



## Final Results: North American Sprint CW February 2025

John Pescatore, K3TN ([jpescatore@aol.com](mailto:jpescatore@aol.com))

*(These are the final results and include the Top Ten scores from all categories and overlays. This is the complete results article. A summary article will be included in an upcoming issue of NCJ.) Guest ops are now shown, including Mark AG9A at NØNI, and moving KØVBU to LP are changes made in version 1.04 – Ed.*

*I like being busy and juggling a lot of things at the same time. I get bored easily, so I need to do a lot. — Ellen DeGeneres*

If you are a fan of multitasking, this was the weekend for you! The 95<sup>th</sup> running of the North American CW Sprint shared the second day of the second month of 2025 with the British Columbia, Minnesota and Vermont QSO parties, the EUDX and Mexico RTTY contests, **and** the FOC Marathon event. Contesting is alive and well.

Despite the competition for BIC (butt-in-chair) time, 167 Sprint logs were submitted, up 27% from September's running but still down a bit from February 2024. Band conditions were mixed, and 206 unique calls were worked by those who sent in logs. The increased participation and generally low-noise conditions on 80 meters made the last hour more tolerable this time around. However, 38 ops never made it to 80 and there appeared to be few, if any, "Late Night Fresh Meat Superstars" to be found. If you planned to peek back on 20 meters and pick up a few multipliers during the last hour, bad choice: zero QSOs were logged on 20 after 0300.

*I was really sad to miss this one. For some reason I lost my router the first day I arrived back in Japan in December and am completely off the air until I return to Ohio in the spring and replace it. This is the first NAS that I have missed in 8 years and only the second one I have missed in 13 years. It looks like I missed a good'un. — Hal, W1NN*

While Hal might have been QRT this time, Dan WAGURY was on his remote station while sitting in Japan!

### Records and Certificates

The Low Power and QRP crowds were the ones who set all of the new records this time around, with three ops breaking their own records:

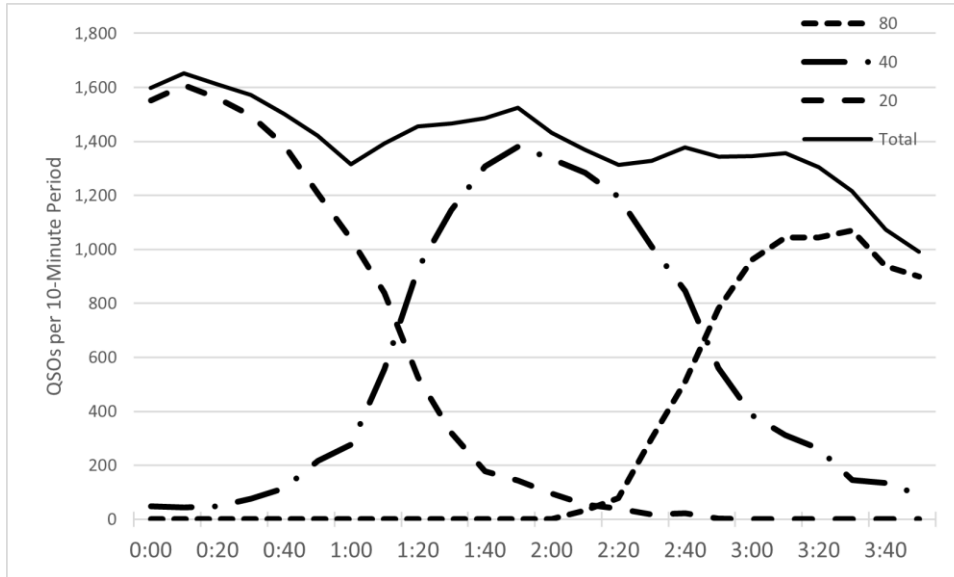
- K8CN topped his February 24 QRP NH record
- Snowbird K8MR topped KØLUZ's Sept 2003 FL low power record
- KE3X put smiles on many faces and upped his Sept 2017 QRP record in the DC
- NØAC jumped over the bar set back in 2006 by AKØM with a new IA QRP record

Mark K6UFO made 70 ops happy by remotely operating HH2AA, the first time a Sprint log has been sent in from Haiti. He reported, *“Remote from San Francisco to Haiti, and it felt like it. Push a key and “One Mississippi, Two Mississippi” a-n-d there was my keying. I gave up trying to win any jump balls. I just called CQ or called people with no callers. I stayed under 30 WPM to keep the keyer from garbling. Also, the beam was fixed north - no rotating. After the first hour I tried to switch to 40m and discovered 20m only, 40 and 80 not working. So I trolled a second hour on 20m picking up anyone I could hear as signals faded to the west. I did work 9N7AA. Thank you to the ops who suspected my delays and slowed and waited, it really helped. I enjoyed providing the Mult. HH2AA Ed (op K6UFO) Station HH2AA on RemoteHamRadio.com Flex 6600 at 100 watts. 3el beam at 60ft on mountaintop. - HH2AA (op K6UFO)”*

An updated set of CW Sprint records has been created by Bob Brandon K5PI and posted at [ncjweb.com/north-american-sprint](http://ncjweb.com/north-american-sprint). You can also download printable certificates for any of your Sprint scores by following the “Print Your Certificate” link on the same web page. Thanks a lot to both Bob and to Bruce Horn WA7BNM for their support of the contest.

### Strategy

The increased activity at the start kept the herd on 20 meters for about 1:15 and on 40 meters for 1:35. That left 1:10 for 80 meters. Conditions and the fact that 22% of ops never made to 80 meant rates dropped sharply for the last 30 minutes — but even at the lowest point, rates on 80 were still 30% higher than in September. Once again, it looks like another 10 minutes more on 20 and 10 minutes less on 80 would have maximized the aggregate score.



Top Ten QSO Totals	
Call Sign	QSOs
N2IC	356
N5KO	353
N9RV	352
N2NT	351
K5GN	341
K4RO	340
N6TR	338
N4OGW	333
AA3B	330
W2RQ	330

The single-band QSO totals winners were:

- 20M: N6TR with 139 QSOs
- 40M: K4RO with 144 (70% of all calls found in logs)
- 80M: W2RQ with 105

For multipliers, Bob KW8N led the way with 52. Combining all those numbers ends up with a “Frankenscore” of 388 Qs times 52 mults for 20,176 points, a score that has only been achieved by W4AN (SK) over 20 years ago!

Top Ten Multipliers	
Call Sign	QSOs
KW8N	52
K1AR, N6TR, N6TV, NA8V, W9RE	51
KØEU, K9CT, KZ5D, NØNI, N6MJ, N9RV, W2GD	50

*Missed a lot of the usual mults. Strange to miss NY and OK, among others. - KJ9C*

*Never worked so many NE station, but no ME, SC, ND, or UT. Heard N5PP in OK briefly, but he was gone. - N6TV*

## Golden Logs

Andy N2NT ended up a mult and a QSO short of winning his 4<sup>th</sup> consecutive Sprint, but did turn in a log stuffed with 351 completely clean QSOs to lead the Golden Log list. Three other ops had over 300 QSOs in Golden Logs: Bob N6TV (327), Doug K1DG (309) and Tim K3LR (302).

<b>Golden Logs (over 100 contacts)</b>	
<b>Call Sign</b>	<b>QSOs</b>
N2NT	351
N6TV	327
K1DG	309
K3LR	302
N4OX	232
K1GU	210
N3AM	111

While she did not make the Golden Log group this time around, Heather AH7RF wins the Most Improved Sprinter award: *“What a frustrating experience! This contest is strange, and I don't have it figured out just yet. I'll try it again next time as well. Once I settled into it, it was kinda fun. Definitely happy I have 100W and good antennas now. It's quite hard over here without that... Thanks for inviting me – Heather AH7RF”* Heather had a 364x increase in score, handing out the HI mult to 26 times as many lucky ops as she did in September. If she can keep up that rate of score increase, Heather could top the leader charts in her third entry! Mahalo for the HI mult, Heather!

## The Finish Line

### Top Overall Scores

The top five Sprinters all had scores over 17,000 and there was only a 3% score difference between first and fifth place. To give you an idea how close that is, to win Superbowl LIX by 3%, the final score would have had to be Philadelphia Eagles 44, Kansas City Chiefs 42.68, or in a slightly higher scoring game, 844 to 820.

Pat N9RV narrowly came out top, earning his 6<sup>th</sup> Sprint victory and is now tied with W4AN (SK) and N2NT for career wins. Pat triumphed despite collecting 3 fewer QSOs than Trey N5KO in second place and finding one less multiplier than third place finisher, Tree N6TR. Pat and Trey had the same number of band changes and identical QSO totals in the second and fourth hours. After the first hour, Trey had an 11-QSO lead but Pat made up 8 of those in the third hour and his one-mult advantage trumped Trey's 3-QSO lead at the end. Andy N2NT took fourth place with a high QSO total but missed a few mults.

Another indicator of “close” was that the difference between Tree N6TR winning and finishing in third place was a single dropped “dit” that resulted in a lost multiplier. The tight races continued with Dave K5GN, Bob N6TV, Mike W9RE, Mark AG9A at NØNI, and Bud AA3B filling out the top ten across five different call districts – and breaking the N-call's complete ownership of the top ten.

<b>Top Ten Scores</b>									
<b>Call Sign</b>	<b>Score</b>	<b>QSOs</b>	<b>Mults</b>	<b>Band Changes</b>	<b>QSOs Lost</b>	<b>00Z</b>	<b>01Z</b>	<b>02Z</b>	<b>03Z</b>
N9RV	17,600	352	50	140	5	101	90	88	73
N5KO	17,297	353	49	140	3	110	90	80	73
N6TR	17,238	338	51	54	5	107	95	69	67

N2NT	17,199	351	49	119	0	113	83	86	69
N2IC	17,088	356	48	141	4	105	87	85	79
K5GN	16,709	341	49	82	5	90	86	80	85
N6TV	16,677	327	51	71	0	103	87	66	71
W9RE	16,524	324	51	82	12	78	90	84	72
NØNI (op AG9A)	16,250	325	50	76	3	90	80	64	91
AA3B	16,170	330	49	146	10	99	92	74	65

## High Power Classic – 12 Band Changes or Less

Dan N6MJ once again reduced wear and tear on his bandswitch knob, repeating his February win in the Classic category with just two band changes. Dan had 4 consistent hours and found 50 multipliers. John K1AR used a whopping 4 band changes and collected 51 mults but a slow third hour left him in second place with 21 fewer QSOs. Bill W2RQ had 194 QSOs in the first two hours and his 330 overall QSOs topped the category. However, multipliers were his kryptonite and only finding 46 left him in 3<sup>rd</sup> place. Gator N5RZ and Dave K6LL ended up just 72 points apart, with N5RZ's 28-QSO lead rewarding him with 4<sup>th</sup> place, overcoming fifth-place K6LL's four multiplier lead.

Jeff N5TJ, Doug K1DG, Dick N6AA, Tim K3LR, and John N2NC filled out the top ten with K1DG and K3LR turning in deletion-free Golden Logs. N5TJ made 317 QSOs with just a random wire up 30 feet!

Top Ten High Power - 12 Band Changes or Less									
Call Sign	Score	QSOs	Mults	Band Changes	QSOs Lost	00Z	01Z	02Z	03Z
N6MJ	16,050	321	50	2	3	93	73	84	71
K1AR	15,300	300	51	4	6	84	78	65	73
W2RQ	15,180	330	46	2	3	97	97	76	60
N5RZ	14,625	325	45	2	2	94	84	68	79
K6LL	14,553	297	49	2	4	88	71	70	68
N5TJ	14,444	314	46	6	3	94	83	68	69
K1DG	14,214	309	46	2	0	93	81	70	65
N6AA	14,210	290	49	2	5	89	57	85	59
K3LR	14,194	302	47	2	0	80	79	73	70
N2NC	13,662	297	46	6	2	83	79	73	62

## Low Power

Winning a jump ball in basketball rewards height and jumping ability. Winning Sprint “jump balls” (tail-ending the last QSO or busting a CQer's pileup) is key to a high Sprint score, requiring loudness **and** quickness. (But not *too much* quickness: remember to wait through the “ack” phase of the previous QSO on the jump ball freq.) Hundred-watters can be 6–12 dB below the amperage guzzling ops — kinda like a guard in basketball jumping against a center – they have to be wily and quick.

Ken KØEU and Lar K7SV must have been wearing Flubber-powered sneakers as they turned in scores that would have made the top 5 in the High Power Classic category. In a real squeaker, both ops entered

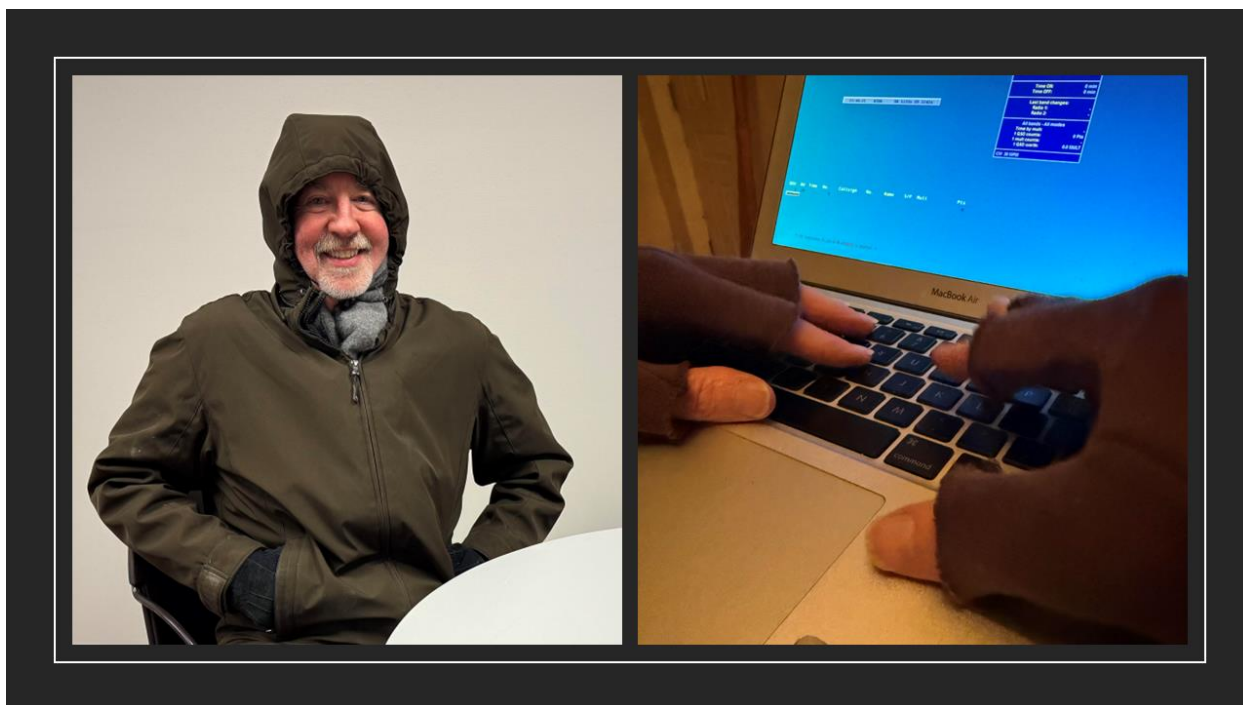
log checking with 309 QSOs and each lost 5 Qs. KØEU managed to root out one more multiplier to take the top of the podium with K7SV a mere 304 points behind in second place. K8MR edged out WQ5L by just under 200 points to take the third spot. Jay W1UJ, John K4BAI, Phil K3UA, Joe N8EA, Bill N7CW and Pat NAØN made up the rest of the Low Power top ten. (KØVBU was incorrectly shown as LP in the initial published results – Ed.)

Top Ten Scores – Low Power									
Call Sign	Score	QSOs	Mults	Band Changes	QSOs Lost	00Z	01Z	02Z	03Z
KØEU	15,200	304	50	28	5	92	75	62	75
K7SV	14,896	304	49	6	5	87	76	67	74
K8MR	12,735	283	45	12	5	83	73	60	67
WQ5L	12,549	267	47	2	3	76	55	60	76
W1UJ	11,985	255	47	80	5	71	67	65	52
K4BAI	11,396	259	44	2	3	68	64	65	62
K3UA	10,965	255	43	2	5	58	63	75	59
N8EA	10,965	255	43	8	6	73	71	59	52
N7CW	10,935	243	45	2	4	63	73	49	58
NAØN	10,750	250	43	66	2	77	74	61	38

Only KØEU and W1UJ had more than 12 band changes, so the Low Power Classic top ten looks very similar. K7SV moves up to the top spot and N3SD and K6ZH move into the top ten in ninth and tenth place respectively.

Top Ten Low Power – 12 Band Changes or Less									
Call Sign	Score	QSOs	Mults	Band Changes	QSOs Lost	00Z	01Z	02Z	03Z
K7SV	14,896	304	49	6	5	87	76	67	74
K8MR	12,735	283	45	12	5	83	73	60	67
KØVBU	12,650	275	46	4	4	78	71	72	54
WQ5L	12,549	267	47	2	3	76	55	60	76
K4BAI	11,396	259	44	2	3	68	64	65	62
K3UA	10,965	255	43	2	5	58	63	75	59
N8EA	10,965	255	43	8	6	73	71	59	52
N7CW	10,935	243	45	2	4	63	73	49	58
N3SD	9,761	227	43	2	11	48	62	57	60
K6ZH	9,374	218	43	4	11	67	57	53	41

Phil K3UA probably set the lowest shack temperature standard this time around. (Maybe VY1CO would challenge him for that one!) K3UA operated from an unheated house wearing no-fingertip gloves at 25 degrees and sending all CW by hand! No idea if he was stuck to the keys! His soapbox entry was pretty cool: *It was 25 degs F in the house. No computer USB interface as all Qs logged by hand. All exchanges sent by hand with keyer. At the last minute decided to use the name TOM in lieu of PHIL because with frozen hands it is much easier to send all dashes and not having to send lots of dots!!! – K3UA*



Photos by Nancy Koch

## QRP

If 100 watters are like basketball guards going against centers in jump balls, QRP Sprinters are guards with really short arms. This time around nine ops entered the fray while barely lighting up the first bar on their rig's power output meter. Dan K7SS used a distinctive CW fist to add a few dB to his signal and came in at the top of the peanut whistle pack. Dan's 10,258 (with only 2 band changes) would have made the top ten in the Low Power – 12 Band Changes category. Ken KE3X came in second, doing all of us a favor by giving out the DC multiplier.

*ONE HALF WATT to a 20-Foot End-Fed Wire. Tnx for your patience and the QSOs. Go Arizona Outlaws! - 73- John N6HI – N6HI*

Mike K8CN came in third and John W4ER took fourth and was the only 4-land call to make any of the top tens. Bill NØAC, Brad WF7T (an actual 4-lander), John N6HI (running half of a watt!), Dale WC7S, and Tim NØLMQ rowed their tiny boats really fast in the turbulent Sprint seas to fill out the rest of the QRP top nine.



Top Ten Scores – QRP									
Call Sign	Score	QSOs	Mults	Band Changes	QSOs Lost	00Z	01Z	02Z	03Z
K7SS	10,258	223	46	2	1	70	50	59	44
KE3X	8,405	205	41	6	3	60	58	49	38
K8CN	5,320	140	38	2	5	34	43	34	29
W4ER	4,248	118	36	3	1	4	39	50	25
NØAC	3,290	94	35	11	1	25	31	21	17
WF7T	3,069	93	33	1	8	41	45	7	0
N6HI	846	47	18	2	6	5	16	16	10
WC7S	798	38	21	1	3	8	17	13	0
NØLMQ	204	17	12	0	4	11	6	0	0



It's always great to hear from a new station having fun and even better if they are handing out a rare multiplier. Paul Caldara K7SHR put WY in 44 logs and writes, *"I have a confession. Last year I was a deer-in-the-headlights when it came to the NA CW Sprint. This year I decided to figure it out. Even though I made only 44 Q's, I had a blast! (And that was after 160 Q's from a POTA activation earlier in the day.) I made notes for next time on the back-and-forth cadence and QSYing – not complicated once you get it. I figured out that my logging software (N3FJP) tells me when I've QSY'd far enough. (Initially I didn't notice that the rig wasn't interfaced to the logging software so I didn't notice that feature.) Thanks for the reminder email that you sent out before the sprint. I'm r-ady for next time! 73, Paul K7SHR"* Paul sent us pictures of his home station inside and from one of his many POTA activations!



## Team Competition

Team participation jumped more than 50% in this running, always a good sign. The top three teams all came in with over 73,000 points, with the Hi Guys taking first place, and the Zoomers coming in second, moving up from their previous 4<sup>th</sup> place finish. A strong effort from the NCCC#1 gang took third and FRC Domestic #1 and SCCC#1 filled out the rest of the top 5. Team competition is a great way to get club members on the air — 11 on NCCC teams — and there are other close races in the team listings!

### Hi Guys

K5GN	16,709
K1AR	15,300
W2RQ	15,180
K3LR	14,194
K5ZD	14,076
	75,459

### The Zoomers

W9RE	16,524
NA8V	15,657
K7SV	14,896
N5RZ	14,625
KØVBU	12,650
	74,352

### Northern California Contest

#### Club #1

N5KO	17,297
N6TV	16,677
WD6T	13,635
K6XX	13,254
W6YX	12,742
	73,605

## Sprint Notes and Hints

VE7WO was in both the BC QSO Party (BCQP) and Sprint – we are happy to have the BC multiplier active in the contest and hope that the points from Sprint QSOs were welcome, too. VY1CO was also on for the BCQP and made 6 or so Sprint QSOs from a very rare multiplier. W1NVT was busy handing out VT QSO Party and Sprint QSOs but did not send in a Sprint log. FYI – the logging software N1MM+ has a two-contest switching routine that makes it easy to be in a couple of contests at the same time. Thanks to these ops for “sharing the wealth” in our contests.

Working a station “not in the contest” has been a subject of heartburn among the top Sprinters at times. There is nothing at all wrong with that. The contact will count if an exchange is received containing the necessary elements: number, name, and QTH. There are all kinds of ways to elicit the necessary

information from a non-Sprint station. The elements can be received in any order or in a sequence of back-and-forth questions. If all required information is exchanged, it's a legitimate QSO and there are no additional criteria, published or implied, for the QSO to count for Sprint credit.

While we're on the subject of getting the exchange information, using prefill databases is a great way to lose a lot of QSO points if the station sends something different than what's in the database. Remember that stations often change names to honor someone, because there is a guest op, or just decide to use a different name for whatever reason. Similarly, they might move or be operating while portable. Or like K3UA, it may be too cold to send their real name! Our best advice is to use your ears and copy what they send — don't trust "last time."

*Discovered my 40m beam would not turn. It was pointed toward Europe. Kind of lost focus for awhile when I realized I couldn't fix it within the shack. My last Sprint from this location. – K5ZD*

This month's Sprint Hint answers a question that came from a new sprinter trying to work more multipliers in the unusual Sprint format: It seems like everybody gets frustrated by missing mults that others worked. The QSY rule makes it much more difficult to park on a pileup and get the rare ones. Here are a few suggestions...

- When tuning across a QSO, listen carefully if the exchange doesn't start with two calls, indicating the station transmitting is going to stay on-frequency.
- If you hear a multiplier station starting their exchange with two calls, they are going to QSY, so take a guess in which direction they will tune, move 1 kHz, and call CQ or call them specifically.
- Call CQ at a modest speed on the second radio on 20 meters after the herd has moved to 40, or on 40 after everyone moves to 80.
- Call CQ a lot – you may be louder than you think, and the rarer multipliers often prefer to answer CQs.
- Right before you make the 20 to 40 or 40 to 80 move, try slow CQs higher up in the band above the main fray. SO2R ops can obviously do this for the entire 4 hours.

Results author John K3TN also notes: *Thanks to Jack W4NF for letting me remotely operate his FB one tower station using K4 to K4 remoting. The top rotator was stuck on EU – the 1 landers were loud! Delays were minimal – we both have fast and stable internet connections, but I did have some remote software blurps. I did get a lot of ST? responses because I was coming from VA instead of MD – hard to pull that out when the jump ballers don't wait for the other guy's ACK – K3TN.*

And from Sprint beginner WS5C: *Gotta start somewhere! Deer in the headlights is a common condition but after a while you get the hang of it. A good beginner's strategy is to not try to win the "jump balls" and just call CQ, work somebody, move a few kHz, and call CQ again – WS5C*

## Next Time – A September Shift

The next CW Sprint will take place on September 14 UTC (Saturday, September 13th, in US time zones). The Sprint is moving one week later than usual in the month to avoid the CW Open contest that would otherwise end just as the Sprint was starting. The September Sprint will return to its regular schedule in 2026 when it will be on a different weekend than the CW Open.

As always, the Sprint starts at 0000 UTC and 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 it and log it at 0359. For team registration, use the NCJ web page, [ncjweb.com](http://ncjweb.com). Submit logs via the log submission form on the NCJ website. Logs are due seven days after the contest! Final scores are typically posted on the NCJ website within 2 weeks of the contest. Check out the web resources at [kkn.net/n6tr/sprint.html](http://kkn.net/n6tr/sprint.html) and rules, records and previous results on the NCJ website.

*Always fun, too tired to stay on longer. - K8LF*

*Great conditions and pretty good activity. Fun to the end. - W9RE*

## 73, The Boring Radio Club and the *National Contest Journal*

### Line Scores

\* – Low Power, \*\* – QRP

Call	Name	QTH	20	40	80	QSO	Mults	Score	Band Changes	Team
K1AR	JOHN	NH	108	122	70	300	51	15,300	4	Hi Guys
K1DG	DOUG	NH	97	119	93	309	46	14,214	2	
K5ZD	RANDY	MA	109	109	88	306	46	14,076	49	Hi Guys
W1UJ	*JAY	MA	74	112	69	255	47	11,985	80	
W1WEF	JACK	CT	82	112	77	271	41	11,111	4	
KW1X	MARK	MA	54	81	32	167	38	6,346	2	
K8CN	**MIKE	NH	54	69	17	140	38	5,320	2	
AJ1DM	*JOHN	RI	22	23	0	45	23	1,035	1	
K1SX	*DAVE	MA	12	2	0	14	10	140	1	
N2NT	ANDY	NJ	119	133	99	351	49	17,199	119	FRC Domestic #1
W2RQ	BILL	NJ	103	122	105	330	46	15,180	2	Hi Guys
N2NC	JOHN	NJ	109	110	78	297	46	13,662	6	FRC Domestic #1
N2RC	MIKE	NY	0	38	0	38	25	950	0	
AA3B	BUD	PA	113	133	84	330	49	16,170	146	FRC Domestic #1
N3QE	TIM	MD	103	123	93	319	48	15,312	34	PVRC Sprint Squadron
W2GD	JOHN	PA	104	114	85	303	50	15,150	18	FRC Domestic #1
K3LR	TIM	PA	98	107	97	302	47	14,194	2	Hi Guys
K3MM	TY	MD	86	130	75	291	46	13,386	20	
K3UA	*TOM	PA	68	90	97	255	43	10,965	2	Ron & Phil
N3SD	*GREG	PA	56	111	60	227	43	9,761	2	MRRC + NCC

KE3X	**KEN	DC	62	87	56	205	41	8,405	6	PVRC Sprint Squadron
N8NA	*KARL	DE	60	84	57	201	41	8,241	2	
WA3AAN	GRANT	PA	63	85	28	176	40	7,040	4	
W3KB	*KEITH	PA	68	79	24	171	38	6,498	4	
NJ3K	*BRUCE	PA	40	60	33	133	37	4,921	2	MRRC + NCC
N3AD	ALAN	PA	25	69	47	141	34	4,794	7	FRC Domestic #1
K3MD	*JOHN	PA	47	59	13	119	33	3,927	8	
N3AM	JOHN	MD	0	88	23	111	35	3,885	1	
N4ZR	PETE	MD	55	29	0	84	32	2,688	1	
W3RGA	*PAT	PA	21	9	0	30	16	480	1	
K4RO	KIRK	TN	93	144	103	340	47	15,980	116	TCG Sprinters
K7SV	*LAR	VA	102	116	86	304	49	14,896	6	The Zoomers
KU8E	JEFF	GA	102	100	79	281	48	13,488	5	South East Sprint Coalition #1
KØEJ	MARK	TN	99	112	81	292	46	13,432	4	TCG Sprinters
K4ZW	KEN	VA	82	117	80	279	46	12,834	12	
K8MR	*JIM	FL	113	101	69	283	45	12,735	12	MRRC + NCC
K3TN	JOHN	VA	89	105	78	272	46	12,512	2	PVRC Sprint Squadron
AD4EB	JIM	TN	86	103	79	268	46	12,328	2	TCG Sprinters
N4AF	AL	NC	93	121	42	256	47	12,032	39	
K4FN	DAN	KY	81	113	65	259	46	11,914	3	South East Sprint Coalition #1
N4ZZ	DON	TN	81	117	70	268	44	11,792	2	AOCC Jailbreakers
N4WW	DOC	FL	84	112	70	266	44	11,704	2	South East Sprint Coalition #1
W4NZ	TED	TN	92	100	76	268	43	11,524	12	TCG Sprinters
K4BAI	*JOHN	GA	84	97	78	259	44	11,396	2	South East Sprint Coalition #2
N4OX	JAY	FL	106	126	0	232	46	10,672	1	South East Sprint Coalition #1
KQ4R	ED	FL	97	84	47	228	42	9,576	4	South East Sprint Coalition #3
NK4O	*AJ	FL	87	81	38	206	43	8,858	2	South East Sprint Coalition #3
K1GU	*NED	TN	52	91	67	210	42	8,820	2	TCG Sprinters
N4OO	*BRIAN	GA	53	82	58	193	42	8,106	20	South East Sprint Coalition #2
ND8L	RAY	FL	81	91	0	172	45	7,740	1	South East Sprint Coalition #2
N4GO	JAY	KY	71	80	33	184	41	7,544	2	South East Sprint Coalition #3
KG3V	*TOM	VA	45	57	44	146	34	4,964	6	
W4ER	**JOHN	AL	40	71	7	118	36	4,248	3	
N4YDU	NATE	NC	56	20	44	120	34	4,080	2	
N4CW	BERT	NC	0	91	0	91	35	3,185	0	
WF7T	**BRAD	TN	46	47	0	93	33	3,069	1	
K4MX	*JERI	VA	23	30	36	89	32	2,848	3	
N4DW	*DAVE	TN	0	32	37	69	30	2,070	1	
K4QPL	JIM	NC	0	51	21	72	28	2,016	3	
N2NL	DAVE	FL	19	21	0	40	27	1,080	1	
KA3EHL	*CHUCK	FL	0	34	0	34	26	884	0	
K8LF	*JAY	VA	22	3	0	25	18	450	1	
N4JRG	*MIKE	KY	0	17	0	17	12	204	0	
N2IC	STEVE	NM	135	133	88	356	48	17,088	141	AOCC Jailbreakers

K5GN	DAVE	TX	116	135	90	341	49	16,709	82	Hi Guys
N4OGW	TOR	MS	113	132	88	333	47	15,651	135	Deep Dixie CC Team Elvis
KZ5D	ART	LA	115	107	73	295	50	14,750	54	Deep Dixie CC Team Elvis
N5RZ	GATOR	TX	113	115	97	325	45	14,625	2	The Zoomers
N5TJ	JEFF	TX	120	131	63	314	46	14,444	6	
K5TR	GEO	TX	118	134	74	326	44	14,344	118	South East Sprint Coalition #2
WQ5L	*RAY	MS	99	96	72	267	47	12,549	2	South East Sprint Coalition #1
K5NZ	*MIKE	TX	80	49	20	149	40	5,960	4	
K5OY	*STEVE	AR	17	28	21	66	29	1,914	4	
AF5CC	*JOHN	OK	1	24	26	51	22	1,122	2	
KD2KW	*KEN	TX	27	0	0	27	13	351	0	
N5UM	*AL	OK	0	10	0	10	8	80	0	
N5KO	TREY	CA	135	135	83	353	49	17,297	140	Northern California Contest Club #1
N6TV	BOB	CA	132	137	58	327	51	16,677	71	Northern California Contest Club #1
N6MJ	DAN	CA	136	121	64	321	50	16,050	2	SCCC #1
N5ZO (@WA6TQT)	MARK	CA	114	115	78	307	49	15,043	102	SCCC #1
N6AA	DICK	CA	131	102	57	290	49	14,210	2	SCCC #1
WD6T	DAVE	CA	109	119	75	303	45	13,635	104	Northern California Contest Club #1
AE6Y	ANDY	CA	117	119	46	282	48	13,536	46	Northern California Contest Club #2
K6XX	BOB	CA	115	104	63	282	47	13,254	2	Northern California Contest Club #1
W6YX (op N7MH)	MIKE	CA	111	109	57	277	46	12,742	42	Northern California Contest Club #1
N6ZFO	BILL	CA	112	88	54	254	47	11,938	2	Northern California Contest Club #2
AJ6V	ED	CA	116	98	41	255	46	11,730	4	Northern California Contest Club #2
K9YC	JIM	CA	100	95	54	249	44	10,956	4	Northern California Contest Club #2
K6ZH	*JIM	CA	86	100	32	218	43	9,374	4	SCCC #1
AC6T	STEVE	CA	91	82	27	200	43	8,600	2	SCCC #1
WX5S (@N6RO)	MATT	CA	81	88	29	198	42	8,316	4	Northern California Contest Club #3
N6XI	RICK	CA	74	75	32	181	41	7,421	16	Northern California Contest Club #3
K6NR	DANA	CA	94	52	33	179	39	6,981	2	
W6RGG	BOB	CA	31	65	0	96	37	3,552	1	Northern California Contest Club #4
NI6W (op W4EF)	VIC	CA	0	85	3	88	37	3,256	2	
W6SX	HANK	CA	69	29	0	98	33	3,234	1	Northern California Contest Club #3
WH7T	*MARK	HI	49	39	0	88	33	2,904	1	
WA6URY	DAN	CA	43	22	0	65	31	2,015	1	SCCC #2
N6TTV	CJ	CA	44	25	0	69	29	2,001	1	Northern California Contest Club #2
W6QX	*STEVEN	CA	27	5	0	32	22	704	1	

AH7RF	*HEATHER	HI	19	6	0	25	13	325	1	
N3RC	*ROGER	CA	15	0	0	15	15	225	0	Northern California Contest Club #4
N9RV	PAT	MT	124	135	93	352	50	17,600	140	Big Sky Contesters
N6TR	TREE	OR	139	126	73	338	51	17,238	54	Oregon Sprinters
K6LL	DAVE	AZ	126	122	49	297	49	14,553	2	AOCC Jailbreakers
K7RL	MITCH	WA	92	113	58	263	47	12,361	76	
WJ9B	WILL	ID	100	107	60	267	46	12,282	68	
K7QA	TOM	MT	105	99	71	275	44	12,100	2	Big Sky Contesters
K8IA	BOB	AZ	95	116	48	259	45	11,655	2	AOCC Persuaders
KJ9C	MEL	MT	101	97	62	260	44	11,440	2	Big Sky Contesters
N7CW	*BUD	AZ	83	101	59	243	45	10,935	2	AOCC Jailbreakers
K17Y	JIM	OR	114	90	37	241	45	10,845	4	Oregon Sprinters
AA7V	STEVE	AZ	88	70	74	232	46	10,672	2	AOCC Persuaders
K7SS	**DAN	WA	103	98	22	223	46	10,258	2	
WS7L	CARL	OR	97	91	49	237	43	10,191	2	Oregon Sprinters
W9CF	*KEVIN	AZ	83	84	38	205	43	8,815	2	AOCC Jailbreakers
KM9R	*MIKE	NV	77	69	18	164	38	6,232	2	Northern California Contest Club #3
N7VS	*STEVE	OR	53	51	7	111	38	4,218	2	
KQ7I	JEFF	OR	51	38	0	89	32	2,848	1	Oregon Sprinters
N6HI	**JOHN	AZ	24	22	1	47	18	846	2	
WC7S	**DALE	WY	16	22	0	38	21	798	1	GMCC Avalanche
K7SHR	*PAUL	WY	29	10	0	39	20	780	1	
AL1G	CAT	AK	25	0	0	25	17	425	0	
N7AGP	BOB	MT	7	9	0	16	11	176	1	
NA8V	GREG	MI	81	123	103	307	51	15,657	26	The Zoomers
KW8N	BOB	OH	90	114	97	301	52	15,652	26	MRRC + NCC
N8EA	*JOE	MI	71	104	80	255	43	10,965	8	
K8MM	IAN	MI	0	106	54	160	42	6,720	1	
K9NW	*MIKE	OH	11	102	36	149	38	5,662	5	MRRC + NCC
W8UE	TED	MI	46	68	20	134	42	5,628	5	
N8LR	*GARY	MI	15	62	36	113	34	3,842	2	
W8ZDT (@K8LX)	*KEVIN	MI	15	30	0	45	21	945	1	
AF8A	*GARY	OH	42	0	0	42	18	756	0	
W9RE	MIKE	IN	109	127	88	324	51	16,524	82	The Zoomers
K9CT	CRAIG	IL	88	120	100	308	50	15,400	16	SMC Jazz
WT9U	JIM	IN	87	109	95	291	47	13,677	14	SMC Rock
K9BGL	KARL	IL	94	107	68	269	46	12,374	15	SMC Rock
N9LQ	JOEL	IL	78	98	80	256	45	11,520	2	SMC Rock
WI9WI	JIM	WI	75	89	62	226	42	9,492	2	SMC Jazz
KYØQ	*RICK	IL	45	95	64	204	41	8,364	32	SMC Rock
K9DX	*JOHN	IL	53	100	39	192	38	7,296	2	SMC Jazz
AA9RK	*MIKE	WI	12	45	27	84	34	2,856	2	
KW9A	DAVE	IL	4	4	0	8	8	64	1	SMC Jazz
NØNI (op AG9A)	MARK	IA	112	128	85	325	50	16,250	76	SMC Jazz
KØEU	*KEN	CO	115	111	78	304	50	15,200	28	GMCC Nuggets
KØRF	CHUCK	CO	93	112	80	285	49	13,965	80	GMCC Nuggets
WØBH	BOB	KS	87	112	77	276	49	13,524	14	
KØVBU	BILL	KS	74	100	101	275	46	12,650	4	The Zoomers

ABØS	TIM	NE	89	95	80	264	45	11,880	2	Deep Dixie CC Team Elvis
NAØN (@WØZT)	*PAT	MN	88	108	54	250	43	10,750	66	
NØTA	JOHN	CO	73	92	49	214	40	8,560	2	GMCC Nuggets
WØCO	*BRAD	CO	57	86	40	183	39	7,137	8	GMCC Nuggets
KVØI	BILL	NE	55	79	31	165	40	6,600	6	
AI6O	*ED	MO	51	69	34	154	39	6,006	11	
N3ZZ	*TOM	CO	85	70	0	155	38	5,890	1	GMCC Avalanche
WDØT	TODD	SD	84	55	19	158	36	5,688	4	
NØLY	*JON	MO	61	86	0	147	36	5,292	1	
N7WY	BOB	MO	63	75	0	138	38	5,244	1	
WØZA	*GREG	NE	39	45	37	121	35	4,235	3	GMCC Avalanche
NØAC	**BILL	IA	35	35	24	94	35	3,290	11	
WØXM	BOB	KS	52	21	0	73	31	2,263	1	
NØGN	PAUL	NE	31	33	14	78	28	2,184	2	
NØAVK	*BILL	IA	9	7	5	21	18	378	4	
NØLMQ	**TIM	MO	17	0	0	17	12	204	0	
KP2M (op KT3Y)	PHIL	KP2	116	116	69	301	45	13,545	6	
VE3YT	VIC	ON	91	97	72	260	44	11,440	4	
VE7WO	*BRIAN	BC	52	28	0	80	26	2,080	1	
HH2AA (op K6UFO)	*ED	HH	65	0	0	65	30	1,950	0	
VE3JZT	*JEFF	ON	9	4	0	13	9	117	3	

## TEAM SCORES

<b>Hi Guys</b>	
<b>K5GN</b>	16,709
<b>K1AR</b>	15,300
<b>W2RQ</b>	15,180
<b>K3LR</b>	14,194
<b>K5ZD</b>	14,076
	75,459
<b>The Zoomers</b>	
<b>W9RE</b>	16,524
<b>NA8V</b>	15,657
<b>K7SV</b>	14,896
<b>N5RZ</b>	14,625
<b>KØVBU</b>	12,650
	74,352
<b>Northern California Contest Club #1</b>	
<b>N5KO</b>	17,297
<b>N6TV</b>	16,677
<b>WD6T</b>	13,635
<b>K6XX</b>	13,254



<b>W6YX</b>	12,742
	73,605
<b>FRC Domestic #1</b>	
<b>N2NT</b>	17,199
<b>AA3B</b>	16,170
<b>W2GD</b>	15,150
<b>N2NC</b>	13,662
<b>N3AD</b>	4,794
	66,975

5. SCCC #1 (N6MJ, N5ZO, N6AA, K6ZH, AC6T)	63,277
6. AOCC Jailbreakers (N2IC, K6LL, N4ZZ, N7CW, W9CF)	63,183
7. TCG Sprinters (K4RO, KØEJ, AD4EB, W4NZ, K1GU)	62,084
8. South East Sprint Coalition #1 (KU8E, WQ5L, K4FN, N4WW, N4OX)	60,327
9. Northern California Contest Club #2 (AE6Y, N6ZFO, AJ6V, K9YC, N6TTV)	50,161
10. MRRC + NCC (KW8N, K8MR, N3SD, K9NW, NJ3K)	48,731
11. SMC Jazz (NØNI, K9CT, WI9WI, K9DX, KW9A)	48,502
12. SMC Rock (WT9U, K9BGL, N9LQ, KYØQ)	45,935
13. GMCC Nuggets (KØEU, KØRF, NØTA, WØCO)	44,862
14. Deep Dixie CC Team Elvis (N4OGW, KZ5D, ABØS)	42,281
15. South East Sprint Coalition #2 (K5TR, K4BAI, N4OO, ND8L)	41,586
16. Big Sky Contesters (N9RV, K7QA, KJ9C)	41,140
17. Oregon Sprinters (N6TR, KI7Y, WS7L, KQ7I)	41,122
18. PVRC Sprint Squadron (N3QE, K3TN, KE3X)	36,229
19. South East Sprint Coalition #3 (KQ4R, NK4O, N4GO)	25,978
20. Northern California Contest Club #3 (WX5S, N6XI, KM9R, W6SX)	25,203
21. AOCC Persuaders (K8IA, AA7V)	22,327
22. Ron & Phil (K3UA)	10,965
23. GMCC Avalanche (N3ZZ, WØZA, WC7S)	10,923
24. Northern California Contest Club #4 (W6RGG, N3RC)	3,777
25. SCCC #2 (WA6URY)	2,015