shift in the path of the jet stream and other atmospheric dynamics brought extreme weather conditions to much of the country. With VHF+ propagation so dependent on atmospheric conditions, this surely had some effect on the January VHF Contest, January 18 – 20.

Is it possible that the effects of POLAR and VORTX were a factor in 2014's 622 logs being one of the lowest counts in recent years? Not only did the atmosphere "look different" to radio waves, but the aggressive weather in much of the country must have affected the willingness of potential participants. Regardless of the exact causes, the 622 logs represent a 13% drop from 2013's 721 entries and follows the trend since 2010's 820 logs, with 2011 and 2012 also showing a decrease.

This year's reduced activity is also reflected in the total QSO count, falling just shy of 57,000 as compared to last year's total of just over 63,000. The count of "other" calls (for which logs were not received) among 2014's submitted logs dropped to just over 2500, which is down by about 1000 from last year's count.

Regions and Categories

The chart on page 86 illustrates the overall log submission count broken down by region over the past 5 years. Comparing 2014 to 2013, the West Coast is the one bright spot, with log submissions growing by 25%, 114 this year compared to 91 in 2013, while the log counts from the Northeast, Southeast, Central, and Midwest regions shrunk anywhere from 12% (Northeast) to 31% (Midwest), with Southeast and Central dropping by 26% and 24 %, respectively. The impact of POLAR and VORTX on this sea-



John, N2NC, enjoyed operating from Andy's, N2NT, VHF+ basement shack. Andy added three-band capability to his station this year. (Photo by N2NC)

son's weather patterns were more pronounced east of the Rocky Mountains so there does seem to be some correlation.

Scanning across the categories, log counts in four of the 10 categories actually bucked the trend of reductions. The Single Operator, High Power log count grew to 142 logs in 2014, eight more than last year. Sixteen logs in Single Operator Portable is a 60% increase over the 10 from 2013. In the Classic Rover category, 2014's log count swelled by 1/3 to 39 — 10 more than last year. The Rover Unlimited category held its own this year, matching the four in 2013.

Other categories proved less popular. In Single Operator, Low Power, the log count of 256 was a substantial drop of 77 fewer than last year's count of 333. The new categories of Single Operator, Three Band and Single Operator, FM Only both dropped by 10 from 2013's counts, 67 for SO3B and 13 for SOFM this year. Multioperator (Unlimited) and Limited Multioperator log counts also shrank; 2014's 48 "M" and 20 "L" category logs were 11 and 9 fewer, respectively, than the count of logs in those categories last year. The 17 logs in the Limited Rover category this year was barely half of the 30 that were submitted in 2013.

The West Coast region's growth in log submissions was consistent across its three divisions, with the log totals from the Pacific, Northwestern, and Southwestern Divisions increasing by 12, 10, and 3, respectively. In the Northeast, the New England Division came close to bucking the trend, only dropping to 80 logs from the 82 received in 2013, while the Atlantic and Hudson divisions dropped by 17 and 11, respectively. Log count shrinkage was present in all the divisions of the remaining regions, with the Delta Division and Central Division showing matching drops of 13 each while the Rocky Mountain Division reported the largest percentage drop, 50% (10 in 2014 vs. 20 in 2013).

Affiliated Club Competition

Club Name	Logs	Score
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Unlimited Category

Mt Airy VHF Radio Club	68	2,184,377
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Medium Category

Southern California Contest Club	10	1,571,240
Potomac Valley Radio Club	24	810,614
North East Weak Signal Group	20	593,373
Florida Weak Signal Society	17	154,026
Pacific Northwest VHF Society	25	152,455
Society of Midwest Contesters	12	138,705
Northern Lights Radio Society	15	137,417
Badger Contesters	8	99,363
Contest Club Ontario	11	57,993
Yankee Clipper Contest Club	11	43,637
Frankford Radio Club	6	31,756
CTRI Contest Group	4	21,411
Roadrunners Microwave Group	5	15,860
Six Meter Club of Chicago	9	14,317
Bristol (TN) ARC	11	11,425
Central Texas DX and Contest Club	3	11,267
Hudson Valley Contesters and DXers	3	8,324
Northern California Contest Club	6	7,868
Rochester VHF Group	5	6,841
Arizona Outlaws Contest Club	8	5,755
Florida Contest Group	4	4,194

Local Category

Stoned Monkey VHF ARC	6	36,225
Chippewa Valley VHF Contesters	3	19,106
Bergen ARA	8	16,332
Rappahannock ARA	3	14,969
Nashoba Valley ARC	8	12,074
Granite State ARA	5	10,344
Ventura County Amateur Radio Society	3	7,499
Contoocook Valley Radio Club	3	6,025
10-70 Repeater Assn	3	4,952

Division Winners

Single Operator, Low Power

Atlantic	WA3NUF	114,760
Central	K2DRH	115,878
Dakota	K6SIX	6,720
Delta	N4QWZ	41,990
Great Lakes	N8WNA	1,725
Hudson	WB2JAY	34,155
Midwest	WB0YWW	5,916
New England	AF1T	57,448
Northwestern	KE0CO	11,925
Pacific	AF6RR	16,240
Roanoke	WB8TFV	10,556
Rocky Mountain	KK0Q	1,120
Southeastern	N4TWX	6,345
Southwestern	K6TSK	10,472
West Gulf	KD5KC	4,465
Canada	VA3ZV	13,601

Single Operator, High Power

Atlantic	K1RZ	220,865
Central	W0UC	61,341
Dakota	W0GHZ	30,514
Delta	W5MRB	5,778
Great Lakes	K8TQK	58,487
Hudson	W2BVH	18,144
Midwest	KF0M	1,792
New England	K1TEO	323,375
Northwestern	N7EPD	26,660
Pacific	KC6ZWT	20,191
Roanoke	N4HB	12,096
Rocky Mountain	W6OAL	258
Southeastern	K0VXM	33,960
Southwestern	KC6SEH	6,136
West Gulf	K5AND	8,866
Canada	VA7FC	731

Single Operator, Portable

Atlantic	N2TEB	174
Dakota	N10W	84
Hudson	WB2AMU	648
Midwest	N0JK	3
New England	N4QX	10
Northwestern	K7ATN	7,520
Pacific	N6NB	123,324
Roanoke	KB4IRR	1
Rocky Mountain	W0STU	988
Southwestern	N6WS	27
West Gulf	W5RST	4
Canada	VA3RKM	44

Single Operator, Three Band

Atlantic	KV2R	4,200
Central	K9MU	11,968
Dakota	KB0HNN	406
Delta	KG5MD	176
Great Lakes	AC8HU	1,378
Hudson	W2ID	150
Midwest	K0JQA	442
New England	KW2T	910
Northwestern	WB7FJG	1,026
Pacific	K6MI	12,160
Roanoke	KD4AA	2,686
Rocky Mountain	WB0TGE	6
Southeastern	N3LL	1,863
Southwestern	N7RK	1,378
West Gulf	AA5AM	1,392
Canada	VE7DAY	850

Single Operator, FM Only

Central	WD9DMM	20
	WD9GDB	20
Dakota	KB0LYL	1,218
New England	KB1YSK	90
Northwestern	K7NIT	232
Pacific	N9VM (N1VM, op)	180
Southwestern	KD2CKO	12

Multioperator

Atlantic	N3NGE	524,654
Central	N2BJ	4,797
Dakota	W0MR	840
Great Lakes	W8RU	750
Hudson	W2JJ	1,862
Midwest	AD0H	70
New England	W1XM	21,168
Northwestern	KB7ME	7,486
Pacific	W6RKC	675
Roanoke	KU1T	85
Southeastern	W1LVL	602
Southwestern	W6QAR	1,342
West Gulf	KB0HH	7,084

Limited Multioperator

Atlantic	K2LIM	97,955
Central	W9RVG	2,835
Dakota	W0VB	2,541
Hudson	N2NT	17,582
New England	W1QK	20,720
Roanoke	K1HTV	14,364
Southeastern	W4NH	12,040
Southwestern	K0DI	1,825
West Gulf	K5QE	75,969

Rover

Atlantic	NN3Q/R	74,008
Central	W9FZ/R	25,069
Dakota	KC0P/R	5,376
Delta	AG4V/R	10,902
Midwest	KC0SKM/R	10,622
New England	AA1I/R	4,800
Northwestern	WE7X/R	2,088
Pacific	N6TEB/R	335,140
Roanoke	K8GP/R	293,178
Southeastern	N2CEI/R	29,205
Southwestern	N6ZE/R	6,878
West Gulf	K0MHC/R	9,558
Canada	VE3OIL/R	30,932

Limited Rover

Atlantic	N2SLN/R	26,040
Central	W9DAV/R	869
Hudson	N2ZBH/R	13,360
Midwest	AC0RA/R	36,270
Northwestern	WW7D/R	28,612
Pacific	W6YLZ/R	42,490
Rocky Mountain	AB0YM/R	910
West Gulf	K5GJ/R	6,747
Canada	VE3RKS/R	25

Unlimited Rover

Atlantic	KM3G/R	15,416
New England	KJ1K/R	5,217
West Gulf	AF5CC/R	240

with Buck, KC2HIZ, piloted their seven-band rover vehicle through eight grids around Western Massachusetts. Roving in January in New England, or anywhere with wintry conditions, is "highly non-trivial" at times and a tip of the contesting cap is due to those who ventured out in those adverse conditions.

The bump in West Coast activity stepped the region up to second place for log count. Among overall category leaders from the West Coast, Wayne, N6NB, towed his tower trailer up to Madera, California, near a grid corner, setting up in CM96, to claim the overall top score in Single Operator Portable by a substantial margin. Wayne had 11 bands at his command from 50 MHz through 24 GHz and logged 344 QSOs from his San Joaquin Valley spot.

The region was also home to the overall top scorer in Single Operator, Three Band, with John, K6MI, reporting 244 QSOs, also from the San Joaquin Valley Section, edging a competitor from the Central region by less than 200 points. Classic Rover and Limited Rover operations proliferated in the West Coast as well, with five of the top six Classic Rover and two of the top three Limited Rover scores.

Dave, N6TEB/R, and Kent, K6WCI amassed 618 contacts among the 11 bands at their disposal to claim the top spot in Classic Rover and Mike, W6YLZ, reported 421 QSOs among his four bands for a leading effort in Limited Rover. Both Dave and Mike submitted their log from SJV although the ten grids they each visited also included the LAX and ORG sections. The third overall spot in Limited Rover was claimed by Darryl, WW7D/R, with 476 QSOs on four bands from 10 Western Washington grids, but two-thirds Mike's multiplier total.

With 85 log submissions, the Southeast claimed the third spot among the regions but didn't yield any overall category top scorers. Notable, however, were the roving Grid Pirates, K8GP/R, operated by Terry, W8ZN, and Andy, K1RA, who claimed the third spot in the Classic Rover category overall. Andy prepared and posted quite an interesting travelogue of their efforts on his website at www.k1ra.us/roving/k1ra-k8gp-rover-arri-jan-vhf-ss-2014, including some videos. Terry and Andy compiled 900 QSOs across the 10 bands in the rover vehicle of Rich, N3UW. They submitted their log from the Virginia Section but the eight grids they visited also included Maryland and Pennsylvania.

Regional Top Category Finishers

The Northeast Region remained the log submission leader with 267 logs submitted. The Eastern Pennsylvania Section matched the New England Division with 80 logs each. With that concentration of VHF+ activity, the Northeast was home the eight top finishers in Single Operator, High Power, led by Jeff, K1TEO, with 847 QSOs and 199 Multipliers across 10 bands from his Connecticut QTH.

Multioperator categories were also big in the Northeast. The team at N3NGE racked up over 1200 contacts and 221 multipliers on eleven bands from their perch in Eastern

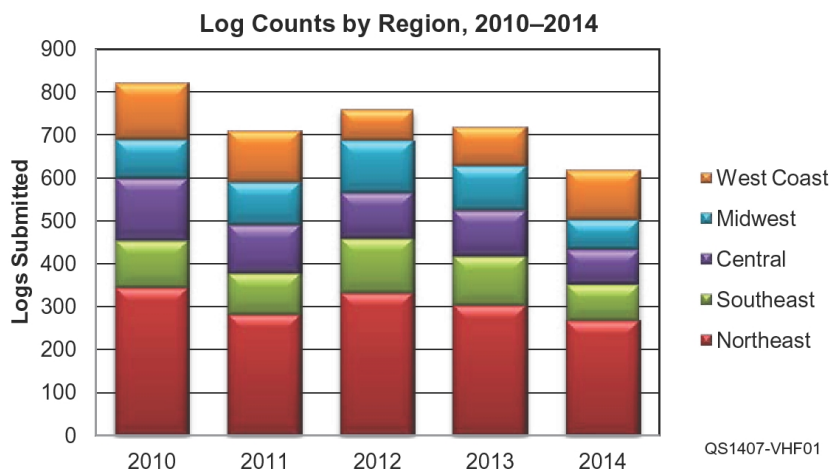
Pennsylvania to claim the overall top score in Unlimited Multioperator by quite a margin. The region was also the home of the top two overall scorers in Limited Multioperator, with Western New York's LIM Amateur Radio Group, K2LIM, making a few more QSOs from their favorite high spot to edge ahead of Western Pennsylvania's Wopsononock Mountaintop Operators, W3SO.

In Unlimited Rover, the Northeast was also well represented with the top two overall scores in the category. Tyler, KM3G/R, visited six grids around Eastern Pennsylvania with a six-band station and Sig, KJ1K/R,

Regional Leaders

Categories: A — Single Operator, Low Power; B — Single Operator, High Power; Q — Single Operator, Portable; 3B — Single Operator, Three Band; FM — Single Operator, FM Only; M — Multioperator (Unlimited); L — Limited Multioperator; R — Rover; RL — Limited Rover; RU — Unlimited Rover

Northeast Region			Southeast Region			Central Region			Midwest Region			West Coast Region		
New England, Hudson, and Atlantic Divisions; Maritime and Quebec Sections			Delta, Roanoke, and Southeastern Divisions			Central and Great Lakes Divisions; Ontario Sections			Dakota, Midwest, Rocky Mountain, and West Gulf Divisions; Manitoba and Saskatchewan Sections			Pacific, Northwestern, and Southwestern Divisions; Alberta, British Columbia, and NWT Sections		
WA3NUF	114,760	A	N4QWZ	41,990	A	K2DRH	115,878	A	K0SIX	6,720	A	AF6RR	16,240	A
N3RG	76,244	A	WB8TFV	10,556	A	N9DG	31,248	A	WB0YWW	5,916	A	KE0CO	11,925	A
WA3GFZ	70,434	A	K4FJW	6,800	A	VA3ZV	13,601	A	KC0AKU	5,504	A	K6TSK	10,472	A
AF1T	57,448	A	N4TWX	6,345	A	N9LB	12,032	A	KD5KC	4,465	A	K2GMY	8,600	A
WB2JAY	34,155	A	KX4R	2,812	A	VE3SMA	10,272	A	N0LL	1,512	A	K7YDL	4,844	A
K1TEO	323,375	B	K0VXM	33,960	B	W0UC	61,341	B	W0GHZ	30,514	B	N7EPD	26,660	B
K1RZ	220,865	B	W4ZRH	28,028	B	K8TQK	58,487	B	W0ZQ	14,040	B	KC6ZWT	20,191	B
K3TUF	215,740	B	N4HB	12,096	B	W9GA	30,132	B	K5AND	8,866	B	KE7SW	12,408	B
WB2RVX	196,846	B	NG4C	6,149	B	K9EA	15,900	B	W5PR	6,307	B	K7ND	11,835	B
WA2FGK (K2LNS, op)	180,110	B	W5MRB	5,778	B	WA8RJF	13,568	B	W5LUA	4,280	B	KI7JA	8,184	B
WB2AMU	648	Q	KB4IRR	1	Q	VA3RKM	44	Q	W0STU	988	Q	N6NB	123,324	Q
N2TEB	174	Q							NI0W	84	Q	K7ATN	7,520	Q
N4QX	10	Q							W5RST	4	Q	KI6QEL	1,216	Q
WA3WUL	8	Q							N0JK	3	Q	N6WS	27	Q
W3MEO	4	Q												
KV2R	4,200	3B	KD4AA	2,686	3B	K9MU	11,968	3B	AA5AM	1,392	3B	K6MI	12,160	3B
NF2RS			N3LL	1,863	3B	NT9E	1,496	3B	K0JQA	442	3B	N7RK	1,378	3B
(K2QQ, op)	3,080	3B	N4NGZ	560	3B	AC8HU	1,378	3B	KB0HNN	406	3B	KP4MD	1,224	3B
K3YDX	2,208	3B	KG5MD	176	3B	WA9PWP	1,071	3B	K0VG	152	3B	WB7FJG	1,026	3B
KC2TA	1,584	3B	KM4ID	162	3B	KO9A	1,037	3B	WB0TGE	6	3B	K7VIT	915	3B
KW2T	910	3B												
KB1YSK	90	FM				WD9DMM	20	FM	KB0LYL	1,218	FM	K7NIT	232	FM
						WD9GDB	20	FM				N9VM (N1VM, op)	180	FM
												NI6G	60	FM
												KA6AMB	35	FM
												KH7CR	18	FM
N3NGE	524,654	M	W1LVL	602	M	N2BJ	4,797	M	KB0HH	7,084	M	KB7ME	7,486	M
WA3EHD	33,405	M	AJ4GC	598	M	W8RU	750	M	W0MR	840	M	W6QAR	1,342	M
W1XM	21,168	M	KE4WBO	369	M	K9ZM	450	M	KC5MVZ	364	M	W6RKC	675	M
WB3IGR	20,808	M	KU1T	85	M				AD0H	70	M	KL7XJ	12	M
N1JEZ	11,285	M	N1LF	78	M				K3TD	25	M			
K2LIM	97,955	L	K1HTV	14,364	L	W9RVG	2,835	L	K5QE	75,969	L	K0DI	1,825	L
W3SO	88,458	L	W4NH	12,040	L	N9TF	2,075	L	W5CSC	3,276	L	AE7DW	40	L
W1QK	20,720	L	WY3P	8,496	L				W0VB	2,541	L			
N2NT	17,582	L	N4BRF	2,975	L									
W3RFC	1,344	L	W4PH	435	L									
NN3Q/R	74,008	R	K8GP/R	293,178	R	VE3OIL/R	30,932	R	KC0SKM/R	10,622	R	N6TEB/R	335,140	R
K3IU/R	9,675	R	N2CEI/R	29,205	R	W9FZ/R	25,069	R	K0MHC/R	9,558	R	K9JK/R	318,078	R
AA1I/R	4,800	R	K4SME/R	25,245	R	K9TMS/R	13,440	R	KC0P/R	5,376	R	W6TE/R	286,504	R
K3EGE/R	1,422	R	WB2ONA/R	21,942	R	K9BTW/R	12,264	R	N0HZO/R	4,876	R	WA6WTF/R	226,440	R
			N2CYM/R	21,677	R	KC9QZO/R	4,660	R	KC0IYT/R	3,475	R	W6TTF/R	226,440	R
N2SLN/R	26,040	RL				W9DAV/R	869	RL	AC0RA/R	36,270	L	W6YLZ/R	42,490	RL
N2ZBH/R	13,360	RL				VE3RKS/R	25	RL	K5GJ/R	6,747	RL	WW7D/R	28,612	RL
WB2SIH/R	1,200	RL							W0JT/R	1,980	RL	KE7IHG/R	7,896	RL
N2DCH/R	432	RL							KD5EUO/R	1,659	RL	N6ORB/R	5,856	RL
									AB0YM/R	910	RL	K7BWH/R	2,610	RL
KM3G/R	15,416	RU							AF5CC/R	240	RU	AH6RH/R	504	RU



Five-year comparison chart of logs by region.

The Central Region was the source of 81 logs and home to the Single Operator, Low Power leader, Bob, K2DRH. Bob shared the story of the many challenges he had for this January's contest in the online soapbox at www.arrl.org/soapbox/view/8857. He logged 402 QSOs and 178 multipliers across the eight bands from his station in the north-west corner of the Illinois section. Bob's multiplier count was a big factor in his claiming the top spot for the category over Phil, WA3NUF, from the Northeast Region. While Phil had 1/3 more QSOs (539), Bob's 178 multipliers almost doubled Phil's 95.

Also notable from the Central Region was the effort of Justin, K9MU, in Single Operator, Three Band. Justin claimed the

Top Ten by Category

Single Operator, Low Power

K2DRH	115,878
WA3NUF	114,760
N3RG	76,244
WA3GFZ	70,434
AF1T	57,448
N4QWZ	41,990
WB2JAY	34,155
W3SZ	33,264
N9DG	31,248
N3FTI	21,560

Single Operator, High Power

K1TEO	323,375
K1RZ	220,865
K3TUF	215,740
WB2RVX	196,846
WA2FGK	(K2LNS, op) 180,110
K3IPM	73,920
W3PAW	69,000
WA3DRC	67,464
W0UC	61,341
N3HBX	59,090

Single Operator, Portable

N6NB	123,324
K7ATN	7,520
K1QEL	1,216
W0STU	988
WB2AMU	648
N2TEB	174
N1OW	84
VA3RKM	44
N6WS	27
N4QX	10

Single Operator, Three-Band

K6MI	12,160
K9MU	11,968
KV2R	4,200
NF2RS	(K2QO, op) 3,080
KD4AA	2,686
K3YDX	2,208
N3LL	1,863
KC2TA	1,584
NT9E	1,496
AA5AM	1,392

Single Operator, FM Only

KB0LYL	1,218
K7NIT	232
N9VM	(N1VM, op) 180
KB1YSK	90
N1GG	60
KA6AMB	35
WD9DDM	20
WD9GDB	20
KH7CR	18
KK6DCM	12
KD2CKO	12

Limited Multioperator

K2LIM	97,955
W3SO	88,458
K5QE	75,969
W1QK	20,720
N2NT	17,582
K1HTV	14,364
W4NH	12,040
WY3P	8,496
W5CSC	3,276
N4BRF	2,975

Multioperator

N3NGE	524,654
WA3EHD	33,405
W1XM	21,168
WB3IGR	20,808
N1JEZ	11,285
KE1LI	8,029
KB7ME	7,486
KB0HH	7,084
N2BJ	4,797
K2PLF	4,104

Rover

N6TEB/R	335,140
K9JK/R	318,078
K8GP/R	293,178
W6TE/R	286,504
W6TTF/R	226,440
WA6WTF/R	226,440
NN3Q/R	74,008
VE3OIL/R	30,932
N2CEI/R	29,205
K4SME/R	25,245

Limited Rover

W6YLZ/R	42,490
AC0RA/R	36,270
WW7D/R	28,612
N2SLN/R	26,040
N2ZBH/R	13,360
KE7IHG/R	7,896
K5GJ/R	6,747
N6ORB/R	5,856
K7BWH/R	2,610
W0JT/R	1,980

Unlimited Rover

KM3G/R	15,416
KJ1K/R	5,217
AH6RH/R	504
AF5CC/R	240

second overall spot in the category with 153 contacts and 64 multipliers (30 of them on 50 MHz) from his Wisconsin location, less than 200 points behind the category leader, John, K6MI, from the West Coast.

Seventy-one logs from the Midwest wraps up the five regions. Kudos to Art, KB0LYL, for his persistence in completing 87 contacts from his Minnesota Section location. Art stretched his FM signal across 14 grids to claim the top spot in the Single Operator, FM Only category. Art used only one of the four bands allowed, 144 MHz, for his leading effort.

Lacking the concentration of stations to work that exists in the Northeast Region, the team of operators at K5QE worked hard to claim the third spot in the Limited Multioperator category from their East Texas location (in the South Texas Section). The crew at Marshall's station racked up 207 multipliers so almost ⅓ of their 315 contacts were in a unique multiplier for them.

The Midwest was also less hospitable to Rovers but Wyatt, AC0RA, teamed up with Brian, KD0LRG to brave the cold and challenging road conditions. They piloted their four-band station through 10 grids to complete 328 QSOs, achieve this year's top multiplier count among limited Rovers (78), and finish second in the category.

Affiliated Club Competition

Of the 394 logs (63% of the total) that listed a club name (excluding the "NONE" club), more than 80 different club names were listed. Thirty-one of those club names met the minimum requirement of three logs to be included in the battle for the highly coveted gavels. The details are found in the table of Club Competition results.

Congratulations to the six members of the Stoned Monkey VHF ARC for finishing atop the 10 clubs in the Local category! Ten logs from the Southern California Contest Club cemented their claim to the Medium Club gavel among the 21 clubs vying for it. The Mt Airy VHF Radio Club Packrats continued their streak of topping the 51-log hurdle to reach the Unlimited Club category and earn that gavel. Their log count grew to 68, three more than last year, but their aggregate total score dropped by a little over 400,000 from 2013.

Wait Until Next Year...

While the presence of POLAR and VORTEX may have subdued this year's level of activity, all the participation is welcome and appreciated. Let's see if we can bounce back next year. We can hope that the bad effects of POLAR and VORTEX will stay away and maybe some mid-winter sporadic E fire-works will surprise us, as they did in 2012 and 2013.

With the weather showing wide swings away from historical norms, it is likely that conditions will be unusual in the years ahead. Sometimes that may be a good thing and in other years, like 2014, it may be detrimental to VHF+ contesting. Propagation prediction, like forecasting the weather, is an inexact science, so the only way to be sure of what is possible is to turn on the radio and find out!

The dates for 2015 are set for the third week-end of January; 1900 UTC on the 17th will be here soon enough. Get the contest on your calendars, do the antenna work while the weather is nice this summer, tune up the rovmobiles, and we'll see you on the bands in the new year!

July 2014 W1AW Qualifying Runs

Earn your Code Proficiency certificate or endorsements by listening to W1AW Qualifying Runs. Legibly copy at least one minute of text by hand and mail the sheet to:

W1AW Qualifying Run, 225 Main St, Newington, CT USA 06111

Include \$10 (check or money order) if this is a submission for your initial Code Proficiency certificate; \$7.50 if you are applying for an endorsement (available for speeds up to 40 WPM). Your text will be checked against the actual transmissions to determine if you have qualified.

July Qualifying Runs will be transmitted by W1AW in Newington, Connecticut at 10 PM EDT on Wednesday, July 9 (0200 UTC, July 10) and at 7 PM EDT on Friday, July 25 (2300 UTC) at 1.8025, 3.5815, 7.0475, 14.0475, 18.0975, 21.0675, 28.0675 and 147.555 MHz. The West Coast Qualifying Runs will be transmitted by K6YR on Wednesday, July 16, at 9 PM PDT (0400 UTC, July 17) at 3590 kHz. Unless indicated otherwise, sending speeds are from 10 to 35 WPM.

Listen for W1AW Portable Centennial QSO Party Operations in July!



June 25 – July 1	W1AW/3 W1AW/9	Maryland Illinois
July 2 – July 8	W1AW/7 W1AW/9	Utah Wisconsin
July 9 – July 15	No operations scheduled.	
July 16 – July 22	W1AW/4 W1AW/0	South Carolina Colorado
July 23 – July 29	W1AW/1 W1AW/9	Rhode Island Indiana
July 30 – August 5	W1AW/4	Kentucky