

February 2009 Results: North American CW Sprint

The North American CW Sprint comes in several flavors and two major flavor groups — September and February. With the added sunlight, the September event typically has long luscious openings on 20 meters and challenging openings on 80 meters during the last hour of the contest. The sun is barely setting on the West Coast before everyone QSYs to 80 meters. In February, however, the opposite is true; the sun is already down on the East Coast, making 20 meters a tough challenge.

Such was the case in the 64th running of the CW Sprint. Twenty meters was very challenging for most stations at the start of the contest, and much of the activity quickly switched down to 40 even before the contest was 30 minutes old.

This presented a hard decision for many participants. Do they stick it out on 20 meters with rates close to 60 QSOs/hour, or do they QSY to 40 meters and enjoy rates greater than 100 QSOs/hour? The Top 10 high power stations ended up averaging 63 QSOs on 20 meters, suggesting they hung on as long as possible before bailing for 40. Those who jumped earlier seemed to have a tougher go of it during the last hour as the pool of unworked stations started getting shallow.

QRP

Only nine stations were crazy enough to enter the QRP category this time. Scott, KA9FOX, ran away with the top score by a two-to-one margin. He hung on for 44 QSOs on 20 meters before getting bloodied up on the low bands. A pack of four followed Scott. Mark, K6UFO, operating at NN7SS in Washington took second place. Third place went to Mike, W0MU,

Top 10 Scores

Call Sign	Score	Bnd Chgs	Qs Lost	00Z	01Z	02Z	03Z
K5TR	16,606	154	1	118	94	78	71
W6YI	16,515	86	0	107	99	89	72
N3BB	16,219	128	3	94	85	83	69
N2IC	15,974	56	3	85	83	86	72
N5KO	15,576	116	10	110	98	84	62
N6TR	15,437	42	3	101	96	89	73
W9RE	14,996	147	7	99	91	76	60
N4OGW	14,812	158	3	93	82	81	66
W6YX	14,580	2	2	84	98	70	72
N6TV	14,490	36	2	105	85	74	58

Top 10 Band Changes

Call Sign	Score	Bnd Chgs	Qs Lost	00Z	01Z	02Z	03Z
W6YX	14,580	2	2	84	98	70	72
K6XX	14,080	2	5	90	84	90	56
K6NA	13,464	2	0	84	77	76	69
K9NW	13,320	4	0	79	68	84	65
N4AF	13,207	12	4	70	85	68	58
K6AW	12,936	2	7	78	81	67	68
K1KI	12,771	2	6	62	83	75	78
K4BAI	12,420	2	4	74	57	85	61
N6AA	12,408	2	2	66	77	70	69
W6RGG	12,240	2	4	68	72	71	61

in Colorado. He was followed by Brian, NA4BW, in Georgia and Gene, KB7Q, in Arizona. N8EA, N6WG, K9GY and K8DD finished out the list.

Low Power

Competition for the Top 10 box in the lower power category was fairly tight, with all scores topping 9000 points. Given the poor conditions on 20, this was a very

strong showing. The high scorer once again was Steve, N9CK, who seems to be more comfortable now operating in the low power category. He operated low power last September due to some RFI issues. One of Steve's strengths is his 80 meter signal, where he had QSO totals right up there with the high power stations. Second place went to Mike, K5NZ, operating from Texas. Mike had more QSOs than Steve but fell behind with three fewer multipliers. Dave, N5DO, also operating from Texas, took third place, followed by Bud, N7CW, from Arizona. Bruce, N1LN, came in fifth and was one of the few East Coast stations to show up in any of the Top 10 boxes. Ray, WQ5L, had the last low power score greater than 10k points, followed by W5JAW, K5AF, NA0N and N8NA.

High Power

The two top scores were very close this time around. The Gator, N5RZ (operating at K5TR), pulled out the victory, thanks to an extra multiplier over Dan, N6MJ, who operated at W6YI. Jim, N3BB/5, came in

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	227		Feb 2004
Number Golden Logs	18		Feb 2008
Number Logs ≥ 300	52		Feb 2003

third place — a new personal high. Sprint veteran Steve, N2IC/5, came in fourth with his 39th Top 10 showing. Trey, N5KO/6, ended a nine-year hiatus by reappearing in the Top 10 for the 16th time, followed by N6TR/7 who made his 50th Top 10 showing.

It would appear that operating from another call sign district can be helpful when trying to get into the Top 10. W9RE came in seventh, proving that you can still make the Top 10 from the “black hole,” even with these poor conditions. N4OGW/5 came in eighth, followed by N7MH (at W6YX) and N6TV for the last two spots.

It's interesting to note that the last six CW Sprints all have been won twice by three different operators: N5RZ (at K5TR), N6MJ (at W6YI) and N6TR/7. Will one of these three be the top scorer in September, or will someone else make it up to the top?

Team Competition

The Northern California Contest Club ended a two-year drought by edging out the Austin Powers Ditters team by just a few hundred points. The Southern California Contest Club came in third, followed by the SouthEast Sprint Coalition. The NCCC second team came in fifth, a very strong showing for a junior varsity team. This is a good indicator that the weekly NCCC-sponsored Sprint practice runs are having a positive impact on the team totals.

Golden Logs

A total of 17 stations submitted logs that survived the log-checking process unscathed. It is rare that the station with the highest QSO total in the contest also submits a golden log. Dan, N6MJ, did just that, however, by having a perfect log with 367 QSOs. Glenn, K6NA, who interestingly enough operated just a few miles from Dan, also posted a perfect log with more than 306 QSOs. We can point to Glenn's years handling traffic on CW nets back in the 60s and 70s as a big reason for his great accuracy. In Dan's case, he came to ham radio after the CW traffic nets were pretty much gone, so he must just be a mutant.

K9NW, N6RT, K9BGL and WQ5L all had golden logs with more than 200 QSOs and K5ZD, W9WI, W8TM and NE6I had perfect logs with at least 100 QSOs.

Records

With the depressed conditions, we only had three new QRP records and one high power record this time around. Brian, NA4BW, set a new record for Georgia on QRP. Scott, KA9FOX, set a new QRP record for Wisconsin. Mike, W0MU, set a new QRP record for Colorado. Finally, Gordon, N5AU (at VP2E) set a new high power record for Anguilla.

Next Time

Some soapbox comments suggested that the starting time for the February event be moved up an hour. This certainly would have meant improved conditions for the first hour of the contest for most people; with the lower bands going long so early, everyone likely would have benefited. That said, conditions were much better during this same time segment in the SSB Sprint held one week later. As sunspots return, the current time probably will be optimum once again. After much discussion and deliberation, it was decided to leave the starting time alone and hope that conditions sort themselves out next year.

The next CW Sprint will be held September 13 UTC (Saturday, September 12, local time in North America). For team registration, use the *NCJ* Web page, www.ncjweb.com. Logs can be submitted via e-mail to cwsprint@kkn.net or via the log submission form on the *NCJ* Web site. **Logs are due seven days after the contest!**

Final scores are typically posted within two weeks of the contest and are announced on the CQ-Contest e-mail reflector and posted on the *NCJ* Web page.

Check out the 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 e-mail reflector is also a great place to ask questions about this contest. There's more information about this resource at <http://lists.contesting.com/mailman/listinfo/CQ-Contest>.

Soapbox

Twenty meters was like the California QSO Party — 40 went long early, and we had to dodge the RTTY stations; 80 was also long. Fun 4 hours. — K0OU

Best CW for me in a Sprint. See you on SSB. Thanks to all. — K0UK

A TS-850 and a G5RV can feel loud, but not in a Sprint — especially on 40, since 20 didn't really exist. — K3TN

Best four hours in ham radio! — K5AF
Blah! Twenty was awful. Managed to go the full first hour before I quit. Came back after an hour, and things were still awful, so quit again. Even the last 30 minutes sounded bad. We need to move this contest one hour earlier until the sunspots return. — K5ZD

This is absolutely the worst I've ever done in NA Sprint CW. Yuck! — K6CSL

Had to QRT after 90 minutes due to dinner guests. Condx on 20 kinda weird, 40 great but busy. Still got a pretty good rate. — K6ZH

The Sprints are always my favorite contests, even when condx stink as they did for this one. Stations that are normally well over S9 on 20 were S5 at best; 40 was funky, and 80 seemed to go long early with the West Coast very loud. — K7SV

Twenty stunk and 40 wasn't much better. Eighty went long early, and I worked a ton of West Coast on that band. The hardest mults were the neighboring states. Getting called by KL7RA on 80 was cool! Team MRRC/NCC — K8MM

QRP was more fun than I thought! — K9GY

Bands were l--o--n--g! — K9NW

First time trying the Spring with QRP, and it was actually fun. Surprised to have KL7RA and VP2E call in on 80 but sad to miss all the bordering states due to the bands being so long. — KA9FOX

After 15 minutes of beating my head against a wall, I had one QSO on 20! Spent the next 30 minutes on 40 and had seven more Qs in the log. Went to 80 and ended up with 123 Qs for the night. It was nice to see this Sprint come to an end. Didn't somebody say, “Wait till next year!” I'll be there, hoping for better conditions. — KV8Q

This was my first serious Sprint. I actually had fun! I operated from N0NI's FB station. It's not a big score but good for this CW-

Top 10 QSOs		Top 10 Low Power		Golden Log (QSOs)		Top 10 Band Changes	
W6YI	367	N9CK	12,690	W6YI	367	N4OGW	158
K5TR	361	K5NZ	12,012	K6NA	306	K5TR	154
N6TR	359	N5DO	11,610	K9NW	296	N5DX	151
N5KO	354	N7CW	11,044	N6RT	270	W9RE	147
N3BB	331	N1LN	10,710	K9BGL	264	N3BB	128
N2IC	326	WQ5L	10,535	WQ5L	245	N5KO	116
W9RE	326	W5JAW	9799	K5ZD	188	W5KFT	104
W6YX	324	K5AF	9546	W9WI	177	N2NT	92
N4OGW	322	NA0N	9492	W8TM	125	AA3B	91
N6TV	322	N8NA	9266	NE6I	110	W6YI	86
				VE3RCN	59		
				K2KW	21		
				N6EE	16		
				KA3DRR	9		
				KL9A	6		
				K8DD	5		
				NT6X	1		
Top Mults		Top QRP					
N2IC	49	KA9FOX	7904				
N2NC	49	NN7SS	3936				
N3BB	49	W0MU	3861				
K8MM	48	NA4BW	3597				
N4AF	47	KB7Q	2958				
N4OX	47	N8EA	1050				
N9CK	47	N6WG	912				
W4NZ	47	K9GY	380				
Many	46	K8DD	25				

challenged operator. — N0AC

Twenty closed as soon as contest began for East Coast. September times are okay, but February needs to move back an hour. This would help balance eastern 20 meter against western 80 meter time problems. Where was Canada? — N4AF

Missed the first 8 minutes setting up. The switch to 80 (early) revealed a broken antenna. Took 30 minutes to find out I could not get into the building on whose roof the antenna is installed. C'est la vie. I made a few more contacts low power and then pulled the plug. — N6AN

Many SCCC members were using the name Don in honor of W6EEN, who became a Silent Key a few weeks earlier. — N6RT

Just couldn't get into the grove in this one. Congrats to N5KO, W6YI and N6TR. — N6TV

This was a laid-back operation this time. Sprint isn't one of my favorite contests, so I figured I'd just do a mix of CQ and S&P and

see what happened. I called many stations that couldn't seem to hear me [and] was stepped on by stronger signals. After the contest, I figured that I had an average rate of 3.5 minutes between QSOs. — N6WG

Missed NV about 12 miles away. Twenty was awful. — N6XI

Got home early enough to catch the end of the contest. Cranked the power output all the way down on the FT-1000 and tried QRP. After the contest I measured the power output at 3.5 W. There are a lot of good ears out there! — N8EA

Really a two-and contest. QSO numbers down everywhere from the serial numbers heard. Perhaps now is the time to consider moving this event to a 4-band affair, using 20-160 now and 15-80 during high sunspots. With the agility of stations/equipment/operators continuing to rise, it is time to move up the degree of difficulty. — N8NA

Dinner date wiped out all but the first

half-hour. — N9RV

I'm surprised I did this well, just below my QRP score from September. The problems were that 20 was dead shortly after the start, and once I had to go to 80 my QRP signal just couldn't get any attention. Thanks for listening for my QRP sigs. — NN7SS

Great fun as always but still short of the 200-QSO plateau. — NO5W

Condx a little strange on 20 with just West Coast and AK; only managed 17 Qs before went to 40 where a lot of RTTY stations were loud. Very nice to work VP2E on two bands, VE4XT and two AK stations, KL7RA and KL7WV. Thanks for getting on, guys! — W0ETT

XYL still hates ham radio, so I had to QRT and install a magazine rack in the bathroom instead. — W5OV

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

Close to a PB for me in spite of lousy conditions on 20. — W9RE

Team Scores

NCCC 1		Ditters		SCCC 1		SE Sprint 1	
N5KO	15,576	K5TR	16,606	W6YI	16,515	N4AF	13,207
W6YX	14,580	N3BB	16,219	K6NA	13,464	W4NZ	12,502
N6TV	14,490	N6TR	15,437	N6AA	12,408	K4BAI	12,420
K6XX	14,080	N4OGW	14,812	K6LL	12,195	K7SV	12,015
N6RO	13,995	W5KFT	13,800	N6RT	12,150	K4RO	11,745
K6AW	12,936	NR5M	13,662	K6LA	10,962	N4OX	11,609
AE6Y	12,780	K5WA	12,584	N6VR	9480	N2NL	11,295
W6RGG	12,240	K5MR	12,126	K6NR	9366	W4OC	10,560
N6XI	12,012	W0BH	10,395	N6AN	6794	KU8E	9072
KF6T	10,906	W5WMU	7600	W6TK	6519		
Total	133,595	Total	133,241	Total	109,853	Total	104,425

5. NCCC 2 (K6RB, NI6T, W0YK, K6VVA, AJ6V, K6SRZ, W6CT, N3ZZ, W6OAT, W6SX).....	91,438
6. Dashers (N5DX, K5NZ, N5DO, WQ5L, W5JAW, K5AF, KU5B, W5ZL, NO5W).....	88,852
7. YCCC 1 (K1KI, W1WEF, W1UE, K1DG, N2GC, K1AR, K2KQ, K5ZD).....	80,225
8. SMC Completo (W9RE, N9CK, K0OU, K9CT, W19WI, KA9FOX, K9MMS, N9HZ, WW9R, N9FC).....	74,645
9. FRC (N2NT, K3WW, N2NC, AA3B, N8NA, W3KB).....	63,251
10. MRRC/NCC (K9NW, K8MR, K8MM, KL7WV, K0DXC, N8AA, N3GJ, N3SD, ND8L, K8GT).....	58,187
11. K0ZL (N2IC, K07X, W0ETT, K0UK, AC0DS, W0MU).....	48,044
12. NCCC 3 (N6ZFO, N6DE, NW6P, K6LRN, NO6X, K6DGW, K6MM, KG6D, N6EE).....	37,622
13. CADXA (N7CW, N7FO, KC7V, N7MAL).....	26,746
14. SE Sprint 2 (K1ZZI, K4FXN, NA4BW, W4AU, K4EDI).....	21,278
15. NCC/MRRC (K3LR, N8SS, K3UA).....	20,673
16. SCCC 2 (NE6I, W4EF, K6ZH).....	11,894
17. YCCC 2 (W1UJ).....	4,464
18. NCCC 4 (N6PN, N6WG, W6NF, K6CSL, KA3DRR).....	4,342
19. Funsters (NN7SS).....	3,936
20. SMC Parte (K9GY).....	380

GUEST OPERATORS

CG2AWR (VE2AWR); K3LR (@W8OU); K5TR (N5RZ); K6AW (@W6NV); KL7WV (W3YQ); N5KO (@W6NL); N6DE (@K6TD) N7FO (KN5H); NN7SS (K6UFO); NN7ZZ (N5LZ); NR5M (K5GA); VP2E (N5AU); W5KFT (K5PI); W6CT (@W6CS); W6YI (N6MJ) W6YX (N7MH); W8EDU (W8WTS)

Scoring Summary

Call Sign	Name	QTH	20	40	80	QSO	Mult	Score	Team	Call Sign	Name	QTH	20	40	80	QSO	Mult	Score	Team
K1KI	TOM	CT	46	129	122	297	43	12,771	YCCC 1	N2GC	MIKE	NY	2	73	132	207	44	9108	YCCC 1
W1WEF	JACK	CT	0	136	128	264	46	12,144	YCCC 1	W2LC	SCOTT	NY	7	99	107	213	42	8946	YCCC 1
K1DG	DOUG	NH	6	98	142	246	44	10,824	YCCC 1	K2KQ	*DON	NY	6	89	89	184	42	7728	YCCC 1
K1AR	JOHN	NH	6	93	116	215	42	9030	YCCC 1										
K5ZD	RANDY	MA	20	91	77	188	41	7708	YCCC 1	K3WW	CHAS	PA	11	108	148	267	46	12,282	FRC
W1UJ	*JAY	MA	0	49	75	124	36	4464	YCCC 2	AA3B	BUD	PA	7	110	138	255	43	10,965	FRC
N1ME	*BILL	ME	0	25	23	48	22	1056		N8NA	*KARL	DE	5	96	125	226	41	9266	FRC
KB1NRB	*ALLAN	CT	1	2	1	4	4	16		K3TN	*JOHN	MD	1	77	98	176	42	7392	
										W3KB	*KEITH	PA	0	64	83	147	42	6174	FRC
										NO3M	*TY	PA	2	42	89	133	35	4655	
N2NT	ANDY	NJ	27	121	143	291	44	12,804	FRC	N3GJ	GEO	PA	0	0	105	105	35	3675	MRRC/NCC

Call Sign	Name	QTH	20	40	80	QSO	Mult	Score	Team	Call Sign	Name	QTH	20	40	80	QSO	Mult	Score	Team	
W3EF	*MAURY	MD	0	43	48	91	38	3458		N6NF	TOM	CA	27	74	39	140	37	5180		
N3SD	*GREG	PA	0	10	73	83	31	2573	MRRC/NCC	K6LRN	DICK	CA	36	81	15	132	36	4752	NCCC 3	
K3UA	*PHIL	PA	0	19	14	33	21	693	NCC/MRRC	NE6I	DON	CA	31	75	4	110	40	4400	SCCC 2	
N4AF	AL	NC	18	124	139	281	47	13,207	SE Sprint 1	NO6X	KEN	CA	31	60	43	134	31	4154	SCCC 3	
W4NZ	TED	TN	41	97	128	266	47	12,502	SE Sprint 1	W4EF	DON	CA	0	31	81	112	34	3808	SCCC 2	
K4BAI	JOHN	GA	7	125	144	276	45	12,420	SE Sprint 1	K6ZHW	*JIM	CA	43	54	0	97	38	3686	SCCC 2	
K7SV	LAR	VA	27	94	146	267	45	12,015	SE Sprint 1	K6DGW	SKIP	CA	32	51	30	113	31	3503	NCCC 3	
N2NC	JOHN	VA	14	86	140	240	49	11,760	FRC	K6MM	*JOHN	CA	29	60	32	121	27	3267	NCCC 4	
K4RO	KIRK	TN	35	97	129	261	45	11,745	SE Sprint 1	N6PN	*MATT	CA	8	64	27	99	32	3168	NCCC 3	
N4OX	JAY	FL	29	92	126	247	47	11,609	SE Sprint 1	N6WG	**BOB	CA	9	22	26	57	16	912	NCCC 4	
N2NL	DAVE	FL	23	113	115	251	45	11,295	SE Sprint 1	K6GD	KEVIN	CA	10	15	0	25	12	300	NCCC 3	
N1LN	*BRUCE	NC	7	114	117	238	45	10,710		K8III	*JERRY	CA	8	13	1	22	9	198		
W4OC	DON	SC	18	95	127	240	44	10,560	SE Sprint 1	N6EE	*RON	CA	14	2	0	16	12	192	NCCC 3	
KU8E	JEFF	GA	22	70	124	216	42	9072	SE Sprint 1	K6WSC	*BILL	CA	2	7	4	13	9	117		
NA4K	*STEVE	TN	28	65	118	211	41	8651		K6CSL	*BERT	CA	4	4	1	9	6	54	NCCC 4	
N4DW	DAVE	TN	14	74	106	194	42	8148		KA3DRR	*SCOT	CA	0	9	0	9	6	54	NCCC 4	
K1ZZI	RALPH	GA	33	84	69	186	43	7998	SE Sprint 2	NT6X	*DON	CA	0	1	0	1	1	1		
W9WI	*DOUG	TN	26	58	93	177	40	7080		N6TR	TREE	OR	80	145	134	359	43	15,437	Ditters	
K4LTA	BILL	TN	8	70	91	169	40	6760		K6LL	DON	AZ	70	101	100	271	45	12,195	SCCC 1	
K4FXN	*DAN	KY	12	54	91	157	41	6437	SE Sprint 2	K07AA	BILL	AZ	54	108	115	277	43	11,911		
N4CW	BERT	NC	0	55	100	155	40	6200		N7CW	*BUD	AZ	36	100	115	251	44	11,044	CADXA	
N5VI	*VAN	GA	2	46	100	148	38	5624		N7FO	STEVE	AZ	40	83	114	237	43	10,191	CADXA	
W3YY	BOB	VA	7	60	40	107	34	3638		K07X	BILL	WY	13	95	126	234	41	9594	K0ZL	
NA4BW	**BRIAN	GA	0	41	68	109	33	3597	SE Sprint 2	NN7ZZ	DON	UT	18	96	105	219	40	8760		
W4AU	JOHN	VA	0	0	81	81	36	2916	SE Sprint 2	W7ZRC	*LEE	ID	34	77	108	219	40	8760		
N4LF	*LEX	FL	0	44	42	86	32	2752		KL7RA	RICH	AK	55	105	58	218	39	8502		
K1GU	NED	TN	0	0	83	83	31	2573		KL7WV	TIM	AK	54	107	48	209	39	8151	MRRC/NCC	
W4IX	*JOHN	SC	0	8	49	57	28	1596		K4XU	DICK	OR	49	102	66	217	36	7812		
KY4F	*DOUG	KY	0	24	8	32	16	512		W7WHY	TOM	OR	42	81	61	184	41	7544		
K4EDI	BEN	TN	0	0	22	22	15	330	SE Sprint 2	N7LOX	*BRIAN	WA	39	74	33	146	32	4672		
K8DD	**DUCK	FL	0	4	1	5	5	25		NN7SS	*BURT	WA	22	68	33	123	32	3936	Funsters	
K5TR	GEO	TX	58	159	144	361	46	16,606	Ditters	KCV7	*MIKE	AZ	19	21	77	117	32	3744	CADXA	
N3BB	JIM	TX	45	135	151	331	49	16,219	Ditters	KB7Q	*GENE	AZ	5	42	55	102	29	2958		
N2IC	GRANT	NM	63	134	129	326	49	15,974	K0ZL	WS7L	CARL	OR	9	48	41	98	25	2450		
N4OGW	TOR	MS	46	130	146	322	46	14,812	Ditters	N7MAL	*MAL	AZ	9	48	0	57	31	1767	CADXA	
W5KFT	ROB	TX	46	128	126	300	46	13,800	Ditters	N9RV	PAT	MT	34	12	0	46	21	966		
NR5M	GEO	TX	63	109	125	297	46	13,662	Ditters	N6TW	LARRY	OR	7	5	32	44	20	880		
N5DX	KEVIN	AR	24	123	135	282	46	12,972	Dashers	N7VS	*STEVE	OR	11	21	14	46	19	874		
K5WA	BOB	TX	48	106	132	286	44	12,584	Ditters	W6NF	*JACK	NV	0	0	14	14	11	154	NCCC 4	
K3LR	TIM	OK	58	108	124	290	42	12,180	NCC/MRRC	KL9A	*CHRIS	MT	0	0	6	6	1	6		
K5MR	STEVE	TX	48	98	136	282	43	12,126	Ditters	KW8N	BOB	OH	34	90	111	235	42	9870	MRRC/NCC	
K5NZ	*MIKE	TX	33	118	122	273	44	12,012	Dashers	K8MR	*JIAN	OH	14	75	97	186	46	8558	MRRC/NCC	
N5DO	*DAVE	TX	35	98	125	258	45	11,610	Dashers	K8MM	EARL	MI	4	52	121	177	48	8496	MRRC/NCC	
K5KA	KEN	OK	40	102	116	258	43	11,094		N8SS	EARL	MI	13	84	98	195	40	7800	NCC/MRRC	
K5NTT	MATT	AR	33	89	123	245	43	10,535		K0DXC	*KID	OH	3	31	98	132	41	5412	MRRC/NCC	
WQ5L	*RAY	MS	15	102	128	245	43	10,535	Dashers	W8EDU	VAL	OH	5	61	80	146	37	5402		
W5JAW	*JIM	TX	37	97	105	239	41	9799	Dashers	KV8Q	*TOM	OH	1	7	112	120	41	4920		
K5AF	*PAUL	TX	23	81	118	222	43	9546	Dashers	W8TM	*PAUL	OH	5	51	69	125	34	4250		
NN5K	*DAVE	NM	20	89	101	210	42	8820		N8AA	JOHN	OH	38	65	15	118	33	3894	MRRC/NCC	
KU5B	*BOB	TX	19	77	97	193	40	7720	Dashers	N4ZR	PETE	WV	5	85	14	104	36	3744		
W5ZL	*GARY	TX	45	70	86	201	38	7638	Dashers	N8DL	*RAY	OH	6	35	23	64	33	2112	MRRC/NCC	
W5WMU	PAT	LA	32	94	64	190	40	7600	Ditters	K8GT	*AL	MI	0	32	42	74	27	1998	MRRC/NCC	
NO5W	*CHUCK	TX	28	63	89	180	39	7020	Dashers	N8EA	**JOE	MI	0	0	42	42	25	1050		
N5WR	*JEFF	OK	24	56	93	173	40	6920		K2KW	*KENNY	OH	0	20	1	21	8	168		
K7IA	*LUNA	NM	11	43	62	116	36	4176		W9RE	MIKE	IN	54	132	140	326	46	14,996	SMC Completo	
W5OV	*BOB	TX	0	31	0	31	15	465		K9NW	MIKE	IN	51	103	142	296	45	13,320	MRRC/NCC	
W6YI	DON	CA	62	157	148	367	45	16,515	SCCC 1	N9CK	*STEVE	WI	41	100	129	270	47	12,690	SMC Completo	
N5KO	TREY	CA	69	152	133	354	44	15,576	NCCC 1	K9BGL	KARL	IL	45	85	134	264	43	11,352		
W6YX	MIKE	CA	82	127	115	324	45	14,580	NCCC 1	K9CT	CRAIG	IL	34	66	113	213	41	8733	SMC Completo	
N6TV	BOB	CA	71	129	122	322	45	14,490	NCCC 1	W9WI	JIM	WI	51	81	92	224	36	8064	SMC Completo	
K6XX	BOB	CA	69	123	128	320	44	14,080	NCCC 1	KA9FOX	**SCOTT	WI	44	78	86	208	38	7904	SMC Completo	
N6RO	KEN	CA	67	112	132	311	45	13,995	NCCC 1	K9MMS	*GARY	IL	41	35	93	169	33	5577	SMC Completo	
K6NA	DON	CA	59	119	128	306	44	13,464	NCCC 1	N9HZ	BOB	IN	28	33	30	91	27	2457	SMC Completo	
K6AW	STEVE	CA	68	110	116	294	44	12,936	NCCC 1	W9W9	*PAT	WI	0	34	41	75	28	2100	SMC Completo	
AE6Y	ANDY	CA	66	121	97	284	45	12,780	NCCC 1	N9FC	JOHN	IN	0	23	41	64	28	1792	SMC Completo	
N6AA	DICK	CA	61	123	98	282	44	12,408	NCCC 1	K9OZ	*BRUCE	IL	0	10	36	46	25	1150		
W6RGG	BOB	CA	49	109	114	272	45	12,240	NCCC 1	K9GY	**ACE	IL	11	27	0	38	10	380	SMC Parte	
N6RT	DON	CA	59	102	109	270	45	12,150	NCCC 1	W0BB	BOB	KS	30	68	133	231	45	10,395	Ditters	
N6XI	RICK	CA	52	120	101	273	44	12,012	NCCC 1	K0OU	STEVE	MO	37	109	106	252	41	10,332	SMC Completo	
K6RB	ROB	CA	63	99	102	264	43	11,352	NCCC 2	NA0N	*PAT	MN	33	68	125	226	42	9492		
K6LA	KEN	CA	49	114	98	261	42	10,962	NCCC 1	W0ETT	*BILL	CO	16	86	93	195	41	7995	K0ZL	
W1UE	FOG	CA	43	91	114	248	44	10,912	NCCC 1	N0AC	*BILL	IA	24	49	78	151	37	5587		
KF6T	JACK	CA	58	120	88	266	41	10,906	NCCC 1	K0UK	*BILL	CO	10	62	64	136	40	5440	K0ZL	
N16T	GARRY	CA	51	92	104	247	44	10,868	NCCC 2	AC0DS	*BILL	CO	6	51	83	140	37	5180	K0ZL	
W0YK	ED	CA	64	108	93	265	41	10,865	NCCC 2	W0MU	**BILL	CO	12	50	55	117	33	3861	K0ZL	
K6VVA	RICK	CA	49	92	102	243	42	10,206	NCCC 2	N9HDE	*SCOTT	IA	2	9	0	11	8	88		
N6VR	DON	CA	55	90	92	237	40	9480	NCCC 1	VA3NR	CHRIS	ON	10	63	114	187	44	8228		
K6NR	DON	CA	44	88	91	223	42	9366	NCCC 2	VA7ST	BUD	BC	12	73	58	143	33	4719		
AJ6V	ED	CA	61	96	87	244	38	9272	NCCC 2	VE3FU	CHRIS	ON	0	14	62	76	28	2128		
K6SRZ	ALAN	CA	50	71	89	210	40	8400	NCCC 2	VE3RCN	*KEVIN	ON	0	6	53	59	31	1829		
W6CT	SCOTT	CA	59	83	63	205	40	8200	NCCC 2	VE3DZ	*YURI	ON	0	0	47	47	25	1175		
N6ZFO	*BILL	CA	33	71	86	190	43	8170	NCCC 3											

CW Sprint Records through February 2009

QTH	Pwr	Date	Call Sign	20	40	80	QSO	Mul	Score	QTH	Pwr	Date	Call Sign	20	40	80	QSO	Mul	Score
CT	H	Sep 2003	K1KI	153	132	84	369	50	18,450	CA	H	Feb 2003	W6EEN (N6RT)	150	147	81	378	54	20,412
CT	L	Sep 1999	NT1N	122	115	43	280	49	13,720	CA	L	Feb 2004	N6MJ	106	158	77	341	50	17,050
CT	Q									CA	Q	Feb 2002	K6III	122	27	4	153	48	7344
MA	H	Feb 2003	K5ZD	136	144	85	365	54	19,710	AK	H	Feb 2000	KL9A	139	63	0	202	47	9494
MA	L	Feb 2003	K1HT	72	106	114	292	50	14,600	AK	L	Sep 2007	K6VVA/KL7	68	30	18	116	34	3944
MA	Q	Sep 2003	NB1B	75	29	3	107	33	3531	AK	Q	Sep 2003	N6TR/KL7	1	0	0	1	1	1
ME	H	Sep 2008	N1LI (K1DG)	88	122	84	294	47	13,818	AZ	H	Feb 2000	K6LL	178	144	42	364	50	18,200
ME	L	Sep 2006	N1LI (K1DG)	89	106	49	244	43	10,492	AZ	L	Feb 2008	N7CW	61	109	98	268	43	11,524
ME	Q									AZ	Q	Feb 2008	KB7Q	61	51	2	114	37	4218
NH	H	Feb 2003	K1DG	129	119	83	331	50	16,550	ID	H	Feb 2000	W7ZRC	123	107	44	274	45	12,330
NH	L	Feb 2002	K1BX	131	76	62	269	47	12,643	ID	L	Feb 2001	W7UQ (KL9A)	144	88	44	276	48	13,248
NH	Q	Feb 2003	AB1AV	2	0	0	2	2	4	ID	Q								
RI	H	Feb 2002	K1IG	122	95	93	310	47	14,570	MT	H	Sep 2008	N9RV	62	168	77	307	48	14,736
RI	L	Feb 2004	AJ1M	7	6	0	13	13	169	MT	L	Feb 1998	K7BG	79	105	89	273	43	11,739
RI	Q	Sep 2006	KO1H	10	8	0	18	9	162	MT	Q	Sep 2007	KB7Q	29	54	67	150	36	5400
VT	H	Feb 2004	NT1Y (W4PA)	116	175	47	338	48	16,224	NV	H	Feb 2000	K7BV	106	141	43	290	50	14,500
VT	L	Sep 1999	W1EAT	38	33	33	104	35	3640	NV	L	Feb 2000	KU7Y	88	116	0	204	45	9180
VT	Q	Sep 2004	WT1L	18	2	18	38	21	798	NV	Q	Feb 1999	KU7Y	59	69	20	148	40	5920
NJ	H	Feb 2003	N2NT	88	158	134	380	51	19,380	OR	H	Feb 2003	N6TR	172	142	79	393	52	20,436
NJ	L	Feb 1999	K2SQ	94	101	85	280	46	12,880	OR	L	Feb 2003	K4XU	121	110	46	277	47	13,019
NJ	Q	Feb 2008	KR2Q	24	56	31	111	31	3441	OR	Q								
NY	H	Feb 2002	K2UA	11	123	85	321	50	16,050	UT	H	Sep 1991	K6XO	128	93	42	263	44	11,572
NY	L	Sep 2004	K2KQ	80	94	56	230	46	10,580	UT	L	Sep 1995	AH3C	59	91	65	215	38	8170
NY	Q									UT	Q	Feb 2003	NC7J	101	96	38	235	45	10,575
DE	H	Sep 1989	KN5H	98	102	72	272	46	12,512	WA	H	Feb 2003	W7WA	133	113	54	300	49	14,700
DE	L	Sep 2008	N8NA	46	135	80	261	47	12,267	WA	L	Feb 2003	K7RI (K7SS)	149	111	37	297	53	15,741
DE	Q	Sep 1999	N3DEL	6	1	0	7	5	35	WA	Q	Feb 2002	K7RI (K7SS)	109	112	19	240	45	10,800
MD	H	Sep 1989	W3LPL	120	110	80	310	47	14,570	WY	H	Sep 1999	K7KU (N2IC)	132	117	63	312	48	14,976
MD	L	Sep 2002	K3MM	95	95	71	261	40	10,440	WY	L	Feb 2004	KO7X	57	142	28	227	47	10,669
MD	Q	Sep 2002	K3ESE	19	35	0	54	17	918	WY	Q	Sep 2008	KB7Q	1	78	8	87	29	2523
PA	H	Sep 2004	K3NM (N2NC)	131	116	91	338	49	16,562	MI	H	Feb 2003	N8EA	197	124	100	331	52	17,212
PA	L	Sep 2003	W1NN	87	83	59	229	46	10,534	MI	L	Sep 2004	N8EA	59	111	82	252	44	11,088
PA	Q	Sep 2007	K3MJW	7	27	49	83	27	2241	MI	Q	Sep 2004	WA8REI	32	33	12	77	27	2079
AL	H	Feb 2004	K4NO	115	98	67	280	48	13,440	OH	H	Feb 2003	K8MR	72	128	109	309	52	16,068
AL	L	Sep 2003	K4IQJ	70	89	60	219	44	9636	OH	L	Sep 2003	K8NZ	78	114	93	285	46	13,110
AL	Q	Feb 1998	KJ3V	0	8	0	8	7	56	OH	Q	Sep 2004	N8VW	43	86	50	179	42	7518
FL	H	Feb 2003	N2NL	151	139	67	357	55	19,635	WV	H	Feb 2002	N4ZR	69	100	117	286	48	13,728
FL	L	Sep 2003	K0LUZ	118	132	0	250	47	11,750	WV	L	Sep 1998	K3LR	62	93	64	219	39	8541
FL	Q	Sep 1999	N4BP	119	51	0	170	34	5780	WV	Q	Sep 2003	K5IID	49	52	42	143	34	4862
GA	H	Sep 2003	K4AAA (W4AN)	146	170	88	404	54	21,816	IL	H	Sep 2003	AG9A	130	162	73	365	52	18,980
GA	L	Feb 2003	KU8E	42	124	81	247	48	11,856	IL	L	Sep 2003	K9AA (K9PG)	112	119	59	290	48	13,920
GA	Q	Feb 2009	NA4BW	0	41	68	109	33	3597	IL	Q	Feb 1999	WO9S	43	66	32	141	41	5781
KY	H	Sep 1998	K4LT	82	107	92	281	44	12,364	IN	H	Sep 2003	N9RV	134	168	87	389	53	20,617
KY	L	Feb 2002	K4FXN	103	98	53	254	45	11,430	IN	L	Feb 2003	KJ9C	76	95	91	262	48	12,576
KY	Q									IN	Q	Feb 2008	WT9U	38	16	75	129	38	4902
NC	H	Sep 2003	N4AF	98	129	115	342	49	16,758	WI	H	Feb 2000	K9AA (K9PG)	94	169	69	302	55	16,610
NC	L	Feb 1995	K7GM	73	101	69	243	45	10,935	WI	L	Feb 2008	N9CK	70	126	115	311	48	14,928
NC	Q	Feb 1998	W4WS (N4VHK)	13	23	13	49	24	1176	WI	Q	Feb 2009	KA9FOX	44	78	86	208	38	7904
SC	H	Sep 2008	W4OC	80	110	97	287	48	13,776	CO	H	Feb 2003	N2IC	154	151	84	389	52	20,228
SC	L	Sep 2003	W4OC	87	92	116	295	50	14,750	CO	L	Feb 2008	K0EU	62	115	99	276	42	11,592
SC	Q									CO	Q	Feb 2009	W0MU	12	50	55	117	33	3861
TN	H	Sep 2003	W4PA	134	163	96	393	51	20,043	IA	H	Sep 2008	N0NI (AG9A)	108	134	108	350	47	16,450
TN	L	Sep 2003	K4AMC	77	127	66	270	47	12,690	IA	L	Sep 1998	K0RX	70	84	73	227	43	9761
TN	Q									IA	Q	Sep 2006	AK0M	32	26	0	58	22	1276
VA	H	Sep 1989	KT3Y	95	122	79	296	48	14,208	KS	H	Sep 2007	W0BH	83	99	97	279	44	12,276
VA	L	Feb 2003	K7SV	84	101	115	300	52	15,600	KS	L	Sep 2004	K3LR	95	94	67	256	41	10,496
VA	Q	Sep 2007	WA4PGM	38	54	50	142	36	5112	KS	Q								
AR	H	Sep 2008	K5GO	84	123	95	302	47	14,194	MN	H	Feb 2003	K0SR	98	127	83	308	50	15,400
AR	L	Sep 2007	K5GO	99	82	78	259	44	11,396	MN	L	Sep 2003	NA0N	112	125	51	288	47	13,536
AR	Q									MN	Q	Sep 2002	N0UR	62	44	5	111	32	3552
LA	H	Feb 1995	W5WMU (K5GA)	105	115	86	306	48	14,688	MO	H	Sep 1996	K4VX (WX3N)	104	133	95	332	46	15,272
LA	L	Feb 2004	W5EKF	43	67	18	128	40	5120	MO	L	Feb 2002	KA0GGI	74	83	45	202	41	8282
LA	Q	Sep 2007	KC5R	95	66	17	178	39	6942	MO	Q	Sep 2004	NJ4X	61	99	38	198	41	8118
MS	H	Sep 2008	N4OGW	90	139	110	339	50	16,950	ND	H	Feb 2002	WB0O	124	106	88	318	47	14,946
MS	L	Sep 2008	WQ5L	82	111	62	255	45	11,475	ND	L	Feb 1998	W0HSC (KB0O)	49	96	72	217	36	7812
MS	Q	Feb 2002	WA2NYR	30	16	0	46	26	1196	ND	Q								
NM	H	Feb 2003	N6ZZ	133	153	65	351	52	18,252	NE	H	Sep 2008	WW2Y	57	101	98	256	42	10,752
NM	L	Feb 2008	AA5B	85	101	95	284	42	11,928	NE	L	Sep 2006	WW2Y	59	102	61	222	45	9990
NM	Q	Feb 2002	W5YA	121	75	28	224	42	9408	NE	Q	Feb 2003	W8TM	0	116	0	116		

QTH	Pwr	Date	Call Sign	20	40	80	QSO	Mul	Score	QTH	Pwr	Date	Call Sign	20	40	80	QSO	Mul	Score	
VE2	H	Sep 1988	VE2ZP	75	98	41	214	41	8774	J7	H	Feb 2007	J79WI (W9WI)	11	74	2	87	34	2958	
VE2	L	Feb 2003	VE2AWR	49	77	26	152	39	5928	J7	L									
VE2	Q									J7	Q									
VE3	H	Feb 2000	VE3EJ	90	93	87	270	50	13,500	KP4	H	Feb 2004	NP4Z	49	150	54	253	48	12,144	
VE3	L	Sep 2006	VE3DZ	65	111	72	248	47	11,656	KP4	L	Feb 2004	K1ZZ/KP4	1	18	3	22	14	308	
VE3	Q									KP4	Q									
VE4	H	Sep 2003	VE4/WB0O	136	130	0	266	45	11,970	TG	H	Sep 2001	TG9/N5KO	150	0	0	150	42	6300	
VE4	L	Sep 2006	VE4XT	22	92	16	130	42	5460	TG	L									
VE4	Q									TG	Q									
VE5	H	Sep 2000	VE5DX	122	92	50	264	43	11,352	V4	H	Feb 1996	V40Z (AA7VB)	0	21	33	54	23	1242	
VE5	L	Feb 2003	VE5SF	106	119	12	237	49	11,613	V4	L									
VE5	Q									V4	Q									
VE6	H	Feb 2000	VE6EX	228	43				9804	VP2E	H	Feb 2009	VP2E (N5AU)	58	90	71	219	40	8760	
VE6	L	Sep 1999	VE6EX	117	64	14	195	46	8970	VP2E	L									
VE6	Q									VP2E	Q									
VE7	H	Feb 2000	VA7RR	151	128	37	316	48	15,168	VP9	H	Feb 1985	W6OAT/VP9	43	93	66	202	31	6262	
VE7	L	Sep 2006	VA7ST	62	46	49	157	39	6123	VP9	L	Sep 2005	WA4PGM/VP9	77	59	17	153	36	5508	
VE7	Q									VP9	Q									
VE8	H	Feb 2000	VY1JA	36	0	0	36	22	792	XE	H	Sep 1990	XE2XA (WN4KKN)	134	127	44	305	47	14,335	
VE8	L									XE	L	Sep 2003	XF1K (N6AN)	113	85	39	237	47	11,139	
VE8	Q									XE	Q									
4U1	H	Feb 1985	4U1UN (W2TO)	3	52	15	70	23	1610	ZF	H	Sep 1992	ZF2KI (K1KI)	154	90	7	251	49	12,299	
4U1	L									ZF	L	Sep 2008	ZF2BJ (K0BJ)	86	78	80	244	41	10,004	
4U1	Q									ZF	Q									
8P	H	Sep 2002	8P9JG (N5KO)	164	105	8	277	42	11,634	9A	H	Sep 2000	9A6XX	29	0	0	29	19	551	
8P	L									CT	H	Sep 1998	CT1BOH	122	76	27	225	40	9000	
8P	Q									DL	H	Feb 2006	DJ1YFK	0	30	12	42	21	882	
C6	H	Feb 1999	C6AKP	15	4	2	21	14	294	EA8	H	Feb 1994	EA1AK/ EA8	15	21	0	36	21	756	
C6	L									F	H	Sep 1990	F/N6TR	100	78	18	196	38	7448	
C6	Q									G	H	Feb 2002	G4BUO	45	84	31	160	40	6400	
HH	H	Sep 1996	HH2AW	48	61	30	139	33	4587	HC8	H	Feb 2000	HC8N (N5KO)	142	121	8	271	52	14,092	
HH	L									I	H	Sep 1998	IK0HBN	64	26	10	100	35	3500	
HH	Q									JA	H	Feb 1991	7J1AAI	13	0	0	13	9	117	
HI	H	Feb 1991	HI8DMX	0	40	0	40	19	2420	KH6	H	Sep 2006	KH6/W6PH	77	52	0	129	40	5160	
HI	L									LU	H	Feb 2003	LU1FAM	74	18	0	92	35	3220	
HI	Q									LY	H	Sep 2000	LY4AA	107	56	0	163	38	6194	
HP	H	Feb 2000	HP1AC	50	14	0	64	30	1920	OH	H	Sep 1998	OH1NOA	56	0	0	56	22	1232	
HP	L									ON	H	Sep 2007	ON5ZO	1	10	0	11	9	99	
HP	Q									P4	H	Sep 2007	P40/W2GD	105	82	33	220	41	9020	
										PY	H	Sep 1980	PY8ZPJ	28	1	0	29	14	406	
										UA9	H	Feb 2000	RU0SN	15	0	0	15	13	195	
										UN	H	Sep 2000	UP6F	13	0	0	13	10	130	
										VK	H	Sep 1994	VK5GN (N6AA)	48	0	0	48	22	1056	
										ZD8	H	Sep 1990	ZD8Z (N6TJ)	116	93	19	228	43	9804	
										ZS	H	Feb 2000	ZS1ESC (N6AA)	51	0	0	51	18	918	

NCJ