

ARRL August UHF Contest 2012 Results

by John (JK) Kalenowsky, K9JK (hamk9jk@ameritech.net)

Quest to rise above 250 log submissions continues!

The chart showing "QSOs by Band" from 2007 through 2012 tells the story - while still not over the 200-log threshold of 2009 and 2010, the 171 logs received for 2012 did rise from last year's disappointing count of 142. Most of the increase was in Single-Operator, Low Power logs with 94 (as compared to 71 in 2011). The 44 Single-Operator, High Power logs for 2012 were up one from last year. (See the article's concluding section, Rising!, for a chart of the contest's log submission history.)



These towers full of antennas kept Gary Gerber, KBØHH and his ops on the bands and loud, too! Gary and his "Bunkhouse crew" earned third place in the Multioperator category from his EM06 QTH. [Photo courtesy Gary Gerber, KBØHH]

Multioperator log submissions grew by two to a set of ten this year. Rovers totaled 23 as compared to 2011's 21 with 16 Classic Rovers (up three), five Limited Rovers (down two) and two Unlimited Rovers (up one). With the rise in logs submitted, the total number of QSOs reported in this year's logs grew as well, with just over 8800 QSOs reported.

As noted last year and with similar numbers, activity was noted from quite a few stations that did not submit a log in 2012 – about 400 additional fixed stations and 20 call signs logged with the "/R" suffix (and showing activity from two or more grid squares) were among this year's reported QSOs. With the increase in count of stations who did submit logs in 2012, less than 10% of those non-submitters would have gotten the log count over 200 and just 20% would have broken 250 and finally surpassed the log counts of 249 from 1994 and 1999 finally (more on this later).

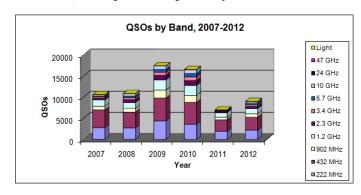
Continuing the practice begun in 2010, the 14 'paper' logs that were submitted were transcribed to Cabrillo format by volunteers and added to the logs that were electronically submitted. The resulting 171 of them (plus a check log) went fully through the log checking process.

Where the action was

Among stations submitting logs, a total of 113 grid locators were represented and contacts were reported with 168 different grid squares in 2012. The three most reported grid locators were FM19 (549), FN20 (500) and FN42 (432). At the other extreme there were over 10 grid locators with which only a single QSO was listed.

Fixed stations were active from 81 of the 113 grids with 56 uniquely represented by fixed stations. FN42 was the most popular locator for fixed stations with 10 logs received listing 475 QSOs. FN20 and EM86 were next with eight logs each but FN20 stations reported 367 QSOs compared to 166 QSOs from EM86. FM19 came close to matching FN42's QSO total, with 472, accomplishing that with just 5 logs submitted by fixed stations.

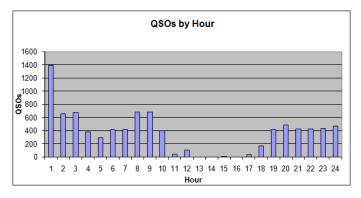
The 115 grids activated by Rovers included 32 that were visited only by Rovers – an average of five grids were activated by each Rover. Five Rovers that visited DM13 reported the highest QSO total for a given locator with 173. FN00 was a close second for Rover QSOs with 172 reported by three Rovers that activated the grid. DM04 and CM97 were both visited by five Rovers, with 153 and 112 QSOs reported, respectively.



See <u>Tables 1 and 2</u> at the end of this writeup for the complete set of data by band from 2007 through 2012 plus advanced activity breakdowns created by K9JK.

When did contacts happen?

As usually happens, the busiest hour was the first in which just shy of 1400 QSOs were logged, a little over 15 % of the total QSOs reported in the contest. The chart of "QSOs by Hour" shows that strong activity continued in the following three hours, netting over one-third of the total QSOs in the first four hours of the contest. Activity continued through the next eight hours (Saturday evening) with a slight peak of activity in the eighth and ninth hours (0100 through 0259 UTC) to rack up twothirds of the total QSOs. The doldrums of the four overnight hours (0600 through 0959 UTC) yielded only a single QSO among all of the submitted logs. Sunday morning started off slowly with under 200 QSOs between 1000 and 1159 UTC but activity grew and remained steady at over 400 QSOs per hour from 1200 UTC until the end of the contest time.



Top Scorers by category

The Rovers from Southern California returned to activity in 2012 with **Wayne**, **N6NB** claiming the national top score in the category (and top score overall for this year). Wayne was closely followed by **Art**, **W6XD**, **Carrie**, **W6TAI** and **Jason**, **N6EY** (+**W6TE**), each of them topping a quarter-million points for their scores from over 300 QSOs each across nine bands and visiting 11 grids: CM95, CM96, CM97, DM03, DM04, DM05, DM06, DM07, DM12, DM13 and DM14. Outside of Southern California, the top scoring Rover was **Steve**, **N2CEI** from Florida, with over 200 QSOs from traveling through eight grids with eight bands.

Not to be overlooked is another score that topped one-quarter million, by **Brian**, **N3IQ** in the Unlimited Rover category. Brian had the highest QSO total of all entrants (375) from the nine-band station he piloted through FN00, FM19, FN10, FM08, FM18 and FM09. One other entrant joined Brian in Unlimited Rover, **Joe**, **WA3PTV** who travelled through four grids with his eight-band station.

In Single-Op, High Power, **Phil, K3TUF** claimed the top spot for 2012 from his Eastern Pennsylvania station.

Second place in the "B" category went to Maryland-DC's **Dave, K1RZ**. Another Maryland-DC station, **Owen, W3CB**, claimed the third spot in SOHP. As an apology to last year's SOHP Top Scorer, **WA2FGK** (piloted by **Herb, K2LNS**), it was not my intent to minimize Herb's effort by writing that his score was "enabled" by the absence of prior year top scorers in that category. While top scorers frequently repeat, I was trying to emphasize that every participant needs to get on and put forth their best effort in each contest, since you never know who else is participating and how conditions or local activity might favor your location over another station.

What can you say about a score of 111,111? I don't know if **Paul, W3PAW** was trying to achieve that score but that is what resulted from his 209 QSOs (1221 QSO points) and 91 multipliers to place his effort from Western Pennsylvania in first place among the Single-Op, Low Power category. Following Paul in SOLP were **Roger, W3SZ** from Eastern Pennsylvania and **Warner, K1KG** from Eastern Massachusetts.

In the multi-operator category, **Paul**, **WØUC** teamed up with **K9MU** and battled the bands from Paul's Wisconsin station to claim the top spot. The **K2LIM** "LIM Amateur Radio Group" (operated by **KA2LIM**, **KB2YCC** and **W9KXI**) were at their favorite Western New York location and claimed the second spot (as they had in 2011). **Gary**, **KBØHH** (along with **KAØKCI** and **KD5EKX**) operated from Gary's Oklahoma bunk house station and finished in third place.

The "final category" this year is Limited Rover and your author, **John, K9JK** reclaimed the top spot in Limited Rover for 2012, visiting four grids in Illinois with three bands. Second and third places in Limited Rover were the same as in 2011 except that they traded spots. **Darryl, WW7D** visited six grids around Western Washington with three bands (adding a band to last year's two bands) for second spot. **John, WAØVPJ** (+**AIØZ**) visited four grids around Minnesota with three bands for the third spot.

An <u>enhanced Top Ten table</u> showing band-by-band breakdowns of multipliers and grids activated for the Rovers can be found at the end of this article.

Top Ten by Category

CALL	SCORE
Single-Operate	or, Low Power
W3PAW	111,111
W3SZ	55,890
K1KG	43,260
AF1T	40,887
N6MU	36,036
K2DRH	34,068
K2KIB	32,670
WB2SIH	26,847
W2BZY	24,111
WB2JAY	22,200

Single-Operate	tor, High Power
K3TUF	167,076
K1RZ	120,840
K3CB	56,619
KØVXM	55,296
WB2RVX	47,610
N2GHR	45,576
WØZQ	26,469
VE3ZV	20,496
K8TQK	16,929
N7EPD	13,932

Multioperator	
WØUC	31,293
K2LIM	19,581
KBØHH	9,801
N2BJ	6,048
NE1B	3,654
KO9A	2,709
AG4V	2,016
NC6EO	198
W4HXP	36

12

WA4ZKO

Classic Rover	
N6NB/R	329,508
W6XD/R	319,200
W6TAI/R	301,620
N6EY/R	253,914
N2CEI	56,916
W3HMS	28,755
KCØP/R	22,155
NN3Q	16,770
WA2IID/R	13,386
W1AUV/R	12,426

Limited Rover	
K9JK/R	5,451
WW7D/R	5,136
WAØVPJ/R	3,366
AB2YI/R	510
N6ZE/R	12

Unlimited Rover	
N3IQ/R	252,879
WA3PTV	72.912

Divisional Record updates

Only two Divisional records were bettered in 2012 and both were in the newer categories, Limited Rover and Unlimited Rover; **Darryl, WW7D** re-upped the standard for Limited Rover in the Northwestern Division which he established in 2011 and **Brian, N3IQ** raised the bar for Unlimited Rover in the Atlantic Division (which had also just been raised in 2011, though not by Brian). None of the Divisional records in the legacy categories, Single-Operator, Low and High Power, Multioperator, and Rover were bettered this year

As mentioned earlier, a few logs (four Rovers and one Unlimited Rover) reported more than 300 QSOs and another 19 logs had more than 100 QSOs. 108 logs were in double digits (between 10 and 99 QSOs reported). The remaining 39 logs reported 9 or fewer QSO with six submitters reporting only a single QSO. ALL logs are appreciated and welcome, whether just a single QSO or several hundred.

Regional Highlights

The Northeast continues as the log count leader among the regions with 53 logs total; 22 from the Atlantic Division, 20 from the New England Division and 11 from the Hudson Division. The Northeast was also the place to be for top scores among Single-Op fixed stations. Among 29 SOLP entrants, W3PAW's top national score also lead the region but there were seven other regional "A" category scores from the Northeast among the National Top Ten. Similarly, the national top score by K3TUF for Single Operator, High Power topped the region's 15 entries in that category with four other Northeast region finishers among the National Top Ten for SOHP. In Multi-Op, the K2LIM team (secondplace nationally) was the best among two from the region. Among the seven Rover entrants from the Northeast, four were Classic Rovers, lead by W3HMS/R and AB2YI/R was the region's sole Limited Rover. The Northeast region also claimed this contest's only entrants in Unlimited Rover this year, N3IQ/R and WA3PTV/R.

After the lowest count of logs (20) among the regions in 2011, "the South rose again" with 33 logs from the Southeast region; 14 from the Southeastern Division, 10 from the Delta Division and 9 from the Roanoke Division. N4QWZ and. KØVXM repeated as top scorers in Single-Op, Low and High Power, among 20 and 10 entries, respectively, for the region. Another "repeater" in the Southeast was in the Classic Rover category, with N2CEI/R as the only entrant from the region in any of the rover categories. After no Multi-ops from the Southeast last year, 2012 brought the category back, with

AG4V achieving the top "M" score among two for the region. (*The top scorer was corrected to AG4V with version 1.07.*)

Like "the South(east)", the Central Region also rose again with 29 logs (eight more than 2011); 14 from Central Division, 12 from Great Lakes Division and 3 from Ontario. Of the region's 13 Single-Op Low-Power entries, **K2DRH** was tops. Among nine "B" category logs, **K8TQK** led the region. National top scorer in Multi-op, **WØUC**, led the four multi-ops from Central. The Central Region Rover log count totaled three; two Classic Rovers, led by **VE3CRU/R** and a sole Limited Rover piloted by your author, **K9JK/R**.

The West Coast Region was the source of 29 logs this year (down from 33 in 2011). The Northwestern and Pacific Divisions each contributed 11 logs plus there were 6 logs from the Southwestern Division and one from British Columbia. Among the Single-Operator entrants, 17 were Low Power with N6MU leading the way. N7EPD reclaimed the first spot in High Power among four from the region. NC6EO was the only Multi-Op entry from the West Coast. N6NB/R topped the Classic Rovers (though was followed closely by three others) and WW7D/R topped two Limited Rover logs from the region.

Midwest Region participants submitted 27 logs in 2012, comprised of 11 from the Dakota Division, seven from the Midwest Division, six from the West Gulf Division and three from the Rocky Mountain Division. Fifteen logs were received from Low Power competitors in the Midwest with W6OAL achieving the top score among them. WØZQ (who also roved) topped the High Power category among six from the region. Multi-op KBØHH was the best of three in that category for the region. Midwest's Rovers continued to diminish in number with five total this year; KCØP/R lead four Classic Rovers and WAØVPJ/R was the lone Limited Rover. Has Rover Mania faded or might it rise again in 2013?

Version 1.07 adds a complete table of Regional Leaders is available following the Top Ten breakdown tables at the conclusion of this article.

Division Leaders by Category

Division Leaders	by Calego	ıy
DIVISION	CALL	SCORE
Single-Operator, Low		
Atlantic	W3PAW	111,111
Central	K2DRH	34,068
Dakota	WØJT	1,596
Delta	N4QWZ	18,468
Great Lakes	KF8QL	1,890
Hudson	K2KIB	32,670
Midwest	NØTTW	561
New England	K1KG	43,260
Northwestern	KD7UO	3,564
Pacific	AF6RR	2,808
Roanoke	K4FJW	1,452
Rocky Mountain	W6OAL	4,620
Rocky Mountain	KKØQ	1,443
Southeastern	W2BZY	24,111
Southwestern	N6MU	36,036
West Gulf	WB5ZDP	900
Canada	VE7FYC	3,249
Single-Operator, High		
Atlantic	K3TUF	167,076
Central	W9GA	7,776
Dakota	WØZQ	26,469
Delta	AA4DD	4,158
	K8TQK	
Great Lakes		16,929
Hudson	N2GHR	45,576
New England	W1FKF	10,290
Northwestern	N7EPD	13,932
Pacific	KC6ZWT	3,150
Roanoke	K4QI	10,260
Rocky Mountain	WA7KYM	1,020
Southeastern	KØVXM	55,296
West Gulf	K5LLL	1,728
Canada	VE3ZV	20,496
Multioperator		
Atlantic	K2LIM	19,581
Central	WØUC	31,293
Delta	AG4V	2,016
Great Lakes	WA4ZKO	12
New England	NE1B	3,654
Pacific	NC6EO	198
Southeastern	W4HXP	36
West Gulf	KBØHH	9,801
Classic Rover		
Atlantic	W3HMS	28,755
Dakota	KCØP/R	22,155
Great Lakes	NE8I/R	4,104
	WA2IID/R	
New England		13,386
Pacific	N6NB/R	329,508
Southeastern	N2CEI	56,916
Canada	VE3CRU/R	5,301
Limited Rover		
Atlantic	AB2YI/R	510
Central	K9JK/R	5,451
Dakota	WAØVPJ/R	
Northwestern	WW7D/R	
		5,136
Southwestern	N6ZE/R	12
Halladia 15		
Unlimited Rover	NOIO/D	050.070
Atlantic	N3IQ/R	252,879

What about the clubs?

Of this year's 171 logs, 101 of them listed an Affiliated Club name in their Cabrillo log file. That remains consistent with the approximately 60% of logs that have listed a club name since Club Competition started in the UHF Contest. Even with the increased log count over 2011, the number of different clubs named in 2012 decreased by 2 to 23 but 12 of the 23 clubs met the minimum of 3 logs submitted to be eligible for the Club competition; 11 of them in Medium and 1 in the Local Club category.

With six logs submitted, the Southern California Contest Club won the Medium Club gavel. Seven members of the Bristol (Tennessee) Amateur Radio Club submitted their logs to claim the Local Club gavel. See the table for complete Club Competition results.



Sunday found the KJ1K rover making an successful foray up the slopes of Mt Greylock. (Photo courtesy of Tom Sullivan, W1AUV)

Club Competition

Medium Club

Southern California Contest Club	1,240,806	6
Mt Airy VHF Radio Club	338,262	9
Potomac Valley Radio Club	289,893	5
North East Weak Signal Group	114,504	11
Northern Lights Radio Society	100,761	11
Florida Weak Signal Society	55,296	9
Society of Midwest Contesters	48,249	5
Pacific Northwest VHF Society	35,925	8
Contest Club Ontario	30,981	3
Badger Contesters	27,060	8
Yankee Clipper Contest Club	10,146	4
Local Club		
Bristol (TN) Amateur Radio Club	10,137	7

Rising!

Log submissions rose by 20% in 2012 over the disappointing count from last year but room remains to rise further and finally better the "249s" of 1994 and 1999. The ARRL UHF Contest will definitely rise again in 2013, starting at 1800 UTC on August 3, 2013. Rising above 250 log submissions won't be easy but I still believe "we" CAN do it. Taking a bit of liberty with the statement I attribute to **Lloyd**, **NE8I**, let's MAKE the activity rise!

Closing once again with Bill Seabreeze's famous (infamous?) directive to "listen for the weak ones!", let US make the activity AND log submission count RISE in 2013! (Repeat after me: Two-fifty, Two-fifty...)

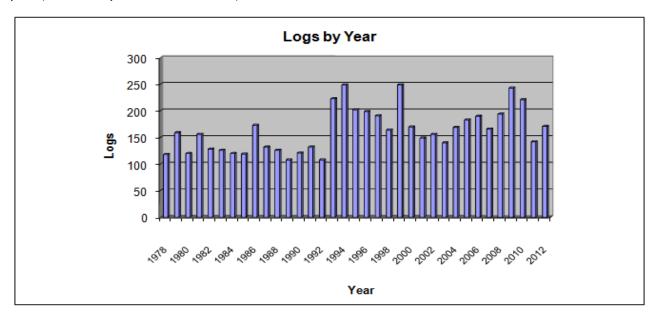


Table 1 - Activity by Band, 2007 through 2012

	2	2007	20	008	2	009	20	010	20	011	20	012
Band	QSOs	Stations	QSOs	Stations	QSOs	Stations	QSOs	Stations	QSOs	Stations	QSOs	Stations
222 MHz	2767	130	2700	156	4363	190	3597	165	1920	113	2146	135
432 MHz	4204	165	3741	192	5422	240	5167	216	2718	140	2993	166
902 MHz	850	77	906	88	1877	115	1658	102	596	64	820	83
1.2 GHz	1520	108	1378	137	2418	154	2339	147	1071	99	1194	110
2.3 GHz	414	51	679	73	1072	80	1159	77	290	43	488	57
3.4 GHz	306	40	489	48	743	54	889	56	170	30	391	39
5.7 GHz	181	27	353	24	653	44	782	47	59	18	331	32
10 GHz	316	43	567	50	847	64	884	62	123	25	343	36
24 GHz	28	11	11	7	22	9	39	12	8	4	95	13
47 GHz	2	2	0	0	3	3	0	0	0	0	0	0
Light	0	0	10	6	11	5	6	6	0	0	1	1

Table 2 - Participation by Number of Bands, 2007 through 2012

Bands	2007 Logs	2008 Logs	2009 Logs	2010 Logs	2011 Logs	2012 Logs
1	26	27	40	40	20	28
2	36	32	52	43	28	31
3	21	35	35	31	29	30
4	24	29	34	34	23	30
5	15	20	22	10	11	9
6	16	15	15	16	11	13
7	4	16	9	9	4	4
8	18	15	33	28	12	14
9	2	3	1	8	4	11
10	4	2	3	3	0	1

Top Ten Fixed Station - Breakdown by Category								
Call	Score	Bands	QSOs	Multipliers				
Single Operator Low Power								
W3PAW	111,111	CD9EFGHI	209	91				
W3SZ	55,890	CD9EFGHI	126	69				
K1KG	43,260	CD9EFGHI	120	70				
AF1T	40,887	CD9EFGHIJ	136	59				
N6MU	36,036	CD9EFGHIJ	131	33				
K2DRH	34,068	CD9EFG	116	68				
K2KIB	32,670	CD9EFH	123	66				
WB2SIH	26,847	CD9E	127	57				
W2BZY	24,111	CD9EFGHIJ	67	47				
WB2JAY	22,200	C D 9 E	113	50				
Single Operator High	Power							
K3TUF	167,076	CD9EFGH	255	117				
K1RZ	120,840	CD9EFGHI	228	106				
K3CB	56,619	CD9EFGHI	125	81				
KØVXM	55,296	CD9EFGHI	117	64				
WB2RVX	47,610	CD9EFGH	133	69				
N2GHR	45,576	CD9EF	139	72				
WØZQ	26,469	CD9EFGHIJ	99	51				
VE3ZV	20,496	CD9EFG	77	56				
K8TQK	16,929	CD9E	78	57				
N7EPD	13,932	CD9EFGH	80	36				
Multioperator								
WØUC	31,293	CD9E	129	61				
K2LIM	19,581	CD9EF	89	61				
KBØHH	9,801	CD9E	79	33				
N2BJ	6,048	CDE	60	28				
NE1B	3,654	CD	58	21				
KO9A	2,709	CD9E	34	21				
AG4V	2,016	CD9EF	23	21				
NC6EO	198	CD	11	6				
W4HXP	36	D	3	4				
WA4ZKO	12	D	2	2				

Тор Т	en Rover S	Station - Breakdow	n by C	ategory	
Call	Score	Bands	QSOs	Multipliers	Grids Activated
Rover					
N6NB/R	329,508	CD9EFGHIJ	360	113	11
W6XD/R	319,200	CD9EFGHIJ	353	112	11
W6TAI/R	301,620	CD9EFGHIJ	324	110	11
N6EY/R	253,914	CD9EFGHIJ	311	101	11
N2CEI	56,916	CD9EFGHI	228	36	8
W3HMS	28,755	CD9EFGHI	94	45	4
KCØP/R	22,155	CD9EFI	121	35	5
NN3Q	16,770	CD9EFGHI	60	43	2
WA2IID/R	13,386	CD9EFI	69	46	3
W1AUV/R	12,426	C D 9 E F I	66	38	2
Limited Rover					
K9JK/R	5,451	CDE	66	23	4
WW7D/R	5,136	CDE	93	16	6
WAØVPJ/R	3,366	CDE	57	17	4
AB2YI/R	510	CD	17	10	4
N6ZE/R	12	D	2	2	1
Unlimited Rover					
N3IQ/R	252,879	CD9EFGHIJ	375	97	6
WA3PTV	72,912	CD9EFGHI	169	62	4

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 Section)		Midwest Region	Midwest Region		West Coast Region					
						(Dakota, Midwest, Rocky Mountain and West Gulf Divisions; Manitoba and Saskatchewan Sections)		(Pacific, Northwestern and Southwestern Divisions; Alberta, British Columbia And NWT Sections)						
W3PAW	111,111	Α	W2BZY	24,111	Α	K2DRH	34,068	Α	W6OAL	4,620	Α	N6MU	36,036	Α
W3SZ	55,890	Α	N4QWZ	18,468	Α	W9SZ		Α	WØJT	1,596	Α	K6TSK	5,340	Α
K1KG	43,260	Α	NN4AA	2,835	Α	N9LB	4,374	Α	KKØQ	1,443	Α	KD7UO	3,564	Α
AF1T	40,887	Α	W4VND	1,890	Α	KF8QL	1,890	Α	WB5ZDP	900	Α	VE7FYC	3,249	Α
K2KIB	32,670	Α	K4FJW	1,452	Α	K8GDT	1,653	Α	NØTTW	561	Α	AF6RR	2,808	Α
K3TUF	167,076	В	KØVXM	55,296	В	VE3ZV	20,496	В	WØZQ	26,469	В	N7EPD	13,932	В
K1RZ	120,840	В	K4QI	10,260	В	K8TQK	16,929	В	K5LLL	1,728	В	K7ND	9,765	В
K3CB	56,619	В	KI4NPV	6,768	В	W9GA	7,776	В	KØAWU	1,350	В	KC6ZWT	3,150	В
WB2RVX	47,610	В	KN4SM	5,775	В	K2YAZ	6,720	В	WA7KYM	1,020	В	W7MEM	96	В
N2GHR	45,576	В	AA4DD	4,158	В	VA3ST	5,184	В	KC5MVZ	108	В			
K2LIM	19,581	M	AG4V	2,016	М	WØUC	31,293	М	KBØHH	9,801	M	NC6EO	198	М
NE1B	3,654	M	W4HXP	36	M	N2BJ	6,048	M						
						KO9A	2,709	M						
						WA4ZKO	12	М						
W3HMS	28,755	R	N2CEI/R	56,916	R	VE3CRU/R	5,301	R	KCØP/R	22,155	R	N6NB/R	329,508	R
NN3Q	16,770	R				NE8I/R	4,104	R	NØHZO/R	8,148	R	W6XD/R	319,200	R
WA2IID/R	13,386	R							WØZQ/R	2,214	R	W6TAI/R	301,620	R
W1AUV/R	12,426	R							WBØLJC/R	1,206	R	N6EY/R	253,914	R
												WB6BET/R	312	R
AB2YI/R	510	RL				K9JK/R	5,451	RL	WAØVPJ/R	3,366	RL	WW7D/R	5,136	
												N6ZE/R	12	RL
N3IQ/R	252,879	RU												
WA3PTV/R	72,912	RU												

2012 ARRL August UHF Contest – QSO Leaders

Single Operator Low Power		5.7 GHz		1.2 GHz	
			45		4.4
222 MHz		N6MU	15	K1RZ	41
W3PAW	54	W3PAW	10	K3TUF	40
AF1T	44	W3SZ	10	N2GHR	26
WB2SIH	44	W2BZY	4	W1ZC	20
K2KIB	40	K1KG	4	WØZQ	19
WB2JAY	33	AF1T	3	KØVXM	18
K1KG	32	K2KIB	1	WB2RVX	17
K2DRH	31	W6OAL	1	K3CB	17
W2YR	28	W6TAI	1	K7ND K4QI	13 13
N4QWZ	28	10 GHz		N4QI	13
N1GLT	28			2.3 GHz	
		N6MU	16		
432 MHz		W3PAW	7	K3TUF	19
W3PAW	57	AF1T	6	KØVXM	14
WB2SIH	53	W3SZ	6	K1RZ	12
K2KIB	47	K1KG	5	WB2RVX	10
WB2JAY	45	W2BZY W6OAL	4 3	N2GHR	9 8
K2DRH	44	W9SZ	1	K3CB VE3ZV	7
AF1T	41	VE7FYC	1	KI4NPV	6
N4QWZ	40	W6TAI	1	N7EPD	5
K1KG	38	W0174		WB4OMG	4
K6TSK	37	24 GHz		K1DS	4
KD7UO	30		_	WØZQ	4
		N6MU	4	K7ND	4
902 MHz		W2BZY	1		•
W3PAW	26	AF1T	1	3.4 GHz	
W3SZ	16	W6OAL	1	K3TUF	40
K2KIB	16	Light		KØVXM	16 13
N6MU	16	Light		WB2RVX	7
WB2JAY	16	W6OAL	1	WØZQ	6
AF1T	13			K3CB	6
K1KG	13			N7EPD	4
K2DRH	13	Single Operator High Power		WB4OMG	4
WB2SIH	12	222 MHz		K7ND	4
N4QWZ	9	Katur	00	K1DS	3
					_
1 2 GU-		K3TUF K1P7	62 50	N1GJ	3
1.2 GHz		K1RZ	59		3
K2DRH	23	K1RZ N2GHR	59 39	N1GJ 5.7 GHz	3
K2DRH W3PAW	22	K1RZ N2GHR WB2RVX	59 39 35	5.7 GHz	
K2DRH W3PAW K6TSK	22 21	K1RZ N2GHR WB2RVX WA3SRU	59 39 35 32	5.7 GHz K3TUF	15
K2DRH W3PAW K6TSK WB2JAY	22 21 19	K1RZ N2GHR WB2RVX	59 39 35	5.7 GHz	15 12
K2DRH W3PAW K6TSK WB2JAY K1KG	22 21 19 19	K1RZ N2GHR WB2RVX WA3SRU K3CB	59 39 35 32 30	5.7 GHz K3TUF K1RZ	15
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH	22 21 19 19 18	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM	59 39 35 32 30 26	5.7 GHz K3TUF K1RZ KØVXM	15 12 9 6 5
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ	22 21 19 19 18 17	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK	59 39 35 32 30 26 26	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX K14NPV	15 12 9 6 5
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB	22 21 19 19 18 17	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ	59 39 35 32 30 26 26 23	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND	15 12 9 6 5 4 2
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T	22 21 19 19 18 17 17	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ	59 39 35 32 30 26 26 23	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ	15 12 9 6 5 4 2 2
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB	22 21 19 19 18 17	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ	59 39 35 32 30 26 26 23	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ	15 12 9 6 5 4 2 2
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T N6MU	22 21 19 19 18 17 17	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ	59 39 35 32 30 26 26 23 21	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ	15 12 9 6 5 4 2 2 1 1
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T N6MU	22 21 19 19 18 17 17 16	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ 432 MHz K3TUF	59 39 35 32 30 26 26 23 21	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX K14NPV K7ND K2YAZ WØZQ N1GJ K1DS	15 12 9 6 5 4 2 2 1 1
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T N6MU 2.3 GHz	22 21 19 19 18 17 17 16 16	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ 432 MHz K3TUF K1RZ	59 39 35 32 30 26 26 23 21	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ	15 12 9 6 5 4 2 2 1 1
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T N6MU 2.3 GHz W3PAW N6MU	22 21 19 19 18 17 17 16 16	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ 432 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC	59 39 35 32 30 26 26 23 21 72 71 46 45 40	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD	15 12 9 6 5 4 2 2 1 1
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T N6MU 2.3 GHz W3PAW N6MU W3SZ	22 21 19 19 18 17 17 16 16	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ 432 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC K3CB	59 39 35 32 30 26 26 23 21 72 71 46 45 40 37	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD	15 12 9 6 5 4 2 2 1 1 1
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T N6MU 2.3 GHz W3PAW N6MU W3SZ	22 21 19 19 18 17 17 16 16	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ 432 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC K3CB WA3SRU	59 39 35 32 30 26 26 23 21 72 71 46 45 40 37 35	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM	15 12 9 6 5 4 2 2 1 1 1
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T N6MU 2.3 GHz W3PAW N6MU W3SZ W2BZY AF1T	22 21 19 19 18 17 17 16 16 11 17 16 11	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ 432 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC K3CB WA3SRU K4QI	59 39 35 32 30 26 26 23 21 72 71 46 45 40 37 35 32	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM K3CB	15 12 9 6 5 4 2 2 1 1 1 1
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T N6MU 2.3 GHz W3PAW N6MU W3SZ	22 21 19 19 18 17 17 16 16 11 10 8 7	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ 432 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC K3CB WA3SRU K4QI N7EPD	59 39 35 32 30 26 26 23 21 72 71 46 45 40 37 35 32 31	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM K3CB W1FKF	15 12 9 6 5 4 2 2 1 1 1 1 1
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T N6MU 2.3 GHz W3PAW N6MU W3SZ W2BZY AF1T NN4AA	22 21 19 19 18 17 17 16 16 11 17 16 11	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ 432 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC K3CB WA3SRU K4QI	59 39 35 32 30 26 26 23 21 72 71 46 45 40 37 35 32	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM K3CB W1FKF N1GJ	15 12 9 6 5 4 2 2 1 1 1 1 5 5 4
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T N6MU 2.3 GHz W3PAW N6MU W3SZ W2BZY AF1T NN4AA K1KG	22 21 19 19 18 17 17 16 16 11 10 8 7 6 5 3	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ 432 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC K3CB WA3SRU K4QI N7EPD K8TQK	59 39 35 32 30 26 26 23 21 72 71 46 45 40 37 35 32 31	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM K3CB W1FKF N1GJ K1GJ K1GJ	15 12 9 6 5 4 2 2 1 1 1 1 1 5 5 4 4 4 2 4 4 4 4 4 4 4 4 4 4 1 1 1 1 1 1
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T N6MU 2.3 GHz W3PAW N6MU W3SZ W2BZY AF1T NN4AA K1KG W4VND W6OAL K2DRH	22 21 19 18 17 17 16 16 11 10 8 7 6 5 3 2	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ 432 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC K3CB WA3SRU K4QI N7EPD K8TQK	59 39 35 32 30 26 26 23 21 72 71 46 45 40 37 35 32 31 31	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM K3CB W1FKF N1GJ KI4NPV K1RZ	15 12 9 6 5 4 2 2 1 1 1 1 5 5 4 4 2 2 4 2 4 2 4 4 2 4 4 4 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T N6MU 2.3 GHZ W3PAW N6MU W3SZ W2BZY AF1T NN4AA K1KG W4VND W6OAL K2DRH K2KIB	22 21 19 19 18 17 17 16 16 11 10 8 7 6 5 3 2 2	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ 432 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC K3CB WA3SRU K4QI N7EPD K8TQK	59 39 35 32 30 26 26 23 21 72 71 46 45 40 37 35 32 31 31	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM K3CB W1FKF N1GJ K1ANPV K1RZ K2YAZ	15 12 9 6 5 4 2 2 1 1 1 1 1 5 4 4 2 2 2 2 4 4 4 2 2 2 2 2 2 2 1 1 1 1
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T N6MU 2.3 GHz W3PAW N6MU W3SZ W2BZY AF1T NN4AA K1KG W4VND W6OAL K2DRH	22 21 19 18 17 17 16 16 11 10 8 7 6 5 3 2	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ 432 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC K3CB WA3SRU K4QI N7EPD K8TQK 902 MHz K3TUF K1RZ	59 39 35 32 30 26 26 23 21 72 71 46 45 40 37 35 32 31 31	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM K3CB W1FKF N1GJ KIANPV K1RZ K2YAZ	15 12 9 6 5 4 2 2 1 1 1 1 1 5 4 4 2 2 1 1 1 1
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T N6MU 2.3 GHZ W3PAW N6MU W3SZ W2BZY AF1T NN4AA K1KG W4VND W6OAL K2DRH K2KIB K4FJW	22 21 19 19 18 17 17 16 16 11 10 8 7 6 5 3 2 2	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ 432 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC K3CB WA3SRU K4QI N7EPD K8TQK 902 MHz K3TUF K1RZ N2GHR	59 39 35 32 30 26 26 23 21 72 71 46 45 40 37 35 32 31 31 31	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM K3CB W1FKF N1GJ K1ANPV K1RZ K2YAZ	15 12 9 6 5 4 2 2 1 1 1 1 1 5 4 4 2 2 2 2 4 4 4 2 2 2 2 2 2 2 1 1 1 1
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T N6MU 2.3 GHZ W3PAW N6MU W3SZ W2BZY AF1T NN4AA K1KG W4VND W6OAL K2DRH K2KIB	22 21 19 19 18 17 17 16 16 11 10 8 7 6 5 3 2 2	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ 432 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC K3CB WA3SRU K4QI N7EPD K8TQK 902 MHz K3TUF K1RZ N2GHR WB2RVX	59 39 35 32 30 26 26 23 21 72 71 46 45 40 37 35 32 31 31 31	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM K3CB W1FKF N1GJ KIANPV K1RZ K2YAZ	15 12 9 6 5 4 2 2 1 1 1 1 5 5 4 4 2 2 1 1 1 1 1
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T N6MU 2.3 GHZ W3PAW N6MU W3SZ W2BZY AF1T NN4AA K1KG W4VND W6OAL K2DRH K2KIB K4FJW	22 21 19 19 18 17 17 16 16 11 10 8 7 6 5 3 2 2	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ 432 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC K3CB WA3SRU K4QI N7EPD K8TQK W8TQK	59 39 35 32 30 26 26 23 21 72 71 46 45 40 37 35 32 31 31 31	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM K3CB W1FKF N1GJ K1ANPV K1RZ K2YAZ	15 12 9 6 5 4 2 2 1 1 1 1 5 5 4 4 2 2 1 1 1 1 1
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T N6MU 2.3 GHz W3PAW N6MU W3SZ W2BZY AF1T NN4AA K1KG W4VND W6OAL K2DRH K2KIB K4FJW 3.4 GHz	22 21 19 19 18 17 17 16 16 11 10 8 7 6 5 3 2 2 2	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ 432 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC K3CB WA3SRU K4QI N7EPD K8TQK 902 MHz K3TUF K1RZ N2GHR	59 39 35 32 30 26 26 23 21 72 71 46 45 40 37 35 32 31 31 31 30 19 16 16 16	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM K3CB W1FKF N1GJ KI4NPV K1RZ K2YAZ KØAWU K1DS WØZQ K1RZ KØAWU K1DS	15 12 9 6 5 4 2 2 1 1 1 1 5 5 4 4 2 2 1 1 1 1
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T N6MU 2.3 GHz W3PAW N6MU W3SZ W2BZY AF1T NN4AA K1KG W4VND W6OAL K2DRH K2KIB K4FJW 3.4 GHz N6MU	22 21 19 19 18 17 17 16 16 11 10 8 7 6 5 3 2 2 2	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ 432 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC K3CB WA3SRU K4QI N7EPD K8TQK 902 MHz K3TUF K1RZ N2GHR WØZQ K3CB WA3SRU K4QI N7EPD K8TQK	59 39 35 32 30 26 26 23 21 72 71 46 45 40 37 35 32 31 31 31 30 19 16 16 14 14	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM K3CB W1FKF N1GJ K14NPV K1RZ K2YAZ KØAWU K1DS WØZQ	15 12 9 6 5 4 2 2 1 1 1 1 5 5 4 4 2 2 1 1 1 1 1
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T N6MU 2.3 GHz W3PAW N6MU W3SZ W2BZY AF1T NN4AA K1KG W4VND W6OAL K2DRH K2KIB K4FJW 3.4 GHz N6MU W3PAW W2BZY W3PAW	22 21 19 19 18 17 16 16 11 10 8 7 6 5 3 2 2 2 2	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ 432 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC K3CB WA3SRU K4QI N7EPD K8TQK 902 MHz K3TUF K1RZ N2GHR WØZQ K3CB WA3SRU K4QI N7EPD K8TQK	59 39 35 32 30 26 26 23 21 72 71 46 45 40 37 35 32 31 31 31 30 19 16 16 16 14 14 12	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM K3CB W1FKF N1GJ KI4NPV K1RZ K2YAZ KØAWU K1DS WØZQ	15 12 9 6 5 4 2 2 1 1 1 1 1 5 5 4 4 2 2 1 1 1 1 1 1
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T N6MU 2.3 GHZ W3PAW N6MU W3SZ W2BZY AF1T NN4AA K1KG W4VND W6OAL K2DRH K2KIB K4FJW 3.4 GHZ N6MU W3PAW W2BZY W3PAW N6MU W3PAW	22 21 19 19 18 17 16 16 11 10 8 7 6 5 3 2 2 2 2 2	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ 432 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC K3CB WA3SRU K4QI N7EPD K8TQK 902 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC K3CB WA3SRU K4QI N7EPD K8TQK	59 39 35 32 30 26 26 23 21 72 71 46 45 40 37 35 32 31 31 31 30 19 16 16 14 14 12 9	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM K3CB W1FKF N1GJ K14NPV K1RZ K2YAZ KØAWU K1DS WØZQ	15 12 9 6 5 4 2 2 1 1 1 1 5 5 4 4 2 2 1 1 1 1 1
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T N6MU 2.3 GHz W3PAW N6MU W3SZ W2BZY AF1T NN4AA K1KG W4VND W6OAL K2DRH K2KIB K4FJW 3.4 GHz N6MU W3PAW W2BZY N6MU W3PAW ACTOR AC	22 21 19 19 18 17 16 16 11 10 8 7 6 5 3 2 2 2 2 16 16 10 10 10 10 10 10 10 10 10 10 10 10 10	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ 432 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC K3CB WA3SRU K4QI N7EPD K8TQK 902 MHz K3TUF K1RZ N2GHR WØZQ K3CB WA3SRU K4QI N7EPD K8TQK	59 39 35 32 30 26 26 23 21 72 71 46 45 40 37 35 32 31 31 31 30 19 16 16 16 14 14 12	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM K3CB W1FKF N1GJ KI4NPV K1RZ K2YAZ KØAWU K1DS WØZQ	15 12 9 6 5 4 2 2 1 1 1 1 1 5 5 4 4 2 2 1 1 1 1 1 1
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T N6MU 2.3 GHz W3PAW N6MU W3SZ W2BZY AF1T NN4AA K1KG W4VND W6OAL K2DRH K2KIB K4FJW 3.4 GHz N6MU W3PAW W2BZY W3PAW W4WA N6MU W4WA N6MU W4WA N6MU W4VND W6OAL K2DRH K2KIB K4FJW 3.4 GHZ N6MU W3PAW W2BZY W3SZ NN4AA AF1T W4VND	22 21 19 19 18 17 16 16 11 10 8 7 6 5 3 2 2 2 2 2	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ 432 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC K3CB WA3SRU K4QI N7EPD K8TQK 902 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC K3CB WA3SRU K4QI N7EPD K8TQK	59 39 35 32 30 26 26 23 21 72 71 46 45 40 37 35 32 31 31 31 30 19 16 16 14 14 12 9	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM K3CB W1FKF N1GJ KI4NPV K1RZ K2YAZ KØAWU K1DS WØZQ	15 12 9 6 5 4 2 2 1 1 1 1 1 5 5 4 4 2 2 1 1 1 1 1 1
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T N6MU 2.3 GHz W3PAW N6MU W3SZ W2BZY AF1T NN4AA K1KG W4VND W6OAL K2DRH K2KIB K4FJW 3.4 GHz N6MU W3PAW W2BZY W3PAW W2BZY W4VND W6OAL K2DRH K2KIB K4FJW	22 21 19 19 18 17 16 16 11 10 8 7 6 5 3 2 2 2 2 2	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ 432 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC K3CB WA3SRU K4QI N7EPD K8TQK 902 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC K3CB WA3SRU K4QI N7EPD K8TQK	59 39 35 32 30 26 26 23 21 72 71 46 45 40 37 35 32 31 31 31 30 19 16 16 14 14 12 9	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM K3CB W1FKF N1GJ KI4NPV K1RZ K2YAZ KØAWU K1DS WØZQ	15 12 9 6 5 4 2 2 1 1 1 1 1 5 5 4 4 2 2 1 1 1 1 1 1
K2DRH W3PAW K6TSK WB2JAY K1KG WB2SIH W3SZ K2KIB AF1T N6MU 2.3 GHz W3PAW N6MU W3SZ W2BZY AF1T NN4AA K1KG W4VND W6OAL K2DRH K2KIB K4FJW 3.4 GHz N6MU W3PAW W2BZY W3PAW W4WA N6MU W4WA N6MU W4WA N6MU W4VND W6OAL K2DRH K2KIB K4FJW 3.4 GHZ N6MU W3PAW W2BZY W3SZ NN4AA AF1T W4VND	22 21 19 19 18 17 16 16 11 10 8 7 6 5 3 2 2 2 2 2	K1RZ N2GHR WB2RVX WA3SRU K3CB KN4SM K8TQK WØZQ N1JEZ 432 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC K3CB WA3SRU K4QI N7EPD K8TQK 902 MHz K3TUF K1RZ N2GHR WB2RVX W1ZC K3CB WA3SRU K4QI N7EPD K8TQK	59 39 35 32 30 26 26 23 21 72 71 46 45 40 37 35 32 31 31 31 30 19 16 16 14 14 12 9	5.7 GHz K3TUF K1RZ KØVXM K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM K3CB W1FKF N1GJ KI4NPV K1RZ K2YAZ KØAWU K1DS WØZQ	15 12 9 6 5 4 2 2 1 1 1 1 1 5 5 4 4 2 2 1 1 1 1 1 1

2012 ARRL August UHF Contest – QSO Leaders

Multioperator		902 MHz		Rover Limited	
·-			20		
222 MHz		N6NB	38	222 MHz	
WØUC	42	N6EY	37	WW7D	32
K2LIM	37	W6TAI	37	K9JK	26
NE1B	30	W6XD	37	WAØVPJ	20
КВФНН	24	N2CEI	19	AB2YI	5
N2BJ	20	KCØP	17		_
KO9A	13	NØHZO	11	432 MHz	
AG4V	5	W1AUV	10		
NC6EO	3	W3HMS	9	WW7D	47
110020	J	NN3Q	8	WAØVPJ	28
432 MHz				K9JK	27
		1.2 GHz		AB2YI	12
WØUC	45	N6NB	46	N6ZE	2
K2LIM	36	W6XD	44		
KBØHH	35	N2CEI	40	1.2 GHz	
N2BJ	28	N6EY	37	WW7D	14
NE1B	28				
KO9A	12	W6TAI	37	K9JK	13
AG4V	11	KCØP	19	WAØVPJ	9
NC6EO	8	W1AUV	15		
W4HXP	3	VE3CRU	13		
WA4ZKO	2	NØHZO	12	Rover Unlimited	
	=	W3HMS	11	222 MHz	
902 MHz					
		2.3 GHz		N3IQ	71
WØUC	16	N6NB	38	WA3PTV	33
KBØHH	8	N6EY	36 37		
K2LIM	5	W6TAI	37 37	432 MHz	
AG4V	3	W6XD	37 37	N3IQ	72
KO9A	2		28	WA3PTV	33
		N2CEI		WASPIV	33
1.2 GHz		W3HMS	11	000 1411-	
Mario	00	NN3Q	6	902 MHz	
WØUC	26	VE3CRU	5	N3IQ	53
KBØHH	12	KCØP	4	WA3PTV	22
N2BJ	12	NØHZO	3		
K2LIM	10	WA2IID	3	1.2 GHz	
KO9A	7			NOIO	40
AG4V	3	3.4 GHz		N3IQ	48
		N6NB	38	WA3PTV	21
2.3 GHz		N6EY	37		
AG4V	1	W6TAI	37	2.3 GHz	
K2LIM	1	W6XD	37	N3IQ	37
T CELIWI	•	N2CEI	25	WA3PTV	19
10 GHz		W3HMS	10	***************************************	10
		NN3Q	5	3.4 GHz	
W3SZ	2	NE8I	3		
		VE3CRU	1	N3IQ	34
		VESCINO	•	WA3PTV	16
Rover		5.7 GHz			
222 MHz		3.7 GHZ		5.7 GHz	
222 WII 12		N6NB	38	N3IQ	32
N6NB	49	W6TAI	37	WA3PTV	14
W6XD	43	W6XD	37	WASFIV	14
N6EY	38	N6EY	36	40 CU-	
W6TAI	37	N2CEI	13	10 GHz	
N2CEI	31	W3HMS	6	N3IQ	22
KCØP	28	NN3Q	4	WA3PTV	11
WA2IID	27	WØZQ	4		
W3HMS	21	NE8I	2	24 GHz	
NØHZO	17			Naio	0
NN3Q	14	10 GHz		N3IQ	6
W1AUV	14				
-		N6NB	38		
432 MHz		N6EY	37		
		W6TAI	37		
N2CEI	58	W6XD	37		
W6XD	57	KCØP	14		
N6NB	51	N2CEI	14		
N6EY	48	WØZQ	13		
W6TAI	41	WBØLJC	13		
KCØP	39	W3HMS	6		
WA2IID	26	W1AUV	5		
W1AUV	21				
W3HMS	20	24 GHz			
NØHZO	18		24		
VE3CRU	18	N6NB			
		W6TAI	24		
		W6XD	24		
		N6EY	4		
		NE8I	2		

2012 ARRL August UHF Contest – Multiplier Leaders

Single Operator Low Power		5.7 GHz		1.2 GHz	
222 MHz		W3SZ	6	K3TUF	20
		W3PAW	5	K1RZ	20
W3PAW	25	N6MU	4	N2GHR	15
K2KIB	20 19	K1KG	4	K3CB	13
WB2SIH N4QWZ	18	W2BZY	3	K4QI	11
K2DRH	17	AF1T	2	WB2RVX	11
AF1T	16	K2KIB	1	K8TQK	10
W3SZ	16	W6OAL	1	VE3ZV	10
K1KG	16	W6TAI	1	WØZQ	9
W2YR	13	40.011		KØVXM	8
WB2JAY	13	10 GHz		W1ZC	8
		N6MU	4	2.3 GHz	
432 MHz		AF1T	4		
W3PAW	25	W3SZ	4	K3TUF	9
N4QWZ	24	K1KG	4	KØVXM	8
K2DRH	21	W2BZY	3 3	N2GHR K1RZ	7 7
K2KIB	21	W3PAW W6OAL	1	WB2RVX	6
WB2SIH	18	W6TAI	i	K3CB	6
W3SZ	15	VE7FYC	1	VE3ZV	6
WB2JAY	15	W9SZ	1	WB4OMG	4
K1KG AF1T	15			KI4NPV	4
KA3HED	13 13	24 GHz		K1DS	3
NASITED	13	N6MU	1	N7EPD	3
902 MHz		W2BZY	i	WØZQ	3
	40	AF1T	i	2.4.011	
K2DRH K2KIB	12 11	W6OAL	1	3.4 GHz	
WB2JAY	11			KØVXM	8
K1KG	11	Light		K3TUF	6
W3PAW	10	W6OAL	1	WB2RVX	5
WB2SIH	9	***************************************	•	WØZQ	5
W3SZ	8			K3CB	5
AF1T	8	Single Operator High Do	1110	WB4OMG K1DS	4 2
N4QWZ	7	Single Operator High Po	wei	K2YAZ	2
WA2VNV	5	222 MHz		K5LLL	2
W2BZY	5	K3TUF	31	K7ND	2 2
4.2.CU=		K1RZ	26	N1GJ	2
1.2 GHz		N2GHR	26 19	N1GJ N7EPD	2 2
K2DRH	13	N2GHR K8TQK	26 19 19	N7EPD	2 2
K2DRH K1KG	12	N2GHR K8TQK K3CB	26 19 19 17		2 2
K2DRH K1KG K2KIB	12 11	N2GHR K8TQK K3CB KN4SM	26 19 19 17 17	N7EPD	2
K2DRH K1KG K2KIB WB2SIH	12 11 11	N2GHR K8TQK K3CB KN4SM WB2RVX	26 19 19 17 17	N7EPD 5.7 GHz KØVXM K1RZ	2 8 8
K2DRH K1KG K2KIB WB2SIH WB2JAY	12 11 11 11	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU	26 19 19 17 17 17	N7EPD 5.7 GHz KØVXM K1RZ K3TUF	2 8 8 8
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ	12 11 11 11 9	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI	26 19 19 17 17 17 15	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB	8 8 8 6
K2DRH K1KG K2KIB WB2SIH WB2JAY	12 11 11 11	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU	26 19 19 17 17 17	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX	8 8 8 6 4
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW	12 11 11 11 9 8	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI	26 19 19 17 17 17 15	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KI4NPV	8 8 8 6 4 3
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with	12 11 11 11 9 8 8 7 6	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV	26 19 19 17 17 17 15 15	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KIANPV K7ND	8 8 8 6 4 3 2
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with AF1T, K6TSK, KD7UO, N9	12 11 11 11 9 8 8 7 6	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF	26 19 19 17 17 17 15 15	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KI4NPV K7ND K2YAZ	8 8 8 6 4 3 2 2
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with	12 11 11 11 9 8 8 7 6	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF K1RZ	26 19 19 17 17 17 15 15	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KIANPV K7ND K2YAZ WØZQ	8 8 8 6 4 3 2 2
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with AF1T, K6TSK, KD7UO, N9 NY2NY, W9SZ, WA2VNV	12 11 11 11 9 8 8 7 6	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF K1RZ K8TQK K4QI	26 19 19 17 17 17 15 15 15	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS	8 8 8 6 4 3 2 2
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with AF1T, K6TSK, KD7UO, N9 NY2NY, W9SZ, WA2VNV	12 11 11 11 9 8 8 7 6 LB,	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF K1RZ K8TQK K4QI K3CB	26 19 19 17 17 17 15 15 15 28 28 21 19	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ	8 8 8 6 4 3 2 2 1 1
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with AF1T, K6TSK, KD7UO, N9 NY2NY, W9SZ, WA2VNV 2.3 GHz W3PAW	12 11 11 11 9 8 8 7 6 LB,	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF K1RZ K8TQK K4QI K3CB N2GHR	26 19 19 17 17 17 15 15 15 28 28 21 19 19	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KIANPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD	8 8 8 6 4 3 2 2 1 1 1
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with AF1T, K6TSK, KD7UO, N9 NY2NY, W9SZ, WA2VNV 2.3 GHz W3PAW W2BZY	12 11 11 11 9 8 8 7 6 LB,	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF K1RZ K8TQK K4QI K3CB N2GHR KN4SM	26 19 19 17 17 17 15 15 15 28 28 21 19 19	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS	8 8 8 6 4 3 2 2 1 1 1
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with AF1T, K6TSK, KD7UO, N9 NY2NY, W9SZ, WA2VNV 2.3 GHz W3PAW W2BZY AF1T	12 11 11 11 9 8 8 7 6 LB,	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF K1RZ K8TQK K4QI K3CB N2GHR KN4SM WB2RVX	26 19 19 17 17 17 15 15 15 28 28 21 19 19 18 18	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KIANPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD	2 8 8 8 6 4 3 2 2 1 1 1
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with AF1T, K6TSK, KD7UO, N9 NY2NY, W9SZ, WA2VNV 2.3 GHz W3PAW W2BZY AF1T W3SZ	12 11 11 11 9 8 8 7 6 LB,	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF K1RZ K8TQK K4QI K3CB N2GHR KN4SM WB2RVX VA3ST	26 19 19 17 17 17 15 15 15 15 19 19 19 18 18 18 17	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD	8 8 8 6 4 3 2 2 1 1 1 1
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with AF1T, K6TSK, KD7UO, N9 NY2NY, W9SZ, WA2VNV 2.3 GHz W3PAW W2BZY AF1T W3SZ K1KG	12 11 11 11 9 8 8 7 6 LB,	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF K1RZ K8TQK K4QI K3CB N2GHR KN4SM WB2RVX VA3ST VE3ZV	26 19 19 17 17 17 15 15 15 15 15 17 19 18 18 18 17 17	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM W1FKF K3CB	8 8 8 8 6 4 3 2 2 1 1 1 1 1 8 5 4
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with AF1T, K6TSK, KD7UO, N9 NY2NY, W9SZ, WA2VNV 2.3 GHz W3PAW W2BZY AF1T W3SZ K1KG W4VND	12 11 11 11 9 8 8 7 6 LB,	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF K1RZ K8TQK K4QI K3CB N2GHR KN4SM WB2RVX VA3ST	26 19 19 17 17 17 15 15 15 15 19 19 19 18 18 18 17	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHZ KØVXM W1FKF K3CB K14NPV	8 8 8 8 6 4 3 2 2 1 1 1 1 1 8 5 4 3 3
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with AF1T, K6TSK, KD7UO, N9 NY2NY, W9SZ, WA2VNV 2.3 GHz W3PAW W2BZY AF1T W3SZ K1KG	12 11 11 11 9 8 8 7 6 LB,	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF K1RZ K8TQK K4QI K3CB N2GHR KN4SM WB2RVX VA3ST VE3ZV WA3SRU	26 19 19 17 17 17 15 15 15 15 15 17 19 18 18 18 17 17	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX K1MNPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM W1FKF K3CB K14NPV K1RZ	8 8 8 8 6 4 3 2 2 1 1 1 1 1 8 5 4 3 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with AF1T, K6TSK, KD7UO, N9 NY2NY, W9SZ, WA2VNV 2.3 GHz W3PAW W2BZY AF1T W3SZ K1KG W4VND NN4AA	12 11 11 11 9 8 8 7 6 LB,	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF K1RZ K8TQK K4QI K3CB N2GHR KN4SM WB2RVX VA3ST VE3ZV WA3SRU	26 19 19 17 17 17 15 15 15 28 28 21 19 19 18 18 17 15 15	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM W1FKF K3CB KI4NPV K1RZ N1GJ	8 8 8 8 6 4 3 2 2 1 1 1 1 1 8 5 4 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
K2DRH K1KG K2KIB WB2SIH WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with AF1T, K6TSK, KD7UO, N9 NY2NY, W9SZ, WA2VNV 2.3 GHz W3PAW W2BZY AF1T W3SZ K1KG W4VND NN4AA N6MU W6OAL K2KIB	12 11 11 11 9 8 8 7 6 LB,	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF K1RZ K8TQK K4QI K3CB N2GHR KN4SM WB2RVX VA3ST VE3ZV WA3SRU	26 19 19 17 17 17 15 15 15 28 28 21 19 19 19 18 18 17 15 15	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM W1FKF K3CB KI4NPV K1RZ N1GJ K1DS	8 8 8 8 6 4 3 2 2 1 1 1 1 1 8 5 4 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with AF1T, K6TSK, KD7UO, N9 NY2NY, W9SZ, WA2VNV 2.3 GHz W3PAW W2BZY AF1T W3SZ K1KG W4VND NN4AA N6MU W6OAL	12 11 11 11 9 8 8 7 6 LB,	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF K1RZ K8TQK K4QI K3CB N2GHR KN4SM WB2RVX VA3ST VE3ZV WA3SRU 902 MHz K3TUF K1RZ	26 19 19 17 17 17 15 15 15 15 15 19 19 18 18 17 15 15 15	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM W1FKF K3CB KI4NPV K1RZ N1GJ K1RZ N1GJ	8 8 8 8 6 4 3 2 2 1 1 1 1 1 8 5 4 3 2 2 2 1 1
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with AF1T, K6TSK, KD7UO, N9 NY2NY, W9SZ, WA2VNV 2.3 GHz W3PAW W2BZY AF1T W3SZ K1KG W4VND NN4AA N6MU W6OAL K2KIB K2DRH	12 11 11 11 9 8 8 7 6 LB,	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF K1RZ K8TQK K4QI K3CB N2GHR KN4SM WB2RVX VA3ST VE3ZV WA3SRU	26 19 19 17 17 17 15 15 15 28 28 21 19 19 19 18 18 17 15 15	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM W1FKF K3CB KI4NPV K1RZ N1GJ K1DS	8 8 8 8 6 4 3 2 2 1 1 1 1 1 8 5 4 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with AF1T, K6TSK, KD7UO, N9 NY2NY, W9SZ, WA2VNV 2.3 GHz W3PAW W2BZY AF1T W3SZ K1KG W4VND NN4AA N6MU W6OAL K2KIB K2DRH 3.4 GHz	12 11 11 11 9 8 8 7 6 LB,	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF K1RZ K8TQK K4QI K3CB N2GHR KN4SM WB2RVX VA3ST VE3ZV WA3SRU 902 MHz K3TUF K1RZ K3TUF K1RZ	26 19 19 17 17 17 15 15 15 28 28 21 19 19 19 18 18 17 15 15	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KIANPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM W1FKF K3CB KIANPV K1RZ N1GJ K2YAZ KØAWU K1DS WØZQ	8 8 8 8 6 4 3 2 2 1 1 1 1 1 8 5 4 3 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with AF1T, K6TSK, KD7UO, N9 NY2NY, W9SZ, WA2VNV 2.3 GHz W3PAW W2BZY AF1T W3SZ K1KG W4VND NN4AA N6MU W6OAL K2KIB K2DRH 3.4 GHz W2BZY	12 11 11 11 9 8 8 7 6 LB,	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF K1RZ K8TQK K4QI K3CB N2GHR KN4SM WB2RVX VA3ST VE3ZV WA3SRU 63TUF K1RZ K8TQK K4QI K3CB N2GHR KN4SM WB2RVX VA3ST VE3ZV WA3SRU	26 19 19 17 17 15 15 15 15 15 15 19 19 18 18 17 15 15 15 15	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX K14NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM W1FKF K3CB K14NPV K1RZ N1GJ K2YAZ	8 8 8 8 6 4 3 2 2 1 1 1 1 1 8 5 4 3 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with AF1T, K6TSK, KD7UO, N9 NY2NY, W9SZ, WA2VNV 2.3 GHz W3PAW W2BZY AF1T W3SZ K1KG W4VND NN4AA N6MU W6OAL K2KIB K2DRH 3.4 GHz W2BZY W3PAW	12 11 11 11 9 8 8 7 6 LB, 8 7 6 6 4 4 4 2 2 2 2	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF K1RZ K8TQK K4QI K3CB N2GHR KN4SM WB2RVX VA3ST VE3ZV WA3SRU 902 MHz K3TUF K1RZ N2GHR K3CB N2GHR K3CB	26 19 19 17 17 17 15 15 15 15 19 19 18 18 17 15 15 15 15	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KIMNPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM W1FKF K3CB KI4NPV K1RZ N1GJ K2YAZ KØAWU K1DS WØZQ	8 8 8 8 6 4 3 2 2 1 1 1 1 1 1 1 1 1
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with AF1T, K6TSK, KD7UO, N9 NY2NY, W9SZ, WA2VNV 2.3 GHz W3PAW W2BZY AF1T W3SZ K1KG W4VND NN4AA N6MU W6OAL K2KIB K2DRH 3.4 GHz W2BZY W3PAW W2BZY W3PAW	12 11 11 11 9 8 8 7 6 LB, 8 7 6 6 4 4 4 2 2 2	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF K1RZ K8TQK K4QI K3CB N2GHR KN4SM WB2RVX VA3ST VE3ZV WA3SRU 902 MHz K3TUF K1RZ K3TUF K1RZ V2GHR KN4SM WB2RVX VA3ST VE3ZV WA3SRU	26 19 19 17 17 17 15 15 15 28 28 21 19 18 18 17 15 15 15	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KIANPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM W1FKF K3CB KIANPV K1RZ N1GJ K2YAZ KØAWU K1DS WØZQ	8 8 8 8 6 4 3 2 2 1 1 1 1 1 8 5 4 3 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
K2DRH K1KG K2KIB WB2SIH WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with AF1T, K6TSK, KD7UO, N9 NY2NY, W9SZ, WA2VNV 2.3 GHz W3PAW W2BZY AF1T W3SZ K1KG W4VND NN4AA N6MU W6OAL K2KIB K2DRH 3.4 GHz W2BZY W3PAW W3SZ NN4AA	12 11 11 11 9 8 8 7 6 LB,	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF K1RZ K8TQK K4QI K3CB N2GHR KN4SM WB2RVX VA3ST VE3ZV WA3SRU 902 MHz K3TUF K1RZ N2GHR K3CB VE3ZV WB2RVX VASSRU	26 19 19 17 17 17 15 15 15 15 15 19 19 18 18 17 15 15 15 15 15 15	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM W1FKF K3CB KI4NPV K1RZ N1GJ K2YAZ KØAWU K1DS WØZQ	8 8 8 8 6 4 3 2 2 1 1 1 1 1 1 1 1 1 1 2 2 2 1 1 1 1
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with AF1T, K6TSK, KD7UO, N9 NY2NY, W9SZ, WA2VNV 2.3 GHz W3PAW W2BZY AF1T W3SZ K1KG W4VND NN4AA N6MU W6OAL K2KIB K2DRH 3.4 GHz W2BZY W3PAW W3SZ NN4AA N6MU W3SZ NN4AA	12 11 11 11 9 8 8 7 6 LB, 8 7 6 6 4 4 4 2 2 2 2	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF K1RZ K8TQK K4QI K3CB N2GHR KN4SM WB2RVX VA3ST VE3ZV WA3SRU 902 MHz K3TUF K1RZ K3TUF K1RZ V2GHR KN4SM WB2RVX VA3ST VE3ZV WA3SRU	26 19 19 17 17 17 15 15 15 28 28 21 19 18 18 17 15 15 15	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM W1FKF K3CB KI4NPV K1RZ N1GJ K1DS N7EPD 24 GHz K2YAZ K2YAZ K4NPV	8 8 8 8 6 4 3 2 2 1 1 1 1 1 1 1 2 2 2 1 1 1 1 1
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with AF1T, K6TSK, KD7UO, N9 NY2NY, W9SZ, WA2VNV 2.3 GHz W3PAW W2BZY AF1T W3SZ K1KG W4VND NN4AA N6MU W6OAL K2KIB K2DRH 3.4 GHz W2BZY W3PAW W3SZ N4AA N6MU AF1T	12 11 11 11 9 8 8 7 6 6 6 4 4 4 2 2 2 7 7 5 4 4 3	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF K1RZ K8TQK K4QI K3CB N2GHR KN4SM WB2RVX VA3ST VE3ZV WA3SRU 902 MHz K3TUF K1RZ N2GHR K3CB VE3ZV WB2RVX VASSRU	26 19 19 17 17 17 15 15 15 15 15 19 19 18 18 17 15 15 15 15 15 15	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM W1FKF K3CB KI4NPV K1RZ N1GJ K1DS N7EPD 24 GHz K2YAZ K2YAZ K4NPV	8 8 8 8 6 4 3 2 2 1 1 1 1 1 1 1 2 2 2 1 1 1 1 1
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with AF1T, K6TSK, KD7UO, N9 NY2NY, W9SZ, WA2VNV 2.3 GHz W3PAW W2BZY AF1T W3SZ K1KG W4VND NN4AA N6MU W6OAL K2KIB K2DRH 3.4 GHz W2BZY W3PAW W3SZ NN4AA N6MU W3SZ NN4AA	12 11 11 11 9 8 8 7 6 8 7 6 6 4 4 4 2 2 2 2	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF K1RZ K8TQK K4QI K3CB N2GHR KN4SM WB2RVX VA3ST VE3ZV WA3SRU 902 MHz K3TUF K1RZ N2GHR K3CB VE3ZV WB2RVX VASSRU	26 19 19 17 17 17 15 15 15 15 15 19 19 18 18 17 15 15 15 15 15 15	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM W1FKF K3CB KI4NPV K1RZ N1GJ K1DS N7EPD 24 GHz K2YAZ K2YAZ K4NPV	8 8 8 8 6 4 3 2 2 1 1 1 1 1 1 1 2 2 2 1 1 1 1 1
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with AF1T, K6TSK, KD7UO, N9 NY2NY, W9SZ, WA2VNV 2.3 GHz W3PAW W2BZY AF1T W3SZ K1KG W4VND NN4AA N6MU W6OAL K2KIB K2DRH 3.4 GHz W2BZY W3PAW W3SZ NN4AA N6MU AF1T W4VND	12 11 11 11 9 8 8 7 6 6 6 6 4 4 4 2 2 2 7 7 5 4 4 3 3 3 3 3 3 2	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF K1RZ K8TQK K4QI K3CB N2GHR KN4SM WB2RVX VA3ST VE3ZV WA3SRU 902 MHz K3TUF K1RZ N2GHR K3CB VE3ZV WB2RVX VASSRU	26 19 19 17 17 17 15 15 15 15 15 19 19 18 18 17 15 15 15 15 15 15	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM W1FKF K3CB KI4NPV K1RZ N1GJ K1DS N7EPD 24 GHz K2YAZ K2YAZ K4NPV	8 8 8 8 6 4 3 2 2 1 1 1 1 1 1 1 2 2 2 1 1 1 1 1
K2DRH K1KG K2KIB WB2SIH WB2JAY W3SZ W3PAW N4QWZ W2BZY 7 Stations tied with AF1T, K6TSK, KD7UO, N9 NY2NY, W9SZ, WA2VNV 2.3 GHz W3PAW W2BZY AF1T W3SZ K1KG W4VND NN4AA N6MU W6OAL K2KIB K2DRH 3.4 GHz W2BZY W3PAW W3SZ NN4AA N6MU AF1T W4VND K2DRH	12 11 11 11 9 8 8 7 6 LB, 8 7 6 6 4 4 4 2 2 2 2	N2GHR K8TQK K3CB KN4SM WB2RVX WA3SRU K4QI VE3ZV 432 MHz K3TUF K1RZ K8TQK K4QI K3CB N2GHR KN4SM WB2RVX VA3ST VE3ZV WA3SRU 902 MHz K3TUF K1RZ N2GHR K3CB VE3ZV WB2RVX VASSRU	26 19 19 17 17 17 15 15 15 15 15 19 19 18 18 17 15 15 15 15 15 15	N7EPD 5.7 GHz KØVXM K1RZ K3TUF K3CB WB2RVX KI4NPV K7ND K2YAZ WØZQ N1GJ K1DS N7EPD 10 GHz KØVXM W1FKF K3CB KI4NPV K1RZ N1GJ K1DS N7EPD 24 GHz K2YAZ K2YAZ K4NPV	2 8 8 8 8 6 4 3 2 2 2 1 1 1 1 1 2 1

2012 ARRL August UHF Contest – Multiplier Leaders

Multionorator		902 MHz		24 GHz	
Multioperator					
222 MHz		N6EY	11	N6NB	11
K2LIM	23	N6NB	11	W6TAI	11
WØUC	18	W6TAI	11	W6XD	11
NE1B	11	W6XD	11	N6EY	1
N2BJ	10	W1AUV	7	NE8I	1
KO9A	7	KCØP	5		
KBØHH	6	NN3Q	5		
AG4V	5	WA2IID	5	Rover Limited	
NC6EO	2	NØHZO	4	222 MHz	
		W3HMS	4	K9JK	7
432 MHz		1.2 GHz		WAØVPJ	5
K2LIM	23			AB2YI	3
WØUC	20	N6NB	11	WW7D	3
N2BJ	12	W6TAI	11	******	Ü
KBØHH	11	W6XD	11	432 MHz	
NE1B	10	N6EY	10		7
AG4V	9	W1AUV	6	K9JK	7 5
KO9A	6	KCØP NN3Q	5 5	WAØVPJ WW7D	4
NC6EO	4	W3HMS	5	AB2YI	4
W4HXP	4	NØHZO	4	N6ZE	3 1
WA4ZKO	2	N2CEI	4	NOZL	'
		WA2IID	4	1.2 GHz	
902 MHz		***	-		_
WØUC	9	2.3 GHz		K9JK	5
KBØHH	8			WAØVPJ	3
K2LIM	5	N6EY	11	WW7D	3
AG4V	3	N6NB	11		
KO9A	2	W6TAI	11 11	Rover Unlimited	
		W6XD W3HMS	5	Rover Unlimited	
1.2 GHz		NN3Q	5 4	222 MHz	
WØUC	14	N2CEI	3	N3IQ	15
K2LIM	9	WA2IID	3	WA3PTV	10
KBØHH	8	KCØP	1	VV/101 1 V	10
KO9A	6	NØHZO	1	432 MHz	
N2BJ	6	NE8I	1		45
AG4V	3	VE3CRU	1	N3IQ	15
		W1AUV	1	WA3PTV	9
2.3 GHz				902 MHz	
AG4V	1	3.4 GHz			
K2LIM	1	N6EY	11	N3IQ	12
KELIWI	•	N6NB	11	WA3PTV	7
3.4 GHz		W6TAI	11	4.0.011	
	•	W6XD	11	1.2 GHz	
W3SZ	3	W3HMS	5	N3IQ	10
K5QE	2	NN3Q	4	WA3PTV	8
5.7 GHz		N2CEI	3		
		NE8I	2	2.3 GHz	
W3SZ	3	VE3CRU	1	N3IQ	9
				WA3PTV	7
10 GHz		5.7 GHz			
W3SZ	2	N6EY	11	3.4 GHz	
		N6NB	11		0
		W6TAI	11	N3IQ WA3PTV	8 6
Rover		W6XD	11	WASFIV	O
		W3HMS	4	5.7 GHz	
222 MHz		NN3Q	3		
WA2IID	15	WØZQ	2	N3IQ	8
N6NB	12	N2CEI	1	WA3PTV	5
N6EY	11	NE8I	1	40 CU-	
W6TAI	11	10 GHz		10 GHz	
W6XD	11			N3IQ	8
NN3Q	9	N6EY	11	WA3PTV	6
KCØP	8	N6NB	11		
W1AUV	8	W6TAI	11	24 GHz	
NØHZO	7	W6XD	11	N3IQ	6
W3HMS	7	W3HMS	5		
432 MHz		W1AUV KCØP	4 3		
		WA2IID	3		
N6EY	13	NE8I	3 2		
N6NB	13	NN3Q	2		
W6XD	13	WØZQ	2		
WA2IID	13	WBØLJC	2		
W6TAI	11		=		
W1AUV NN3Q	10 9				
KCØP	9 8				
NØHZO	8				
N2CEI	8				
	•				