

Publication of the Northern California Contest Club

NCCC

March 2008

Issue 430

NCCC Net Thursday 8 PM 3610+/-

Our Next Meeting Annual Awards Dinner

Date: Monday, 10 March 2008

Time: 6:00 pm schmooze, 7:00 pm dinner,

8:00pm program

Location: Tied House, 954 Villa Street, Mountain

View, CA

Dinners – \$20 (see Website for choices)

RSVP: to K6MM, webaron@gmail.com

Directions:

Go to www.nccc.cc, and select "meetings."

NCCC Officers

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The California QSO Party 2007

By: Kevin Rowett, K6TD

We now know CQP 2007 was held at pretty close to the bottom of the sunspot cycle. The only way to tell by looking at the stats is the total number of QSOs was down. I can't wait to see what 2008 brings. Maybe the return of 10m and a chance to work everyone on five bands!

N6MJ operated W6YI to another first place finish. Just for those that are keeping track, this is Dan's fourth CA win.

The out of state 1^{st} place finisher is VA7RR, operating at VE7SZ. Gary also holds the most first place finishes in state – six. Two to go, Dan.

The other major hallmark of 2007 is – lots of ops did something different. You'll see the usual ops listed in the scores pages but not in their usual places. Lots of new contesters were heard as well – welcome!

Everyone enjoyed the party and all are looking forward to 2008.

SINGLE OP RESULTS - CA

N6MJ, operating W6YI produced 2,581 QSOs for a total of 359,049. Dan had more PH than CW QSOs this year – in fact he took the most SSB QSOs prize as well.

The number two spot was filled by K6XX up from the number five spot. Bob turned in 2,224 QSOs for a total of 324,684 points. Clearly, Bob has his sights on that number one spot. Congrats on the great finish this year.

N6ED, operating K6NA again this year, had 2,303 QSOs for 319,656 with a third place finish, down one from last year. Craig was only able to find 57 mults this year.

The forth and fifth spots finished a lot closer together. K6LA held onto fourth place with 2,297 QSOs for a score of 315,808. K2RD, operating AI6V finished with 2,287 QSOs and 315,462 points. Ira had 72 more PH QSOs than Ken and one more mult. That wasn't enough to overcome a deficit of 82 CW QSOs. Their scores differ by only 346 points. That's about 2 CW QSOs. Great operating guys. Oh, Ira set a new Nevada county record, previously held by AI6V in 1989.

AE6Y took top honors in the low power category with 1,422 QSO for 222,285 points, and 15th

place, overall. He'd not planned to operate LP. Equipment failure caused a change of plans.

K6AM took 2nd place LP with 1,365 QSOs and 203,205 points, finishing 17th overall. Third place LP goes to KM6Z at 903 QSOs and 134,973.

To get into the top CA twenty took a score of 185,716. This year that score was turned in by K6SRZ, back as a county expedition to Trinity as W6PZ. Welcome back Alan! Each op will receive a CQP vintage bottle of wine supplied by WK6I's Twisted Oak Winery. Score were down slightly from 2006

Full details can be found on the summary page.

SINGLE OP RESULTS - non CA

1st place finish goes to VA7RR, operating VE7SZ with 1,116 QSOs and a score of 148,654. W1UE (ex-NB1B) followed this with 977 QSOs and 135,227 which broke the existing MA record from 2002 (his). Third spot goes to N4PN at 916 QSOs and 125,831 points.

Making the top non-CA twenty took almost 72,000 points. Down just slightly from last year. Each op will receive a bottle of wine for their excellent operating!

MULTI-SINGLE -

Team K6VO drove over the top this year to take 1st place in the M/S category with 1,983 QSOs and 274,833 points. Frequent top finisher W6PT took 2nd this year with 1,818 QSOs and 256,272 points. This fine crew also operated as a county expedition.

Third place was nailed down by the W6JAZ crew (W7DR and K6XV). The provided 1,701 QSOs with 242,875 points and let the rest of North America know that Yuba County was on the air!

The MS category continues to gain in popularity with 31 entrants this year. MS is a great way to operate a county expedition. It's also a way to get someone new on the air and experience their first contesting – from the side that's "in demand".

	CW	SSB	Total N	/lult	Score	CatPr	Ex	
K6VO	813	1151	1963	58	274,833	MS		
W6PT	860	958	1818	57	256,272	MS		С
W6JAZ	787	914	1701	58	242,875	MS		
N6RC	828	714	1542	58	226,809	MS		С
K6KO	859	580	1439	58	216,746	MS		
N6A	836	462	1298	57	195,538	MS		С
K6LRN	665	530	1195	58	177,132	MS		
N6KI	548	605	1152	57	162,535	MS		
N6G	832	150	982	55	153,780	MS	L	
W6RFU	594	398	992	58	149,524	MS		S
N6JS	0	1282	1282	58	148,654	MS		
N6WB	431	452	882	57	125,086	MS	L	
K6JS	380	470	850	58	120,582	MS		С
W6EO	540	120	660	55	102,245	MS	L	
WA6PZK	0	839	839	57	95,646	MS		
N6RNO	384	150	534	54	78,408	MS	L	
W6WO	288	3	291	50	43,500	MS	L	С
AE6RF	196	101	296	50	39,375	MS		С
W6ETM	255	16	270	45	35,752	MS		
W60WH	5	272	277	54	30,186	MS		

K6MAN	0	225	225	52	23,348	MS	
W6BBL	0	234	234	46	21,482	MS	
W6M	0	203	203	48	19,440	MS L	_
N6WR	26	197	223	38	17,898	MS L	-
K6AQL	109	43	152	40	16,480	MS	
KK6TV	10	108	118	29	7,105	MS L	-
W6KA	0	95	95	28	5,292	MS L	_ C
WB6LRU	0	94	94	21	3,948	MS	
KI6LOL	0	66	66	23	3,036	MS L	-
N6ORC	0	23	23	19	855	MS L	-
KW6H	0	23	23	9	405	MS	

Several out of state team join in the M/S fun as well. This year, six teams turned out. The top two teams: K3WW and N7LR did better than several in state M/S teams. Lot fewer M/S teams than last year.

	CW	SSB	total	Mult	Score	CA Pr
Ex						
K3WW	310	263	572	58	84,303	MS
N7LR	98	125	223	51	27,744	MS
VE6AO	0	263	263	51	26,775	MS
W5KFT	123	4	127	42	15,834	MS
W3IQ	55	52	107	49	13,107	MS
KI0Y	29	64	93	41	8,815	MS L

MULTI-MULTI -

N6RO and crew managed N6O to another great 1st place MM finish with 3,505 QSOs and a score of 500,192. They weren't able to top last year's record though.

W6YX entered strictly MM this year, going all out to try and top N6O. They didn't quite make it with 3,149 QSOs and 439,089 points. Great job!

Coming in 3rd is a team from the Oregon coast that has taken over Del Norte County with 1,839 QSOs and 273,383 points. N6D was followed closely by the folks from central Oregon venturing down to MODOC. They used a different callsign this year – NE6LE. Perhaps that's what lead to a QSO count of 1,729 and a score of 252,039.

K6Z crew took 5th place, followed by W6A. Putting on a rare county expedition operating MM is a real test of commitment – thanks guys!

	CW	SSB	total	Mult	Score	CA		
Pr E								
N6O	1612	1894	3506	58	500,192	MM		
W6YX	1273	1877	3149	58	439,089	MM		
N6D	1037	802	1839	58	273,383	MM		С
NE6LE	888	842	1729	58	252,039	MM		С
K6Z	691	477	1167	57	172,396	MM	L	С
W6A	0	482	482	54	52,056	MM	L	

MOBILES –

We always expect to hear the K6AQL crew working their way thru the counties. They didn't disappoint! They visited 19 counties with a total of 1,026 QSOs. K6AQL also provided the 58th mult for many stations when they arrived in Colusa county at

14.16Z. This was his 2^{nd} pass thru the county, on his way back south.

KS5A retired this year and was anxious to get out of the house. Driving up from Arizona, Guff and his XYL visited 15 counties making 676 QSOs. We hope to see Guff back for 2008.

Operating Mobile is definitely a CW style of operation. This year mobiles handed out a total of 1,406 CW QSOs, and only 153 PH QSOs.

COUNTY EXPEDITIONS -

As always, county expeditions provided much needed coverage many counties. It's also a great way to repeat Field Day, 'cept with a rush of callers. This year saw two large Multi-Multi operations cover the most northern counties – Del Norte and Modoc.

N6D finally found all the right operating parameters to take 1st place in county expeditions, making 1,839 QSOs and 278,383 points. Congratulations guys!

Second place M/M goes to the perennial operation by the Central Oregon group, headed by K4XU with 1,729 QSOs and 252,039 points from Modoc County.

Third place for MM operation goes to the K6Z crew, organized by K6ZZ with 1,167 QSOs and 172,396 points.

First place M/S was again taken by W6PT from Imperial with 1,818 QSOs and 256,272 points. 2nd place goes to the N6RC team from Merced with 1,542 QSOs and 226,809 points. Dick ran a mix of new (N6KJ) and old (KX7M) with him this year. Great results for my buddy. Third place was taken by N6A, organized by W4UAT with 1,298 QSOs and 195,538 points.

Returning to Trinity county and CQP this year is K6SRZ, operating as W6PZ to take 1st place SO with 1,227 QSOs and 185,716 points. Glad to see you back in the 'test Alan. 2nd place goes to W6ML (op W6KC) in Mono with 1,164 QSOs and 173,880 points.

Several of the county operations this year had to contend with rain, snow, lightning and hail. We appreciate their desire to get these rare counties on the air.

	Mult	CW	SSB	County	Score		
N6D	58	1037	802	Del Norte	273,383	MM	
W6PT	57	860	958	Imperial	256,272	MS	
NE6LE	58	888	842	Modoc	252,039	MM	
N6RC	58	828	714	Merced	226,809	MS	
N6A	57	836	462	Alpine	195,538	MS	
W6PZ	58	749	478	Trinity	185,716	SO	
W6ML	56	777	387	Mono	173,880	SO	
K6Z	57	691	477	Inyo	172,396	MM	L
N6IMP	56	655	166	Imperial	128,576	SO	L
K6JS	58	380	470	Plumas	120,582	MS	
K6VVA	52	541	155	San Benito	100,438	SO	
N6YEU	53	444	155	Sierra	86,893	SO	L
AD6ZJ	52	297	138	Kern	60,684	SO	L

N6DQ	52	253	139	Lake	53,924	SO	Г
W6WO	50	288	3	San Benito	43,500	MS	L
AE6RF	50	196	101	Madera	39,375	MS	
				Contra			
KI6GFT	36	0	84	Costa	6,012	SO	L
W6KA	28	0	95	Riverside	5,292	MS	L
KE6UAR	23	0	64	Lake	2,921	SO	L
AF6CA	21	0	44	San Benito	1,827	SO	L
AF6CM	4	0	4	Tuolumne	32	SO	L

SWEEPS -

You had to be on your game this year to sweep all counties. Several county operations didn't go as planned by the CQP staff. W1UE was the 1st to 58 at 00:23Z, working W6OT in YOLO county.

It wasn't till 14:16Z when the K6AQL mobile operation arrived in Colusa (the second time) that the 2nd to 58 was achieved by KO7X. K6AQL/M gave 10 more operators their 58th mult over about two hours. Most were on CW, but, Dave and crew were trying to "spread the luck as best as the bands would support".

KS5A/M provided the 58th mult for several more stations as from Tuolumne county. The last station to sweep was K0GSV at 21:43Z, working K6VMV in Tuolumne.

The rare county this year was Colusa. A total of 30 stations made a sweep this year. Congrats folks!

In-state sweeps seemed a little easier. Always the two difficult mults for CA ops is NT and NV. We all know the rarity of ops in VY1 territory. This year, VY1JA was joined by a new recruit – VY1WR. He did an excellent job, providing several 58th mults on Sunday. Welcome Bob and thanks for joining in.

The silver state was strongly represented by several ops, including W7RN (op K5RC) and N7TP. Of special note is Bruce, KT4ET. Bruce recently got back into Ham radio after recovery from a long illness. We look forward to NV being on more often.

First to 58 was W6TK at 20:24Z working AG1H from Kentucky. This sets a new record of 4 hours and 20 minutes, the old record was 21:04Z set in 2001. Dick's record could stand for a long time. Looking over his log, he should have gone out and bought a lottery ticket - no two! Of course, he was too busy making QSOs to go for the lottery ticket, coming in 9th overall. It must have thrilling to capture some of the harder mults early and realize he was setting a strong record. More amazingly, W6TK bested the N6O MM super station to 58 mults.

The 2nd station to work all 58 mults was of course N6O @ 00:20Z. KF6T then worked VY1JA @ 00:25Z for 3rd place. A few more stations works their 58th mult, then it was 14:50Z before any more 58th mults were worked. VY1WR began working 20M PH, giving the remaining stations their 58th mult.

N6D worked VY1WR at 21:51 as the last station to work all 58 mults.

The rare states/provinces this year were - NT, NV, and UT. There were 32 stations turning in a sweep this year.

Sweeps of all CA counties by non-CA:

W1UE	W0BH	K0OU	VE3UTT
KO7X	N3RJ	W0OR	K3TW
W8MJ	VE4YU	KH6LC	K0GSV
N8BJQ	K0RC	NS9I	
N4PN	W9IU	W0BR	
N9AX	K4KO	VE7SZ	
WD5K	K0JPL	WA3HAE	
WA0MHJ	KA5M	AA3B	
K3WW	K5KG	KU5B	

Sweeps of all states and provinces:

W6TK	K6RIM	N6NZ	AI6V
N6O	W6XU	AE6Y	N6TV
KF6T	WC6H	WA6DON	N6IE
W6YX	W6RFU	W6PZ	N6RC
N6IJ	N6JS	W6YI	W6IST
K6VO	KE6ZSN	K6JS	K6TD
NE6LE	K6XX	N6XI	NT6K
K6KO	K6LRN	W6JAZ	N6D

CLUBS -

In state club top honors goes to MLDXCC with 25 logs and total points of 3,092,156. That beats their record set in 2003.

At only ½ the total points, and a lot less logs, San Diego DX club came in 2nd. A bit of recruiting and SDDXC could walk away with the top spot in 2008.

REDXA wasn't far behind and could pull up to the $\mathbf{1}^{\mathrm{st}}$ place as well.

Contest Club Ontario has kept the out of state club trophy for another year with 22 logs and 479,347 points. In a bit of a surprise, two of the mega SS clubs turned in total scores that are impressive. Perhaps one of them is going to make a move on the top spot next year.

All of the clubs did very well this year. The club competition is always a great way to get the membership back into the contest season and prepare for ARRL Sweepstakes in November.

CA Clubs	# Logs	Total
Mother Lode DXCC	25	3,092,156
San Diego DX Club	9	1,510,732
Redwood Empire DXCC	12	1,130,006
East Side Contest Group	4	718,238
MBARA	5	258,763

Non CA Clubs	# Logs	Total	
Contest Club Ontario	22	479,347	
Society of Midwest Contesters	12	358,658	
Yankee Clipper Contest Club	10	343,527	
Minnesota Wireless Association	11	340,553	
Southeast Contest Club	7	318,643	
Western Washington DX Club	3	283,535	
Potomac Valley River Club	11	256,050	
Tennessee Contest Group	16	253,433	
Florida Contest Group	5	251,955	
Mad River Radio Club	8	219,118	

Thirty two clubs in California reported with one log each, while an additional 61 clubs reported out of state, with one log each.

SCHOOLS-

A new entrant in the school category this year took top honors – UC Santa Barbara. The crew consisted of AC6T, KG6K, K6QD. At least one of those is a long time CQP participant.

N6AN got the CalTech station on the air again for 2007.

We didn't get school participation for 2007 from an out of state school. Go visit your alma mater and get them on the air.

School competition

W6RFU	UCSB	MS	149,524
W6CIT	CalTech	SO	108,556

QRP-

W6JTI from Humboldt County returned to the top QRP slot this year with 676 QSO, 50 mults, and 92,625 points. I'm sure the rare QTH added at least 12 dB to his signal.

N6WG took the 2nd place spot again with 331 QSOs and 42,966. We'll have to get Bob to take his K2 to somewhere a little rarer than Alameda County for a boost with the little station with attitude.

1st place QRP goes to N5DO with 464 QSOs, and 67,030 points, operating from Texas. 2nd place QRP goes to N4JF, Jerry with 294 QSOs and 44,436 points, operating from Alabama. Jerry is still looking for a 1st palce finish in the QRP category. We hope to see you there in 2008.

ORP stations:

W6JTI	AD6GI	N4JF	W0PQ	WB3AAL
N6WG	N6WS	WG7Y	N4CYV	VA3RKM
KE6K	K6RM	VA3DF	AA1CA	KG1W
AC6YY		NA4BW	AI2T	
KD4HXT		N5WLA	W1KLM	
KG6TGI	N5DO	N5JBV	N3A	

RECORDS -

This was another year for records – 13 this year; a most impressive set for the true low point in the solar cycle.

AD6E added to his total for record holding. W6TK set a new 1st to 58 that could stand for a long time. One of the oldest records – Maryland in 1986 was claimed this year. That only leaves Oregon (1986), and San Francisco (1979). WC6H, N6NZ, and KO7X all came back in 2007 to advance the record they set in 2006. It can only get better in 2008.

2007 Records Previous Record

-00, 1100	0100		110,1000,1100010				
Alameda	AD6E	248,719	N6CQP	2004	237,975		
			(KF6RIP)				
Calaveras	WC6H	288,405	WC6H	2006	285,057		
Mariposa	N6NZ	240,352	N6NZ	2006	227,737		
Nevada	AI6V	315,462	AI6V	1989	288,318		
	(K2RD)						
1 st to 58	W6TK	20:24Z	KD6OTC	2001	21:04Z		

Club - CA	MLDXCC	3,092,156	MLDXCC	2003	2,710,071
Hawaii	KH6LE	91,031	NH6T	1992	77,784
	(AH6RE)				
Kansas	W0BH	122,235	W0BH	2005	93,728
Maryland	K3TW	81,896	KM3T	1986	80,541
Mass.	W1UE	135,227	NB1B	2002	123,076
Minn.	WA0MHJ	78,793	WA0QIT	1989	76,676
Wyoming	KO7X	88,624	KO7X	2006	78,648
Alberta	VE7QF/	90,915	VE6TN	2006	78,039
	VE6				

OBSERVATIONS

Stats indicate the number of participants was about the same this year. Total number of QSOs was down though as expected in this low point of the solar cycle. CW and PH QSOs were about evenly split again this year.

Counties seemed rarer this year, with several county ops only handing out a total of 100 QSOs in some cases, and one county primarily on the air with a mobile.

Many ops reported a number of first timers worked this year. W6OAT convinced his long time GA friend K6TKM (previously K4TKM) to come operate for awhile at his station. Brook had a great time and will be back. W6OAT also enticed his neighbor – W6ETM to join in the fun.

Welcome to all those new ops. CQP is a great way to get involved in contesting.

CQP is operated by a dedicated group of volunteers from NCCC, including AE6Y, WX5S, W6ZZZ, WA6O, WK6I, W0YK, KO6LU, K6RB, K6GT, AD6E, K6DGW, and K6UFO.

One of the hallmarks of CQP is the bottle of wine for the top 20 in state and top 20 out of state operators. Many of you look forward to that trophy. This wine is donated by Jeff Stai, WK6I. The wine he donates is excellent quality and his donation is very generous. If you're looking for a gift or just some great wine for entertaining please consider Jeff's Twisted Oak products (www.twistedoak.com).

Log checking volunteers this year included – W6OAT, K6MM, N6DE, K6TD, K6III, WX5S, K6XX, W6ZZZ, K6DGW.

We still get plenty of paper logs – thanks to K6RM, K6MM, K6DGW, W6OAT, and a special thanks to K6III for transcribing the paper logs into Cabrillo format. K6GT took these transcribed files and got them into our database.

Many of you have wondered where your certificates for your 2006 CQP operation are. They will arrive with your 2007 certs. My time in 2007 was severely limited due to priorities with my employment. I appreciate your patience with the 2006 certificates.

73, K6TD

LOG CHECKING -

CQP operations continue to improve every year. Thru the skills of WA6O, we've had a web site going for three years now. This year, WX5S completely rewrote the log cross checking software. This change allowed the log checkers to substantially improve their accuracy, while reducing the time needed on each log.

Our goal is to provide the best accuracy possible in these results. As always, nothing is perfect and there may be errors. Any error found after publication will be updated on the CQP web site:

http://www.cqp.org.

We wish to recognize these ops as submitting a log, however, we weren't able to process the files – W17F, KD3D, KG6OJV, AB2TC.

Any simple copying error such as wrong NR, wrong QTH, or wrong call was penalized by reducing the score by ½ of that QSO. Double copying errors (e.g. wrong call and wrong NR) or worse were penalized by removing the QSO. The team went to extremes find all OSOs.

My thanks go to the log checkers who put in many hours of effort to get these results out. Their efforts have made these results more credible.

Anyone who submitted a "soft" log can get a report file that details each and every deduction. Please send your request to info@cqp.org

SOAPBOX

Participate in this contest is always to meet friend, this time I took the chance to operate from other Location South of Texas in Reynosa Tamaulipas in XE2WWW's Station where Jorge is a great host, some technical problems in the antenna system don't give the full time to operate but was fun , the best weather to work in the Tower but no operate. Like always big signals on the band from CA where the Plus Plus is very popular, I miss the close location to CA from my QTH in 80m but 20m pay well. See you in Visalia and the next year in this CQP.

Always a fun contest. only missed two counties. Skip was to long on 20 but 40 and 80 great . K0JJ

Great Contest and tradition for Contest Club Ontario. VE3RER

What a great contest! Thanks gang for all your efforts to make it so very success W7SW

It was my first entry to CQP and only 5 hours on 40m and 20m CW. I could not reach 100 QSOs nor 58 counties but I really enjoyed it. Thanks to many who rotated their beam 180 deg. just to pick up me.I will return to complete 100 Qs and all counties. JH3PRR

My first CAQP. I was QRV only 5 hours, but very good activity. Worked with 97 stations. /3 missed only for qualify award over 100 QSO/. On 80m heard abt 15 stations, but we had local contest on 80m and QRM was terrible. I worked only 2 stations on 80m. OM2VI.

Just got on for an hour to work da boys. KA9FOX

Ouch! The MUF dropped and 80m went dead at 0300 UTC. W6777.

I had not planned to participate, but after some QSOs the virus caught me. DL3GA

I had a lot of fun in this contest, having missed operating in the last several CQP contests. Only was able to operate on 20 meters. Ginny N6RER

The club's second adventure into the CQP - bravely led again by Steve KE6PY. No mishaps this year... All digits present and accounted for. N6WB

The CW contacts were made by 91-year-old K6FO. SSB by 72-year-old N6WR.

Thunder, lightning, hail, ferocious wind slowed our setup pace to a crawl Friday afternoon! Everything clicked, the best contest I have experienced! Last three hours on 20m were awesome, Q rates at 100+. Raring to go - CQP 2008! 73's, Dick N6RC

ANTENNAS WENT UP OK. NO REAL ELECTRICAL OR MECHANICAL PROBLEMS. WE HAD A Low of 11 DEGREES. SOME OF THE TEAM MEMBERS GOT A LIL COLD. THE REST HAD ELECTRIC BLANKETS AND KEPT TOASTY DURING THE COLD NIGHTS. THE NEW 160 AND 80 METER INVERTED L'S WORKED NICELY. LOTS OF STRONG SIGNALS on the higher bands FROM THE EAST COAST AND EUROPE. MISSED VE5 FOR CLEAN SWEEP. N6A/W4UAT

First CQP effort for the UCSB ARC as school club entry. More casual effort than typical for me. We had 3 main operators but also exposed some students and another professor to the contesting experience. One of the students jumped at the chance to operate the station under our supervision for 2 hours and was really jazzed about it. Maybe we have a new contester in making - now we need to make sure he gets licensed. Perhaps I can hold up his grade until he does -

hi! AC6T/W6RFU

Always a great event with a very nice turnout. The early snowfall made traveling and erecting antennas challenging and difficult. Where was KY!!! We'll see you all next year... K6JS

Club Training exercise for people who have never contested and wanted some coaching. We operated from the QTH of W6BBS W6A

4 inches of snow falling on Friday made setup at 5300 feet in the mountains of Del Norte quite challenging. We are field day setup - all generator powered (no water nor power at site). Two run stations with 5 operators this year, plus an additional setup for 160m only. Antennas were spiderbeam and 2-el steppir plus dipoles for low bands (and MA160 for 160m setup). A lot more fun this year with the 360 degree vista of moutains surrounding the QTH. Sweep of mults made possible by last minute callin of NT by Robert (thanks!)All ops had fun - we hope to do it again next year N6D/AC7ZG

2007 CQP Results - USA

 $\begin{array}{lll} SO = Single\ Op, & MS = Multi-Single, & MM = Multi-Multi, \\ L = Low\ Power; & Q = QRP; & * = new\ CQP\ record \\ M = mobile, & S = School \end{array}$

Alabama	cw	SSB tota	al Mult	Sc	ore
K4ZGB	223	308	531	56	71960 SO
WA1FCN	235	270	505	56	69720 SO L
N4JF	206	89	294	56	44436 SO Q
K4HAL	201	78	279	55	41690 SO L
NE4M	133	67	199	48	25464 SO
W4NTI	89	23	112	45	14017 SO
KI4FUS	0	109	109	39	8502 SO L
Alaska					
AL1G	89	109	198	52	25168 SO
Arizona					
W7SW	147	0	147	45	19845 SO
W7GVE	95	19	114	49	15778 SO L
NI7R	84	0	84	37	9324 SO L
KG9JP	0	107	107	41	8774 SO L
KE7YF	0	97	97	43	8299 SO L
W6ZQ	0	68	68	36	4860 SO L
N7MAL	41	9	50	27	3766 SO L
KD7KDO	0	29	29	21	1218 SO L
N7LR (+W9CF)	98	125	223	51	27744 MS
Arkansas		0		٠.	
WA5SOG	131	147	278	57	39073 SO L
K5QNK	0	195	195	51	19890 SO L
W1KLM	0	75	75	33	4917 SO Q
W5KI	40	3	43	26	3276 SO
KD5J	5	0	5	4	60 SO L
Colorado	-		-	·	
W0ETT	269	0	269	53	42691 SO L
W0JFR	210	76	286	53	41393 SO L
K0LDS	90	68	157	51	20578 SO L
WW0AL	0	143	143	50	14250 SO
N6YEL	0	80	80	44	6996 SO L
K0UK	0	10	10	10	200 SO L M
Connecti	icut				
W1RAN	18	2 134	316	5	7 46398 SO
W1JQ	19	9 96	295	5	6 44128 SO L
K1BV	11	0 66	176	5	2 24024 SO L
K10Q	11	2 20	132	5	3 19928 SO L
W1CTN	2	2 155	177	5	2 19474 SO
KA1CQR		0 50	50	3	2 3200 SO L
KG1W		7 0	7		6 117 SO Q
Delaware	•				
N8NA	195	108	303	56	44856 SO L
N3DXX	150	150	300	57	42750 SO
K3MQ	153	60	213	50	28950 SO
Florida					
K5KG	305	363	668	58	95091 SO
N4IG	158	85	243	54	34776 SO L
KI4LRP	96	64	160	49	20384 SO L
N4LF	133	24	157	43	19221 SO L

K4BK	121	20	141	44	17732 SO	L	KB0TLC	0	53	53	36	3780 SO L
KN4Y	111	0	111	45	14917 SO	L	Kansas					
N4DXI	84	39	123	44	14454 SO	L	W0BH	184	779	962	58	122235 SO
W5JBV	86	14	100	41	11726 SO	Q M	WB0YJT	51	87	138	49	16023 SO L
AI4WW	64	40	104	39	10549 SO		WA5SWN	0	96	96	48	9168 SO L
K4TVO	0	22	22	22	968 SO	L	KA0EIC	0	50	50	37	3663 SO L
K9WLF	0	18	18	15	525 SO	L	KB0ISS	0	32	32	22	1408 SO
K4GOP	0	6	6	8	96 SO	L	KC0YDZ	0	10	10	8	152 SO L
Georgia							Kentuck	.y				
N4PN	338	579	916	58	125831 SO		KB4AMA	0	127	127	49	12446 SO L
K4BAI	318	362	680	57	95589 SO		WA4VAP	34	23	57	32	4688 SO L
NA4BW	128	108	236	53	31720 SO (Q	AG1H	0	12	12	11	264 SO L
KU8E	115	56	171	48	21888 SO		Louisiar	na				
W4XO	122	37	159	47	20609 SO L	_	KA5M	202	163	365	58	53998 SO
K4OD	86	49	135	42	14952 SO L		KC5R	208	153	361	53	49290 SO L
WB5RYB	61	49	110	45	12577 SO L		N5YE	163	133	296	56	42280 SO L
K4AQ	105	0	105	39	12285 SO L		N5II	71	83	154	50	18950 SO L
NM2L	87	1	88	41	10721 SO L		AF5P	60	89	149	46	16468 SO L
WD4LYV	20	72	92	48	9744 SO	_	W5PQ	67	0	67	30	6030 SO L
W4KKY	0	13	13	13	338 SO L		W5WZ	0	64	64	39	4992 SO L
Hawaii	Ü	10	10	10	000 00 1	_	WA5TRX	0	40	40	33	₂₆₄₀ SO L
KH6LC							Maine	Ū	40	40	00	2040
(AH6RE)	297	340	637	58	91031 SO		N4CW	182	78	259	55	38472 SO L
KH6FI	36	216	252	53	28620 SO		W1AO	106	0	106	44	13926 SO L
KH6GMP	0	46	46	32	2912 SO		AB1EP	0	1	1	1	2 SO L
ldaho	0.4	0	0.4 4.0		0440.00		Marylan		'	'		2 30 L
KS4DU KD7AKN	81 0	0 88	81 43 88 41		0449 SO L 7175 SO L		K3TW	221	375	596	58	81896 SO
Illinois	U	00	00 41		7175 SO L		WA1LWS	202	73	274	55	41222 SO L
	1.11	0	141	40	20727 60 1							
K9CW	141	0		49	20727 SO L		N1WR	108	50	158	44	18590 SO
W9OA	125	0	125	49	18375 SO L		Another great	t contest.	Thanks f	or all the	Os. 73	. John
AA9KH	111	0	111	42	13986 SO L	-	K6MM					,
KG9N	8	85	93	38	7372 SO		Put up a new	C5DV I	ita (67') a	ntanna iuc	t hours	hafora tha
K9GY	44	0	44	29	3784 SO L	-	contest stared					
W3HDH	36	7	43	25	3050 SO		expected. KI		117			
AI9I	0	45	45	34	3026 SO L							
AB0SD	0	37	37	30	2190 SO L		Massach	nusett	ts			
W9ILY	0	21	21	22	924 SO L		W1UE	379	598	977	58	135227 SO
AA9DY	15	0	15	14	630 SO L		K1XM	187	0	187	51	28611 SO L
	^	13	13	13	325 SO L	-	K5ZD	71	121	191	52	23530 SO
KB9TNZ	0							, ,				
KB9TNZ Indiana							W1TO	109	44	153	53	21995 SO L
KB9TNZ Indiana W9IU	289	179	468	58	71050 SO		W1TO K1RJV		44 45	153 45	53 29	21995 SO L 2610 SO L
KB9TNZ Indiana W9IU N9AX	289 276		432	58	66091 SO L	-		109				
KB9TNZ Indiana W9IU N9AX WT9U	289 276 144	179 157 166	432 310		66091 SO L 38887 SO		K1RJV	109 0	45	45	29	2610 SO L
KB9TNZ Indiana W9IU N9AX WT9U	289 276	179 157	432	58	66091 SO L 38887 SO 38663 SO L	_	K1RJV K1SND	109 0 3 12	45 26	45 29	29 23	2610 SO L 1368 SO L
KB9TNZ Indiana W9IU N9AX WT9U N9FC K9JWI	289 276 144	179 157 166	432 310	58 51	66091 SO L 38887 SO 38663 SO L 32119 SO L	_	K1RJV K1SND N1NN	109 0 3 12	45 26	45 29	29 23	2610 SO L 1368 SO L
KB9TNZ Indiana W9IU N9AX WT9U N9FC K9JWI	289 276 144 213	179 157 166 46	432 310 259	58 51 53	66091 SO L 38887 SO 38663 SO L 32119 SO L 12705 SO	_	K1RJV K1SND N1NN Michiga l W8MJ	109 0 3 12 n 343	45 26 0 295	45 29 12 638	29 23 10 58	2610 SO L 1368 SO L 345 SO L 93815 SO L
KB9TNZ Indiana W9IU N9AX WT9U N9FC K9JWI AJ9C	289 276 144 213 219	179 157 166 46 0	432 310 259 219	58 51 53 49	66091 SO L 38887 SO 38663 SO L 32119 SO L	_	K1RJV K1SND N1NN Michiga l W8MJ K8MM	109 0 3 12 n 343 154	45 26 0 295 52	45 29 12 638 205	29 23 10 58 51	2610 SO L 1368 SO L 345 SO L 93815 SO L 28738 SO L
KB9TNZ Indiana W9IU N9AX WT9U N9FC K9JWI AJ9C N9WKW	289 276 144 213 219 70	179 157 166 46 0 47	432 310 259 219 117	58 51 53 49 42	66091 SO L 38887 SO 38663 SO L 32119 SO L 12705 SO	-	K1RJV K1SND N1NN Michiga l W8MJ K8MM NF8J	109 0 3 12 n 343 154 50	45 26 0 295 52 91	45 29 12 638 205 141	29 23 10 58 51 47	2610 SO L 1368 SO L 345 SO L 93815 SO L 28738 SO L 15557 SO
KB9TNZ Indiana W9IU N9AX WT9U N9FC K9JWI AJ9C N9WKW KB9YGD	289 276 144 213 219 70 52	179 157 166 46 0 47 50	432 310 259 219 117 102	58 51 53 49 42 41	66091 SO L 38887 SO 38663 SO L 32119 SO L 12705 SO 10455 SO	-	K1RJV K1SND N1NN Michiga l W8MJ K8MM	109 0 3 12 n 343 154	45 26 0 295 52	45 29 12 638 205	29 23 10 58 51	2610 SO L 1368 SO L 345 SO L 93815 SO L 28738 SO L

K8VFR	27	0	27	24	1944 SO L
KS8O	0	33	33	29	1885 SO L
N8NX	0	29	29	21	1197 SO L
Minnesot	:a				
WA0MHJ	267	280	546	58	78793 SO
K0RC	209	195	403	58	58841 SO
KI0F	147	126	273	57	39415 SO L
W0OR	120	129	249	58	35786 SO L
K0AD	158	69	227	55	33660 SO L
K0KX	103	70	173	51	22848 SO L
KE0G	155	0	155	46	21390 SO Q
WG0M	91	56	147	54	20790 SO L
N0BK	111	48	158	47	20045 SO L
WA2MNO	109	0	109	41	13345 SO
K0MPH	91	36	127	38	13072 SO L
N0AT	46	0	46	29	3958 SO
Mississip	pi				
N5VEZ	0	49	49	30	2910 SO M
N5PU	25	0	25	21	1575 SO L
Missouri					
K0OU	267	266	533	58	77314 SO
K0JPL	274	169	443	58	67280 SO
K0GSV	165	176	341	58	49126 SO L
W7KU	108	108	216	57	30723 SO L
K5QQ	132	84	216	52	29328 SO L
N4RS	179	0	179	52	27846 SO L
K0LWV	110	23	133	45	16920 SO L
W0YZZ	57	48	104	43	11373 SO L
N1SWK	0	10	10	11	209 SO L
KI0Y(+KI0HA)	29	64	93	41	8815 MS L

Wow! Neat contest. Lots of xlnt operators with mighty fine ears. Tnx to all and look forward to the next one. 73, Chuck AD6GI

Montana

Nebrask	ка				
WA6POZ	0	166	166	53	17543 SO
W0PQ	76	0	76	41	9286 SO Q
Nevada					
N7TP	0	109	109	46	9982 SO L
KT4ET	0	46	46	29	2639 SO L
New Ha	mpsh	ire			
AE1P	0	202	202	54	21762 SO L
AA1CA	73	0	73	39	8541 SO Q
N1LU	50	11	61	33	5626 SO L
New Jer	sey				
W2LE	188	41	229	57	36736 SO
K1TN	123	0	123	48	17640 SO L
K2DBK	86	48	133	47	16520 SO L

W2UDT	63	66	128	45	14332 SO
KD2MX	111	0	111	41	13653 SO L
W2CVW	98	0	98	39	11407 SO L
KB2RVL	0	28	28	23	1288 SO L M
New Me	xico				
N4CYV	50	28	78	43	8858 SO Q
W5TTE	61	0	61	36	6534 SO L
K5WMH	0	63	63	51	6375 SO L
WA5ZUP	0	54	54	34	3672 SO L
K5AM	32	8	39	26	2847 SO
W0ZW	10	0	10	9	270 SO L
New Yo	rk				
W2TB	211	140	351	57	52041 SO
N2CU	206	0	206	51	31518 SO L
NT2A	152	54	206	53	29892 SO L
WB2ATZ	105	72	177	51	23332 SO L
N2JNZ	78	47	125	47	15369 SO L
N1EU	70	41	111	45	13095 SO
W2WC	56	43	99	41	10414 SO L
N2ZN	71	4	75	38	8398 SO L
AI2T	55	0	55	34	5610 SO Q
N2YOA	0	49	49	32	3104 SO L
K2BBQ	0	38	38	32	2432 SO L
KA2FHN	0	14	14	10	270 SO L

Lots of fun handing out SF County. N6RA

North Carolin	а
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KI4QXS	0	75	75	42	6258 SO L
KR4RO	0	67	67	40	5320 SO
KE4CCM	0	41	41	32	2624 SO
KI4GUO	0	26	26	20	1040 SO
W4UEF	14	0	14	12	504 SO L
K4RKZ	0	7	7	6	78 SO L
North Dal	cota				
K0UD	0	82	82	45	7335 SO L
Ohio					
N8BJQ	288	320	608	58	87145 SO
WB8JUI	195	33	228	48	31248 SO L
K8MR	106	50	156	48	20016 SO
W8PN	155	0	155	43	19930 SO
W8IDM	136	0	136	42	17073 SO L
W8KNO	0	140	140	51	14280 SO L
K8WDN	111	0	111	41	13653 SO L
N8IE	61	35	96	44	11066 SO L
W8ASA	14	36	50	28	3150 SO L
WF8P	0	37	37	22	1606 SO L
W3IQ(+N3SD)	55	52	107	49	13107 MS

Oklahon	na				
W5TM	260	0	260	54	42120 SO L
K5UV	245	0	245	54	39690 SO L
AA5JG	110	62	171	49	22123 SO L
Oregon					
K0JJ	110	166	276	56	37016 SO
N7BF	149	43	192	52	27664 SO L
W3CP	146	0	146	44	19272 SO L
W7WVF	0	122	122	47	11468 SO
N7VS	68	33	101	41	11029 SO L
K7JJ	81	17	97	37	10156 SO L
K6UM	76	27	103	36	10152 SO L
W2VJN	98	0	98	34	9945 SO
W7WHY	64	2	66	28	5446 SO
AD7OG	0	5	5	5	50 SO L
KC7FPB	0	4	4	4	32 SO L

DX expedition to operate near Mt Palomar in northern San Diego County about 100 mi from home. Put up 40 meter dipole wire antenna in large oak and pine trees, weather in 60's during the day low 40's at night. Used batteries for both computer and FT817 power. Lots of fun. KG6TGI

My first CQP entry. A learning experience getting used to N6NO $\,$

Pennsyl	vania				
WA3HAE	308	190	498	58	75632 SO L
AA3B	301	185	486	58	73834 SO
AD8J	211	150	361	56	52248 SO
W0BR	153	201	354	58	49880 SO
N3RJ	165	171	336	58	48459 SO
KC3M	181	65	246	53	35616 SO L
W3AG	112	19	131	49	18326 SO L
K3VX	99	0	99	46	13662 SO L
KA3FZN	0	129	129	47	12079 SO L
K3TX	84	0	84	42	10584 SO L
K3SV	73	0	73	42	9135 SO L
K3RWN	0	101	101	43	8686 SO L
KB3LIX	0	81	81	35	5635 SO L
N3NZ	53	0	53	30	4725 SO
WB3AAL	32	13	45	27	3294 SO Q
K3ISH	0	23	23	17	782 SO
KB3JGU	0	10	10	10	190 SO L
K3WW	310	263	572	58	84303 MS
Rhode Is	sland				
W1WIU	41	63	104	46	11408 SO L
South C	arolina	a			
WA8OJR	105	49	154	50	20650 SO L
K2SX	121	0	121	48	17352 SO

South D			40.4		50000 00 1
K0HW	169	255	424	58	58986 SO L
Tenness	see				
K4KO	204	86	289	58	45327 SO L
K4AMC	202	45	247	51	35445 SO
N2WN	161	0	161	49	23667 SO L
N4ZZ	133	17	150	53	22869 SO L
N4ARO	141	18	159	49	22417 SO L
NA4K	119	52	171	47	21667 SO L
W4NZ	129	42	171	41	19270 SO
N4DW	141	0	141	44	18546 SO
K1GU	90	0	90	38	10260 SO
WA4JA	0	110	110	44	9636 SO L
WO4O	84	0	84	37	9324 SO L
NA4C	43	5	48	29	4031 SO L
K4RO	43	0	43	24	3096 SO
WA4OSD	31	0	31	21	1953 SO L
K4BP	0	24	24	21	1008 SO L
W4OGG	0	26	26	19	969 SO L

Great Contest! Missed NT, SK, ID. W6ZL

Texas	CW	SSB	total	Mult	Score	
WD5K		440	765			
	325			58		L
N5DO	250	214	464	57		Q
W0VX	248	168	415	57		L
N5ZK	101	345	446	57	56544 SO	
KU5B	173	155	328	58	48024 SO	
K5BZH	111	108	219	57	31236 SO	L
K5PI	169	0	169	53	26871 SO	
N5WLA	111	70	181	53	25069 SO	Q
W5QLF	58	90	148	48	16992 SO	L
NO5W	113	0	113	40	13560 SO	L
K5GQ	97	0	97	42	12222 SO	L
N1CC	64	32	96	41	10455 SO	L
KE5KWD	0	100	100	48	9600 SO	L
K5DHY	0	83	83	47	7802 SO	L
KB6OJE	0	78	78	38	5890 SO	L
AD5RK	0	71	71	40	5680 SO	L
KB5DRJ	0	27	27	20	1080 SO	L
N5DTT	0	25	25	22	1078 SO	L
K5WW	0	6	6	6	72 SO	L
W5KFT	123	4	127	42	15834 MS	
K5PI, KG5U, W Utah	/M5R					
-		•	- 4		5404.00	
K7UT	52	3	54	32	0.0.00	L
N3A	54	0	54	27		Q
KE7FBY	0	47	47	33	3069 SO	L
N7GMT	0	21	21	17	714 SO	L
Vermon	t					
KB10D0	70	52	121	47	14640 SO	L

Virginia

W4PM	261	0	261	53	41499 SO
N4SR	0	152	152	56	17024 SO
K4GMH	135	0	135	41	16543 SO
K4GM	114	11	125	41	14924 SO
W4RQ	87	19	106	47	13982 SO L
N4MM	45	70	115	47	12878 SO
AI4ME	0	84	84	40	6720 SO L
KF4QQY	0	55	55	33	3630 SO
W4ZPR	38	0	38	27	3037 SO L
KA6AKH	0	27	27	24	1296 SO L
KG4ZXK	0	23	23	19	874 SO L

Another fun county expedition! I wasn't prepared for snow on the way up friday!Condx seemed not very good but I did my best.

N6YEU

Had lots of fun this year with my new rig set up. Many thanks to Jerry KG6TT and Tom N6AJR for hooking me up. KD6WKY

Washington

W7GKF	278	147	424	57	64153 SO
NG7Z	182	106	287	53	40041 SO L
K7LAZ	194	0	194	51	29682 SO
KB7N	133	21	153	47	20609 SO L
AB7RW	149	0	149	43	19221 SO L
KW7N	0	165	165	54	17766 SO L
WA7NCL	131	0	131	44	17226 SO L
W7TMT	124	0	124	41	15190 SO L
W7WMO	115	0	115	39	13455 SO L
KN7T	60	52	112	36	10224 SO L
AA6RR	63	38	100	37	9712 SO L
N7EIE	93	0	93	32	8928 SO L
W7NNN	55	0	55	38	6270 SO L
K7II <i>WI7F</i>	7	24	31	20	1350 SO L
VV171					
West Vi	rginia				
	rginia ²⁰²	63	265	53	38743 SO
West Vi	•	63 99	265 194	53 48	38743 SO 23208 SO
West Vi	202				
West Vi K8JQ AJ1M	202 96 143	99	194	48	23208 SO
West Vi K8JQ AJ1M K3JT	202 96 143	99	194	48	23208 SO
West Vi K8JQ AJ1M K3JT Wiscon	202 96 143 sin	99	194 147	48 50	23208 SO 21850 SO L
West Vi K8JQ AJ1M K3JT Wiscons	202 96 143 sin 294	99 4 141	194 147 435	48 50 58	23208 SO 21850 SO L 67454 SO
West Vi K8JQ AJ1M K3JT Wiscons NS9I KB9OWD	202 96 143 sin 294 80	99 4 141 62	194 147 435 142	48 50 58 47	23208 SO 21850 SO L 67454 SO 17061 SO L
West Vi K8JQ AJ1M K3JT Wiscons NS9I KB9OWD W9LHG	202 96 143 sin 294 80 93	99 4 141 62 0	194 147 435 142 93	48 50 58 47 38	23208 SO 21850 SO L 67454 SO 17061 SO L 10602 SO L
West Vi K8JQ AJ1M K3JT Wiscons NS9I KB9OWD W9LHG K9JIG KA9FOX AF9J	202 96 143 sin 294 80 93 0 7 51	99 4 141 62 0 98	194 147 435 142 93 98	48 50 58 47 38 45	23208 SO 21850 SO L 67454 SO 17061 SO L 10602 SO L 8775 SO
West Vi K8JQ AJ1M K3JT Wiscons NS9I KB9OWD W9LHG K9JIG KA9FOX	202 96 143 sin 294 80 93 0 7 51	99 4 141 62 0 98 84	194 147 435 142 93 98 91	48 50 58 47 38 45 37	23208 SO 21850 SO L 67454 SO 17061 SO L 10602 SO L 8775 SO 6993 SO
West Vi K8JQ AJ1M K3JT Wiscons NS9I KB9OWD W9LHG K9JIG KA9FOX AF9J	202 96 143 sin 294 80 93 0 7 51	99 4 141 62 0 98 84	194 147 435 142 93 98 91	48 50 58 47 38 45 37	23208 SO 21850 SO L 67454 SO 17061 SO L 10602 SO L 8775 SO 6993 SO
West Vi K8JQ AJ1M K3JT Wiscons NS9I KB9OWD W9LHG K9JIG KA9FOX AF9J Wyomir	202 96 143 sin 294 80 93 0 7 51	99 4 141 62 0 98 84 15	194 147 435 142 93 98 91 66	48 50 58 47 38 45 37 23	23208 SO 21850 SO L 67454 SO 17061 SO L 10602 SO L 8775 SO 6993 SO 4174 SO L

This was my 3rd year for the CQP and my 2nd as a County Expedition to Kern County AD6ZJ

What a hoot!!! Better score than last year... under worse conditions. WF6O

Phew...glad that's over. Wait til next year! I'd like to buy a sun spot. ND6S

My goal was to get back on CW. Kudos to the CQP CW speedsters for their patience. AE6IC

Enjoyed CQP again, even though just had knee replacement ... meds make CW a hoot! 73 Y'all, `til next year! AA6DX

Conditions were so bad at the start of the contest, I went up on the roof to check that my antenna was still connected!

K6PUD

Always happy to renew acquaintances during the CQP -sorry I didn't have more time to participate this year. K6OWL

Funniest moment....In the middle of my calling CQ: CQP, November Six Oscar Oscar, my lovely XYL comes in the shack and tells me Your doing it wrong dear, today is October Sixth, not November Six..What a sweetheart! See you next year. Tony, N6OO.

Antenna - Modified Buddistick as a quarter wave 20 meter vertical and as a quarter wave 15 meter vertical both over salt water. 40 meters is the Buddipole. I was portable 5 miles East of my QTH, although still in Marin County, Grid CM87. I made 5 watt SSB QSOs to HI, MA, and SK and BC in Canada. K6BBQ

2nd time, It was great. AE6XC

My first CQP, lotta fun when station actually WANT to work a 6station. I will prepare much better and more so for next year! CHEERS! KF6KDA

First QSO Party! So much Fun!!! KG6SKA

No T-shirt. Arrggghhhhhh. NU6T

First CQP for me. Learned lots, mostly too late to really make it effect my score. Look for me again next year with a better strategy and more of an antenna! 73 all and thanks for the good time! KI6BEO

Not many contacts VY1JA (VY1WR came to the party J-K6TD)

Can't predict the neighbors... especially when neighbor is a ham and decides to operate CQP at the last minute.... of course their beam towers above mine... only a few thousand feet away... and is 60dB over S9 on a dummy load! KG6TT

A great contest. Thank you NCCC'ers for all of the contacts - 73, Don. AA6W

This is the first time for this contest K6ZXU

It IS fun to have people seriously interested in working you! WA6ST

Sure was nice to finally get a sweep on CW. Idaho (KS4DU) and North Dakota (KE0A) were the last two. N6TV

and North D		E0A) wer	_	two.			Liborat					
N6TV							K6KR	600	103	702		112196 SO
2007 C	OD Da	anlta	$\mathbf{C}\mathbf{A}$				N6FR KS5A	372 34	210 0	582 34	54 20	82944 SO 2040 SO L M
2007 CO SO = Single				MM =	Multi-Multi,		AA6W	0	9	9	20 8	144 SO L M
L = Low Po	wer; Ç	Q = QRP;	C = C	ounty E	Expedition,		K6LRN	665	530	1195	_	177132 MS
M = mobile	S = Sc	hool,	* = nev	v CQP	record		K6LRN K6		550	1133	50	177 102 WO
Alamed	la						Fresno					
AD6E		602	1606	5 7	249740 80		W6YO (N2NS)	430	289	718	54	100737 SO
N6WG	993 316	693 15	1686 331	57 44	248719 SO 42966 SO Q		W6GV (K2VCO)	402	0	402	50	60225 SO L
N6VVG N6DA	253	15	254	50	38050 SO Q		KE6SHL	0	255	255	46	23414 SO L
W6RGG	200	0	200	45	26932 SO		W6DPD	0	122	122	35	8505 SO L
W6TCP	0	120	120	36	8604 SO L		KF6KDA	0	102	102	26	5278 SO L
W6RK	87	120	88	30	7845 SO L		NA6G	0	75	75	34	5066 SO L
KI6OY	0	90	90	36	6444 SO L		KS5A	27	0	27	18	1431 SO L M
KC6ZZT	0	30	30	19	1121 SO L		K6AQL	59	0	59	30	5310 MS M
K6AQL	33	0	33	18		М	Glenn					
N6ORC	0	23	23	19	855 MS L		N6G	832	150	982	55	153780 MS L
	P, KI6EWY,	KG6MAC,	KI6HRB, K	E6IUE, K	G6DER		N6XG K7GQ Humbol	dt				
Alpine	000	400	4000	- 7	405520 MC		W6JTI	502	174	676	50	92625 SO Q
N6A W4UAT,	836 , W6OA, K6	462 DGW, WB6	1298 SJJJ, WD6F		195538 MS FW		AA6DX	90	131	221	46	24403 SO L
Amado	r						Imperial					
ND6S	31	365	395	55	45127 SO L		N6IMP (W6SJ)	655	166	821	56	128576 SO L C
W6RKC	259	0	259	48	37224 SO		W6PT	860	958	1818		256272 MS C
K6BEW	102	86	187	49	23299 SO		N7CW, K60				0.	200272 1110
WA6SJQ	0	26	26	21	1092 SO L		Inyo					
KS5A	23	0	23	12	828 SO L	M	W6PH	722	711	1432	57	204373 SO
K6KO (+K6TA)	859	580	1439	58	216746 MS		KS5A	76	0	76	28	6342 SO L M
Butte							K6Z K6ZZ K6VF	691 R N6KZ W	477 B9AWX N	1167 I6NQ, NT6A		172396 MM L C
N6RER	0	813	813	54	87804 SO		Kern	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	20,,	,	, ,	
W6AF (K7XE)	0	47	47	26	2418 SO L		AD6ZJ	297	138	435	52	60684 SO L C
K6AQL	22	0	22	4	264 MS	М	KI6VC	0	463	463	55	50930 SO
N6MU K0DI							KD4HXT	24	89	113	39	9750 SO Q
Calaver		4400	0000	50	000405 00		KS5A	85	0	85	31	7905 SO L M
WC6H	921	1106	2026		288405 SO		N6FD	0	52	52	27	2781 SO L
KS5A Colusa	6	0	6	6	108 SO L	IVI	K6AQL	61	1	62	31	5735 MS M
W6VNQ	0	40	40	28	2240 SO		меми корі King					
K6AQL	88	14	102	36	10512 MS	М	KS5A	76	0	76	28	6342 SO L M
Contra			102	30	10312 WO	IVI	AA6GZ	0	46	46	25	2300 SO L
KI6JJW	0	186	186	33	12243 SO L		K6AQL	109	43	152	40	16480 MS M
KI6GFT	0	84	84	36	6012 SO L	С	Lake		.0			
KI6BEO	0	77	77	24	3672 SO L		N6DQ	253	139	392	52	53924 SO L C
AA6XZ	0	53	53	28	2940 SO L		K6RAD	18	75	93	31	6277 SO L
K6AQL	30	0	30	16	1440 MS	М	KE6UAR	0	64	64	23	2921 SO L C
N6O	1612	1894	3506	58	500192 MM		Lassen					
Del Nor	BV WA6O N	6RO WX59	W6ZZZ				K6ME	2	330	332	54	35910 SO L
N6D		802	1920	50	272282 NANA	C						
AC7ZG W	1037 7YAQ KI7Y	802 ' N7ED N7	1839 MQ	56	273383 MM	С						

El Dorado

Los Ang	jeles				
K6LA	948	1349	2297	57	315808 SO
KM6Z W6CIT	695	208	903	54	134973 SO L
(N6AN)	282	530	812	57	108556 SO
N6NO	614	0	614	55	101227 SO L
W6IST	0	504	504	58	58406 SO
W6AFA	0	518	518	55	56980 SO
AE6XC	0	117	117	39	9126 SO L
WA6KPP	0	89	89	14	2478 SO L
K6ZCL	21	12	33	12	1026 SO L
NC6Q	11	19	30	14	973 SO L
AF6BS	0	22	22	11	473 SO L
WB6LRU	0	94	94	21	3948 MS
K6AQL N6MU K0E	3 DI	0	3	1	9 MS M
Madera					
KB6A	287	451	738	55	96910 SO
KS5A	48	0	48	22	3135 SO L M
KA6GDT	47	1	48	13	1859 SO L
AE6RF AE6RF, KG6YF	196 PH, KI6DA	101 R	296	50	39375 MS C
K6AQL N6MU K0DI	52	0	52	27	4212 MS M
W6A W6BBS AD6VN	0 I KG6TXI I	482 KG6SUN AF	482 F6DQ	54	52056 MM L
Marin					
K6RIM	1008	490	1498	58	232174 SO
K6BBQ	6	108	114	41	9553 SO L
K6SEM	0	167	167	21	7014 SO
Maripos	а				
N6NZ	371	1516	1887	58	240352 SO
KS5A	35	0	35	23	2380 SO L M

Conditions not as good as last year here. Great operators as usual. My 160m and 80m antennas are down so I used my $2el\ 20m$ quad for 80m:-) This was my first sweep. See you all next year. Art W1AJT

Mendocino

KW6H (+KI6ORO)	0	23	23	9	405 MS	
<i>K6IF</i> (K6IF - ch	33 neck log)	160	193	43	18017 SO	
Merced						
KO6BB	0	158	158	41	12956 SO	L
KS5A	32	0	32	21	2016 SO	L M
N6RC N6RC N6KJ KX	828 7 M	714	1542	58	226809 MS	С
K6AQL N6MU K0DI	50	0	50	28	4200 MS	М

Modoc

NT6K	720	566	1286	58	190936	SO		
NE6LE	888	842	1729	58	252039	MM		
	XU KS6U K	7YLO W7N	IT W7YOW V	N7SN				
Mono								
W6ML (W6KC)	777	387	1164	56	173880	so		С
W6SX	1035	0	1035	54	167589	SO		
W6M	0	203	203	48	19440	MS	L	
Monter	ey							
N6IJ	000	400	4070		405470	~~		
(NI6T)	809	469	1278	58	195170			
N6MW	205	11	216	48	30576	SO		
N6SPD	0	63	63	29	3625	SO	L	
K6BIR	0	17	17	12	408	SO	L	
K6AQL	66	39	104	37	10119	MS		М
N6MU K0DI								
Napa								
KE6ZSN	278	629	907	58	121249	SO		
W6OSP	109	0	109	32	10416	SO		
Nevada	ì							
AI6V (K2RD)	866	1421	2287	58	315462	so		
N6XI	692	378	1069	58	164111	so		
K6DW	260	8	268	50	39750	so	L	
W6EU	227	0	227	46	31326	SO		
KA6NGR	206	0	206	46	28428	so	L	
K9JM	214	3	217	43	27799	SO		
KB8VCE K6XN, W6	0 SNW, N6FSS	52 S, W6JCW,	52 AD9DX	23	2392	so		
Nice to see	activity fr	om all co	unties, sur	prised	at the sma	11		

Nice to see activity from all counties, surprised at the small number of /M. Lots of fun!

 \mbox{Had} a great time working all those FB California ops.! $\mbox{W2TB}$

Loads of fun. NE4M

Orange

N6HC	700	993	1692	57	232759 SO	
W6ZL	472	151	623	55	94407 SO L	
K6GEP	254	188	442	50	56825 SO L	
N6QQ	63	432	494	54	56727 SO	
AA6PW	137	65	201	46	24771 SO L	
KM6HB	0	123	123	37	9102 SO	
Placer						
KF6T	677	411	1088	58	165416 SO	
W6RFF	332	0	332	50	49725 SO L	
KG6SKA	0	131	131	18	4698 SO L	
Plumas						
K6JS к6JS WB6HFH Riversid		470 6TTR	850	58	120582 MS C	;
	. •					
KI6CDF	5	228	233	37	17427 SO	
KI6FNZ	0	147	147	33	9702 SO L	

W6PY	0	39	39	22	1716 SO			N6KI N6E	RD N6OX					
W6KA	0	95	95	28	5292 MS		С	N6WB	431	452	882	57	125086 MS	L
Sacrame								KE6PY N6I KK6TV	EP WA6IQY 10	N6SUN W	7D6S N6MD 118	29	7105 MS	L
N6RK	411	0	411	49	60343 SO				HEB WA6V					
WF6O	56	406	462	54	52839 SO	L		San Fra	ncisco CW	SSB	total	Mult	Score	
KI6T	73	49	122	34	10778 SO			N6RA	567	260	827	55	122100 SO	
NU6T	0	83	83	29	4814 SO	L		K6OWL	165	7	172	36	18324 SO	
N6EF	6	27	33	23	1656 SO	L		K6ILM	19	58	77	33	5676 SO	
W6VFA	0	43	43	13	1105 SO	L		NC6P	0	49	49	22	2134 SO	
KS5A	2	0	2	2	12 SO	L	М	San Joa	-	10	.0		2101 00	_
N6WR (+K6FO)	26	197	223	38	17898 MS	L		K6MDS	0	432	432	57	49248 SO	
K6AQL N6MU K0DI	7	0	7	7	147 MS		М	AA6K	0	314	314	54	33858 SO	
San Ben	ito							WA6IQZ	139	46	185	41	20828 SO	L
K6VVA	541	155	696	52	100438 SO		С	KS5A	49	0	49	25	3675 SO	L M
KF6IHL	0	240	240	50	23950 SO			N1ILZ	0	27	27	17	901 SO	
AF6CA	0	44	44	21	1827 SO	L	С	K6MAN	0	225	225	52	23348 MS	
W6WO	288 kw	3	291	50	43500 MS	L	С	W6SF KB6QIT W6	0 SYGZ WB6N	168 IVB W6IN	168 P	37	12395 MS	L
K6AQL N6MU K0D	32	0	32	19	1824 MS		М	K6AQL N6MU K0DI	4	20	24	12	624 MS	М
San Ber		no						San Lui	s Obis	ро				
KQ6ES	491	158	649	55	98395 SO	L		W6TK	739	1194	1933	58	267032 SO	
K6MCP	0	316	316	51	32181 SO	L		N6CQP	149	0	149	37	16539 SO	L
KE6K	121	67	188	39	19344 SO	Q		N6WS	0	38	38	26	1976 SO	Q
N600	63	90	153	32	11808 SO	L								
K6DGV	0	48	48	30	2880 SO	L		Maybe I'll w						
KS5A	0 29	0	48 29	14	1197 SO		М	Never receiv						
KS5A K6VO K6NR AD60	29 813	0 1151		14			M							
KS5A K6VO	29 813	0 1151	29 1963	14	1197 SO		M	Never receiv	ed one las					
KS5A K6VO K6NR AD60 W6BBL (+NT5A) San Dieg	29 813 DI KGRBS 0	0 1151 N6REG N J	29 1963 JGN KFGHVO	14 58	1197 SO 274833 MS		M	Never receiv K3MQ	ed one las					
KS5A K6VO K6NR AD60 W6BBL (+NT5A) San Dieg W6YI	29 813 DI KGRBS 0 go	0 1151 N6REG N. 234	29 1963 Jen kfehvo 234	14 58	1197 SO 274833 MS 21482 MS		M	Never receiv K3MQ	ed one las	t year. T	hanks for	a nice (contest.	
KS5A K6VO K6NR AD60 W6BBL (+NT5A) San Dieg W6YI (N6MJ) K6NA	29 813 DI KGRBS 0 go 1031	0 1151 N6REG N. 234 1550	29 1963 JGN KFGHVO 234 2580	14 58 46 58	1197 SO 274833 MS 21482 MS 359049 SO		M	Never receiv K3MQ San Mat N6NF	ed one las : eo 519	t year. T	hanks for	a nice o	143920 SO	L
KS5A K6VO K6NR AD60 W6BBL (+NT5A) San Die W6YI (N6MJ) K6NA (N6ED)	29 813 0 KGRBS 0 go 1031 1002	0 1151 N6REG N. 234 1550 1301	29 1963 JGN KFGHVO 234 2580 2303	14 58 46 58 57	1197 SO 274833 MS 21482 MS 359049 SO 319656 SO	L	M	Never receiv K3MQ San Mat N6NF W6OAT	ed one las : eo 519 555	t year. T 507 395	1026 949	56 57	143920 SO 139792 SO	
KS5A K6VO K6NR AD60 W6BBL (+NT5A) San Dieg W6YI (N6MJ) K6NA (N6ED) K6AM	29 813 0 KGRBS 0 go 1031 1002 835	0 1151 NGREG N. 234 1550 1301 530	29 1963 JGN KF6HVO 234 2580 2303 1365	14 58 46 58 57 57	1197 SO 274833 MS 21482 MS 359049 SO 319656 SO 203205 SO	L	M	Never receiv K3MQ San Mat N6NF W6OAT W1SRD W6ISO K6TKM	ed one las :eo 519 555 140	507 395 15	1026 949 155	56 57 37	143920 SO 139792 SO 16594 SO	
KS5A K6VO K6NR AD60 W6BBL (+NT5A) San Dieg W6YI (N6MJ) K6NA (N6ED) K6AM WN6K	29 813 NEGRBS 0 go 1031 1002 835 597	0 1151 NGREG N. 234 1550 1301 530 0	29 1963 JGN KF6HVO 234 2580 2303 1365 597	14 58 46 58 57 57 55	1197 SO 274833 MS 21482 MS 359049 SO 319656 SO 203205 SO 98422 SO	L L L	M	Never receiv K3MQ San Mat N6NF W6OAT W1SRD W6ISO	ed one las SEO 519 555 140 88	507 395 15 55	1026 949 155 142	56 57 37 35	143920 SO 139792 SO 16594 SO 13002 SO	
KS5A K6VO K6NR AD60 W6BBL (+NT5A) San Dieg W6YI (N6MJ) K6NA (N6ED) K6AM WN6K K6DEX	29 813 0 KGRBS 0 go 1031 1002 835 597 201	0 1151 NGREG N. 234 1550 1301 530 0 474	29 1963 JGN KFGHVO 234 2580 2303 1365 597 674	14 58 46 58 57 57 55 57	1197 SO 274833 MS 21482 MS 359049 SO 319656 SO 203205 SO 98422 SO 88264 SO	L L L	M	Never receiv K3MQ San Mat N6NF W6OAT W1SRD W6ISO K6TKM W6ETM	ed one las EEO 519 555 140 88 97 255	507 395 15 55 0	1026 949 155 142 97	56 57 37 35 38	143920 SO 139792 SO 16594 SO 13002 SO 11001 SO	
KS5A K6VO K6NR AD60 W6BBL (+NT5A) San Die W6YI (N6MJ) K6NA (N6ED) K6AM WN6K K6DEX AA6EE	29 813 0 KGRBS 0 90 1031 1002 835 597 201 239	0 1151 N6REG N. 234 1550 1301 530 0 474 0	29 1963 JGN KFGHVO 234 2580 2303 1365 597 674 239	14 58 46 58 57 57 55 57 46	1197 SO 274833 MS 21482 MS 359049 SO 319656 SO 203205 SO 98422 SO 88264 SO 32913 SO	L L L	M	Never receiv K3MQ San Mat N6NF W6OAT W1SRD W6ISO K6TKM W6ETM (+W6OAT) Santa B WA6FGV	ed one las EEO 519 555 140 88 97 255	507 395 15 55 0	1026 949 155 142 97	56 57 37 35 38 45	143920 SO 139792 SO 16594 SO 13002 SO 11001 SO	
KS5A K6VO K6NR AD60 W6BBL (+NT5A) San Dieg W6YI (N6MJ) K6NA (N6ED) K6AM WN6K K6DEX	29 813 0 KGRBS 0 go 1031 1002 835 597 201	0 1151 NGREG N. 234 1550 1301 530 0 474	29 1963 JGN KFGHVO 234 2580 2303 1365 597 674	14 58 46 58 57 57 55 57	1197 SO 274833 MS 21482 MS 359049 SO 319656 SO 203205 SO 98422 SO 88264 SO		M	Never receiv K3MQ San Mat N6NF W6OAT W1SRD W6ISO K6TKM W6ETM (+W6OAT) Santa B WA6FGV NN6DX	ed one las eO 519 555 140 88 97 255 arbara	507 395 15 55 0	1026 949 155 142 97 270	56 57 37 35 38 45	143920 SO 139792 SO 16594 SO 13002 SO 11001 SO 35752 MS	L
KS5A K6VO K6NR AD60 W6BBL (+NT5A) San Dieg W6YI (N6MJ) K6NA (N6ED) K6AM WN6K K6DEX AA6EE N6NC	29 813 0 KGRBS 0 go 1031 1002 835 597 201 239 236	0 1151 N6REG N. 234 1550 1301 530 0 474 0	29 1963 JGN KF6HVO 234 2580 2303 1365 597 674 239 236	14 58 46 58 57 57 55 57 46 43	1197 SO 274833 MS 21482 MS 359049 SO 319656 SO 203205 SO 98422 SO 88264 SO 32913 SO 30444 SO		M	Never receiv K3MQ San Mat N6NF W6OAT W1SRD W6ISO K6TKM W6ETM (+W6OAT) Santa B WA6FGV	ed one las eO 519 555 140 88 97 255 arbara 487	507 395 15 55 0 16	1026 949 155 142 97 270	56 57 37 35 38 45	143920 SO 139792 SO 16594 SO 13002 SO 11001 SO 35752 MS	L L
KS5A K6VO K6NR AD60 W6BBL (+NT5A) San Dieg W6YI (N6MJ) K6NA (N6ED) K6AM WN6K K6DEX AA6EE N6NC N6XT	29 813 0 KERBS 0 go 1031 1002 835 597 201 239 236 0	0 1151 N6REG N. 234 1550 1301 530 0 474 0 0 306	29 1963 JGN KF6HVO 234 2580 2303 1365 597 674 239 236 306	14 58 46 58 57 57 55 57 46 43 47	1197 SO 274833 MS 21482 MS 359049 SO 319656 SO 203205 SO 98422 SO 88264 SO 32913 SO 30444 SO 28764 SO		M	Never receiv K3MQ San Mat N6NF W6OAT W1SRD W6ISO K6TKM W6ETM (+W6OAT) Santa B WA6FGV NN6DX (W1PR) WB6KDH W6RFU	ed one las EEO 519 555 140 88 97 255 arbara 487 84 0 594	507 395 15 55 0 16 497 101	1026 949 155 142 97 270 983 185	56 57 37 35 38 45 57 44	143920 SO 139792 SO 16594 SO 13002 SO 11001 SO 35752 MS 139792 SO 19976 SO	L L
KS5A K6VO K6NR AD60 W6BBL (+NT5A) San Dieg W6YI (N6MJ) K6NA (N6ED) K6AM WN6K K6DEX AA6EE N6NC N6XT AE6IC	29 813 0 KGRBS 0 go 1031 1002 835 597 201 239 236 0 137	0 1151 N6REG N. 234 1550 1301 530 0 474 0 0 306 84	29 1963 JGN KF6HVO 234 2580 2303 1365 597 674 239 236 306 221	14 58 46 58 57 55 57 46 43 47 44	1197 SO 274833 MS 21482 MS 359049 SO 319656 SO 203205 SO 98422 SO 88264 SO 32913 SO 30444 SO 28764 SO 25476 SO		M	Never receiv K3MQ San Mat N6NF W6OAT W1SRD W6ISO K6TKM W6ETM (+W6OAT) Santa B WA6FGV NN6DX (W1PR) WB6KDH W6RFU AC6T, KG6K, K	519 555 140 88 97 255 arbara 487 84 0 594	507 395 15 55 0 16 497 101 29	1026 949 155 142 97 270 983 185 29	56 57 37 35 38 45 57 44	143920 SO 139792 SO 16594 SO 13002 SO 11001 SO 35752 MS 139792 SO 19976 SO 812 SO	L L
KS5A K6VO K6NR AD60 W6BBL (+NT5A) San Dieg W6YI (N6MJ) K6NA (N6ED) K6AM WN6K K6DEX AA6EE N6NC N6XT AE6IC N6UWW	29 813 0 KGRBS 0 go 1031 1002 835 597 201 239 236 0 137 0	0 1151 N6REG N. 234 1550 1301 530 0 474 0 0 306 84 214	29 1963 JGN KFGHVO 234 2580 2303 1365 597 674 239 236 306 221 214	14 58 46 58 57 57 55 57 46 43 47 44 32	1197 SO 274833 MS 21482 MS 359049 SO 319656 SO 203205 SO 98422 SO 88264 SO 32913 SO 30444 SO 28764 SO 25476 SO 13696 SO		M	Never receiv K3MQ San Mat N6NF W6OAT W1SRD W6ISO K6TKM W6ETM (+W6OAT) Santa B WA6FGV NN6DX (W1PR) WB6KDH W6RFU AC6T, KG6K, K	ed one las eO 519 555 140 88 97 255 arbara 487 84 0 594 6QD	507 395 15 55 0 16 1 497 101 29 398	1026 949 155 142 97 270 983 185 29 992	56 57 37 35 38 45 57 44 14 58	143920 SO 139792 SO 16594 SO 13002 SO 11001 SO 35752 MS 139792 SO 19976 SO 812 SO 149524 MS	L L
KS5A K6VO K6NR AD60 W6BBL (+NT5A) San Dieg W6YI (N6MJ) K6NA (N6ED) K6AM WN6K K6DEX AA6EE N6NC N6XT AE6IC N6UWW N6VH	29 813 DI KGRBS 0 GO 1031 1002 835 597 201 239 236 0 137 0 54	0 1151 N6REG N. 234 1550 1301 530 0 474 0 0 306 84 214 97	29 1963 JGN KF6HVO 234 2580 2303 1365 597 674 239 236 306 221 214 151	14 58 46 58 57 57 55 57 46 43 47 44 32 36	1197 SO 274833 MS 21482 MS 359049 SO 319656 SO 203205 SO 98422 SO 88264 SO 32913 SO 30444 SO 28764 SO 25476 SO 13696 SO 12780 SO		M	Never receiv K3MQ San Mat N6NF W6OAT W1SRD W6ISO K6TKM W6ETM (+W6OAT) Santa B WA6FGV NN6DX (W1PR) WB6KDH W6RFU AC6T, KG6K, F Santa C N6TV	ed one lass EO 519 555 140 88 97 255 arbara 487 84 0 594 660 1481	507 395 15 55 0 16 497 101 29 398	1026 949 155 142 97 270 983 185 29 992	56 57 37 35 38 45 57 44 14 58	143920 SO 139792 SO 16594 SO 13002 SO 11001 SO 35752 MS 139792 SO 19976 SO 812 SO 149524 MS	L L
KS5A K6VO K6NR AD60 W6BBL (+NT5A) San Dieg W6YI (N6MJ) K6NA (N6ED) K6AM WN6K K6DEX AA6EE N6NC N6XT AE6IC N6UWW N6VH WA6L	29 813 DI KERBS 0 go 1031 1002 835 597 201 239 236 0 137 0 54 94	0 1151 N6REG N. 234 1550 1301 530 0 474 0 0 306 84 214 97 27	29 1963 JGN KF6HVO 234 2580 2303 1365 597 674 239 236 306 221 214 151 121	14 58 46 58 57 55 57 46 43 47 44 32 36 31	1197 SO 274833 MS 21482 MS 359049 SO 319656 SO 203205 SO 98422 SO 88264 SO 32913 SO 30444 SO 28764 SO 25476 SO 13696 SO 12780 SO 10385 SO		M	Never receiv K3MQ San Mat N6NF W6OAT W1SRD W6ISO K6TKM W6ETM (+W6OAT) Santa B WA6FGV NN6DX (W1PR) WB6KDH W6RFU AC6T, KG6K, K Santa C N6TV K6YT	seo 519 555 140 88 97 255 arbara 487 84 0 594 1481 1363	507 395 15 55 0 16 497 101 29 398	1026 949 155 142 97 270 983 185 29 992	56 57 37 35 38 45 57 44 14 58	143920 SO 139792 SO 16594 SO 13002 SO 11001 SO 35752 MS 139792 SO 19976 SO 812 SO 149524 MS 257607 SO 232987 SO	L L L
KS5A K6VO K6NR AD60 W6BBL (+NT5A) San Dieg W6YI (N6MJ) K6NA (N6ED) K6AM WN6K K6DEX AA6EE N6NC N6XT AE6IC N6UWW N6VH WA6L KC6MIE	29 813 0 KGRBS 0 go 1031 1002 835 597 201 239 236 0 137 0 54 94 0	0 1151 N6REG N. 234 1550 1301 530 0 474 0 0 306 84 214 97 27 139	29 1963 JGN KF6HVO 234 2580 2303 1365 597 674 239 236 306 221 214 151 121 139	14 58 46 58 57 55 57 46 43 47 44 32 36 31 36	1197 SO 274833 MS 21482 MS 359049 SO 319656 SO 203205 SO 98422 SO 88264 SO 32913 SO 30444 SO 28764 SO 25476 SO 13696 SO 12780 SO 10385 SO		M	Never receiv K3MQ San Mat N6NF W6OAT W1SRD W6ISO K6TKM W6ETM (+W6OAT) Santa B WA6FGV NN6DX (W1PR) WB6KDH W6RFU AC6T, KG6K, F Santa C N6TV K6YT AE6Y	ed one lass eeo 519 555 140 88 97 255 arbara 487 84 0 594 6600 lara 1481 1363 989	507 395 15 55 0 16 497 101 29 398	1026 949 155 142 97 270 983 185 29 992	56 57 37 35 38 45 57 44 14 58	143920 SO 139792 SO 16594 SO 13002 SO 11001 SO 35752 MS 139792 SO 19976 SO 812 SO 149524 MS 257607 SO 232987 SO 222285 SO	L L L
KS5A K6VO K6NR AD60 W6BBL (+NT5A) San Dieg W6YI (N6MJ) K6NA (N6ED) K6AM WN6K K6DEX AA6EE N6NC N6XT AE6IC N6UWW N6VH WA6L KC6MIE W6YOO	29 813 0 KGRBS 0 90 1031 1002 835 597 201 239 236 0 137 0 54 94 0	0 1151 N6REG N. 234 1550 1301 530 0 474 0 0 306 84 214 97 27 139 124	29 1963 JGN KF6HVO 234 2580 2303 1365 597 674 239 236 306 221 214 151 121 139 124	14 58 46 58 57 57 55 57 46 43 47 44 32 36 31 36 39	1197 SO 274833 MS 21482 MS 359049 SO 319656 SO 203205 SO 98422 SO 88264 SO 32913 SO 30444 SO 28764 SO 25476 SO 13696 SO 12780 SO 10385 SO 10008 SO 9633 SO			Never receiv K3MQ San Mat N6NF W6OAT W1SRD W6ISO K6TKM W6ETM (+W6OAT) Santa B WA6FGV NN6DX (W1PR) WB6KDH W6RFU AC6T, KG6K, H Santa C N6TV K6YT AE6Y K6MM K6ZM	ed one lass EO 519 555 140 88 97 255 arbara 487 84 0 594 6aa 1481 1363 989 531	507 395 15 55 0 16 1 497 101 29 398	1026 949 155 142 97 270 983 185 29 992 1481 1363 1422 886	56 57 37 35 38 45 57 44 14 58 58 57 58 57	143920 SO 139792 SO 16594 SO 13002 SO 11001 SO 35752 MS 139792 SO 19976 SO 812 SO 149524 MS 257607 SO 232987 SO 222285 SO 131242 SO	L L L
KS5A K6VO K6NR AD60 W6BBL (+NT5A) San Dieg W6YI (N6MJ) K6NA (N6ED) K6AM WN6K K6DEX AA6EE N6NC N6XT AE6IC N6UWW N6VH WA6L KC6MIE W6YOO W2PWS	29 813 01 KGRBS 0 go 1031 1002 835 597 201 239 236 0 137 0 54 94 0 0	0 1151 N6REG N. 234 1550 1301 530 0 474 0 0 306 84 214 97 27 139 124 104	29 1963 JGN KF6HVO 234 2580 2303 1365 597 674 239 236 306 221 214 151 121 139 124 104	14 58 46 57 57 55 57 46 43 47 44 32 36 31 36 39 17	1197 SO 274833 MS 21482 MS 359049 SO 319656 SO 203205 SO 98422 SO 88264 SO 32913 SO 30444 SO 28764 SO 13696 SO 12780 SO 10385 SO 10008 SO 9633 SO 3519 SO			Never receiv K3MQ San Mat N6NF W6OAT W1SRD W6ISO K6TKM W6ETM (+W6OAT) Santa B WA6FGV NN6DX (W1PR) WB6KDH W6RFU AC6T, KG6K, F Santa C N6TV K6YT AE6Y K6MM K6ZM (N3ZZ)	ed one lass seo 519 555 140 88 97 255 arbara 487 84 0 594 660 1481 1363 989 531 721	507 395 15 55 0 16 497 101 29 398 0 0 434 356 0	1026 949 155 142 97 270 983 185 29 992 1481 1363 1422 886 721	56 57 37 35 38 45 57 44 14 58 57 58 57 58	143920 SO 139792 SO 16594 SO 13002 SO 11001 SO 35752 MS 139792 SO 19976 SO 812 SO 149524 MS 257607 SO 232987 SO 232987 SO 131242 SO 118965 SO	L L L
KS5A K6VO K6NR AD60 W6BBL (+NT5A) San Dieg W6YI (N6MJ) K6NA (N6ED) K6AM WN6K K6DEX AA6EE N6NC N6XT AE6IC N6UWW N6VH WA6L KC6MIE W6YOO W2PWS KG6TGI	29 813 DI KERBS 0 go 1031 1002 835 597 201 239 236 0 137 0 54 94 0 0 0	0 1151 N6REG N. 234 1550 1301 530 0 474 0 0 306 84 214 97 27 139 124 104 56	29 1963 1968 KF6HVO 234 2580 2303 1365 597 674 239 236 306 221 214 151 121 139 124 104 56	14 58 46 58 57 55 57 46 43 47 44 32 36 31 36 39 17 26	1197 SO 274833 MS 21482 MS 359049 SO 319656 SO 203205 SO 98422 SO 88264 SO 32913 SO 30444 SO 28764 SO 13696 SO 12780 SO 10385 SO 10008 SO 9633 SO 3519 SO 2912 SO			Never receiv K3MQ San Mat N6NF W6OAT W1SRD W6ISO K6TKM W6ETM (+W6OAT) Santa B WA6FGV NN6DX (W1PR) WB6KDH W6RFU AC6T, KG6K, H Santa C N6TV K6YT AE6Y K6MM K6ZM	ed one lass EO 519 555 140 88 97 255 arbara 487 84 0 594 6aa 1481 1363 989 531	507 395 15 55 0 16 1 497 101 29 398	1026 949 155 142 97 270 983 185 29 992 1481 1363 1422 886	56 57 37 35 38 45 57 44 14 58 57 58 57 58	143920 SO 139792 SO 16594 SO 13002 SO 11001 SO 35752 MS 139792 SO 19976 SO 812 SO 149524 MS 257607 SO 232987 SO 222285 SO 131242 SO	L L L

K6GT	135	209	344	52	42796 SO	K6PUD	100	96	196	44	21648 SO L
NW6P	135	189	324	51	39856 SO	K6EAR	0	80	80	29	
K6WV	0	181	181	45	16245 SO	KD6OTC	0	40	40	25	
AC6YY	117	0	117	38	13338 SO Q	Stanisla		40	70	20	2000 00 L
N6GK	86	32	118	37	11877 SO	W6XK	285	0	285	47	40114 SO
W6PRI	123	24	147	27	11259 SO L	K6CSL	159	0	159	42	20034 SO L
AD6GI	46	0	46	21	2866 SO Q	KS5A	48	0	48	24	3420 SO L M
W6SC	55	0	55	14	2289 SO L	K6AQL	13	11	24	14	854 MS M
K6RFM	13	36	48	17	1844 SO L	N6MU K0DI				•	
K6RM	12	21	33	16	1248 SO Q	Sutter					
AE6RR	0	32	32	15	945 SO	W6HBU	0	69	69	27	3726 SO
W6EB	0	27	27	13	689 SO	W6EO,N6EN	540	120	660	55	102245 MS L
K6ZXU	0	6	6	3	36 SO L	W6OWH	5	272	277	54	30186 MS
WB6PVU	0	3	3	2	10 SO L	K6AQL	22	0	22	14	903 MS M
K6AQL	35	3	38	19	2080 MS M	NEMIT KUDI		·			
W6YX	1273	1877	3149	58	439089 MM	Tehama					
K6UFO N	17MH W6K	NS AA6XV	/ KG6RYB N	6DE		N6RNO	004	450	504	5 4	70400 140
Santa C	ruz					(+NO6X) Trinity	384	150	534	54	78408 MS L
	w ss	B tota	al Mult	Sco	ore	W6PZ					
K6XX	1144	1083	2227	58	324684 SO	(K6SRZ)	749	478	1227	58	185716 SO C
K6RB	771	0	771	55	127132 SO	Tulare					
W6ZZZ	0	101	101	23	4646 SO	N6YMM	0	305	305	52	31720 SO
My first CQI	P where I	nut in an	effort It w	as a lo	at of fun and	NK6A	106	9	115	38	12711 SO L
I can't wait fo			1CTN	as a 10	of full and	KS5A	79	0	79	31	7347 SO L M
Shasta						K6AQL	34	52	85	39	7936 MS M
WA6DON	0	1159	1159	58	134444 SO	Tuolumn	e				
KK6MM	0	145	145	32	9280 SO L	KI6PG	0	91	91	20	3640 SO L
N6RZR	0	112	112	34	7582 SO L	KS5A	31	0	31	19	1738 SO L M
K6LJC	13	83	96	32	6528 SO L	AF6CM	0	4	4	4	32 SO L C
Sierra						Ventura					
N6YEU	444	155	598	53	86893 SO L C	N6VR	201	235	436	55	58960 SO
N6S	0	133	133	45	11925 MS L M	W6C	248	76	323	47	41994 SO L
K6ST W Siskiyou						KD6PQF	0	87	87	34	5882 SO L
KJ6RA	45	759	804	57	94164 SO	WA6PZK WA6PZK KO	0 66TBR AB	839 6CF WA6Y	839 'EO K6WLC I	57 K0BGL	95646 MS
	_				37785 SO	Yolo					
WA6ST KI6LOL	0	344 66	344 66	55 23	3036 MS L	W6OT	188	318	506	55	65917 SO
	Q, K6NOD		00	23	3030 M3 L	K6AQL	45	5	50	25	3625 MS M
Solano						Yuba					
KD6WKY	306	193	499	55	71665 SO L	KI6BKM	0	75	75	27	4050 SO L
N6AJR	1	531	532	56	59584 SO	W6JAZ	787	914	1701	58	242875 MS
KE6QR	260	103	363	51	50286 SO L	W7DR, K6X		•	00	4.0	4404 140
KG6TT	46	0	46	6	819 SO L	K6AQL N6MU K0DI	29	0	29	13	1131 MS M
N6JS	0	1282	1282	58	148654 MS						
N6UUG N6 K6AQL	55 47	0	47	21	2961 MS M	This is a great					
N6MU K0D		U	41	۷1	2901 IVIS IVI	was a little far more of the or		ıy from C /7WHY	California so	o I cou	ıld work
Sonoma	1					•					
W6XU	866	902	1768	58	255229 SO	Little time to					and 40 were
WW6D	423	0	423	54	68445 SO L	only marginal	moin the	muwes	ı. wənDi	T1	
N6IE	32	532	564	58	67222 SO	TX FOR AN A					
W6IYS	180	0	180	45	24232 SO L	METERS. CC AND 15. NOT					
						11110 13.1101	. 55 50	J D D D D I N	~LIIV		

OPERATING ON SUNDAY MORNING..MISSED SHASTA FOR A SWEEP THIS YR. TX TO ALL WHO PARTICIPATED AND ORGANIZED THIS EVENT. 73s JERRY N4JF

Wow, what a grand time, and all the good ears, too. More fun that usual, even with the props different that usual. Used wire antennas and usually 4 watts, sometimes all the way to 5. WC7S

My First CQP. It was VERY FUN! I'll be back next year. N3A/7

K2, 5W, verticals. Great ops in CA. Thanks for working a weak signal! VA3RKM

I doubt any Ca. missed AL. this year..... The Alabama Contest Group (ACG) was well represented this year. One special thanks to k6aql for hanging in there with me on a couple counties I needed. 73 Bob WA1FCN

Great contest despite poor band conditions. K0GSV

Didn't even hear the 5 counties I missed. Good participation. KC5R

Closest I've ever come to a sweep, but STILL couldn't manage it! Fun as usual. See you next year. W1JQ

Always the best QSO Party - great ops! VE4YU

This is my second CW only entry in this contest and like last year enjoyed it and working all the Ops very much. VE3GSI

This is the first time I have tried this contest. I was surprised at how many different counties were on. Hearing the names brought back a lot of memories, as I once lived in at least 3 CA counties (Lang, Sjoa, and Humb) many years ago when I was K6QXC. I was delighted to get a clean sweep when I got Tuolomne county! W0OR

Every year I do better than the year before!! Great contest and at age 66 and a ham for 52 years, this is one of the greatest!! K5QQ

Had fun,1st CA QSO prty,missed by only 4 counties,hope to get them all next year,73 Neil AE1P

Thanks for a great contest! 20 meters was the workhorse from the east coast. Limited op. time again this year.

Attended a home made wine party! Missed a sweep by 11 counties. There's always next year! W1WIU

Had a really good time this year. Would love to see more mobiles out there! Special thanks to K6AQL and KS5A for some really great counties! NM2L

This was my first time to work the CQP. I had a blast and cannot wait until next year. KE5KWD

Thank you for putting on a great party as always. KS8O

2007 DX CQP Results

SO = Single Op, MS = Multi-Single, MM = Multi-Multi, L = Low Power; Q = QRP * = new CQP record

Canada Maritime

Maritime					
VE1OP	136	52	188	56	28588 SO L
VE1RGB	165	0	165	52	25662 SO L
Quebec					
VE2AWR	135	37	172	46	22034 SO L
VE2FK	77	0	77	34	7803 SO
VA2RIO	0	23	23	22	990 SO L
Ontario					
VE3UTT (W1AJT)	311	179	490	58	74791 SO
VE3XD	252	197	449	56	64344 SO L
VE3KF	228	107	334	57	51043 SO
VE3GSI	252	0	252	53	39988 SO L
VA3DX	156	114	270	55	38197 SO L
VA3DF	169	88	257	53	36146 SO Q
VE3RER	162	84	245	46	29969 SO
VE3AGC	113	106	219	51	28101 SO L
VE3OBU	119	58	177	55	25932 SO L
VE3CX	102	87	188	52	24830 SO
VE3OM	144	0	144	52	22386 SO L
VE3XAT	114	44	158	50	21500 SO L
VE3EJ	99	51	150	45	17955 SO
VE2AEJ	76	38	114	43	13072 SO L
VA3PC	0	131	131	49	12838 SO
VA3IX	59	45	104	45	12015 SO L
VA3OR	37	55	91	36	7866 SO L
VE3NB	0	95	95	41	7790 SO L
VE3DZ	54	12	66	33	6138 SO L
VE3TW	0	54	54	37	3996 SO L
VA3RKM	36	8	44	25	3100 SO Q
VE3JI	12	30	42	26	2470 SO
VE3KZ	8	27	35	26	2002 SO L
VA3HUN	24	0	24	17	1224 SO L
VE3MGY	19	0	19	13	741 SO L
VE3KPP	0	14	14	12	336 SO L
VA3QWW	0	13	13	8	208 SO L
VE3TPZ	0	10	10	10	200 SO L
VA3PL	0	8	8	7	112 SO L
VE3NCQ	0	6	6	5	60 SO L
VE3HG	224	396	620	58	84912 MS
Manatob	а				
VE4YU	148	145	293	58	42485 SO L
VE4EAR	0	172	172	55	18920 SO L
VA4TV	0	49	49	32	3136 SO

Saskatch	newai	n					LU4MHQ	29	0	29	25	2137 SO L
VE5BCS Alberta	5	144	149	50	15100 SO	L	PY2BN Asia	0	1	1	2	4 SO L
VE7QF	259	409	668	57	90915 SO	L	JH3PRR	91	0	91	43	11674 SO
VE6CNU	275	299	574	56	79688 SO	L	UA3AGW	25	0	25	22	1650 SO
VE6AO VE6TC, VA British C VE7SZ			263	51	26775 MS		Oceania VK2CZ ZL3TE					
(VA7RR)	332	784	1116	58	148654 SO		Europe					
VA7ST	224	90	314	52	44304 SO		OM2VL	80	8	88	35	8925 SO
VE7FCO	0	72	72	29	4176 SO	L	DL3GA	29	0	29	24	2088 SO
VA7GAP	0	45	45	23	2047 SO	L	OM3DX	29	0	29	21	1795 SO
VA7MJR	0	42	42	16	1328 SO	L	DL1VDL	29	0	29	20	1710 SO
VA7CPC	2	23	25	14	714 SO	L	OK1VD	25	1	26	21	1585 SO
Yukon/N							SM6Z	10	0	10	10	300 SO L
VY1JA	18	6	24	17	1122 SO L		SM5ACQ	7	0	7	8	156 SO L
		,		2/2			DL4AAE	5	0	5	5	75 SO L
North A		ca (n ³⁴³			nada) 36990 SO		I2UIY	3	0	3	3	27 SO

South America

PY2NY 65 66 131 44 14388 SO L

2007 California QSO Party (CQP) Summary Results

 $\mathbf{C}\mathbf{W}$

1031

1144

1002

332

379

338

813

1612

749

777

958

1037

989

835

695

325

343

259

502

250

594

1,026

379

PH

1550

1083

1301

784

598

579

1151

1894

478

181

802

434

530

208

440

295

409

174

214

343

398

QSOs

CW QSOs

387

SCORE

359,049

324,684

319,656

148,654

135,227

116,290

274,833

500,192

185,716

173,880

256,272

273,383

222,285

203.205

134,973

107,503

93,815

90,915

92,625

67,060

36,990

149,524

MULT

58

58

57

58

58

58

58

58

58

56

57

58

57

54

57

50

57

54

58

TOP 2 Single-Op Expeditions

TOP 3 CA

W6YI (N6MJ)

K6XX

K6NA (N6ED) TOP 3 Non-CA VE7SZ(VA7RR)

W1UE

N4PN

W6PZ (K6SRZ)

W6ML (W6KC)

AE6Y

K6VO

N6O

W6PT

N6D

K6AM

KM6Z

WD5K

W8MJ

VE7QF

W6JTI

N5DO

XE2K

W6RFU

W1UE

TOP CA Multi-Single

TOP CA Multi-Multi

QTH

San Diego

Santa Cruz

San Diego

BC

MA

GA

San

Contra Costa

(K6AW N6BV WA6O N6RO WX5S W6ZZZ OPS)

Trinity

Mono

Imperial

Del Norte

San Diego

Angeles TOP 3 Non-CA Single-Op running Low Power

Michigan

TOP 2 Single-Op QRP (CA and Non-CA) Humboldt

Texas

Mexico

UCSB

Single-Op with most SSB QSOs (CA and Non-CA)

Massachusetts

TOP Non-USA/Canadian entry

Top Schools (CA and Non-CA)

CA Mobile with most QSOs K6AQL (K0DI, N6MUops)

Texas

AB

TOP Multi-Single Expedition

(K6QK, N6EEG, K6ZH, NN6X, N7CW OPS) TOP Multi-Multi Expedition

(AC7ZG KI7Y N7ED N7MQ W7YAQ OPS) **TOP 3 CA Single-Op running Low Power** Santa Clara

Los

Bernardino (K6NR AD6OI K6RBS N6REG NJ6N KF6HVO ops)

••	Suit		INE WINNER	S ***	
California					
	1	W6YI (N6MJ)	San Diego	359,049	
	2	K6XX	Santa Cruz	324,686	
	3	K6NA (N6ED)	San Diego	319,656	
	4	K6LA	Los Angeles	315,808	
	5	AI6V (K2RD)	Nevada	315,462	
	6	WC6H	Calaveras	288,405	
	7	W6TK	San Luis	267,032	
			Obispo	,	
	8	N6TV	Santa Clara	257,607	
	9	W6XU	Sonoma	255,229	
	10	AD6E	Alameda	248,719	
	11	N6NZ	Mariposa	240,352	
	12	K6YT	Santa Clara	232,987	
		(W0YK)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	13	N6HC	Orange	232,759	
	14	K6RIM	Marin	232,174	
	15	AE6Y	Santa Clara	222,285	
	16	W6PH	Inyo	204,373	
	17	K6AM	San Diego	203.205	
	18	N6IJ(NI6T)	Monterey	195,170	
	19	NT6K	Modoc	190,936	
	20	W6PZ	Trinity	185,716	
		(K6SRZ)	,	,	
		Non-Calif	<u>ornia</u>		
	1	VE7SZ	BC	148,654	
		(VA7RR)			
	2	W1UE	MA	135,227	
	3	N4PN	GA	125,831	
	4	W0BH	KS	122,235	
ı	5	WD5K	TX	107,503	
	6	K4BAI	GA	95,589	
	7	K5KG	FL	95,091	
	8	W8MJ	MI	93,815	
	9	KH6LC	HI	91,031	
		(AH6RE)			
	10	VE7QF	AB	90,915	
	11	KO7X	WY	88,624	
	12	N8BJQ	ОН	87,145	
	13	K3TW	MD	81,896	
	14	VE6CNU	AB	79,688	
	15	WA0MHJ	MN	78,793	
	16	K0OU	MO	77,314	
	17	WA3HAE	PA	75,634	
	18	VE3UTT	ON	74,791	
	_	(W1AJT)		. ,	
	19	AA3B	PA	73,834	
	20	K4ZGB	AL	71,960	

W6YI (N6MJ)	San Diego	1,550	SSB QSOs
VE7SZ(VA7RR)	Ontario	784	SSB QSOs
Single-Op with	most CW QSOs	(CA and N	Non-CA)
N6TV	Santa Clara		CW QSOs

25 logs, 3,092,156 points Contest Club Ontario 22 logs, 497,347 points

TOP Club entries (CA and Non-CA) Mother Lode DX & Contest Club

First to 58 Awards (CA and Non-CA) W6TK Time: 20:24Z (4 hrs, 24min) W1UE Time: 00:23Z (8 hrs, 23min)

12 Store Buying Power!





IC-706MKIIG All Mode Transceiver

- 160-10M/6M/2M/70CM*
- HF/6M @ 100W. 2M @ 50W 70CM @ 20W
- 107 alphanumeric memories
- CTCSS encode/decode w/tone scan
- AM, FM, WFM, SSB, CW, RTTY w/DSP
- · And much more!



IC-746PRO All Mode Transceiver

- 160-2M* @ 100W
- 32 bit IF-DSP
- + 24 bit AD/DA converter • Selectable IF filter shapes
- for SSB & CW • Improved 3rd order

*Except 60M band. © 2005 Icom America Inc, The Icom logo is a registered trademark of Icom Inc. All specifications subject to change without notice or obligation.

- intercept point • CW memory keyer
- And much more!



IC-756PROIII All Mode Transceiver

- 160-6M @ 100W
- 32 bit IF-DSP
- Adjustable SSB TX bandwidth
- · Digital voice recorder
- RX: 30 kHz to 60 MHz
- Quiet, triple-conversion receiver
- Low IMD roofing filter
- 8 Channel RTTY TX memory
- And much more!



IC-7800 All Mode Transceiver

- 160-6M @ 200W
- Four 32 bit IF-DSPs
- + 24bit AD/DA converters
- · Two completely identical, independent receivers
- +40dBm 3rd order intercept point
- · And much more!



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