

Results: North American Sprint CW — February 2014

In an Olympic biathlon, competitors sprint (on skis), stop and shoot, and then repeat. In the 74th running of the North American CW Sprint, competitors did pretty much the same things, albeit substituting VFO knobs for skis and Yagis for rifles. Unlike the Sochi winter Olympics, conditions were fantastic for the February Sprint. Despite constant predictions of sunspots going the way of payphones, the solar flux was at 177, keeping 20 meters open all night long. The low bands were quiet as well. The only negative on the bands was an RTTY event on 40 that caused much *deedle-deedle* QRM.

Several commented that activity seemed down. There were 221 stations active this time, down about 10 percent from the average of the nine CW Sprints so far this decade, and down 24 percent from the 290 stations participating in the February 2013 running. The CW Sprint can be the fastest 4 hours in contesting, but the excitement fades as participation drops. We need to get frequent fliers back into the game and convince new blood to join in. *Get out the word!*

Despite the lower head count, multipliers were plentiful. Andy, N2NT, snared 53 of them, just two shy of the record shared by N2NL and K9PG. NP2X, KP3/K1ZZ, and XE2S combined for a total of more than 500 contacts, handing out rare NA multipliers. The net result of all these factors was six Sprinters reporting personal bests. High point-value ARRL Centennial contest stations (such as K1ZZ and W6RGG) were represented in the Sprint, gladdening those who also like really, really long contests.

High Power

Coming in first for the eighth time, Steve, N2IC, took advantage of abundant multipliers to edge out Trey, N5KO, for top honors in the High Power category. With both breaking the 19,000 point mark, Steve's three mult advantage trumped Trey's 12 QSO lead, giving N2IC the win by 2.8 percent. Remarkably, Steve's 377 contact log was also error free — sort of like Miss Universe also being a Rhodes Scholar. Steve has now won three Sprints in a row and five of the last six, with Trey winning in September 2012. In fact, you have to go back to September 2009 to find a call sign other than N2IC or N5KO at the

top of the High Power heap.

N9RV matched N2IC's multiplier total, but Pat's slower start in the first hour led to 14 fewer QSOs than N2IC and 26 less than N5KO overall, earning him third place. Coming in fourth was the multiplier leader, Andy, N2NT. Andy felt that he ran out of stations to work on 80, and his 62 contacts in the final hour was the lowest

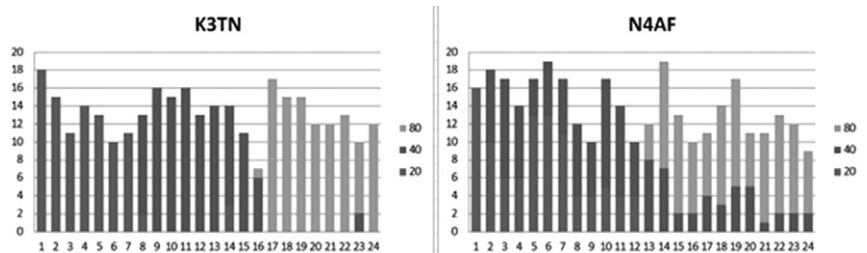
among the Top 10. Tree, N6TR, placed fifth with a strong QSO total, but he missed a few available multipliers. KØEU, N5RZ, N6TV, N6WIN, and W9RE rounded out the Top 10.

Showing the power of skilled use of multiple radios, the Top 10 operators all made more than 100 band changes, and the scores were almost in direct

The SO2R Advantage (Skilled Operator, Two Radios)

Guest oping at a well-equipped station (K4VV) in a SO1R setup, I scored a personal best in this Sprint, breaking 300 Qs for the first time. While I tanked on multipliers (45), I felt pretty good about my 314 contact effort when I entered the score into the 3830 website — until I saw N4AF's 334 QSOs. Howie's a perennial Top 10er in many contests and a very experienced SO2R guy, so I was not surprised that he whopped me. At the same time, I wanted to figure out where those extra 20 QSOs came from.

Howie graciously agreed to share logs, and I created a set of bar graphs showing our 10 minute rates on each band across the Sprint's 24 10-minute segments.



A few things were immediately apparent. First, I was amazed that Howie made 40 meter QSOs in every 10 minute segment except the very first. It takes me the first 30 minutes of a Sprint to get in sync with just one signal in both ears; Howie is coming out of the starting gate and immediately lighting his SO2R afterburner. This gave him a 12-contact advantage on 40 meters alone.

I beat Howie ("A!" to you Sprinters) in 11 segments, he beat me in 11, and we tied in two. Sounds pretty even, but in two key time periods, Howie built the lead that resulted in his eventual 20-contact advantage: From 0050 to 0120 he beat me by 19 Qs, and between 0220 and 0240 Howie gained another 10 QSOs. I gained back nine of those contacts in the other 3 hours, but those 60 minutes were the difference.

Those two 30 minute stretches line up with the transition times from 20/40 meters and 40/80 meters, especially in a Sprint such as this one, where participation was relatively low, and the bands get worked out a bit sooner. N4AF was also able to work stations on 20 all the way through 0200, with a whopping 13 Qs of his lead over me coming from that band. Bottom line: Howie's skill at SO2R squeezed more out of those 4 hours than I did.

A note on accuracy: I knew I had no realistic chance at the High Power Top 10, but I was aiming to break into the "SO1R Top 10," which lists the leaders with 12 or fewer band changes. The score I submitted to 3830 (14,130) would have just edged out N3ZZ for ninth place. But I had two Not-In-Log contacts (NILs), resulting in a four QSO reduction that dropped my score to 13,950, missing out to NM5M on the SO1R Top 10 by 50 points. I was pretty careful throughout the Sprint to get repeats, if I wasn't absolutely sure of something, and I copied every bit of every exchange correctly. But it looks like both NILs involved contacts where I'd answered a CQ, but the CQer had not really come back to me. This probably happened when callers covered up the start of the CQers response, and I paid the price for making two bad assumptions. Lesson learned. — John Pescatore, K3TN

proportion to the number of band changes. Dick, N6AA, won the "old school Sprint" competition, making a bare minimum two band changes on the way to a 15,912 score, edging Mike, K9NW, by fewer than 600 points for the "We don't need no steenkin' second radio" trophy. (See sidebar, "The SO2R Advantage (Skilled Operator, Two Radios)."

Low Power

The amp-free crowd raised the bar once again, with all Top 10 scores topping 12,000 points. Another Steve, N9CK, reclaimed the top spot, with Jay, W1UJ, taking second place. Steve's 26 QSO edge on 80 trumped Jay's 12 QSO advantage on 20. Don, W4OC, came in third with a fine contact total, but he was down in multipliers. Ray, WQ5L, came in fourth, while only making two band changes, edging out Hal, W1NN, by just one contact. K7SV, NAØN, N6ZFO, KU5B, and NØAX rounded out the Low Power Top 10. Half of the Top 10 made fewer than five band changes, reversing a trend of SO2R becoming the norm for the Low Power category. Other than WQ5L, however, the top five Low Power scores were all earned by SO2R ops.

QRP

Two peanut whistle Sprinters broke the 10,000 point mark, with Bud, N7CW, leveraging a two multiplier advantage to edge out frequent QRPmeister Ken, KE3X, by just over 200 points. Both Ken and Bud came within a few contacts or mults of breaking the 12-year-old QRP record held by Dan, K7SS. Burt, NN7SS, Carl, N5OE, Jim, K9JWV, Zig, N8XX, Dave, N3HCN, and Jon, VA7JC, filled out the top scores in the QRP category.

Team Competition

The Ad Hoc and NCCC teams once again battled it out for the team championship, and, once again, Ad Hoc came out on top. The gap this time was 5 percent, helped by the Ad Hoc Team's three-to-two advantage in Top 10 scores. The DFW Contest Group #1 team jumped from eighth in the September Sprint to third this time, mostly through the sneaky strategy of fielding a full slate of 10 entrants. The Mad River Radio Club/North Coast Contest Club East and West teams took fourth and fifth places, respectively, pushing the Southeast Coalition #1 team down to sixth place.

Putting together a Sprint team is a great way to increase overall activity, especially by bringing some new Sprinters into the event. Take advantage of your local club's e-mail reflector and the CQ-Contest list to add some teams in the next Sprint.

Golden Logs

The two Steves (N2IC and N9CK) not only came in first in High Power and Low Power, respectively, they sent in error-free logs as well. Having both High and Low Power winners turning in Golden Logs has happened rarely, if ever. Fourteen other entrants made the Golden Log list this running, with four (N2IC, W6YX, K9NW, and N6AA) logging more than 300 QSOs, and six others (N9CK, VE3JM, W6OAT, WQ5L, W1NN, and NØAX) topping 275 QSOs with perfect logs. W9CF turned in

a 194 QSO log without a single fumble.

Tree's analysis of the logs shows that when an operator uses a different name or state than in the past, about 5 percent of the stations will bust the exchange. Some of this may be due to muscle memory ignoring what the ears reported, but it also likely indicates the use of history files. There is no prohibition on the use of databases, but you need to *log what the other operator sends*, not what the database displays.

Top 10 Scores

Call Sign	Score	Bnd Chgs	Qs Lost	00Z	01Z	02Z	03Z
N2IC	19,604	164	0	121	87	83	86
N5KO	19,061	191	1	112	93	101	83
N9RV	18,876	131	1	112	87	80	84
N2NT	17,914	129	6	106	82	88	62
N6TR	17,907	142	3	111	89	96	85
KØEU	17,799	128	3	102	89	86	72
N5RZ	17,799	131	3	104	83	93	69
N6TV	17,450	88	2	105	89	75	80
N6WIN	17,391	68	4	105	83	79	74
W9RE	17,238	148	3	102	82	77	77

Top 10 High Power (Max 12 Band Changes)

Call Sign	Score	Bnd Chgs	Qs Lost	00Z	01Z	02Z	03Z
N6AA	15,912	2	0	82	57	81	86
K9NW	15,680	4	0	85	68	90	77
K1KI	15,504	2	4	91	89	69	74
K6LL	15,435	2	3	85	78	70	82
K3LR	15,239	8	2	90	72	76	73
K1DG	15,072	2	3	90	83	71	70
K9YC	14,455	10	7	83	69	64	79
N2NC	14,259	6	1	82	71	65	73
N3ZZ	14,112	2	8	76	73	69	70
NM5M	14,100	2	8	88	71	73	68

Top 10 QSO Totals

N5KO	389
N6TR	381
N2IC	377
N9RV	363
KØEU	349
N5RZ	349
N6TV	349
N6WIN	341
N2NT	338
W9RE	338

Top 10 Multipliers

N2NT	53
K5GN	52
N2IC	52
N6AA	52
N9RV	52
AA3B	51
KØEU	51
N5RZ	51
N6WIN	51
W6YX	51
W9RE	51

Top 10 Low Power

N9CK	14,208
W1UJ	13,440
W4OC	13,365

Top 10 Low Power (Max 12 Band Changes)

WQ5L	13,248
W1NN	13,200
K7SV	12,720
NAØN	12,645
N6ZFO	12,643
KU5B	12,452
NØAX	12,285
N8EA	12,052
N4PN	11,822
N5DO	11,224
K3UA	10,912
N4OX	10,764

Top QRP

N7CW	10,464
KE3X	10,212
NN7SS	7,749
N5OE	3,465
K9JWV	2,945
N8XX	814
N3HCN	425
VA7JC	25

Golden Logs

N2IC	377
W6YX	324
K9NW	320
N6AA	306
N9CK	296
VE3JM	294
W6OAT	288
WQ5L	276
W1NN	275
NØAX	273
W9CF	194
K4BAI	60
NWØM	54
K4ORD	25
N3HCN	25

Top 10 Band Changes

N5KO	191
K5GN	164
N2IC	164
W9RE	148
N4ZZ	146
N6TR	142
N4OGW	141
AA3B	140
NO3M	136
N5RZ	131
N9RV	131

Records

The higher-than-normal multiplier counts and some activity from new places toppled a number of records. Bud, AA3B, erased a 10-year-old High Power record for Pennsylvania. Ken, KE3X, pushed up his existing QRP record in Virginia. Steve, N2IC, missed setting a new High Power mark for New Mexico by one contact (actually, less than one, but we rounded up). Bud, N7CW, more than doubled the old Arizona QRP record. Pat, N9RV, continues to rewrite the Montana record book by improving on his High Power record. In the W8 call district, two Low Power records were eclipsed. Joe, N8EA, bested his previous record by one QSO, and Hal, W1NN, erased the previous record in Ohio that had been held for more than a decade by K8NZ. Bob, WØBH, bettered his High Power Kansas record, and Ward, NØAX, did the same for his Missouri Low Power record. In Canada, we saw three new records. Mike, VE9AA, set a new High Power record in the Maritimes. Vlad, VE3JM, set a new high for the Ontario High Power category, erasing the old record that VE3EJ had held since 2000. Jon, VA7JC, submitted the first-ever

QRP score from British Columbia. In the DX category, Ed, NP2X, smashed his old high power mark from KP2. We also had *two* entries from Uruguay (CX) for the first time, and Jorge, CX6VM, claimed the CX record.

Next Time

The next CW Sprint will September 7 (Saturday, September 6, in North American time zones). The starting time is 0000 UTC, and you may operate for the entire 240 minutes, from 0000 to 0359 UTC inclusive. If you start a contact just before the clock ticks over to 0400, feel free to finish and log it at 0359Z. You may *not* start a QSO before 0000 UTC, however!

For team registration, use the *NCJ* website, www.ncjweb.com. Logs can be submitted via e-mail to cwsprint@kkn.net or by using the log submission form on the *NCJ* website. *Logs are due 7 days after the contest!* Final scores typically are posted within 2 weeks of the contest and are announced on the *NCJ* website and on the CQ-Contest reflector.

Check out the Web resources, www.kkn.net/n6tr/sprint.html, and rules, records and previous results at the *NCJ*

website. The CQ-Contest reflector also is a great place to ask questions about this event. The contesting Wiki also has useful information, http://wiki.contesting.com/index.php/Operating_the_sprints.

Editor's note: The Boring Amateur Radio Club thanks John, K3TN, for serving as guest author for this results article.

Soapbox

Excellent bands conditions, great signals, and no static crashes! My first entry in this contest. I will be back! — *WB4OMM*

There is just something about reaching 300 Qs that is totally impossible for me. The last 30 minutes was very slow and no couplets. — *N1LN*

Bands were in great shape. I think activity was down. — *K07AA*

One radio, two band changes, just a walk in the park. — *K6LL*

Love this contest, but the power line noise on 40 kills me. Stations call me, but they are under the noise. — *W7WHY*

Some fine scores out there. Mine wasn't one of them. Never could get any traction! — *N5RZ*

I just couldn't make it work in the first two hours. — *KØRF*

Team Scores

1. Ad Hoc	2. Northern California Contest Club #1	3. DFW Contest Group #1	4. MRRC + NCC + Friends East
N2IC 19,604	N5KO 19,061	N5RZ 17,799	NO3M 15,984
N9RV 18,876	N6TV 17,450	K5GN 16,848	K3LR 15,239
W9RE 17,238	W6YX 16,524	K5WA 14,928	W2FU 15,000
N4OGW 16,850	N6RO 16,400	NM5M 14,100	W2RQ 13,536
K4RO 15,925	K6XX 15,696	WQ5L 13,248	NP2X 13,488
N4AF 15,600	K9YC 14,455	K5TR 13,160	NW2K 12,314
W4NZ 14,259	W7RN 14,208	KU5B 12,452	K8MR 12,188
N9CK 14,208	W6SX 13,635	N5DO 11,224	K3UA 10,912
W4OC 13,365	K6AW 12,236	K5CI 9,585	N3SD 6,045
N4ZZ 12,878	AJ6V 11,790	N5QQ 9,430	K1AR 1,769
Total 158,803	Total 151,455	Total 132,774	Total 116,475

Team	Operators	Total	Guest Operators
5. MRRC/NCC West	K9NW, KW8N, W1NN, N8AA, N8EA, KL7RA, ND8L, N8SS, W9PA, N8XX	102, 809	AA8YS (N8NA) K5TR (K5OT) K6AW (@N6DZ) KA3DRR (@W6SL) KE3X (@N4RV) KZ2V (@NW6P) N4NA (NB4M) N5KO (@W6NL) N6AN (@W6UE) N6WIN (N6MJ) N7XU (K4XU) NN7SS (K6UFO) NP2X (K9VV) NR5M (N5NU) W6YX (N7MH)
6. SESC #1	KØEJ, NA4K, N4DW, N4PN, KU8E, N4OX, W4UX, K4FXN, K4BAI	91, 811	
7. FRC	N2NT, AA3B, N2NC, W3KB, WW2Y, K3MD, N3AD	82, 999	
8. Vortex	K1KI, W1UJ, W6PH, K1GU, W1EBI, K2KQ, K1ZZ, NB1U	77, 771	
9. NCCC #2	N3ZZ, W6OAT, K6SRZ, KZ2V, W6RGG, N6XI, W6CT, K6CSL	71, 185	
10. PVRC	K3TN, N1LN, K7SV, W4AU, KE3X, N3QE	71, 157	
11. Arizona Outlaws	K6LL, KO7AA, AA7V, N7CW, W7CT, W9CF, N6VR	70, 652	
12. So Calif Contest Club	N6WIN, N6AA, K6LA, W6UE, W4EF	68, 453	
13. Canada #1	VE3JM, VE3KI, VE9AA, VE3CX, VE4EA, VE4XT	53, 447	
14. Boring Old Men	N6TR, WS7L, W7WHY, K7RF, N7VS	49, 935	
15. Broncos	KØEU, KØRF, WØETT, NØTA, KH6CJJ, WØHXB	47, 510	
16. DFW Contest Group #2	N5OE, K5NZ	6, 600	

Call Sign	Name	QTH	20	40	80	QSO	Mlt	Score	Band Chgs	Team	Call Sign	Name	QTH	20	40	80	QSO	Mlt	Score	Band Chgs	Team	
K1KI	TOM	CT	102	118	103	323	48	15,504	2	Vortex	K2ZV	NICK	CA	88	92	52	232	46	10,672	2	NCCC #2	
K1DG	DOUG	NH	99	111	104	314	48	15,072	2		W6RGG	BOB	CA	84	89	51	224	45	10,080	2	NCCC #2	
W1UJ	*JAY	MA	94	107	79	280	48	13,440	82	Vortex	N6ER	KEVIN	CA	62	55	63	180	40	7,200	34		
W1EBI	GEO	MA	71	83	85	239	43	10,277	2	Vortex	W4EF	MIKE	CA	0	101	67	168	42	7,056	1	SCCC	
WW1ME	*RICK	ME	45	53	43	141	36	5,076	4		N6XI	RICK	CA	104	57	0	161	40	6,440	3	NCCC #2	
NB1U	MARK	RI	19	20	43	82	31	2,542	2	Vortex	W6CT	*SCOTT	CA	45	45	30	120	29	3,480	2	NCCC #2	
K1AR	JOHN	NH	0	30	31	61	29	1,769	1	MRRRC/NCC East	N5ZO	MARKO	CA	1	47	0	48	23	1,104	1		
N2NT	ANDY	NJ	103	128	107	338	53	17,914	129	FRC	K6CSL	*BERT	CA	17	17	5	39	17	663	2	NCCC #2	
W2FU	KEN	NY	78	121	101	300	50	15,000	80	MRRRC/NCC East	N9RV	PAT	MT	121	146	96	363	52	18,876	131	Ad Hoc	
N2NC	JOHN	NJ	98	104	89	291	49	14,259	6	FRC	N6TR	TREE	OR	114	145	122	381	47	17,907	142	Boring	
W2RQ	BILL	NJ	106	69	107	282	48	13,536	4	MRRRC/NCC East	K6LL	DAVE	AZ	117	117	81	315	49	15,435	2	Outlaws	
NW2K	DEAN	NY	82	96	84	262	47	12,314	12	MRRRC/NCC East	W7RN	TOM	NV	87	119	90	296	48	14,208	112	NCCC #1	
WW2Y	PETER	NJ	77	77	64	218	43	9,374	2	FRC	K07AA	BILL	AZ	104	97	95	296	47	13,912	4	Outlaws	
K2KQ	DON	NY	0	133	0	133	45	5,985	0	Vortex	AA7V	STEVE	AZ	93	82	78	253	48	12,144	4	Outlaws	
AA3B	BUD	PA	88	132	108	328	51	16,728	140	FRC	K4XU	DICK	OR	71	89	89	249	46	11,454	11		
NO3M	TY	PA	96	128	109	333	48	15,984	136	MRRRC/NCC East	N7CW	**BUD	AZ	69	93	56	218	48	10,464	2	Outlaws	
K3LR	TIM	PA	107	106	98	311	49	15,239	8	MRRRC/NCC East	WS7L	CARL	OR	98	75	57	230	44	10,120	4	Boring	
K3WW	CHAS	PA	85	106	69	260	49	12,740	14		W7WHY	TOM	OR	90	44	84	218	43	9,374	6	Boring	
K3UA	*PHIL	PA	77	70	101	248	44	10,912	2	MRRRC/NCC East	K7RF	*JON	OR	95	86	32	213	44	9,372	4	Boring	
W3KB	*KEITH	PA	74	96	59	229	46	10,534	2	FRC	KL7RA	RICH	AK	98	95	21	214	43	9,202	2	MRRRC/NCC	
N3QE	*TIM	MD	44	80	76	200	43	8,600	2	PVRC	West											
K3MD	JOHN	PA	50	57	79	186	44	8,184	8	FRC	W7CT	JIM	UT	40	84	75	199	41	8,159	87	Outlaws	
N3SD	*GREG	PA	34	47	74	155	39	6,045	8	MRRRC/NCC East	NN7SS	*BURT	WA	83	74	32	189	41	7,749	2		
N3AD	ALAN	PA	69	73	12	154	39	6,006	6	FRC	W9CF	*KEVIN	AZ	74	76	44	194	37	7,178	2	Outlaws	
N3HCN	**DAVE	MD	0	25	0	25	17	425	0		K17Y	JIM	OR	71	78	30	179	38	6,802	2		
K4RO	KIRK	TN	87	131	107	325	49	15,925	110	Ad Hoc	N6VR	RAY	AZ	13	34	58	105	32	3,360	2	Outlaws	
N4AF	AL	NC	94	125	106	325	48	15,600	123	Ad Hoc	N7VS	*STEVE	OR	41	32	20	93	34	3,162	2	Boring	
W4NZ	TED	TN	89	99	103	291	49	14,259	34	Ad Hoc	K9JVV	**JIM	UT	35	23	37	95	31	2,945	6		
K3TN	JOHN	VA	93	112	105	310	45	13,950	6	PVRC	KW8N	BOB	OH	80	100	113	293	50	14,650	40	MRRRC/NCC	
N1LN	BRUCE	NC	72	111	100	283	49	13,867	8	PVRC	West											
KØEJ	MARK	TN	79	102	105	286	47	13,442	6	SESC #1	W1NN	*HAL	OH	79	100	96	275	48	13,200	24	MRRRC/NCC	
W4OC	*DON	SC	93	102	102	297	45	13,365	59	Ad Hoc	West											
NA4K	STEVE	TN	95	101	84	280	47	13,160	2	SESC #1	N8AA	JOHN	OH	57	113	96	266	48	12,768	10	MRRRC/NCC	
N4ZZ	DON	TN	87	109	78	274	47	12,878	146	Ad Hoc	West											
K7SV	*LAR	VA	92	87	86	265	48	12,720	4	PVRC	N8EA	*JOE	MI	74	90	98	262	46	12,052	12	MRRRC/NCC	
K1GU	NED	TN	83	95	91	269	46	12,374	2	Vortex	West											
K8MR	JIM	FL	111	98	68	277	44	12,188	12	MRRRC/NCC East	KV8Q	*TOM	OH	57	70	90	217	45	9,765	10		
N4DW	DAVE	TN	68	83	97	248	48	11,904	10	SESC #1	ND8L	RAY	OH	62	73	60	195	47	9,165	3	MRRRC/NCC	
N4PN	*PAUL	GA	98	79	80	257	46	11,822	2	SESC #1	West											
W4AU	JOHN	VA	60	91	95	246	48	11,808	4	PVRC	N8SS	*EARL	MI	54	67	79	200	43	8,600	3	MRRRC/NCC	
KU8E	*JEFF	GA	79	96	72	247	45	11,115	44	SESC #1	West											
N4OX	*JAY	FL	87	94	53	234	46	10,764	4	SESC #1	N8XX	**ZIG	MI	0	29	8	37	22	814	1	MRRRC/NCC	
KE3X	**KEN	VA	63	86	73	222	46	10,212	6	PVRC	West											
W4UX	*JIM	NC	5	113	85	203	48	9,744	2	SESC #1	W9RE	MIKE	IN	80	145	113	338	51	17,238	148	Ad Hoc	
K4FXN	*DAN	KY	46	84	76	206	40	8,240	7	SESC #1	K9NW	MIKE	IN	88	121	111	320	49	15,680	4	MRRRC/NCC	
N4OO	*BRIAN	GA	37	71	48	156	41	6,396	62		West											
N5TOO	*VAN	GA	39	70	26	135	40	5,400	9		N9CK	*STEVE	WI	82	109	105	296	48	14,208	90	Ad Hoc	
AA4CF	CHARLIE	GA	36	44	37	117	38	4,446	2		W19WI	JIM	WI	71	90	76	237	45	10,665	2		
K4BAI	JOHN	GA	18	11	31	60	27	1,620	2	SESC #1	K9AA	*MOE	IL	66	95	75	236	44	10,384	10		
WB4OMM	*STEVE	FL	14	11	10	35	24	840	2		W9PA	*DAVE	IN	44	57	58	159	42	6,678	2	MRRRC/NCC	
K4ORD	*RILEY	VA	2	5	18	25	17	425	2		West											
WR1Q	*LYLE	TN	8	17	0	25	17	425	2		K9KM	*HOWIE	IL	39	69	52	160	40	6,400	6		
N2IC	STEVE	NM	124	148	105	377	52	19,604	164	Ad Hoc	KØEU	KEN	CO	124	132	93	349	51	17,799	128	Broncos	
N5RZ	GATOR	TX	104	135	110	349	51	17,799	131	DFW CG #1	WDØT	TODD	SD	96	125	102	323	47	15,181	59		
N4OGW	TOR	MS	101	136	100	337	50	16,850	141	Ad Hoc	NAØN	*PAT	MN	80	104	97	281	45	12,645	96		
K5GN	DAVE	TX	105	127	92	324	52	16,848	164	DFW CG #1	WØBH	BOB	KS	74	93	101	268	47	12,596	32		
K5WA	BOB	TX	98	115	98	311	48	14,928	102	DFW CG #1	NØAX	*WARD	MO	72	112	89	273	45	12,285	2		
NM5M	ERIC	TX	109	109	82	300	47	14,100	2	DFW CG #1	KØRF	CHUCK	CO	16	124	105	245	47	11,515	29	Broncos	
AA5B	BRUCE	NM	101	109	96	306	45	13,770	2		WØET	*KEN	CO	73	86	49	208	47	9,776	7	Broncos	
WQ5L	*RAY	MS	93	102	81	276	48	13,248	2	DFW CG #1	NØAC	BILL	IA	49	67	61	177	40	7,080	5		
KZ5D	ART	LA	113	91	77	281	47	13,207	62		NØTA	JOHN	CO	72	70	44	186	35	6,510	2	Broncos	
K5TR	GEO	TX	115	90	75	280	47	13,160	60	DFW CG #1	N9HDE	*SCOTT	IA	0	54	0	54	30	1,620	0		
KU5B	*BOB	TX	101	104	78	283	44	12,452	2	DFW CG #1	NWØM	*MITCH	MO	21	9	24	54	25	1,350	4		
N5DO	*DAVE	TX	91	72	81	244	46	11,224	2	DFW CG #1	WØHXB	*PETE	NE	12	13	0	25	14	350	1	Broncos	
K5CI	LEO	TX	62	92	59	213	45	9,585	2	DFW CG #1	VE3JM	VLAD	ON	90	117	87	294	50	14,700	60	Canada #1	
N5QO	RON	TX	65	94	71	230	41	9,430	6	DFW CG #1												

My first time breaking 200 Qs and also 10k pts in this one. I usually do LP and never the full 4 hours. — VE9AA

Personal best from KP2, but hope to break 300 someday, with real antennas. Soon come 'mon. — NP2X (K9VV)

It was sure hard to tear myself away from the FT5ZM pileup on 80 meters. Managed to corrupt the CW message file somehow and stumbled badly out of the gate. Lots of activity. Tell your friends about sprinting! — NØAX

Oh, well, 300+ Qs will have to wait another year. Surprised to work more stations on 80 than on 20. — W7RN (K7GK)

Personal best. Couldn't ask for better conditions. DE and ME got away. Never heard my neighboring states of AL and AR. — WQ5L

Ran out of guys to work in the last half hour! Too bad there wasn't more activity. — N2NT

Worked all the mults I heard! Nice conditions and pretty good activity. — W9RE

Late start and then couldn't seem to get anything going. Lots of big signals on all three bands... Activity seemed down for this one. — N4PN

My personal best in the CW Sprint. Good conditions all around. — W1EBI

My highest score ever, and only my second time to break 200 QSOs while QRP. — NN7SS (K6UFO)

Full marks to Cary, VE4EA, who has helped rejuvenate interest in contesting in Manitoba! Having a blast again, almost like a newbie. — VE4XT

My first NA Sprint so my score, QSOs, and mults are the baseline for a future contest. Thanks to all who worked at pulling my peanut whistle signal out of the mud! — K9JVV

Conditions on all bands were good. Was not able to put in full session. — WA6URY (operating remotely from Tokyo)

My second Sprint. It was ugly. Sorry about all the gaffes — W7CT

My first attempt at a Sprint. It was a real eye opener at first, especially the speed of so many ops. I eventually got into the swing of things and began to enjoy it. We in Hawaii are pretty far away from most of the action, and the timing is bad for the lower bands. — KH6CJJ

Pen-and-paper logging and manual sending. On the plus side, lots of good mults. — W2RQ

First time ever operating in this contest. Had to watch the Duke-Syracuse basketball game, so op time was limited. — K2QB

Working on ARRL Centennial QSO Party and decided to hunt for high point value members in the sprint. Got W6RGG on three bands several other Directors on one band only. Wasted the last half-hour trying to catch them on 40 and 80. Now I remember why I hung up my track shoes. — K3WW

After years of playing in the faster lanes, thought it might be interesting to view the Sprint from the perspective of about 15 WPM. Very few will answer a 15 WPM CQ, unless it's a needed mult. Pretty much invisible to most when in the slow lane, even though I know I was loud enough to

be heard well. Won't make it a habit, but it was fun! — K7SS

I'm here to tell you that SO2R and texting go together about as well as texting and driving! About halfway through the Sprint, we added a first grandson with updates coming in by text throughout. — WØBH

I still lose sync on this contest once in a while and have a tough time sending or receiving an exchange. On the plus side, the exchange is long enough to take a bite of sandwich or a drink while the computer is doing its job. — WS7L

My first NA CW Sprint, so I apologize for the mistakes. Business had me in San Diego. Arrived at the hotel and found I had a fifth floor room with balcony looking north. Threw a 51 foot wire out over a palm tree and sat on the balcony with KX1 at 4 W. — WA8HSB

Minimalist Sprint. One radio, two band changes. — W19WI

I was very happy to work two stations east of the Mississippi River on 80. — W6CT

Conditions seemed to be very good. My concentration was not. Nice to work CX6VM. Mari, CX1JJ, attempted her first Sprint with 100 W. Working KP3/K1ZZ was a treat. Some ops are a bit too hasty to drop in their calls before knowing that the QSO they are waiting on is actually complete. — W6UE (N6AN)

We need another 100 Sprinters. Lots of tuning through loud stations all calling CQ, but all dupes. — KL7RA

Pretty good conditions, but it seemed like a lack of activity. — KV8Q

CW Sprint Records Through February 2014

QTH	Pwr	Date	Call Sign	20	40	80	QSO	Mult	Score	QTH	Pwr	Date	Call Sign	20	40	80	QSO	Mult	Score
CT	H	Sep 2003	K1KI	153	132	84	369	50	18,450	MD	H	Sep 1989	W3LPL	120	110	80	310	47	14,570
CT	L	Sep 1999	NT1N	122	115	43	280	49	13,720	MD	L	Sep 2013	N3QE	73	105	68	246	43	10,578
CT	Q	Feb 2013	NN1N	62	70	56	188	46	8,648	MD	Q	Feb 2013	KE3X	52	29	60	141	40	5,640
MA	H	Feb 2003	K5ZD	136	144	85	365	54	19,710	PA	H	Feb 2014	AA3B	88	132	108	328	51	16,562
MA	L	Feb 2003	K1HT	72	106	114	292	50	14,600	PA	L	Sep 2013	K3UA	75	103	79	257	43	11,051
MA	Q	Sep 2003	NB1B	75	29	3	107	33	3,531	PA	Q	Sep 2007	K3MJW	7	27	49	83	27	2,241
ME	H	Sep 2008	N1LI (K1DG)	88	122	84	294	47	13,818	AL	H	Feb 2004	K4NO	115	98	67	280	48	13,440
ME	L	Sep 2006	N1LI (K1DG)	89	106	49	244	43	10,492	AL	L	Sep 2003	K4IQJ	70	89	60	219	44	9,636
ME	Q	Sep 2010	N1LI (K1DG)	91	72	50	213	40	8,520	AL	Q	Feb 1998	KJ3V	0	8	0	8	7	56
NH	H	Feb 2003	K1DG	129	119	83	331	50	16,550	FL	H	Feb 2003	N2NL	151	139	67	357	55	19,635
NH	L	Feb 2002	K1BX	131	76	62	269	47	12,643	FL	L	Sep 2003	KØLUZ	118	132	0	250	47	11,750
NH	Q	Sep 2012	K8CN	18	1	0	19	13	247	FL	Q	Sep 1999	N4BP	119	51	0	170	34	5,780
RI	H	Feb 2002	K1IG	122	95	93	310	47	14,570	GA	H	Sep 2003	K4AAA (W4AN)	146	170	88	404	54	21,816
RI	L	Sep 2011	W1WB	55	54	47	156	37	5,772	GA	L	Feb 2003	KU8E	42	124	81	247	48	11,856
RI	Q	Sep 2006	KO1H	10	8	0	18	9	162	GA	Q	Sep 2009	NA4BW	6	65	55	126	38	4,788
VT	H	Feb 2004	NT1Y (W4PA)	116	175	47	338	48	16,224	KY	H	Sep 1998	K4LT	82	107	92	281	44	12,364
VT	L	Sep 2009	K8MR/1	0	43	71	114	40	4,560	KY	L	Feb 2002	K4FXN	103	98	53	254	45	11,430
VT	Q	Sep 2004	WT1L	18	2	18	38	21	798	KY	Q	Sep 2011	KU4A	4	0	0	4	3	12
NJ	H	Feb 2003	N2NT	88	158	134	380	51	19,380	NC	H	Sep 2003	N4AF	98	129	115	342	49	16,758
NJ	L	Feb 1999	K2SQ	94	101	85	280	46	12,880	NC	L	Feb 1995	K7GM	73	101	69	243	45	10,935
NJ	Q	Sep 2010	KR2Q	58	59	31	148	41	6,068	NC	Q	Feb 2010	AA4XX	28	25	64	117	33	3,861
NY	H	Feb 2002	K2UA	113	123	85	321	50	16,050	SC	H	Sep 2008	W4OC	80	110	97	287	48	13,776
NY	L	Feb 2013	W2FU	75	105	103	283	47	13,301	SC	L	Sep 2003	W4OC	87	92	116	295	50	14,750
NY	Q	Sep 2010	N2ZN	36	75	56	167	43	7,181	SC	Q	Feb 2013	KX9X	6	27	5	38	22	836
DE	H	Sep 1989	KN5H	98	102	72	272	46	12,512	TN	H	Sep 2003	W4PA	134	163	96	393	51	20,043
DE	L	Sep 2008	N8NA	46	135	80	261	47	12,267	TN	L	Sep 2003	K4AMC	77	127	66	270	47	12,690
DE	Q	Sep 2009	N8NA	21	98	64	183	44	8,052	TN	Q	Sep 2013	NA4K	87	71	49	207	43	8,901

QTH	Pwr	Date	Call Sign	20	40	80	QSO	Mult	Score	QTH	Pwr	Date	Call Sign	20	40	80	QSO	Mult	Score	
VA	H	Sep 1989	KT3Y	95	122	79	296	48	14,208	WI	H	Feb 2000	K9AA (K9PG)	94	169	69	302	55	16,610	
VA	L	Feb 2003	K7SV	84	101	115	300	52	15,600	WI	L	Feb 2008	N9CK	70	126	115	311	48	14,928	
VA	Q	Feb 2014	KE3X	63	86	73	222	46	10,212	WI	Q	Feb 2012	KA9FOX	66	90	73	229	45	10,305	
AR	H	Sep 2009	N5DX	61	150	102	313	47	14,711	CO	H	Feb 2003	N2IC	154	151	84	389	52	20,228	
AR	L	Sep 2007	K5GO	99	82	78	259	44	11,396	CO	L	Feb 2008	KØEU	62	115	99	276	42	11,592	
AR	Q	Sep 2009	N5ER	14	15	16	45	23	1,035	CO	Q	Feb 2013	KØUK	41	54	41	136	35	4,760	
LA	H	Feb 1995	W5WMU (K5GA)	105	115	86	306	48	14,688	IA	H	Sep 2008	NØNI (AG9A)	108	134	108	350	47	16,450	
LA	L	Feb 2004	W5EKF	43	67	18	128	40	5,120	IA	L	Sep 1998	KØRX	70	84	73	227	43	9,761	
LA	Q	Sep 2007	KC5R	95	66	17	178	39	6,942	IA	Q	Sep 2006	AKØM	32	26	0	58	22	1,276	
MS	H	Sep 2008	N4OGW	90	139	110	339	50	16,950											
MS	L	Sep 2012	N4OGW	76	123	105	304	46	13,984	QTH	Pwr	Date	Call Sign	20	40	80	QSO	Mult	Score	
MS	Q	Feb 2002	WA2NYR	30	16	0	46	26	1,196	KS	H	Feb 2014	WØBH	74	93	101	268	47	12,596	
NM	H	Feb 2013	N2IC	133	167	109	409	48	19,632	KS	L	Sep 2004	K3LR	95	94	67	256	41	10,496	
NM	L	Feb 2008	AA5B	85	101	95	284	42	11,928	KS	Q									
NM	Q	Feb 2002	W5YA	121	75	28	224	42	9,408	MN	H	Feb 2003	KØSR	98	127	83	308	50	15,400	
OK	H	Sep 2003	K3LR	131	133	88	352	48	16,896	MN	L	Sep 2003	NAØN	112	125	51	288	47	13,536	
OK	L	Sep 1998	K5KA	79	89	62	230	40	9,200	MN	Q	Sep 2009	KEØG	44	75	35	154	34	5,236	
OK	Q	Sep 2004	K5KA	91	69	52	212	43	9,116	MO	H	Sep 1996	K4VX (WX3N)	104	133	95	332	46	15,272	
TX	H	Feb 2000	N5TJ	148	137	96	381	52	19,812	MO	L	Feb 2014	NØAX	72	112	89	273	45	12,285	
TX	L	Sep 1998	N5TJ	141	111	80	332	46	15,272	MO	Q	Sep 2004	NJ4X	61	99	38	198	41	8,118	
TX	Q	Feb 2000	KG5U	122	60	22	204	47	9,588	ND	H	Feb 2002	WBØO	124	106	88	318	47	14,946	
CA	H	Feb 2003	W6EEN (N6RT)	150	147	81	378	54	20,412	ND	L	Feb 1998	WØHSC (KBØO)	49	96	72	217	36	7,812	
CA	L	Feb 2004	N6MJ	106	158	77	341	50	17,050	NE	H	Sep 2008	WW2Y	57	101	98	256	42	10,752	
CA	Q	Sep 2010	K6UFO	88	90	36	214	39	8,346	NE	L	Sep 2006	WW2Y	59	102	61	222	45	9,990	
AK	H	Feb 2000	KL9A	139	63	0	202	47	9,494	NE	Q	Feb 2003	W8TM	0	116	0	116	41	4,756	
AK	L	Sep 2007	K6VVA/KL7	68	30	18	116	34	3,944	SD	H	Feb 2013	WDØT	79	145	124	348	47	16,356	
AK	Q	Sep 2003	N6TR/KL7	1	0	0	1	1	1	SD	L	Sep 2012	KT0A	55	95	57	207	41	8,487	
AZ	H	Feb 2000	K6LL	178	144	42	364	50	18,200	SD	Q									
AZ	L	Feb 2013	N7CW	61	122	95	278	46	12,788	VE1	H	Feb 2014	VE9AA	75	81	69	225	42	9,450	
AZ	Q	Feb 2014	N7CW	69	93	56	218	48	10,464	VE1	L	Sep 2000	VE9DX (K5NZ)	99	56	28	183	40	7,320	
ID	H	Feb 2000	W7ZRC	123	107	44	274	45	12,330	VE1	Q									
ID	L	Feb 2001	W7UQ (KL9A)	144	88	44	276	48	13,248	VE2	H	Sep 1988	VE2ZP	75	98	41	214	41	8,774	
ID	Q	Feb 2013	W7ZRC	65	84	38	187	41	7,667	VE2	L	Feb 2003	VE2AWR	49	77	26	152	39	5,928	
MT	H	Feb 2014	N9RV	121	146	96	363	52	18,876	VE2	Q									
MT	L	Feb 2013	K7BG	102	119	85	306	45	13,770	VE3	H	Feb 2014	VE3JM	90	117	87	294	50	14,700	
MT	Q	Sep 2009	KB7Q	35	71	56	162	38	6,156	VE3	L	Sep 2010	VE3DZ	78	98	93	269	44	11,836	
NV	H	Feb 2000	K7BV	106	141	43	290	50	14,500	VE3	Q									
NV	L	Feb 2000	KU7Y	88	116	0	204	45	9,180	VE4	H	Sep 2003	VE4/WBØO	136	130	0	266	45	11,970	
NV	Q	Feb 1999	KU7Y	59	69	20	148	40	5,920	VE4	L	Sep 2006	VE4XT	22	92	16	130	42	5,460	
OR	H	Feb 2003	N6TR	172	142	79	393	52	20,436	VE4	Q									
OR	L	Feb 2003	K4XU	121	110	46	277	47	13,019	VE5	H	Sep 2000	VE5DX	122	92	50	264	43	11,352	
OR	Q	Sep 2011	W7YAQ	69	50	29	148	40	5,920	VE5	L	Feb 2003	VE5SF	106	119	12	237	49	11,613	
UT	H	Sep 1991	K6XO	128	93	42	263	44	11,572	VE5	Q									
UT	L	Sep 1995	AH3C	59	91	65	215	38	8,170	VE6	H	Feb 2013	VE6EX	77	91	61	229	46	10,534	
UT	Q	Feb 2003	NC7J	101	96	38	235	45	10,575	VE6	L	Sep 1999	VE6EX	117	64	14	195	46	8,970	
WA	H	Feb 2003	W7WA	133	113	54	300	49	14,700	VE6	Q									
WA	L	Feb 2003	K7RI (K7SS)	149	111	37	297	53	15,741	VE7	H	Feb 2000	VA7RR	151	128	37	316	48	15,168	
WA	Q	Feb 2002	K7RI (K7SS)	109	112	19	240	45	10,800	VE7	L	Feb 2012	VA7ST	85	45	36	166	41	6,806	
WY	H	Sep 1999	K7KU (N2IC)	132	117	63	312	48	14,976	VE7	Q	Feb 2014	VA7JC	5	0	0	5	5	25	
WY	L	Feb 2004	KO7X	57	142	28	227	47	10,669	VE8	H	Feb 2000	VY1JA	36	0	0	36	22	792	
WY	Q	Sep 2008	KB7Q	1	78	8	87	29	2,523	VE8	L									
MI	H	Feb 2003	N8EA	197	124	100	331	52	17,212	VE8	Q									
MI	L	Feb 2014	N8EA	74	90	98	262	46	12,052	4U1	H	Feb 1985	4U1UN (W2TO)	3	52	15	70	23	1,610	
MI	Q	Sep 2009	N8EA	28	68	74	170	43	7,310	4U1	L									
OH	H	Feb 2003	K8MR	72	128	109	309	52	16,068	4U1	Q									
OH	L	Feb 2014	W1NN	79	100	96	275	48	13,200	8P	H	Sep 2002	8P9JG (N5KO)	164	105	8	277	42	11,634	
OH	Q	Sep 2004	N8VW	43	86	50	179	42	7,518	8P	L									
WV	H	Feb 2002	N4ZR	69	100	117	286	48	13,728	8P	Q									
WV	L	Sep 1998	K3LR	62	93	64	219	39	8,541	C6	H									
WV	Q	Sep 2003	K5IID	49	52	42	143	34	4,862	C6	L	Feb 1999	C6AKP	15	4	2	21	14	294	
IL	H	Sep 2003	AG9A	130	162	73	365	52	18,980	C6	Q									
IL	L	Sep 2003	K9AA (K9PG)	112	119	59	290	48	13,920	CO	H									
IL	Q	Feb 1999	WO9S	43	66	32	141	41	5,781	CO	L	Feb 2013	CO2CW	8	10	3	21	16	336	
IN	H	Sep 2003	N9RV	134	168	87	389	53	20,617	CO	Q									
IN	L	Feb 2003	KJ9C	76	95	91	262	48	12,576											
IN	Q	Feb 2008	WT9U	38	16	75	129	38	4,902											

QTH	Pwr	Date	Call Sign	20	40	80	QSO	Mult	Score	QTH	Pwr	Date	Call Sign	20	40	80	QSO	Mult	Score
HH	H	Sep 1996	HH2AW	48	61	30	139	33	4,587	XE	H	Sep 1990	XE2XA (WN4KKN)	134	127	44	305	47	14,335
HH	L									XE	L	Sep 2003	XF1K (N6AN)	113	85	39	237	47	11,139
HH	Q									XE	Q	Sep 2013	XE2S	43	37	0	80	32	2,560
HI	H	Feb 1991	HI8DMX	0	40	0	40	19	2,420	ZF	H	Sep 1992	ZF2KI (K1KI)	154	90	7	251	49	12,299
HI	L									ZF	L	Sep 2008	ZF2BJ (K0BJ)	86	78	80	244	41	10,004
HI	Q									ZF	Q								
HP	H									9A	H	Sep 2000	9A6XX	29	0	0	29	19	551
HP	L	Feb 2000	HP1AC	50	14	0	64	30	1,920	9V	H	Feb 2012	9V1YC	16	0	0	16	8	128
HP	Q									A7	H	Sep 2009	A7/M0FGA	7	0	0	7	8	56
										CT	H	Sep 1998	CT1BOH	122	76	27	225	40	9,000
										CX	H	Feb 2014	CX6VM	53	4	0	57	31	1,767
										DL	H	Feb 2006	DJ1YFK	0	30	12	42	21	882
										EA8	H	Feb 1994	EA1AK/EA8	15	21	0	36	21	756
										F	H	Sep 1990	F/N6TR	100	78	18	196	38	7,448
										G	H	Feb 2002	G4BUO	45	84	31	160	40	6,400
										HC8	H	Feb 2000	HC8N (N5KO)	142	121	8	271	52	14,092
										I	H	Sep 1998	IK0HBN	64	26	10	100	35	3,500
										JA	H	Feb 1991	7J1AAI	13	0	0	13	9	117
										KH2	H	Sep 2010	KH2/N2NL	36	0	0	36	23	828
										KH6	H	Sep 2006	KH6/W6PH	77	52	0	129	40	5,160
										LU	H	Feb 2003	LU1FAM	74	18	0	92	35	3,220
										LY	H	Sep 2000	LY4AA	107	56	0	163	38	6,194
										LZ	H	Sep 2010	LZ5R (LZ4UU)	4	105	16	125	42	5,250
										OH	H	Sep 1998	OH1NOA	56	0	0	56	22	1,232
										ON	H	Sep 2007	ON5ZO	1	10	0	11	9	99
										P4	H	Sep 2007	P40/W2GD	105	82	33	220	41	9,020
										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	1,056
										ZD8	H	Sep 1990	ZD8Z (N6TJ)	116	93	19	228	43	9,804
										ZS	H	Feb 2000	ZS1ESC (N6AA)	51	0	0	51	18	918

All-Time CW Sprint Records

Category	Total	Call Sign	Date
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	17,050	N6MJ (@W6KP)	Feb 2004
Highest QRP	10,800	K7RI (K7SS)	Feb 2002
Logs received	227		Feb 2004
Number golden logs	18		Feb 2008
Number logs with 300 QSOs	52		Feb 2003