

Results, 2002 ARRL June VHF QSO Party

E-skip, tropo and the merry month of June.

The ARRL June VHF QSO Party is a unique activity in the Amateur Radio contesting experience. There are numerous reasons why this contest has a loyal following from the VHF contester and casual operator alike. This June contest is held in the middle of the northern hemisphere's sporadic E season that, in some years, offers productive openings on the lower VHF bands to satisfy the entrant's desire for large QSO totals and resultant high scores. A VHF contest in the temperate summer months enables access to optimum VHF operating locations on mountains and hinterlands to lure Rovers and Single Operator Portable station operators. Also, this contest is held during the summer months when students and families are more likely to operate from vacation spots away from the usual locations.

This contest is different from the September and January ARRL VHF contests in another way. The June contest does not feature a club competition. In the June contest, the competition pits rover against rover, single operator against single operator and operating team against operating team. Winners in a head-to-head competition can be determined by the amount of pre-contest preparation, the skill and ability to maximize contacts or multipliers in openings, and the ability to make tactical decision in changing bands conditions. In many regards, however, the number of operators within range of nominal VHF/UHF propagation determines contest scores. And, quite often, there is the element of luck in being in a location that is blessed with bountiful VHF propagation during the contest period.

Regional competitions offer the ability for operators in various areas of the country to compete with their local peers. This may not completely "level the playing field" but it does promote competition between contestants that have similar propagation and VHF participant activity levels. One would be hard-pressed to assemble a



All VHF/UHF bands through 2304 are covered on this tower at N2BJ in Illinois.

Expanded June VHF QSO Party Results on the ARRL Web

Interested in more in-depth coverage of the final results? Check out the ARRL Contest Results Web site at www.arrl.org/contests/results.

Need a Printout of the Complete Results?

ARRL members without Internet access may obtain a printout in Adobe Acrobat PDF format of the complete line scores by sending a self-addressed, stamped envelope to ARRL Contest Results, 225 Main St, Newington CT 06111. Please be sure to include the contest name and year.

Multioperator contest station in central Kansas that would realistically compete with W2SZ/1 on Mount Greylock in Western Massachusetts. However, that same sta-

tion in central Kansas would probably not whine about being bested by NØUK, a perennial favorite (and 2002 leader) in the Midwest Region.

The low level of sporadic E propagation significantly affected the 2002 June VHF QSO Party competition. For all operating classes except the multioperator, scores are dominated by the QSO and grid counts accumulated on the lower VHF bands. In many parts of the country, however, there were virtually no openings noted. Stations that rely on this mode of propagation in the June contest to amass a winning score are missing from the regional leader tables. Some call signs rarely seen on the top of the heap are evident this year pointing out that there are strong competitors in all regions ready to take advantage in the opportunities presented in this contest.

Summary of 2002 June VHF QSO Party Competition

A total of 673 logs were submitted in the 2002 event. This number is virtually unchanged from last year. There was a slight increase in the number of low power, single operator logs. This category has grown to 318 log entries in 2002 from 253 in 2001. The high power category has tailed off dramatically from 243 log entries in 2001 to 157 in 2002. In general, the number of single operator logs (high power plus low power categories) is very nearly the same in this year's competition from 2001.

There was a 33% increase in the number of Limited Multioperator logs in 2002 over last year. In part, this was due to changes in operating category by some traditional multioperator stations into the limited class, but not entirely due to that effect. The Limited Multioperator category is wide open to competition in all regions.

The number of Multioperator category log entries is off 10% this year. A reduction in the number of multioperator stations raises an alarm in the minds of some operators of the higher VHF bands. A

Top Ten

Single Operator, Low Power

WB1GQR	154,068
K1UHF	127,798
KB8U	116,025
AF1T	94,170
NØLL	65,667
W1PM	60,024
N9DG	59,498
KC8CCD	51,471
K8WW	48,776
WA3EOQ	48,642

Limited Multioperator

K8GP	1,118,676
K3YTL	619,487
W4IY	526,990
AA4ZZ	376,259
K2BAR	341,124
W3SO	332,904
N2NK	220,032
W4NH	210,984
NØQJM	171,798
K8CC	169,855

Single Operator, High Power

K1TEO	481,399
K1RZ	354,530
AA2UK	323,680
K3DNE	235,879
W4RX	234,210
WB9Z	223,486
W2FU	206,540
K2SMN	171,644
K4QI	164,944
KMØT	151,105

Multioperator

W2SZ	2,763,726
W3CCX	984,960
N3EMF	983,723
N2PA	488,348
K1WHS	334,152
NØUK	235,599
W9ICE	210,930
WV8M	207,669
N8KOL	111,600
N7LQ	82,128

Single Operator Portable

K9PW	144,384
K9AKS	65,685
AF4HX	60,495
K6MI	29,256
W4RXR	15,392
N3EG	15,120
W9GKA	7,865
N8XA	6,837
KQ6EE	6,160
KA6AMD	5,890

Rover

ND3F	311,344
W3IY	258,579
N2JMH	123,571
N6TEB	107,610
W6TOI	107,244
N7CFO	104,830
W7DHC (+top)	80,682
VE3NPB	67,158
WA2IID	59,415
KC3WD	54,055



Joe, N5QYX, EM36, says, "You don't have to be a 'big gun' to have fun in VHF/UHF contests!"

very high percentage of the microwave band contacts involve a multioperator station on at least one end. A further decline in the number of multioperator stations could impact the activity on these critical bands in this contest.

The number of Single Operator Portable log entries remained about the same in 2002 as in last year's competition. This category continues to be an attractive alternative to operators looking for an open competition category.

There was a 47% increase in the number of rover logs this year. This is clearly a positive trend that will hopefully continue. This increase in rover activity occurred despite dramatic restriction to forestlands in the west and southwest due to the sustained drought and resultant tinder-dry forests.

Overall National Results

This year's top honor for Single Operator Low Power is WB1GQR. He placed third nationally in 2001 and has worked his way to the top this year. It is no secret how he accomplished this feat. From the New England Region, grids are geographically limited but VHF activity in these limited numbers of grids is high. WB1GQR was the QSO total leader in the nation on 50, 144 and 222 MHz bands, which is a sound approach to winning this operating category.

K1TEO repeats as top operator in the high power category. His efforts have established a new watermark for the High

Power category (established in 2000). K1TEO either led or placed extremely high on the list of QSO leaders on all of the lower VHF bands in his effort to lead this operating category.

K9PW, after winning Single Operator Low Power in 2001, moved his focus to the Single Operator Portable category in 2002. He has established a new standard in this category that will be hard to beat.

There was a spirited competition in the Limited Multioperator category in 2002. In bold moves, both K8GP and K3YTL moved from Multioperator category from 2001 into the Limited category and dominated the competition. The Grid Pirates (K8GP) took top honors in 2002 with an amazing score of 1.12M points. This is the first time since its inception in 1991 that the 1-meg mark has been broken in this operating category. K8GP operators either led or were second in QSO totals on the lower four VHF bands and were the multiplier leaders on every one of the lower four bands in the multioperator categories.

W2SZ/1 repeats as number one in the Multioperator category. Their effort to accumulate 2.76 million points establishes yet another new standard for this operating category. This year's effort netted nearly 3000 QSOs from 50 MHz to 300 GHz.

The rover competition is always interesting in the June VHF QSO Party. This operating category has been won from every ARRL Region since it was added as an operating category in 1991. ND3F edged out W3IY in this year's Rover category competition. ND3F (national rover leader in 1995 and 1996) amassed 311,344 points this year to set a new scoring record for rovers in the June VHF QSO party.

Regional Results

Single Operator, Low Power

Northeast Region—The principal competition in this region is between

Vermont Contest Radio station WB1GQR and Del, K1UHF. Despite subpar conditions, WB1GQR established a new Northeast Region record in the relatively new Single Operator Low Power category from this year's effort. Total QSOs made by WB1GQR was the key to success in this close competition.

Southeast Region—Dave, K8WW, a somewhat recent transplant from Ohio to Tennessee led the pack by a substantial margin in this region. An impressive 6 meter effort was principally responsible for his score.

Central Region—KB8U easily outdistanced himself from the competition from central Michigan. Russell has recently rebuilt his antenna system from an ice storm and seems to have done the job correctly.

Midwest Region—Larry, NØLL, participated in his 83rd (approximately) consecutive VHF contest this year. As in many of his past efforts, Larry again shows his mastery of the VHF/UHF bands and posted the leading score for Low Power in the Midwest Region.

West Coast Region—A very close competition took place in this category in the West Coast region. The principal, head-to-head battle took place between N6MU and VE7DXG. N6MU edged out the pack to take this region for the second straight year. VE7XF, NN7J and KC6TEU also posted competitive scores from this region. The West Coast region stretches across more degrees of latitude than any other and, historically, the southernmost stations tend to dominate. The E-skip drought this year appears to have had more impact on the southern-tier stations, leaving the door open to northern operators.

Single Operator, High Power

Northeast Region—The competition in the Northeast region, top to bottom, is undoubtedly the toughest in this contest. Jeff, K1TEO, has repeated as top gun in this category this year. His 481,399 points set a new mark, not just in this region, but in the nation for this category. K1TEO's results were achieved by both high QSO counts on most bands in addition to high multiplier tallies on nine VHF/UHF bands. K1RZ and AA2UK also produced significant scores from the Northeast Region.

Southeast Region—W4RX repeats as Southeast Region leader in the Single Operator High Power category. W4RX led by a wide margin over K4QI who also produced a substantial score from North Carolina.

Central Region—WB9Z produced an outstanding score from Illinois. He easily outscored K8MD to lead the Central region.

Midwest Region—KMØT repeats as



VE2ZP set up their Limited Multioperator station on high ground near Ottawa.



The N3EMF operators include W2XX, N2GDY, W2IX, N2DVQ, N3EMF, WB2NVR, WB2NHC, WB2BTJ, N2FMC, N2GCZ, N2GKM and N2DHH.

Midwest leader in the High Power category. Mike did not eclipse his score from last year but took advantage of the available propagation to easily outdistance himself from his competitors in the southern states of this region.

West Coast Region—In similar fashion as other regions, the northern-tier operators reign supreme in the West Coast region. N7AU edged out significant efforts from both K7RAT (N6TR, Tree, operator) and NU7Z.

Single Operator Portable

Northeast Region—With all of the incredible scores from this region, it is curious why more operators do not enter this category in the Northeast. In this year's contest, K2QO set up shop on high ground in FN02 and outscored N1DJB.

Southeast Region—AF4HX repeats this year as leader of the Southeast region with an impressive score from North Carolina.

Central Region—Pete, K9PW, made an impressive display of his VHF/UHF operating prowess in this year's event. He had led impressive single operator low power efforts over the past two years from home. This year, he moved into the Single Operator Portable category and not only won the region but also established regional and national record setting scores in the process.

Midwest Region—Curt, K9AKS, takes his Single Operator Portable activity to the Midwest in this year's contest. Curt made a last minute decision to operate from Iowa instead of his usual location in Wisconsin, where he had led the Central region for the past two years. This year's effort from Curt has established a new category record in the Midwest region.

West Coast Region—K6MI repeats as the West Coast Single Operator Portable champ.

Limited Multiop

Northeast Region—K3YTL returns to the Limited Multioperator category this year and headed the pack in the competitive Northeast. The Murgas Amateur Radio Club, K3YTL, was the leader in this category in the Northeast in 1999 and 2000. This year's effort has established a record score from this active contest club. Significant scores were also placed on the board from K2BAR, W3SO and N2NK from this region.

Southeast Region—The "Grid Pirates," K8GP, switched from Multioperator to Limited Multioperator this year and made a huge impact in the process. K8GP broke the 1-million point barrier with impressive efforts on every band they activated. Their efforts established a new standard for this category that will be difficult to match.

Central Region—The VHF contest operation at K8CC continues to improve. A strong effort from Dave's team bested the efforts of last year's Central Region leader, NI9E.

Midwest Region—The monster station of South Dakota, N0QJM (or W7XU in some years) put an impressive station to work to lead the pack in the Midwest region.

West Coast Region—VE6JW took full advantage of propagation and took West Coast region. This marks the very first time in the June VHF competition that a station from Canada has had a leading score in a multioperator category. Congratulations to the team at VE6JW!

Multioperator

Northeast Region—W2SZ continues to set new standards in this category. This team has put up the top score in the Northeast for eight of the past nine years, and seven years in a row. Their 2.76M point effort establishes a new Multioperator category record for the June VHF QSO Party. Outstanding efforts

were also evident by the substantial scores from W3CCX and N3EMF.

Southeast Region—NW5E snuck in a leading score in this region in the Multioperator category.

Central Region—W9ICE barely edged out WW8M in a highly competitive region. W9ICE repeated as the Central region leader in 2002.

Midwest Region—The team at N0UK repeated as Midwest champs and easily outdistanced the competition.

West Coast Region—The team at N7LQ had placed second for too many years in a row. This year, they persevered and produced the top score in the West Coast in the Multioperator category.

Rover


Northeast Region—ND3F submitted an outstanding score and led both the Northeast region and the nation. His score set an all-time June VHF QSO Party record in the Rover category.

Southeast Region—W3IY submitted personal best rover score this year. W3IY's effort established a new record in the Rover category in the Southeast.

Central Region—VE3PNB ruled the rover class again this year in the Central region.

Midwest Region—N0DQS's efforts this year led him to win the Midwest region.

West Coast Region—This year's competition resulted in an incredible three-way competition between N6TEB, W6TOI and N7CFO in the West Coast Rover category. When it was all over, N6TEB barely edged out W6TOI by an equivalent of about three QSOs.

The 2003 ARRL June VHF QSO Party will be contested June 14-16. We look forward to seeing you on the air with lots of QSOs through the E-skip and tropo in the merry month of June. 

Division Leaders

Single Operator Low Power

Atlantic	WA3EOQ	48,642
Central	N9DG	59,498
Dakota	K0SHF	16,678
Delta	K8WW	48,776
Great Lakes	KB8U	116,025
Hudson	WB2SIH	33,852
Midwest	N0LL	65,667
New England	WB1GQR (W1SJ,op)	154,068
Northwestern	NN7J	32,928
Pacific	N6MU (@N6NB)	47,724
Roanoke	K4RTS	27,368
Rocky Mountain	NJ7A	23,408
Southeastern	W4OZK	19,116
Southwestern	AC6TA	13,200
West Gulf	W5SXD	21,424
Canada	VE7DXG	45,792

Single Operator Portable

Atlantic	K2QO	5,280
Central	K9PW	144,384
Dakota	—	—
Delta	—	—
Great Lakes	N8XA	6,837
Hudson	WB2AMU	1,701
Midwest	K9AKS	65,685
New England	N1DJB	4,408
Northwestern	N3EG	15,120
Pacific	K6MI	29,256
Roanoke	AF4HX	60,495
Rocky Mountain	K0NR	2,400
Southeastern	AB4WL	55
Southwestern	KQ6EE	6,160
West Gulf	—	—
Canada	—	—

Multioperator

Atlantic	W3CCX	984,960
Central	W9ICE	210,930
Dakota	N0UK	235,599
Delta	AG4V	8,710
Great Lakes	WW8M	207,669
Hudson	AB2I	15,120
Midwest	KA0MR	31,320
New England	W2SZ	2,763,726
Northwestern	K7CW	40,208
Pacific	N7LQ	82,128
Roanoke	—	—
Rocky Mountain	W0EEA	34,125
Southeastern	NW5E	37,962
Southwestern	AD6J	35,960
West Gulf	N5XU	3,600
Canada	—	—

Single Operator High Power

Atlantic	K1RZ	354,530
Central	WB9Z	223,486
Dakota	KF0Q	45,934
Delta	KD5HPT	44,415
Great Lakes	K8MD	122,304
Hudson	W2FCA	39,195
Midwest	KM0T	151,105
New England	K1TEO	481,399
Northwestern	N7AU	93,052
Pacific	W6KBX	37,100
Roanoke	W4RX	234,210
Rocky Mountain	K5AM	62,205
Southeastern	W4EUH	59,600
Southwestern	K6TSK	32,688
West Gulf	K5LLL	60,030
Canada	VE5UF	29,160

Limited Multioperator

Atlantic	K3YTL	619,487
Central	N19E	125,944
Dakota	N0QJM	171,798
Delta	—	—
Great Lakes	K8CC	169,855
Hudson	K2BAR	341,124
Midwest	K0CNN	986
New England	W1QK	130,832
Northwestern	W7QH	14,124
Pacific	W6MMM	27,010
Roanoke	K8GP	1,118,676
Rocky Mountain	W0LSD	18,144
Southeastern	N4ION	21,160
Southwestern	KF6YYV	17,952
West Gulf	K5TR	77,844
Canada	VE6JW	35,819

Rover

Atlantic	ND3F	311,344
Central	K0PG	35,190
Dakota	KB0ZKX	17,000
Delta	WA4YRK	7,258
Great Lakes	AL1VE	52,824
Hudson	WA2IID	59,415
Midwest	N0DQS	51,156
New England	N1FGY	26,465
Northwestern	N7CFO	104,830
Pacific	N7ROJ	7,722
Roanoke	W3IY	258,579
Rocky Mountain	KB5GY	4,836
Southeastern	—	—
Southwestern	N6TEB	107,610
West Gulf	WB5VYE	7,740
Canada	VE3NPB	67,158

Region Leaders

Northeast Region

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

WB1GQR	154,068	A
(W1SJ, op)		
K1UHF	127,798	A
AF1T	94,170	A
W1PM	60,024	A
WA3EOQ	48,642	A

K1TEO	481,399	B
K1RZ	354,530	B
AA2UK	323,680	B
K3DNE	235,879	B
W2FU	206,540	B

K2QO	5,280	Q
N1DJB	4,408	Q
WB2AMU	1,701	Q
KV1J/1	1,020	Q
NM1K	12	Q

K3YTL	619,487	L
K2BAR	341,124	L
W3SO	332,904	L
N2NK	220,032	L
W1QK	130,832	L

W2SZ	2,763,726	M
W3CCX	984,960	M
N3EMF	983,723	M
N2PA	488,348	M
K1WHS	334,152	M

ND3F	311,344	R
N2JMH	123,571	R
WA2IID	59,415	R
N1MU	44,462	R
KD4DSX	30,208	R

Southeast Region

(Delta, Roanoke and Southeastern Divisions)

K8WW	48,776	A
K4RTS	27,368	A
KD4HIK	20,250	A
K1LH	19,500	A
W4OZK	19,116	A

W4RX	234,210	B
K4QI	164,944	B
K2UOP	97,120	B
KE8FD	95,400	B
W4EUH	59,600	B

AF4HX	60,495	Q
W4RXX	15,392	Q
AB4WL	55	Q

K8GP	1,118,676	L
W4IY	526,990	L
AA4ZZ	376,259	L
W4NH	210,984	L
N4ION	21,160	L

NW5E	37,962	M
AG4V	8,710	M

W3IY	258,579	R
KC3WD	54,055	R
K9OYD	26,040	R
W4/ON1CFX	12,452	R
WA4YRK	7,258	R

Central Region

(Central and Great Lakes Divisions; Ontario Section)

KB8U	116,025	A
N9DG	59,498	A
KC8CCD	51,471	A
N9GH	28,968	A
KB9PJL	27,930	A

WB9Z	223,486	B
K8MD	122,304	B
K8TQK	82,521	B
K9EA	79,016	B
N2BJ	55,418	B

K9PW	144,384	Q
W9GKA	7,865	Q
N8XA	6,837	Q
N9MYK	4,944	Q
WN8ATM	1,887	Q

K8CC	169,855	L
N19E	125,944	L
N8ZM	52,925	L

W9ICE	210,930	M
WW8M	207,669	M
N8KOL	111,600	M
K9RN	40,546	M
W9RVG	34,671	M

VE3NPB	67,158	R
AL1VE	52,824	R
K0PG	35,190	R
K8DOG	27,072	R
N9RLA	8,800	R

Midwest Region

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

N0LL	65,667	A
N0URW	42,431	A
N0PB	30,702	A
NJ7A	23,408	A
W5SXD	21,424	A

KM0T	151,105	B
K5AM	62,205	B
K5LLL	60,030	B
W6OAL	52,029	B
W3XO	48,678	B

K9AKS	65,685	Q
K0NR	2,400	Q
AE0Q	532	Q
AB0MV	518	Q

N0QJM	171,798	L
K5TR	77,844	L
W0LSD	18,144	L
N0UD	9,348	L
N0EO	7,360	L

N0UK	235,599	M
W0EEA	34,125	M
KA0MR	31,320	M
W1XE	13,965	M
W0KVA	10,731	M

N0DQS	51,156	R
KB0ZKX	17,000	R
K8DXN	13,440	R
WB5VYE	7,740	R
N0LAN	5,412	R

West Coast Region

(Pacific, Northwestern and Southwestern Divisions; Alberta, British Columbia and NWT/Yukon Sections)

N6MU	47,724	A
VE7DXG	45,792	A
VE7XF	35,800	A
NN7J	32,928	A
KC6TEU	23,579	A

N7AU	93,052	B
K7RAT	79,407	B
(N6TR, op)		
NU7Z	71,548	B
W7EW	46,548	B
K7ND	43,800	B

K6MI	29,256	Q
N3EG	15,120	Q
KQ6EE	6,160	Q
KA6AMD	5,890	Q
WA6ARA	120	Q

VE6JW	35,819	L
W6MMM	27,010	L
KF6YYV	17,952	L
W7QH	14,124	L
KF6KDA	9,412	L

N7LQ	82,128	M
N9JIM/6	43,032	M
K7CW	40,208	M
AD6J	35,960	M
W6AMT	25,599	M

N6TEB	107,610	R
W6TOI	107,244	R
N7CFO	104,830	R
W7DHC (+op)	80,682	R
W7GHZ	47,479	R

QSO Leaders by Band

Single Operator, Low Power		Single Operator, High Power		Single Operator, Portable		Limited Multioperator 50 MHz		Multioperator 50 MHz		Rover 50 MHz	
50 MHz		50 MHz		50 MHz		50 MHz		50 MHz		50 MHz	
WB1GQR (W1SJ, op)	256	WB9Z	379	K9PW	161	K8GP	879	W2SZ	777	W7DHC	169
N6MU (@N6NB)	244	K5AM	334	AF4HX	114	K3YTL	628	N3EMF	677	N7CFO	122
WD5K	186	K8LEE	327	K9AKS	112	K2BAR	573	W3CCX	674	KB1EAA	117
K1UHF	184	K7RAT (N6TR, op)	283	N3EG	112	W4IY	491	K1WHS	412	N2JMH	114
VE7DXG	184	K3ZO	282	W4RXR	60	W1QK	466	N2PA	352	W3IY	114
K8WW	182	K1TEO	277	W9GKA	46	N2NK	445	N0UK	298	WA2IID	114
NN7J	182	N7AU	276	KQ6EE	41	W4NH	432	W9ICE	210	K7MDL	113
VE7XF	182	W3EP	276	N9MYK	38	AA4ZZ	407	K7CW	183	KK7GU	111
W1BQ	182	VE5UF	269	N1DJB	36	W3SO	388	K1ZE	180	N6TEB	100
N0LL	178	KD5HPT	242	K2QO	33	N0QJM	359	NW5E	180	ND3F	94
144 MHz		144 MHz		144 MHz		144 MHz		144 MHz		144 MHz	
WB1GQR (W1SJ, op)	264	K1TEO	374	K9PW	164	K8GP	768	W2SZ	720	W3IY	202
KB0LYL	201	K3TV	336	AF4HX	121	K3YTL	603	W3CCX	453	ND3F	157
K1UHF	165	K0MQS	255	K9AKS	97	W4IY	516	N3EMF	443	N2JMH	155
WB2CUT	156	K2SMN	233	K6MI	75	N2NK	421	K1WHS	326	K0PG	148
N6MU (@N6NB)	150	AA2UK	232	KA6AMD	65	K2BAR	415	N2PA	311	W7DHC	147
KB8U	120	K1RZ	205	N3EG	60	AA4ZZ	398	N8KOL	192	N6TEB	137
NL7CO	119	K3DNE	187	W4RXR	50	W3SO	345	W9ICE	183	N7CFO	136
KG4BMH	117	K1GX	178	KQ6EE	45	W1QK	224	W1XM	182	VE3NPB	134
N9DG	116	K4QI	171	K2QO	35	K8CC	220	N0UK	157	K7MDL	134
W1PM	110	W1RZF	161	W9GKA	33	W4NH	202	K9RN	131	W4/ON1CFX	130
222 MHz		222 MHz		222 MHz		222 MHz		222 MHz		222 MHz	
WB1GQR (W1SJ, op)	83	K1TEO	110	K9PW	56	K8GP	193	W2SZ	274	W3IY	125
K1UHF	63	K1RZ	80	AF4HX	54	K3YTL	192	W3CCX	140	ND3F	112
AF1T	52	AA2UK	72	K9AKS	42	W4IY	143	N3EMF	119	N2JMH	104
KB8U	46	K3DNE	71	K6MI	27	AA4ZZ	113	N2PA	116	N6TEB	79
WB2SIH	46	K2SMN	66	KQ6EE	26	W3SO	100	K1WHS	80	W6TOI	68
WA3EOQ	44	W4RX	63	N1DJB	16	K2BAR	93	W9ICE	54	KK7GU	63
N9DG	41	W2FU	59	W9GKA	14	N2NK	80	K1ZE	54	KC3WD	62
W1PM	41	K1GX	57	N3EG	13	W4NH	53	WW8M	50	VE3NPB	61
A13Z	41	K8TQK	50	KA6AMD	11	N9E	49	N8KOL	47	N7CFO	61
KC8CCD	36	K4QI	49	W4RXR	8	N3JFM	49	N0UK	46	N0DQS	59
432 MHz		432 MHz		432 MHz		432 MHz		432 MHz		432 MHz	
KE6GFF	178	K1TEO	148	K9PW	71	K8GP	368	W2SZ	447	W3IY	148
WB1GQR (W1SJ, op)	108	K1RZ	121	AF4HX	88	K3YTL	287	N3EMF	241	ND3F	129
N6MU (@N6NB)	94	K3DNE	108	K9PW	71	W4IY	226	W3CCX	235	N6TEB	117
K1UHF	78	K2SMN	102	K9AKS	53	K2BAR	199	N2PA	141	W6TOI	99
KB8U	66	W4RX	99	K6MI	44	W3SO	164	K1WHS	130	W7DHC	83
AF1T	60	AA2UK	92	W4RXR	35	AA4ZZ	154	WW8M	91	KK7GU	82
WB2SIH	59	WB9Z	86	KA6AMD	30	K8CC	107	W9ICE	89	N7CFO	76
VE7DXG	59	K4QI	76	KQ6EE	29	W4NH	77	K1ZE	80	WB6JDH	76
N9DG	55	W2FU	76	N3EG	27	N9E	74	AD6IJ	79	K7MDL	75
W1PM	55	K1GX	73	K0NFR	19	N3JFM	65	N0UK	71	VE3NPB	69
902 MHz		902 MHz		902 MHz		1296 MHz		902 MHz		902 MHz	
AF1T	21	K1RZ	45	K9PW	16	W3KWH	18	W2SZ	153	W3IY	68
N1DPM	14	K1TEO	41	K6MI	13	W6MMM	15	W3CCX	46	N7CFO	34
W1PM	13	K3DNE	37	N8XA	4	N1LDY	8	W3CCX	36	W7GHZ	28
WB1GQR (W1SJ, op)	12	W4RX	33	KA6AMD	2	KC6UCN	1	N2PA	33	N6TEB	25
K4RTS	10	AA2UK	30	K9PW	23	VE6JW	1	N3EMF	27	N2JMH	24
KB8U	8	W2FU	27	K6MI	13			K1WHS	25	W6TOI	22
W1BQ	8	K1GX	27	KA6AMD	4			W9ICE	15	WA2IID	20
K4TO	7	K2SMN	26	1296 MHz				N0UK	13	KD4DSX	18
WA3NWL	7	K8TQK	19	K9PW	23			WA3ZKR	9	KC3WD	17
KC8CCD	6	W1GHZ	19	K6MI	22			K3EOD	8	N1MU	17
1296 MHz		WA1MBA	19	K9AKS	12			1296 MHz		1296 MHz	
K1UHF	29	1296 MHz		AF4HX	12			W2SZ	172	ND3F	76
W6AQ	29	K1RZ	64	KA6AMD	9			W3CCX	63	W3IY	70
WA3EOQ	27	K1TEO	59	KQ6EE	8			WW8M	48	W6TOI	50
AF1T	22	K3DNE	46	W4RXR	4			N3EMF	46	N7CFO	45
WB1GQR (W1SJ, op)	17	AA2UK	45	N8XA	3			N2PA	35	N6TEB	41
K4RTS	17	K2SMN	41	N9MYK	1			AD6IJ	30	KK7GU	40
W6GYD	17	W4RX	40	K09A	1			K1WHS	29	W7GHZ	32
N1DPM	16	W2FU	35	2304 MHz				W9ICE	22	K6FZZ	32
W1PM	15	K1GX	32	K6MI	12			N0UK	21	W7DHC	32
KC6TEU	14	K6TSK	31	K9PW	6			N9JIM/6	20	N2JMH	27
2304 MHz		K4QI	24	3456 MHz				2304 MHz		2304 MHz	
K1UHF	13	2304 MHz		K9PW	2			W2SZ	124	ND3F	46
AF1T	11	K1RZ	36					W3CCX	36	W3IY	44
N1DPM	11	AA2UK	24					N3EMF	31	N6TEB	26
WB1GQR (W1SJ, op)	7	K3DNE	24					WW8M	20	N7CFO	26
KB8U	5	W4RX	23					N0UK	11	W6TOI	24
K0VXM	5	W2FU	22					K1WHS	10	W7GHZ	22
KC8CCD	4	K1TEO	20					N7LQ	10	N2JMH	20
K4EFD	4	KM0T	15					N2PA	9	K9OYD	17
W1BQ	3	NU7Z	13					WA3ZKR	8	N1MU	15
K2KIB	2	K2SMN	12					K9RN	4	KD4DSX	14
3456 MHz		N3NGE	12					W1XE	4	NN5DX	14
N1DPM	8	K2UOP	12					3456 MHz		3456 MHz	
AF1T	7	3456 MHz						W2SZ	105	ND3F	30
K4EFD	5	K1TEO	16					W3CCX	28	W3IY	22
WB1GQR (W1SJ, op)	3	AA2UK	14					N3EMF	22	N7CFO	20
KC8CCD	3	W2FU	13					WW8M	13	W7GHZ	18
K4FJW	1	KM0T	13					K1WHS	7	W6TOI	17
		WA1MBA	10					N2PA	6	N6TEB	17
		WZ1V	8					WA3ZKR	4	N2JMH	13
		W4RX	6							N1MU	12
		N3NGE	6							N0DQS	12
		K1GX	6							N1FGY	9
		NU7Z	6							KJ1K	9

Scores

Each line score lists call sign, score, QSOs, multipliers, entry category (see below), number of grids activated for Rover stations, and bands used (see below). Band leaders for Single Operator Low Power and Single Operator High Power entries in each Section are shown in boldface type.

Entry classes: A = Single Operator Low Power; B = Single Operator High Power; Q = Single Operator Portable; L = Limited Multioperator; M = Multioperator; R = Rover.

Bands used: A = 50 MHz; B = 144 MHz; C = 222 MHz; D = 432 MHz; 9 = 902 MHz; E = 1296 MHz; F = 2304 MHz; G = 3456 MHz; H = 5760 MHz; I = 10 GHz; J = 24 GHz; K = 47 GHz; L = 75 GHz; M = 119 GHz; N = 142 GHz; O = 241 GHz; P = 300+ GHz.

1

Connecticut

K1UHF	127,798	543	157	A	ABCDEFI
K1WVX	5,236	91	44	A	ABCDE
K1ZZ	3,675	90	35	A	ABD
KA1KOJ	1,430	48	26	A	ABD
N1WCL	774	39	18	A	ABD
W1DMM	560	35	16	A	AB
W1JN	555	37	15	A	AB
WA1FVJ	462	30	14	A	ABD
KB1GHL	276	23	12	A	B
K1TEO	481,399	1053	293	B	ABCD9EFGI
K1GX	120,840	469	152	B	ABCD9EFGHI
W3EP	55,842	413	123	B	ABDE
W21V	36,358	212	98	B	ABD9EFG
K1KI	3,861	114	33	B	ABD
K5GMX	1,378	50	26	B	ABD
N1OFZ	1,254	53	22	B	ABD
WA1GTP	888	34	24	B	ABC
W1QK (+W1NG, N1ABY, KA1SYG, K1PHG, K2ZZ)	130,832	787	148	L	ABCD
KB1DFB (@KB1H) (+N1XS, KE1LI)	63,828	501	108	L	ABCD
N1NW (KE1IU, KB1FUO, KB1FKL, KA6PDG, N1URA, WT1SND, ops)	1,160	57	20	L	ABD
K1ZE (+N1DGF)	70,380	448	115	M	ABCD9E
W1ORS (K1TMW, N1PLP, ops)	780	52	15	M	A

Eastern Massachusetts

W1PM	60,024	336	123	A	ABCD9E
N1GJ	12,852	135	63	A	ABCD9EF
K5MA	7,520	159	47	A	ABC
KA1EKR	5,400	87	40	A	BCDE
K1YZ	3,502	84	34	A	ABDE
N1FDX	1,848	88	21	A	AB
W1DYJ	1,729	91	19	A	AB
N1VQR	810	46	15	A	ABD
K1VU	297	26	11	A	ABD
N1BC	245	29	7	A	ABD
W1GHZ	47,628	367	84	B	ABCD9EI
N1LDY (+KE1AK)	27,090	256	86	L	ABDE
AA1VL (+KB1FXY)	17,050	270	55	L	ABD
W1XM (KT1D, KB1CGZ, W1GSL, N6TCT, KB1GRS, KA2ZLZ, N1UEJ, KB1FMP, KD1KY, ops)	53,268	448	92	M	ABCD9EI

Maine

W1BQ	43,884	368	92	A	ABCD9EF
W1MU	1,134	42	27	A	A
KV1J/1	1,020	44	20	Q	ABD
K1WHS (+K1DY, K1CA, K1BX, WA1T, W1MRQ, WB2ONA, N1LB1)	334,152	1023	238	M	ABCD9EFGH

New Hampshire

AF1T	94,170	436	129	A	ABCD9EFGHIP
AA1YN	19,200	209	64	A	ABCDE
AC1J	9,284	155	44	A	ABCDE
N1JHJ	2,178	80	22	A	ABCD
AE1D	32	8	4	A	B
K2HZN	57,702	369	118	B	ABCD9E
W1ZC	13,113	211	47	B	BD
WW1Z	3,224	78	31	B	ABCD9
N1NUM	2,000	69	25	B	ABCD

Rhode Island

WB2VVV	3,816	70	36	A	ABCD9EF
W1CPC	1,470	51	21	A	ABCD
W1XX	62,920	426	121	B	ABCD
W1BAT	658	47	14	B	A

Vermont

WB1GQR (W1SJ, op)	154,068	753	148	A	ABCD9EFGI
K1LPS	3,040	66	32	A	ABCD9E
W1AIM	6,708	87	52	B	ABCD9E
N1DJB	4,408	87	38	Q	ABCD

Western Massachusetts

N1DPM	31,195	185	85	A	ABCD9EFGI
K1MAP	686	41	14	A	ABD
N1VOR	645	43	15	A	B
W1RZF	42,432	337	96	B	ABCD
WA1MBA	31,995	186	79	B	ABCD9EFGHIK

N1MUW	23,944	247	73	B	ABCD9E
NM1K	12	4	3	Q	A
K1TTT (+packet)	12,412	187	58	L	ABD
W2SZ (K1EP, K2AD, K2TJ, K2TR, KB0VJO, KB2YQE, N1SV, N1SZ, N2BNY, N2NQI, N2XRE, N2YCA, N2YZO, W1SZ, W1UW, W1VE, WA1ZMS, WA2AAU, WA2SPL, WA8USA, WS2B, WW2R, ops)	2,763,726	2995	483	M	ABCD9EFGHIJLKNOP

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Eastern New York

WB2SIH	33,852	276	84	A	ABCD9E
KC2DXM	5,040	86	45	A	ABCD
W2JHO	1,530	68	18	A	ABCD
WA2YEI	1,239	53	21	A	ABCD
WB2OEE	264	22	12	A	AB
WA2BAH	91	10	7	A	BD
KA2MCU	15	4	3	A	BD
W2FW	12	3	3	A	BD
W2FCA	39,195	251	117	B	ABCD
W3HHN	18,224	174	67	B	ABCD9E
AB2I (+W2AWX, WN2Y, N2BZP)	15,120	252	60	M	AB

NYC-Long Island

K2OVS	8,874	131	51	A	ABD
KA2VZX	4,100	100	41	A	AB
N2OEQ	1,750	70	25	A	B
WB2TPS	1,377	51	27	A	AB
KB2NOW	1,150	33	25	A	ABCDE
N2TEE	147	19	7	A	BD
N2DY	33,453	290	81	B	ABCDE
WB2AMU	1,701	51	27	Q	ABCD

Northern New Jersey

K2KIB	29,260	230	95	A	ABCD9EF
WB2CUT	3,744	156	24	A	B
W2VTV	2,929	88	29	A	ABD
WA2NXX	1,265	47	23	A	ABD
K2MWW	810	23	18	A	ABDE
WA2BKN	392	27	14	A	ABD
KC2AWX	160	16	10	A	AB
KC2JMY	42	7	6	A	AB
WN2A	20	5	4	A	B
WA4ATJ	16,632	185	77	B	ABD
K2BAR (K2AMI, K2YLH, K2ZO, KA2NJP, KC2FBK, KC2ITK, KO2OK, NA2AA, W1G1, W2DTA, W2MSK, WA2LXE, W1W, ops)	341,124	1280	217	L	ABCD
N2NK (WD3RS, + ops)	220,032	1006	192	L	ABCD

Northern New York

NS2P	12,936	155	77	A	ABCD
WB2KLD	3,870	75	45	A	ABD
N2YEV	3,627	96	31	A	ABD
NG2C	2,673	73	33	A	ABD
KC2GHT	1,125	45	25	A	AB
K3KYR	3,652	83	44	B	AB
W2NNY (W2IB, NT2W, KC2BEZ, ops)	31,570	207	110	L	ABCD

Southern New Jersey

N2SCJ	8,722	127	49	A	ABCDE
W2MC	4,522	101	38	A	ABD
K2PS	3,300	100	33	A	A
N2MPU	731	43	17	A	AB
KC2SSB	504	63	8	A	AB
AA2UK	323,680	738	272	B	ABCD9EFGI
K2SMN	171,644	575	188	B	ABCD9EF
W2SJ	645	19	15	B	ABCD9EFGHI
K3EOD (+WR3P, WB3CTP)	50,350	348	106	M	ABCD9E

Western New York

W2WGL	7,980	108	60	A	ABD
KC2IDT	6,550	94	50	A	ABCD
K2OEQ	4,600	86	46	A	ABD9
N2AKT	1,643	48	31	A	ABD
WB2WPM	1,196	41	23	A	ABD
W2FU	206,540	477	230	B	ABCD9EFGHI
AA2GF	16,215	167	69	B	BCD
KB3WL	8,178	101	58	B	ABCD
K2QO	5,280	89	48	Q	ABCD
N2PA (N2VSZ, KC2JUH, K2TTP, N2JDQ, W3OAB, N2JQR, N2KG, N2YB, ops)	488,348	1018	326	M	ABCD9EFGHIJP

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Delaware

WA3BZT	3,276	84	39	A	AB
W3OR	6,384	71	56	B	ABCD9EFG

Eastern Pennsylvania

K3CWH	11,529	158	61	A	ABCD
WS3C	9,072	141	56	A	ABD
K8RS	8,320	138	52	A	ABD
WA3NWL	7,332	94	47	A	ABCD9E
KB3EXB	1,944	59	27	A	ABCD
WA3ELQ	1,273	54	19	A	ABCD
N3JNX	570	25	19	A	ABD
KB3GWB	405	27	15	A	AB
N3NGE	81,450	332	150	B	ABCD9EFGH
N3PUR	13,938	176	69	B	ABCDE
K3TV	13,440	336	40	B	B
N3ADC	13,338	148	57	B	ABCD9E
W3SZ	5,334	80	42	B	BCDEF
KB3ZS	3,710	75	35	B	ABCDE
WA4GPM	3,045	50	35	B	ABCDE
WA3CSP	740	37	20	B	A
W3FEY	578	24	17	B	BCD
W3KM	160	8	8	B	ABCD9EFG
K3YTL (WA1HHN, WA1MKE, K3MKZ, N3WV, N3FA, N3PBH, N3TKK, W3DZH, N3FJA, N3RN, KE3OA, KA3EEQ, KA3ZHT, WB3FKQ, N3IKO, KB3CBF, ops)	619,487	1710	283	L	ABCD
N3JFM (+N3JXB, W1LBY, W9QY)	78,987	585	113	L	ABCD
W3HZU (AD3E, N3NBT, KA3KAR, N3JDQ, ops)	2,720	73	34	L	ABD
W3CCX (WA1YHO, KB3BBR, K1JT, K3DMA, KF6AJ, N3EVV, N3EXA, N3ITT, WA2OMY, W3IIT, WA3NUF, NE3I, AA3GN, WA3DRC, KB3XG, WA3RLT, W2PED, W3GAD, W2SK, W0RSJ, KB3CTX, ops)	984,960	1744	360	M	ABCD9EFGHIJP
N3EMF (+N2DHH, N2DVQ, N2FMC, N2GCZ, N2GDY, N2GKM, W2IX, W2XX, WB2BTJ, WB2NHC, WB2NVR)	983,723	1650	403	M	ABCD9EFGHIP

Maryland-DC

WA3EOQ	48,642	250	121	A	ABCDE
A13Z	26,700	255	75	A	ABCDE
N3UM	7,154	146	49	A	AB
N3AM	7,140	155	42	A	ABD
WN3C	1,320	52	22	A	ABD
WA4PFR	731	40	17	A	AD
K3DI	468	36	13	A	AB
KT3RR	286	26	11	A	B
KB3CJE	182	23	7	A	BD
K1RZ	354,530	791	242	B	ABCD9EFHI
K3DNE	235,879	670	217	B	ABCD9EF
K3ZO	54,500	436	125	B	AB
K3HCE	36,296	266	104	B	ABDE
W3GN	1,326	51	26	B	AB
WA3GYW	836	44	19	B	AB
N3ZPL	152	19	8	B	AB
N3VOP (+N8AAY)	10,150	158	50	L	ABCD
W3GR (K3NY, W4PGB, KB3CPV, ops)	286	26	11	L	B
WA3ZKR (+packet)	66,120	375	114	M	ABCD9EFGHI

Western Pennsylvania

KA3SDP	18,260	155	83	A	ABCD
AA3GM	3,588	61	46	B	ABCD
WB0IWG	4	2	2	Q	A
W3SO (WR3Z, W3TEF, AI3M, K3IXD, W3PAW, W3YOZ, ops)	332,904	997	264	L	ABCD
W3KWH (AI3J, AK3J, N3LL, N3UEF, WA3VXJ, WA3WPE, WA3TTS, WA3DKY, W3SVJ, W3SDV, K3GJS, ops)	35,722	249	106	L	ABDE
N3SH (NOVLR, N0PEU, KB3HFP, W3JAF, KB3FZU, KB3GMU, N3ZNI, N3ZEL, ops)	920	38	23	M	ABD

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Alabama

W4OZK	19,116	193	81	A	ABCDE
KU4WW	14,586	147	78	A	ABCD
K4WI	5,408	104	52	A	A
AJ4W	1,675	61	25	A	ABD

KG4RLL	525	35	15	A	B
W4NTI	4	2	2	A	A
KU4IU	42,780	305	124	B	ABCD
W4LIA	12,636	144	78	B	ABD
AB4WL	55	11	5	Q	B
N4ION (+N4JDB, KS4B)	21,160	217	92	L	ABD
KF4DGS (+KV4T, W4CCF, W4RDA)	16,575	195	85	L	AB

Georgia

WA4IOB	6,328	97	56	A	ABCD
K4BAI	912	38	24	A	A
W4ATL	405	27	15	A	AB
W4EUH	59,600	327	149	B	ABCD
KD4K	25,152	222	96	B	ABCD
K4NGA (WB4AEG, WA4LXU, ops)	5,537	110	49	L	ABD

Kentucky

K4TO	25,026	196	97	A	ABD9
N4GN	16,128	168	96	A	AB
KD4EVB	4,914	85	54	A	ABD

North Carolina

W4FSO	4,784	66	46	A	ABCD9E
K3KO	1,680	48	35	A	AB
W8CAR	1,218	42	29	A	AB
KU4BP	819	39	21	A	A
N4CW	264	22	12	A	A
KV4CN	36	6	6	A	B
K4QI	164,944	503	244	B	ABCDE
W4DEX	21,620	144	92	B	ABCD9EFGI
AF4HX	60,495	389	109	Q	ABCDE
W4RXR	15,392	157	74	Q	ABCDE
AA4ZZ (+AA4S, K4DXA, K4MQG, KG4CHX, W4GRW, W4MW)	376,259	1072	281	L	ABCD
W4NH (K4EA, K4SZ, KB4IDC, KD4HLG, KE4PJW, KG4NRC, W4KXY, W4SKI, WD4CNZ, ops)	210,984	764	236	L	ABCD

Northern Florida

KB4ET	13,050	173	75	A	ABD
KU4WD	6,028	114	44	A	ABCD
W3TMZ	6,000	104	50	A	ABDEF
KG4EFR	1,645	47	35	A	AB
K4JAF	1,364	44	31	A	A
KE4YYD	840	42	20	A	B
W4QS	660	27	20	A	ABDE
NS4W	372	30	12	A	ABD
KN4Y	300	20	15	A	A
W2BZY	24,252	200	94	B	ABCD9EF
WA8TTM	20,900	197	76	B	ABCD9EF
NX4E	8,820	126	70	B	A
NW5E (+W1RLB)	37,962	277	114	M	ABCDE

Puerto Rico

WP4LNY	6	3	2	A	A
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South Carolina

N4UFP	10,400	136	65	A	ABCDE
VE2HKI/W6	8,854	179	38	A	ABDE
N4JZH	8,732	112	74	A	ABD
N4AOE	4,480	102	35	A	ABCD
K4DLJ	2,379	61	39	A	A
KE8FD	95,400	413	180	B	ABCD9EF

Southern Florida

K0VXM	12,654	152	57	A	ABCD9EFI
K4ADR	1,512	72	18	A	ABCD
WA4OFS	1,512	53	18	A	ABCEDEF
KC4PX	36,915	281	115	B	ABDEF
NJ2F	12,096	182	54	B	ABCD
W2YX	3,502	92	34	B	ABD
K4SN	2,975	85	35	B	A
KB4UF (+KE4MPV)	440	38	10	L	ABD

Tennessee

K8WW	48,776	308	134	A	ABCD
KD4HIK	20,250	192	81	A	ABCD
K1LH	19,500	205	78	A	ABD
KG4BMH	13,593	189	69	A	ABD
KV4EB	7,670	130	59	A	AB
W4BCU	4,160	88	32	A	ABCDE
AB8DY	3,572	67	47	A	ABD
AD4F	3,420	77	38	A	ABCD
WB4WEN	3,312	74	36	A	ABCD
W6ARQ	322	19	14	A	ABCD
W9WI	98	12	7	A	ABCD
N4WSM	84	11	7	A	BD
KE4OAR	66	9	6	A	ABD
AA4H	5,096	86	49	B	ABCDE
AG4V (+packet)	8,710	104	65	M	ABCDE

Virginia

K4RTS	27,368	192	88	A	ABCD9E
N4KFT	9,128	140	56	A	ABCD
K4FJW	7,486	141	38	A	ABCDEFG

K4FTO	5,964	104	42	A	ABCD
K4ZOO	3,838	68	38	A	ABCD
AD4TJ	2,848	71	32	A	ABD
W4LJA	1,800	49	30	A	ABD
KC4AUF	1,296	50	24	A	ABCD
N4EVK	1,166	53	22	A	AB
N4DVK	805	35	23	A	AB
KG4SQO	800	36	20	A	ABD
K3MZ	208	26	8	A	A
KG4QWC	32	8	4	A	AB
W4RX	234,210	627	222	B	ABCD9EFGHJ
KN4SM	49,232	302	136	B	ABD
WF4R	8,208	104	57	B	ABD
N4MM	1,404	54	26	B	AB
K2EVW	798	38	21	B	B
K4ME	377	29	13	B	B
W4IY (+W4NF, W4AD, W4DAV, W4RM, KA4CKI, W4DC, K5OF, WA0DYJ, N4NRO, KE4BUS, W7IY, W4CE)	526,990	1376	302	L	ABCD

West Central Florida

K9HUY	6,519	123	53	A	AB
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Arkansas

N5QYC	5,088	90	53	A	ABD
W5MRB	10,875	123	75	B	ABDE
W5REH	320	20	16	B	A

Louisiana

K5CZD	1,848	49	33	A	ABDE
N5MHM	108	12	9	A	AB
KD5HPT	44,415	304	135	B	ABD
WA5KBT	304	19	16	B	A

Mississippi

KJ5RC	5,202	102	51	A	A
KG5MZ	168	14	12	A	AB
KD5CKP	60	10	6	A	A

New Mexico

N6ZZ	4,992	96	52	A	A
N5QO	374	21	17	A	ABD
K5TEE	174	19	6	A	BCD
K5AM	62,205	364	165	B	ABCD
KB5XE	10,317	138	57	B	ABCD9E
N5XZM	6,900	106	46	B	ABCD9E1
W5VWZ	3,312	69	48	B	A
KD5JAA	1,196	47	23	B	ABCD

North Texas

W5SXD	21,424	169	103	A	ABCDE
WD5K	14,322	186	77	A	A
K5LOW	9,499	122	59	A	ABCDE
WA5BU (N5VHO, op)	5,460	97	52	A	ABD
N5TIF	2,418	78	31	A	AB
KA5DWI	1,600	44	32	A	ABD

Oklahoma

NE0P	3,960	79	40	A	ABCDE
NL7CO	3,451	119	29	A	B
N7HRT	2,200	53	40	A	ABD
WH6LR	1,352	44	26	A	ABCD
WB5YVI	34,902	226	126	B	ABDE
K5TTN	35	7	5	B	A

South Texas

N5BA	7,442	99	61	A	ABCD
KM5PK	702	31	18	A	ABD
AB5SS	120	11	10	A	ABD
K5LLL	60,030	273	145	B	ABCD9EFG
W3XO	48,678	285	133	B	ABCD9EF
W5UWB	11,400	130	76	B	ABCEDEF
K5TR (+WM5R)	77,844	425	156	L	ABCD
N5XU (K5TWJ, KM5TY, ops)	3,600	74	40	M	ABCDE

West Texas

AB7UQ/5	5,016	114	44	A	AB
AE5B	384	21	16	A	ABCD
K5RLA	120	10	10	A	ABCD
N5RZ	17,927	197	91	B	A

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East Bay

W6OMF	10,024	122	56	A	ABCDE
KE6QR	1,080	49	18	A	ABD
K6BJR	572	40	11	A	ABCD
KF6BXH	1,728	96	18	B	B

Los Angeles

AC6TA	13,200	225	48	A	ABD
KD6RUH	11,076	195	39	A	ABCDE
W6AQ	4,700	130	25	A	ABE
W6RCL	1,750	65	25	A	ABD

KG6GIQ	1,368	47	24	A	ABD
KG6DHQ	1,276	45	22	A	ABD
KR6ED	54	7	6	A	ABD
K0DI/6	5,421	124	39	B	ABCD
KQ6EE	6,160	149	28	Q	ABCDE
KF6YYV (+K6OUE)	17,952	319	44	L	ABCD
AD6IJ (+KF6XA, AC6TK, AE6FJ)	35,960	404	62	M	ABCDE
K6EOC (W6EKZ, KE6WLG, W6NIO, WA6CGR, N6RQK, ops)	3,243	112	23	M	ABD

Orange

K6IBY	5,735	93	37	A	ABCD
KE6GFF	5,340	178	15	A	D
KE6GFI	735	36	15	A	ABD
KE6QCB	40	10	4	A	B
K6TSK	32,688	286	72	B	ABCDE
KA6AMD	5,890	127	31	Q	ABCD9E

Santa Barbara

W9EC	3,496	69	38	A	ABCD9E
N6ZE	1,960	63	28	A	ABD
KE6RCI	1,760	90	16	A	BD
W6FM	13,182	136	78	B	ABCDE
WB6AAG	7,812	99	63	B	ABCDE
KC6NBI	2,263	73	31	B	A
W2BRI (+WB2KXC)	136	16	8	L	ABD
K0BGL (+K6WVLC, AB6CF, KG6GUS)	17,280	214	64	M	ABCDE

Santa Clara Valley

NR6CA	7,072	178	26	A	ABCDEI
W6GYD	6,880	139	32	A	ABCDE
WA6HRK	2,112	84	16	A	BCDE
K6KLY	33,250	360	70	B	ABCDE
K6PVJ (KF6MXX, K6HSV, KE6HCK, KD6VCD, N6KKX, ops)	3,020	113	20	L	ABCD
N9JIM/6 (+NU6S)	43,032	356	88	M	ABCDEIP
W6AMT (W6IT, W6MT, ops)	25,599	258	69	M	ABCDEFG

San Diego

WA6MHZ	6,624	133	46	A	ABCD
KB5MY	12,906	239	54	B	AB
KF6JBB	9,632	152	56	B	ABCD
K6CYS	828	32	12	B	CE

San Francisco

K6RIM	798	57	14	A	A
W6MMM (WA6OEM, WD6HDY, WB9NJS, KD6LTB, ops)	27,010	270	74	L	ABCDE

San Joaquin Valley

N6MU @ N6NB)	47,724	488	82	A	ABD
W6WYT	8,404	145	44	A	ABD
KF6CNV	1,125	57	15	A	BCD
WJ6T	10,669	162	47	B	ABDE
K6MI	29,256	229	69	Q	ABCD9EFI
WA6ARA	120	12	8	Q	ABD
KF6KDA (+KE6ZAK, KE6EEZ)	9,412	140	52	L	ABCD

Sacramento Valley

KC6TEU	23,579	237	73	A	ABCDE
W6KBX	37,100	262	100	B	ABCDE
KC6ZWT	15,738	185	61	B	ABCD
K7NOM	945	39	15	B	ABDE

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Arizona

N7IR	6,164	104	46	A	ABCDE
K6IAH	2,275	61	35	A	ABD
KA1MWD	2,000	70	25	A	ABD
KF7JS	1,008	36	24	A	ABD
AA7A	15,168	167	79	B	ABDE
K7AED	12,483	139	73	B	ABCFD

K0IP (+N7YYY, K9GP)
6,095 103 53 M ABD

Montana

W7YM 6,820 124 55 A A
K7BG 4,092 93 44 A A
N7CZ 143 12 11 A ABD
W7KNT 2,210 65 34 B A

Nevada

WB6YIY 1,020 51 20 A A
K7ICW 13,125 125 75 B ABCDE
KC6UCN (+KB6HRB)
8,925 138 51 L ABCDE
K7XC (+W7KK)
1,856 50 32 L ABCD
N7LQ (+K7UI, KB7UIF, AE7I)
82,128 340 174 M ABCDEF

Oregon

NN7J 32,928 293 96 A ABCDE
N7DB 13,806 197 59 A ABCD
K7HSJ 4,560 87 40 A ABCDEF
KK7E 1,926 107 18 A AB
KA6T 1,890 84 18 A ABCD
W1QT 1,407 63 21 A ABD
K7RAT (N6TR, op)
79,407 446 153 B ABCD
W7EW 46,548 355 108 B ABCD
W7DSA 11,424 176 56 B ABCD
KD7QCU 288 32 9 B AB
N3EG 15,120 212 60 Q ABCD
W7QH (+W7IK)
14,124 182 66 L ABCD
KA0TP (+W7STN)
7,626 208 31 L ABCD
K7CW (+N7EPD, KB7DQH)
40,208 299 112 M ABCD9EF

Utah

NJ7A 23,408 215 77 A ABCD9EI
K7ELP 378 25 14 A ABD
KC7PVD 270 21 10 A ABD
N7MLD 1,804 61 22 B ABCDE

Western Washington

N7MWV 12,871 159 61 A ABD9EF
W7DG (KB7ADO, op)
10,199 165 47 A ABCDE
WA1IED 3,944 116 34 A AB
K7UU 3,892 99 28 A ABCD9E
N7UK 3,120 101 30 A ABD
W7GTM 2,034 83 18 A BD
N7OEP 1,794 70 23 A ABD
N9ADG 2 2 1 A B
NU7Z 71,548 367 124 B ABCD9EFGJ
K7ND 43,800 282 100 B ABCD9EF
KE7SW 43,363 276 103 B ABCD9EFG
W7FI 22,895 241 95 B AB
WA7TZY 18,352 241 62 B ABDE
K7JUS 240 20 12 B AB
KI7EL (+N7XKJ, KB7PSG)
5,643 159 27 M ABCDE

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Michigan

KB8U 116,025 430 195 A ABCD9EF
N8ZVB 4,017 103 39 A A
N8CJK 3,626 74 49 A A
N8IA 2,574 59 39 A ABD
W8RU 2,232 54 36 A ABD
K8ET 442 25 17 A ABD
WA8YLZ 75 15 5 A AB
K8MD 122,304 445 196 B ABCD9EF
K2YAZ 30,747 177 111 B ABCD9EFH
N8OC 9,648 121 72 B ABD
KB8GOY 2,211 67 33 B AB
K8CC (+K9TM, WX3M)
169,855 664 211 L ABCD
WW8M (+K8DAZ, NE8I, WA8VPD)
207,669 489 217 M ABCD9EFGHIJK

Ohio

KC8CCD 51,471 244 133 A ABCD9EFG
K8MR 15,795 151 81 A ABCD
N8BJQ 13,197 159 83 A AB
KB8UJZ 2,622 69 38 A A
KC8QAE 1,430 53 26 A ABD
N8WXS 1,326 36 26 A BD
W8KNO 950 38 25 A AB
WA8GMT 759 33 23 A A
KB8YHF 84 12 7 A AB
K8TQK 82,521 299 173 B ABCD9FGHI
WA8RJF 55,020 248 140 B ABCD9EFG
KB8VAO 5,782 91 49 B ABCDE
N8XA 6,837 85 53 Q ABCD9EI
WN8ATM 1,887 51 37 Q AB
N8ZM (+KD8FO, N8IDS, W8PLZ)
52,925 287 145 L ABCD

N8KOL (+K8ROX, WM8I, N8LIS)
111,600 441 186 M ABCD9EF

West Virginia

WB8TFV 7,248 121 48 A ABD
K8KFJ 546 26 21 A AB
KC8KSK 195 15 13 A AB
WA8WV 180 15 12 A AB
K2UOP 97,120 365 160 B ABCD9EFHI
K8GP (K1RA, K1TR, K3MM, W3RST, W3ZZ, W4XP,
K6LEW, K8ISK, ops)
1,118,676 2208 404 L ABCD

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Illinois

N9GH 28,968 203 102 A ABCDE
NV8V 24,208 240 89 A ABD
N9TF 17,402 162 77 A ABCDE
K9IJ 4,360 92 40 A ABCD
WD9ISG 3,104 83 32 A ABD
N9OBB 1,739 45 37 A ABD
KY0Q 1,656 72 23 A AB
KC9AMM 1,395 43 31 A ABD
W9SE 1,232 44 28 A A
N9LCR 700 35 20 A B
KC9IL 672 36 16 A ABC
N9XR 120 15 8 A B
K9PG 48 8 6 A AB
WB9Z 223,486 685 262 B ABCDE
N2BJ 55,418 304 121 B ABCD9EF
KA9UVY 27,528 186 111 B ABCDE
WB9SNR 15,914 144 73 B ABCD9E
W9RM 12,640 154 80 B ABCDE
W09S 8,265 118 57 B ABD
W9OBG 8,052 85 66 B ABCD9E
K9PW 144,384 509 188 Q ABCD9EFGHI
W9GKA 7,865 111 55 Q ABCD
K09A 648 40 12 Q ABCDE
K9RN (K9TMS, N9REP, KB9JZY, KF9US, AA9IL,
KC9AA, KC9AER, KC9BTW, ops)
40,546 306 97 M ABCD9EFI
W9RVG (+WD9EXD, WD9EMF)
34,671 212 127 M ABCDE
N9JF (+NG9R, KC0MYA)
32,881 226 131 M ABCDE

Indiana

KB9NKM 12,956 164 79 A AB
WB9DRB 4,592 64 56 A ABCDE
K9GPS 2,088 60 29 A ABD
K9UIF 1,980 56 30 A BD
K9EA 79,016 359 166 B ABCD
K8LEE 43,164 327 132 B A
W9ICE (WB9YCY, WB8ERE, N8NQG, N8JLZ, K9YDO,
K9ZX, WE8N, KA8STM, N9QY, KA9BFM, KB9NWP, ops)
210,930 573 267 M ABCD9E

Wisconsin

N9DG 59,498 323 142 A ABCD
KB9PJL 27,930 228 95 A ABCDE
WA1UJU 13,851 171 81 A AB
KB9Q 7,300 107 50 A ABCD
W9GM 6,955 107 65 A AB
N9UDX 1,519 44 31 A ABD
K9VS 1,300 50 26 A AB
N9NDP 1,140 56 20 A BC
W9JN 40,635 251 135 B ABCD
N0AKC 32,262 228 114 B ABCDE
N9UDO 10,366 125 73 B ABD
KB9UZV 9,864 137 72 B AB
N9MYK 4,944 85 48 Q ABCDE
N19E (+N9VA, N9LLT, N9FH, W9GA)
125,944 569 182 L ABCD

0

Colorado

K0UJ 4,032 84 48 A AB
N0ZEB 48 8 6 A A
W6OAL 52,029 322 123 B ABCD9EFGHI
KA0MWA 408 31 12 B ABD
K0NR 2,400 79 24 Q ABCD
AE0Q 532 38 14 Q AB
AB0MV 518 37 14 Q AB
W0LSD (+N0KIS, WD0BGZ)
18,144 183 96 L ABC
K0YO (+AB0TJ)
6,180 102 60 L ABCD
W0EEA (+N9KC)
34,125 242 105 M ABCD9E
W1XE (+N0HF, WW1M, AA0RS, WB0GAZ, KF0UR)
13,965 159 57 M ABCD9EFI
W0KVA (+N0WBW, W0KUJ)
10,731 146 49 M ABCD9E

Iowa

N0URW 42,431 244 151 A ABCD
N0SPP 4,674 82 57 A AB

AB0HF 1,785 51 35 A AB
KM0T 151,105 412 235 B ABCD9EFGHI
K0MQS 19,125 255 75 B B
K9AKS 65,685 316 151 Q ABCDE
K0CNN (+K0CCKU)
986 33 29 L ABD

Kansas

N0LL 65,667 296 177 A ABCDE
KC0IDI 20 5 4 A AB
N0KQY 39,618 210 142 B ABCD9E
W0RT 840 31 24 B ABD
KA0MR (+KA0KCI)
31,320 225 120 M ABCD9E

Minnesota

K0SHF 16,678 194 62 A ABCD9EF
WA2HF1/0 8,680 119 62 A ABD
N0UR 6,156 108 57 A A
KT8O 5,580 124 45 A AB
K0KFC 5,076 97 47 A ABD
KB0LYL 3,216 201 16 A B
KC0P 960 43 20 A ABD
WB0LJC 448 32 8 A ABCD9EF
KC0EPV 160 17 8 A ABD
N8XTZ 56 8 7 A A
KF0Q 45,934 285 119 B ABCD9EF
K0AWU 29,318 234 107 B ABDE
W0GHZ 23,162 191 74 B ABCD9EFGHI
W0AUS 7,728 115 46 B ABCDEFI
KB0OLI 50 25 2 B B
N0EO (AA0AW, VE3KRP, KB0LBS, K0MVJ, N0BNG, ops)
7,360 109 64 L ABD
N0UK (+W9FZ, K0TAR, KC0FXY, N0HJZ, WB0GGM,
W0ZQ) 235,599 624 273 M ABCD9EFIP
N0RPM (+K00IYT)
210 35 6 M AB

Missouri

N0PB 30,702 213 129 A ABD
W0JRP 2,146 58 37 A A
WA0FQK 589 31 19 A A
K10HA 88 11 8 A AB
K0ETC 23,432 231 101 B ABC
W0FY 4,582 74 58 B ABD

North Dakota

NT0V 11,242 142 73 B ABCDE
N0UD (WB0OAJ, N0LVW, KC0HXF, ops)
9,348 123 76 L AB

Nebraska

KG0LD 1,118 43 26 A AB
AE0G 858 33 26 A AB
WN0L 80 10 8 A AB

South Dakota

WB0HHM 12,312 122 76 A ABCD
WB0ULX 7,540 103 58 A ABCD
KE0Z 714 34 21 A AB
KA0ZEE 176 16 11 A AB
N0QJM (+W0SD, WB0TEM, WD0T, W0DB)
171,798 540 274 L ABCD

Quebec

VE2ZP (+VA2ADB)
12,194 141 67 L ABCD

Ontario

VA3FIN 21,627 178 89 A ABCD
VA3ZV 15,323 162 77 A ABDE
VE3CVG 6,630 95 51 A ABCDEI
VE3SX 3,800 84 38 A ABD
VE3HHT 720 26 20 A ABD
VA3TSG 104 26 4 A B
VA3ST 14,904 128 81 B ABCD
VE3EU 7,380 101 60 B ABD
VE3BFM 3,999 54 43 B ABCD9E

Saskatchewan

VE5UF 29,160 270 108 B AB

Alberta

VA6AN 18,130 183 98 A ABD
VE6JW (+VE6MAA, WA2TMC, VE6LDX, VE6JY)
35,819 283 119 L ABDE
VE6AO (VE6TC, VE6KC, VE6LFM, VE6SZR, ops)
3,735 81 45 L ABD

British Columbia

VE7DXG 45,792 355 106 A ABCD
VE7XF 35,800 302 100 A ABCDE
VE7HPS 1,080 48 18 A ABD
VA7MM 7 7 1 A B
VA7DX (+VE7HHS)
7,938 118 63 L ABCD

Marine Mobile

N2MO/MM (W2YR, N2IHN, N2CKH, ops)
45,800 377 100 L ABCD

Bahamas

C6AIE 2,109 55 37 B ABD

Rovers**Atlantic**

ND3F	311,344	787	176	R	11	ABCD9EFGHIJP
N2JMH (+N2WVK)	123,571	541	127	R	8	ABCD9EFGHI
N1MU (+W2FE)	44,462	253	86	R	9	ABCD9EFGHI
KD4DSX	30,208	250	64	R	7	ABCD9EFGHI
AA2YG (+N2SLN)	17,420	216	67	R	4	ABD
N1XKT	14,300	125	55	R	6	ABCD9EFGHIP
N3WP (+WA3RQD)	8,748	127	54	R	12	ABCD
K1DS	6,464	78	32	R	6	ABCD9EFGHIP
W3HMS	6,402	72	33	R	3	BDEFGHI
N3HSH	2,656	83	32	R	4	AB
KE3HT	1,620	40	30	R	4	ABCDE
K2TVI (N2FMC, N2GKM, ops)	100	5	5	R	2	IP

Central

K0PG	35,190	308	90	R	14	ABCD
N9RLA	8,800	151	50	R	9	ABD
N8KWX	8,308	159	31	R	4	ABCD9I
WB8BZK	6,660	137	37	R	6	ABCD

Dakota

KB0ZKX	17,000	181	68	R	5	ABCDE
K8DXN	13,440	172	64	R	8	ABD
N0LAN (+W7XU)	5,412	101	41	R	16	ABCD
W0AMT	3,335	96	29	R	7	ABD
KC0HEW	3,040	55	38	R	5	ABCDE

Delta

WA4YRK	7,258	131	38	R	4	BDE
WA4JA	3,996	108	36	R	5	ABD
AC4LS	1,560	71	20	R	3	ABD

Great Lakes

AL1VE	52,824	295	124	R	15	ABCD9
K8DOG (+KF8QL)	27,072	199	94	R	8	ABCD9E
N8VZW	4,392	79	24	R	6	BDI

Hudson

WA2IID (+KB2SSS)	59,415	405	85	R	6	ABCD9EFGHIJ
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KB1EKZ (+KB1ENW)

	9,880	128	40	R	9	ABCD9EFH
N2MH	2,430	63	30	R	5	ABCD
WF2XY	112	10	8	R	2	ABD

Midwest

N0DQS	51,156	352	84	R	12	ABCD9EFGHI
KB0QGT	2,542	59	31	R	6	ABCD
W0GC	1,078	38	22	R	5	BD

New England

N1FGY (+K2LM)	26,465	194	62	R	5	ABCD9EFGH
KJ1K (+WB2VVQ)	16,371	156	51	R	8	ABCD9EFGHI
KB1EAA (+KB1EUH)	14,798	244	49	R	5	ABCD
KT1VT	2,883	79	31	R	5	ABD
N1AFQ	2,716	77	28	R	2	ABD
K1ZZ/R	736	24	16	R	4	ABDI
KA1ZD/R	560	18	14	R	4	ABDI

Northwestern

N7CFO	104,830	520	110	R	11	ABCD9EFG
W7DHC (+ op)	80,682	517	102	R	13	ABCD9EFG
W7GHZ	47,479	284	79	R	7	ABCD9EFG
KK7GU	27,280	395	44	R	6	ABCDE
WE7X (+WY7Z)	24,357	227	69	R	10	ABCDE
K7MDL	21,041	322	53	R	8	ABD
KD7LHN	3,828	95	33	R	5	ABCD
KF7CN (+KI7HE)	2,398	87	22	R	4	ABD

Pacific

N7ROJ (+KB7UEA)	7,722	111	39	R	12	ABCDEF
KE6FI	4,582	130	29	R	4	ABD
N6MI	3,968	82	32	R	5	ABCDE
NW7O	2,847	58	39	R	4	ABD
W7PW	12	3	4	R	2	A

Roanoke

W3IY	258,579	817	157	R	11	ABCD9EFGHIJ
KC3WD (+KD3FG)	54,055	322	95	R	11	ABCD9EFGHI
K9OYD	26,040	211	60	R	4	ABCD9EFGI

W4/ON1CFX

	12,452	197	44	R	4	BDEI
K4EFD	5,148	51	39	R	2	BD9EFGHI
K9SP (+N9SP)	5,130	100	27	R	5	ABCD9EFGHI
WA3PTV	4,290	81	33	R	3	ABDI

Rocky Mountain

KB5GY	4,836	96	39	R	3	ABCD9EI
K7VE (+KD7PRN)	2,660	61	35	R	5	ABCDE
AC5TS	946	38	22	R	2	ABD
KC7OUP	943	35	23	R	3	ABD
WB2FKO	924	44	21	R	7	AB
K7RJ	160	11	8	R	2	ABDI

Southwestern

N6TEB (+AD6HT)	107,610	556	102	R	10	ABCD9EFGI
W6TOI (KE6HPZ, KG6EPM, ops)	107,244	511	108	R	9	ABCD9EFGI
K6FZZ	33,320	277	68	R	9	ABCD9EF
WB6JDH	16,512	348	32	R	4	ABCDE
KC6UIX	11,286	128	66	R	3	ABCD
K6LMN	7,830	191	29	R	2	ABCDE
AJ6CW/R	4,394	100	26	R	4	ABCDE
AD6AF	2,016	90	16	R	4	ABD
KB9LGJ	570	35	15	R	2	ABD

West Gulf

WB5VYE	7,740	115	43	R	7	ABCD9E
NN5DX	5,400	112	27	R	8	ABD9F
AB0TX	2,304	72	32	R	5	AB
NH6CJ	1,425	51	25	R	3	ABCD
KI5DR	1,300	40	26	R	6	ABD
K5IX	1,056	33	32	R	4	AB
AF5Q	261	21	9	R	2	ABDE

Canada

VE3NPB (+VE3OIL)	67,158	364	117	R	7	ABCD9EF
VE6SRV (+VA6WGO)	8,874	135	58	R	8	ABD

Checklogs: N1NK, N7QF, W3JPT