

2010 ARRL June VHF QSO Party Results

A 6 meter bonanza and working the system.

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There hasn't been a contest in recent memory that kept so many band indicators stuck on 6 meters. Regardless of rig, antenna or power output, if you were on the air during this contest weekend and were tuned to 50 MHz, you were busy making plenty of contacts in numerous grids. Stations in the middle of the country had an advantage with propagation in all directions. Twenty-two percent of the 1202 log entries had totals of over 100 grids on 6 meters. Forty logs showed 200 or more 6 meter grids and two Single Operator, High Power (SOHP) stations and one Multioperator (MO) had over 300 6 meter grid multipliers. With 1202 log entries representing 237,386 contacts, the activity set some all-time records and this is not even a high sunspot number year. Only 23 of all submitted logs lacked a 6 meter entry.

Record Setting Activity

Looking back over the records since VHF contest scoring has moved from EARL section to grid square multipliers, the records set this year are likely to last for many years to come. This was clearly a big scoring year as there were 39 section category records broken! [A table of the new records is available in the online version of this article. — Ed.] These records have been faithfully managed by Curt, K9AKS for the past 10 years. The plan is to have these records posted on the ARRL Web site in the near future.

In the Single-Operator, Low Power (SOLP) category, Dave, K5RQ, in WCF made 1172 QSOs, besting the previous record set in 2006 by K9MU. Webster, WY3X, had fewer QSOs on 6 meters, but beat the previous SOLP record also held by K9MU by scoring 268 grids on this band. For the SOHP entrants, George, K5TR, topped the old record by 253 contacts, making 1883 6 meter QSOs in 310 grids. That's just about 1 contact per minute for the entire 33 hours of the contest. Former ARRL President W5ZN's MO team with a total of 295 grids

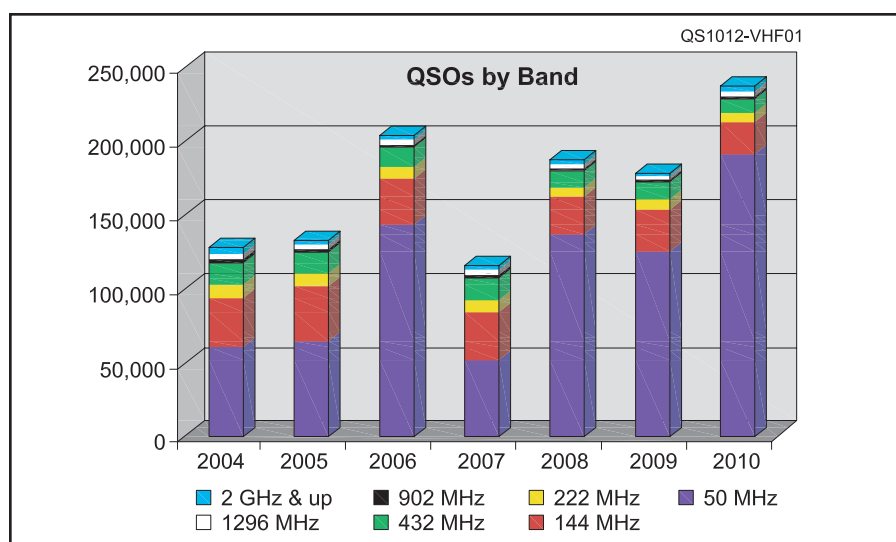


Figure 1 — QSOs by band for the years 2004 to 2010.

beat the previous record for this category of 269 grids. The KN50 team ran a close second with 292 grids on 6 meters. I hear a drum roll for the efforts of the K5QE MO team that managed to put 1834 contacts on 6 meters in their logs with 337 grid multipliers that tops their two previous year efforts when their team also set records in this category.

This year's 1202 entries surpass last year's total of 1135 by a nice margin. Of course, when the bands are productive, more operators are encouraged to submit their logs. As I have discovered and mentioned many

times before, there are usually twice the number of active stations on for the contest activity than there are logs submitted. Taking a look at the 6 meter QSO totals, you can see that there were over 1800 contacts on just one band in the K5QE log.

DX Activity

We were all pleased to see the increased number of XE stations active and submitting their logs this year. All 8 were active on 6 meters and added a total of 1649 contacts on that band. Hector, XE2K, was also active

Table 1
Band Designators

Designator	Band	Designator	Band
A	50 MHz	I	10 GHz
B	144 MHz	J	24 GHz
C	222 MHz	K	47 GHz
D	432 MHz	L	75 GHz
9	902 MHz	M	119 GHz
E	1296 MHz	N	142 GHz
F	2304 MHz	O	241 GHz
G	3456 MHz	P	Light
H	5760 MHz		

Table 2
Category Designators

Designator	Category
SOLP	Single-Operator, Low Power
SOHP	Single-Operator, High Power
QRP	Single-Operator, Portable
R	Rover
RL	Limited Rover
RU	Unlimited Rover
MO	Multioperator (Unlimited)
LM	Limited Multioperator



Single Operator, Low Power		Multioperator	
K2DRH	374,070	W2SZ	1,837,944
WY3X	315,744	K5QE	1,280,241
WB4SLM	310,786	W3CCX	813,216
W5SXD	299,294	K3YTL	520,344
K5RQ	255,496	W0EEA	494,256
N0LL	252,280	KB0HH	385,125
K4LY	248,442	W0UC	348,168
N3LL	244,062	N6TEB	301,466
AE5T	244,024	WA7JTM	254,286
K4WI	243,312	W4MYA	202,000
Single Operator, High Power		Rover	
K5TR	702,702	W6TAI/R	299,088
K1TEO	579,600	N6NBR	295,560
K1RZ	481,730	N6MU/R	269,905
KC4PX	475,020	KK6KK/R	260,628
WA2FGK		W6XD/R	236,742
(K2LNS, op)	473,475	K6MI/R	230,400
K2EK	326,534	N6VI/R	225,522
W6OAL	265,545	W6TE/R	224,220
W3UUM	259,424	VE3NPB/R	126,463
WD5K	250,992	VE3SMA/R	98,250
K1TOL	242,136	Limited Rover	
Single Operator Portable		W5HN/R	88,500
KA1LMR	115,260	NO5LA/R	80,196
K9AKS	38,592	W6YLZ/R	61,120
KJ5RM	19,470	AL1VE/R	60,216
W4RXR	11,890	KK6MC/R	59,500
WB2AMU	10,395	N4JDB/R	50,112
N0JK	8,970	WA0V/PJ/R	49,248
W9SZ	6,903	K2QQ/R	47,722
N1SPX	4,408	W3DHU/R	29,512
AA1I	1,242	KD5IKG/R	22,896
WA2ASQ/4	399	Unlimited Rover	
Limited Multioperator		N3IQ/R	180,164
K8GP	675,920	WA3PTV/R	65,508
W5ZN	606,832	NN3Q/R	60,320
NR5M	420,912	KR0VER/R	58,743
W3SO	407,968	N0LP/R	45,784
KN5O	391,864	W3BC/R	7,950
KA2LIM	325,238	N0QE/R	7,725
W4IY	312,872	KC2IRO/R	2,970
W4NH	304,145	KR5J/R	2,825
AA4ZZ	273,988	NV6C/R	1,127
W2LV	259,915		

on bands BD9. (See Table 1 for band designations.) Three single-band entries on 6 meters were received from Brazil with a total of 85 contacts. Ed, KL7UW, had 5 bands ready and KL7/KB7Q operated on 6 — between them they had 24 QSOs on 6 and 1 QSO on 2 meters. Massimo, KH6ZM, added another 45 6 meter contacts from HI. NP2B (NP2X, op) gave us 195 two-ways from KP2 land, while Julio, NP3CW, managed to add 7 more 6 meter contacts from PR. We also received 6 meter logs from VP2MRT, VP9GE and VQ5M, who added to the excitement with a total of almost 1800 contacts from the Caribbean. As always, the VE stations were very active; 61 logs were entered from Canada.

Running the Bands

The excitement on 50 MHz is often to the dismay of the Multioperator stations that sit on the other bands seeking contacts and to the rovers who are trying to do several things at once; drive, operate multiple bands and encourage their contacts to “run the bands.” This year’s contact totals on 144, 222 and 432 MHz reflect that angst as those bands were down 20% in total QSO numbers from last year. The surprise though is that totals

on the microwave bands were up as much as 100%. This was largely due to the efforts of a team of 9 Rovers each equipped with at least 10 bands, traveling together across 9 grids on the West Coast, working each other and some fixed stations. Operating within the confines of the new Rover category rules, they kept contacts between each other below the maximum of 100.

Although there were reports of modest 2 meter tropo and E_s openings, those reports are far out-shadowed by the sporadic E (E_s) conditions on 6 meters. Mike, K7ULS, on Powder Mountain in Utah caught some 2 meter openings with QSOs to OK, KS, WI, MI and IN. He managed this in spite of 60 MPH winds and snow in June. The Multioperator team at KA2LIM in FN12 in upstate NY reported a 2 meter QSO as far south as Alabama in EL49. Tom, N4HN, reported a 2 meter contact from EM95 North Carolina to EM25 in Oklahoma. Marshall’s team at K5QE also reported working many FN grids from their STX QTH with an extended 2 meter E_s opening to the NE. Their 2 meter grid count also benefited greatly from the EME activity contribution of an additional 28 grids.

Comedy, Tragedy or Drama — The Show Must Go On

With all the planning and rehearsal, stations were primed for action. There was the “almost tragedy” as Sebastian, W4AS, experienced a power failure four minutes before the start of the contest. Luckily it lasted only a minute and he had three more minutes to regain his composure and get everything restarted.

The KA2LIM team reported visits by Murphy with problems on their 432 MHz and 222 MHz stations that required swapping out rigs as soon as they started operating on those bands. They attempted to raise their microwave tower, succeeded in having the mast bend a bit, and in the attempt to get it straighter wound up having it bent over. Lest this comedic scene be lost, they snapped a picture of it to use as their contest QSL card.

Zack, W9SZ, a long-time rover, found himself in a tragi-comedy when he rushed to get his rover ready. He was beset with a downpour just as he was about to hit the road. Compounding his troubles were missing parts as he rushed to get moving. To add to his luck, he was hit with another storm on Sunday. He managed to get everything packed and stowed just as the 50 mph winds hit and rain started. Needless to say there was a lot of mud to clean out of his vehicle and gear. The WA7JTM MO team in Arizona loved the 6 meter opening, but also had to manage against big winds and snow flurries in AZ!

The team of Kim, KB1DFB, and Jay, WIUJ, had a great time with their LMR (Last Minute Rover) setup. They lashed a series

Table 3
Affiliated Club Competition

Club Name	# of Logs	Score
Unlimited Club		
Society of Midwest Contesters	58	1,402,166
Medium Club		
Southern California Contest Club	21	2,813,852
Potomac Valley Radio Club	34	2,722,193
Florida Contest Group	18	1,395,420
Nacogdoches ARC	4	1,336,915
North East Weak Signal Group	21	1,311,769
Mt Airy VHF Radio Club	14	1,176,152
Yankee Clipper Contest Club	19	1,043,026
Northern Lights Radio Society	14	998,633
Central Texas DX and Contest Club	8	868,066
Florida Weak Signal Society	10	747,062
Carolina DX Association	8	625,210
Badger Contesters	21	602,461
Contest Club Ontario	27	511,813
South East Contest Club	10	477,828
Mad River Radio Club	13	467,782
Alabama Contest Group	12	461,347
Louisiana Contest Club	5	434,935
Northern California Contest Club	27	428,279
Grand Mesa Contesters of Colorado	11	401,301
North Texas Microwave Society	7	335,868
Rochester VHF Group	4	326,737
North Texas Contest Club	4	302,213
Arizona Outlaws Contest Club	16	292,738
Tennessee Contest Group	22	273,221
Pacific Northwest VHF Society	21	239,351
Roadrunners Microwave Group	3	195,784
Frankford Radio Club	7	160,643
Utah DX Assn	3	111,688
Western New York DX Assn	5	50,887
Minnesota Wireless Assn	5	46,272
Mississippi Valley DX/Contest Club	3	38,728
Contest Group Du Quebec	6	14,436
Local Club		
Murgas ARC	3	996,919
Chippewa Valley VHF Contesters	4	319,088
Eastern Connecticut ARA	6	135,750
Midland ARC	3	59,837
Bergen ARA	5	52,678
Bristol (TN) ARC	3	50,243
Medina 2 Meter Group	3	35,469
Portage County Amateur Radio Service	4	30,456
Burlington County Radio Club	4	30,240
Schenectady Museum ARA	3	25,347
Raritan Valley Radio Club	6	24,631
Spokane DX Association	3	1,242

of halos and squalos to a bar over the cab of their pickup and operated from popular New England grids. The key to their enjoyment was the density of activity in their geography and the elevations they chose.

Brian, ND3F, and David, N3XUD, teamed up as Rovers and encountered some stormy weather that made them pack up and move almost as soon as the activity started. When they got to their last grid they found their stack of radios had fallen over and the amplifiers were not able to be keyed. Brian quickly assessed the situation and resolved it by pulling out the RCA connectors used to key the amps. He used the old “touch-to-talk” method of grounding the center pins in color sequence when running the bands.

The Fourlanders Contest Team in the North Carolina mountains experienced a seized pulley in the cooling portion of their large field generator that then started to steam up and was shut down. Their high power operation went to low power using back-up generators. Lessons learned — always have a plan B and spares.

Single-Operator Category

Although we generally focus on the highest scoring stations in these reports, thanks go out to all of the stations that got on the air to



K7ULS operated from Powder Mountain, Utah reporting, "What a contest! It was well worth the 60 mph winds and snow."

make this a fun weekend. Always remember that it takes two to make a QSO! Even with the finest equipment, best operators and superb conditions, there has to be activity to make this weekend of on-the-air action engaging. 132 SOLP and 12 SOHP logs submitted had 25 contacts or less so if you think you had a thin log, you were in good company. Seven SOLP and 7 SOHP logs had over 1000 QSOs. Some concentrated on a single band to get those numbers, while others used 10 bands to make those totals.

In the SOLP category, Bob, K2DRH, in IL again topped the list with 374k points with his 8-band effort. In second place from SC, Webster, WY3X, garnered 315k points using only bands ABD racking up 1,009 6 meter contacts in 268 grids. Vic, WB4SLM, in GA placed third with 310k with another big 6 meter effort, yet finding enough time to add contacts and grid multipliers on bands through 2.3 GHz. In 4th place, Rich, W5SXD, from NTX had 299k with a 6 band station but the basis of the big score was again an over-1,000 QSO result from 6 meters. Rounding out the top five is Dave, K5RQ, from WCF with a single-band 6 meter total of 255k from 1172 QSOs in 218 grids. Rounding out the Top Ten for SOLP we have N0LL, K4LY, N3LL, AE5T and K4WI, with scores between 243k and 252k. The small margin of difference was the mix of QSO points on the higher bands and their additional multipliers, since all of them had quite substantial 6 meter contact and grid totals.

George, K5TR, rocked the SOHP world with 702k points based upon 1883 QSOs and 310 grids on 6 meters plus an additional 87 QSOs on bands BCD along with 41 grid multipliers. In second place, Jeff, K1TEO,

managed 579k with contacts on bands through 10 GHz. Third place went to Dave, K1RZ, with 481k, also a 10 band effort. Both Jeff and Dave had similar 6 meter totals in the 500 contact range, giving the indication that 6 meter E_s did not bless the Mid-Atlantic and Northeast as much as it did the rest of the country. The one exception to that is Lefty, K1TOL, in ME, who turned in a single-band log with 1121 6-meter QSOs in 216 grids, capturing 10th place in SOHP. Ivars, KC4PX, from SFL ran up a score of 475k for 4th place, with a huge 6 meter run of 1507 contacts in 314 grids, and 1 additional 2 meter contact. Fifth place was captured by Herb, K2LNS, operating the WA2FGK station in EPA and garnering 473k points, also with a 10 band station. K2EK in NFL placed 6th with 326k on a strong 6 meter total of 1316/241. W6OAL from CO was in 7th place with 265k and an 8 band effort. In 8th place from STX we had W3UUM with 259k and 9th place from NTX was WD5K with 251k, again with lots of 6 meter contacts from the E_s epicenter.

Multioperator Action

The Limited Multioperator (LM) category had 52 entries and the K8GP Grid Pirates topped the list with a score of 675k. Their 6 meter totals were 779/201 from VA, but they bolstered that with a giant total of 463/71 on 2 meters, 115/39 on 222 and 216/44 on 432. Their outstanding 144, 222 and 432 totals were a result of a colossal array of antennas in addition to their station location at 1800 feet ASL (above sea level) and a team of experienced, savvy ops. For 2 meters they employed three Large Vertical Arrays (LVAs) each consisting of eight 6-element Yagi antennas, each stack being set at the major direction of population, with another pair of FO-12 Yagis rotatable atop the 140 foot tower. You can find their whole June VHF story and pictures at the K8GP Web site, www.k8gp.net. In 2nd place, the W5ZN team scored 606k, taking advantage of their AR location in the 6 meter E_s with a 1317/295 total on the magic band. NR5M was 3rd with 421k from STX, also in the eye of the E_s and 1299/239 on 6 meters. The Wopsonock Mountain team of W3SO caught the 4th spot with 408k and their strength was also the contribution of bands BCD as their 6 meter totals were limited to 705/179. Ted, KN5O, in LA turned in a single-band 6 meter entry of 1342/292 to place 5th in the category, although in a sense, he really wasn't a Multioperator. He dutifully followed the rules and reported his score as a Multioperator as he had the cluster running on his desktop even though he really didn't need it or use it as he had his hands full working the crowd on 6 meters. [Strong work, Ted! — Ed.]

The top three finishers in the Multiop category are no surprise, as these groups have substantial experience and resources.



George, WB3IGR reports, "Great 6 meter opening this contest! Lots of new grids!"

W2SZ again dominated with 1.83M and a hefty number of microwave QSOs and grids from their super location in Western MA. K5QE maintained the 2nd spot with growth in their microwave scores and 2 m EME grids. W3CCX placed 3rd again with a solid effort on 12 bands. The K3YTL group had bands through 2.3 GHz and came in 4th. W0EEA was in 5th place using 12 bands and the only 47 GHz QSO. Each of these groups has a Web site that gives more details and pictures about their efforts and clubs. The 63 Multiop logs account for 10% of all the submitted QSOs.

Rover Category Mélange

Rovers are still increasing in numbers and finding great joy in the ability to be operating from coastal and hilltop locations and from otherwise inactive grids. There were a total of 94 Rover entries this year, similar to past June contests. Traditional Rover entries numbered 42, Limited Rovers (RL) 42 and Unlimited Rovers (RU) 10. The LR category allows up to two operators and use of bands ABCD.

Kudos to Al, W5LUA, and Tony, WA8RJR, who manned the W5HN Rover. Their 88k points from NTX topped the RL list. The combination of a 4th band and a few more contacts on bands BCD gave them an 8k point advantage over 2nd place NO5LA, operated by Dallas, K1DW, and Ed, N5KGV, who logged an amazing 482 6 meter contacts in 161 grids. I wonder if the rovers really had to move to follow the E_s. Third place goes to Mike, W6YLZ, who appears to have tracked along with the SCCC pack rovers and ran up a 61k score with lots of QSO points and multipliers well distributed across four bands. He had a limited 6 meter grid count of 43 that paled in comparison to the others in the top five who all tripled that amount. Tim, AL1VE, drove throughout SD and had 60k for a 4th place finish and Jim, KK6MC, in NM had 59k for 5th place.

Table 4
Sponsored Plaque Winners

Thanks to the generous sponsorship of numerous clubs and individuals, we are pleased to announce the winners of a sponsored ARRL June VHF QSO Party plaque. The ARRL wishes to thank the plaque sponsors for their continued commitment to the ARRL Plaque Program. Without their support and dedication, the Plaque Program would not be possible.

Plaque Category	Plaque Sponsor	Winner
Overall Single Operator High Power	Southeastern VHF Society	K5TR
Overall Single Operator Low Power	Mike Coogan, KB7ME	K2DRH
Overall Single Operator QRP Portable	Dave Carlson, AA9D	KA1LMR
Overall Multioperator	Randy Stegemeyer, W7HR	W2SZ
Overall Limited Multioperator	K1TEO, W2GKR, W2GKO, KA1FVG	K8GP
Overall Rover	Southeastern VHF Society	W6TAI/R
Overall Unlimited Rover	Connecticut AM Society, KW1AM	N3IQ/R
Atlantic Division Multioperator	Mt. Airy VHF Radio Club	W3CCX
Atlantic Division Rover	Potomac Valley Radio Club	W3HMS/R
Delta Division Single Operator High Power	Barney Fogle, K3FM	KB5AAB
Midwest Division Limited Multioperator	Gene Gabry, N9TF	W0EWM
Northwestern Division Single Operator Low Power	Paul Beringer, NG7Z - Western Washington DX Club	K7BG
Northwestern Division Single Operator QRP Portable	Mike Coogan, KB7ME	N6LB
Northwestern Division Multioperator	Randy Stegemeyer, W7HR	K7VHF
Pacific Division Multioperator	Jim Davis, NN6EE	N6TEB
Roanoke Division Rover	Potomac Valley Radio Club	WA2IID/R
Southeastern Division Single Operator High Power	Southeastern VHF Society	WB4SLM
Southeastern Division Rover	Southeastern VHF Society	AF4OD/R
Northwestern Division Single Operator High Power	W5UWB - In Memory of John Chambers, W6NLZ	N6EQ
West Gulf Division Single Operator High Power	North Texas Microwave Society	K5TR
West Gulf Division Rover	North Texas Microwave Society	A85BN/R

Un-sponsored plaques may be purchased by the plaque winner. If you wish to purchase an un-sponsored plaque or order a duplicate plaque, contact ARRL Contest Branch Manager Sean Kutzko, KX9X, at 860-594-0232 or by e-mail at kx9x@arrl.org. The cost for plaques is \$75 (includes shipping).

The story of the Rover category leader board is best told from Wayne, N6NB's Web page at commfaculty.fullerton.edu/woverbeck/n6nb.htm. The Southern California Contest Club had a group of 15 operators in 10 vehicles and also worked with two fixed multiband stations, one MO and the other SOLP. Nine of the vehicles entered the Rover category and they captured the top eight spots. Each vehicle had 10 bands, with three of them also equipped for 24 GHz. Ninth-place scorer Murray, VE3NPB, with Russ, VE3OIL, used 11 bands + LASER and scored 126k. They appeared to track together with Steve, VE3SMA, who had a similar setup and came in 10th with 98k.

The Unlimited Rovers have many options, and 10 entrants chose this category. Topping the list was the team of Brian, ND3F, and David, N3XUD, operating the N3IQ rover. They had a busy rove with a 180k score based upon a 10 band station with 551 contacts and 146 grid multipliers. WA3PTV had a 65k score also using 10 bands. The NN3Q team Russ with Al, K3WGR, had nine active bands and turned in a healthy 60k for 3rd place. All of these stations operated across grids in the Mid-Atlantic States area.

When the Unlimited Rover category was added to the possible rover categories, it appeared that it was in response to the grid-circling pack rovers, giving them their own category. That also allowed the more traditional rovers to compete against each other by making the rounds of several grids and making contact with the fixed stations. No matter what your opinion may be about the West Coast rover group activities, it is clear that they have established themselves as a controversial force in the VHF contests. They have attracted a few more like par-

ticipants to the shorter wavelengths with the "bands in a box" stations. When it comes to adding up the numbers of contacts on bands FGHIJ, they accounted for 57% of all the QSOs made on these bands. In addition to 6 meter activities monopolizing the weekend, the reduced number of microwave capable rovers on the East Coast also contributed to the limited number of microwave contacts made by all other stations.

Portable Operations

Single-Operator Portable entries get a lot of respect from me as they venture out to locations where they can hear well, but can transmit low power only, restricted to 10 W and required to use a portable power source, portable equipment and antennas. For several years, Chris, KA1LMR, in NH has been on the top of the QRP list, and his score of 115k with a 6 band effort put him there again. He had 389 contacts in 120 grids on 6 meters. That is a testament to what can be done when the band is making its magic. A long way back in 2nd place, Curt, K9AKS, had 38k using 4 bands in CO, capturing 238 QSOs on 6 meter with 129 grids. Jory, KJ5RM, was 3rd in QRP with his NTX score of 19k on bands ABD. W4RXR was 4th from VA with 11k on 5 bands. Rounding out the top five of the 20 entries in this category was Ken, WB2AMU, in NLI with a 4 band entry of 10k.

Aggregate Club Scores

Adding all the club entry logs together totaled 508. Considering that there are many MO entries in the club category, I estimate that 50% of all the contestants submitting logs are also members of ARRL Affiliated Clubs. Uncontested in the Unlimited category with 58 contributors, the Society of

Midwest Contesters amassed 1.4 million points. In the Medium category, the Southern California Contest Club scored 2.8 million points, with 2.2 million of those points scored by their pack rovers. All told they had 21 contributors. The Potomac Valley Radio Club was second in the category by a mere 90k points and had a 2.7 million total representing 34 participants. The Florida Contest Group with their 18 stations produced a 3rd place score of 1.4 million. The Murgas ARC topped the Limited Club entry list again, with the score of WA2FGK as their main contributor. Their three stations had almost 1 million points total. The 2nd place club in the Limited Club category was the Chippewa Valley VHF Contesters and their 4 entries totaled 320k. In 3rd place we had the Eastern Connecticut ARA with 6 logs and 135k total score. What is remarkable about all the club entries is that they have stimulated growth of VHF and microwave activity and generated greater group participation in these and other on-the-air events. Any of the clubs listed represent a brotherhood of helping hands and technical support. If you are a VHF beginner, or merely seeking to improve your station or operating skills, these clubs are excellent resources. Information about these clubs and contacts can be gleaned by looking at the ARRL Affiliated Club listings or using an online search engine.

In Closing

I am grateful to all the stations for sending me reports of their successes and their frustrations. Without all of the reports and posts on the ARRL Soapbox, it would be difficult to make a contest summary. Even if you didn't see mention of your call and activity here, as space no longer permits all entries to be listed in *QST*, take solace in the fact that you were a participant in one of the most exciting June VHF QSO parties of the decade. I would also like to thank Jani, my XYL, for her editing skills and support.

Complete contest results including all submitted line scores are available on the ARRL Web site under "On the Air": click the Contests link. If you missed the magnificent conditions this time around, you'll get your next opportunity on June 11-13, 2011. This year's contesters will be looking for increased participation and as exciting, if not better propagation.

More Results Online

You can find additional commentary, regional and QSO leaders, and a complete table of all the new Section-level records in the online version of this article at www.arrl.org/contests.