Results of the 2006 CQ WW VHF Contest

BY JOHN LINDHOLM,* W1XX

"Six meters sounded more like 20 meters on a Saturday night." — K300

"Best 6-meter E-skip contest ever!" — KN4SM

"Awesome double hop on 6 meters." — N7EPD

"This will be one for the record books. Six meters sounded like the CQ WW DX Contest." – W2MMD

hat makes a good VHF contest? Answer: QSOs, QSOs, and more QSOs. Back in the good ole days of VHF contesting, it took a rather technically competent individual to even be able to get on any VHF bands. These folks were not usually the best operators, but they won the VHF contests because they had the best stations. That has not been so for many years now. Today, having 6and 2- meter capability is no more challenging than putting together your typical HF station. In years past, such individuals were disparagingly referred to as appliance operators. With today's dearth of homebrew equipment, most of us are now in that category. Band capability above the "bottom two" does, however, require an increment of more know-how and a significantly larger dollar investment. Therefore, contesting on the two lower VHF bands is somewhat analogous to HF contesting. For most VHF contesters, that is just fine. Thus, we see the tremendous popularity of the CQ WW VHF Contest. It's a contest for contesters, attracting both the serious and the casual operators. Such went the dissertation of the "Old Timer" at the annual Contest Quahogs of Rhode Island (CQRI) meeting devoted to a review of the 2006 CQ WW VHF Contest. This time there was much to crow about!

To lend historical perspective to North American VHF contesting, Curt Roseman, K9AKS, cartographer for the very first and subsequent published grid locator maps in North America, was introduced as the newly appointed CQ VHF Contest *historian*. In this important capacity, Curt is now generating contest records for posting on the contest website: <www.

cqww-vhf.com>. He had a great deal to say about the July 16–17, 2006 CQ WW VHF Contest.

All North American VHF Contest Records Shattered

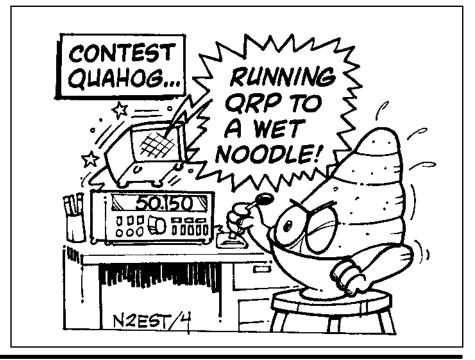
The big story of this contest was the widespread and long-lasting opening on 6 meters that produced record scores in many parts of North America, including most areas east of the Rockies.

A look at the top ten lists of scores, as well as 6-meter QSOs and grids worked, shows the widespread nature of the opening. In the Single Op All Band (SOAB) and Single Op Single Band 6-meter (SOSB6) categories, scores exceeding 198K were made in eight U.S. call areas, the exception being the 6th and 7th districts. The same pattern was true for stations working 220 or more grids on 6.

The big opening drove scores much higher than ever attained in this contest, which dates back to Y2K. Before 2006, the highest single operator score ever attained was 212,952 posted by K2DRH (IL) in 2003 during heightened conditions. This year, seven all-band entrants and two 6-meter-only stations exceeded that score. In the multi-op category, two scores exceed the previous massive 2003 score



The CQ WW VHF Contest continued its strong showing in Thailand with 43 log entries. Here 2005 single-op single-band 2-meter plaque winner for Asia, Nattida, E20YGG (right), receives the congratulations of the immediate past president of the Radio Society of Thailand, Mayuree, HS1YL (left).



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KU4BP/4 used this effective antenna setup for his hilltopper station along the Blue Ridge Parkway in North Carolina, EM96kk. QRP portable for just six hours, Ed made 86 QSOs with a multiplier of 51 to earn a certificate.

of 459K by W3ZZ. K3EAR set the new mark at 642,400 points, followed by K8GP with 531,508.

The once elusive goal of working 1000 station on 6 meters in a North American VHF contest was first reached in 1996 by two stations in the ARRL June VHF QSO Party. The addition of 6 meters to numerous commercial HF rigs had given a boost to 6-meter activity. Presently, a total of 25 stations have exceeded that total, with seven of those in the 2006 CQ WW VHF Contest (and K8GP just missed the mark with 999 QSOs!). The highest previous 6-meter QSO total in the July CQ contest was 789, worked by multi-op W3ZZ (WV) in 2003.

Six-meter grid totals were equally, if not more, impressive. Prior to this contest, the highest grid total on 6 meters in a North American contest was achieved by K5JL (279) in the June 1987 ARRL contest. This July, the three highest totals *ever* were posted in the *CQ* contest: K3EAR (303), K8GP (295), and K2DRH (288). Also, five out of the eight highest totals ever were reached in this contest, including SOSB6 winner K1TOL at 273 and multi-op W3SO at 270.

The 1421 QSOs made by K2DRH and the 303 grids worked by K3EAR in the 2006 CQ contest both represent all-time highs for any North American contest. It is especially remarkable that these totals were made in a contest that lasts only 27 hours, compared to the longer 33-hour ARRL format. Imagine what kind of scores might have been reached had this July's contest continued for another six hours!

Some other notable accomplishments: The Single Op Single Band 2-meter (SOSB2) category was not heavily populated. No doubt the temptation to stay on 6 meters was too much to resist for most people. Nonetheless, the second highest

score ever in this category (16,794) was posted by W4WJF in North Carolina. The record high remains 40,880, reached by his dad, W4GRW, in 2003. The previous QRP record score of 33,245 by NØURW, also in 2003, was obliterated by KA1LMR, who racked up 112,288 points operating portable from a 1000-ft. hilltop in New Hampshire (and putting modesty aside, by K9AKS who scored 88K from Illinois).

With all the attention being paid to 6 meters in North America, it is easy to overlook some good 2-meter conditions that prevailed in the upper Midwest Saturday evening and Sunday morning. Nine of the top ten stations on the list of 2-meter grids worked are in Minnesota, Wisconsin, lowa, or Illinois. In spite of the 6-meter draw, score leader K2DRH still far outdistanced other 2-meter rivals with 260 Qs, while seven out of the top ten 2- meter Q totals were registered in the Great Lakes region. See the Hepburn index for Saturday, reproduced here, to see why this was so. Could it have been any better for K2DRH?

The statistics indicate that a strong case can be made for declaring the 2006 CQ WW VHF Contest to be the *greatest* North American VHF contest *ever*.

Hoopla ensued from the assembled quahog contesting contingent, as K9AKS concluded his remarks.

Was It Just Conditions?

Why were so many stations in North America worked? Was it just conditions? Surely many jumped in upon noting the superb and long-lasting propagation. However, that doesn't explain the *preparation* made *prior* to the contest by rover stations, which increased by 75% over the pervious year; by Hilltoppers who increased by 82%; the entries of mega-mul-

TOP SO	
All Band	
NP3CW37,281	Hilltopper HG2006GYR1,938
DL2OM23,040	
DL2010123,040	HA5CQZ/P1,560 HS9EOW1,210
	VA7MM1,196
6 Meters	VA/IVIIVI
W4TAA/VE3 154,780	QRP
VP9GE60,792	M3RCV5,060
EA2ARD39,501	9A3TU1,276
CT1EGH36,540	JA2MWV1,104
EB1EHT33,750	0.1=
EB1EWE28,112	Rover
Z36W19,698	VE3CRU79,002
EA1WX13,708	VE5UF37,680
G4DEZ11,100	,,,,,
ZC4LI10,624	Multi-Op
	OK1KIM263,252
2 Meters	CQ3A85,070
DK5DQ59,422	OK1KDO20,520
OK1WMR25,760	TA3KC17,388
DR2006E18,330	GØBRC13,640
HS6RMY9,920	HS3KUI10,218
ON6NL8,970	OK1KVK10,218
	_
US	5A
All Band	KV1J6,726
K2DRH700,701	KU4BP/44,998
K1TEO348,036	KØNR3,078
KB8U299,766	K4JSI2,160
W1XX284,325	
N3HBX229,977	
NØVZJ229,360	QRP
WØEEA219,072	KA1LMR112,288
K4EA198,843	K9AKS88,400
KC9BQA163,737	WVØH31,644
NØURW150,903	KE2N27,300
6 Meters	WB2SIH15,925 N8XA14,976
K1TOL358,449	K5RX11,310
W6OAL242,424	N3NX11,310
W2MMD200,718	
NW5E199,888	Rover
W5PR189,006	NØDQS219,324
WD5K180,544	K9JK172,542
NN1N161,805	W4VHF119,259
W1QK155,036	WB8BZK115,434
N4MM141,102	N9TTX103,452
K7RE104,664	N4DXY75,684
2 Meters	
W4WJF16,974	Multi-Op
W3ADC10,152	K3EAR642,400
N9TF9,718	K8GP531,508
11904	K5QE379,998
Hilltopper	W3SO375,240
KFØQ18,180	N2BJ133,015

tis K3EAR, K8GP, K5QE, and W3SO; and the many stations operating portable at mountaintop and other better-thanhome locations. These all require planning and commitment. Kudos to the big multis for sparking operating interest in passers-by stations. Could it be that the simple two-band format of CQ is being recognized by the vast majority of VHFers as a viable competitive alternative to DCto-light affairs? These questions were presented for discussion by a long-time VHF contester, with the consensus being that with the 2006 running, the CQ WW VHF Contest had "arrived" in the eyes of a large segment of the normally silent VHF community.

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Hilltopper KFØQ

By Matt Burt, KFØQ

This year was my first attempt operating the QRP Hilltopper category. The CQ WW VHF test is always fun and the Hilltopper category sounded great to me. The 6-hour maximum operating time really adds a twist as well. So which 6-hour span is the best? With the heat and such I decided that setting up on Saturday night would be good and that way I could operate in the morning while it would be cool for at least a few hours. The Hepburn forecast also indicated that Sunday might favor better conditions, so Sunday it was.

Ispent Saturday in preparation, but by afternoon reports were coming in about how great conditions were. Had I miscalculated? Rather than dwelling on missed-out fun, I remained focused on preparation. At 7 PM local I went up to a knoll in a hay field, which was the chosen operating location, to find a quite pleasant 82 degrees and a nice breeze. With the 5-element 6-meter and 12-element 2-meter Yagis up on a push-up mast, I returned home for a good night's sleep.

Sunday morning I returned with the rigs, deep-cycle batteries, and plenty of bottled water in my air-conditioned SUV, ready to go. It really didn't make a bit of difference when I

started, as 6 meters was wide open and Qs were going in the log within seconds of turning on the rig.

I started slugging it out on 6 with other stations (some QRP as well), calling CQ and getting as many as four Qs per minute! While searching and pouncing, it was evident the band was open in all directions. Farthest grid was FK68! I jumped up to 144 MHz every time someone stole my frequency on 6 to log a few Qs there. There were some great 2-meter signals from ENs 37, 52, 63, 71 and EM39. Although conditions seemed pretty darn good on 2, I think most stations favored the mayhem on the Magic band.

The incredible conditions on 6 were almost unimaginable. Typically, I see the band open to the east or west, but I was able to work stations in almost any direction all the way up to 50.300 with QRP power! Results? On 6 meters I netted 78 grid multipliers and 12 on 144 with 35 states and provinces worked on 6 meters in 359 minutes of operating. The Hilltopper category is unique to the CQ VHF Contest and not hard to do. Try it...it's fun!

(Matt earned a plaque for his fine effort—ed.)

QSO LEADERS BY BAND WORLD

Single-Op		OK1WMR	230
50 MHz		DR2006E	195
W4TAA/VE3	.710		
VP9GE		Multi-Op	
CT1EGH		50 MHz	
EA2ARD		CQ3A	120
NP3CW		OK1KIM	
EB1EHT	270	TA3KC	113
EB1EWE	251		
Z36W	201	144 MHz	
		OK1KIM	588
144 MHz		HS1ASC	395
HS2ZMU	436	HS3KUI	
DK5DQ		HS7ZWU	
E22TV	359	E21LYC	353
HS4DDQ	305	E21WRI	337
HS6RMY	248	HS1LLT	
HS9KSX	231	HSØIAQ	308
		0.4	
	U:	SA	
LICA		NGUDW	440

	U	SA	
USA		NØURW	110
Single-Op		KC9BQA	98
50 MHz		NØVZJ	92
K2DRH1,	421	K1TEO	88
K1TOL1,	313		
K1TEO1,	085	Multi	-Op
W6OAL1,	036	50 N	1Hz
W1XX1,	031	K3EAR	1,150
WØEEA	962	K5QE	1,042
NW5E	961	K8GP	
WD5K	.868	W3SO	858
W5PR	867	N2BJ	495
N3HBX	.865	K2AA	373
		WA1Z	329
144 MHz			
K2DRH	260	144 N	ИHz
W4WJF	207	K3EAR	305
KB8U	154	K8GP	247
N9DG	145	W3SO	161
W3ADC	141	K5QE	160
NOTE	112	NOD I	110

Interestingly, NØURW offered some revealing commentary as to why 6 meters to some was a bottomless pit of QSOs. With a station that can easily be classified as a mega-station, Dan's big 6-meter antennas were stuck on west with a broken rotor. Thus, rather than push for a big score, he surveyed each station worked for a brief rundown of power and antennas. He found there was a huge number of HF stations that tuned up whatever antenna they had to work stations coast to coast. Everyone had conditions on 6 that supported long-distance contacts no matter what the power or antenna. For example, K5RX was "a 6 meters only operation with all contacts made with a borrowed FT-817 with just 2 watts output to an 80-meter inverted-V up 90 feet. Of course, lots of stations did not hear me, but 145 (!) did." It was Jim's "first time on 6 meters in 30 years." Generally, the HF + 6 radios really made their presence known, more so than ever before. Upon getting a taste of 6-meter magic, how many will now proceed to get more efficient antennas? Hopefully, many!

DX

The CQ WW VHF is *the* worldwide VHF contest activity. DX log entries show continued growth in activity, as noted by HA2MN: "Enjoyable contest with growing activity. CU next year." And QRP winner M3RCV: "My first participation in CQ WW VHF. Was pleased to make 83 QSOs. Best DX on 6 meters was CQ3A and worked an EA7 on 2-meter *Es*."



VHF contesting runs in this family. Eighteen-year-old Josh Fisher, W4WJF, successfully defended his USA SOSB2 title with a second-place all-time record of 207 Qs in 41 grids for 33K points, thus earning his second plaque. His dad Bill, W4GRW, still holds the record from 2003 at 40K points.

Six-meter propagation was not so kind to Europe, as noted by multi-op winner OK1KIM: "As the propagation gods were nice to NA, they almost omitted us. We rebuilt our monster 2-meter array, but activity was about as expected. Overall an 11% reduction in score, but we'll be in there again in 2007."

Other top DX scores were made by NP3CW in SOAB, W4TAA/VE3 in SOSB6, and DK5DQ, four-time consecutive SOSB2 winner. Logs received showed a modest double-digit increase in the number of DX countries represented, including two countries in Africa, four in Asia, and two in South America. As a member of the CQ WW family of contests, the CQ VHF continues to gain recognition, with a prominent place on the operating calendar.

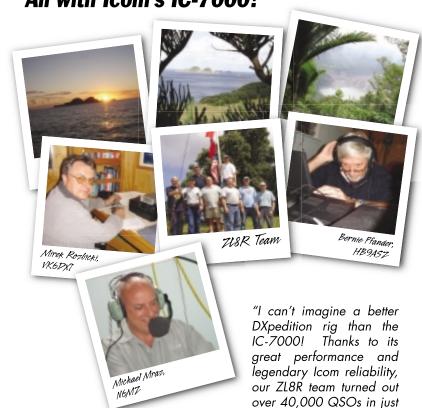
Hilltoppers

Hilltopper stations came into their own in this contest. For the uninitiated, a Hilltopper station operates portable away from home with QRP power for a maximum of 6 hours. This obviates the need for overnight provisions and generators (although they are permitted), and leaves time to observe nature at its finest. The entrants tell it best:

"The Hilltopper category was just what I needed this year, with a tight personal schedule. Operated from Mt. Evans (CO) at 14,2634 feet. Great 6-meter opening."

—KØNR. "This 'hilltopper' operated from the flat lands of Texas in EL28 with a battery-operated K2 and XV50 transverter at 10 watts. Antenna was a homebrew dipole elevated to 24 feet on a DK9SQ fiberglass mast."—KN5G. "Operated from a Lake Michigan campground in EN76 using a Stressed Moxon on 6 meters on a pushup pole for about one hour using a 10 Dcell battery pack."—N8ZLR. There were even comments from DX stations: "Oper-

"Our ZL8R team turned out over 40,000 QS0s in just over a week...." All with Icom's IC-7000!



over a week of round-the-clock operating from Raoul Island in the Kermadecs. The rigs never missed a beat! The best part was that we fit all six IC-7000s along with their lcom power supplies and auto-antenna tuners in just a few small padded cases! Thanks lcom!"

- Michael Mraz, N6MZ

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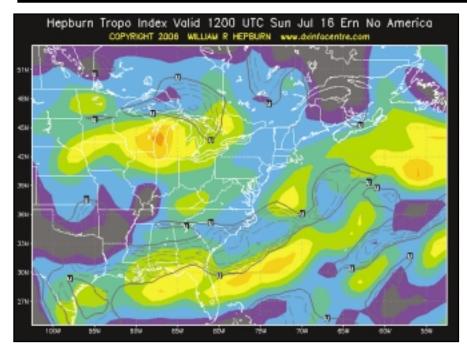
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Great 2-meter enhancement was also experienced by many stations in the Midwest states of MI, WI, IL, and IN. The Hepburn Tropospheric Ducting Forecast for the Saturday of the contest showed an index of 7, "intense," over the Lake Michigan area. See http://www.dxinfocentre.com/tropo.html. (Printed with credit to the original source, William Hepburn)

ated portable in a tent from a Norwegian National Mountain Park at 1300 meters asl."—*LA3DV*. "High winds do not make it easy to stay a long time on a 2000-meter high mountain. But that's the way hilltoppers like it."—*OE1CWA/3 (That's priceless, Christian!*—ed.).

Eighteen certificates were earned by hilltoppers worldwide, with KFØQ earning top USA honors with an impressive 18K points, and HG2006GYR top DX score with a shade under 2K points.

Rovers

With just two bands to operate (and many opted for just 6 meters), a competitive rover station does not have to be a replica of the "Batmobile." Simple Moxons and loops seem to be the antennas of choice, with traveling to rare grid squares a common theme. A GPS receiver is a must. Home stations need not obsess about shadowing rovers, as they often find you.

Rover activity mushroomed in the 2006 contest, as those with home operating restrictions or sub-par locations took to the open road. A surprising result was that sixtime rover champion W4VHF was displaced by NØDQS with 219K points hitting five squares, and K9JK second with 172K.

Contest Management

CQRI members recognize the team effort it takes to bring this contest to you. The CQ VHF flies under the familiar banner of the CQ WW family of contests. Under the stew-

ardship of NC1C, all logs submitted were processed by VHFSCAPE (VHF scores for Contest Adjudication, Post Entry) and produced these overall impressive numbers: Number of log entries 565, topping last year's record mark by 86%; 97,331 total claimed QSOs, up a whopping 216%; total number of stations active 13,465, up 35%; number of grids activated 888, up 34%. Error rates actually dropped over the previous year: invalid or "not in log" 0.9%; dupes (claimed as valid) 0.3%; "busted" calls 1.3%; overall error rate at just 2.7%. Kudos to entrants on keeping clean logs and submitting them in Cabrillo format.

GRID MULTIP	LIER LEADERS
BY	BAND
	ORLD
Single-Op	DL2OM46
50 MHz	ON6NL39
W4TAA/VE3218	
VP9GE136	Multi-Op
EA2ARD133	50 MHz
NP3CW128	CQ3A165
EB1EHT125	OK1KIM97
CT1EGH116	TA3KC68
EB1EWE112	444 8011-
444 1011-	144 MHz
144 MHz	OK1KIM96
DK5DQ73	OK1KDO41
OK1WMR56	OK1KVK39
DR2006E47	GØBRC35
į u	ISA
Single-Op	NØGZ39
50 MHz	KC9BQA36
K2DRH288	. 1002 () 1
K1TOL273	Multi-Op
K1TEO247	50 MHz
N3HBX244	K3EAR303
W2MMD243	K8GP295
W1XX237	W3SO270
W6OAL234	K5QE237
N4MM234	N2BJ145
KB8U228	K2AA138
WØEEA220	WA1Z116
	K2OAK106
144 MHz	K2LDT96
K2DRH73	NN4RR90
N9DG57	
KB8U54	144 MHz
NØURW45	K3EAR62
N9TF43	K8GP61
W4WJF41	W3SO48
NØVZJ39	K5QE42
K9AKS39	N2BJ40

Thanks also to WA7BNM for CabForms, which allows on-line post entry.

Other team members recognized for their valuable contributions include the following who assisted in international prepublicity of the contest dates and rules: UR5ECE, PY2ZX, OK1RI, OZ7IS, E21EIC, and others who did so unrecognized. For the 2007 contest, the publicity

2006 PLAQUE WINNERS

Single Operator

USA All Band: Bob Striegl, K2DRH. Donor: Ted & Itice Goldthorpe, W4VHF & K4LVV

USA 6 Meters: Lefty Clement, K1TOL. Donor: John Kitchens, NS6S

USA 2 Meters: Josh Fisher, W4WJF. Donor: Ariane Arrays, Inc.

USA QRP: Christopher M. Merchant, KA1LMR. Donor: Bob Witte, KØNR

USA Hilltopper: Matt Burt, KFØQ. Donor: anonymous, in memory of Edward P. Tilton, W1HDQ

World All Band: Julio Medina, NP3CW. Donor: The Badger Contesters

World 6 Meters: Bill Brown, W4TAA/VE3. Donor: Dennis Motschenbacher, K7BV/6 World 2 Meters: Nicolas Exner, DK5DQ. Donor: Bill Burgess, VE3CRU

Asia 2 Meters: Bunknite Tingitviboonkun, HS6RMY. Donor: Golden Kilowatt Council

in memory of Hans D. Hollstein, HSØ/KA3TDZ

Multi-Operator

USA: South Mountain Contest Club, K3EAR. Donor: Bob Striegl, K2DRH World: Radioklub OK1KIM. Donor: Grid Pirates, K8GP

Thailand: Kasetsart University ARC, HS3KUI. Donor: Siam DX Group

Rover

USA: Gene Mitchell, NØDQS. Donor: W3SO, Wopsononock Mountaintop Operators World: Bill Burgess, VE3CRU. Donor: CT RI Contest Group

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team expands to include EA7KW, $G\emptyset LCS$, G4DEZ, and H13TEJ.

Auto log processing has developed under the expertise of NC1C, who now wishes to step back from these responsibilities. A tremendous debt of gratitude is owed to Dave for seeing us through the formative years of the CQ VHF Contest. Steve, N8BJQ, of CQ WW WPX Contest experience (and who now heads up CQ's WPX Award program), will be stepping into the breach with assistance from K9JK and NS6X.

2007 CQ VHF Contest

Nearing the close of the 2006 review and the CQRI meeting, contest director W1XX delivered some well-chosen words. The 2007 edition of CQ VHF Contest is scheduled for July 21–22. The full announcement will appear in the June issue of *CQ*, on the CQ website (www.cq-amateurradio.com), and on the contest website (www.cqww-vhf.com).

The contest took a tremendous leap forward in recognition with the enhanced NA conditions experienced in 2006. We need to advance from that point in providing a fun, competitive VHF event, continuing to appeal to mainstream 6- and 2-meter operators. In Europe, we continue to face strong competition for room on the VHF operating calendar. With local publicists in place, the CQ VHF Contest can tap even further the vast resource of EU stations, especially on 2 meters. Inroads to further activity in Africa, Asia, and South America need to develop, as well as an initial step in Oceania.

An admonition to North American ops: We won't always see the widespread 6-meter enhancement of 2006. However, there continues to be a vast supply of often quiet 2-meter stations in most parts of North America that used to be contest active in the late 1980s. Make it happen again. Don't neglect 2 meters. Fill the ether with 144-MHz RF and we all shall be rewarded. Thanks to all for your support of this contest!

Thereupon the Contest Quahogs filed out to the parking lot for an antenna-gain measuring contest. 73, John, W1XX

QRM

Amazing 6-meter conditions and excellent operating made for a great event . . . AD4IE. Fine contest, the first for me on 6 meters. Will do more in the future . . . CT1DRB. This contest had the best 6-meter opening I've seen in many years. It was great! . . . K2EVW. It was great to see both 2 and 6 meters open. I had a lot of fun K0RU. What an exciting contest. With 100 watts and a loop at 30 feet for 6 meters, I worked 78 grids and even heard more but couldn't always break the pile-ups. Worked VE3CRU/R in three grids. The N1MM Logger rate summary showed one 60-minuter run of 58 QSOs/hour—not bad for 100 watts and a loop . . . K3IXD. The single and double hop *E*-skip made this a great contest. My barefoot FT-817 and



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small Yagis did just fine. I wish there had been more activity on 2 meters, as there was some sporadic-*E* there as well . . . **K4JSI**. Great contest, great opening. Don't you love it when the two coincide!? My first effort in this contest . . . **K5JMP**. A couple of good openings, although apparently not quite as long as some other parts of the country. Thanks to the California stations on 2 meters . . . **K7TOP**. I think I worked more W6/W7 stations on 6 on Saturday than in my previous 40+ years of operating . . . **K8MR**.

Wow, what a great contest! Most grids worked in a VHF contest One of the best openings on 6 meters I have worked in a contest . . . KA1LMR. This was my first VHF contest and I had a blast. I can't wait till the next one ... KB3NDS. Fantastic! Wonderful condition on 6 meters. Best I've heard in years. Worked 114 grids running only 35 watts! . . . KB8UUZ. Was great fun. First contest operating QRP. Rig was a Yaesu FT-817 and 2.5 watts into a Par loop antenna . . . KC9AXZ. This was the first VHF contest I ever operated from my home QTH in DM12jt, 400 feet asl, about 7 miles from the Pacific Ocean and 35 miles north of the Mexican border. After picking up locals in and around southern California, started scanning up from 50.125 to discover there was long single- and even double-hop traffic to the northeast. There were only a few stations moving the S-meter, but they were perfectly readable. It sounded like the stations on the east coast were having a blast. If you didn't know you were on 6, you would have sworn you were on 20 instead. Ended up with fewer contacts than usual, but more grid squares due to the opening on 6, so the score was actually higher than in 2005. Thanks as always for hosting this, and we'll see you next year . . . KG6IYN. Great conditions on 6 meters to all over the USA and Caribbean. Working FM5JC was the highlight of the contest . . . KI7JA. Great pile-ups on 6 and 2 meters. It's great for everybody who have 6 and 2 meters and can join the fun . . . NØDQS. Signals on 6 meters were S9+60 all day Saturday. And 2 meters was open until at least midnight! . . . NØEDV. Great contest, lots of fun. Only got to activate three grids, but got my first inter-continental DX in the log, as well as my first contact with Puerto Rico . . . N1KPW.

One of the best ever VHF contests for me on 6 meters in 25 years of VHF contesting . . . NØKE. Ran 500 watts to a MonstIR at 60 feet on a West Virginia ridge-top. My first VHF contest ever . . . N4TX. My first contest ever! . NH6VJ. Ten watts to a dipole in the attic. When 6 meters is open, it works pretty well . . . NJ1H. With my 150 watts I did not run for a plaque, but still had fun. It was nice to hear all the DQ and DR stations on. Sunday afternoon a short 2-meter sporadic-E opening brought five QSOs of over 1800 km . . ON6NL. VUCC on 6 meters in less than six hours with 100 watts and a 4element Yagi . . . VE3KZ. Best conditions on 6 meters for any of the many VHF contests we have done over the past ten years. Largest grid total on 6 ever with Europe, Caribbean, West Coast, Western Canada, and everything in between for most of both days . . . W3SO. This log is QRPp 1watt output for all contacts from FM18hk in Virginia. Amazing conditions! . . . My first VHF contest in 52 years. Lots of fun. See ya'll next time . . . W5KDJ. My first 6-meter contacts since the days of my Heath Sixer in the mid-60s. Antenna was a 40-meter dipole! Will put up a J-pole and see if I can join in future fun on the Magic band . . . W5TB. What a wild ride this one was! . . . W6OAL. Fifty years on the air and I felt like a Novice all over again with the openings on 6 meters . . . W8IQ. Working Maine (K1TOL) with less than 10 watts from DM37 [UT] was biggest thrill ... WAØYPL.

Once again **CQ** magazine picks out an unbelievable weekend for NA conditions. Last contact Sunday morning was Greece. Wow!... **WA2FGK.** Great contest with tremendous activity from all call districts. I think this contest will influence many new 6-meter ops as to how cool this band is ... **WB2QLP.**

I only wish that bad conditions could be this good for all contests. I may even be able to get VUCC 6M if I get a good response to QSL mailing. Even had a brief E-skip opening on 2 meters. Let's do it again. Replay please ... WF4R. I operated on solar power and batteries from the top of a 5000-ft. mountain in the Sierras. Beautiful! . . . **K6XN.** What a neat way to end a vacation in the mountains of western NC. Heard things atop Mt. Mitchell at 6,684 ft. that I don't hear at home. Drove some roads moving between high points where I could see my taillights on the switchbacks. Six meters was hopping ... K8YC. Great, great conditions. A pair of Par OA-50 loops and 100 watts was enough to get 595 Qs in 171 grids. Here in the Midwest, 144 MHz conditions were spectacular as well. Lots of ops got exposure to this contest and that's a real plus . . . KC9BQA. Operated Hilltopper category with an ICOM 703+ for 6 meters to a dipole and Ten-Tec 2-meter transverter to a 3-element Yagi at 10 feet on a hilltop overlooking San Juan Capistrano and Dana Point Harbor in southern CA. It was just a 30-minute hike from home . . . KG6TGI. I ran 10 watts to a whip on 6 meters as a Hilltopper. Was pleased to work Lefty, K1TOL in FN44, WAØMHJ/R in rare EN38, and VE4EAR in EN19 was very loud . . . NØJK.

Great 6-meter opening and was able to work RI for my 49th state towards WAS . . . NØXLR. Great surprise to have won 1st place in class in CT last year. Great fun this year with the band being wide open . . . N1ZN. First time submitting a log for this contest. Running 6-meter QRP a challenge even with the great band opening, but a lot of fun. A big thrill to snag some Caribbean QSOs on the first call. Great timing for CQ WW VHF! ... N2BEG. First real time on the air since Hurricane Katrina caused substantial damage to my house. All ham gear except my Drake TR-7 survived . . . N3AWS. My 6th time in CQ-VHF with twice as many Qs and grids on 6 meters as my previous best. I worked 12 double-hop grids in fields DM and DN and an EH8 called me off the back of the beam. There were lots more ops on CW than usual with about 40% of my 6-meter QSOs on CW . . . N3UM. Best activity on 6 meters I've ever heard for a contest weekend . . . N4XD. First VHF contest. It was just as much fun as chasing new states on 40 meters as a Novice. Need a directional antenna for next year . . . N7NT. The contest coincided with the annual vacation to the outer banks of NC. A bit of a struggle to work stations with 50 watts to a Hamstick, but many appreciated the rare grids of FM25 and FM26 . . . N8II.

The contest started while returning home from vacation in Wyoming. I was able to operate from 11 grids on the way . . . N9MYK. Great contest without the upper bands. Not all of us can afford good stations through 10 GHz. This was a personal best for multipliers . . . NN4RR. NT5HS was a rather accidental rover entry in the contest. Returning home to Texas from a trip to South Dakota, all of a sudden there was a multitude of signals on 6 meters obviously operating a contest. After asking someone what contest, we were off to the races. The simple setup consisted of a Kenwood TS-480, Garmin GPS, and a Par OA-50 loop 3 feet above the van. The opening was superb working some fairly unusual grids ... NØRQ & KC5POV. Operation from Hollyburn Ridge, BC at elevation 2000 feet . . . VA7MM. This contest was one of the best I have ever participated in as a rover. This was a very high-spirited event . . . VE3CRU. Six meters was fantastic with lots of CW activity. Those who do not use CW are missing multipliers . . . W2UDT. Rig was a borrowed TS-690 running 50 watts to a homebrew antenna consisting of solid aluminum wire and lots of electrical tape. Temperature was near 100° F roving just south of the Canadian border. The antenna looked pretty pitiful but the band really came through . . . WAØMHJ. Thanks to all concerned in running this contest . . . ZC4LI.

Number/le	etter groups after o	all lett	ters der	note the	N1DG	6	2,684	61	44	MA	FN42	N2BEG	Q	7,104	96	74	NY	FN12	W3S0	М	375,240	1,019	318	PA	FN00
	: Class (A = all ba				W1DMM	6	2,016	56	36	CT	FN31	W2JEK	Q	1,040	40	26	NJ	FN20	K3WW	M	76,557	453	169	PA	FN20
	Q = QRP, Q* = QRI				K1VU	6	1,230	41	30	MA	FN42	KC2NWV	Q	621	25	23	NJ	FN21			400.040	040	007		F8 47 4
	r. M = multi-ope				K1EP KV1J	0*	520 6.726	26 112	20 59	MA ME	FN42 FN44	K2AA K2OAK	M	65,637 31,372	401	153 124	N) LN	FM29 FN21	K4EA W4WA		198,843 131,440	810 585	237 212	GA GA	EM74 EM84
	of QSOs, Number				KA1LMR			624	59 176	NH	FN44 FN43	K2UAK K2LDT		15,402	221 145	102	NY	FN21 FN12	K4QI		116,704	383 487	212	NC	FM06
	vince (USA/Canada				NJ1H	o	6,612	114	58	NH	FN42	KZLDI	IVI	13,402	143	102	IVI	11112	NJ2F	Ä	83.160	515	154	FL	EL96
	er of grids activate				WA1Z	М		333	117	NH	FN42	N3HBX	Α.	229.977	887	253	MD	FM19	K4XR	A	80,618	440	173	AL	EM64
	r USA are listed se				N1VMJ	M		140	78	MA	FN32	W3ZZ		119,196	568	198	MD	FM19	KD4K	Ä	67,648	441	151	GA	EM74
			ery. Cer	lilicate	KB1HAR	M	11,076	139	78	CT	FN41	K3TUF	Α	82,152	434	168	PA	FN10	N4XD	Α	63,580	363	170	NC	FM05
winners a	re listed in boldfa	ce.										WA2FGK	Α	51,072	307	152	PA	FN21	KN4SM	Α	59,965	312	179	VA	FM16
	2007 VIIIE DE		тс.		W2EV	Α	67,200	391	168	NY	FN03	K300	Α	49,280	344	140	PA	FN20	NG4C	Α	53,404	334	158	NC	FM16
	2006 VHF RE		15		KV2M	Α	66,300	407	156	NJ	FM29	N3UM	Α	21,420	200	102	MD	FM18	K5JMP	Α	40,749	271	141	VA	FM18
	NORTH AME	RICA			KA2CYN	A	45,875	361	125	NY	FN31	KB3NDS	A	12,354	136	87	MD	FM18	K4TO	Ą	22,454	161	109	KY	EM77
	UNITED STA	ATES			W2UDT	A	21,280	210	95	NJ	FN20 FN03	K1DS	A	12,118	133	83 77	PA	FN20	KI4IMA	A	20,800	196	100	FL VA	EL96
K1TEO	A 348,036 1,173	276	CT	FN31	K2QO K2KIB	A	12,848 12.816	139 134	88 89	NY	FN03 FN21	K3NG K3ISH	A	10,472 7.738	135 102	73	PA PA	FN20 FN21	K4FJW K3IXD	A	19,620 14,823	204 180	90 81	SC	EM86 EM93
W1XX	A 284,325 1,073	255	RI	FN41	WO9S	A	9.480	119	79	NY	FN12	AK3E	A	7,736	102	72	MD	FM28	K2EVW	A	14,623	138	100	VA	EM96
W1RZF	A 60,006 382	146	MA	FN42	W2VU	A	8.832	126	69	NJ	FN20	N3FNE	A	4.028	72	53	MD	FM19	N4UFP	A	14,418	156	89	SC	EM94
K1EM	A 58,520 404	140	CT	FN31	KD2MX	A	6.867	107	63	NJ	FN21	W3BBO	A	3.162	62	51	PA	FN02	KR1ST	A	10.934	134	77	SC	EM92
NE1B	A 31,979 278	113	NH	FN42	W2MMD	6	200,718	826	243	NJ	FM29	KB3EXB	Α	2,480	56	40	PA	FN10	W4FRA	Α	10,790	124	83	NC	FM15
KB1JDY KC1MA	A 15,288 164 A 13,200 150	91 80	CT MA	FN41 FN51	NS2P	6	31,050	270	115	NY	FN24	N3CHX	Α	2,379	59	39	PA	FN20	KU4WD	Α	9,240	126	70	TN	EM76
N1CJG	A 4,050 76	45	CT	FN31	AG2A	6	25,404	219	116	NY	FN30	WA3PTV	Α	777	28	21	PA	FM19	WF4R	Α	9,176	109	74	VA	FM16
N1ZMB	A 3.149 66	47	MA	FN42	KC2HZW	6	20,900	220	95	NY	FN30	N3TEE	6	7,597	107	71	DE	FM29	KA6AKH	Α	8,268	99	78	VA	FM18
W1CRK	A 3.008 63	47	MA	FN41	K2DBK	6	19,834	211	94	NJ	FN21	K3MSB	6	7,236	108	67	PA	FM19	N4DWK	Α	7,840	109	70	VA	FM17
N1SXL	A 2,898 63	42	CT	FN41	W2CCC	6	19,200	200	96	NY	FN23	KW3F	6	4,960	80	62	PA	FN20	K4Z00	A	6,435	93	65	VA	FM08
WA20QE	A 2,745 59	45	CT	FN31	NG2T	6	7,446	102	73	NY	FN23 FN20	N3KN WA3KYY	0	4,081 2.752	77	53	PA MD	FN20 FM19	WS4V AD4TJ	A	5,251 5,192	87	59 59	VA	EM96 FM08
KA1VMG	A 2,320 55	40	CT	FN41	K2YSY W2FB	6	7,100 5.208	100 93	71 56	NJ	FN20 FN20	N3XLS	6	1,209	64 39	43 31	PA	FN21	KO4FR	A	4.187	82 78	53	VA VA	FM16
KB1FVX	A 323 18	17	VT	FN34	K2TV	6	3,208	78	51	NY	FN30	KB3LZV	6	744	31	24	MD	FM28	WB4CAT	Δ	4,187	79	51	NC	EM95
K1TOL	6 358,449 1,313	273	ME	FN44	NA2X	6	3,328	64	52	NY	FN13	W3BW	6	572	26	22	MD	FM29	K4WYS	A	3.888	67	54	VA	FM16
NN1N	6 161,805 805	201	CT	FN31	WB2TPS	6	2.948	67	44	NY	FN30	N3GE	6	228	19	12	DC	FM18	AK4FL	A	3,652	75	44	AL	EM64
W1QK	6 155,036 791	196	CT	FN31	WA2BKN	6	2.655	59	45	NJ	FN21	N3TXH	6	132	12	11	PA	EN90	N1RIK	A	2.277	64	33	NC	FM05
N4CW/1 AD1C	6 45,264 328 6 11.421 141	138 81	ME MA	FN53 FN42	N2SLN/M	6	1,504	47	32	NY	FN22	W3ADC	2	10,152	141	36	MD	FM19	AD4IE	Α	2,128	54	38	NC	EM95
K1TR	6 9.563 131	73	NH	FN42 FN32	W2CVW	6	700	28	25	NJ	FN20	WA3EOQ	2	1,872	39	24	MD	FM09	K4FTO	Α	2,079	55	33	VA	FM18
N1ZN	6 4.590 85	54	CT	FN31	KC2LZF	6	621	27	23	NY	FN02	K3ZT	2	96	12	4	PA	FM29	W4KTF	Α	1,855	51	35	VA	FM18
KB1JCL	6 4.180 76	55	NH	FN43	WB2AMU	6	504	24	21	NY	FN30	K4JSI	Q*	2,160	48	36	MD	FM19	AC2N	Α	910	33	26	FL	EL88
N1BNC	6 2,990 65	46	NH	FN43	N2JTX	6	100	10	10	NY	FN30	K3TW	Q	273	20	13	MD	FM18	WA4EPI	A	480	23	20	VA	FM16
W1SD	6 2.816 64	44	NH	FN42	KC2LYK	6	36	6	6	NJ	FN20	KI3G	Q	132	12	11	PA	FN10	WF1L	A	176	15	11	VA	FM18
	. ,				WB2SIH	Q	15.925	159	91	NY	FN31	K3EAR	IVI -	642.400	1,455	365	PA	FM19	NW5E	6	199.888	961	208	FL	EL98

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N5BO	6	80,884	554	146	FL	EM60	W5WV0	6 49,91	2 367	136	NM	DM65	KB8U	A 299,766		282	MI	EN71	KB9VZL	6 693	33	21	IN	EM79
W4RM N4TX		34,432 31,964	269 244	128 131	VA VA	FM18 FM09	WØVX N5ASA	6 41,07 6 33,64		126 116	TX LA	EM12 EM42	K8MR NØFW	A 86,464 A 45.000		193 120	OH OH	EN91 EM79	KG9N KD4SIR	6 612 6 589	34 31	18 19	IL IN	EN50 EM79
W4GRW		27.108	251	108	NC	EM96	WA8ZBT	6 32.42		107	TX	EM12	K8ZIZ	A 45,000		143	OH	EN81	NØICV	6 432	24	18	IL	EN52
W4JJF	6	20,332	221	92	NC	EM95	W5MPC	6 25,18	6 257	98	MS	EM54	N8BJQ	A 28,392	270	104	OH	EN80	KC9GDL	6 425	25	17	IL	EN51
N4CAG		19,448	187	104	TN	EM86	WB5KIA	6 19,30		100	TX	EM13	K8KD	A 23,595		121	MI	EN82	KC9BBP	6 300	20	15	IL	EM57
K3KO K4BAI		18,260 17.248	166 196	110 88	NC GA	FM06 EM72	W5GAI KE5HLT	6 18,15 6 7.15		102 65	TX LA	EM10 EM42	KF8QL N8IE	A 19,976 A 13,351		88 79	MI	EN72 EM79	W9JJC W9LYA	6 240 6 154	16 14	15 11	WI	EN65 EN62
W9RVR		15,023	181	83	TN	EM56	KJ5RC	6 2,85		42	MS	EM42	W8KNO	A 10,836		84	OH	EN91	N9TF	2 9,718		43	ΪĹ	EN52
K4DLI		14,875	175	85	GA	EM74	K7ICW	6 1,41		33	NM	DM62	K8DXR	A 9,672	117	78	OH	EN90	W9IIX	2 2,976	62	24	IL	EN61
WB4YDL		14,144	208	68 49	TN TN	EM56	WA5ZUP	6 1,17		31	NM	DM56 EM13	WA8WV	A 7,770		70 64	WV	EM98	K9AKS	Q 88,400 Q 9,983		170	IL WI	EN41 EN44
KA4BNI W2YE	6	8,232 7.866	168 114	49 69	VA	EM56 FM19	KD5HTB W5KI	6 76		24 23	TX AR	EM36	KC8VPC W8PAT	A 6,656 A 5.782		59	OH OH	EN91 EN81	KC9ECI KC9AXZ	Q 9,983 Q 6,901	124 99	67 67	WI	EN44 EN63
N4NX	6	7,440	120	62	GA	EM84	KD5VGB	6 69		24	NM	DM65	K8AB	A 5,202		51	OH	EN91	N2BJ	M 133,015		185	IL	EN61
AB4GG	6	6,909	141	49	TN	EM75	W5KWB	6 47		19	MS	EM42	KB8UUZ	6 19,038		114	OH	EN91						
KI4HEE K9HUY	6	5,510 4.095	95 91	58 45	SC FL	FM03 EL86	W5FIO K5CQB	6 27		15 14	TX TX	EM22 EM12	N8JI N8PVT	6 15,912 6 8,927		72 79	MI MI	EN72 EN64	NØVZJ	A 229,360		244	MN	EN35
N4WD	6	3,772	82	46	GA	EM74	W5TB	6 12		11	TX	EM23	W8UVZ	6 8,400		75	MI	EN72	WØEEA	A 219,072		224	CO	DM79
N4JRY	6	3,555	79	45	SC	FM04	N5DTT	6 9	6 12	8	TX	EL29	NO8R	6 7,665	105	73	MI	EN73	NØURW NØKE	A 150,903 A 114,885	619 617	207 185	CO	EN41 DM69
N2IXX	6	3,243	69	47	SC	EM93	KE5ELU	2 8		5	AR	EM34	AB8JR	6 5,428		59	MI	EN82	KØAWU	A 84,128		176	MN	EN37
W200 W4AMP	6	2,660	70 55	38 40	TN GA	EM85 EM74	KN5G K5RX	Q* 47 Q 11,31		19 78	TX TX	EL28 EM13	K8IR W8IDM	6 4,888 6 4,218		47 57	MI OH	EN65 EN81	NØUNL	A 76,104	453	151	NE	EN10
K4SV	6	1,920	48	40	NC	EM85	N6ZZ	Q 4,64		54	NM	DM73	W8IQ	6 3,969		49	OH	EN81	NØGZ WØETT	A 69,230 A 61,350	351 402	161 150	CO	EN31 DM79
K80SF	6	1,400	50	28	FL	EL98	N5HMH	Q 1,30		31	LA	EM32	KD8AX	6 2,394		42	OH	EM79	W6GMT	A 61,350 A 24,940		116	MN	EN37
KD4EVB N1LHW	6	1,026 980	38 35	27 28	KY TN	EM78 EM65	W5KDJ N3AWS	Q 1,14 Q 68		30 22	TX MS	EM20 EM50	NF8M K8KFJ	6 1,632 6 520		34 20	MI WV	EN82 EM98	KCØRAD	A 16,974	181	82	IA	EN32
N4AJF	6	897	39	23	NC	FM05	NI5W	0 27		15	OK	EM04	N8PPF	6 56		7	OH	EN80	KØRU	A 15,921	162	87	KS	EM28
KF4OLO	6	884	34	26	GA	EM74	K5QE	M 379,99	8 1,202	279	TX	EM31	W03X	2 20		2	OH	EN91	WAØVPJ WØRT	A 13,345 A 9,815	128 128	85 65	MN KS	EN35 EM27
KA4WTB	6	693 224	33 16	21	TN NC	EM75 FM14	W5SSV	M 1,45	0 43	29	TX	EL39	N8ZLR	Q* 16		4 96	MI OH	EN76 EM89	KØUK	A 7,370		67	CO	DM59
KC4LRY KK4LH	6	156	13	14 12	NC	EM95	KG6IYN	A 6.38	4 146	28	CA	DM12	N8XA KD8CGE	Q 14,976 Q 2.688		42	OH	EN91	NTØV	A 5,671	73	53	ND	EN08
KI4PWX	6	4	2	2	NC	FM15	KC6ZWT	A 4,09		39	CA	CM98	W8TOM	Q 1,457		31	MI	EN74	WBØQIR KØVG	A 4,312 A 2,808	76 58	56 39	MO MN	EM37 EN35
W4WJF		16,974	207	41	NC	EM96	KK6KE	A 3,63		36	CA	CM98	K8GP	M 531,508	3 1,246	356	WV	FM08	KAØAIG	A 1,150	40	25	MO	EM29
KU4BP/4 N4ECW	Q* Q*	4,998 1,504	86 47	51 32	NC TN	EM96 EM76	K6XN K6FV	A 3,24 A 1,68		40 29	CA CA	CM99 CM87	K2DRH	A 700,701	1 401	361	IL	EN41	KCØVGC	A 1,131	38	29	MO	EM37
WZ4C	Q*	1,365	55	21	NC	EM85	KF6YYV	A 1,17		15	CA	DM03	KC9BQA	A 163,737		207	WI	EN63	KRØVER W60AL	A 220 6 242,424	17	11 234	CO CO	DM79 DM79
KE2N		27,300	225	105	VA	FM18	N6RZR	A 77		25	CA	CN80	N9DG	A 87,296		176	WI	EN53	K7RE	6 104.664	588	178	SD	DN84
W4BCU W4SHG	Q Q	8,646 7,410	114 106	66 65	TN VA	EM86 FM18	NC6P WA6WON	A 14 2 37		7 9	CA CA	CM87 DM05	K9ZO K9GY	A 63,495 A 60,450		153 155	IL IL	EN50 EN61	NØUR	6 34,034	286	119	MN	EN35
N4MJ	Q	5,400	100	54	TN	EM56	WB6TNF	2 36		6	CA	DM04	W9THD	A 23,976		108	IN	EN71	KCØDEB	6 29,484	252	117	KS	EM29
KG4IGC	Q	2,278	64	34	SC	EM93	KG6TGI	Q* 40	0 25	10	CA	DM13	NØEDV	A 20,274	171	93	WI	EN45	KØMPH KEØA	6 23,136 6 11,122		96 83	MN ND	EN35 EN17
NZ1D W4UDX	Q Q	1,053 42	39 7	27	FL KY	EL98 EM78	KØOK	Q 2	1 7	3	CA	DM13	W9RAY KB9UMI	A 18,881 A 16,932		79 83	WI IN	EN44 EN70	KØSDW	6 4,617	81	57	CO	DM79
N4TUA	Q	32	4	4	GA	EM82	W7CE	A 22.52	3 199	101	WA	CN87	KI9A	A 16,932 A 14,938		83 77	IL	EM58	KØPC	6 4,116		49	MN	EN34
NN4RR		17,296	186	92	GA	EM73	NJ7A	A 11,77	8 148	78	UT	DN30	W9SE	A 10,106	122	62	IL	EN50	KØVM KØSRL	6 3,120 6 2,860	65 65	48 44	IA IA	EN42 EN41
							N7EPD	A 10,65		71	WA	CN87	N9NDP	A 9,724		68	WI	EN62	WØCEM	6 2,184	56	39	KS	EM19
N5ITO		94,080	575	160	TX	EM23	KI 7JA N7DB	A 5,92 A 30		52 10	OR OR	CN85 CN85	KB9IDT WA8FIB	A 7,497 A 5,376		63 48	IL IN	EN51 EN61	NØUU	6 2,035	55	37	KS	EM18
KC5R WA5OK		31,824 28,231	304 252	104 109	LA OK	EM40 EM24	KG7P	A 29	0 23	10	WA	CN87	KB9YGD	A 5,346		54	IN	EN61	KCØQIE WØCAR	6 1,813 6 816	49 34	37 24	KS CO	EM17 DM79
KD5ZVE		21,285	193	99	OK	EM26	N6KW	A 21		9	WA	CN87	K9VS	A 4,708		44	WI	EN52	WØJLF	6 570	30	19	MN	EN35
WA5LFD		14,861	175	77	TX	EM12	K7BG K7TOP	6 56,40		150 117	MT AZ	DN47 DM43	KC9EOQ KE9LN	A 2,624 A 1,952		41 32	IL IL	EN51 EN52	WØVD	6 513	27	19	MO	EM27
N5UM WB5ZDP	A	12,798 9,815	150 137	81 65	OK TX	EM15 EM13	K7CW	6 26,74		121	WA	CN87	N9UX	A 72		8	WI	EN43	KAØEIC KØVSC	6 96 6 42	12 7	8 6	KS MN	EM18 EN53
NM5M	A	6,625	108	53	TX	EM13	WA7ADK	6 2,09		38	UT	DN31	N9AKR	6 63,480		138	IL	EN61	NØUK	2 812	29	14	MN	EN34
NØXLR	Α	5,643	91	57	TX	EM13	N7YOQ K9WZB	6 1,63 6 1.62		34 36	UT AZ	DN41 DM24	KE9I W3HDH	6 61,812 6 37.518		153 111	IN IL	EN61 EN50	KFØQ	Q* 18,180	184	90	MN	EN43
KD5JGA KE5COS	A	4,312 2,596	71 52	56 44	OK OK	EM16 EM24	KM7DX	6 1,17		30	UT	DM37	K9QVB/9	6 35,868		122	WI	EN45	KØNR NØYTR	Q* 3,078 Q* 496	75 24	38	CO	DM79 DM78
KESCUS KSNZ	A A	2,596	52 58	44 36	TX	EM24 EM20	N7NT	6 93		26	AZ	DM43	K90R	6 23,028	3 202	114	IL	EN62	KBØHNN	Q* 192		16 12	MN	EN26
WA5KBH	Α	2,052	52	38	LA	EM30	W7TAX N9ADG	6 30 Q 2,68		15 42	WA WA	CN87 CN87	N9LF W9HR	6 6,200 6 3,650		62 50	IN WI	EN60 EN62	NØJK	Q* 9	3	3	KS	EM17
KD5YTU	Α	456	20	19	TX	EM12	NAMOG	Q 2,00	0 04	42	WA	CIVO/	VV 71 11\	J 3,030	, 13	50	vvi	LINUZ	WVØH	Q 31,644	281	108	CO	DM79

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KCØRQH ACØAX	Q Q	4,872 64	77 8	56 8	MN NE	EN35 EN11	WAØMHJ N1KPW W9SZ		8,241 8,142 7,434	123 106 93	67 69 63		2 3 4
			Rover				NE9O		5,428	92	59		3
NØDQS		219.324	591	294		5	W6KA		3,168	57	36		7
K9JK		172,542	464	298		10	W4WNT		1,872	45	39		2
W4VHF		119,259	476	189		4	N6TEB		1,869	54	21		4
WB8BZK		115,434	353	242		10	K8YC		1,120	30	28		4
N9TTX		103,452	407	233		4	KB9KEG		475	25	19		2
N4DXY		75,684	366	204		7	KG4QEN		464	18	16		4
W3DHJ		44,800	252	175		5	N6MOQ		420	19	14		5
AF40D		30.820	262	115		5	N6ZE		416	21	13		2
W4TXS		26.035	186	127		4	NH6VJ		375	16	15		7
NT5HS		21.844	172	127		8	N3EMF		216	15	12		2
N9MYK		21,248	166	128		11	KA3KSP		2	1	1		2
N8OC		21,045	183	115		4							
AE5P		16.848	130	117		10			C	ANAD/	١		
K9TMS		16.524	140	102		8	VE1SKY	6	49.952	446	112	NS	FN74
K8DOG		13,650	129	91		4	VO1HE	6	4,118	142	29	NL	GN37
W5TD		10,170	112	90		5							
N8II		8,550	114	75		3	VE2DC	Α	4,452	78	53	QC	FN35

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VA2UK VE2TKH												
	A 6	3,484 9,165	65 141	52 65	QC QC	FN25 FN36	OE1CWA/3	0*	A 126	USTRIA	7	JN77
VA2SG	6	450	25	18	QC	FN48	OE ICWA/3	u		-		JN//
VE3KZ	Α	89,600	424	200	ON	FN03	ON6NL	2	8,970	ELGIUN 115	l 39	J021
W4TAA/VE3 VE3VMP	6	7,104	710 96	218 74	ON ON	FN14 FN14			DI	JLGARI	۸.	
VE3VE VE3XD	6	3,285 180	73 15	45 12	ON ON	FN03 FN03	LZ1ZF	6	110	11	10	KN22
VE3MGY	6	49	7	7	ON	FN03	LZ1MG LZ1MC	Q Q	36	6 1	6 1	KN22 KN22
VE3HHT VE3TLT	0	3,366 3,128	60 58	51 46	ON ON	FN03 EN92	LZ IIVIC	Q	'	- 1	1	KNZZ
VE3CRU	R R	79,002 3,888	399	198 54		4	9A1DL	2	1,494	ROATIA 83	9	JN95
VE30IL	ĸ		67			-	9A3TU	Q	1,276	40	29	JN95
VE4EAR VE4GWN	6	39,693 4,452	303 84	1 31 53	MB MB	EN19 EN19			CZECI	I REPU	DI IC	
							OK1KZ	Α	594	37	9	J070
VE5SIX VE5UF	6 R	957 37,680	33 240	29 157	SK	D070 6	OK1WMR OK1KIM	2 M	25,760 263,252	230 776	56 193	J060 J060
VA6AN	Α	29,636	235	124	AB	D033	OK1KDO	M	20,520	184	60	JN69
							OK1KVK	М	10,218	131	39	J060
VA7MM	Q*	1,196	43	23	BC	CN89	G4DEZ	6	11.100	NGLANE 150) 74	J003
		BE	RMUD	Δ			G3JJZ	6	100	10	10	J001
VP9GE	6	60,792	447	136		FM72	MØWTD/M MØMCX	6 2	36 480	6 24	6 10	IN79 IO92
		CIII	ATERAA				M3RCV GØBRC	Q M	5,060 13,640	81 134	46 62	J001 J001
TG9ANF	6	3,634	ATEMA 79	LA 46		EK44	GDDRC	IVI			02	3001
							F4DZF	6	12	RANCE 4	3	JN16
XE2MVS	6	N 266	NEXICO 19	14		DL95			CI	RMAN	,	
XE2D XE2D	6	60	12	5		DM12	DL20M	Α	23,040	157	90	J030
			DTC T				DL1ET DK5DQ	6	210 59,422	15 407	14 73	J031 J031
NP3CW	Α		RTO RI 287	129		FK68	DR2ØØ6E	2	18,330	195	47	J043
		,					DH8BQA/M	2	16	4	2	J030
			FRICA NARY I				HG3IPD	2	Hl 1,200	JNGAR' 40	/ 15	JN86
EH8BPX	6	6,370	98	65		IL18	HA2MN	2	10	5	1	JN97
EA8BPX	2	600	20	15		IL18	HG2ØØ6GY HA5CQZ/P	'R Q' Q*	* 1,938 1,560	57 65	17 12	JN87 JN97
		MAI	DEIRA	IS.			HA4FY/P	Q* Q*	168	21	4	JN97
CQ3A	М	85,070	449	181		IM12	HG7DCD/P HG2ECZ/P	Q*	126 24	21 4	3	JN97 JN86
									11	RELAND		
l c	YPR	RUS - UK	ASIA SOV. I	BASE	AREAS		EI2JD	6	9,450	135	70	1063
ZC4LI	6	10,624	128	83		KM64	EI7IW	2	864	36	12	1063
JA2MWV	Q	1,104	JAPAN 39	23		PM84				ITALY		
JH3DMQ	Q	672	40	16		PM74	IZ3DBA	6	56	8	7	JN55
LIC/ DAN/	•	TH	IAILAN			01/07			111	CEDON	14	
HS6RMY HS2ZMU	2	9,920 6,976	248 436	20 8		OK06 OK03	Z36W	6	19,698	201	98	KN11
E22TV HS9KSX	2	4,308 3,234	359 231	6 7		0J07 0J06				ORWAY	,	
HS4DDQ	2	3,050	305	5		OK03	LA3DV	Q*	180	UKWAY 15	12	JP30
HS8LUR HS3PMT	2	2,212 1,818	158 101	7 9		NJ99 OK05				OI AND		
HS4RDI E20FVD	2	1,620	90 143	9		OK17	SP6MLK	,	144	OLAND 12	12	J080
HS8LWQ	2	1,430		5			3F UIVILIX	6			12	
		1,290	129	5		OK03 NJ99	SP3HTF	6	16 192	4	4	J072
HS6MCB HS8VAY	2	1,134	63	9		NJ99 OK05			16 192			
HS8VAY HS4FHT	2	1,134 1,038 1,008	63 173 63	9 3 8		NJ99 OK05 NJ99 OK16	SP3HTF SQ6ELV	6 Q	192 PO	16 RTUGA	4 6 L	J072 J080
HS8VAY	2 2 2 2	1,134 1,038	63 173	9 3 8 3 4		NJ99 OK05 NJ99 OK16 OK03 OK17	SP3HTF	6	192	4 16	4 6	J072
HS8VAY HS4FHT E21EIC HS4OUP HS9EQY	2 2 2 2 2	1,134 1,038 1,008 606 504 504	63 173 63 101 63 63	9 3 8 3 4 4		NJ99 OK05 NJ99 OK16 OK03 OK17 NJ97	SP3HTF SQ6ELV CT1EGH	6 Q 6	192 PC 36,540	16 RTUGA 315	4 6 L 116	J072 J080 IM58
HS8VAY HS4FHT E21EIC HS4OUP HS9EQY HS3NWD E2ØTTJ	2 2 2 2 2 2 2 2 2	1,134 1,038 1,008 606 504 504 500 496	63 173 63 101 63 63 50 62	9 3 8 3 4 4 5 4		NJ99 OK05 NJ99 OK16 OK03 OK17 NJ97 OK14 OK04	SP3HTF SQ6ELV CT1EGH CT1DRB	6 Q 6 Q	192 PC 36,540 1,845 SWI	4 16 RTUGA 315 45	4 6 L 116 41 ND	JO72 J080 IM58 IM58
HS8VAY HS4FHT E21EIC HS4OUP HS9EQY HS3NWD E2ØTTJ E22BPC E2ØXMG/4	2 2 2 2 2 2 2 2 2 2 2 2	1,134 1,038 1,008 606 504 504 500 496 352 348	63 173 63 101 63 63 50 62 88 58	9 3 8 3 4 4 5 4 2 3		NJ99 OK05 NJ99 OK16 OK03 OK17 NJ97 OK14 OK04 OK03 OK17	SP3HTF SQ6ELV CT1EGH	6 Q 6	192 PC 36,540 1,845	4 16 RTUGA 315 45	4 6 L 116 41	J072 J080 IM58
HS8VAY HS4FHT E21EIC HS4OUP HS9EQY HS3NWD E2ØTTJ E22BPC E2ØXMG/4 HS5XNL	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1,134 1,038 1,008 606 504 504 500 496 352 348 300	63 173 63 101 63 63 50 62 88 58 50	9 3 8 3 4 4 5 4 2 3 3		NJ99 OK05 NJ99 OK16 OK03 OK17 NJ97 OK14 OK04 OK03 OK17 NK98	SP3HTF SQ6ELV CT1EGH CT1DRB	6 Q 6 Q	192 PC 36,540 1,845 SWI 2	4 16 RTUGA 315 45 FZERLA 2 SPAIN	4 6 L 116 41 ND 1	J072 J080 IM58 IM58
HS8VAY HS4FHT E21EIC HS4OUP HS9EQY HS3NWD E2ØTTJ E22BPC E2ØXMG/4 HS5XNL E21YDP E21QEB	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1,134 1,038 1,008 606 504 500 496 352 348 300 186 156	63 173 63 101 63 63 50 62 88 58 50 31 26	9 3 8 3 4 4 5 4 2 3 3 3 3 3		NJ99 OK05 NJ99 OK16 OK03 OK17 NJ97 OK14 OK04 OK03 OK17 NK98 OK03 OK03	SP3HTF SQ6ELV CT1EGH CT1DRB HB9JAQ/P	6 Q 6 Q Q	192 PC 36,540 1,845 SWI	A 16 RTUGA 315 45 TZERLA 2	4 6 L 116 41 ND	JO72 JO80 IM58 IM58 JN36
HS8VAY HS4FHT E21EIC HS40UP HS9EQY HS3NWD E20TTJ E22BPC E20XMG/4 HS5XNL E21YDP E21QEB HS1JNB	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1,134 1,038 1,008 606 504 504 500 496 352 348 300 186 156 46	63 173 63 101 63 63 50 62 88 58 50 31 26 23	9 3 8 3 4 4 5 4 2 3 3 3		NJ99 OK05 NJ99 OK16 OK03 OK17 NJ97 OK14 OK03 OK17 NK98 OK03 OK03 OK03	SP3HTF SQ6ELV CT1EGH CT1DRB HB9JAQ/P EA2TO/1 EA2HB EA2ARD	6 Q Q Q A A	PC 36,540 1,845 SWI 2 6,771 24 39,501	4 16 RTUGA 315 45 FZERLA 2 SPAIN 91 4 297	4 6 L 116 41 ND 1	JO72 JO80 IM58 IM58 JN36 IN83 IN93 IN93
HS8VAY HS4FHT E21EIC HS40UP HS9EQY HS3NWD E20TTJ E22BPC E20XMG/4 HS5XNL E21YDP E210EB HS1JNB E20YRX HS8KAY	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1,134 1,038 1,008 606 504 500 496 352 348 300 186 156 46 36 32	63 173 63 101 63 50 62 88 58 50 31 26 23 18 8	9 3 8 3 4 4 5 4 2 3 3 3 3 1 1 2		NJ99 OK05 NJ99 OK16 OK03 OK17 NJ97 OK04 OK03 OK03 OK03 OK03 OK03 OK03 OK03 OK03	SP3HTF SQ6ELV CT1EGH CT1DRB HB9JAQ/P EA2TO/1 EA2HB EA2ARD EB1EHT EB1EWE	6 Q 6 Q Q	192 PC 36,540 1,845 SWI 2 6,771 24 39,501 33,750	4 16 RTUGA 315 45 TZERLA 2 SPAIN 91 4 297 270 251	4 6 L 116 41 ND 1 61 4 133 125 112	J072 J080 IM58 IM58 JN36 IN93 IN93 IN73 IN53
HS8VAY HS4FHT E21EIC HS4OUP HS9EQY HS3NWD E20TTJ E22BPC E20XMG/4 HS5XNL E21YDP E210EB HS1JNB E20YRX HS8KAY HS8KAG HS9EOW	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1,134 1,038 1,008 606 504 504 500 496 352 348 300 186 46 36 32 20 1,210	63 173 63 101 63 63 50 62 88 58 50 31 26 23 18 8 10 121	9 3 8 3 4 4 5 4 2 3 3 3 1 1 2 1 5		NJ99 OK05 NJ99 OK16 OK03 OK17 NJ97 OK14 OK04 OK03 OK17 NK98 OK03 OK03 OK03 OK03 NJ97 OK03	SP3HTF SQ6ELV CT1EGH CT1DRB HB9JAQ/P EA2TO/1 EA2HB EA2ARD EB1EHT EB1EWE EA1WX	6 Q Q Q A A A 6 6 6 6 6	192 PC 36,540 1,845 SWI 2 6,771 24 39,501 33,750 28,112 13,708	4 16 RTUGA 315 45 FZERLA 2 SPAIN 91 4 297 270 251 149	4 6 L 116 41 ND 1 61 4 133 125 112 92	J072 J080 IM58 IM58 JN36 IN93 IN93 IN73 IN53
HSBVAY HS4FHT E21EIC HS4OUP HS9EQY HS3NWD E20TTJ E22BPC E20XMG/4 HS5XNL E21YDP E210EB HS1JNB E20YRX HS8KGG HS9EQW HS3KUI	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1,134 1,038 1,008 606 504 504 500 496 352 348 300 186 156 46 636 32 220 1,210	63 173 63 101 63 63 50 62 88 58 50 31 26 23 18 8	9 3 8 3 4 4 5 4 2 3 3 3 3 3 1 1 2 1		NJ99 OK05 NJ99 OK16 OK03 OK17 OK14 OK03 OK17 NK98 OK03 OK03 OK03 OK03 NJ97 OK03 NJ97 OK03	SP3HTF SQ6ELV CT1EGH CT1DRB HB9JAQ/P EA2TO/1 EA2HB EA2ARD EB1EHT EB1EWE	6 Q Q Q A A A 6 6 6 6	192 PC 36,540 1,845 SWI 2 6,771 24 39,501 33,750 28,112	4 16 RTUGA 315 45 TZERLA 2 SPAIN 91 4 297 270 251	4 6 L 116 41 ND 1 61 4 133 125 112	J072 J080 IM58 IM58 JN36 IN93 IN93 IN73 IN53
HSBVAY HS4FHT E21EIC HS4OUP HS9EQY HS3NWD E20TTJ E22BPC E20XMG/4 HS5XNL E21YDP E21QEB HS1JNB E20YRX HS8KGG HS9EOW HS3KUI HS7ZWU HS1ASC	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1,134 1,038 1,008 606 504 500 496 352 348 300 186 156 36 32 20 1,210 10,218 8,952 6,320	63 173 63 101 63 63 50 62 88 58 50 31 26 23 18 8 10 121 393 373 373 373 395	9 3 8 3 4 4 5 4 2 3 3 3 3 1 1 2 1 5 1 1 2 1 8 1 1 8 1 8 1 1 8 1 8 1 8 1 8 1		NJ99 OK05 NJ99 OK16 OK03 OK17 NJ97 OK14 OK03 OK03 OK03 OK03 OK03 OK03 NJ97 OK03 NJ97 OK03 OK03	SP3HTF SQ6ELV CT1EGH CT1DRB HB9JAO/P EA2TD/1 EA2TB EA2ARD EB1EHT EB1EWE EA1WX EH3FHP	6 Q G A A A A A A A A A A A A A A A A A A	192 PC 36,540 1,845 SWI 2 6,771 24 39,501 33,750 28,112 13,708	4 16 RTUGA 315 45 IZERLA 2 SPAIN 91 4 297 270 251 149 40	4 6 L 116 41 ND 1 61 4 133 125 112 92 36	J072 J080 IM58 IM58 JN36 IN93 IN93 IN73 IN53
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Expanded CQ WW VHF Results

For a listing of the ops and grids activated by the rover stations in the 2006 contest, plus the operators of the multi stations, go to www.cq-amateur-radio.com, to the Contests section, to "Expanded Results of the 2006 CQ WW VHF Contest."

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