ARRL August UHF Contest 2013 Results

By John Kalenowsky, K9JK

It's a family affair!

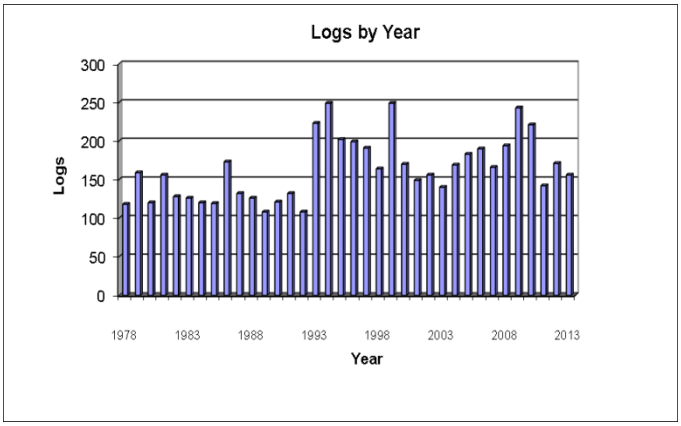
This year's rover category had a decided family flavor as there were four husband and wife rover teams: **Tim, KØPG,** and **Pat, K9ILT**; **Mel, KCØP,** and **Carol, NØHZO**; **Jason, N6EY,** and **Kris, N6KYS**; **Carole, W6TTF,** and **Jan, WA6WTF**; as well as a father and son team: **Christopher, KC9JTL,** and **David, W9HQ**. While they didn't rove, the Tai sisters (their surnames and call suffixes), **Carrie, W6TAI,** and **Marie, W1TAI,** also participated and submitted logs that included QSOs on 24 GHz!

The Larson family was out in force for the UHF Contest! Left to right are Leisl, KDØVWT; Carol, NØHZO; Mel KCØP; Josiah (not licensed), and Denise, KDØMRK. (Photo by Nate Larson, KAØCRO)

Mel KCØP (middle) and Carol NØHZO (next to Mel) in the photo was also joined by four additional family members near the end of the contest: **Nate, KAØCRO** (not shown taking photo) **Denise, KBØMRK,** (right), Jo Jo (not a ham, next to Mel) and **Liesl, KDØVWT** (left) bringing three generations together to operate the contest! Nate and Denise are son and daughter-in-law of Mel and Carol. The youngest of the group, Liesl, is the daughter of Nate and Denise, granddaughter of Mel and Carol who had been licensed two months at the time of the contest. Mel also noted that this multi-generational ham gathering made "Worked All Larsons" possible and it was achieved by four stations; WØGHZ, WØJT, WBØEBG/R and WBØLJC/R.

By the numbers

This year's 156 logs received were a slight drop from the 171 in 2012 but show some interesting trends; rover logs accounted for 20% of the logs submitted (as compared to 14% of logs in the last two years though still shy of the 27% of logs from rovers back in 2009) and an unprecedented number of family operating efforts.



The count of Single-Operator, Low Power (SOLP) logs slipped to 72 (as compared to last year's 94). The Single-Operator, High Power (SOHP) log count fell slightly to 40 from 2012's 44. Log submissions from Multioperator entries grew to 13, three more than last year.

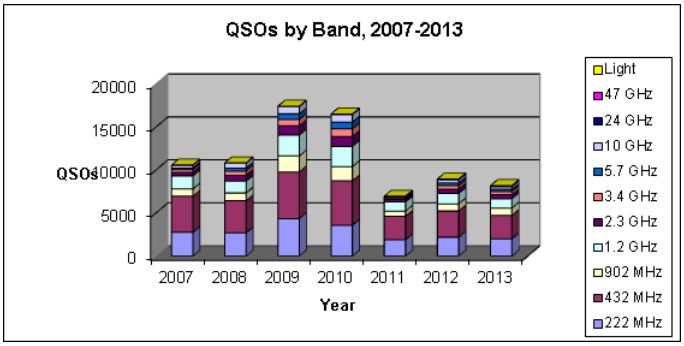
Rover entrants totaled 31, growing by eight from 2012. The split among the rover subcategories was 21 Classic Rovers (up five), nine Limited Rovers (up four) and a single Unlimited Rover (down one).

The total number of QSOs reported in 2013's logs 156 logs fell just short of 8200, down from last year's 8800 QSOs but actually yields a slightly higher average number of QSOs per log. This year's 31 rovers activated a total of 146 grids, continuing the trend of rovers activating an average of approximately five grids each.

While the counts of non-submitters are lower than the counts from 2012, there were about 320 additional fixed stations and 17 call signs logged with the "/R" suffix (and showing activity *from* two or more grid squares) identified among this year's reported QSOs. Continuing my hope to see the 250 log threshold topped, it could have happened in 2013 if 30% of those non-submitting fixed stations had turned in their logs and even better if a few of the rovers had submitted, too.

Twenty of the 156 logs submitted this year ended up with final QSO count greater than 100, two of those topping 400. 95 logs were in the double digits (between 10 and 99 final QSOs). The remaining 41 logs netted 9 or fewer final QSOs with three submitters reporting only a single QSO. As always, *all* logs are appreciated and welcome, whether containing just a single QSO or several hundred.

Continuing the practice begun in 2010, the twelve paper logs received were transcribed and added to the 144 logs submitted by email through "the robot." All 156 of them were fully reviewed by the log checking process.

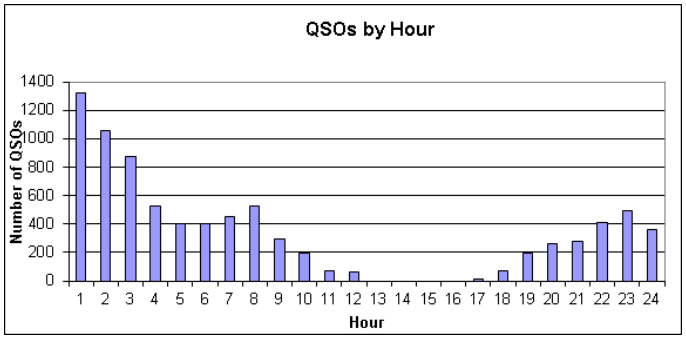


Where the action was

Contacts were reported with 150 different grid squares in 2013. The three most reported grid locators were in California with DM07 (507), CM97 (447) and CM96 (428). CN87 in the Seattle area was also a hot spot for QSOs with 360 reported from there. Last year's leader, FM19, dropped to 261 (from 549). At the other end of the reported grid locator totals, there were eight with which only a single QSO was reported.

Among stations submitting logs, a total of 102 grid locators were represented. CN87 was the most popular locator for fixed stations with 7 logs reporting a total of 309 QSOs. EN34 and FN42 were next with 6 logs each but EN34 stations reported 265 QSOs compared to 196 QSOs from FN42. FM19 came close to matching CN87's QSO total with 296, accomplishing that with just 2 logs submitted by fixed stations.

The 146 grids activated by rovers were among 68 different grid locators visited including 34 that were visited only by rovers. The seven rovers that visited DM07 yielded the highest QSO total for a given locator with 512. CM96 and CM97 were close behind DM07for rover QSOs with 428 each by six rovers that activated those grids. Matching DM07 with seven different rovers visiting were DM06 and EN43 with 263 and 196 QSOs reported, respectively.



When did contacts happen?

As usually happens, the busiest hour was the first, with just over 1300 QSOs reported, a little over 15 % of the total QSOs reported in the contest. Higher activity continued in the next two hours, netting almost 40% of the total QSOs in the first three hours of the contest. The next five hours (Saturday afternoon into evening) yielded 400 to 530 QSOs in each of those hours before tapering off in the ninth through twelfth hours. That totaled up to almost three-quarters of the total QSOs in the first half of the contest. The overnight hours, thirteenth through sixteenth (0700 to 1059 UTC) were quiet. Sunday morning started off slowly, rising from 16 QSOs in the seventeenth hour to over 400 QSOs in each of the 22nd and 23rd hours (1500 through 1659 UTC).

Single-op leaders

After a sixth-place finish in 2012, **Bob, K2DRH,** returned to a familiar spot for him as top scorer among Single-Op, Low Power from his six-band station in northwestern Illinois. Bob's log shows the highest count of different calls worked, 46, with 12 of those being rovers for 148 QSOs — over 60% of his QSO total. Except for QSOs on 3.4 GHz, where W3PAW had a single QSO more, Bob was the QSO and multiplier leader across his six bands for SOLP, even topping some of the counts by SOHP stations.

The second spot in the "A" category went to **Paul, W3PAW,** who was active on eight bands from the Western Pennsylvania section. In addition to his top QSO total for 3.4 GHz, Paul also topped the counts for QSOs and multipliers on 5.7 and 10 GHz. **Dale, AF1T**, closed out the top three for Low Power Single-Ops across nine bands from his New Hampshire location.

Single Operator, Low Power (SOLP)

Call	*Score*	*QSOs*	*Grids*	*Bands*
K2DRH	117,564	238	97	C D 9 E F G
W3PAW	67,452	138	77	C D 9 E F G H I
AF1T	32,076	114	54	C D 9 E F G H I J
K2KIB	28,365	104	61	C D 9 E F G H I
WB2SIH	16,905	95	49	C D 9 E
WB2JAY	16,380	85	42	C D 9 E F
N9LB	14,835	85	43	C D 9 E F
N4QWZ	11,844	68	47	C D 9 E
N9DG	10,830	95	38	C D
NØKP	8,364	41	34	C D 9 E F G
WØJT	3,933	48	23	C D 9 E

Table of Band Designators

50 MHz	6M	A
144 MHz	2M	B
222 MHz	222	C
432 MHz	432	D
902 MHz	902	9
1.2 GHz	1.2G	E
2.3 GHz	2.3G	F
3.4 GHz	3.4G	G
5.7 GHz	5.7G	H
10 GHz	10G	I
24 GHz	24G	J
47 GHz	47G	K
75 GHz	75G	L
119 GHz	119G	M
142 GHz	142G	N
241 GHz	241G	O
Light	Light	P

The Eastern Pennsylvania and Maryland-DC sections were the place to be for Single-Op, High Power, **Phil, K3TUF,** and **Dave, K1RZ,** duplicated their one-two finish of last year, with eight bands and seven bands, respectively. Among SOHP, Phil had the top QSO and multiplier totals for 2.3 and 3.4 GHz as well as leading multipliers for 432 MHz and tying WA2FGK for top 10 GHz QSO count. Dave tied WØUC for the multiplier lead on 222 MHz, had the top multiplier count for 902 MHz, and led both QSOs and multipliers on 5.7 GHz.

The **WA2FGK** station, piloted by **Herb, K2LNS**, made QSOs on eight bands to claim the third highest score in SOHP for 2013. Herb matched K3TUF for the top QSO count on 10 GHz but stands alone as the multiplier leader on the band with each of his five QSOs reaching a different grid locator. The fourth and fifth spots in the "B" category were from the middle of the country with **Gary, WØGHZ**, tuning through the seven bands of his Minnesota station to finish only 165 points ahead of Wisconsin's **Paul, WØUC**. Gary's QSO count on 902 MHz was best among the High Power, Single-Op entrants while Paul claimed the top counts for QSOs on 222, 432 and 1296 MHz as well as top multiplier count for 1296 MHz.

Single Operator, High Power (SOHP)

Call	*Score*	*QSOs*	*Grids*	*Bands*
K3TUF	84,639	162	89	C D 9 E F G H I
K1RZ	60,984	149	77	C D 9 E F G H
WA2FGK (op. K2LNS)	54,747	120	77	C D 9 E F G H I
WØGHZ	45,705	155	55	C D 9 E F G I
WØUC	45,540	164	69	C D 9 E F I
N7EPD	15,435	93	35	C D 9 E F G H
W9GA	14,523	82	47	C D 9 E
KD7TS	13,020	83	31	C D 9 E F G H
W5MRB	12,420	54	46	C D 9 E F
W1FKF	9,408	64	32	C D 9 E F I

Multioperator leaders

Among this year's "M" category entrants, the **K2LIM** "LIM Amateur Radio Group" (operated by KA2LIM, KB2YCC, and W9KXI) returned to their favorite Western New York location with five bands and claimed the top spot (moving up from the second spot in 2011 and 2012). Of their five bands, the QSO and multiplier totals were tops for 222 and 432 MHz.

Second place went to the Winona Amateur Radio Club's **WØNE** club call, activated by a team of five (KC9ZEZ, KBØYJU, KCØRSX, KFØQ, and NØWE) with seven bands from Minnesota. With a focus on higher bands, they claimed the top QSO and multiplier counts for the 2.3, 3.4 and 10 GHz Bands. **Charlie, NØAKC,** used spotting assistance to move into the Multiop category, making QSOs on four bands from his Wisconsin station to finish in third place and had the best QSO total among Multiops for 902 MHz and led the multiplier race for 902 MHz and 1.2 GHz.

Multioperator (M)

Call	*Score*	*QSOs*	*Grids*	*Bands*
K2LIM	13,662	84	46	C D 9 E I
WØNE	11,340	56	36	C D 9 E F G I
NØAKC	7,410	49	38	C D 9 E
KO9A	6,630	71	26	C D 9 E
N4JQQ	5,220	35	30	C D 9 E F
N8ZM	4,089	42	29	C D E
WB3IGR	3,198	36	26	C D 9
N1DGF	3,186	42	18	C D 9 E F I
KBØHH	2,304	42	16	C D 9 E
N2BJ	2,040	29	20	C D E

On the rove again

Rovers were active from Southern and Central California led by **Wayne, N6NB,** reclaiming the national top score in the category for 2013 (and top score overall) as he did last year. Wayne activated 10 grids with nine bands (222 MHz through 24 GHz), racking up close to 500 QSOs and was closely followed by **Jim, KI6FGV**, matching Wayne's 10 grid Activations but with one less band than Wayne, netting 60 fewer total QSOs. The family rover team of **Jason, N6EY,** and **Kris, N6KYS,** finished tied for third place among the Classic Rovers, each of them reporting 267 QSOs on nine bands and six grids activated. Outside of California, the top scoring rover was **Jon, WØZQ**, who activated seven Minnesota grids, netting him just short of 300 QSOs on the seven bands that his rover-mobile was carrying.

Rovers

Call	*Score*	*QSOs*	*Grids*	*Bands*
Classic Rover (R)				
N6NB/R	382,755	482	95	C D 9 E F G H I J
KI6FGV/R	297,474	422	86	C D 9 E F G H I
N6EY/R	136,440	267	60	C D 9 E F G H I J
N6KYS/R	136,440	267	60	C D 9 E F G H I J
WØZQ/R	98,820	284	60	C D 9 E F G I
W6TTF/R	76,800	225	40	C D 9 E F G H I J
WA6WTF/R	76,800	225	40	C D 9 E F G H I J
W9SNR/R	51,255	156	67	C D 9 E F G H I
KCØP/R	20,295	99	41	C D 9 E F I
NØHZO/R	19,803	97	41	C D 9 E F I
Limited Rover (RL)				
WW7D/R	11,022	137	22	C D 9 E
KØPG/R	7,176	71	23	D 9 E
K9ILT/R	6,798	71	22	D 9 E
K9JK/R	6,696	75	24	C D E
KC9JTL/R	6,216	64	28	C D 9
W9HQ/R	6,132	63	28	C D 9
KI6QEL/R	972	27	12	C D
KO5OK/R (op. NL7CO)	504	21	8	C D
N2DCH/R	231	9	7	C D 9
Unlimited Rover (RU)				
WA3PTV/R	39,114	133	41	C D 9 E F G H I

Adding another band as he did last year when he added 1.2 GHz (which he also upgraded for 2013), **Darryl, WW7D,** added 902 MHz this year to have the full complement of four bands allowed for Limited Rover in the UHF Contest. He also upped his grid activation count to 7 (from last year's 6) to produce the top score in the category for 2013. Darryl has posted a travelogue of his Western Washington roving adventure on the web at **tinyurl.com/WW7DUHF13**. The Central Division was a hotbed of Limited Rover activity with the second through sixth-place scorers in the category finishing with just over 1,000 points separating the 5 positions. The family team of **Tim, KØPG,** and **Pat, K9ILT,** were the second and third-place finishers with identical final QSO counts but Tim's final score yielded one multiplier more than Pat for a margin of less than 400 points. Tim and Pat traversed nine grids in southern Wisconsin and northern Illinois and might have finished closer to Darryl's score had it not been for the 'magic smoke' escaping from their 222 MHz transverter

while setting up on Friday evening, leaving them with just the 432 MHz, 902 MHz and 1.2 GHz bands.

Not to be forgotten as a category, **Joe, WA3PTV,** soloed in Unlimited Rover. Joe visited high spots in four grids around south central Pennsylvania with his eight-band station.

Division record updates

Only two division records were bettered in 2013 and both were in the Limited Rover category. **Darryl, WW7D,** once again raised the bar for Limited Rover in the Northwestern Division which he set in 2011 and raised in 2012. **Don, NL7CO,** piloted **KO5OK/R** to elevate the West Gulf's Limited Rover record.

*The father and son rover team of **David, W9HQ,** and **Christopher, KC9JTL,** added to the family presence in this year's contest. (Photo from W9HQ)*

Regional Highlights

The West Coast Region reclaimed the top spot in log submissions for 2013 with 39, one-quarter of the total (up from 29 last year). The Pacific Division led the way with 16 logs, 9 of those from the San Joaquin Valley section. From the Northwestern Division, 14 logs were received, with 11 from the Western Washington Section. Eight logs were submitted from the Southwestern Division and one from British Columbia. Among the Single-Operator entrants, 20 entered Low Power. **AF6RR** claimed the top spot with a margin of just 24 points over **K6TSK**. **N7EPD** repeated as the first-place finisher in High Power. Of two West Coast Multi-Ops, **K6WCC** claimed the highest score. The contest's top scorers in Rover and Limited Rover were from the West Coast Region, **N6NB/R** and **WW7D/R**, respectively. Both claimed the regional top spots as they did in 2012.

After 53 logs were submitted last year, the Northeast Region slipped to second with 35 logs; 15 from the New England Division, 14 from the Atlantic Division, and 6 from the Hudson Division. **W3PAW** repeated as top SOLP scorer of 16. Of 10 SOHP logs, **K3TUF** reclaimed the top spot in 2013 for the region and the contest. The **K2LIM** team led the Northeast Region and the contest in Multioperator; that was among three in the Northeast Region and 13 overall. Six rover logs were submitted from the region: four Classic Rovers led by **K1DS/R,** leaving **N2DCH/R** as the Northeast's sole Limited Rover and **WA3PTV/R** as the only Unlimited Rover for the region and for the contest.

The Central Region was third with 33 logs (four more than 2012). That included the busiest division in 2013 (Central Division with 23 logs) as well as seven logs from the Great Lakes Division and three logs from the Ontario South Section. The contest's SOLP category leader **K2DRH** led the 11 SOLP entrants from the region and 74 in the contest. Of nine SOHP entrants from the Central region, **WØUC** claimed the top spot. **NØAKC** led the four Multi-ops from Central. The Central Region's Rover log count tripled to nine from 2012. **W9SNR/R** led the four Classic Rovers and the scores of the five Limited Rovers ranged from 7,176 to 6,132 with **KØPG/R** in the lead.

Twenty-nine logs from the Midwest Region beat last year by two but the mix changed significantly among the divisions. Participation from the Dakota Division almost doubled with 20 (compared to 11 last year), including 19 of those from Minnesota, this contest's busiest section. The log counts from the region's other divisions slipped; five from West Gulf, three from Midwest and one from Rocky Mountain (compared to six, seven and three, respectively in 2012). In Single Operator, 14 Low Power entrants and eight High Power entrants were led by **NØKP** and **WØGHZ**, respectively. **WØNE** claimed the top spot among two Multi-ops from the region. Midwest's rovers matched last year's count of five, halting their recent diminishing trend. **WØZQ/R** led four Classic Rovers and **KO5OK/R** as the lone Limited Rover.

The Southeast Region's log count slipped to 20 (from 33 in 2012, matching the count from 2011). Delta Division's log count grew to 14 from last year's 10, the Southeastern Division dropped to four (from 14 in 2012), and Roanoke Division dropped to three (from nine last year). **N4QWZ** repeated as the top scorer in SOLP of 11 from the region. **W5MRB** topped four "B" category entrants from the Southeast. All of the region's rovers were Classic, with **AG4V/R** leading the three entrants in the category. The Southeast's Multi-op stations numbered two, with **N4JQQ** achieving the region's top score.

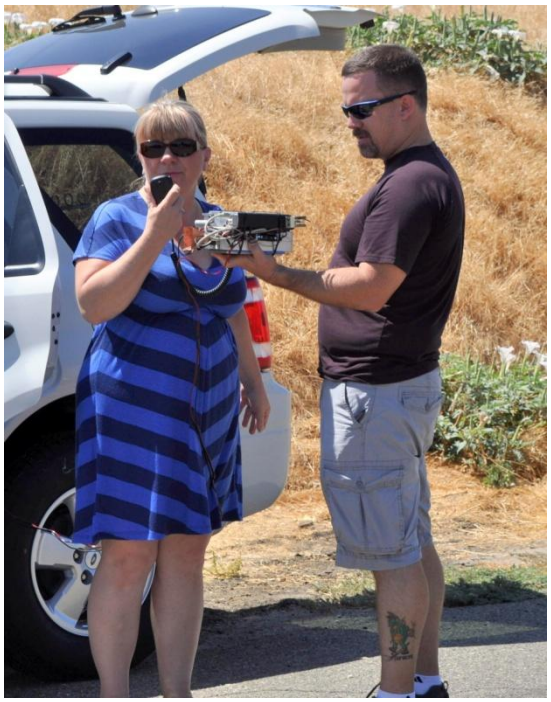
And the Club Competition gavels go to…

Ninety-nine of this year's 156 logs listed a club name. That is consistent since the Club Competition started for the UHF Contest back in 2009. Twenty-two different clubs were named, but unfortunately, only 10 of the clubs named met the minimum of three logs submitted to be eligible for the Club Competition; nine of them in the Medium and one in the Local Club category.

The Southern California Contest Club (SCCC) claimed the Medium Club gavel for 2013 with seven logs submitted. Four logs from the Bristol (TN) Amateur Radio Club allowed them to claim this year's Local Club Gavel. This is the fifth year that Club Competition has been included in the UHF Contest and the fourth time that SCCC and the third time that Bristol won their respective gavels. See the table for the complete Club Competition results.

Affiliated Club Competition

Club Name	*Logs*	*Score*
Medium Club		
Southern California Contest Club	7	1,107,789
Northern Lights Radio Society	18	252,312
Mt Airy VHF Radio Club	6	163,896
Society of Midwest Contesters	8	142,371
Potomac Valley Radio Club	3	131,634
Badger Contesters	14	126,597
North East Weak Signal Group	9	76,776
Pacific Northwest VHF Society	13	65,463
Florida Weak Signal Society	4	3,483
Local Club		
Bristol (TN) ARC	4	1,536



The newlyweds take to the airwaves! Married just weeks before the contest, the husband-and-wife Rover Team of Kris, N6KYS, and Jason, N6EY, are shown here making a QSO on 24 GHz. (Photo by N6NB)

Family Reunion in 2014?

While we're not ALL necessarily related by blood or marriage (as a number of this year's participants were), amateur radio IS family and we are the UHF family within. Our next UHF Family Reunion is scheduled to start 1800 UTC on August 2, 2014. Let's reunite on the 222 MHz and higher bands to *make* activity happen. Consider inviting someone you know who was active in the contest before but has missed a few recently. Find some new folks to join the UHF Family Reunion in 2014. In any case, I will continue my quest to see the log count cross the 250 barrier and finally better the "249s" of 1994 and 1999 so I personally invite all UHF family members participate in the 2014 reunion and submit their logs.

Division Winners

Low Power

Atlantic	W3PAW	67,452
Central	K2DRH	117,564
Dakota	NØKP	8,364
Delta	N4QWZ	11,844
Great Lakes	N8AIA	3,690
Hudson	K2KIB	28,365
Midwest	WØVAN	18
New England	AF1T	32,076
Northwestern	KEØCO	2,268
Pacific	AF6RR	3,186
Roanoke	K4FJW	621
Rocky Mountain	KKØQ	1,152
Southwestern	K6TSK	3,162
Canada	VE7FYC	2,256

High Power

Atlantic	K3TUF	84,639
Central	WØUC	45,540
Dakota	WØGHZ	45,705
Delta	W5MRB	12,420
Great Lakes	K8TQK	7,320
Hudson	K2AMI	120
Midwest	WDØBQM	180
New England	W1FKF	9,408
Northwestern	N7EPD	15,435
Pacific	KC6ZWT	4,662
Southeastern	KØVXM	1,530
West Gulf	KC5MVZ	720
Canada	VE3ZV	6,825

Multi-Op

Atlantic	K2LIM	13,662
Central	NØAKC	7,410
Dakota	WØNE	11,340
Delta	N4JQQ	5,220
Great Lakes	N8ZM	4,089
New England	N1DGF	3,186
Pacific	KK6COR	90
Southeastern	W4FWS	1,365
Southwestern	K6WCC	462
West Gulf	KBØHH	2,304

Rover

Atlantic	K1DS/R	13,452
Central	W9SNR/R	51,255
Dakota	WØZQ/R	98,820
Delta	AG4V/R	16,128
New England	AA1I/R	13,440
Pacific	N6NB/R	382,755
Southeastern	WQ4M/R	324
Canada	VE3CRU/R	2,166

Limited Rover

Atlantic	N2DCH/R	231
Central	KØPG/R	7,176
Northwestern	WW7D/R	11,022
Pacific	KI6QEL/R	972
West Gulf	KO5OK/R	504

Unlimited Rover

Atlantic	WA3PTV/R	39,114

Regional Leaders

SOLP/HP = Single-Op Low Power/High Power; M = Multioperator, R = Classic Rover; RL = Limited Rover; RU = Unlimited Rover

Northeast Region

New England, Hudson and Atlantic Divisions; Maritime and Quebec Sections

Call	Score	Cat
W3PAW	67,452	SOLP
AF1T	32,076	SOLP
K2KIB	28,365	SOLP
WB2SIH	16,905	SOLP
WB2JAY	16,380	SOLP
K3TUF	84,639	SOHP
K1RZ	60,984	SOHP
WA2FGK	54,747	SOHP
W1FKF	9,408	SOHP
W1GHZ	5,406	SOHP
K2LIM	13,662	M
WB3IGR	3,198	M
N1DGF	3,186	M
K1DS/R	13,452	R
AA1I/R	13,440	R
W1AUV/R	10,176	R
NN3Q/R	8,832	R
N2DCH/R	231	RL
WA3PTV/R	39,114	RU

Southeast Region

Delta, Roanoke and Southeastern Divisions

Call	Score	Cat
N4QWZ	11,844	SOLP
K4FJW	621	SOLP
KD4NOQ	450	SOLP
KH6TY	351	SOLP
K5OLV	336	SOLP
W5MRB	12,420	SOHP
KØVXM	1,530	SOHP
AA4DD	891	SOHP
WB4JGG	120	SOHP
N4JQQ	5,220	M
W4FWS	1,365	M
AG4V/R	16,128	R
WQ4M/R	324	R
KJ4G/R	264	R

Central Region

Central and Great Lakes Divisions; Ontario Section

Call	Score	Cat
K2DRH	117,564	SOLP
N9LB	14,835	SOLP
N9DG	10,830	SOLP
N8AIA	3,690	SOLP
WB8BZK	3,528	SOLP
WØUC	45,540	SOHP
W9GA	14,523	SOHP
K8TQK	7,320	SOHP
VE3ZV	6,825	SOHP
K8GDT	5,670	SOHP
NØAKC	7,410	M
KO9A	6,630	M
N8ZM	4,089	M
N2BJ	2,040	M
W9SNR/R	51,255	R
W9SZ/R	10,302	R
VE3CRU/R	2,166	R
VE3NYZ/R	882	R
KØPG/R	7,176	RL
K9ILT/R	6,798	RL
K9JK/R	6,696	RL
KC9JTL/R	6,216	RL

Midwest Region

Dakota, Midwest, Rocky Mountain and West Gulf Divisions; Manitoba and Saskatchewan Sections

Call	Score	Cat
NØKP	8,364	SOLP
WØJT	3,933	SOLP
KAØPQW	1,680	SOLP
KKØQ	1,152	SOLP
KØSIX	897	SOLP
WØGHZ	45,705	SOHP
KØAWU	4,056	SOHP
NTØV	900	SOHP
KC5MVZ	720	SOHP
NØJCF	288	SOHP
WØNE	11,340	M
KBØHH	2,304	M
WØZQ/R	98,820	R
KCØP/R	20,295	R
NØHZO/R	19,803	R
WBØLJC/R	1,782	R
KO5OK/R	504	RL

West Coast Region

Pacific, Northwestern and Southwestern Divisions; Alberta, British Columbia and NWT Sections

Call	Score	Cat
AF6RR	3,186	SOLP
K6TSK	3,162	SOLP
KEØCO	2,268	SOLP
VE7FYC	2,256	SOLP
KG7P	2,244	SOLP
N7EPD	15,435	SOHP
KD7TS	13,020	SOHP
KE7SW	8,460	SOHP
KC6ZWT	4,662	SOHP
KB7ME	3,213	SOHP
K6WCC	462	M
KK6COR	90	M
N6NB/R	382,755	R
KI6FGV	297,474	R
N6EY/R	136,440	R
N6KYS/R	136,440	R
WA6WTF/R	76,800	R
W6TTF/R	76,800	R
WW7D/R	11,022	RL
KI6QEL/R	972	RL

QSO Leaders

Single Operator Low Power

222 MHz

K2DRH	21
W3PAW	20
N9DG	19
K2KIB	17
N4QWZ	17
WB2SIH	17
N8AIA	16
AF1T	15
WB2JAY	11
KAØPQW	10
N9LB	10

432 MHz

K2DRH	24
N9DG	19
K2KIB	18
N4QWZ	18
WB2SIH	17
N9LB	15
W3PAW	15
AF1T	13
WB2JAY	13
N8AIA	11

902 MHz

K2DRH	15
K2KIB	9
W3PAW	9
AF1T	7
N9LB	7
WB2SIH	7
N4QWZ	6
WB2JAY	6
KEØCO	5
NØKP	5

1.2 GHz

K2DRH	18
AF1T	9
W3PAW	9
K2KIB	8
N9LB	8
WB2SIH	8
NØKP	7
WB8BZK	7
N4QWZ	6
WB2JAY	6

2.3 GHz

K2DRH	10
W3PAW	7
WB2JAY	6
K2KIB	5
AF1T	4
N9LB	3
NØKP	2
K4FJW	1
ND9Z	1
W1TAI	1
W6TAI	1

3.4 GHz

K2DRH	9
W3PAW	8
NØKP	6
AF1T	2
K2KIB	1
W1TAI	1
W6TAI	1

5.7 GHz

W3PAW	4
AF1T	1
K2KIB	1
W1TAI	1
W6TAI	1

10 GHz

W3PAW	5
AF1T	2
K2KIB	2
W1TAI	1
W6TAI	1

24 GHz

AF1T	1
W1TAI	1
W6TAI	1

Single Operator High Power

222 MHz

K1RZ	22
WØUC	22
K3TUF	20
K8GDT	15
WA2FGK	15
K8TQK	14
K1TR	13
VE3ZV	13
W9GA	13
W1GHZ	12
W5MRB	12
WA8RJF	12

432 MHz

K3TUF	22
K1RZ	20
WØUC	19
W9GA	19
WA2FGK	18
W5MRB	14
K8TQK	13
K8GDT	12
K1TR	11
VE3ZV	11
W1GHZ	11
WA8RJF	11

902 MHz

K1RZ	14
K3TUF	13
WØUC	11
WA2FGK	11
WØGHZ	9
K8TQK	8
W9GA	7
W5MRB	6
6 stations tied with:	5
KØAWU, KD7TS, KE7SW, N7EPD, VE3ZV, W1FKF	

1.2 GHz

WØUC	15
K3TUF	11
WA2FGK	10
WØGHZ	9
W9GA	8
KD7TS	7
N7EPD	7
W1ZC	7
W5MRB	6
7 stations tied with:	5
K1RZ, K8TQK, KE7SW, W1FKF, W1GHZ, W9IIX, WA7TZY	

2.3 GHz

K3TUF	10
WA2FGK	9
WØGHZ	8
W5MRB	8
K1RZ	6
KE7SW	2
N1GJ	2
N7EPD	2
VE3ZV	2
WA7TZY	2

3.4 GHz

K3TUF	8
WØGHZ	7
K1RZ	5
WA2FGK	5
KØVXM	2
KE7SW	2
N7EPD	2
KD7TS	1
N1GJ	1
NTØV	1

5.7 GHz

K1RZ	5
WA2FGK	4
KØVXM	1
K3TUF	1
KD7TS	1
KE7SW	1
N7EPD	1
WA7TZY	1

10 GHz

WA2FGK	5
K3TUF	4
KØAWU	2
WØGHZ	2
W1FKF	2
W1GHZ	2
NTØV	1
WØUC	1

Multioperator

222 MHz

K2LIM	15
N8ZM	11
NØAKC	10
KO9A	9
WB3IGR	9
N2BJ	8
WØNE	8
N4JQQ	7
N1DGF	6
K6WCC	5

432 MHz

K2LIM	19
N8ZM	14
NØAKC	11
WB3IGR	11
KO9A	9
N2BJ	8
W4FWS	8
N4JQQ	7
WØNE	7
KBØHH	6

Multioperator (continued)

902 MHz

NØAKC	9
K2LIM	6
N4JQQ	6
WB3IGR	6
KBØHH	4
WØNE	4
KO9A	3
N1DGF	3

1.2 GHz

NØAKC	8
N4JQQ	6
K2LIM	5
KO9A	5
WØNE	5
N2BJ	4
N8ZM	4
W4FWS	4
N1DGF	3
KBØHH	2

2.3 GHz

WØNE	5
N4JQQ	4
N1DGF	1

3.4 GHz

WØNE	4

5.7 GHz

W4FWC	1

10 GHz

WØNE	3
N1DGF	1
K2LIM	1

Rover

222 MHz

W9SNR	16
AA1I	11
N6NB	11
KI6FGV	10
WØZQ	10
K1DS	9
AG4V	7
KCØP	7
NØHZO	7
NN3Q	7
VE3CRU	7
W1AUV	7
W9SZ	7

432 MHz

W9SNR	15
WØZQ	12
N6NB	11
AA1I	10
KI6FGV	10
AG4V	8
K1DS	8
KCØP	8
NØHZO	8
NN3Q	7
W1AUV	7
W9SZ	7

902 MHz

KI6FGV	10
N6NB	10
W9SNR	9
WØZQ	7
K1DS	6
N6EY	6
N6KYS	6
KCØP	5
NØHZO	5
NN3Q	5
W1AUV	5

1.2 GHz

W9SNR	11
KI6FGV	10
N6NB	10
WØZQ	9
W1AUV	7
AA1I	6
K1DS	6
KCØP	6
NØHZO	6
N6EY	6
N6KYS	6

2.3 GHz

KI6FGV	10
N6NB	10
KCØP	6
NØHZO	6
N6EY	6
N6KYS	6
WØZQ	5
W6TTF	4
W9SNR	4
WA6WTF	4

3.4 GHz

KI6FGV	10
N6NB	10
N6EY	6
N6KYS	6
WØZQ	4
W6TTF	4
W9SNR	4
WA6WTF	4
K1DS	3
W9SZ	3

5.7 GHz

KI6FGV	8
N6NB	8
N6EY	6
N6KYS	6
W6TTF	4
WA6WTF	4
NN3Q	3
W9SNR	2
W9SZ	2
K1DS	1

10 GHz

KI6FGV	8
N6NB	8
N6EY	6
N6KYS	6
WØZQ	6
KCØP	4
NØHZO	4
W1AUV	4
W6TTF	4
WA6WTF	4

24 GHz

N6NB	7
N6EY	6
N6KYS	6
W6TTF	4
WA6WTF	4

Rover Limited

222 MHz

KC9JTL	9
W9HQ	9
K9JK	7
WW7D	5
KI6QEL	4
KO5OK	2
N2DCH	1

432 MHz

KC9JTL	8
W9HQ	8
KØPG	7
K9ILT	7
K9JK	7
KI6QEL	6
WW7D	6
KO5OK	3
N2DCH	1

902 MHz

KC9JTL	5
W9HQ	5
KØPG	3
K9ILT	3
WW7D	2
N2DCH	1

1.2 GHz

K9JK	6
KØPG	4
K9ILT	3
WW7D	2

Rover Unlimited

222 MHz

WA3PTV	8

432 MHz

WA3PTV	6

902 MH5

WA3PTV	5

1.2 GHz

WA3PTV	4

2.3 GHz

WA3PTV	4

3.4 GHz

WA3PTV	4

5.7 GHz

WA3PTV	3

10 GHz

WA3PTV	3

Multiplier Leaders

Single Operator Low Power

222 MHz

K2DRH	51
N9DG	42
K2KIB	35
WB2SIH	35
W3PAW	34
AF1T	29
N4QWZ	25
WB2JAY	25
N9LB	23
N8AIA	20

432 MHz

K2DRH	75
N9DG	53
WB2SIH	40
N9LB	38
K2KIB	36
AF1T	35
W3PAW	32
WB2JAY	31
K6TSK	27
N4QWZ	27

902 MHz

K2DRH	38
W3PAW	14
AF1T	12
K2KIB	11
N9LB	10
N4QWZ	8
WB2JAY	8
WB2SIH	7
AF6RR	6
NØKP	6

1.2 GHz

K2DRH	47
AF1T	21
W3PAW	17
K2KIB	13
WB2JAY	13
WB2SIH	13
K6TSK	12
KD7UO	12
WB8BZK	12
N9LB	11

2.3 GHz

K2DRH	15
W3PAW	14
AF1T	8
WB2JAY	8
K2KIB	5
N9LB	3
NØKP	2
K4FJW	1
ND9Z	1
W1TAI	1
W6TAI	1

3.4 GHz

W3PAW	13
K2DRH	12
NØKP	7
AF1T	4
K2KIB	1
W1TAI	1
W6TAI	1

5.7 GHz

W3PAW	5
AF1T	1
K2KIB	1
W1TAI	1
W6TAI	1

10 GHz

W3PAW	9
AF1T	3
K2KIB	2
W1TAI	1
W6TAI	1

24 GHz

AF1T	1
W1TAI	1
W6TAI	1

Single Operator High Power

222 MHz

WØUC	59
K1RZ	44
WØGHZ	38
K3TUF	37
WA2FGK	24
K1TR	23
N7EPD	23
W9GA	22
K8GDT	20
KC6ZWT	20
KD7TS	20
VE3ZV	20

432 MHz

WØUC	53
K1RZ	44
WØGHZ	43
K3TUF	42
W9GA	39
WA2FGK	35
N7EPD	34
KI7JA	27
KD7TS	26
WA7TZY	23

902 MHz

WØGHZ	27
K1RZ	23
K3TUF	21
WØUC	21
WA2FGK	15
N7EPD	11
K8TQK	9
KD7TS	9
W1FKF	8
KC6ZWT	7
KE7SW	7
W9GA	7

1.2 GHz

WØUC	29
K3TUF	26
WØGHZ	23
KD7TS	18
WA2FGK	18
N7EPD	16
W1ZC	14
W9GA	14
K1RZ	11
W1FKF	11

2.3 GHz

K3TUF	17
WØGHZ	13
WA2FGK	12
K1RZ	11
W5MRB	8
N7EPD	5
KD7TS	4
WA7TZY	4
KE7SW	3
N1GJ	2
VE3ZV	2

3.4 GHz

K3TUF	13
K1RZ	9
WØGHZ	8
WA2FGK	7
KD7TS	3
KE7SW	3
N7EPD	3
KØVXM	2
N1GJ	1
NTØV	1

5.7 GHz

K1RZ	7
WA2FGK	4
KD7TS	3
KØVXM	1
K3TUF	1
KE7SW	1
N7EPD	1
WA7TZY	1

10 GHz

K3TUF	5
WA2FGK	5
W1FKF	4
WØGHZ	3
KØAWU	2
W1GHZ	2
NTØV	1
WØUC	1

Multioperator

222 MHz

K2LIM	31
KO9A	27
NØAKC	18
N1DGF	16
N8ZM	15
WØNE	15
WB3IGR	13
N2BJ	12
KBØHH	11
N4JQQ	10

432 MHz

K2LIM	40
KO9A	30
KBØHH	25
N8ZM	22
WØNE	18
WB3IGR	18
NØAKC	15
N1DGF	13
W4FWS	13
N2BJ	12

2013 ARRL August UHF Contest – QSO and Multiplier Leaders

Multioperator (continued)

902 MHz

NØAKC	9
K2LIM	7
N4JQQ	6
N1DGF	5
WB3IGR	5
KBØHH	4
WØNE	4
KO9A	3

1.2 GHz

KO9A	11
W4FWS	9
NØAKC	7
N1DGF	6
WØNE	6
K2LIM	5
N4JQQ	5
N8ZM	5
N2BJ	5
KBØHH	2

2.3 GHz

WØNE	5
N4JQQ	4
N1DGF	1

3.4 GHz

WØNE	4

5.7 GHz

W4FWS	1

10 GHz

WØNE	4
K2LIM	1
N1DGF	1

Rover

222 MHz

WØZQ	64
N6NB	61
KI6FGV	53
W9SNR	44
AG4V	32
N6EY	31
N6KYS	31
AA1I	26
W6TTF	26
WA6WTF	26

432 MHz

WØZQ	69
N6NB	60
KI6FGV	54
W9SNR	49
AG4V	36
KCØP	31
NØHZO	31
N6EY	31
N6KYS	31
W6TTF	26
WA6WTF	26

902 MHz

KI6FGV	53
N6NB	53
WØZQ	45
N6EY	31
N6KYS	31
W6TTF	26
WA6WTF	26
W9SNR	19
KCØP	16
NØHZO	16

1.2 GHz

N6NB	58
KI6FGV	54
WØZQ	49
N6EY	31
N6KYS	31
W6TTF	26
WA6WTF	26
W9SNR	26
KCØP	17
NØHZO	15

2.3 GHz

KI6FGV	53
N6NB	53
N6EY	31
N6KYS	31
W6TTF	26
WA6WTF	26
WØZQ	24
AG4V	11
KCØP	8
NØHZO	8

3.4 GHz

KI6FGV	53
N6NB	53
N6EY	31
N6KYS	31
W6TTF	26
WA6WTF	26
WØZQ	20
W9SNR	6
K1DS	5
W9SZ	4

5.7 GHz

KI6FGV	51
N6NB	51
N6EY	31
N6KYS	31
W6TTF	26
WA6WTF	26
NN3Q	4
W9SNR	2
W9SZ	2
K1DS	1

10 GHz

KI6FGV	51
N6NB	51
N6EY	31
N6KYS	31
W6TTF	26
WA6WTF	26
WØZQ	13
WBØLJC	6
W1AUV	5
KCØP	3
NØHZO	3
W9SNR	3

24 GHz

N6NB	42
N6EY	19
N6KYS	19
W6TTF	17
WA6WTF	17

Rover Limited

222 MHz

WW7D	45
K9JK	27
KC9JTL	26
W9HQ	26
KI6QEL	11
KO5OK	4
N2DCH	4

432 MHz

WW7D	62
K9ILT	39
KØPG	38
K9JK	30
KC9JTL	28
W9HQ	27
KO5OK	17
KI6QEL	16
N2DCH	3

902 MHz

WW7D	21
KØPG	19
K9ILT	19
KC9JTL	10
W9HQ	10
N2DCH	2

1.2 GHz

K9JK	18
KØPG	14
K9ILT	13
WW7D	9

Rover Unlimited

222 MHz

WA3PTV	25

432 MHz

WA3PTV	25

902 MHz

WA3PTV	16

1.2 GHz

WA3PTV	16

2.3 GHz

WA3PTV	17

3.4 GHz

WA3PTV	13

5.7 GHz

WA3PTV	10

10 GHz

WA3PTV	11