ARRL January VHF Contest 2015 Results

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January's 30th anniversary of "What's your grid?"

The 2015 January VHF Contest was the 30th anniversary of the change from sections to grid squares as multipliers in the ARRL VHF+ contests — or the ARRL January VHF Sweepstakes as it was called then. (2015 is actually the 31st January VHF+ event to use grid squares.)

A quick trip in the QST wayback machine

Taking a trip back in QST, the 1985 top scorers were Ron, WA3AXV (now W3RJW), from the Eastern Pennsylvania section in Single-Operator and a team of operators at Connecticut's W1VD for Multioperator. Back then, Single-op was Single-op; there were no distinctions made for power level or band/mode limited categories. Similarly, Multi-op was Multi-op back in 1985; there was no Limited Multioperator.

With sections as multipliers, the multipliers were counted across ALL bands. There was no additional credit for making contact with a section on more than one band. Once a section was worked, it was worked. It's likely that the lower bands (50 and 144 MHz) were the workhorses for racking them up. The total count of sections was bumped up by a bonus of 10, though, before multiplying by the QSO point total, providing a little help to the final scores.

Paralleling the point values for QSOs in the November Sweepstakes on HF, points were credited for both sides of a contact, so each QSO completed on 50 and 144 MHz was worth two points. There were incentives to go higher in frequency: 4 QSO points for contacts completed on 222 and 432, 8 points each for contacts completed on what was then called the 1215 MHz band, and 16 points for each QSO completed at 2300 MHz and above.

These point values for QSOs continued in 1985, though, the grid squares worked on EACH band were added up for a multiplier total as opposed to the prior policy of only counting the sections ONCE, regardless of band. The addition of 10 to the total count of sections was ended, too.

What was the impact of this change to scores from 1984 to 1985? Interestingly enough, going back to the 1984 results in QST, the 1985 top scorers were the same as 1984, making these comparisons quite easy. Both stations achieved similar QSO counts on the 50, 144, 222 and 432 MHz bands. WA3AXV also had 1296 MHz in 1984 and reported 33 QSOs there but added 2304 MHz for 1985 with the results listing a total of 32 QSOs for 1296 MHz and up. Ron's multiplier total grew from 31 (41 with the 10 bonus multipliers) in 1984 to 96 in 1985, resulting in his final score more than doubling. The W1VD team added three bands for 1985 — 1296 MHz, 10 GHz, and 24 GHz — netting them 21 QSOs worth 192 QSO points. Their multiplier total really swelled — from 49 with the 10-multiplier bonus in 1984 to 168 in 1985. This was more than a tripling of their multiplier total year-to-year netting a final score that came close to quadrupling.

Scores Then and Now

	Single Operator (High Power)				*Multioperator*		
	1984	*1985*	*1985*	*2015*	*1984*	*1985*	*2015*
QSOs	*WA3AXV*	*WA3AXV*	*WA2TEO*	*K1TEO*	*W1VD*	*W1VD*	*N3NGE*
50 MHz	175	163		208	441	368	339
144 MHz	413	335		247	653	702	347
222 MHz	134	116		99	105	111	146
432 MHz	123	125		137	205	220	193
>432 MHz	33	32		121	0	21	184
Total QSOs	878	791	502	812	1404	1422	1209
Total Mults	31	96	81	194	39	168	198
Final Score	101,188	235,776	100,116	307,878	167,972	614,208	483,120
Adj. 1985 Score		117,888	50,058			307,104	
1986-on Equiv. QSO Pts	1,234	1,228	618	1,587	1,714	1,828	2,440

This was a factor in the decision to cut the QSO points in half for the second year of the January VHF Sweepstakes with grid squares as multipliers. December 1985 QST included this change in the announcement of 1986's second running of the January event with grid squares — "Note that the QSO point values have been adjusted downward to reflect the multiplier-per-band change that was phased in last year." To compare January VHF results for 1985 to those of any subsequent years, then, final scores from 1985 on should be halved. Similarly, to compare QSO points from 1985 and before to 1986 and future contests, the QSO points should be halved. Got that?

Bringing ourselves back to the present, how do scores from 1985 compare to results from 2015? This year's Single-Operator, High Power (SOHP) top scorer was Jeff, K1TEO, from the Connecticut section, who also participated as WA2TEO from Eastern New York back in 1985. He finished 7th overall in Single-op that year. There was no band detail in the 1985 results for Jeff but the overall totals are shown in Table 1. The team at N3NGE was 2015's leader in Multioperator from Eastern Pennsylvania

Back to 2015

Enough with the past! What happened over the weekend of January 24-26, 2015?

A total of 652 entries were received, though three of them were submitted as checklogs. Single Operator entries totaled 551, Low Power (SOLP) being the most popular sub-category, with 244 entries.

Midwest Rovers W9FZ/R and KA9VVQ/R (who are now married and operated from the W9FZ vehicle with the family rule), ACØRA/R and KCØSKM/R. Both teams ended up near the EN31/32/41/42 grid corner which is just west of Cedar Rapids, Iowa. (Photo by Bruce Richardson, W9FZ)

Region	SOLP	SOHP	SO3B	SOULP	SOUHP	SOFM	SO-P	MU	ML	R	RL	RU
Northeast	117	63	29	17	8	6	11	9	9	4	4	5
Southeast	30	20	11	2	2	2	1	3	2	4	3	1
Central	38	15	14	3	2	3	1	3	2	4	2	
Midwest	26	14	11	4	4	4	3	2	3	6	5	3
West Coast	33	16	17	6	7	7	4	3	1	12	4	4

High Power (SOHP) was next with 128, followed by Three-band (SO3B) at 82. The 'one-time only' (see later in the article) Unlimited sub-categories garnered a total of 55 log submissions, split into 32 Low Power (SOULP) and 23 High Power (SOUHP). Twenty-two logs were received for the FM-only (SOFM) sub-category and there were 20 for Single Operator, Portable QRP (SO-P). Among 37 Multioperator logs received, 20 were for "MU" Multioperator (Unlimited) and 17 for Limited Multioperator (ML). Rovers WERE out in January, submitting 61 logs. Roughly half of those, 30, were submitted in the classic Rover (R) sub-category with 18 Limited Rover (RL) and 13 Unlimited Rover (RL) logs making up the balance. The table above shows the category log counts by Region:

The Northeast Region continued its reign as most prolific region for log submissions with a total of 282, more than 40 % of this January's logs. The West Coast was the next busiest region with 114 logs (just over 1 in every 6 logs) but dominated in the count of Rover logs with 20 of this year's logs (just under two-thirds of all the rovers) coming from 'out west'. The Southeast, Central and Midwest regions were each the source of log counts in the 80s.

Counting down the scores

The team of seven operators at N3NGE's Eastern Pennsylvania QTH activated 11 bands to rack up 1209 QSOs for the highest final score among all entrants of 483,120, also leading the Northeast region for Multioperator (Unlimited). Their Multiplier total and Band complement are included in the following table that similarly details the results for the MU leaders of the other regions:

Unlimited Multioperator

Region	Call	Score	QSOs	Mults	Bands
Northeast	**N3NGE**	**483,120**	**1209**	**198**	**ABCD9EFGHIP**
Southeast	W4NH	15,540	148	60	ABCDEFHI
Central	W8RU	4,680	65	39	ABCD9E
Midwest	KBØHH	10,240	160	40	ABCD9E
West Coast	WB6W	20,121	224	57	ABCD9E

The second and third overall scores were claimed by two (Classic) Rovers out in California with 11-band stations; Jim, K6FGV/R netted a final score of 341,220, edging just ahead of Marty, N6VI/R's 337,952. Jim and Marty each visited 10 grids from the San Joaquin Valley down to the Los Angeles basin. Jim's score is detailed below (West Coast region) along with details of the top Rover scores for the other regions:

(Classic) Rover

Region	Call	Score	QSOs	Mults	Bands
Northeast	NN3Q	64,386	325	63	ABCD9EFGHI
Southeast	K8GP	132,880	624	80	ABCDEFHI
Central	VE3OIL	31,240	198	71	ABCD9EFGHIJP
Midwest	KA9VVQ	50,594	343	82	ABCD9EFI
West Coast	**K6FGV**	**341,220**	**611**	**121**	**ABCD9EFGHIJ**

K1TEO's top SOHP score of 307,878 from his Connecticut QTH was the fourth highest score overall and the leading effort from the Northeast region. He made QSOs on 10 bands to achieve it. Further detail of Jeff's results are provided below along with those of the other SOHP Region leaders:

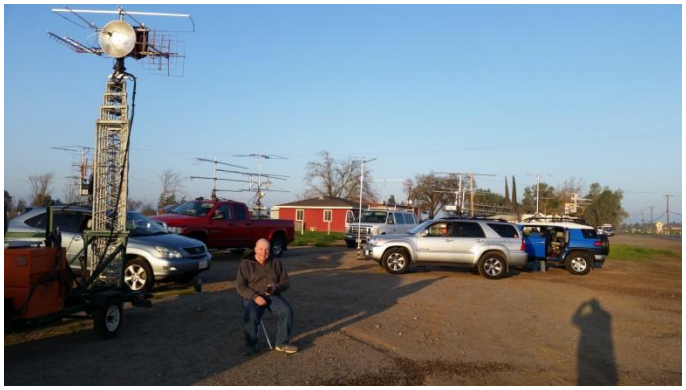
Single Operator, High Power

Region	Call	Score	QSOs	Mults	Bands
Northeast	**K1TEO**	**307,878**	**812**	**194**	**ABCD9EFGHI**
Southeast	W4ZRZ	26,840	169	88	ABCD9EFGHI
Central	WØUC	70,452	340	114	ABCD9EFGHI
Midwest	WØGHZ	44,814	253	77	ABCD9EFGHI
West Coast	N7EPD	17,010	214	54	ABCD9E

In Single-Op Portable, Wayne, N6NB, set a new record for the category with a final score of 179,424. Wayne towed his 11-band tower trailer up to just outside Madera, California in the San Joaquin Valley. California's Central Valley was VERY foggy later Saturday night but it may have helped VHF+ propagation. Wayne was able to make contacts on 50 MHz through 10 GHz with several rovers across two grid squares to his south, from CM96xx to DM04mx, a path length of more than 240 kilometers (about 150 miles). Wayne topped his own prior record for the Pacific Division that he had established in 2014 AND bettered his own prior overall record for the category that he had set from the Southwestern Division in 2011. Further detail of Wayne's results is listed below, along with that of the category's top scorers from other regions.

Single Operator Portable

Region	Call	Score	QSOs	Mults	Bands
Northeast	WB2AMU	675	35	15	ABCD
Southeast	K8MR	2	2	1	A
Central	VA3RKM	27	7	3	ABD
Midwest	WD5AGO	640	26	16	ABDE
West Coast	**N6NB**	**179,424**	**463**	**89**	**ABCD9EFGHIJ**



Wayne, N6NB, is shown in the center, with his tower trailer at the left. Surrounding Rover vehicles (left to right) are K6FGV/R, W6TE/R, N6HB/R (white van in the far back), N6VI/R, and the vehicle used by the family team of W6TTF/R and WA6WTF/R. On the rove again! (Photo by Jim Curio, K6FGV)

At K2LIM, five operators set up at their familiar Western New York/FN12 spot and focused on the bottom four bands for a final score of 137,795 from the 693 QSOs they completed to lead the Limited Multioperator category from the Northeast region.

Limited Multioperator

Region	Call	Score	QSOs	Mults	Bands
Northeast	**K2LIM**	**137,795**	**693**	**155**	**ABCD**
Southeast	N3MK	11,990	165	55	ABCD
Central	N8ZM	25,456	223	86	ABCD
Midwest	K5QE	69,344	296	197	ABCD
West Coast	K6QG	1,344	50	21	ABD9

Another familiar call among the January stalwarts is K2DRH; Bob claimed the Single-Op, Low Power (SOLP) top score of 137,594 from his Illinois QTH in the Central region with 491 QSOs across seven bands.

Single Operator, Low Power

Region	Call	Score	QSOs	Mults	Bands
Northeast	WA3NUF	118,188	534	98	ABCD9EFGHIJP
Southeast	N4QWZ	57,387	250	141	ABCD9E
Central	**K2DRH**	**137,594**	**491**	**178**	**ABCD9EG**
Midwest	WB5ZDP	4,522	85	38	ABCD9F
West Coast	KEØCO	13,432	184	46	ABCD9E

The California Rovers at the gas stop (and yes, gas was close to $2/gallon in California at the time) are the vehicles of N6VI/R, K6FGV/R and the W6TTF/WA6TTF family rover vehicle. Jan, WA6WTF, is walking in the foreground and Carole, W6TTF, is behind the blue FJ Cruiser. The antennas and part of the N6HB/R vehicle (white van) can just be seen. This was taken at the foggy "Lost Hills" exit off of I-5 and they did feel slightly 'lost'. (Photo by Jim Curio, K6FGV)

For the Single-Operator, Three Band and Single-Operator, FM Only categories, the top scorers were Rich, KV2R, and Ev, W2EV, respectively. Rich racked up 184 QSOs across the three bands from his South New Jersey QTH and Ev operated from Western New York, frequently frequency modulating for just over 100 QSOs on the bottom four contest bands. An interesting coincidence is that Rich and Ev were the top scorers in 2013 for SO3B and SOFM respectively, that was the inaugural year for these categories.

Single Operator, Three Band

Region	Call	Score	QSOs	Mults	Bands
Northeast	**KV2R**	**6,554**	**184**	**29**	**ABD**
Southeast	N4BRF	2,040	69	24	ABD
Central	K8RO	3,496	70	38	ABD
Midwest	WAØARM	1,656	53	24	ABD
West Coast	WB7FJG	2,295	78	27	ABD

Single Operator, FM Only

Region	Call	Score	QSOs	Mults	Bands
Northeast	**W2EV**	**3.080**	**103**	**22**	**ABCD**
Southeast	KK4OSG	192	25	6	BD
Central	W9AAO	1,144	58	13	ABCD
Midwest	NL7CO	2,136	61	24	ABCD
West Coast	K6MI	1,905	84	15	ABCD

Wrapping up the rover categories, Wyatt, ACØRA/R made a marathon run in the upper Midwest, visiting 17 grids across Wisconsin, Illinois, and Iowa to finish with the top Limited Rover score of 97,635. That's a lot of cold driving in January! Wyatt amassed 586 QSOs across the 50, 144, 222 and 432 MHz bands with the bulk of his QSOs completed from the Central Region. Also notable in Limited Rover were the efforts of Darryl, WW7D/R, and Andrea, K2EZ/R. Darryl came up just shy of 500 QSOs but only operated from 10 different grids in the West Coast region so he had to find more targets than Wyatt from each of his spots. Andrea's route was the miles travelled winner and included eight states/sections in six ARRL divisions.

"Road Warrior" Andrea, K2EZ/R's custom QSL Card for her January rove, showing the extensive route traveled and rover-mobile that traveled it. (Image by Andrea Slack, K2EZ)

In Unlimited Rover, Rick, K1DS/R, piloted his very capable 12-band rover-mobile through four grids around Eastern Pennsylvania. Further details of Wyatt's, Darryl's and Rick's results, as well as the other regional leaders in Limited and Unlimited Rover are listed in the following tables.

Limited Rover

Region	Call	Score	QSOs	Mults	Bands
Northeast	N2ZBH	15,972	276	44	ABCD
Southeast	K2JB	4,795	120	35	ABD
Central	**ACØRA**	**97,635**	**586**	**116**	**ABCD**
Midwest	KDØLRG	2,480	85	20	ABCD
West Coast	WW7D	40,896	488	64	ABCD

Unlimited Rover

Region	Call	Score	QSOs	Mults	Bands
Northeast	**K1DS**	**85,373**	**451**	**59**	**ABCD9EFGHIJP**
Southeast	WD5DJW	9	2	3	BD
Midwest	KCØSKM	19,323	201	57	ABCDE
West Coast	K7NIT	14,994	199	51	ABCD9E

One Night (Contest) Only!

Just as 2015 brought Single-Operator Unlimited categories to the January VHF Contest for High and Low Power sub-categories, the action of the Ad-Hoc VHF and Above Revitalization Sub-Committee, ended them with the board adopting the subcommittee's recommendation to allow broader "assistance" to be used by entrants in VHF Contests, effectively making ALL categories "unlimited". Thirty-two entries were received in Single Operator Unlimited, Low Power from 12 of the 15 ARRL Sections plus Canada. Bob, WBØYWW, operated from Iowa in the Midwest Division and claimed the overall top score of 12,172 for SOULP using 50, 144 and 432 MHz. In Single Operator Unlimited, High Power, 23 entries were received from 13 of the 15 ARRL Sections plus Canada. The Atlantic Division was home to overall SOUHP top scorer Phil, K3TUF. Phil racked up 456 total QSOs across 11 bands from his Eastern Pennsylvania station for a score of 127,568.

Single Operator Unlimited, Low Power Division Leaders

Division	Call	Score	QSOs	Mults	Bands
Atlantic	KA3HED	5,180	126	35	ABD
Central	WD9GJK	5,068	134	28	ABCDE
Dakota	(no entry)				
Delta	N4DW	207	23	9	AB
Great Lakes	(no entry)				
Hudson	K2CYE	980	49	20	AB
Midwest	**WBØYWW**	**12,172**	**135**	**68**	**ABD**
New England	NF1O	847	62	11	ABCD
Northwestern	KF7PCL	968	39	22	ABD
Pacific	KJ6HUP	1,680	57	24	ABCD
Roanoke	K5VIP	1,166	46	22	ABD
Rocky Mountain	N5SJ	35	7	5	AB
Southeastern	(no entry)				
Southwestern	W7SUA	52	50	26	ABD
West Gulf	AA5AM	1,742	51	26	ABCD
Canada	VE3DS	10,773	120	57	ABCD9E

Single Operator Unlimited, High Power Division Leaders

Division	Call	Score	QSOs	Mults	Bands
Atlantic	**K3TUF**	**127,568**	**456**	**112**	**ABCD9EFGHIJ**
Central	K9ZM	72	9	8	A
Dakota	KØSIX	17,010	196	63	ABCD
Delta	(no entry)				
Great Lakes	K8DIO	504	22	21	ABD
Hudson	KO2OK	6,698	187	34	ABD
Midwest	(no entry)				
New England	K1TOL	8,448	192	44	A
Northwestern	KG7P	4,608	88	32	ABCD9E
Pacific	WA6OSX	13,250	156	50	ABCD9E
Roanoke	N4RA	247	19	13	AB
Rocky Mountain	WB2FKO	338	25	13	ABD
Southeastern	W4AS	585	32	15	ABCD
Southwestern	AI1K	644	36	14	ABD
West Gulf	K5GZR	253	23	21	AB
Canada	VE7DAY	1,300	61	20	ABD

The preceding tables show the Division leaders for the two Single Operator Unlimited sub-categories with some additional detail. These will be THE Division records for these categories going forward.

Additional Records Set in 2015

In addition to the records for the Single Operator Unlimited categories mentioned just above, there were some other efforts that raised Division Top Score bars. N6NB's effort in Single Operator, Portable was described above.

In the newer Single Operator, FM Only, W2EV's 2015 score is a new overall top score for the category and the Atlantic Division. Bars for the category were also raised in six other Divisions: by W9AAO for Central; KB1YSK for New England; K6MI for Pacific; KØJJW for Rocky Mountain; KK4OSG for Southeastern; and NL7CO for West Gulf. SOFM records remain ripe for the claiming in the Hudson, Midwest Divisions and in Canada.

Five Division records were also raised in Single Operator, Three Band, the other category that was added in 2013. These were: KV2R for Atlantic; WØLMS for Dakota; WAØARM in Midwest; WB7FJG in Northwestern and N4BRF (operated by WA2VNV) in Southeastern.

While none of the Division Records for classic Rover were touched in 2015, some thresholds were raised in Limited and Unlimited Rover sub-categories. For Limited Rover, the new bar setters were: ACØRA for Central; N2ZBH for Hudson; WW7D for Northwestern; and VE7JH for Canada. Among 2015's Unlimited Rover entrants, K1DS topped a prior record for the Atlantic Division, while WD5DJW and KCØSKM were the first entrants in the category from the Delta and Midwest Divisions, respectively.

Prior Division records for Single Operator, Low and High Power and the two Multioperator categories remained intact.

The Clubs

In the Affiliated Club categories, winners include some familiar club names – the Mt Airy VHF Society Pack Rats submitted the largest group of logs (66) and attained Unlimited Club status. The top Medium Club spot was filled by a dozen big logs from the Southern California Contest Club, outdistancing even the 29 logs from the Potomac Valley Contest Club. And in the Local Club category, the Stoned Monkey VHF Amateur Radio Club was the top banana.

Affiliated Club Competition

Club Name	*Logs*	*Score*
Unlimited Category		
Mt Airy VHF Radio Club	66	1,883,481
Medium Category		
Southern California Contest Club	12	1,787,087
Potomac Valley Radio Club	29	594,706
North East Weak Signal Group	13	493,610
Northern Lights Radio Society	20	269,895
Society of Midwest Contesters	16	153,772
Pacific Northwest VHF Society	21	130,144
Contest Club Ontario	11	129,601
Badger Contesters	3	51,911
Rochester VHF Group	12	36,633
Northern California Contest Club	6	29,659
Yankee Clipper Contest Club	10	23,827
Frankford Radio Club	4	23,460
Keystone VHF Club	3	14,251
Six Meter Club of Chicago	8	13,995
Carolina DX Association	4	13,541
DFW Contest Group	5	11,205
North Texas Microwave Society	3	11,178
Michigan VHF-UHF Society	3	10,286
South Jersey Radio Assn	4	9536
Florida Weak Signal Society	4	9330
CTRI Contest Group	4	4445
Rochester (NY) DX Assn	3	4383
Florida Contest Group	6	3405
Grand Mesa Contesters of Colorado	3	1566
Arizona Outlaws Contest Club	3	814
Contest Group Du Quebec	3	684
Local Category		
Stoned Monkey VHF ARC	3	37,800
Granite State ARA	6	14,076
Bergen ARA	6	12,696
Bristol (TN) ARC	7	8519
Nashoba Valley ARC	5	7585
Contoocook Valley Radio Club	4	4619
Pottstown Area ARC	6	3179
Burlington County Radio Club	3	1688
Portage County Amateur Radio Service	3	456

Oleh, KD7WPJ visited San Gabriel Peak in the Angeles National Forest, operating Single Operator, Portable in the January VHF Contest as well as making a Summits on the Air (SOTA) activation on HF with his FT-817ND "handheld". (Photo by Oleh Kernytskyy, KD7WPJ)

2016 brings another chance to get up on the VHF+ bands from home or out and about on the January 30-February 1 weekend. What will the New Year bring?

Top Ten By Category

Single Operator, High Power

K1TEO	307,878
K1RZ	246,402
WB2RVX	225,192
K3IPM	83,830
N3HBX	73,139
WØUC	70,452
WA3DRC	57,942
K1GX	54,873
KU8Y	53,406
WZ1V	48,636

Single Operator, Low Power

K2DRH	137,594
WA3NUF	118,188
N3RG	104,200
WA3GFZ	67,221
N4QWZ	57,387
AF1T	54,984
WB2SIH	49,572
N9DG	44,064
W3SZ	43,778
K1KG	42,164

Single Operator, Portable

N6NB	179,424
KD7WPJ	1,095
WB2AMU	675
WD5AGO	640
KQ2RP	243
K6PFA	224
NØJK	130
KM6NY	75
N3KCM	54
KØNR	40

Single Operator, 3-Band

KV2R	6,554
K8RO	3,496
N3ALN	2,725
K9AKS	2,368
WB7FJG	2,295
N4BRF (WA2VNV, op)	2,040
K3UHU	1,960
WB2PJH	1,900
WAØARM	1,656
KC2TA	1,552

Single Operator, FM Only

W2EV	3,080
NL7CO	2,136
N2HJD	1,935
K6MI	1,905
W9AAO	1,144
W7AIT	930
K2SI	770
N1VM	410
KB1YSK	330
N2SCJ	258

Single Operator Unlimited, High Power

K3TUF	127,568
KØSIX	17,010
WA6OSX	13,250
K1TOL	8,448
KO2OK	6,698
KG7P	4,608
W3BFC	4,158
K2ZD	2,875
W7MEM	1,914
KAØRYT	1,645

Single Operator Unlimited, Low Power

WBØYWW	12,172
VE3DS	10,773
KA3HED	5,180
WD9GJK	5,068
K2QO	2,075
AA5AM	1,742
KJ6HUP	1,680
K5VIP	1,166
WB2BYP	1,155
K2CYE	980

Multioperator

N3NGE	483,120
WA3EHD	40,932
WB6W	20,121
WA2CP	17,261
W4NH	15,540
W1XM	13,299
WB3IGR	12,650
KBØHH	10,240
KBØZO	9,847
N4JQQ	6,820

Limited Multioperator

K2LIM	137,795
K5QE	69,344
W3SO	45,954
N8ZM	25,456
N2NT	18,704
W1QK	13,156
N3MK	11,990
W3HZU	6,965
N9TF	4,588
AIØBP	2,673

Rover

K6FGV/R	341,220
N6VI/R	337,952
N6HB/R	278,610
W6TTF/R	231,840
WA6WTF/R	226,404
W6TE/R	187,902
K8GP	132,880
NN3Q/R	64,386
KA9VVQ/R	50,594
W9FZ/R	49,491

Limited Rover

ACØRA/R	97,635
WW7D/R	40,896
N2ZBH/R	15,972
VE7JH	7,744
K2EZ/R	6,780
KE7IHG/R	6,290
KØBAK/R	6,160
K2JB/R	4,795
W5VY	3,403
KV2X/R	3,267

Unlimited Rover

K1DS/R	85,373
N2SLN/R	24,895
KCØSKM/R	19,323
K7NIT/R	14,994
W7QQ/R	14,616
N6ZE/R	10,800
K3IUV/R	9,184
N2QIP/R	6,180
AB4CR/R	3,016
N7HQR/R	2,184

Division Winners

Single Operator, High Power

Atlantic	K1RZ	246,402
Central	WØUC	70,452
Dakota	WØGHZ	44,814
Delta	KG5MD	3,920
Great Lakes	KU8Y	53,406
Hudson	W2BVH	9,275
Midwest	KØTPP	480
New England	K1TEO	307,878
Northwestern	N7EPD	17,010
Pacific	KC6ZWT	15,964
Roanoke	W3IP	26,250
Rocky Mountain	KD7VEA	480
Southeastern	W4ZRZ	26,840
Southwestern	W6IT	912
West Gulf	K5LLL	11,322
Canada	VE3ZV	47,628

Single Operator, Low Power

Atlantic	WA3NUF	118,188
Central	K2DRH	137,594
Dakota	KCØIYT	1,470
Delta	N4QWZ	57,387
Great Lakes	N8BI	9,231
Hudson	WB2SIH	49,572
Midwest	NØLL	2,698
New England	AF1T	54,984
Northwestern	KEØCO	13,432
Pacific	K6ATZ	7,956
Roanoke	N1GC	8,100
Rocky Mountain	KKØQ	3,696
Southeastern	KX4R	19,890
Southwestern	K6TSK	8,120
West Gulf	WB5ZDP	4,522
Canada	VE3SMA	12,950

Single Operator, Portable

Atlantic	K6PFA	224
Hudson	WB2AMU	675
Midwest	NØJK	130
New England	N1PRW	34
Northwestern	K7GEN	6
Pacific	N6NB	179,424
Rocky Mountain	KØNR	40
Southeastern	K8MR	2
Southwestern	KD7WPJ	1,095
West Gulf	WD5AGO	640
Canada	VA3RKM	27

Single Operator, 3-Band

Atlantic	KV2R	6,554
Central	K9AKS	2,368
Dakota	WØLMS	510
Delta	W4PGM	264
Great Lakes	K8RO	3,496
Hudson	WB2PJH	1,900
Midwest	WAØARM	1,656
New England	K1VUT	1,136
Northwestern	WB7FJG	2,295
Pacific	K6OAK	100
Roanoke	N4PD	1,178
Southeastern	N4BRF (WA2VNV, op)	2,040
Southwestern	AA4Q	756
West Gulf	N5BRG	20
Canada	VE3KZ	1,121

Single Operator, FM Only

Atlantic	W2EV	3,080
Central	W9AAO	1,144
Delta	N4KZS	20
New England	KB1YSK	330
Northwestern	KG7OMG	76
Pacific	K6MI	1,905
Rocky Mountain	KØJJW	6
Southeastern	KK4OSG	192
West Gulf	NL7CO	2,136

Single Operator Unlimited, High Power

Atlantic	K3TUF	127,568
Central	K9ZM	72
Dakota	KØSIX	17,010
Great Lakes	K8DIO	504
Hudson	KO2OK	6,698
New England	K1TOL	8,448
Northwestern	KG7P	4,608
Pacific	WA6OSX	13,250
Roanoke	N4RA	247
Rocky Mountain	WB2FKO	338
Southeastern	W4AS	585
Southwestern	AI1K	644
West Gulf	K5GZR	253
Canada	VE7DAY	1,300

Single Operator Unlimited, Low Power

Atlantic	KA3HED	5,180
Central	WD9GJK	5,068
Delta	N4DW	207
Hudson	K2CYE	980
Midwest	WBØYWW	12,172
New England	NF1O	847
Northwestern	KF7PCL	968
Pacific	KJ6HUP	1,680
Roanoke	K5VIP	1,166
Rocky Mountain	N5SJ	35
Southwestern	W7SUA	52
West Gulf	AA5AM	1,742
Canada	VE3DS	10,773

Multioperator

Atlantic	N3NGE	483,120
Central	N2BJ	3,354
Delta	N4JQQ	6,820
Great Lakes	W8RU	4,680
Hudson	WA2CP	17,261
New England	W1XM	13,299
Pacific	WB6W	20,121
Southeastern	W4NH	15,540
Southwestern	KBØZO	9,847
West Gulf	KBØHH	10,240

Limited Multioperator

Atlantic	K2LIM	137,795
Central	N9TF	4,588
Dakota	AIØBP	2,673
Great Lakes	N8ZM	25,456
Hudson	N2NT	18,704
New England	W1QK	13,156
Pacific	K6QG	1,344
Roanoke	N3MK	11,990
Southeastern	WB4WXE	1,770
West Gulf	K5QE	69,344
Canada	VA2RAC	300

Classic Rover		
Atlantic	NN3Q/R	64,386
Central	K9TMS/R	12,656
Dakota	KCØP/R	8,608
Delta	AG4V/R	16,665
Midwest	KA9VVQ/R	50,594
Northwestern	WA7BBJ	8,528
Pacific	K6FGV/R	341,220
Roanoke	K8GP	132,880
Southeastern	KM4ECP	504
Southwestern	KK6MC/R	14,960
West Gulf	K7XC	408
Canada	VE3OIL/R	31,240
Limited Rover		
Atlantic	KØBAK/R	6,160
Central	ACØRA/R	97,635
Dakota	NØSPN/R	40
Delta	W5VY	3,403
Hudson	N2ZBH/R	15,972
Midwest	KDØLRG	2,480
Northwestern	WW7D/R	40,896
Roanoke	K2JB/R	4,795
Rocky Mountain	ABØYM/R	1,520
Southeastern	K4UB	288
West Gulf	KD5EUO/R	1,533
Canada	VE7JH	7,744
Unlimited Rover		
Atlantic	K1DS/R	85,373
Delta	WD5DJW	9
Midwest	KCØSKM/R	19,323
Northwestern	K7NIT/R	14,994
Southwestern	W7QQ/R	14,616
West Gulf	AF5Q	1,392

Regional Leaders

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

Northeast Region

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

Call	Score	Cat
K1TEO	307,878	B
K1RZ	246,402	B
WB2RVX	225,192	B
K3IPM	83,830	B
N3HBX	73,139	B
WA3NUF	118,188	A
N3RG	104,200	A
WA3GFZ	67,221	A
AF1T	54,984	A
WB2SIH	49,572	A
WB2AMU	675	Q
KQ2RP	243	Q
K6PFA	224	Q
KM6NY	75	Q
N3KCM	54	Q
KV2R	6,554	3B
N3ALN	2,725	3B
K3UHU	1,960	3B
WB2PJH	1,900	3B
KC2TA	1,552	3B
W2EV	3,080	FM
N2HJD	1,935	FM
K2SI	770	FM
KB1YSK	330	FM
N2SCJ	258	FM
K3TUF	127,568	UB
K1TOL	8,448	UB
KO2OK	6,698	UB
W3BFC	4,158	UB
K2ZD	2,875	UB
KA3HED	5,180	UA
K2QO	2,075	UA
WB2BYP	1,155	UA
K2CYE	980	UA
NF1O	847	UA
N3NGE	483,120	M
WA3EHD	40,932	M
WA2CP	17,261	M
W1XM	13,299	M
WB3IGR	12,650	M
K2LIM	137,795	L
W3SO	45,954	L
N2NT	18,704	L
W1QK	13,156	L
W3HZU	6,965	L
NN3Q/R	64,386	R
KF2MR/R	17,158	R
W3ICC/R	10,065	R
KD2HEV	187	R
N2ZBH/R	15,972	RL
KØBAK/R	6,160	RL
KV2X/R	3,267	RL
N2DCH/R	72	RL
K1DS/R	85,373	RU
N2SLN/R	24,895	RU
K3IUV/R	9,184	RU
N2QIP/R	6,180	RU
AB4CR/R	3,016	RU

Southeast Region

Delta, Roanoke and Southeastern Divisions

Call	Score	Cat
W4ZRZ	26,840	B
W3IP	26,250	B
WA4NJP	11,360	B
NG4C	11,256	B
K1HTV	8,413	B
N4QWZ	57,387	A
KX4R	19,890	A
N1GC	8,100	A
K4FJW	7,245	A
W2BZY	3,648	A
K8MR	2	Q
N4BRF (WA2VNV, op)	2,040	3B
N4PD	1,178	3B
KM4ID	684	3B
K1TO	429	3B
WF1L	390	3B
KK4OSG	192	FM
N4KZS	20	FM
W4AS	585	UB
N4RA	247	UB
K5VIP	1,166	UA
N4DW	207	UA
W4NH	15,540	M
N4JQQ	6,820	M
W4AUB	351	M
N3MK	11,990	L
WB4WXE	1,770	L
K8GP	132,880	R
AG4V/R	16,665	R
KM4ECP	504	R
W4SLT	168	R
K2JB/R	4,795	RL
W5VY	3,403	RL
K4UB	288	RL
WD5DJW	9	RU

Central Region

Central and Great Lakes Divisions; Ontario Section

Call	Score	Cat
WØUC	70,452	B
KU8Y	53,406	B
VE3ZV	47,628	B
K9EA	38,862	B
WA8RJF	26,568	B
K2DRH	137,594	A
N9DG	44,064	A
VE3SMA	12,950	A
VA3ZV	10,920	A
N8BI	9,231	A
VA3RKM	27	Q
K8RO	3,496	3B
K9AKS	2,368	3B
VE3KZ	1,121	3B
NT9E	624	3B
AC8HU	390	3B
W9AAO	1,144	FM
WV9E	186	FM
KD9AXR	80	FM
K8DIO	504	UB
K9ZM	72	UB
VE3DS	10,773	UA
WD9GJK	5,068	UA
K9MU	882	UA
W8RU	4,680	M
N2BJ	3,354	M
KD9BVD	15	M
N8ZM	25,456	L
N9TF	4,588	L
VE3OIL/R	31,240	R
K9TMS/R	12,656	R
K9BTW/R	12,600	R
N9REP/R	12,544	R
ACØRA/R	97,635	RL
K2EZ/R	6,780	RL

Midwest Region

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

Call	Score	Cat
WØGHZ	44,814	B
K5LLL	11,322	B
WØZQ	9,324	B
KØAWU	9,185	B
NR5M	6,887	B
WB5ZDP	4,522	A
KKØQ	3,696	A
NØLL	2,698	A
KCØIYT	1,470	A
NJ7A	1,344	A
WD5AGO	640	Q
NØJK	130	Q
KØNR	40	Q
WAØARM	1,656	3B
KØJQA	540	3B
WØLMS	510	3B
NRØT	120	3B
KMØF	54	3B
NL7CO	2,136	FM
AI5H	222	FM
KG5EZH	36	FM
KØJJW	6	FM
KØSIX	17,010	UB
KAØRYT	1,645	UB
WB2FKO	338	UB
K5GZR	253	UB
WBØYWW	12,172	UA
AA5AM	1,742	UA
N5SJ	35	UA
K5ND	32	UA
KBØHH	10,240	M
KC5MVZ	216	M
K5QE	69,344	L
AIØBP	2,673	L
WCØAAA	4	L
KA9VVQ/R	50,594	R
W9FZ/R	49,491	R
KBØQGT	10,168	R
KCØP/R	8,608	R
NØHZO/R	7,744	R
KDØLRG	2,480	RL
KD5EUO/R	1,533	RL
ABØYM/R	1,520	RL
W3DHJ/R	190	RL
NØSPN/R	40	RL
KCØSKM/R	19,323	RU
AF5Q	1,392	RU
AF5CC	352	RU

West Coast Region

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

Call	Score	Cat
N7EPD	17,010	B
KC6ZWT	15,964	B
AE6GE	11,776	B
KD7UO	11,454	B
K7ND	3,683	B
KEØCO	13,432	A
K7YDL	12,900	A
K6TSK	8,120	A
K6ATZ	7,956	A
K2GMY	5,973	A
N6NB	179,424	Q
KD7WPJ	1,095	Q
KF6CVA	36	Q
K7GEN	6	Q
WB7FJG	2,295	3B
KX7L	795	3B
AA4Q	756	3B
KI6X	492	3B
K6LMN	480	3B
K6MI	1,905	FM
W7AIT	930	FM
N1VM	410	FM
KG7OMG	76	FM
KA6AMB	72	FM
WA6OSX	13,250	UB
KG7P	4,608	UB
W7MEM	1,914	UB
VE7DAY	1,300	UB
K7AWB	846	UB
KJ6HUP	1,680	UA
KF7PCL	968	UA
KA6BIM	310	UA
VE6AO (VE6CCL, op)	190	UA
W7SUA	52	UA
WB6W	20,121	M
KBØZO	9,847	M
W6QAR	1,044	M
K6QG	1,344	L
K6FGV/R	341,220	R
N6VI/R	337,952	R
N6HB/R	278,610	R
W6TTF/R	231,840	R
WA6WTF/R	226,404	R
WW7D/R	40,896	RL
VE7JH	7,744	RL
KE7IHG/R	6,290	RL
N7MKO/R	48	RL
K7NIT/R	14,994	RU
W7QQ/R	14,616	RU
N6ZE/R	10,800	RU
N7HQR/R	2,184	RU

QSO Band Leaders By Category

Single Operator, Low Power

50 MHz

K2DRH	145
WA3NUF	115
N3RG	108
AF1T	106
K2MLB	101

144 MHz

WA3NUF	151
K2DRH	144
WB2CUT	133
WB2SIH	128
AF1T	124

222 MHz

WA3NUF	74
K2DRH	66
WB2SIH	58
N9DG	56
AF1T	52

432 MHz

K2DRH	98
WA3NUF	86
WB2SIH	71
AF1T	67
N9DG	66

902 MHz

WA3NUF	30
N3RG	27
WA3GFZ	26
W3SZ	17
KA3FQS	15

1.2 GHz

N3RG	31
WA3NUF	31
WA3GFZ	28
K2DRH	23
WB2SIH	23

2.3 GHz

N3RG	17
W3SZ	17
WA3GFZ	16
WA3NUF	16
K1KG	9
WB2JAY	9

3.4 GHz

W3SZ	14
WA3NUF	13
N3RG	11
K1KG	5
WA3GFZ	5
WB2JAY	5

5.7 GHz

N3RG	11
W3SZ	10
WA3NUF	6
WA3GFZ	4
K1KG	2
W2BZY	2

10 GHz

W3SZ	9
N3RG	8
WA3NUF	8
WA3GFZ	7
AF1T	3

24 GHz

W3SZ	2
WA3NUF	2
AF1T	1
K3DMA	1
VE3SMA	1
WA3GFZ	1

Light

K3DMA	4
K3EGE	3
WA3NUF	2
AF1T	1
KB2AYU	1
N3EXA	1
VE3NPB	1
VE3SMA	1
WA3GFZ	1

Single Operator, High Power

50 MHz

K1TEO	208
N3FTI	207
K3IPM	153
WB2RVX	153
N3HBX	144

144 MHz

K1TEO	247
KA1ZE/3	239
N3HBX	233
K1RZ	187
WA2FGK (K2LNS, op.)	170

222 MHz

K1TEO	99
WB2RVX	81
K1RZ	74
K3IPM	58
WZ1V	56

432 MHz

K1TEO	137
WB2RVX	107
K1RZ	92
K3IPM	76
K3GNC	67

902 MHz

K1RZ	38
WB2RVX	38
K1TEO	31
WØGHZ	27
WA3DRC	27

1.2 GHz

K1RZ	46
K1TEO	46
WB2RVX	46
WA3DRC	32
K3GNC	27
WZ1V	27

2.3 GHz

WB2RVX	31
K1RZ	23
K1TEO	23
WA3DRC	20
K3IPM	14

3.4 GHz

WB2RVX	19
WA3DRC	16
K1RZ	13
K3IPM	12
K1TEO	10

5.7 GHz

K3TUF	16
K1RZ	13
WB2RVX	13
KØVXM	8
W3PAW	8

10 GHz

WB2RVX	16
K1RZ	12
WA3DRC	8
K3IPM	5
K1TEO	4
WØGHZ	4

24 GHz

KØVXM	1

Light

W3GAD	2
WB2RVX	2
K3IPM	1
K3JJZ	1

Single Operator, Portable

50 MHz

N6NB	51
KD7WPJ	18
K6PFA	17
WB2AMU	16
N1PRW	15

144 MHz

N6NB	51
KD7WPJ	25
KQ2RP	17
K6PFA	11
WB2AMU	9

222 MHz

N6NB	51
WB2AMU	5
KF6CVA	1
KJ6JZH	1
KM6NY	1

432 MHz

N6NB	54
KD7WPJ	15
WD5AGO	8
WB2AMU	5
KM6NY	3
NØJK	3

902 MHz

N6NB	41

1.2 GHz

N6NB	45
WD5AGO	2

2.3 GHz

N6NB	35

3.4 GHz

N6NB	38

5.7GHz

N6NB	39

10 GHz

N6NB	39

24 GHz

N6NB	19

Light

WA3WUL	2

Single Operator, Three Band

50 MHz

K3GM	73
KV2R	63
K3UHU	51
N3ALN	46
WV3P	44

144 MHz

KV2R	79
KC2TA	66
KC2THQ	53
WB2EOD	52
WB2PJH	41

432 MHz

KV2R	42
K8RO	22
KC2THQ	20
WB2EOD	20
N3ALN	17

Single Operator, FM Only

50 MHz

W2EV	25
K6MI	16
N2HJD	15
KB1YSK	14
NL7CO	13

144 MHz

K2SI	42
W2EV	41
N2HJD	38
K6MI	25
KB1YSK	24
W9AAO	24

222 MHz

K6MI	23
W9AAO	17
W2EV	14
N2HJD	12
W7AIT	12

432 MHz

N2HJD	26
W2EV	23
K6MI	20
NL7CO	18
K2SI	13
W9AAO	13

Single Operator Unlimited, Low Power

50 MHz

KA1VMG	51
KA3HED	41
WD9GJK	37
K2QO	36
WBØYWW	36

144 MHz

KA3HED	63
WBØYWW	55
WD9GJK	54
K2QO	47
VE3DS	42

222 MHz

WD9GJK	20
VE3DS	19
AA5AM	7
WB2BYP	7
NF1O	6

432 MHz

WBØYWW	44
VE3DS	26
KA3HED	22
WD9GJK	21
KJ6HUP	11

902 MHz

WB2BYP	4
VE3DS	2

1.2 GHz

VE3DS	6
WB2BYP	3
WD9GJK	2
KA6BIM	1
W7SUA	1

Single Operator Unlimited, High Power

50 MHz

K1TOL	192
KO2OK	123
K2ZD	115
K3TUF	90
K2PLF	82

144 MHz

W3BFC	154
K3TUF	117
KØSIX	68
KO2OK	54
KAØRYT	47

222 MHz

K3TUF	64
KØSIX	31
WA6OSX	19
KG7P	12
K7AWB	6

432 MHz

K3TUF	74
KØSIX	43
WA6OSX	21
AI1K	10
KO2OK	10
VE2UG	10

902 MHz

K3TUF	28
WA6OSX	10
KG7P	3

1.2 GHz

K3TUF	30
WA6OSX	13
KG7P	9
VE2UG	4

2.3 GHz

K3TUF	20

3.4 GHz

K3TUF	3

5.7GHz

K3TUF	15

10 GHz

K3TUF	11

24 GHz

K3TUF	4

Multioperator
(-L Limited Multioperator)

50 MHz

N3NGE	339
K2LIM-L	211
WA2CP	143
W1QK-L	139
W3SO-L	106

144 MHz

N3NGE	347
K2LIM-L	286
K5QE-L	150
W3SO-L	130
WA2CP	118

222 MHz

N3NGE	146
K2LIM-L	92
WA3EHD	50
W3SO-L	41
KBØHH	38

432 MHz

N3NGE	193
K2LIM-L	104
WA3EHD	57
W3SO-L	48
WB6W	40

902 MHz

N3NGE	49
WA3EHD	22
WB3IGR	12
WA2CP	11
W1XM	6

1.2 GHz

N3NGE	50
WA3EHD	16
WB6W	15
W1XM	9
WA2CP	9

2.3 GHz

N3NGE	33
WA3EHD	13
W1XM	5
N4JQQ	4
W4NH	1

3.4 GHz

N3NGE	19
WA3EHD	11

5.7 GHz

N3NGE	14

10 GHz

N3NGE	14
WA3EHD	2
W4NH	1

Light

N3NGE	5
WA3EHD	3
WB3IGR	1

(Classic) Rover

50 MHz

K8GP/R	102
W9FZ/R	64
KA9VVQ/R	62
W3ICC/R	60
KF2MR/R	53

144 MHz

K8GP/R	153
W9FZ/R	105
KA9VVQ/R	103
VE3OIL/R	77
KF2MR/R	74

222 MHz

K8GP/R	92
K6FGV/R	71
N6VI/R	67
W9FZ/R	65
KA9VVQ/R	64
W6TE/R	64

432 MHz

K8GP/R	103
KA9VVQ/R	78
W9FZ/R	78
K6FGV/R	74
N6VI/R	70

902 MHz

N6VI/R	59
K6FGV/R	54
N6HB/R	50
K8GP/R	47
W6TE/R	44

1.2 GHz

K6FGV/R	60
N6VI/R	60
K8GP/R	47
N6HB/R	46
W6TE/R	43

2.3 GHz

K6FGV/R	51
N6VI/R	51
N6HB/R	47
W6TTF/R	36
WA6WTF/R	36

3.4 GHz

N6VI/R	49
K6FGV/R	47
N6HB/R	43
W6TTF/R	35
WA6WTF/R	33

5.7 GHz

K6FGV/R	51
N6VI/R	51
N6HB/R	47
W6TTF/R	39
WA6WTF/R	39

10 GHz

N6VI/R	54
K6FGV/R	53
N6HB/R	49
W6TTF/R	42
WA6WTF/R	42

24 GHz

N6VI/R	47
K6FGV/R	44
W6TE/R	41
N6HB/R	39
W6TTF/R	28
WA6WTF/R	28

Light

NN3Q/R	2
VE3OIL/R	2

Limited Rover

50 MHz

WW7D/R	152
ACØRA/R	131
N2ZBH/R	94
K2JB/R	52
KØBAK/R	48

144 MHz

ACØRA/R	192
WW7D/R	185
N2ZBH/R	95
KE7IHG/R	68
VE7JH/R	53

222 MHz

ACØRA/R	126
WW7D/R	67
N2ZBH/R	45
VE7JH/R	22
KE7IHG/R	19

432 MHz

ACØRA/R	137
WW7D/R	84
N2ZBH/R	42
KØBAK/R	29
KE7IHG/R	25

Unlimited Rover

50 MHz

N2SLN/R	112
K1DS/R	54
K7NIT/R	47
W7QQ/R	46
N6ZE/R	38

144 MHz

N2SLN/R	107
K1DS/R	95
K7NIT/R	91
N6ZE/R	76
KCØSKM/R	57

222 MHz

K1DS/R	68
KCØSKM/R	45
N2SLN/R	37
N6ZE/R	28
N2QIP/R	21

432 MHz

K1DS/R	77
KCØSKM/R	51
N2SLN/R	45
W7QQ/R	37
N6ZE/R	28

902 MHz

K1DS/R	30
N2QIP/R	11
N6ZE/R	11
K7NIT/R	9
N7HQR/R	9

1.2 GHz

K1DS/R	32
KCØSKM/R	14
W7QQ/R	10
N2QIP/R	9
K7NIT/R	8

2.3 GHz

K1DS/R	23
K3IUV/R	6
AB4CR/R	1

3.4 GHz

K1DS/R	20
K3IUV/R	4
AB4CR/R	1

5.7 GHz

K1DS/R	15
K3IUV/R	3

10 GHz

K1DS/R	18
K3IUV/R	5
AB4CR/R	1

24 GHz

K1DS/R	7
W7QQ/R	5
K3IUV/R	1

Light

K1DS/R	12
K3IUV/R	4

Multiplier Band Leaders By Category

Single Operator, Low Power

50 MHz

K2DRH	43
N4QWZ	32
N9DG	24
N8RA	21
N3RG	18

144 MHz

K2DRH	45
N4QWZ	36
N9DG	33
KX4R	24
WA3NUF	23

222 MHz

K2DRH	29
N4QWZ	28
N9DG	22
KX4R	15
WB2SIH	15

432 MHz

K2DRH	33
N4QWZ	29
N9DG	23
KX4R	16
WA3NUF	16

902 MHz

K2DRH	10
N4QWZ	9
N3RG	8
WA3NUF	7
WB2JAY	7
WB2SIH	7

1.2 GHz

K2DRH	17
N3RG	9
WB2SIH	9
K1KG	8
WB2JAY	8

2.3 GHz

N3RG	7
K1KG	6
WB2JAY	6
W3SZ	5
WA3NUF	5

3.4 GHz

N3RG	5
K1KG	4
W3SZ	4
WA3NUF	4
K1IIG	3
WB2JAY	3

5.7 GHz

N3RG	4
W3SZ	4
WA3NUF	3
WA3GFZ	2
W2BZY	1
K1KG	1
AF1T	1
VE3NPB	1
VE3SMA	1

10 GHz

W3SZ	4
AF1T	3
N3RG	3
K1KG	2
VE3SMA	2
WA3GFZ	2
WA3NUF	2
WJ7L	2

24 GHz

W3SZ	2
AF1T	1
K3DMA	1
VE3SMA	1
WA3GFZ	1
WA3NUF	1

Light

AF1T	1
K3DMA	1
K3EGE	1
KB2AYU	1
N3EXA	1
VE3NPB	1
VE3SMA	1
WA3GFZ	1
WA3NUF	1

Single Operator, High Power

50 MHz

K1TEO	37
N3FTI	29
K1RZ	29
KU8Y	29
K8ZES	27

144 MHz

K1JT	78
NR5M	58
AA4SC	50
KA1ZE/3	50
WA2FGK (K2LNS, op.)	49

222 MHz

K1TEO	31
WØUC	23
K8TQK	22
K1RZ	21
VE3ZV	20

432 MHz

K1TEO	32
KU8Y	27
K1RZ	24
WØUC	22
N3HBX	22
WA2FGK (K2LNS, op.)	22

902 MHz

K1RZ	15
K1TEO	14
KU8Y	9
K1GX	8
VE3ZV	8
WB2RVX	8

1.2 GHz

K1TEO	16
K1RZ	14
KU8Y	12
K9EA	10
VE3ZV	10

2.3 GHz

K1TEO	11
K1RZ	10
K1GX	9
WB2RVX	7
VE3ZV	5
WA3DRC	5

3.4 GHz

K1RZ	6
K1TEO	6
K1GX	5
WB2RVX	5
WA3DRC	4

5.7 GHz

K1RZ	7
K1TEO	5
WB2RVX	5
K1GX	3
WA2OMY	3

10 GHz

K1RZ	7
WB2RVX	5
K1GX	3
K1TEO	3
WØGHZ	3

24 GHz

KØVXM	1

Light

K3IPM	1
K3JJZ	1
W3GAD	1
WB2RVX	1

Single Operator, Portable

50 MHz

N6NB	10
WB2AMU	6
KD7WPJ	5
WD5AGO	5
K6PFA	4
NØJK	4

144 MHz

N6NB	13
KQ2RP	6
KD7WPJ	5
WB2AMU	5
WD5AGO	5

222 MHz

N6NB	9
WB2AMU	2
KF6CVA	1
KJ6JZH	1
KM6NY	1

432 MHz

N6NB	10
KD7WPJ	5
WD5AGO	5
NØJK	3
WB2AMU	2

902 MHz

N6NB	7

1.2 GHz

N6NB	8
WD5AGO	1

2.3 GHz

N6NB	7

3.4 GHz

N6NB	7

5.7GHz

N6NB	7

10 GHz

N6NB	7

24 GHz

N6NB	4

Light

WA3WUL	1

Single Operator, Three Band

50 MHz

K3UHU	15
WB7FJG	12
K1TO	11
KM4ID	11
K3GM	10
N4BRF (WA2VNV, op)	10

144 MHz

K8RO	17
K9AKS	16
KV2R	15
K3UHU	11
N3MWQ	11
N4PD	11
WAØARM	11
WB7FJG	11

432 MHz

K8RO	12
K9AKS	12
N3ALN	7
N4BRF (WA2VNV, op)	7
WAØARM	7

Single Operator, FM Only

50 MHz

NL7CO	6
W2EV	5
K6MI	3
N2HJD	2
N2SCJ	2
W7AIT	2
W9AAO	2
WV9E	2

144 MHz

K2SI	6
NL7CO	6
W2EV	6
N2HJD	5
W7AIT	5

222 MHz

NL7CO	6
K6MI	5
W2EV	5
W7AIT	5
N2HJD	4
W9AAO	4

432 MHz

NL7CO	6
W2EV	6
K2SI	4
K6MI	4
N2HJD	4

Single Operator Unlimited, Low Power

50 MHz

WBØYWW	18
K2CYE	11
KF7PCL	11
K2QO	10
KA3HED	10
VE3DS	10

144 MHz

WBØYWW	27
KA3HED	16
VE3DS	16
K2QO	15
AA5AM	11
K5VIP	11
KJ6HUP	11

222 MHz

VE3DS	12
WD9GJK	6
AA5AM	5
NE1F	2
NF1O	2
WB2BYP	2

432 MHz

WBØYWW	23
VE3DS	13
KA3HED	9
WD9GJK	7
AA5AM	5
K5VIP	5

902 MHz

VE3DS	2
WB2BYP	2

1.2 GHz

VE3DS	4
WB2BYP	2
KA6BIM	1
W7SUA	1
WD9GJK	1

Single Operator Unlimited, High Power

50 MHz

K1TOL	44
K2ZD	25
KØSIX	20
K2PLF	18
K3TUF	18

144 MHz

KAØRYT	35
W3BFC	27
K3TUF	24
KØSIX	20
W7MEM	20

222 MHz

K3TUF	15
KØSIX	11
WA6OSX	8
KG7P	4
VE2UG	3

432 MHz

K3TUF	17
KØSIX	12
WA6OSX	8
W7MEM	7
AI1K	5

902 MHz

K3TUF	8
WA6OSX	4
KG7P	1

1.2 GHz

K3TUF	8
WA6OSX	6
KG7P	2
VE2UG	2

2.3 GHz

K3TUF	6

3.4 GHz

K3TUF	3

5.7GHz

K3TUF	5

10 GHz

K3TUF	4

24 GHz

K3TUF	4

Multioperator
(-L Limited Multioperator)

50 MHz

K5QE-L	50
N3NGE	42
K2LIM-L	39
W3SO-L	30
N8ZM-L	22

144 MHz

K5QE-L	110
K2LIM-L	47
N3NGE	45
W3SO-L	35
N8ZM-L	26

222 MHz

K2LIM-L	36
N3NGE	32
W3SO-L	20
N8ZM-L	18
K5QE-L	12

432 MHz

K2LIM-L	33
N3NGE	30
W3SO-L	26
K5QE-L	25
N8ZM-L	20

902 MHz

N3NGE	12
N4JQQ	5
WB3IGR	5
KBØHH	4
WA3EHD	4

1.2 GHz

N3NGE	11
WB6W	7
W8RU	6
KBØHH	4
KBØZO	4
N4JQQ	4

2.3 GHz

N3NGE	10
N4JQQ	4
W1XM	3
WA3EHD	3
W4NH	1

3.4 GHz

N3NGE	5
WA3EHD	2

5.7 GHz

N3NGE	5
W4NH	1

10 GHz

N3NGE	5
W4NH	1
WA3EHD	1

Light

N3NGE	1
WA3EHD	1
WB3IGR	1

(Classic) Rover

50 MHz

KA9VVQ/R	15
W9FZ/R	15
WA7BBJ/R	12
K6FGV/R	11
KK6MC/R	11

144 MHz

KA9VVQ/R	18
W9FZ/R	18
VE3OIL/R	16
KF2MR/R	12
AG4V/R	11
K8GP/R	11
KK6MC/R	11
N6HB/R	11
N6ORB/R	11

222 MHz

KA9VVQ/R	14
W9FZ/R	14
VE3OIL/R	11
K6FGV/R	10
K8GP/R	10
N6VI/R	10
W6TE/R	10
W6TTF/R	10
WA6WTF/R	10

432 MHz

KA9VVQ/R	16
W9FZ/R	16
VE3OIL/R	11
K6FGV/R	10
K8GP/R	10
KK6MC/R	10
N6HB/R	10
N6VI/R	10
W6TE/R	10
W6TTF/R	10
WA6WTF/R	10

902 MHz

K6FGV/R	10
N6VI/R	10
W6TE/R	10
W6TTF/R	10
WA6WTF/R	10

1.2 GHz

K6FGV/R	10
N6VI/R	10
W6TE/R	10
W6TTF/R	10
WA6WTF/R	10

2.3 GHz

K6FGV/R	10
N6VI/R	10
W6TTF/R	10
WA6WTF/R	10
N6HB/R	9

3.4 GHz

K6FGV/R	10
N6VI/R	10
N6HB/R	9
W6TTF/R	9
WA6WTF/R	9

5.7 GHz

K6FGV/R	10
N6VI/R	10
W6TTF/R	10
WA6WTF/R	10
N6HB/R	9

10 GHz

K6FGV/R	10
N6VI/R	10
W6TTF/R	10
WA6WTF/R	10
N6HB/R	9

24 GHz

K6FGV/R	10
N6VI/R	10
W6TE/R	10
N6HB/R	9
W6TTF/R	7
WA6WTF/R	7

Light

NN3Q/R	2
VE3OIL/R	2

Limited Rover

50 MHz

ACØRA/R	21
WW7D/R	16
VE7JH/R	13
K2JB/R	11
K2EZ/R	10
N2ZBH/R	10

144 MHz

ACØRA/R	31
K2EZ/R	18
W5VY/R	18
WW7D/R	17
K2JB/R	13
N2ZBH/R	13
VE7JH/R	13

222 MHz

ACØRA/R	23
WW7D/R	10
K2EZ/R	9
N2ZBH/R	7
VE7JH/R	7
W5VY/R	7

432 MHz

ACØRA/R	23
WW7D/R	11
K2EZ/R	8
W5VY/R	8
KØBAK/R	7

Unlimited Rover

50 MHz

N2SLN/R	19
W7QQ/R	12
K7NIT/R	11
KCØSKM/R	7
N6ZE/R	7

144 MHz

N2SLN/R	18
K7NIT/R	14
KCØSKM/R	13
W7QQ/R	11
N6ZE/R	9

222 MHz

KCØSKM/R	12
N2SLN/R	10
N6ZE/R	7
AB4CR/R	5
K1DS/R	5
K7NIT/R	5

432 MHz

KCØSKM/R	12
N2SLN/R	12
W7QQ/R	10
N6ZE/R	7
K7NIT/R	6

902 MHz

K1DS/R	5
N2QIP/R	4
N7HQR/R	4
K7NIT/R	3
K3IUV/R	2
N6ZE/R	2

1.2 GHz

W7QQ/R	9
K1DS/R	5
N2QIP/R	4
KCØSKM/R	3
N7HQR/R	3

2.3 GHz

K1DS/R	5
K3IUV/R	2
AB4CR/R	1

3.4 GHz

K1DS/R	5
K3IUV/R	2
AB4CR/R	1

5.7 GHz

K1DS/R	4
K3IUV/R	2

10 GHz

K1DS/R	4
K3IUV/R	2
AB4CR/R	1

24 GHz

W7QQ/R	5
K1DS/R	3
K3IUV/R	1

Light

K1DS/R	3
K3IUV/R	2