



# ARRL August UHF Contest 2014 Results

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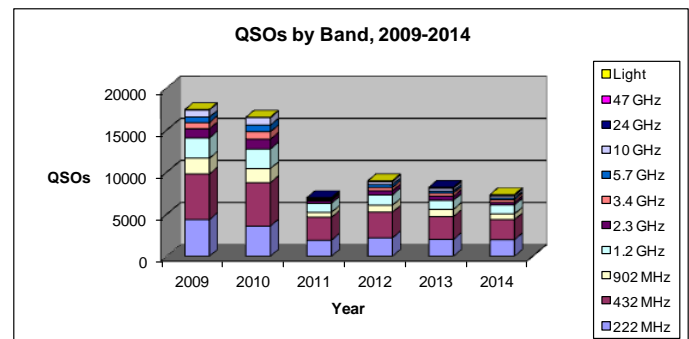
## A family reunion on the ultra-highs

The first weekend of August, 2014, brought the 37th running of the ARRL's UHF Contest. One hundred sixty-six logs were received which was a slight bump upward from the 156 received last year, still not the 250 logs that has been my quest for several years but a step in the right direction.

While there weren't as many family teams operating as there were last year, their presence was felt in 2014. The husband and wife team of **Carole, W6TTF**, and her husband **Jan, WA6WTF**, returned to rove through Southern California. The Tai sisters (in name, suffix, and finish), **Carrie, W6TAI**, and **Marie, W1TAI**, returned as well and made great efforts from the Orange Section, even winding up in a "tai" for second place in Single-Operator, Low Power (SOLP). Another family effort was completed by the Tupis family: **Ev, W2EV**, involved his twin sons **Ethan** and **Spencer** to operate as N2VRI and W2AAA from Western New York.

The most popular entry category remained SOLP with 84 logs submitted, just over one-half of the total logs and 12 more than last year. The Single-Operator, High Power (SOHP) log count grew to 47 from 2013's 40. The Multioperator entry count slipped to nine, four fewer than in 2013. The 26 Rover entrants for 2014 numbered five fewer than last year with the subcategory split between 15 Classic, 10 Limited, and 1 in Unlimited.

This year's count of stations appearing in logs but not submitting logs is about 10% higher than 2013. There were about 350 additional fixed stations and 15 call signs logged with the "/R" suffix (and showing activity from two or more grid squares) identified among this year's reported QSOs. About half of the non-submitting fixed station calls were associated with only one or two QSOs but that leaves about 175 with three or more QSOs. If just half of those stations with which three or more QSOs were reported and half of these rovers had submitted logs, the 250-log threshold that has been (and continues to be) my quest for the UHF contest would have easily been achieved. Please remember that *all* logs are appreciated and welcome, whether containing just a single QSO or several hundred.

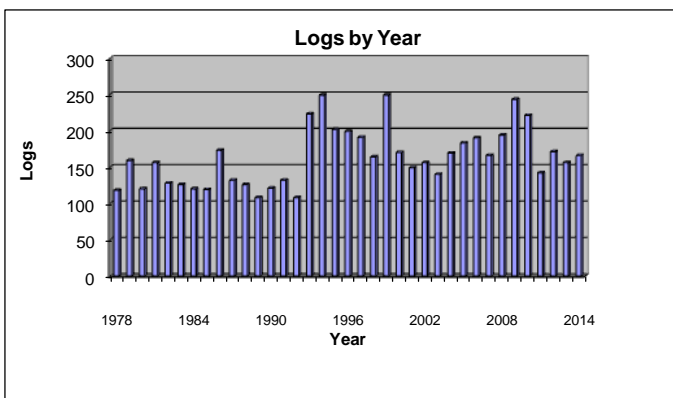


Twenty of the 166 logs that were submitted this year ended up with final QSO counts in the triple digits (100 or more) and five of those (four Rovers and a Limited Rover) topped 200. Logs with counts in the double digits (between 10 and 99 QSOs) numbered 96, leaving 50 logs netting 9 or fewer QSOs and seven among those ended up with a QSO count of one. Continuing the practice begun in 2010, the eleven paper logs received were transcribed and added to the 155 logs submitted by email through "the robot." All 166 logs were thus fully reviewed by the log checking process.

## Where the action was

Activity was reported from all 15 ARRL divisions and Canada with logs were received from 48 of 71 ARRL sections and five RAC sections. Western Washington lead the sections with 11 log submissions but the Eastern Pennsylvania, Illinois and Minnesota sections were close behind with 10 logs from each. On the lighter side of the section log counts, there were 15 from which only a single log was received but that was enough to be included among the 53 sections represented.

Looking first at the sent-grid side, 111 total grids were activated by stations submitting logs. 28 grids were only activated by rovers and 50 only by fixed stations. The remaining 33 grids were activated by both rovers and fixed stations. California's DM13 was the most reported sent-grid, generating 394 QSOs; 238 from fixed stations and 156 from



While the count of logs increased, the total number of QSOs reported in this year's logs fell to just over 7000, down from last year's 8200 QSOs, reflecting what were generally reported as less than favorable band conditions. This year's 26 rovers travelled farther on average than in recent years, activating a total of 168 grids, approximately 6.5 grids per rover, beating the recent trend of rovers averaging about five grid activations each. The tables "Activity by Band" and "Participation by Number of Bands" return for another year, comparing six years of activity, 2009 through 2014. These can be found following the Regional Leaders table at the end of the article.

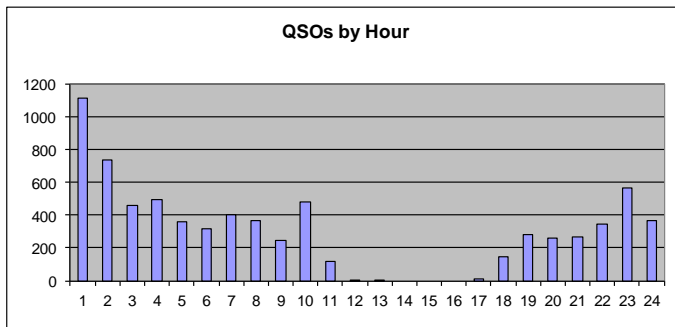
rovers. The next most-active grid was Washington's CN87 with 322 total QSOs; 301 from fixed stations (the top QSO count for fixed stations in any grid) and 21 from rovers. FN31 (largely Connecticut but also including some of New York and a little nip of New Jersey in about half of the FN31aa sub-grid) followed with 273, all of those from fixed stations. The top grid locator activated by rovers was DM04 (California) with 171 QSOs reported.

On the received-grid side, contacts were reported with 157 different grid locators. The top two reported grid locators matched the sent-grid results; stations logged 401 QSOs with California's DM13, and 336 with Washington's CN87. FN20 (parts of New Jersey and Pennsylvania, plus a small bit of New York) edged into third place among reported grid locators with 263.

The statistics for grids in which only rovers were contacted versus those in which only fixed stations were contacted is not as clear. It looks like rovers were the only source for 20 grids while fixed stations were the only source for 79 locators, leaving 58 grids where both rovers and fixed stations were contacted. At the other end of the reported grid locator totals, there were ten with which only a single QSO was reported (seven by fixed stations and three by rovers).

### When did contacts happen?

Once again, the first hour was the busiest, with just over 1100 QSOs reported, about 15 % of the total QSOs reported in the contest (is this starting to look like a pattern?). In 2014, though, activity waned significantly after the first hour, dropping to 10% of the total QSOs in the second hour and down to about 6% of the total in the third hour of the contest. The QSO count bumped up slightly in the fourth hour and remained fairly steady through the ninth hour before another peak in the tenth hour. Hour 11 began the taper into the overnight doldrums, hours 12 through 17 (0600 to 1159UTC) where a total of 16 QSOs were reported (with three of those hours reporting no QSOs). Sunday morning started off slowly, with about 2% of the total QSOs in hour 18 rising to a peak in the 23<sup>rd</sup> hour that was the third busiest hour in the contest with about 8% of the QSO total before a dip to 5% of total QSOs in the final hour.



### On the rove again

**Wayne, N6NB**, once again led a group of rovers through Southern and Central California and claimed this year's top score in the category, 325K (also the top score overall). This finishing spot is familiar to Wayne from his top finishes in 2012 and 2013. He activated 10 grids with nine bands (222

MHz through 24 GHz). Right behind Wayne was **Dave, W6TE**, matching Wayne's 10 grid activations and band count but netting 39 fewer final QSOs for a final score of just under 285K. The family rover team of Carole, W6TTF, and Jan, WA6WTF, also travelled through 10 grids with nine bands and finished in third and fourth place, respectively, with final scores around 207K but the difference of a single QSO let Carole edge ahead of husband Jan by 300 points. Outside of California, the top scoring Classic Rover was **Joe, WA3PTV**, who activated four Pennsylvania grids with eight bands, netting a final score of just over 44.5K. **Jim, W9SNR**, visited four grids in Illinois with his seven-band rovermobile to achieve a final score just under 41K.

#### Top Ten Rover

Call	Score	QSOs	Grids	Bands
N6NB/R	325,080	371	105	CD9EFGHIJ
W6TE/R	284,700	332	100	CD9EFGHIJ
W6TTF/R	207,000	243	100	CD9EFGHIJ
WA6WTF/R	206,700	242	100	CD9EFGHIJ
WA3PTV/R	44,550	139	50	CD9EFGHI
W9SNR/R	40,860	143	60	CD9EFGI
WØZQ/R	26,793	120	39	CD9EFGHI
K1DS/R	24,420	111	44	CD9EFGHI
W3HMS/R	17,556	74	38	CD9EFGHI
VE3OIL/R	12,036	81	34	CD9EF

#### Top Ten Limited Rover

Call	Score	QSOs	Grids	Bands
ACØRA/R	52,731	220	63	CD9E
WW7D/R	22,464	178	32	CD9E
KF2MR/R	8,346	87	26	CD9E
K9JK/R	6,630	65	26	CD9E
N2QIP/R	4,899	55	23	CD9E
W4PH/R	1,248	26	16	CD
N2DCH/R	957	20	11	CD9E
VE3CRU/R	864	21	12	CDE
NØEDV/R	570	19	10	CD
N6ZE/R	483	19	7	CD9

#### Top Ten Unlimited Rover

Call	Score	QSOs	Grids	Bands
WA3RGQ/R	30,996	108	42	CD9EFGHI

A very notable Limited Rover effort was put forth by **Wyatt, ACØRA**. Wyatt travelled through 12 grids from Iowa into Illinois with his four-band set-up and achieved a final score of 52.7K, making that score exclusively from QSOs worth only three and six points — no 12-pointers. The second spot in Limited Rover was claimed by **Darryl, WW7D**, who visited 7 grids around Washington State. Darryl's final score of 22K continued his trend of roughly doubling his score each year since his first UHF Contest roving effort in 2011. Welcome **Jarred, KF2MR**, to the UHF Contest family. The third spot among this year's Limited Rover entrants resulted from Jarred's first-ever VHF/UHF roving attempt, visiting four grids in the Western New York section, netting 8K for his final score.

**Don, WA3RGQ**, soloed as the only Unlimited Rover entry. Joe visited four grids around south central Pennsylvania with his eight-band station.

**Bob, K2DRH**, was active on six bands and claimed this year's top spot in SOLP with a final score just shy of 90K, repeating last year's top finish even though his score slipped

from 2013. Bob's northwestern Illinois QTH was surrounded by the route that Limited Rover leader Wyatt, ACØRA, travelled. This enabled them to complete QSOs from all 12 of the grids Wyatt visited, enhancing both of their scores. Two entrants tied for 2014's second spot in Single-Op, Low Power. The Tai sisters, Marie, W1TAI, and Carrie, W6TAI, were active from the Orange (County) Section on nine bands (222 MHz through 24 GHz) with matching scores of 34.4K each.

#### Top Ten Single-Operator, Low Power

Call	Score	QSOs	Grids	Bands
K2DRH	89,712	168	112	CD9EFG
W1TAI	34,440	119	35	CD9EFGHIJ
W6TAI	34,440	119	35	CD9EFGHIJ
AF1T	22,680	100	45	CD9EFGHIJP
WB2JAY	20,727	102	49	CD9EFG
W3PAW	20,520	86	40	CD9EFGHI
N4QWZ	11,985	67	47	CD9E
W9GA	7,560	54	36	CD9E
KEØCO	6,699	56	29	CD9E
N9DG	4,371	47	31	CD

#### Top Ten Single-Operator, High Power

Call	Score	QSOs	Grids	Bands
K1TEO	66,822	178	86	CD9EGHI
WØUC	48,546	129	87	CD9EFGHI
WØGHZ	34,782	92	62	CD9EFGHI
K8TQK	18,666	71	61	CD9EFG
W4ZRZ	17,289	74	51	CD9EFGHI
WB2RVX	17,040	72	40	CD9EFGHI
WZ1V	12,720	86	40	CDE
N7EPD	12,528	76	36	CD9EFG
KE7SW	8,448	58	32	CD9EFG
K7ND	8,190	65	30	CD9E

After a three-year absence, **Jeff, K1TEO**, returned to the August UHF Contest and claimed the top spot in SOHP from his seven-band station in Connecticut. Jeff's log shows the highest count of different calls worked, 75, among his 178 QSOs and 86 multipliers for a final score of just under 67K. Second and third place in Single-Operator, High Power moved west to the 8-band stations of **Paul, WØUC**, from Wisconsin, and **Gary, WØGHZ**, from Minnesota, respectively. Paul's final score was 48.5K while Gary finished with just shy of 35K.

In Multioperator, the **K2LIM** "LIM Amateur Radio Group" (operated by KA2LIM, KB2YCC, and W9KXI) returned to their favorite Western New York location with eight bands (three more than they had last year). They finished with a final score of 59K (more than quadrupling their score from 2013) and reclaimed the top spot for the category. Second place in Multiop went to **Phil, K3TUF**, who reported using assistance from his Eastern Pennsylvania QTH. **Tom, N8ZM**, was joined by WB8ART and KB8ZR to operate from his Ohio station and achieve the third spot in the category.

#### Top Ten Multioperator

Call	Score	QSOs	Grids	Bands
K2LIM	59,013	154	83	CD9EFGIJ
K3TUF	32,562	130	54	CD9EG
N8ZM	11,766	74	53	CD
KO9A	8,544	68	32	CD9E
AG4V	3,312	30	23	CD9EFG
KBØHH	1,980	42	15	CDE
N3MK	660	20	11	CD
KE7UQL	231	11	7	CD
N2BJ	90	5	5	CDE

## Category record updates

Three category records were raised and two were newly set in 2014, all in the Limited Rover category. **Wyatt, ACØRA**, established a new target for the Midwest Division, shattering the previous record. **Darryl, WW7D**, raised the bar for Limited Rover in the Northwestern Division for the fourth year in a row. **Jarred, KF2MR** bettered the prior best for the Atlantic Division. **Howard, W4PH** (with roving partner op., **Dean, K2JB**) and **Bill, VE3CRU**, established the first records for the Roanoke Division and for Canada, respectively, in the Limited Rover category.



*Dave, WV9E, set up shop on a bluff-top campsite in EN43, putting four bands (2 meters, 70 cm, 33 cm, and 23 cm) on the air. Along with an unexpected 33 cm FM contact, he also worked some new grids on 33 cm and 23 cm and planned on repeating the adventure in the September contest. (Photo by WV9E)*

## Regional Highlights

The Northeast Region reclaimed the top spot for log submissions by region with 49 logs (almost 30% of all logs and a nice bounce from 35 last year); 26 from the Atlantic Division (the busiest division this year), 16 from the New England Division, 6 from the Hudson Division and one from Quebec. Of 21 SOLP entrants from the Northeast, barely 2K separated the top three scores in the region: New Hampshire's **AF1T** lead the way, followed by **WB2JAY** and **W3PAW**, from the NLI and WPA sections, respectively. **K1TEO** led the region's 18 SOHP entrants from his Connecticut QTH with the top overall score in the category. The **K2LIM** team from Western New York matched their finish in 2013 as this year's top Multioperator of the two from the Northeast Region and nine overall. Eight rover logs were submitted from the region: **WA3PTV/R** (from WPA) lead the Northeast's four Classic Rovers, **KF2MR/R** (from WNY) claimed the top spot among the region's three Limited Rovers and **WA3RQG/R** (from

WPA) was the only Unlimited Rover for the region and for the contest.

The West Coast Region's 37 logs for 2014 was only down two from the region's total count last year but slipped to second among the regions with the Northeast's rebound. The Northwestern and Pacific Divisions matched log counts with 14 each, accompanied by eight logs from the Southwestern Division and one from British Columbia. Among the Single-Operator entrants, 22 entered Low Power and seven were High Power. W1TAI and W6TAI matched scores to tie for the West Coast's top spot in SOLP and second place overall from their shared Orange (County) Section QTH. Of seven SOHP entries from the West Coast, Western Washington's **N7EPD** repeated as the top scorer. **KE7UQL** was the region's sole Multiop entrant from his QTH in Nevada. The contest's top scorer in Classic Rover and second place in Limited Rover were the leaders for the West Coast Region, California's N6NB/R and Western Washington's WW7D/R, respectively. There were five Classic Rovers and two Limited Rovers active from the region.



*The Wayback Machine — N6NB sent this 1978 photo of his VW camper-rover atop Mt Pinos for a VHF contest in the 1970s. Mt Pinos, elevation 8831 feet, was ruled off-limits to Amateur Radio vehicles in 1988. Now Frazier Mountain, a few miles away and 800 feet lower in elevation, is regarded as the best available VHF+ site.*

The third busiest region was Central with 31logs in 2014, down two from last year. The Division breakdown was 19 from the Central Division, seven logs from the Great Lakes Division and five logs from three of the Ontario sub-sections. The contest's SOLP category leader K2DRH led the region's 14 SOLP entrants from his Illinois QTH. Of eight SOHP entrants from the Central region, Wisconsin's WØUC reclaimed the region's top spot. The Multiop team at N8ZM from Ohio led the three from Central. The Central Region's

Rover log count slipped to six from nine from 2013. The split between the region's Rovers was three Classic Rovers and three Limited Rovers with **W9SNR/R** and your author, **K9JK/R**, achieving the top scores, respectively, both from Illinois.

The Midwest Region's log count slipped slightly as well, to 25 for 2014, down four from last year, with some shifts in count among the divisions. Participation from the Dakota Division halved to 10 from 20 in 2013 while the log counts from the region's other divisions grew or held their own. Seven logs from Midwest Division was a nice bump from last year's three. The West Gulf Division held steady with five logs. Rocky Mountain Division's three logs tripled the single log from there in 2013. The region's Single-Operator logs split 11 for SOLP and nine for SOHP. **WØGHZ** repeated as the region's "B" category leader while **KØSIX** stepped to top spot for "A" category, both from Minnesota. **KBØHH** was the region's only Multiop from Oklahoma. Minnesota's **WØZQ/R** repeated as the region's top Classic Rover (of three) and the region's only Limited Rover entrant, **ACØRA/R**, did the region proud, making the majority of his QSOs from his home state of Iowa while achieving the overall top score for the category in 2014.

Twenty-four logs from the Southeast Region was a slight rebound from 20 in 2013. Eleven logs from the Southeastern Division was nice recovery from four logs in 2013. Delta Division's log count cut in half to seven as compared to 14 from the division in 2013 while the Roanoke Division doubled their three logs from last year with six in 2014. Once again, Tennessee's **N4QWZ** led the region's 16 SOLP logs in 2014. Alabama's **W4ZRZ** topped five "B" category entrants from the Southeast. The region's only rover was W4PH/R who was a Limited Rover from the Roanoke Division. The Southeast's Multiop stations numbered two, with **AG4V** (often seen with a '/R' suffix, but not in 2014's UHF Contest) achieving the region's top "M" category score from Tennessee.

## Club Competition gavels

One hundred and eleven of this year's 166 logs listed a club name. That continues the trend of 60-70% of logs crediting a club since Club Competition was added to the UHF Contest back in 2009. Thirty-one different clubs were named but, unfortunately, only 13 of the clubs named met the minimum of three logs submitted to be eligible for the Club Competition; eleven of them in the Medium Club and two in the Local Club category.

## Affiliated Club Competition

Club Name	Logs	Score
<b>Medium Club Category</b>		
Southern California Contest Club	5	1,057,920
North East Weak Signal Group	12	127,269
Northern Lights Radio Society	12	123,372
Mt Airy VHF Radio Club	12	115,323
Society of Midwest Contesters	6	98,664
Pacific Northwest VHF Society	11	69,396
Badger Contesters	7	67,227
Potomac Valley Radio Club	3	22,155
Contest Club Ontario	5	17,652
Florida Weak Signal Society	6	6,795
<b>Local Club Category</b>		
Bristol (TN) ARC	3	1,134
Rochester (NY) Amateur Radio Association	3	981

The **Southern California Contest Club (SCCC)** reclaimed the Medium Club gavel for 2014 with five logs submitted. Three logs from the **Bristol (TN) Amateur Radio Club** allowed them to reclaim this year's Local Club gavel. This is the sixth year that Club Competition has been included in the UHF Contest and the fifth time that SCCC and the fourth time that Bristol have won their respective gavels. We welcome to two new clubs to the club competition family in 2014; **Contest Club Ontario** and the **Rochester (NY) Amateur Radio Association**.

### See you next year!

If you like to get "out and about" with ham radio, the August UHF Contest is a great way to work on your UHF technique, try out a new antenna, and make some amazing contacts from amazing places. The first weekend in August (August 1-2, 2015) usually brings great weather and as many of the regular participants have discovered, is a perfect opportunity to combine family fun with a little ham radio. What's not to like?

### Division Winners

Category	Division	Call	QSOs	ts	Bands	Score	
SOLP	Atlantic	W3PAW	86	40	C D 9 E F G H I	20,520	
	Central	K2DRH	168	112	C D 9 E F G	89,712	
	Dakota	KØSIX	39	22	CD	2,574	
	Delta	N4QWZ	67	47	CD 9 E	11,985	
	Great Lakes	W8RU	18	13	CD 9 E	858	
	Hudson	WB2IAY	102	49	C D 9 E F G	20,727	
	Midwest	WDØBQM	12	7	C D E	315	
	New England	AF1T	100	45	C D 9 E F G H I J P	22,680	
	Northwestern	KEØCO	56	29	CD 9 E	6,699	
	Pacific	AF6RR	43	20	CD 9 E	3,420	
	Roanoke	K4FIW	16	12	CD 9 E F	792	
	Rocky Mountain	KKØQ	39	15	CD 9 E	2,340	
	Southeastern	KX4R	42	25	CD 9 E	3,825	
	Southwestern	W1TAI	119	35	C D 9 E F G H I J	34,440	
		W6TAI	119	35	C D 9 E F G H I J	34,440	
		West Gulf	AA5AM	5	5	CD	75
		Canada	VE3DS	23	12	CD 9 E	1,152
	SOHP	Atlantic	WB2RVX	72	40	C D 9 E F G H I	17,040
		Central	WØUC	129	87	C D 9 E F G H I	48,546
		Dakota	WØGZH	92	62	C D 9 E F G H I	34,782
		Delta	AA4DD	8	5	CD 9 E F	210
		Great Lakes	K8TQK	71	61	C D 9 E F G	18,666
		Hudson	W2BVH	34	17	CD	1,734
		Midwest	KFØM	12	12	CD	432
New England		K1TEO	178	86	C D 9 E G H I	66,822	
Northwestern		N7EPD	76	36	C D 9 E F G	12,528	
Pacific		KC6ZWT	42	22	CD 9 E F	4,026	
Roanoke		KM4ID	7	5	D	105	
Rocky Mountain		WA7KYM	38	13	C D E	1,911	
Southeastern		W4ZRZ	74	51	C D 9 E F G H I	17,289	
West Gulf		K5SW	15	15	C D E	855	
Canada		VA3ST	35	20	D E F	3,180	
Multiop		Atlantic	K2LIM	154	83	C D 9 E F G I J	59,013
		Central	KØ9A	68	32	CD 9 E	8,544
		Delta	AG4V	30	23	C D 9 E F G	3,312
	Great Lakes	N8ZM	74	53	CD	11,766	
	Pacific	KE7UQL	11	7	CD	231	
	Roanoke	N3MK	20	11	CD	660	
	West Gulf	KBØHH	42	15	C D E	1,980	
	Atlantic	WA3PTV/R	139	50	C D 9 E F G H I	44,550	
	Central	W9SNR/R	143	60	C D 9 E F G I	40,860	
	Dakota	WØZQ/R	120	39	C D 9 E F G H I	26,793	
	Great Lakes	NE8I/R	19	13	C D E F G H I	1,911	
	Classic Rover	Midwest	KØCQ/R	6	4	D	72
Pacific		N6NB/R	371	105	C D 9 E F G H I J	325,080	
Southwestern		K15WL/R	6	5	D E	105	
Canada		VE3OIL/R	81	34	CD 9 E F	12,036	
Atlantic		KF2MR/R	87	26	CD 9 E	8,346	
Central		K9JK/R	65	26	CD 9 E	6,630	
Midwest		ACØRA/R	220	63	CD 9 E	52,731	
Northwestern		WW7D/R	178	32	CD 9 E	22,464	
Roanoke		W4PH/R	26	16	CD	1,248	
Southwestern		N6ZE/R	19	7	CD 9	483	
Limited Rover	Canada	VE3CRU/R	21	12	C D E	864	
	Atlantic	WA3RGQ/R	108	42	C D 9 E F G H I	30,996	

# 2014 ARRL August UHF Contest

## Regional Leaders by Category

Boxes list call sign, score, and category (M SHP/LP-Multi-Single HP/LP; M2-Multi-Two; MM-Multi-Multi; QRP-Single-Op, QRP; LP-Single-Op, Low Power; HP-Single-Op, High Power; SUH/L - Single-Op, Unlimited HP/LP)

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 Section			Dakota, Midwest, Rocky Mountain and West Gulf Divisions; Manitoba and Saskatchewan Sections			Pacific, Northwestern and Southwestern Divisions; Alberta, British Columbia and NWT Sections		
AF1T	22,680	SOLP	N4QWZ	11,985	SOLP	K2DRH	89,712	SOLP	KØSIX	2,574	SOLP	W7TAI	34,440	SOLP
WB2JAY	20,727	SOLP	KX4R	3,825	SOLP	W9GA	7,560	SOLP	KKØQ	2,340	SOLP	W6TAI	34,440	SOLP
W3PAW	20,520	SOLP	W4AMP	819	SOLP	N9DG	4,371	SOLP	NØUK	1,230	SOLP	KEØCO	6,699	SOLP
WA2VNV	3,750	SOLP	K4FJW	792	SOLP	AA9D	1,800	SOLP	WDØBQM	315	SOLP	AF6RR	3,420	SOLP
AC1J	2,700	SOLP	N4TWX	756	SOLP	VE3DS	1,152	SOLP	KAØRYT	252	SOLP	K6TSK	2,376	SOLP
K1TEO	66,822	SOHP	W4ZRZ	17,289	SOHP	WØUC	48,546	SOHP	WØGHZ	34,782	SOHP	N7EPD	12,528	SOHP
WB2RVX	17,040	SOHP	KØVXM	3,000	SOHP	K8TQK	18,666	SOHP	KØAWU	7,140	SOHP	KE7SW	8,448	SOHP
WZ1V	12,720	SOHP	WB4OMG	1,968	SOHP	WV9E	7,560	SOHP	WA7KYM	1,911	SOHP	K7ND	8,190	SOHP
W1ZC	7,380	SOHP	AA4DD	210	SOHP	VA3ST	3,180	SOHP	W6OAL	1,560	SOHP	W7GLF	4,410	SOHP
WA3SRU	6,804	SOHP	KM4ID	105	SOHP	K8GDT	2,574	SOHP	K5SW	855	SOHP	KC6ZWT	4,026	SOHP
K2LIM	59,013	MO	AG4V	3,312	MO	N8ZM	11,766	MO	KBØHH	1,980	MO			
K3TUF	32,562	MO	N3MK	660	MO	KO9A	8,544	MO						
						N2BJ	90	MO						
WA3PTV/R	44,550	R				W9SNR/R	40,860	R	WØZQ/R	26,793	R	N6NB/R	325,080	R
K1DS/R	24,420	R				VE3OIL/R	12,036	R	WBØLJC/R	1,518	R	W6TE/R	284,700	R
W3HMS/R	17,556	R				NE81/R	1,911	R	KØCQ/R	72	R	W6TTF/R	207,000	R
WB2ONA/R	3,780	R										WA6WTF/R	206,700	R
						K9JK/R	6,630	RL	ACØRA/R	52,731	RL	K15WL/R	105	R
KF2MR/R	8,346	RL	W4PH/R	1,248	RL	VE3CRU/R	864	RL				WW7D/R	22,464	RL
N2QIP/R	4,899	RL				NØEDV/R	570	RL				N6ZE/R	483	RL
N2DCH/R	957	RL												
WA3RGQ/R	30,996	RU												

Version 1.2 corrects the tables to show data through 2014 – earlier versions of the tables did not include data for 2014.

### Activity by Band, 2009 through 2014

Band	2009		2010		2011		2012		2013		2014	
	QSOs	stations	QSOs	stations	QSOs	stations	QSOs	stations	QSOs	stations	QSOs	stations
222 MHz	4363	190	3597	165	1920	113	2146	135	2010	128	1915	134
432 MHz	5422	240	5167	216	2718	140	2993	166	2720	155	2316	162
902 MHz	1877	115	1658	102	596	64	820	83	864	81	666	76
1.2 GHz	2418	154	2339	147	1071	99	1194	110	1071	100	1038	105
2.3 GHz	1072	80	1159	77	290	43	488	57	474	50	286	45
3.4 GHz	743	54	889	56	170	30	391	39	365	31	288	36
5.7 GHz	653	44	782	47	59	18	331	32	264	25	215	23
10 GHz	847	64	884	62	123	25	343	36	309	33	241	32
24 GHz	22	9	39	12	8	4	95	13	117	8	120	10
47 GHz	3	3	0	0	0	0	0	0	0	0	0	0
Light	11	5	6	6	0	0	1	1	0	0	2	2

### Participation by Number of Bands, 2009 through 2014

<i>Bands</i>	<i>2009 Logs</i>	<i>2010 Logs</i>	<i>2011 Logs</i>	<i>2012 Logs</i>	<i>2013 Logs</i>	<i>2014 Logs</i>
1	40	40	20	28	19	25
2	52	43	28	31	31	35
3	35	31	29	30	33	31
4	34	34	23	30	24	30
5	22	10	11	9	13	9
6	15	16	11	13	8	10
7	9	9	4	4	11	6
8	33	28	12	14	9	12
9	1	8	4	11	8	6
10	3	3	0	1	0	2

## 2014 ARRL August UHF Contest – QSO Leaders

### Single Operator, Low Power

<b>222 MHz</b>	
K2DRH	45
WB2JAY	34
AA9D	29
AF1T	29
N4QWZ	26
W3PAW	26
N9DG	22
W9GA	18
KØSIX	17
W1TAI	16
W6TAI	16

### 432 MHz

K2DRH	46
WB2JAY	39
AF1T	33
N9DG	25
N4QWZ	23
AF6RR	22
KØSIX	22
NØUK	21
AC1J	20
KEØCO	20
W9GA	20

### 902 MHz

K2DRH	31
W3PAW	14
W1TAI	10
W6TAI	10
WB2JAY	9
AF1T	8
N4QWZ	8
W9GA	7
AF6RR	5
KEØCO	5
WA2VNV	5

### 1.2 GHz

K2DRH	35
KEØCO	16
W1TAI	16
W6TAI	16
AF1T	15
WB2JAY	15
W3PAW	11
N4QWZ	10
AF6RR	9
K6TSK	9
KKØQ	9
W9GA	9

### 2.3 GHz

W1TAI	13
W6TAI	13
W3PAW	5
K2DRH	5
AF1T	4
WB2JAY	3
W2SJ	2
K4FJW	1
K7HSJ	1
W1MKY	1

### 3.4 GHz

W1TAI	16
W6TAI	16
W3PAW	8
K2DRH	6
AF1T	2
WB2JAY	2
K9JK	1
W1MKY	1
W2SJ	1

### 5.7 GHz

W1TAI	16
W6TAI	16
W3PAW	4
AF1T	1
W1MKY	1

### 10 GHz

W1TAI	13
W6TAI	13
AF1T	6
NØUK	5
W3PAW	3
KOØZ	1
W1MKY	1

### 24 GHz

W1TAI	3
W6TAI	3
AF1T	1
W1MKY	1

### Light

AF1T	1
W1MKY	1

### Single Operator High Power

#### 222 MHz

K1TEO	45
WØUC	41
WZ1V	30
W1ZC	26
K8TQK	24
N7EPD	23
K3GNC	20
K7ND	20
KE7SW	19
W2BVH	19
WA3SRU	19
WV9E	19

#### 432 MHz

K1TEO	76
WØUC	39
WZ1V	36
WØGHZ	30
W4ZRZ	29
K8TQK	26
W1ZC	26
K3GNC	24
N7EPD	23
VA3ST	21

#### 902 MHz

WØUC	21
K1TEO	17
N7EPD	10
WA3SRU	10
WB2RVX	10
K8TQK	9
WØGHZ	9
KC6ZWT	8
KE7SW	8
K7ND	7
W4ZRZ	7

#### 1.2 GHz

K1TEO	28
WØUC	24
WZ1V	20
K7ND	19
N7EPD	15
W1ZC	15
W4ZRZ	14
VA3ST	12
WB2RVX	12
WØGHZ	11
WA3SRU	11
WA7KYM	11

### 2.3 GHz

WØGHZ	7
WB2RVX	5
K8TQK	3
NØAKC	3
W7GLF	3
KØVXM	2
KE7SW	2
N7EPD	2
VA3ST	2
W1FKF	2
W4ZRZ	2
W6OAL	2

### 3.4 GHz

K1TEO	6
WB2RVX	6
WØGHZ	4
N7EPD	3
W7GLF	3
KØVXM	2
K8TQK	2
KD7TS	2
KE7SW	2
W4ZRZ	2

### 5.7 GHz

WØGHZ	4
WB2RVX	3
K1TEO	2
W6OAL	2
KØVXM	1
WØUC	1
W4ZRZ	1
WB4OMG	1

### 10 GHz

WØGHZ	10
W6OAL	5
K1TEO	4
KØAWU	3
WB2RVX	2
KD7TS	1
N1GJ	1
WØUC	1
W1FKF	1
W4ZRZ	1
W7GLF	1

### Multioperator

#### 222 MHz

K2LIM	47
K3TUF	39
N8ZM	35
KBØHH	26
KO9A	24
N3MK	11
AG4V	7
KE7UQL	5
N2BJ	1

#### 432 MHz

K2LIM	54
K3TUF	42
N8ZM	39
KO9A	23
KBØHH	14
AG4V	11
N3MK	9
KE7UQL	6
N2BJ	3

#### 902 MHz

K3TUF	17
K2LIM	14
KO9A	8
AG4V	4



## 2014 ARRL August UHF Contest – QSO Leaders

Multioperator (continued)		2.3 GHz		Rover Limited	
<b>1.2 GHz</b>		N6NB/R	39	<b>222 MHz</b>	
K2LIM	24	W6TE/R	37	ACØRA/R	89
K3TUF	21	W6TTF/R	27	WW7D/R	58
KØ9A	13	WA6WTF/R	27	KF2MR/R	33
AG4V	5	WA3PTV/R	12	K9JK/R	23
KBØHH	2	WØZQ/R	7	N2QIP/R	20
N2BJ	1	K1DS/R	6	NØEDV/R	9
		W3HMS/R	6	N6ZE/R	8
<b>2.3 GHz</b>		VE3OIL/R	5	W4PH/R	8
K2LIM	6	W9SNR/R	5	N2DCH/R	6
AG4V	2			VE3CRU/R	5
		<b>3.4 GHz</b>		<b>432 MHz</b>	
<b>3.4 GHz</b>		N6NB/R	39	ACØRA/R	72
K3TUF	11	W6TE/R	39	WW7D/R	64
K2LIM	3	W6TTF/R	29	KF2MR/R	34
AG4V	1	WA6WTF/R	29	K9JK/R	22
		WA3PTV/R	13	N2QIP/R	19
<b>10 GHz</b>		W9SNR/R	7	W4PH/R	18
K2LIM	5	K1DS/R	6	VE3CRU/R	13
		W3HMS/R	5	NØEDV/R	10
<b>24 GHz</b>		WØZQ/R	3	N6ZE/R	7
K2LIM	1	WB2ONA/R	3	N2DCH/R	5
		<b>5.7 GHz</b>		<b>902 MHz</b>	
		N6NB/R	39	ACØRA/R	31
<b>Rover</b>		W6TE/R	38	WW7D/R	21
<b>222 MHz</b>		W6TTF/R	28	KF2MR/R	11
N6NB/R	44	WA6WTF/R	28	N2QIP/R	10
W9SNR/R	42	WA3PTV/R	8	K9JK/R	6
W6TE/R	38	W3HMS/R	7	N2DCH/R	5
K1DS/R	34	WØZQ/R	4	N6ZE/R	4
W6TTF/R	29	K1DS/R	1		
WA3PTV/R	29	NE8I/R	1		
WA6WTF/R	28			<b>1.2 GHz</b>	
WØZQ/R	27	<b>10 GHz</b>		WW7D/R	35
W3HMS/R	17	N6NB/R	39	ACØRA/R	28
VE3OIL/R	14	W6TE/R	36	K9JK/R	14
		W6TTF/R	26	KF2MR/R	9
<b>432 MHz</b>		WA6WTF/R	26	N2QIP/R	6
N6NB/R	52	WØZQ/R	12	N2DCH/R	4
W9SNR/R	43	WBØLJC/R	7	VE3CRU/R	3
VE3OIL/R	40	WA3PTV/R	5		
W6TE/R	39	NE8I/R	4	<b>Rover Unlimited</b>	
WØZQ/R	36	W3HMS/R	2	<b>222 MHz</b>	
K1DS/R	31	K1DS/R	1	WA3RGQ/R	21
W6TTF/R	29	W9SNR/R	1		
WA6WTF/R	29	WB2ONA/R	1	<b>432 MHz</b>	
WA3PTV/R	28			WA3RGQ/R	17
W3HMS/R	17	<b>24 GHz</b>		<b>902 MHz</b>	
		N6NB/R	37	WA3RGQ/R	18
<b>902 MHz</b>		W6TE/R	31		
N6NB/R	39	W6TTF/R	21	<b>1.2 GHz</b>	
W6TE/R	35	WA6WTF/R	21	WA3RGQ/R	18
W6TTF/R	25	WB2ONA/R	1		
WA6WTF/R	25			<b>2.3 GHz</b>	
W9SNR/R	21			WA3RGQ/R	11
WA3PTV/R	21				
WØZQ/R	14			<b>3.4 GHz</b>	
K1DS/R	11			WA3RGQ/R	11
W3HMS/R	9				
VE3OIL/R	5			<b>5.7 GHz</b>	
<b>1.2 GHz</b>				WA3RGQ/R	8
N6NB/R	43				
W6TE/R	39			<b>10 GHz</b>	
W6TTF/R	29			WA3RGQ/R	4
WA6WTF/R	29				
W9SNR/R	24				
WA3PTV/R	23				
K1DS/R	21				
VE3OIL/R	17				
WØZQ/R	17				
W3HMS/R	11				

## 2014 ARRL August UHF Contest – Multiplier Leaders

<b>Single Operator, Low Power</b>		<b>5.7 GHz</b>	<b>2.3 GHz</b>
<b>222 MHz</b>		W1TAI 4	W0GHZ 6
K2DRH 29		W6TAI 4	K8TQK 3
AA9D 19		W3PAW 2	WB2RVX 3
N4QWZ 18		AF1T 1	KE7SW 2
N9DG 15		W1MKY 1	N0AKC 2
WB2JAY 14			N7EPD 2
W9GA 13		<b>10 GHz</b>	VA3ST 2
AF1T 13		W1TAI 4	W1FKF 2
K0SIX 11		W6TAI 4	W4ZRZ 2
W3PAW 11		AF1T 3	W7GLF 2
KX4R 9		N0UK 3	
		W3PAW 2	<b>3.4 GHz</b>
<b>432 MHz</b>		KO0Z 1	K1TEO 6
K2DRH 28		W1MKY 1	W0GHZ 4
N9DG 16			WB2RVX 4
N4QWZ 14		<b>24 GHz</b>	N7EPD 3
WB2JAY 14		W1TAI 3	K8TQK 2
W9GA 12		W6TAI 3	KD7TS 2
AF1T 11		AF1T 1	KE7SW 2
K0SIX 11		W1MKY 1	W4ZRZ 2
KX4R 10			W7GLF 2
K6TSK 9		<b>Light</b>	K0VXM 1
KE0CO 9		AF1T 1	W0UC 1
W7FI 9		W1MKY 1	WB4OMG 1
WA2VNV 9			
		<b>Single Operator High Power</b>	<b>5.7 GHz</b>
<b>902 MHz</b>			W0GHZ 4
K2DRH 22			WB2RVX 3
WB2JAY 8		<b>222 MHz</b>	K1TEO 2
W3PAW 7		W0UC 27	K0VXM 1
N4QWZ 7		K1TEO 23	W0UC 1
KE0CO 5		K8TQK 20	W4ZRZ 1
W9GA 5		WZ1V 15	W6OAL 1
WA2VNV 5		WV9E 14	WB4OMG 1
AF1T 5		W4ZRZ 14	
W6TAI 4		W0GHZ 11	<b>10 GHz</b>
W1TAI 4		K0AWU 11	W0GHZ 5
		K3MD 11	K1TEO 4
<b>1.2 GHz</b>		W1ZC 11	K0AWU 3
K2DRH 23			WB2RVX 2
KE0CO 8		<b>432 MHz</b>	KD7TS 1
N4QWZ 8		K1TEO 25	N1GJ 1
WB2JAY 8		W0UC 22	W0UC 1
W9GA 6		K8TQK 20	W1FKF 1
AF1T 5		W4ZRZ 15	W4ZRZ 1
AF6RR 5		WV9E 14	W6OAL 1
KX4R 5		WZ1V 14	W7GLF 1
W3PAW 5		W0GHZ 13	
K6TSK 4		K3MD 11	<b>Multioperator</b>
KG7P 4		VA3ST 11	<b>222 MHz</b>
KK0Q 4		W1ZC 11	N8ZM 26
W1TAI 4			K2LIM 24
W6TAI 4		<b>902 MHz</b>	K3TUF 15
WA2VNV 4		W0UC 17	KO9A 12
WA6OSX 4		K1TEO 12	KB0HH 8
		W0GHZ 10	N3MK 6
<b>2.3 GHz</b>		K8TQK 9	AG4V 6
K2DRH 5		WB2RVX 7	KE7UQL 4
W1TAI 4		K0AWU 6	N2BJ 1
W6TAI 4		KE7SW 6	
AF1T 3		N7EPD 6	<b>432 MHz</b>
W3PAW 3		W4ZRZ 6	N8ZM 27
WB2JAY 3		WA3SRU 5	K2LIM 24
K7HSJ 1		WV9E 5	K3TUF 14
K4FJW 1			KO9A 8
W1MKY 1		<b>1.2 GHz</b>	AG4V 7
W2SJ 1		W0UC 17	KB0HH 5
		K1TEO 14	N3MK 5
<b>3.4 GHz</b>		WZ1V 11	KE7UQL 3
K2DRH 5		W4ZRZ 10	N2BJ 3
W1TAI 4		W0GHZ 9	
W6TAI 4		K7ND 8	<b>902 MHz</b>
W3PAW 3		N7EPD 8	K2LIM 11
AF1T 2		W1ZC 8	K3TUF 9
WB2JAY 2		K8TQK 7	KO9A 6
K9JK 1		VA3ST 7	AG4V 3
W1MKY 1		WV9E 7	
W2SJ 1			

## 2014 ARRL August UHF Contest – Multiplier Leaders

Multioperator (continued)		2.3 GHz		Rover Limited	
<b>1.2 GHz</b>		N6NB/R	10	<b>222 MHz</b>	
K2LIM	15	W6TE/R	10	ACØRA/R	19
K3TUF	9	W6TTF/R	10	WW7D/R	8
KO9A	6	WA6WTF/R	10	K9JK/R	7
AG4V	4	WA3PTV/R	5	KF2MR/R	6
KBØHH	2	WØZQ/R	3	N2QIP/R	6
N2BJ	1	W3HMS/R	3	W4PH/R	6
		K1DS/R	2	NØEDV/R	4
<b>2.3 GHz</b>		VE3OIL/R	2	N2DCH/R	2
K2LIM	5	W9SNR/R	2	N6ZE/R	2
AG4V	2	WBØLJC/R	2	VE3CRU/R	2
<b>3.4 GHz</b>		<b>3.4 GHz</b>		<b>432 MHz</b>	
K3TUF	7	N6NB/R	10	ACØRA/R	18
K2LIM	2	W6TE/R	10	WW7D/R	9
AG4V	1	W6TTF/R	10	W4PH/R	8
		WA6WTF/R	10	K9JK/R	6
<b>10 GHz</b>		WA3PTV/R	5	KF2MR/R	6
K2LIM	1	K1DS/R	3	N2QIP/R	5
		W3HMS/R	3	NØEDV/R	4
<b>24 GHz</b>		W9SNR/R	3	VE3CRU/R	4
K2LIM	1	WB2ONA/R	2	N2DCH/R	2
		NE8I/R	1	N6ZE/R	2
		WØZQ/R	1		
				<b>902 MHz</b>	
<b>Rover</b>		<b>5.7 GHz</b>		ACØRA/R	8
<b>222 MHz</b>		N6NB/R	10	KF2MR/R	5
W9SNR/R	18	W6TE/R	10	K9JK/R	4
K1DS/R	12	W6TTF/R	10	N2QIP/R	4
N6NB/R	11	WA6WTF/R	10	WW7D/R	4
W6TE/R	10	WA3PTV/R	4	N2DCH/R	2
W6TTF/R	10	W3HMS/R	3	N6ZE/R	1
WA6WTF/R	10	K1DS/R	1		
VE3OIL/R	8	NE8I/R	1	<b>1.2 GHz</b>	
WØZQ/R	8	WØZQ/R	1	ACØRA/R	6
WA3PTV/R	8			K9JK/R	5
W3HMS/R	6	<b>10 GHz</b>		KF2MR/R	5
		N6NB/R	10	N2QIP/R	4
<b>432 MHz</b>		W6TE/R	10	WW7D/R	4
W9SNR/R	15	W6TTF/R	10	VE3CRU/R	2
N6NB/R	13	WA6WTF/R	10	N2DCH/R	1
K1DS/R	10	WA3PTV/R	4		
W6TE/R	10	WØZQ/R	3	<b>Rover Unlimited</b>	
W6TTF/R	10	W3HMS/R	3	<b>222 MHz</b>	
WA6WTF/R	10	NE8I/R	2	WA3RGQ/R	7
VE3OIL/R	9	WBØLJC/R	2		
WØZQ/R	9	K1DS/R	1	<b>432 MHz</b>	
WA3PTV/R	7	W9SNR/R	1	WA3RGQ/R	6
W3HMS/R	6	WB2ONA/R	1		
		<b>24 GHz</b>		<b>902 MHz</b>	
<b>902 MHz</b>		N6NB/R	10	WA3RGQ/R	5
N6NB/R	10	W6TE/R	10		
W6TE/R	10	W6TTF/R	10	<b>1.2 GHz</b>	
W6TTF/R	10	WA6WTF/R	10	WA3RGQ/R	5
WA6WTF/R	10	WB2ONA/R	1		
W9SNR/R	9			<b>2.3 GHz</b>	
WA3PTV/R	6			WA3RGQ/R	4
K1DS/R	5				
WØZQ/R	5			<b>3.4 GHz</b>	
W3HMS/R	5			WA3RGQ/R	4
VE3OIL/R	3				
				<b>5.7 GHz</b>	
<b>1.2 GHz</b>				WA3RGQ/R	4
N6NB/R	11				
W6TE/R	10			<b>10 GHz</b>	
W6TTF/R	10			WA3RGQ/R	3
WA6WTF/R	10				
K1DS/R	8				
W9SNR/R	8				
WA3PTV/R	7				
W3HMS/R	6				
VE3OIL/R	5				
WØZQ/R	5				