

Results: North American Sprint CW — February 2013

The 72nd CW Sprint was held February 3, 2013. Participation and log submission were up over the past few events, with 290 stations active and 195 logs received. Those totals are about 20 percent higher than last year's February Sprint and certainly part of the reason for lots of fresh ink in the record books.

Conditions were fairly balanced, with 20 meters hanging in there for more than an hour for most stations. The stations in the Southwest seemed to have the best conditions, and for the first time in 8 years, we had a winning score with more than 400 contacts!

QRP Category

The QRP category continues to draw a few serious competitors. Perhaps they are looking for a new challenge or hoping to set a new QRP record from their locations. Dave, NN1N, operating his first-ever QRP CW Sprint, accumulated 188 contacts with a staggering 46 multipliers to take first place. Rod, W7ZRC, had only one less QSO and came in second place. Mork, K6UFO, piloted NN7SS to third place, while Ken, KE3X came in fourth. Bill, KØUK, was fifth from Colorado, with N8SS, KX9X/4, and KD9B finishing out the QRP score listing.

Low Power

Daniel, N6MJ, had the top Low Power score with an impressive 325 contacts in his log. Tor, N4OGW/5, placed second, followed very closely by Dan, K7SS. Matt, K7BG came in fourth place with Don, W4OC on his heels. Steve, N9CK, placed sixth, ahead of Dave, N5DO. W2FU, N7CW, and KU5B finished out the Low Power Top 10. It is interesting to see scores in this listing spread among stations from across the country.

Starting with this writeup there is a Low Power Top 10 list for stations that reported 12 or fewer band changes. The intent of this box is to recognize those who have average stations with just one radio and no amplifier. We recognized four stations — K6VVA, NØAT, N6ZFO, and N8AA. Let us know how you feel about this new box.

High Power

Steve, N2IC, got off to a fast start with 129 contacts in the first hour. This is likely

the best hour anyone has ever managed in this contest. In the end, he had a comfortable margin of victory over last September's winner, Trey, N5KO. Third place went to Bob, N6TV, followed by "The Gator," N5RZ, who seems to have his new station coming together. Pat, N9RV, had the highest score in the Northwest, coming in fifth, followed by Andy, N2NT, who posted the highest East Coast score. Tree, N6TR, managed seventh place with only two band changes. Dave, K5GN, and Mike, W9RE, come in eighth and ninth, followed by Randy, KØEU, who was making his High Power Top 10 debut.

Team Competition

Three teams ended up with scores within 1000 points, making the team

competition quite the horse race. When the log checking was done, the Northern California Contest Club team ended up in first place. The DFW Camaro team was a very close second, with the Ad Hoc team right behind in third place. The difference between first and third amounted to about 23 total contacts, and less than one contact separated second and third. The DFW TransAm team came in fourth. A total of 19 teams were registered, providing a huge boost to activity.

Golden Logs

The log checking process is fairly rigorous for this contest. Most logs had all exchanges and more than 90 percent of their serial numbers checked along with cross-checking to make sure the contact

Top 10 Scores

Call Sign	Score	Bnd Chgs	Qs Lost	00Z	01Z	02Z	03Z
N2IC	19,632	170	3	129	98	90	92
N5KO	18,960	193	4	112	98	99	86
N6TV	18,081	76	5	120	93	88	68
N5RZ	17,856	122	1	108	91	95	78
N9RV	17,672	154	8	106	94	87	89
N2NT	17,450	90	3	102	84	92	71
N6TR	17,204	2	0	99	108	76	91
K5GN	17,003	86	1	94	82	86	85
W9RE	16,656	152	10	101	83	84	79
KØEU	16,450	173	7	103	85	89	73

Top 10 High Power

Call Sign	Score	Bnd Chgs	Qs Lost	00Z	01Z	02Z	03Z
N6TR	17,204	2	0	99	108	76	91
WDØT	16,356	10	2	100	81	77	90
K6LL	15,651	2	2	94	74	75	90
N2NC	15,648	6	0	82	79	86	79
N6AA	15,504	2	4	103	69	69	82
K1KI	15,228	2	5	91	77	88	68
K3LR	15,007	10	10	92	86	87	84
K6XX	14,904	5	7	83	94	77	70
AA5B	14,288	2	9	84	80	67	73
K5MR	14,260	4	1	92	77	62	79

Top 10 Low Power

Call Sign	Score	Bnd Chgs	Qs Lost	00Z	01Z	02Z	03Z
K7SS	13,905	2	3	99	78	62	70
K7BG	13,770	2	3	87	70	66	83
W4OC	13,632	12	11	76	65	71	72
N5DO	13,432	2	1	81	76	66	69
N7CW	12,788	2	1	78	70	65	65
KU5B	12,628	5	0	83	64	69	71
K6VVA	12,060	8	6	76	71	68	53
NØAT	12,015	8	6	60	70	77	60
N6ZFO	12,012	6	8	78	69	54	72
N8AA	12,006	4	4	63	63	60	75

Team Scores

1. NCCC #1

N5KO	18,960
N6TV	18,081
N6RO	16,403
W6YX	16,074
K6XX	14,904
K6AW	14,080
K9YC	13,275
W6SX	13,072
N3ZZ	12,364
K6SRZ	11,264
Total	148,477

2. DFW Camaro

N5RZ	17,856
K5GN	17,003
N3BB	16,335
K5TR	15,275
K5WA	14,852
NR5M	14,850
K5MR	14,260
N5DO	13,432
KU5B	12,628
N5TJ	11,309
Total	147,800

3. Ad Hoc

N2IC	19,632
W9RE	16,656
WDØT	16,356
K4RO	16,176
K7BG	13,770
W4OC	13,632
N9CK	13,455
W4NZ	13,156
N4ZZ	12,760
KØEJ	12,144
Total	147,737

4. DFW TransAm

W5KFT	14,388
N4OGW	13,984
NM5M	13,984
N1LN	12,375
WQ5L	11,844
K5RT	10,701
N5QQ	8,190
WØ	7,696
K5CI	7,098
KE3X	5,640
Total	105,900

Guest Ops

KØTEX (K4VU)
K5TR (K5OT)
K6AW (@N6DZ)
K8AZ (W8WTS)
K8YM (ND8L)
K9AA (K9PG)
KA3DRR (@W6SL)
KP2RUM (K9VV)
KZ2V (@NW6P)
NØNI (AG9A)
N4NA (NB4M)
N5KO (@W6NL)
N6AN (@W6UE)
N6RT (@N6WIN)
N7XU (K4XU)
NN7SS (K6UFO)
NR5M (K5GA)
W2FU (N2ZN)
W5KFT (K5PI)
W6YX (N7MH)
WIØWA (NØAC)

5. NCC/MRRC WEST	N9RV, K3LR, N8EA, N8AA, NØAX, N8BJQ, W1NN, KL7RA, K9NW	99,870
6. SCCC	N6AA, N6RT, K6LA, N6MJ, N6AN, W4EF, N5ZO	92,882
7. SSC	N4AF, K4BAI, K4TD, K1ZZI, KU8E, N4OX, K4FXN, KY4F, N4OO	92,408
8. Arizona Outlaws	K6LL, AA7V, N6VR, N7CW, KO7AA, KB7Q, K7HP, K6WSC, W9CF	86,920
9. Rockies CW	KØEU, KØRF, KO7X, KTØA, WØETT, NØTA, KØUK, KR7C, KU7Z, WØHXB	84,115
10. NCCC #2	N6XI, AJ6V, N6ZFO, W6RGG, KZ2V, KA3DRR, W1SRD, W6OAT, W6CT, K6CSL	81,964
11. No Self Serve	N6TR, N7XU, W7WHY, W2VJN, K7RF, W8NF, WS7L	74,488
12. SMC Sprinters	NØNI, K9MMS, KJ9C, KE9I, WI9WI, K9AA, WE9V	67,083
13. NCC/MRRC EAST	NO3M, W2FU, K8NZ, K5ZD, NW2K, W2RQ, K1AR, WB2ABD, N2CU, K1DG	66,487
14. NCC/MRRC CENT	K8MR, KW8N, K8YM, K8AZ, K3UA, WW3S, K8BL, K8GT, N8XX	62,913
15. FRC	N2NT, AA3B, N2NC, W3KB	55,679
16. YCCC Deck Hands	K1KI, W1UJ, W1EBI, K1GU, W1JQ	54,970
17. PVRC	K3TN, N3QE, K8GU	29,670
18. NCCC #3	K6LRN, NI6T	11,424
19. SMC Joggers	WW9R	3,498

Top 10 QSO Totals

N2IC	409
N5KO	395
N9RV	376
N6TR	374
N5RZ	372
N6TV	369
N3BB	363
KØEU	350
K3LR	349
N2NT	349
N6RO	349

Top 10 Golden Logs

N6TR	374
W6YX	342
N2NC	326
AA7V	305
N9CK	299
KU5B	287
KØ7X	273
NØAX	261
NAØN	259
NA4K	242

Top 10 Low Power

N6MJ	14,300
N4OGW	13,984
K7SS	13,905
K7BG	13,770
W4OC	13,632
N9CK	13,455
N5DO	13,432
W2FU	13,301
N7CW	12,788
KU5B	12,628

Top 10 Band Changes

N5KO	193
KØEU	173
N4AF	171
N2IC	170
N9RV	154
N3BB	152
W9RE	152
K4RO	124
N5RZ	122
N4OGW	121
W5KFT	121

Top QRP

NN1N	8,648
W7ZRC	7,667
NN7SS	6,981
KE3X	5,640
KØUK	4,760
N8XX	1,000
KX9X	836
KD9B	6

showed up in both logs. Eighteen logs were able to survive the checking process without any score reductions. Four of them contained more than 300 contacts (N6TR, W6YX, N2NC and AA7V). Another six had more than 200 contacts (N9CK, KU5B, KO7X, NØAX and NAØN).

Records

With the good activity and relatively good conditions, a number of new records were achieved. NN1N posted the first-ever QRP score for Connecticut with a respectable 188 QSOs. Ken, W2FU, posted a new high for the New York Low Power score. Ken, KE3X, set a new high QRP score for Maryland, so he has both the Low Power and QRP records now. Sean, KX9X, traveled to South Carolina and posted

the first-ever QRP score from there. Tor, N4OGW, made more than 300 Low Power contacts to set a new Mississippi record, erasing the one WQ5L had set just last September. Steve, N2IC, was finally able to claim the High Power New Mexico record previously held by Phil, N6ZZ. Bud, N7CW, pushed up his Low Power record for Arizona. Rod, W7ZRC, posted the first-ever QRP score from Idaho with a nice total of 187 QSOs. Two stations in Montana improved upon their old records — Pat, N9RV, for High Power, and Matt, K7BG, for Low Power. Joe, N8EA, surpassed his Low Power record from Michigan. Todd, WDØT, improved upon his High Power South Dakota record. We had two new records in Canada, with Mike, VE9AA, setting the new High Power record from VE1, and

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 >300	52		Feb 2003

Dan, VE6EX, bettering his High Power record for Alberta. Finally, we recorded the first-ever score from Cuba from CO2CW, who operated in the Low Power category.

Four Hundred QSO Club

Steve, N2IC, became the third person to break the mythical 400 QSO mark in the CW Sprint. His 409 contact total was the second highest in CW Sprint history. Bill, W4AN, was the first to break the 400 QSO barrier with 402 QSOs in February 2003 and 404 in the following September. Tree, N6TR, joined the club in February 2004 with 405 QSOs and then set the current record of 427 in February 2005. Who's next?

Next Time

The next CW Sprint takes place September 8 starting at 0000 UTC (that's Saturday, September 7, local time in North America). Stations may operate from 0000 to 0359 UTC inclusive. If you start a QSO just before the clock ticks over to 0400, you may finish the contact and log it at 0359. For team registration, use the *NCJ* website, www.ncjweb.com. Stations may submit logs via e-mail to cwsprint@kkn.net or via the log submission form on the *NCJ* website. *Logs are due 7 days after the Sprint!* Final scores are typically posted within 2 weeks and announced on the *NCJ* website and on the CQ-Contest reflector.

Check out the Web resources at www.kkn.net/n6tr/sprint.html and rules, records and previous results on the *NCJ* website, www.ncjweb.com. The CQ-Contest reflector is a great place to ask questions about this contest.

Soapbox

Tough going. Lots of unanswered CQs. — K5ZD

New station best for this event. — K6CSL

The Locust Peak remote station battery power went QRT at 0338 UTC, and I was devastated. With 274 Qs in the bag and *lots* of loud W6/W7 stations still to work, I'm sure I could have reached the LP goal of

300 Qs this time. My last QSO before the proverbial lights went out was N6TR. — K6VVA

Personal best and my Sprint skill continues improving, however there remains plenty of practice, practice, and practice some more. — KA3DRR

Not bad considering half the 80 dipole is buried under a foot of snow on the roof. — KJ9C

Inaugural contest for an innovative island radio club. — KP2RUM

Didn't make my goal. Heard four mults that I missed. Thought I had W7ZRC for ID, but QRM ruined the Q. Heard WY, LA, and KP4, but they were on the wrong end of the couplet. Twenty is always tough for me with low power and wires; 40 went long right away, with lots of RTTY, and 80 was quite noisy. Thanks for the best four hours of radiosport. — KV8Q

Got beat out a lot on 20 meters and 40 meters but felt loud on 80 meters. Should have gone there earlier. — KW8N

Felt like total road kill on 20 at the start but felt like it would probably be better on the low bands, so I kept plugging away. Finding KL7RA on 20 improved my attitude quite a bit. Forty was a lot better, and the rate meter started rising out of the miasma of my first hour. Some second radio action here and there — nothing amazing — but the Qs kept coming. Eighty was my safe harbor; if I was going to be road kill, at least they would have to swerve! Getting a call from K07X in WY during the last 10 minutes was a good way to. Had to work pretty hard to maintain a semblance of respectability this time, and, of course, I can't wait for September to do it again. — NØAX

Tremendous signals on 80 — N4AF

Wow, that was fun! I didn't plan to be active but couldn't stay away. I got to the station about 45 minutes early and set up the computer. Things were pretty good all the way through, though I did have my "deer in the headlights" and "that's not the button I meant to press" moments. With just a sloper fed with questionable coax, I thought 40 would be a slog. It proved to be better. Eighty was very quiet and the rate was good. To be back in the 300+ group is gratifying. Thanks for another great Sprint! — N6AN

Was doing okay, but then I had a

frustrating time on 80. Nice to see lots of rare mults on for this one! — N6TV

Once again, no NV, the closest mult to me. — N6XI

Fun. — N9RV

Sprint is fun, but after the first hour, I really lost my concentration. When I arrived at the station Thursday, the computer wouldn't boot. Saturday morning I finally figured part of the power supply was bad. No time to take a ferry ride back to the mainland for a replacement, so I patched in a wall wart to the bad low voltage line and pulled out all the extra PCI cards to reduce the load. I could get booted, and it would run for a hour or so before freezing up and needing to reboot. Amazingly, it made it through the Sprint with only one reboot. Having missed my Thursday practice in the NCCC Sprint, I was fumbling for the knobs and buttons. Surprisingly, I pretty much matched my score from last year. With a new computer, practice, and less distraction, I might even improve next time! — NN7SS (@K6UFO)

Head cold with a straight key. Stupid, stupid, stupid. — VE3RCN

Bands were great, but 40 was the place to be! This was a personal best for me with 240 Qs and 46 mults — don't think I've ever heard so many mults on before. Nice to work "Rum" at KP2RUM on two bands and KH2/N2NL for most distant DX. KL7RA had strong signals on 20 and 40! — WØETT

My 100 W remote-controlled rig is located in Oxford, Nebraska; currently sporting an inverted Windom at 40 feet. — WØHXB

The first half hour seemed slow. I'd been off the air far too long and my "CW ears" just weren't coming up to speed properly. But by the end of the four hours, my rate held in there at a bit over 40 per the whole time. My CW speed has definitely declined. Need to get in those Thursday NS practices. — W8NF

Great activity and conditions made it a memorable 4 hours. — W9RE

Third CW Sprint in 26 years. — WE9V

This is another ad hoc WQ6X portable operation from the second floor of the Phoenix lodge using an IC-7000 into a pair of phased hamsticks. — WQ6X

Single Operator Scores

Call Sign	Name	QTH	20	40	80	QSO	Mult	Score	Band	Team	Call Sign	Name	QTH	20	40	80	QSO	Mult	Score	Band	Team	
K1KI	TOM	CT	115	116	93	324	47	15,228	2	YCCC Deck Hands	N6ZFO	*BILL	CA	99	103	71	273	44	12,012	6	NCCC #2	
W1UJ	*JAY	MA	74	100	92	266	47	12,502	95	YCCC Deck Hands	K6SRZ	ALAN	CA	94	94	68	256	44	11,264	2	NCCC #1	
W1EBI	GEO	MA	56	84	98	238	42	9,996	2	YCCC Deck Hands	W6RRG	BOB	CA	95	96	59	250	45	11,250	2	NCCC #2	
K5ZD	RANDY	MA	88	78	53	219	42	9,198	32	NCC/MRRC EAST	K6LRN	DICK	CA	78	101	45	224	43	9,632	2	NCCC #3	
NN1N	*DAVE	CT	62	70	56	188	46	8,648	9		K2ZV	NICK	CA	74	84	49	207	41	8,487	2	NCCC #2	
W1JQ	*MIKE	CT	44	50	92	186	41	7,626	10	YCCC Deck Hands	KA3DRR	SCOT	CA	70	77	51	198	38	7,524	2	NCCC #2	
K1AR	JOHN	NH	0	25	80	105	38	3,990	1	NCC/MRRC EAST	W1SRD	STEVE	CA	59	49	65	173	39	6,747	4	NCCC #2	
K1DG	DOUG	NH	0	7	0	7	4	28	0	NCC/MRRC EAST	N5ZO	MARKO	CA	48	71	50	169	34	5,746	3	SCCC	
N2NT	ANDY	NJ	91	138	120	349	50	17,450	90	FRC	W6AOT	*RUSTY	CA	28	92	0	120	38	4,560	1	NCCC #2	
N2NC	JOHN	NJ	88	111	127	326	48	15,648	6	FRC	WA6URY	DAN	CA	43	37	10	90	35	3,150	2		
W2FU	*KEN	NY	75	105	103	283	47	13,301	96	NCC/MRRC EAST	N6NC	LARS	CA	4	60	20	84	33	2,772	2		
NW2K	*DEAN	NY	48	71	60	179	42	7,518	18	NCC/MRRC EAST	W6CT	*SCOTT	CA	41	32	27	100	27	2,700	4	NCCC #2	
W2ID	*JOHN	NJ	59	49	78	186	36	6,996	46		N1G7	GARRY	CA	64	0	0	64	28	1,792	0	NCCC #3	
W2RQ	BILL	NJ	0	0	124	124	37	4,588	1	NCC/MRRC EAST	K6CSL	*BERT	CA	15	19	13	47	26	1,222	2	NCCC #2	
WB2ABD	*PAUL	NY	0	59	26	85	31	2,635	0	NCC/MRRC EAST	NN6CH	CHRIS	CA	13	14	21	48	20	960	6		
N2CU	*TOM	NY	0	2	23	25	17	425	1	NCC/MRRC EAST	WQ6X	*RON	CA	21	6	9	36	15	540	2		
											W6RKC	*RICK	CA	0	0	20	20	6	120	0		
AA3B	BUD	PA	87	136	114	337	48	16,176	106	FRC	N9RV	PAT	MT	115	154	107	376	47	17,672	154	NCC/MRRC WEST	
N03M	TY	PA	97	126	117	340	45	15,300	104	NCC/MRRC EAST	N6TR	TREE	OR	100	150	124	374	46	17,204	2	No Self Serve	
K3TN	JOHN	MD	72	95	105	272	45	12,240	6	PVRC	K6LL	DAVE	AZ	114	121	98	333	47	15,651	2	Arizona Outlaws	
N8NA	*KARL	DE	60	75	101	236	47	11,092	5		AA7V	STEVE	AZ	114	109	82	305	46	14,030	2	Arizona Outlaws	
N3QE	*TIM	MD	61	82	88	231	42	9,702	4	PVRC	K7SS	*DAN	WA	117	138	54	309	45	13,905	2		
K8GU	*ETHAN	MD	57	43	84	184	42	7,728	9	PVRC	K7BG	*MATT	MT	102	119	85	306	45	13,770	2	Ad Hoc	
K3UA	*PHIL	PA	37	54	71	162	46	7,452	2	NCC/MRRC CENTRAL	N7XJ	DICK	OR	75	128	92	295	45	13,275	4	No Self Serve	
K3KU	*ART	MD	45	45	78	168	44	7,392	8		N6VR	RAY	AZ	103	99	79	281	46	12,926	2	Arizona Outlaws	
W3KB	*KEITH	PA	49	75	59	183	35	6,405	2	FRC	N7CW	*BUD	AZ	61	122	95	278	46	12,788	2	Arizona Outlaws	
KE3X	*KEN	MD	52	29	60	141	40	5,640	8	DFW TransAm	W7WHY	TOM	OR	103	100	66	269	46	12,374	2	No Self Serve	
W03S	*JIM	PA	38	42	43	123	36	4,428	1	NCC/MRRC CENTRAL	KO7X	AL	WY	59	117	97	273	43	11,739	3	Rockies CW	
K3IT	*RAY	MD	0	29	47	76	33	2,508	8		W2VJN	GEO	OR	78	107	64	249	47	11,703	6	No Self Serve	
K3STX	BUG	MD	8	9	21	38	20	760	2		KJ9C	*MEL	MT	67	103	69	239	46	10,994	4	SMC Sprinters	
K4RO	KIRK	TN	70	143	124	337	48	16,176	124	Ad Hoc	KO7AA	BILL	AZ	102	100	44	246	44	10,824	64	Arizona Outlaws	
N4AF	AL	NC	73	147	89	309	48	14,832	171	SSC	K87Q	GENE	AZ	76	85	83	244	42	10,248	2	Arizona Outlaws	
W4QC	*DON	SC	83	97	104	284	48	13,632	12	Ad Hoc	K7RF	JON	OR	84	109	44	237	43	10,191	2	No Self Serve	
W4NZ	TED	TN	68	110	108	286	46	13,156	46	Ad Hoc	KL7RA	RICH	AK	108	77	21	206	39	8,034	4	NCC/MRRC WEST	
N4ZZ	DON	TN	88	103	99	290	44	12,760	56	Ad Hoc	W7ZRC	*ROD	ID	65	84	38	187	41	7,667	2		
K4BAI	JOHN	GA	89	114	100	303	42	12,726	2	SSC	NN7SS	*BURT	WA	71	82	26	179	39	6,981	37		
N1LN	BRUCE	NC	86	94	95	275	45	12,375	14	DFW TransAm	W6NF	DAVE	OR	39	77	41	157	34	5,338	2	No Self Serve	
KØEJ	MARK	TN	72	100	104	276	44	12,144	2	Ad Hoc	K7HP	HANK	AZ	35	49	48	132	38	5,016	2	Arizona Outlaws	
K4TD	RICK	AL	56	104	95	255	46	11,730	2	SSC	W57L	CARL	OR	79	40	0	119	37	4,403	1	No Self Serve	
N4DW	DAVE	TN	54	101	95	250	45	11,250	11		K6W5Z	*BILL	AZ	57	41	7	105	32	3,360	2	Arizona Outlaws	
K7SV	*LAR	VA	71	84	92	247	43	10,621	6		KU7Z	*MARK	UT	19	37	35	91	30	2,730	3	Rockies CW	
K1ZZI	ED	GA	61	100	100	261	40	10,440	3	SSC	W9CF	*KEVIN	AZ	58	9	0	67	31	2,077	1	Arizona Outlaws	
KU8E	*JEFF	GA	52	80	94	226	46	10,396	8	SSC	N8EA	*JOE	MI	65	87	126	278	45	12,510	13	NCC/MRRC WEST	
NA4K	*STEVE	TN	60	90	92	242	42	10,164	8		K8MR	JIM	OH	62	77	119	258	48	12,384	22	NCC/MRRC CENTRAL	
K1GU	*NED	TN	74	86	69	229	42	9,618	2	YCCC Deck Hands	N8AA	*JOHN	OH	68	95	98	261	46	12,006	4	NCC/MRRC WEST	
K8NZ	*RON	FL	51	108	57	216	44	9,504	10	NCC/MRRC EAST	KW8N	BOB	OH	62	105	104	271	44	11,924	35	NCC/MRRC CENTRAL	
N4OX	*JAY	FL	81	86	69	236	40	9,440	2	SSC	N8UJQ	STEVE	OH	61	76	96	233	42	9,786	27	NCC/MRRC WEST	
K4FXN	DAN	KY	34	89	88	211	44	9,284	3	SSC	W1NN	*HAL	OH	39	74	101	214	44	9,416	5	NCC/MRRC WEST	
KY4F	*DOUG	AL	31	72	93	196	40	7,840	4	SSC	K8YM	RAY	OH	51	78	67	196	47	9,212	3	NCC/MRRC CENTRAL	
WF7T	*BRAD	TN	26	78	77	181	38	6,878	49		K8AZ	JIM	OH	46	56	97	199	42	8,358	34	NCC/MRRC CENTRAL	
N4CV	BERT	NC	34	68	66	168	40	6,720	2		N8CC	*JEFF	MI	45	53	87	185	42	7,770	30		
KØTEX	ROB	AL	2	98	74	174	36	6,264	2		KV8Q	*TOM	OH	43	49	98	190	40	7,600	5		
N4NA	*CHRIS	TN	20	86	38	144	41	5,904	2		K8BL	*BOB	OH	39	42	41	122	35	4,270	2	NCC/MRRC CENTRAL	
N4OO	*BRIAN	GA	28	66	49	143	40	5,720	34	SSC	K9NW	*MIKE	OH	24	89	0	113	35	3,955	8	NCC/MRRC WEST	
AA4CF	CHARLIE	GA	28	55	40	123	39	4,797	2		K8GT	*AL	MI	20	41	50	111	35	3,885	3	NCC/MRRC CENTRAL	
N5VI	*VAN	GA	28	50	55	133	34	4,522	7		W8UE	*TED	MI	22	53	26	101	33	3,333	7		
AD4EB	JIM	TN	31	34	63	128	35	4,480	4		N8XX	*ZIG	MI	5	14	21	40	25	1,000	2	NCC/MRRC CENTRAL	
W4AU	JOHN	VA	0	0	72	72	31	2,232	0		AF8A	*GARY	OH	0	42	0	42	15	630	0		
KX9X	**SEAN	SC	6	27	5	38	22	836	5		W9RE	MIKE	IN	94	144	109	347	48	16,656	152	Ad Hoc	
KD9B	**DENNIS	KY	0	3	0	3	2	6			N9CK	*STEVE	WI	55	118	126	299	45	13,455	59	Ad Hoc	
N2IC	STEVE	NM	133	167	109	409	48	19,632	170	Ad Hoc	K9MMS	GARY	IL	64	104	91	259	43	11,137	2	SMC Sprinters	
N5RZ	GATOR	TX	124	138	110	372	48	17,856	122	DFW Camaro	KE9I	JERRY	IN	55	66	117	238	44	10,472	9		

CW Sprint Records through February 2013

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	K1K1	153	132	84	369	50	18,450	NM	H	Feb 2013	N2IC	133	167	109	409	48	19,632
CT	L	Sep 1999	NT1N	122	115	43	280	49	13,720	NM	L	Feb 2008	AA5B	85	101	95	284	42	11,928
CT	Q	Feb 2013	NN1N	62	70	56	188	46	8,648	NM	Q	Feb 2002	W5YA	121	75	28	224	42	9,408
MA	H	Feb 2003	K5ZD	136	144	85	365	54	19,710	OK	H	Sep 2003	K3LR	131	133	88	352	48	16,896
MA	L	Feb 2003	K1HT	72	106	114	292	50	14,600	OK	L	Sep 1998	K5KA	79	89	62	230	40	9,200
MA	Q	Sep 2003	NB1B	75	29	3	107	33	3,531	OK	Q	Sep 2004	K5KA	91	69	52	212	43	9,116
ME	H	Sep 2008	N1LI (K1DG)	88	122	84	294	47	13,818	TX	H	Feb 2000	N5TJ	148	137	96	381	52	19,812
ME	L	Sep 2006	N1LI (K1DG)	89	106	49	244	43	10,492	TX	L	Sep 1998	N5TJ	141	111	80	332	46	15,272
ME	Q	Sep 2010	N1LI (K1DG)	91	72	50	213	40	8,520	TX	Q	Feb 2000	KG5U	122	60	22	204	47	9,588
NH	H	Feb 2003	K1DG	129	119	83	331	50	16,550	CA	H	Feb 2003	W6EEN (N6RT)	150	147	81	378	54	20,412
NH	L	Feb 2002	K1BX	131	76	62	269	47	12,643	CA	L	Feb 2004	N6MJ	106	158	77	341	50	17,050
NH	Q	Sep 2012	K8CN	18	1	0	19	13	247	CA	Q	Sep 2010	K6UFO	88	90	36	214	39	8,346
RI	H	Feb 2002	K1G	122	95	93	310	47	14,570	AK	H	Feb 2000	KL9A	139	63	0	202	47	9,494
RI	L	Sep 2011	W1WBB	55	54	47	156	37	5,772	AK	L	Sep 2007	K6VVA/KL7	68	30	18	116	34	3,944
RI	Q	Sep 2006	KO1H	10	8	0	18	9	162	AK	Q	Sep 2003	N6TR/KL7	1	0	0	1	1	1
VT	H	Feb 2004	NT1Y (W4PA)	116	175	47	338	48	16,224	AZ	H	Feb 2000	K6LL	178	144	42	364	50	18,200
VT	L	Sep 2009	K8MR/1	0	43	71	114	40	4,560	AZ	L	Feb 2013	N7CW	61	122	95	278	46	12,788
VT	Q	Sep 2004	WT1L	18	2	18	38	21	798	AZ	Q	Feb 2008	KB7Q	61	51	2	114	37	4,218
NJ	H	Feb 2003	N2NT	88	158	134	380	51	19,380	ID	H	Feb 2000	W7ZRC	123	107	44	274	45	12,330
NJ	L	Feb 1999	K2SQ	94	101	85	280	46	12,880	ID	L	Feb 2001	W7UQ (KL9A)	144	88	44	276	48	13,248
NJ	Q	Sep 2010	KR2Q	58	59	31	148	41	6,068	ID	Q	Feb 2013	W7ZRC	65	84	38	187	41	7,667
NY	H	Feb 2002	K2UA	113	123	85	321	50	16,050	MT	H	Feb 2013	N9RV	115	154	107	376	47	17,672
NY	L	Feb 2013	W2FU	75	105	103	283	47	13,301	MT	L	Feb 2013	K7BG	102	119	85	306	45	13,770
NY	Q	Sep 2010	N2ZN	36	75	56	167	43	7,181	MT	Q	Sep 2009	KB7Q	35	71	56	162	38	6,156
DE	H	Sep 1989	KN5H	98	102	72	272	46	12,512	NV	H	Feb 2000	K7BV	106	141	43	290	50	14,500
DE	L	Sep 2008	N8NA	46	135	80	261	47	12,267	NV	L	Feb 2000	KU7Y	88	116	0	204	45	9,180
DE	Q	Sep 2009	N8NA	21	98	64	183	44	8,052	NV	Q	Feb 1999	KU7Y	59	69	20	148	40	5,920
MD	H	Sep 1989	W3LPL	120	110	80	310	47	14,570	OR	H	Feb 2003	N6TR	172	142	79	393	52	20,436
MD	L	Sep 2012	KE3X	86	93	61	240	44	10,560	OR	L	Feb 2003	K4XU	121	110	46	277	47	13,019
MD	Q	Feb 2013	KE3X	52	29	60	141	40	5,640	OR	Q	Sep 2011	W7YAO	69	50	29	148	40	5,920
PA	H	Sep 2004	K3NM (N2NC)	131	116	91	338	49	16,562	UT	H	Sep 1991	K6XO	128	93	42	263	44	11,572
PA	L	Sep 2003	W1NN	87	83	59	229	46	10,534	UT	L	Sep 1995	AH3C	59	91	65	215	38	8,170
PA	Q	Sep 2007	K3MJW	7	27	49	83	27	2,241	UT	Q	Feb 2003	NC7J	101	96	38	235	45	10,575
AL	H	Feb 2004	K4NO	115	98	67	280	48	13,440	WA	H	Feb 2003	W7WA	133	113	54	300	49	14,700
AL	L	Sep 2003	K4IQJ	70	89	60	219	44	9,636	WA	L	Feb 2003	K7RI (K7SS)	149	111	37	297	53	15,741
AL	Q	Feb 1998	KJ3V	0	8	0	8	7	56	WA	Q	Feb 2002	K7RI (K7SS)	109	112	19	240	45	10,800
FL	H	Feb 2003	N2NL	151	139	67	357	55	19,635	WY	H	Sep 1999	K7KU (N2IC)	132	117	63	312	48	14,976
FL	L	Sep 2003	K0LUZ	118	132	0	250	47	11,750	WY	L	Feb 2004	KO7X	57	142	28	227	47	10,669
FL	Q	Sep 1999	N4BP	119	51	0	170	34	5,780	WY	Q	Sep 2008	KB7Q	1	78	8	87	29	2,523
GA	H	Sep 2003	K4AAA (W4AN)	146	170	88	404	54	21,816	MI	H	Feb 2003	N8EA	197	124	100	331	52	17,212
GA	L	Feb 2003	KU8E	42	124	81	247	48	11,856	MI	L	Sep 2013	N8EA	68	95	98	261	46	12,006
GA	Q	Sep 2009	NA4BW	6	65	55	126	38	4,788	MI	Q	Sep 2009	N8EA	28	68	74	170	43	7,310
KY	H	Sep 1998	K4LT	82	107	92	281	44	12,364	OH	H	Feb 2003	K8MR	72	128	109	309	52	16,068
KY	L	Feb 2002	K4FXN	103	98	53	254	45	11,430	OH	L	Sep 2003	K8NZ	78	114	93	285	46	13,110
KY	Q	Sep 2011	KU4A	4	0	0	4	3	12	OH	Q	Sep 2004	N8VW	43	86	50	179	42	7,518
NC	H	Sep 2003	N4AF	98	129	115	342	49	16,758	WV	H	Feb 2002	N4ZR	69	100	117	286	48	13,728
NC	L	Feb 1995	K7GM	73	101	69	243	45	10,935	WV	L	Sep 1998	K3LR	62	93	64	219	39	8,541
NC	Q	Feb 2010	AA4XX	28	25	64	117	33	3,861	WV	Q	Sep 2003	K5IID	49	52	42	143	34	4,862
SC	H	Sep 2008	W4OC	80	110	97	287	48	13,776	IL	H	Sep 2003	AG9A	130	162	73	365	52	18,980
SC	L	Sep 2003	W4OC	87	92	116	295	50	14,750	IL	L	Sep 2003	K9AA (K9PG)	112	119	59	290	48	13,920
SC	Q	Feb 2013	KX9X	6	27	5	38	22	836	IL	Q	Feb 1999	WO9S	43	66	32	141	41	5,781
TN	H	Sep 2003	W4PA	134	163	96	393	51	20,043	IN	H	Sep 2003	N9RV	134	168	87	389	53	20,617
TN	L	Sep 2003	K4AMC	77	127	66	270	47	12,690	IN	L	Feb 2003	KJ9C	76	95	91	262	48	12,576
TN	Q									IN	Q	Feb 2008	WT9U	38	16	75	129	38	4,902
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	Sep 2007	WA4PGM	38	54	50	142	36	5,112	WI	Q	Feb 2012	KA9FOX	66	90	73	229	45	
AR	H	Sep 2009	N5DX	61	150	102	313	47	14,711										
AR	L	Sep 2007	K5GO	99	82	78	259	44	11,396	CO	H	Feb 2003	N2IC	154	151	84	389	52	20,228
AR	Q	Sep 2009	N5ER	14	15	16	45	23	1,035	CO	L	Feb 2008	K0EU	62	115	99	276	42	11,592
										CO	Q	Feb 2009	W0MU	12	50	55	117	33	3,861
LA	H	Feb 1995	W5WMMU (K5GA)	105	115	86	306	48	14,688	IA	H	Sep 2008	N0NI (AG9A)	108	134	108	350	47	16,450
LA	L	Feb 2004	W5EKF	43	67	18	128	40	5,120	IA	L	Sep 1998	K0RX	70	84	73	227	43	9,761
LA	Q	Sep 2007	K55R	95	66	17	178	39	6,942	IA	Q	Sep 2006	AK0M	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	KS	H	Sep 2007	W0BH	83	99	97	279	44	12,276
MS	Q	Feb 2002	WA2NYR	30	16	0	46	26	1,196	KS	L	Sep 2004	K3LR	95	94	67	256	41	10,496

QTH	Pwr	Date	Call Sign	20	40	80	QSOMult	Score	QTH	Pwr	Date	Call Sign	20	40	80	QSOMult	Score		
MN	H	Feb 2003	KØSR	98	127	83	308	50	15,400	HP	H								
MN	L	Sep 2003	NAØN	112	125	51	288	47	13,536	HP	L	Feb 2000	HP1AC	50	14	0	64	30	1,920
MN	Q	Sep 2009	KEØG	44	75	35	154	34	5,236	HP	Q								
MO	H	Sep 1996	K4VX (WX3N)	104	133	95	332	46	15,272	J7	H								
MO	L	Sep 2012	NØAX	75	117	76	268	43	11,524	J7	L	Feb 2007	J79WI (WI9WI)	11	74	2	87	34	2,958
MO	Q	Sep 2004	NJ4X	61	99	38	198	41	8,118	J7	Q								
ND	H	Feb 2002	WBØO	124	106	88	318	47	14,946	KP2	H	Sep 2010	NP2X	95	134	0	229	43	9,847
ND	L	Feb 1998	WØHSC (KBØO)	49	96	72	217	36	7,812	KP2	L								
ND	Q									KP2	Q								
NE	H	Sep 2008	WW2Y	57	101	98	256	42	10,752	KP4	H								
NE	L	Sep 2006	WW2Y	59	102	61	222	45	9,990	KP4	L	Feb 2004	NP4Z	49	150	54	253	48	12,144
NE	Q	Feb 2003	W8TM	0	116	0	116	41	4,756	KP4	Q	Feb 2004	K1ZZ/KP4	1	18	3	22	14	308
SD	H	Feb 2013	WDØT	79	145	124	34847		16,356	PJ6	H	Sep 2011	PJ6/K9VV	23	30	0	53	25	1,325
SD	L	Sep 2012	KT0A	55	95	57	207	41	8,487	PJ6	L								
SD	Q									PJ6	Q								
VE1	H	Feb 2013	VE9AA	23	88	61	172	39	6,708	QTH	Pwr	Date	Call Sign	20	40	80	QSOMult	Score	
VE1	L	Sep 2000	VE9DX (K5NZ)	99	56	28	183	40	7,320	TG	H	Sep 2001	TG9/N5KO	150	0	0	150	42	6,300
VE1	Q									TG	L								
VE2	H	Sep 1988	VE2ZP	75	98	41	214	41	8,774	TG	Q								
VE2	L	Feb 2003	VE2AWR	49	77	26	152	39	5,928	V4	H	Feb 1996	V4ØZ (AA7VB)	0	21	33	54	23	1,242
VE2	Q									V4	L								
VE3	H	Feb 2000	VE3EJ	90	93	87	270	50	13,500	V4	Q								
VE3	L	Sep 2010	VE3DZ	78	98	93	269	44	11,836	VP2E	H	Feb 2009	VP2E (N5AU)	58	90	71	219	40	8,760
VE3	Q									VP2E	L								
VE4	H	Sep 2003	VE4/WBØO	136	130	0	266	45	11,970	VP2E	Q								
VE4	L	Sep 2006	VE4XT	22	92	16	130	42	5,460	VP9	H	Feb 1985	W6OAT/VP9	43	93	66	202	31	6,262
VE4	Q									VP9	L	Sep 2009	KM3T/VP9	84	83	60	227	42	9,534
VE5	H	Sep 2000	VE5DX	122	92	50	264	43	11,352	VP9	Q								
VE5	L	Feb 2003	VE5SF	106	119	12	237	49	11,613	XE	H	Sep 1990	XE2XA (WN4KKN)	134	127	44	305	47	14,335
VE5	Q									XE	L	Sep 2003	XF1K (N6AN)	113	85	39	237	47	11,139
VE5	Q									XE	Q								
VE6	H	Feb 2013	VE6EX	77	91	61	229	46	10,534	ZF	H	Sep 1992	ZF2KI (K1KI)	154	90	7	251	49	12,299
VE6	L	Sep 1999	VE6EX	117	64	14	195	46	8,970	ZF	L	Sep 2008	ZF2BJ (KØBJ)	86	78	80	244	41	10,004
VE6	Q									ZF	Q								
VE7	H	Feb 2000	VA7RR	151	128	37	316	48	15,168	9A	H	Sep 2000	9A6XX	29	0	0	29	19	551
VE7	L	Feb 2012	VA7ST	85	45	36	166	41	6,806	9V	H	Feb 2012	9V1YC	16	0	0	16	8	128
VE7	Q									A7	H	Sep 2009	A7/MØFGA	7	0	0	7	8	
VE8	H	Feb 2000	VY1JA	36	0	0	36	22	792	56									
VE8	L									CT	H	Sep 1998	CT1BOH	122	76	27	225	40	9,000
VE8	Q									DL	H	Feb 2006	DJ1YFK	0	30	12	42	21	882
4U1	H	Feb 1985	4U1UN (W2TO)	3	52	15	70	23	1,610	EA8	H	Feb 1994	EA1AK/EA8	15	21	0	36	21	756
4U1	L									F	H	Sep 1990	F/N6TR	100	78	18	196	38	7,448
4U1	Q									G	H	Feb 2002	G4BUO	45	84	31	160	40	6,400
8P	H	Sep 2002	8P9JG (N5KO)	164	105	8	277	42	11,634	HC8	H	Feb 2000	HC8N (N5KO)	142	121	8	271	52	14,092
8P	L									I	H	Sep 1998	IKØHBN	64	26	10	100	35	3,500
8P	Q									JA	H	Feb 1991	7J1AAI	13	0	0	13	9	117
C6	H	Feb 1999	C6AKP	15	4	2	21	14	294	KH2	H	Sep 2010	KH2/N2NL	35	0	0	36	23	828
C6	L									KH6	H	Sep 2006	KH6/W6PH	77	52	0	129	40	5,160
C6	Q									LU	H	Feb 2003	LU1FAM	74	18	0	92	35	3,220
CO	H	Feb 2013	CO2CW	8	10	3	21	16	336	LY	H	Sep 2000	LY4AA	107	56	0	163	38	6,194
CO	L									LZ	H	Sep 2010	LZ5R (LZ4UU)	4	105	16	125	42	5,250
CO	Q									OH	H	Sep 1998	OH1NOA	56	0	0	56	22	1,232
HH	H	Sep 1996	HH2AW	48	61	30	139	33	4,587	ON	H	Sep 2007	ON5ZO	1	10	0	11	9	99
HH	L									P4	H	Sep 2007	P4Ø/W2GD	105	82	33	220	41	9,020
HH	Q									PY	H	Sep 1980	PY8ZPJ	28	1	0	29	14	406
HI	H	Feb 1991	HI8DMX	0	40	0	40	19	2,420	UA9	H	Feb 2000	RUØSN	15	0	0	15	13	195
HI	L									UN	H	Sep 2000	UP6F	13	0	0	13	10	130
HI	Q									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