

February 2008 Results: North American CW Sprint

Tree Tyree, N6TR

Boring Amateur Radio Club

The 62nd North American CW Sprint took place February 3 UTC. We received 167 logs with 271 different call signs showing up in two or more logs. The contest returned to the first weekend in February to avoid a conflict with the growing CQ WPX RTTY Contest. While a few RTTY stations were active for the XE International RTTY Contest, the wall of RTTY signals on 40 meters was gone. Several top contenders made more than 150 QSOs on that band, and N6TV logged 160.

Conditions for many parts of the country were good, and 80 meters was exceptional for nearly everyone. Twenty meters turned out to be unkind to stations in the Northeast and the “black hole” of W8 and W9, however. As a consequence, the Top 10 scores that typically show up from those areas were missing. K5ZD summed it up very succinctly in his soapbox comment: *Blah!*

The Sprint QSY rule certainly has stood the test of time. This unique feature also has kept some recent technology “advances” at bay. For example, we have often joked about allowing packet spotting in the Sprint, of course. With stations QSYing every 30 seconds, it would be an exercise in futility. The recent *CW Skimmer* debate makes it clear, however, that this sort of technology could offer an advantage in finding multipliers that you otherwise may not work.

It almost didn’t occur to us to make any kind of a “ruling” about *CW Skimmer* for the Sprint. We just never thought of it as being an appropriate tool. Now it appears that it may be necessary to address this issue in the rules, however, since many stations soon may be equipped with this software. Which brings us to this: What do you think would be an appropriate stance regarding the use of skimmers in the Sprint? Let us know in your soapbox comments following the September running. I

hope we can reach a fair decision about how to proceed from there.

And now, the winners!

QRP

We received 12 logs in the QRP category. This only proves that as we get older, we either totally lose our instinct for self preservation or, perhaps, some of us are looking for a new challenge. Dale, KG5U, and Al, KC5R, battled for the top spot with fewer than six QSOs’ difference in their claimed scores. It turned into a nail biter as the gap narrowed to less than a QSO after log checking, but Dale hung on for another QRP victory. Jim, WT9U, had a fine score from the black hole, logging nearly 5000 points, followed by QRP veteran Dan, K7SS. Gene, KB7Q, Brian, NA4BW, and Yuri, VE3DZ. All posted scores greater than 4000 points from different corners of the continent. The competition for Top 10 QRP has never been this stiff, with more than 100 QSOs required to make the cut.

Low Power

We received 61 logs in the slightly more sane low power category. The Top 10 competition can only be described as fierce, with all scores between 10,000

Top 10 Scores

Call Sign	Score	Bnd Chgs	Qs Lost	00 Z	01 Z	02 Z	03 Z
W6YI	17235	78	5	111	106	91	76
N2IC	17100	2	0	107	89	90	94
N6TV	16920	76	0	104	103	89	80
N5AA	16638	171	2	107	88	80	79
N6TR	16468	70	4	88	102	97	72
K5TR	16168	150	2	113	93	95	75
N4OGW	15824	150	1	101	92	79	72
K1TO	15664	6	2	96	104	81	76
K4BAI	14960	2	2	94	92	76	79
NY4A	14960	133	5	95	91	85	70

Top 10 Single-Radio Scores

Call Sign	Score	Bnd Chgs	Qs Lost	00 Z	01 Z	02 Z	03 Z
N2IC	17100	2	0	107	89	90	94
K1TO	15664	6	2	96	104	81	76
K4BAI	14960	2	2	94	92	76	79
K6LL	14534	2	0	93	82	78	85
N6AA	14104	2	4	99	68	74	88
W5KFT	13803	2	7	80	87	80	76
W6YX	13552	12	0	74	79	80	75
N6AN	13502	4	0	87	76	72	79
K1KI	13356	2	0	90	87	67	74
K5KA	13332	2	1	71	82	80	70

and 12,000 points. Bruce, AA5B, put up enough temporary wires and produced a golden log to come out on top. Following closely were Doug, W9WI, Randy, KØEU, and Bud, N7CW. Fifth-place finisher Ray, WQ5L, once again made sure Mississippi was well represented, while Bert, N4CW, operating from his warmer QTH, came in sixth. It was good to hear Bruce, KØBJ, active from ZF2BJ. Bruce is rather new to this event, but he was all over the bands and sounded like a veteran. He just squeaked into the Top 10, right behind N5DO, KA9FOX and NA4K.

High Power

During the history of this contest, only a group of 10 elite operators has been able to win two or more CW sprints (see “CW Sprint Records Through February 2008”). For the first time in a long time, however, it appears there has been a shift of the “balance of power,” and the chairs at the Sprint elite table will have to be squeezed together to make room for Daniel Craig, N6MJ, who has put together back-to-back victories. These also represent only the third and fourth victories ever from California, but now it’s on record behind Texas, Oregon and Georgia as the most

Table 1 — All-Time CW Sprint Records

Category	Total	Call Sign	Contest
Highest Multiplier	55	K9AA (K9PG)	Feb 2000
Highest QSO Total	428	N6TR/7	Feb 2005
Highest Score	21,816	K4AAA (W4AN)	Sep 2003
Highest Team Score	163,373	SCCC #1	Feb 2002
Highest Low Power	15,741	K7RI (K7SS)	Feb 2003
Highest QRP	10,800	K7RI (K7SS)	Feb 2002
Logs Received	209		Sep 2003
Number Golden Logs	18		Feb 2008
Number logs ≥ 300	52		Feb 2003

likely place from which to win a CW Sprint. Only three QSOs behind, Steve, N2IC/5, racked up one of the most amazing single-radio scores ever with 380 QSOs in his golden log and just two band changes. Bob, N6TV, came in third with a very solid performance — more than 100 QSOs on each band and the top 40-meter total. N5AA, with Jim, N3BB, at the key would be the first to admit he had luck working for him as he leveraged his 47 multipliers to come in fourth and edge out his nemeses, Tree and Gator, aka the “TR Twins,” N6TR and K5TR (N5RZ operator). Tor, N4OGW, made his first high power Top 10 finish by placing seventh. The Southeast was well represented with K1TO, K4BAI and NY4A (N4AF operator) finishing out the box.

The February Sprint marked one of those times when participants in the Northeast were totally shut out of the Top 10. K5ZD, K1KI and N2NT all had a rough go.

Team Competition

Another indicator of the strong showing from the Southeast was the first-place finish by the Southern Sprint Coalition #1 team. Second place went to the NCCC, and the Austin Powers Hipsters came in third. Team registration seemed down somewhat at 15. We hope to see this statistic rebound for the September event. Organizing a team is a great way to support this contest by encouraging activity.

Golden Logs

No fewer than seven stations made the golden log list with more than 300 QSOs! In fact, two of the top three scorers had golden logs. A total of 18 stations made the golden log box — a new record for the contest — besting by one the mark set in September 2003.

Records

Nine new score records were established this time around. Doug, KR2Q, upped his New Jersey QRP score record from last year, as did Brian, NA4BW, from Georgia. Tor, N4OGW, eclipsed the WQ5L high power score for Mississippi set in 2000. Bruce, AA5B, surpassed the 1999 New Mexico low power record set by the late N6ZZ. Two new records were established for Arizona: Bud, N7CW, set a new low power record, and Gene, KB7Q, improved on his two-year-old QRP record. Jim, WT9U, submitted the first-ever QRP score from Indiana, while Randy, KØEU, erased the six-year-old low power record for Colorado set by WØETT. Finally, Bruce, KØBJ, operating as ZF2BJ, posted the first low power score from Grand Cayman.

Next Time

The next CW Sprint will take place

September 7 UTC (Saturday, September 6, local time in North America).

To register your team, use the NCJ Web page, www.ncjweb.com. Logs can be submitted via e-mail to cwsprint@kkn.net or by using the log submission form on the NCJ Web site. *Logs are due seven days after the contest!* Final scores are typically available within two weeks of the contest and are posted on the NCJ Web site and announced on the CQ-Contest reflector.

Check out the Sprint Web resources at <http://n6tr.jzap.com/sprint.html> and rules, records and previous results on the NCJ Web page, www.ncjweb.com. The CQ-Contest reflector also is a great place to ask questions about this event. Visit <http://lists.contesting.com/mailman/listinfo/CQ-Contest>.

Soapbox

KØUK: I had a banquet to attend about one hour into the contest. 20 meters was better than it's been this time of day for a long time. East and West Coasts coming in.

K1AR: My “AR” dipole works pretty well.

K1HT: After sitting out 2007 because of scheduling conflicts, it was good to participate again. I had exactly the same number of QSOs and mults as in February 2006.

K1ZZ: Lost 5 minutes at the start because I had loaded the wrong message memory setup.

K2KW: My 10-foot high 20 meter inverted V barely gets out. Congrats to all who copied my signal. 20 started out weak but quickly picked up. Almost no one could hear me on 40.

K4FXN: Hope everyone worked KY! I didn't! de K4FXN in Kentucky

K5WA: I entered a new category: SO1R

NALP (no antennas, low power). I've sold the house where my tower was located and just *had* to get on for Sprint with my new K3. Unfortunately, no antennas are allowed at my home, so a quarter-wave wire for 80, 40 and 20 is hiding along side a pine tree in the front yard. Amazingly, 80 was my *big* band. I guess that means my 20 meter antenna is below bad. I also tried TR4W (TR Log for Windows). I think it will end up being a good program, but it is very early in its development. Thanks to everyone who pulled me out of the mud.

K5ZD: Blah!

K6UFO: Another character-building QRP experience. Ouch! It took 9 minutes to get my first QSO, but after that it wasn't too

CW Sprint Winners	Total Victories
N5TJ	15 (2 ties)
N6TR	11
W4AN (SK)	6
K5ZD	5
N2NT	3
K3LR	3
N2IC	3 (2 ties)
K1TO	3
K1KI	2
K5GN	2
N6MJ	2
N6BT	1
K3UA	1
K1AR	1
K6LL	1 (tie)
WØUA	1 (tie)
K5GA	1
NN1N	1
N5RZ	1
N2NL	1
N9RV	1

TOP 10 QSOs

W6YI	383
N2IC	380
K5TR	376
N6TV	376
N6TR	358
K1TO	356
N5AA	354
N4OGW	344
K4BAI	340
NY4A	340

TOP 10 MULTS

N5AA	47
K5ZD	46
N4OGW	46
N6TR	46
K5NZ	45
N2IC	45
N6TV	45
N8AA	45
WØYK	45
W6YI	45

TOP 10 Low Pwr

AA5B	11928
W9WI	11868
KØEU	11592
N7CW	11524
WQ5L	11029
N4CW	10836
N5DO	10458
KA9FOX	10277
NA4K	10019
ZF2BJ	10004

TOP 10 QRP

KG5U	6864
KC5R	6840
WT9U	4902
K7SS	4320
KB7Q	4218
NA4BW	4148
VE3DZ	4032
WI9WI	3536
K6UFO	3520
KR2Q	3441

GOLDEN LOGS

N2IC	380
N6TV	376
K6LL	338
K1KI	318
N6AN	314
W6YX	308
N9CK	303
AA5B	284
N4ZZ	276
W9WI	276
K8GU	220
VE3DZ	112
K3STX	110
K9GY	53
VE3RCN	48
N6TW	11
K6ZCL	9
N5OT	7

TOP 10 Band Changes

N5AA	171
K5TR	150
N4OGW	150
W4PA	142
N2NT	137
NY4A	133
AA3B	108
N6RO	94
K5NZ	90
N4ZZ	88

so lots of S&P. I dreaded moving up to 40 and then 80, where I feel weak with just a wire. But the QSO numbers and rate sheet say I should've moved sooner — live and learn. As QRP, I feel like I'm getting mashed by the big signals and beaten in all the pileups, but I'm happy anytime to break 100 QSOs in a QRP Sprint. While it's usually strong signals that can be worked, there are always some good ears out there to surprise me. Very nice to work ZF2BJ while QRP!

K9NW: Conditions quiet, but the bands were long from W9.

K9WWT: Expand the contest time to 6 hours and include 160.

K9ZO: Line noise over S9, but got on anyway.

KA3DRR: Fast and fun! Tied my QSO total from last year but scored less points. I missed valuable multipliers on 20 and 40. I'm looking forward to improving my score in the fall. Thanks again for a great contest.

KA9FOX: 20 meters was awful from here, especially running low power. 80 meters almost made up for it. Started working 80 meters in the second hour!

KB7Q: On our way again to visit Mexico. Stopped with the RV in Casa Grande to do the Sprint and see if I could up the Arizona QRP record.

KO7X: Missed SD and VE2.

KR2Q: Spent the first 10 minutes on phone wondering where everybody was.

Just finished building the K3 this morning, so this was the first trial run.

KV8Q: Very happy with this effort. Thanks for everyone being patient with me. Sorry if I got things out of sequence now and then. I appreciate all of the Qs. Hope to see you all next time. Conditions were pretty good from here, although 40 and 80 were long.

N1LN: First time back after more than a year away. Conditions were good but 20 was strange from my QTH. Lots of great ops out there and some super scores to show it. It was quite frustrating to make a call and miss. Unfortunately, that ended up throwing off whatever rhythm I was able to get into, and the rate suffered. Still antenna work to be done to help with the first-call percentages. Thanks for the fun.

N6AN: Despite a late start and sharing the shack for the first hour with an SSB operation I finally broke 300 again. Nice feeling! Now to figure out how to make 22 QSOs in the first 10 minutes. Way to go, Gator! Thanks for the rip-roaring good time, all!

N6TV: Great conditions, lots of activity. Everyone sounded so *loud* (except the QRP guys). Station upgrades finally paying off.

N6WG: This turned out to be more fun than I expected, with fairly good conditions. I made my second-best score to date, since my best back in February 2005. I finally found my groove by using the VFO

A/B switch on my K2 to jump back and forth between two frequencies and CQing like crazy on them. I'd check around each frequency for an S&P target, but if nothing found, hit the CQ button and let 'er roll. I had a number of periods where I'd get a call at least once every minute for 6 or 7 minutes at a time. These mini-runs are a big deal at QRP. I was pleasantly surprised to get a call from ZF2BJ while CQing on 40. He was the only Caribbean signal I heard. I was pretty much focused on W and VE call signs that I had a reasonable chance to work. Now that I'm starting to figure this out, I'm looking forward to the September CW run. Thanks for the QSOs and the patience while I fumbled with the keyboard.

N6XI: Tough condx here: 20 had spotlight propagation, low population and closed early. 80 had precip static for the last 30 minutes.

N9RV: Came home in second hour to find 20 in the tank. Other bands were decent. Congrats to the high scorers.

NO5W: Great fun as always with lots of activity and some great CW ops. The Thursday night practice sessions seemed to pay off, as I wasn't nearly as fumble-fingered at the start — thanks, NCCC. I heard one station giving the Thursday night CQ NS call instead of NA throughout most of the contest. 40 was its usual chaos when I went there after about an hour, but

Team Scores

Southern Sprint Coalition #1		Northern California Contest Club #1		Austin Powers Hipsters		YCCC #1	
K1TO	15664	N6TV	16920	N5AA	16638	K5ZD	14628
K4BAI	14960	K6XX	14212	K5TR	16168	K1KI	13356
NY4A	14960	N6RO	13948	N4OGW	15824	K1ZZ	12513
W4PA	14916	W6YX	13552	K5NZ	14535	K1DG	11890
W4NZ	12427	KF6T	12814	W5KFT	13803	K1EA	11362
KU8E	12040	N6XI	11968	K5OT	12685	W1UE	8320
N2NL	11685	W6RGG	11266	KZ5D	12452	K1HT	8284
K4NO	11172	AJ6V	10520	W0BH	11132	N1BAA	7956
N4OX	10608	NI6T	10200	K5MR	5587	W1EBI	6536
K4FXN	10120	W6CT	7995			N2GC	2958
Total	128552	Total	123395	Total	118824	Total	97803

5.	SCCC #1 (W6YI, K6LL, W6EEN, N6AA, N6AN, N6VR, W6SJ, K6LA).....	94950
6.	SMC Snow (N9CK, KE9I, K0OU, KA9FOX, K8GU, K9MMS, WT9U, WI9WI, K9KM, K9GY).....	73199
7.	YCCC #2 (N2IC, N6TR, N2NT, K1AR).....	57424
8.	Lowfers (WQ5L, N5DO, N9NB, KU5B, KG5U, K5WA, NO5W).....	55038
9.	MR/NC (K9NW, N8AA, N8EA, K8MR, KL7RA, ND8L, K2UA, KL7WV, K3UA).....	53521
10.	CCO (VE3EJ, VE3NE, VA3NR, VE3EY, VE3XB, VE3DZ, VE3RCN).....	47950
11.	NCCC #2 (W0YK, N3ZZ, K6SRZ, K6DGW, NW6P, W6SX, N6WG, W6NF, K6CSL).....	46321
12.	SSC #2 (NA4BW, K0EJ, K2SX, AA4GA).....	11429
13.	NCCC #3 (W6OAT, K6OWL, K6NV).....	7542
14.	SMC Ice (N9FC, K9ZT, WW9R, KK9V).....	4768
15.	SCCC #2 (NE6I, W6TK, K6ZCL).....	2250

GUEST OPERATORS

K3CR (LZ4AX); K5OT (@K5NA); K5TR (N5RZ); KL7WV (W3YQ); N5AA (N3BB); N5DO (@KE5OG); NY4A (N4AF); W1MX (K2TJ); W5KFT (K5PI); W6CT (@K6TD); W6EEN (N6RT); W6YI (N6MJ); W6YX (N7MH); ZF2BJ (K0BJ)

it turned out to be the money band since I'm still antenna bankrupt on 80. Included in the 40 meter Sprint chaos was a good bit of RTTY QRM fairly low in the band, which I thought the change of date was supposed to address. Still my favorite contest.

WØETT: XYL set us up for dinner at local restaurant right at 0000 Z. Ouch! So, got only 2:40 in the test. 40 and 80 were

very good here.

W6RGG: Thanks to Chuck, AA6G, for the use of his fine station.

W7TMT: First CW Sprint since 1993. Now I remember why. I will, however, be back for more. What a rush!

WI9WI: My home amplifier is in J7 in preparation for our J7DX operation in ARRL CW, so in a burst of insanity I decided to give QRP a try. Major struggle,

got beat out in every pileup, lots of repeats and zillions of unanswered CQs. I got a little smarter near the end, and if 4 or 5 CQs went unanswered I started S&P again. I'll probably do this again, but in the fall when 20 is open a lot longer, and from my cabin where I have lots better antennas.

WT9U: First try at QRP in this contest, hoping to set a record.

Scoring Summary

Call Sign	Name	QTH	20	40	80	QSOs	Mults	Score	Team	Call Sign	Name	QTH	20	40	80	QSOs	Mults	Score	Team
K5ZD	RANDY	MA	76	124	118	318	46	14628	YCCC #1	N5OT	MARK	OK	7	0	0	7	6	42	
K1KI	TOM	CT	100	109	109	318	42	13356	YCCC #1	W6Y1	JIM	CA	115	153	115	383	45	17235	SCCC #1
K1ZZ	DAVE	CT	85	87	119	291	43	12513	YCCC #1	N6TV	BOB	CA	102	160	114	376	45	16920	NCCC #1
K1DG	DOUG	NH	84	96	110	290	41	11890	YCCC #1	K6XX	BOB	CA	97	122	104	323	44	14212	NCCC #1
K1EA	KEN	MA	80	109	110	299	38	11362	YCCC #1	W6EEN	DOUG	CA	89	133	99	321	44	14124	SCCC #1
K1AR	JOHN	NH	43	88	104	235	42	9870	YCCC #1	N6AA	DICK	CA	123	109	96	328	43	14104	SCCC #1
W1UE	DENNIS	MA	45	80	83	208	40	8320	YCCC #1	N6RO	KEN	CA	86	121	110	317	44	13948	NCCC #1
K1HT	*DAVE	MA	43	91	84	218	38	8284	YCCC #1	W6YX	MIKE	CA	90	116	102	308	44	13552	NCCC #1
N1BAA	*JOSE	MA	43	68	93	204	39	7956	YCCC #1	N6AN	REX	CA	103	122	89	314	43	13502	SCCC #1
W1MX	ANDY	MA	34	72	94	200	36	7200		KF6T	JACK	CA	78	127	93	298	43	12814	NCCC #1
W1EBI	LACI	MA	14	83	75	172	38	6536	YCCC #1	N6VR	RAY	CA	103	117	81	301	42	12642	SCCC #1
N2NT	ANDY	NJ	76	136	121	333	42	13986	YCCC #2	N6XI	RICK	CA	48	134	90	272	44	11968	NCCC #1
W2LC	SCOTT	NY	74	87	73	234	38	8892		W6RGG	BOB	CA	56	109	97	262	43	11266	NCCC #1
KR2Q	**DOUG	NJ	24	56	31	111	31	3441		WØYK	ED	CA	0	142	102	244	45	10980	NCCC #2
N2GC	LACI	NY	0	15	72	87	34	2958	YCCC #1	AJ6V	ED	CA	100	106	57	263	40	10520	NCCC #1
K2UA	RUS	NY	0	14	70	84	33	2772	MR/NC	N3ZZ	TOM	CA	75	82	75	232	38	8816	NCCC #2
K3CR	ALEX	PA	78	107	107	292	44	12848		W6CT	SCOTT	CA	65	90	40	195	41	7995	NCCC #1
AA3B	BUD	PA	56	113	116	285	43	12255		K6SRZ	ALAN	CA	51	63	58	172	39	6708	NCCC #2
K3WW	CHAS	PA	70	87	107	264	40	10560		K6DGW	SKIP	CA	52	68	42	162	37	5994	NCCC #2
W3KB	*KEITH	PA	32	65	54	151	35	5285		W6SJ	*RANDY	CA	46	59	44	149	37	5513	SCCC #1
K3STX	PAUL	MD	10	26	74	110	33	3630		NW6P	TOM	CA	56	63	33	152	35	5320	NCCC #2
K3KU	*ART	MD	7	18	19	44	24	1056		W6SX	HANK	CA	0	46	77	123	36	4428	NCCC #2
K3UA	*PHIL	PA	7	44	0	51	19	969	MR/NC	K6UFO	**MORK	CA	35	44	31	110	32	3520	
NS3T	*JAY	MD	0	13	31	44	20	880		W6OAT	RUSTY	CA	62	37	0	99	34	3366	NCCC #3
K1TO	DAN	FL	96	146	114	356	44	15664	SSC #1	K6LA	KEN	CA	79	24	0	103	32	3296	SCCC #1
K4BAI	JOHN	GA	109	121	110	340	44	14960	SSC #1	N6QQ	JOHN	CA	29	40	19	88	33	2904	
NY4A	AL	NC	94	129	117	340	44	14960	SSC #1	K6OWL	*MARK	CA	23	44	19	86	28	2408	NCCC #3
W4PA	SCOTT	TN	75	143	121	339	44	14916	SSC #1	N6WG	**BOB	CA	27	23	33	83	27	2241	NCCC #2
W4OC	DON	SC	97	112	104	313	41	12833		NE6I	*DENNIS	CA	55	7	0	62	29	1798	SCCC #2
W4NZ	TED	TN	74	105	110	289	43	12427	SSC #1	K6NV	BOB	CA	16	6	46	68	26	1768	NCCC #3
KU8E	JEFF	GA	78	99	103	280	43	12040	SSC #1	KA3DRR	*SCOT	CA	12	16	13	41	18	738	
N4ZZ	DON	TN	71	103	102	276	43	11868		W6TK	*DICK	CA	0	11	14	25	17	425	SCCC #2
W9WI	*DOUG	TN	62	106	108	276	43	11868		K6CSL	*BERT	CA	12	8	4	24	16	384	NCCC #2
N2NL	DAVE	FL	62	140	83	285	41	11685	SSC #1	K6ZCL	*TED	CA	3	5	1	9	3	27	SCCC #2
K4NO	GREG	AL	60	103	103	266	42	11172	SSC #1	N6TR	TREE	OR	84	152	122	358	46	16468	YCCC #2
N4CW	*BERT	NC	74	114	70	258	42	10836		K6LL	DAVE	AZ	114	123	101	338	43	14534	SCCC #1
N4OX	JAY	FL	84	99	89	272	39	10608	SSC #1	KO7AA	BILL	AZ	108	127	81	316	42	13272	
K4FXN	DAN	KY	59	100	94	253	40	10120	SSC #1	N7CW	*BUD	AZ	61	109	98	268	43	11524	
N1LN	BRUCE	NC	76	93	82	251	40	10040		KN5H	STEVE	AZ	66	107	82	255	41	10455	
NA4K	*STEVE	TN	57	80	96	233	43	10019		KO7X	AL	WY	74	103	78	255	41	10455	
N9NB	*TED	VA	40	90	76	206	42	8652	Lowfers	K4XU	DICK	OR	38	99	91	228	41	9348	
K1GU	*NED	TN	51	77	71	199	41	8159		N9RV	PAT	MT	24	86	78	188	39	7332	
K4MX	*JERI	VA	30	74	87	191	41	7831		K7S	**DAN	WA	53	55	27	135	32	4320	
N5VI	*VAN	GA	40	49	82	171	36	6156		KB7Q	**GENE	AZ	61	51	2	114	37	4218	
NA4BW	**BRIAN	GA	31	34	57	122	34	4148	SSC #2	KL7RA	RICH	AK	54	67	0	121	27	3267	MR/NC
KØEJ	*MARK	TN	27	53	37	117	35	4095	SSC #2	K7WA	*JIM	WA	18	66	18	102	29	2958	
N4LF	*LEX	FL	10	14	38	62	30	1860		W7TMT	*PAT	WA	21	39	34	94	25	2350	
K2SX	DENNIS	SC	0	0	59	59	28	1652	SSC #2	W6NF	*JACK	NV	5	16	37	58	25	1450	NCCC #2
AA4GA	*LEE	GA	18	26	15	59	26	1534	SSC #2	KL7WV	TIM	AK	45	30	0	75	18	1350	MR/NC
KC4HW	*JIM	AL	0	59	0	59	25	1475		N6TW	LARRY	OR	3	4	4	11	7	77	
N2WN	*JULES	TN	0	32	0	32	19	608		W3CP	*JIM	OR	8	0	0	8	7	56	
N2IC	STEVE	NM	118	140	122	380	45	17100	YCCC #2	N8AA	JOHN	OH	55	67	133	255	45	11475	MR/NC
N5AA	JIM	TX	81	159	114	354	47	16638	Hipsters	N8EA	JOE	MI	60	64	112	236	42	9912	MR/NC
K5TR	GEO	TX	102	154	120	376	43	16168	Hipsters	KV8Q	*TOM	OH	46	57	94	197	40	7880	
N4OGW	TOR	MS	81	146	117	344	46	15824	Hipsters	K8MR	JIM	OH	56	44	92	192	39	7488	MR/NC
K5NZ	MIKE	TX	78	139	106	323	45	14535	Hipsters	W8UE	*TED	MI	1	30	63	94	35	3290	
W5KFT	ROB	TX	89	105	127	321	43	13803	Hipsters	NDBL	*RAY	OH	32	45	25	102	29	2958	MR/NC
K5KA	KEN	OK	60	125	118	303	44	13332		K8GT	*AL	MI	16	32	46	94	30	2820	
K5OT	LARRY	TX	74	120	101	295	43	12685	Hipsters	K2KW	*KEN	OH	46	3	0	49	16	784	
KZ5D	ART	LA	90	85	108	283	44	12452	Hipsters	K9NW	MIKE	IN	73	109	128	310	43	13330	MR/NC
AA5B	*BRUCE	NM	85	104	95	284	42	11928		N9CK	STEVE	WI	68	102	133	303	43	13029	SMC Snow
WQ5L	*RAY	MS	77	97	95	269	41	11029	Lowfers	KE9I	JERRY	IN	68	92	111	271	44	11924	SMC Snow
N5DO	*DAVE	TX	73	93	83	249	42	10458	Lowfers	K9BGL	KARL	IL	60	99	106	265	43	11395	
KU5B	*BOB	TX	52	82	66	200	39	7800	Lowfers	KA9FOX	*SCOTT	WI	40	82	117	239	43	10277	SMC Snow
KG5U	**DALE	TX	38	74	64	176	39	6864	Lowfers	K8GU	*BOB	IL	29	93	98	220	41	9020	SMC Snow
KC5R	**AL	LA	33	65	73	171	40	6840		K9ZO	RALPH	IL	60	57	93	210	40	8400	
K5UV	*MIKE	OK	42	65	69	176	37	6512		K9MMS	*GARY	IL	34	76	71	181	34	6154	SMC Snow
K5WA	*BOB	TX	44	49	62	155	37	5735	Lowfers	WT9U	**JIM	IN	38	16	75	129	38	4902	SMC Snow
K5MR	STEVE	TX	16	135	0	151	37	5587	Hipsters	N9FC	JOHN	IN	8	28	58	94	39	3666	SMC Ice
NO5W	*CHUCK	TX	42	83	0	125	36	4500	Lowfers	WI9WI	**JIM	WI	18	44	42	104	34	3536	SMC Snow

Call Sign	Name	QTH	20	40	80	QSOs	Mults	Score	Team	Call Sign	Name	QTH	20	40	80	QSOs	Mults	Score	Team
W9RE	*MIKE	IN	0	22	67	89	36	3204		KØUK	BILL	CO	29	12	0	41	20	820	
K9KM	*HOWIE	IL	0	34	63	97	32	3104	SMC Snow	VE3EJ	JOHN	ON	75	71	111	257	42	10794	CCO
K9WWT	GEORGE	IN	0	33	24	57	23	1311		VE3NE	LALI	ON	76	71	94	241	39	9399	CCO
K9GY	*YODA	IL	12	41	0	53	15	795	SMC Snow	VA3NR	CHRIS	ON	42	87	83	212	40	8480	CCO
K9ZT	*BUD	WI	9	20	8	37	12	444	SMC Ice	VE3EY	*NICK	ON	51	55	97	203	38	7714	CCO
WW9R	*PAT	WI	0	17	11	28	13	364	SMC Ice	VE3XB	*YURI	ON	52	48	75	175	37	6475	CCO
KK9V	**MIKE	IN	0	6	15	21	14	294	SMC Ice	VE6EX	DAN	AB	48	77	47	172	37	6364	
KØEU	*RANDY	CO	62	115	99	276	42	11592		VE3DZ	**YURI	ON	12	33	67	112	36	4032	CCO
WØBH	BOB	KS	40	88	125	253	44	11132	Hipsters	VE6CNU	*JERRY	AB	31	50	30	111	32	3552	
KØOU	STEVE	MO	41	105	103	249	42	10458	SMC Snow	VA7ST	*BUD	BC	18	44	0	62	22	1364	
NAØN	*PAT	MN	42	78	93	213	38	8094		VE3RCN	*KEVIN	ON	13	25	10	48	22	1056	CCO
WØET	*KEN	CO	2	102	62	166	41	6806		ZF2BJ	*BRUCE	ZF	86	78	80	244	41	10004	
ACØDS	*CRAIG	CO	19	55	41	115	33	3795											
ABØS	*TIM	KS	5	34	37	76	31	2356											

*low power
**QRP)

CW Sprint Records Through February 2008

QTH	Pwr	Date	Call Sign	20	40	80	QSOs	Mults	Score	QTH	Pwr	Date	Call Sign	20	40	80	QSOs	Mults	Score
										SC	L	Sep 2003	W4OC	87	92	116	295	50	14,750
										SC	Q								
CT	H	Sep 2003	K1KI	153	132	84	369	50	18,450	TN	H	Sep 2003	W4PA	134	163	96	393	51	20,043
CT	L	Sep 1999	NT1N	122	115	43	280	49	13,720	TN	L	Sep 2003	K4AMC	77	127	66	270	47	12,690
CT	Q									TN	Q								
MA	H	Feb 2003	K5ZD	136	144	85	365	54	19,710	VA	H	Sep 1989	KT3Y	95	122	79	296	48	14,208
MA	L	Feb 2003	K1HT	72	106	114	292	50	14,600	VA	L	Feb 2003	K7SV	84	101	115	300	52	15,600
MA	Q	Sep 2003	NB1B	75	29	3	107	33	3531	VA	Q	Sep 2007	WA4PGM	38	54	50	142	36	5112
ME	H	Sep 2007	N1LI (K1DG)	102	115	69	286	45	12,870	AR	H	Feb 2000	K5GO	81	117	80	278	50	13,900
ME	L	Sep 2006	N1LI (K1DG)	89	106	49	244	43	10,492	AR	L	Sep 2007	K5GO	99	82	78	259	44	11,396
ME	Q									AR	Q								
NH	H	Feb 2003	K1DG	129	119	83	331	50	16,550	LA	H	Feb 1995	W5WMU (K5GA)	105	115	86	306	48	14,688
NH	L	Feb 2002	K1BX	131	76	62	269	47	12,643	LA	L	Feb 2004	W5EKF	43	67	18	128	40	5120
NH	Q	Feb 2003	AB1AV	2	0	0	2	2	4	LA	Q	Sep 2007	KC5R	95	66	17	178	39	6942
RI	H	Feb 2002	K1IG	122	95	93	310	47	14,570	MS	H	Feb 2008	N4OGW	81	146	117	344	46	15,824
RI	L	Feb 2004	AJ1M	7	6	0	13	13	169	MS	L	Feb 2005	WQ5L	95	101	57	253	40	10,120
RI	Q	Sep 2006	KO1H	10	8	0	18	9	162	MS	Q	Feb 2002	WA2NYR	30	16	0	46	26	1196
VT	H	Feb 2004	NT1Y (W4PA)	116	175	47	338	48	16,224	NM	H	Feb 2003	N6ZZ	133	153	65	351	52	18,252
VT	L	Sep 1999	W1EAT	38	33	33	104	35	3640	NM	L	Feb 2008	AA5B	85	101	95	284	42	11,928
VT	Q	Sep 2004	WT1L	18	2	18	38	21	798	NM	Q	Feb 2002	W5YA	121	75	28	224	42	9408
NJ	H	Feb 2003	N2NT	88	158	134	380	51	19,380	OK	H	Sep 2003	K3LR	131	133	88	352	48	16,896
NJ	L	Feb 1999	K2SQ	94	101	85	280	46	12,880	OK	L	Sep 1998	K5KA	79	89	62	230	40	9200
NJ	Q	Feb 2008	KR2Q	24	56	31	111	31	3441	OK	Q	Sep 2004	K5KA	91	69	52	212	43	9116
NY	H	Feb 2002	K2UA	113	123	85	321	50	16,050	TX	H	Feb 2000	N5TJ	148	137	96	381	52	19,812
NY	L	Sep 2004	K2KQ	80	94	56	230	46	10,580	TX	L	Sep 1998	N5TJ	141	111	80	332	46	15,272
NY	Q									TX	Q	Feb 2000	KG5U	122	60	22	204	47	9588
DE	H	Sep 1989	KN5H	98	102	72	272	46	12,512	CA	H	Feb 2003	W6EEN (N6RT)	150	147	81	378	54	20,412
DE	L	Feb 2002	N8NA	107	79	76	262	45	11,790	CA	L	Feb 2004	N6MJ	106	158	77	341	50	17,050
DE	Q	Sep 1999	N3DEL	6	1	0	7	5	35	CA	Q	Feb 2002	K6III	122	27	4	153	48	7344
MD	H	Sep 1989	W3LPL	120	110	80	310	47	14,570	AK	H	Feb 2000	KL9A	139	63	0	202	47	9494
MD	L	Sep 2002	K3MM	95	95	71	261	40	10,440	AK	L	Sep 2007	K6VVA/KL7	68	30	18	116	34	3944
MD	Q	Sep 2002	K3ESE	19	35	0	54	17	918	AK	Q	Sep 2003	N6TR/KL7	1	0	0	1	1	1
PA	H	Sep 2004	K3NM (N2NC)	131	116	91	338	49	16,562	AZ	H	Feb 2000	K6LL	178	144	42	364	50	18,200
PA	L	Sep 2003	W1NN	87	83	59	229	46	10,534	AZ	L	Feb 2008	N7CW	61	109	98	268	43	11,524
PA	Q	Sep 2007	K3MJW	7	27	49	83	27	2241	AZ	Q	Feb 2008	KB7Q	61	51	2	114	37	4218
AL	H	Feb 2004	K4NO	115	98	67	280	48	13,440	ID	H	Feb 2000	W7ZRC	123	107	44	274	45	12,330
AL	L	Sep 2003	K4IQJ	70	89	60	219	44	9636	ID	L	Feb 2001	W7UQ (KL9A)	144	88	44	276	48	13,248
AL	Q	Feb 1998	KJ3V	0	8	0	8	7	56	ID	Q								
FL	H	Feb 2003	N2NL	151	139	67	357	55	19,635	MT	H	Feb 1996	AB7BG	50	100	88	238	40	9520
FL	L	Sep 2003	KØLUZ	118	132	0	250	47	11,750	MT	L	Feb 1998	K7BG	79	105	89	273	43	11,739
FL	Q	Sep 1999	N4BP	119	51	0	170	34	5780	MT	Q	Sep 2007	KB7Q	29	54	67	150	36	5400
GA	H	Sep 2003	K4AAA (W4AN)	146	170	88	404	54	21,816	NV	H	Feb 2000	K7BV	106	141	43	290	50	14,500
GA	L	Feb 2003	KU8E	42	124	81	247	48	11,856	NV	L	Feb 2000	KU7Y	88	116	0	204	45	9180
GA	Q	Sep 2007	NA4BW	24	38	38	100	34	3400	NV	Q	Feb 1999	KU7Y	59	69	20	148	40	5920
KY	H	Sep 1998	K4LT	82	107	92	281	44	12,364	OR	H	Feb 2003	N6TR	172	142	79	393	52	20,436
KY	L	Feb 2002	K4FXN	103	98	53	254	45	11,430	OR	L	Feb 2003	K4XU	121	110	46	277	47	13,019
KY	Q									OR	Q								
NC	H	Sep 2003	N4AF	98	129	115	342	49	16,758	UT	H	Sep 1991	K6XO	128	93	42	263	44	11,572
NC	L	Feb 1995	K7GM	73	101	69	243	45	10,935	UT	L	Sep 1995	AH3C	59	91	65	215	38	8170
NC	Q	Feb 1998	W4WS (N4VHK)	13	23	13	49	24	1176	UT	Q	Feb 2003	NC7J	101	96	38	235	45	10,575
SC	H	Sep 2003	W4OC	108	107	83	298	46	13,708	WA	H	Feb 2003	W7WA	133	113	54	300	49	14,700

QTH	Pwr	Date	Call Sign	20	40	80	QSOs	Mults	Score	QTH	Pwr	Date	Call Sign	20	40	80	QSOs	Mults	Score	
WA	L	Feb 2003	K7RI (K7SS)	149	111	37	297	53	15,741	VE8	H	Feb 2000	VY1JA	36	0	0	36	22	792	
WA	Q	Feb 2002	K7RI (K7SS)	109	112	19	240	45	10,800	VE8	L									
										VE8	Q									
WY	H	Sep 1999	K7KU (N2IC)	132	117	63	312	48	14,976											
WY	L	Feb 2004	KO7X	57	142	28	227	47	10,669	4U1	H	Feb 1985	4U1UN (W2TO)	3	52	15	70	23	1610	
WY	Q	Feb 2003	WC7S	26	16	3	45	22	990	4U1	L									
										4U1	Q									
MI	H	Feb 2003	N8EA	197	124	100	331	52	17,212											
MI	L	Sep 2004	N8EA	59	111	82	252	44	11,088	8P	H	Sep 2002	8P9JG (N5KO)	164	105	8	277	42	11,634	
MI	Q	Sep 2004	WA8REI	32	33	12	77	27	2079	8P	L									
										8P	Q									
OH	H	Feb 2003	K8MR	72	128	109	309	52	16,068											
OH	L	Sep 2003	K8NZ	78	114	93	285	46	13,110	C6	H	Feb 1999	C6AKP	15	4	2	21	14	294	
OH	Q	Sep 2004	N8VW	43	86	50	179	42	7518	C6	L									
										C6	Q									
WV	H	Feb 2002	N4ZR	69	100	117	286	48	13,728											
WV	L	Sep 1998	K3LR	62	93	64	219	39	8541	HH	H	Sep 1996	HH2AW	48	61	30	139	33	4587	
WV	Q	Sep 2003	K5IID	49	52	42	143	34	4862	HH	L									
										HH	Q									
IL	H	Sep 2003	AG9A	130	162	73	365	52	18,980											
IL	L	Sep 2003	K9AA (K9PG)	112	119	59	290	48	13,920	HI	H	Feb 1991	HI8DMX	0	40	0	40	19	2420	
IL	Q	Feb 1999	WO9S	43	66	32	141	41	5781	HI	L									
										HI	Q									
IN	H	Sep 2003	N9RV	134	168	87	389	53	20,617											
IN	L	Feb 2003	KJ9C	76	95	91	262	48	12,576	HP	H									
IN	Q	Feb 2008	WT9U	38	16	75	129	38	4902	HP	L	Feb 2000	HP1AC	50	14	0	64	30	1920	
										HP	Q									
WI	H	Feb 2000	K9AA (K9PG)	94	169	69	302	55	16,610											
WI	L	Feb 1999	K9AA (K9PG)	96	109	67	272	47	12,784	J7	H	Feb 2007	J79WI (W9WI)	11	74	2	87	34	2958	
WI	Q	Feb 2002	N9NE	69	66	21	156	40	6240	J7	L									
										J7	Q									
CO	H	Feb 2003	N2IC	154	151	84	389	52	20,228											
CO	L	Feb 2008	KØEU	62	115	99	276	42	11,592	KP4	H	Feb 2004	NP4Z	49	150	54	253	48	12,144	
CO	Q	Sep 2005	NØSXX	30	72	8	110	34	3740	KP4	L	Feb 2004	K1ZZ/KP4	1	18	3	22	14	308	
										KP4	Q									
IA	H	Sep 2000	NØNI (AG9A)	126	136	89	331	43	15,093											
IA	L	Sep 1998	KØRX	70	84	73	227	43	9761	TG	H	Sep 2001	TG9/N5KO	150	0	0	150	42	6300	
IA	Q	Sep 2006	AKØM	32	26	0	58	22	1276	TG	L									
										TG	Q									
KS	H	Sep 2007	WØBH	83	99	97	279	44	12,276											
KS	L	Sep 2004	K3LR	95	94	67	256	41	10,496	V4	H	Feb 1996	V4ØZ (AA7VB)	0	21	33	54	23	1242	
KS	Q									V4	L									
										V4	Q									
MN	H	Feb 2003	KØSR	98	127	83	308	50	15,400											
MN	L	Sep 2003	NAØN	112	125	51	288	47	13,536	VP2E	H	Feb 1996	VP2E/KJ4HN	2	66	0	68	30	2040	
MN	Q	Sep 2002	NØUR	62	44	5	111	32	3552	VP2E	L									
										VP2E	Q									
MO	H	Sep 1996	K4VX (WX3N)	104	133	95	332	46	15,272											
MO	L	Feb 2002	KAØGGI	74	83	45	202	41	8282	VP9	H	Feb 1985	W6OAT/VP9	43	93	66	202	31	6262	
MO	Q	Sep 2004	NJ4X	61	99	38	198	41	8118	VP9	L	Sep 2005	WA4PGM/VP9	77	59	17	153	36	5508	
										VP9	Q									
ND	H	Feb 2002	WBØO	124	106	88	318	47	14,946											
ND	L	Feb 1998	WØHSC (KBØO)	49	96	72	217	36	7812	XE	H	Sep 1990	XE2XA (WN4KKN)	134	127	44	305	47	14,335	
ND	Q									XE	L	Sep 2003	XF1K (N6AN)	113	85	39	237	47	11,139	
										XE	Q									
NE	H	Feb 1991	KVØI	82	62	60	204	34	6936											
NE	L	Sep 2006	WW2Y	59	102	61	222	45	9990	ZF	H	Sep 1992	ZF2KI (K1KI)	154	90	7	251	49	12,299	
NE	Q	Feb 2003	W8TM	0	116	0	116	41	4756	ZF	L	Sep 2008	ZF2BJ (KØBJ)	86	78	80	244	41	10,004	
										ZF	Q									
SD	H	Feb 2003	WDØT	115	124	108	347	47	16,309											
SD	L	Sep 2002	K7RE	51	37	2	90	24	2160	9A	H	Sep 2000	9A6XX	29	0	0	29	19	551	
SD	Q									CT	H	Sep 1998	CT1BOH	122	76	27	225	40	9000	
										DL	H	Feb 2006	DJ1YFK	0	30	12	42	21	882	
VE1	H	Feb 2004	VO1AU	36	79	0	115	40	4600	EA8	H	Feb 1994	EA1AK/EA8	15	21	0	36	21	756	
VE1	L	Sep 2000	VE9DX (K5NZ)	99	56	28	183	40	7320	F	H	Sep 1990	F/N6TR	100	78	18	196	38	7448	
VE1	Q									G	H	Feb 2002	G4BUO	45	84	31	160	40	6400	
										HC8	H	Feb 2000	HC8N (N5KO)	142	121	8	271	52	14,092	
VE2	H	Sep 1988	VE2ZP	75	98	41	214	41	8774	I	H	Sep 1998	IKØHBN	64	26	10	100	35	3500	
VE2	L	Feb 2003	VE2AWR	49	77	26	152	39	5928	JA	H	Feb 1991	7J1AAI	13	0	0	13	9	117	
VE2	Q									KH6	H	Sep 2006	KH6/W6PH	77	52	0	129	40	5160	
										LU	H	Feb 2003	LU1FAM	74	18	0	92	35	3220	
VE3	H	Feb 2000	VE3EJ	90	93	87	270	50	13,500	LY	H	Sep 2000	LY4AA	107	56	0	163	38	6194	
VE3	L	Sep 2006	VE3DZ	65	111	72	248	47	11,656	OH	H	Sep 1998	OH1NOA	56	0	0	56	22	1232	
VE3	Q									ON	H	Sep 2007	ON5ZO	1	10	0	11	9	99	
										P4	H	Sep 2007	P4Ø/W2GD	105	82	33	220	41	9020	
VE4	H	Sep 2003	VE4/WBØO	136	130	0	266	45	11,970	PY	H	Sep 1980	PY8ZPJ	28	1	0	29	14	406	
VE4	L	Sep 2006	VE4XT	22	92	16	130	42	5460	UA9	H	Feb 2000	RUØSN	15	0	0	15	13	195	
VE4	Q									UN	H	Sep 2000	UP6F	13	0	0	13	10	130	
										VK	H	Sep 1994	VK5GN (N6AA)	48	0	0	48	22	1056	
VE5	H	Sep 2000	VE5DX	122																