



Final Results: North American Sprint CW September 2022

Jim George, N3BB (n3bb@mindspring.com) and Ward Silver, NØAX (n0ax@arrl.net)

(These are the final results which 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.)

Ver 1.22 correctly shows Top Ten finishes by N6TR and N2IC – Ed.

The September 2022 NA Sprint is history, with 166 logs received and good to very good band conditions noted by most. Twenty meters was open the entire four hours! Broadly speaking, the East-West participation was roughly equal with 86 logs from east of the Mississippi River and 80 from the west. Twenty-two teams were formed and that definitely added to the fun and frolic — more on teams later.

It's always interesting how many "super ops" show up for the NA Sprint but do **not** take part in the Thursday night NCCC events... amazing that they retain such sharpness for twice a year excellence. Of the 89 Sprint contests, N6TR heads the Top Ten finishes with 67, followed by N2IC with 58. Speaking of N2IC, if you were wondering why NM was not as easy as usual, note that Steve missed this one because he was one of the fire-fighting responders battling dangerous fires in the US West – thanks! Other Sprint stalwarts include N2NT, N5KO, N5RZ, N6TV, and K5ZD, all with forty or more appearances.

Mult Madness

The top multiplier count — 56 — was the highest in Sprint history! Your multiplier total might have been a bit higher thanks to active encouragement from several, including our Canadian friends from "Down East" (the Maritime and Newfoundland provinces) in addition to regular SKer (no, he's still very much with us) VE5-SilverFox. Here in the continental US, TX, CA, TN, GA, NC, and MA were in most of the logs (96%) while AK, AB, TI, XE, WV, and MB were in the fewest at 30%. In addition, Maine and Nova Scotia each made a **single** contact with a lucky Sprinter!

Top Ten Multipliers	
Call	QSOs
N5KO	56
N4AF	55
K3LR	54
K4RO	54
K5GN	54
K5TR	54
K5ZD	54
N2NL	54
N2NT	54
N6MJ	54

Multipliers always are a bit of a mystery in terms of catching most of them. In addition to making lots of contacts and somehow being able to sort of a needed Mult when several stations call you at once in a "jump ball" when you inherit a frequency, there is a bit of good fortune. The Ten with a combination of all these favorable features this time are listed below... Trey - N5KO, ensconced up on the hilltop in Dave Leeson's station, W6NL, managed to come out on top with 56...Wow! There were actually 60 multipliers in the database, so nobody made a clean sweep — you'll have to wait for Sweepstakes for that.

The Big Noise

Top Ten Scores									
Call	Score	QSOs	Mults	Band Chgs	QSOs Lost	00Z	01Z	02Z	03Z
N5KO	19,600	350	56	144	2	100	88	82	80
N2NT	19,548	362	54	116	0	109	91	83	79
N9RV	18,846	349	54	129	6	101	93	71	84
N6MJ	18,792	348	54	2	5	101	87	75	85
K4RO	18,522	343	54	116	5	97	91	84	71
N2NL	18,468	342	54	2	4	107	80	70	85
K5TR	18,198	337	54	19	4	101	82	78	76
N4AF	18,150	330	55	138	11	103	85	77	65
K5GN	18,144	336	54	73	5	91	84	84	77
K5ZD	18,036	334	54	50	3	104	91	78	61



When it's Sprint time, Trey N5KO usually makes the winding drive to the mountaintop QTH of Dave W6NL and Barb K6BL Leeson. I think it works — he's won the contest 11 times now from their fine station overlooking SF Bay. (Photo courtesy Trey Garlough, N5KO.)

Although Andy, N2NT submitted a gigantic golden log and set a new HP record from NJ, it wasn't enough to overcome the two extra mults worked by N5KO, operating from W6NL. The difference in the top scores was the equivalent of only two QSOs. It is amazing to see all of the Top Ten so closely packed, especially in multipliers.

Top Ten Scores – Low Power									
Call	Score	QSOs	Mults	Band Chgs	QSOs Lost	00Z	01Z	02Z	03Z
NO3M	17,472	336	52	164	8	104	80	84	68
KØEU	15,496	298	52	62	8	77	75	80	66
K7SV	15,370	290	53	18	5	78	86	71	55
NAØN	15,211	287	53	82	2	84	68	72	63
WQ5L	15,052	284	53	2	1	86	71	66	61
W1NN	13,992	264	53	15	0	70	57	67	70
N6ZFO	13,769	281	49	2	4	78	72	64	67
K3UA	13,377	273	49	2	5	79	71	75	48
N8EA	12,954	254	51	6	9	63	66	70	55
W8WTS	12,912	269	48	102	6	75	65	72	57

Wow – nice score and an all-time record for LP set by Eric NO3M. He missed cracking the overall Top Ten by thiiiiiiiiiiisss much! Look at how close places 2–5 and 6–8 finished, too. LP is a very, very competitive category. Eric did all of this using wire beams on 20 and 40 (3-element inverted delta loops) and a dipole on 80, too!

Top Scores – QRP									
Call	Score	QSOs	Mults	Band Chgs	QSOs Lost	00Z	01Z	02Z	03Z
K7SS	9,541	203	47	2	11	64	47	46	46
N6TR	9,108	198	46	4	2	60	44	57	37
N6AN	5,984	136	44	4	3	37	40	45	14
K8CN	4,028	106	38	9	5	20	18	42	26
W4ER	2,688	84	32	1	1	0	29	47	8
WC7S	2,190	73	30	5	16	12	24	18	19

K7SS and N6TR went QRP and racked up impressive scores — the West Coast "Terror Twins" for minimites for sure and it appears that DanWA, aka K7SS, finally traded in his secret #2 pencil for a computer!

It's a Team Game

Teams continue to be a way to stir up local and regional interest and contribute to the activity level in an important way. The top team this running was the Texas Tornados, with results headed up by Austin/Houston operators including N5TJ (at K5TR) and K5GN. Also, the "Texas Lady," Barb/N9NM showed up again after I fudged the team by adding her OM, Pete to qualify her with a bit of team trickery. In addition, the Zoomers (W9RE and friends), CODE GUYS (NO3M et al), and SCCC #1 with top-op N6MJ and buddies head the Sprint teams scoring.

Those New Records

There are quite a few new records after this edition of the NA Sprint. Let's start by recognizing NO3M's all-time record Low Power score of well over 17K. Eric/Ty continues to wow us and his 164 band changes — the most of anyone — underscore how efficient he was interleaving his QSOs from a SO2R setup with low Yagi and wire antennas. The previous record by N6MJ (17,050 points) was set in 2004 — 18 years ago — so this is a *very* noteworthy note! Congratulations!

There is a new LP record in KY for K4FN with 11,703 points — the old one was set in 2002. Speaking of old records, KZ5D beat the 1995 LA HP record with a score of 16,271. VO2AC has the NFLB HP record with 4,165 points. K9VV/KP2 got on for a few QSOs and now has the previously unclaimed KP2 record with 551 points but I don't think this one will last very long! What's going on with 2003, anyway? Lots of walnut got burned from that year and some was scorched!

Personal bells were rung in the "Competing Against Yourself" category:

- KE3X smashed his old HP record from DC with 13,936 points
- ABØS extended his KS HP record at 13,442
- N3QE bettered his old MD HP record with 16,692 points
- N8EA has a new MI LP record at 12,954
- NAØN pushed his 2003 MN LP record to 15,211 points
- WQ5L claimed the MS LP record with 15,052 points
- N4AF took his 2003 personal NC HP record to 18,150
- N2NT's golden log was a new NJ HP record, too, with 19,548 points
- W1NN, operating remote, has a new OH LP record at 13,992
- N6TR turned off the amp and has the OR QRP record of 9,108 points

In the Oh-So-Close category:

- N9RV came within 30 points of his old MT HP record
- KØEU missed setting a new CO LP record by only 86 points
- AG9A operating from NØNI was only 122 points behind the old IA HP record
- K3LR was only 60 points behind NO3M's PA HP record
- K7SV almost got to his 2003 VA LP record but was 230 points short
- WC7S closed to 333 points behind the the WY QRP record

K1AR came within 385 points of his brother-in-law's NH LP record but managed to beat K1DG anyway — Thanksgiving will be awkward.



Hey, it's one of those Texas guys — they were everywhere! Rob K5PI was mighty loud here in the Midwest. He gave Gator N5RZ a run for his money from a very competitive state. (Photo courtesy of Rob Brandon, K5PI)

Scatter Shots

N2NT's golden log of 362 contacts may be the highest perfecto ever logged. Andy said afterwards that he was sure it would be tarnished by some “pretty weak contacts,” but his ears pulled the right information out of the soup. This is why the Sprint logo features “2 Ears”! Significantly, there were five logs with ZERO errors. Congrats to N2NT and the four others who showed great CW copying skills (and typing skills as well):

Golden Logs (over 100 contacts)	
Call	QSOs
N2NT	362
N5ZO	328
KM7W	306
W1NN	264
KW9A	232

Slowly but surely, the NA CW Sprint participation is increasing to where the fabled “Page Nine” level of 400 QSOs is within sight. Maybe with some more solar flux, a little word of mouth, and practice practice practice, someone will roll over at 399? A tip of the Sprint cap to Art KZ5D for encouraging the many members of CWops to join in the fun, by the way, and welcome to all of the new call signs being logged from that fine CW organization!

Top Ten QSO Totals	
Call	QSOs
N2NT	362
N5KO	350
N9RV	349
N6MJ	348
K4RO	343
N2NL	342
K5TR	337
K5GN	336
NO3M	336
K5ZD	334

If you were wondering why K5TR was sending so fast, this was N5TJ's return to NA Sprint action after twenty years... Jeff still has the magic touch! Operating from the perennial sweet spot of Austin, Texas was a good way to get back into the swing of things. Future Top Ten competitions just got a little more crowded.

Here's a guy on his way up – both score-wise and topography. Chris, known as KM7W most of the time, is building a new station amid the wild horses of Montana on a wind-swept ridge with a fabulous view of...everything! Look for a lot more top scores as more of the station gets installed! (Photo courtesy Chris Hurlbut, KL9A)



Watts In A Name

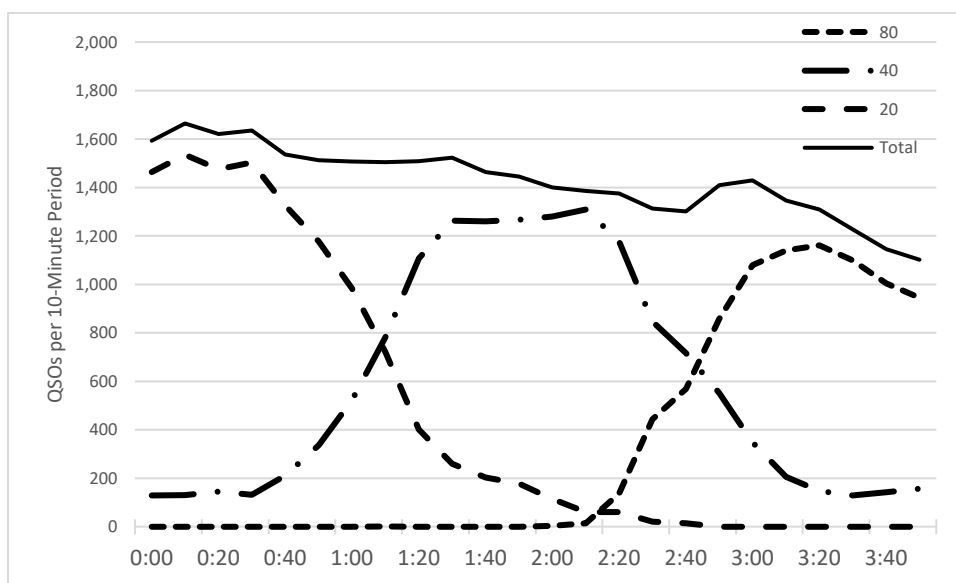
You may have noticed quite a number of stations using the name "Kurt". This was in recognition of the many contributions of recent Silent Key K7NV in the antenna and tower field. 73, OM.

Name changes like this are common and often result in busted QSOs if the receiving station is distracted or assuming you know the name from the call. People move or guest op, too, so copy what they send. If you mess up the first QSO and let the computer fill in the name for you on subsequent contacts, you'll lose them all!

From The Management: If you do change your exchanged name, be SURE to change your sending messages. All of them! Having to change your message name after the contest starts wastes time and it confuses anyone whom you work later so they may go back and change the name in earlier QSOs, thus risking losing a contact unnecessarily. Plus, it causes no end of trouble for the log checkers. So please be sure you are set up to send the right stuff from the git-go. Thanks...

Band by Band

The band-by-band activity levels reflected very good late-summer conditions as the 20 meter segue to 40 meters held off until 01:10. Eighty meters became the dominant band at 02:50. So the "primary" periods were 70 minutes on 20, 100 minutes on 40, and 70 minutes on 80 meters. Many of



the usual SO2R stations noted that they focused on 20 meters almost exclusively during the first hour because the rates were so good.

The atmospherics held off for the most part on 80 meters but we still see a drop-off in activity in the 0300 hour. As you encourage part-timers on your teams and in your contest clubs (you *do* encourage them, don't you?), remind them that a modest backyard dipole will produce plenty of 80 meter QSOs. A new call in that last hour certainly attracts attention! Casual ops often find 20 and 40 meters to be a lot less intimidating after 02:30, as well, since those bands are staying open later now.

Ch-Ch-Ch-Changes

Quite a few sprinters do head-swimmingly large numbers of interleaving band changes, while many others rack up astonishing QSO totals by doing the "Sprint three-step," and move from twenty to forty to eighty meters...just like that. Here are the leaders in QSOs with minimum band changes:

Top Ten High Power - Max 12 Band Changes									
Call	Score	QSOs	Mults	Band Chgs	QSOs Lost	00Z	01Z	02Z	03Z
N6MJ	18,792	348	54	2	5	101	87	75	85
N2NL	18,468	342	54	2	4	107	80	70	85
K3LR	16,956	314	54	2	2	84	87	72	71
K6XX	16,695	315	53	2	9	86	74	70	85
KZ5D	16,271	307	53	2	8	93	78	60	76
N5RZ	16,269	319	51	2	5	95	84	67	73
K1AR	16,065	315	51	6	3	93	91	68	63
KM7W	15,912	306	52	2	0	89	70	71	76
K1DG	15,808	304	52	3	6	82	85	78	59
N4YDU	15,555	305	51	2	3	82	80	71	72

Top Ten Low Power - Max 12 Band Changes									
Call	Score	QSOs	Mults	Band Chgs	QSOs Lost	00Z	01Z	02Z	03Z
WQ5L	15,052	284	53	2	1	86	71	66	61
N6ZFO	13,769	281	49	2	4	78	72	64	67
K3UA	13,377	273	49	2	5	79	71	75	48
N8EA	12,954	254	51	6	9	63	66	70	55
K1GU	12,144	253	48	2	8	61	78	63	51
K4FN	11,703	249	47	2	7	57	69	54	69
K1HT	11,592	252	46	3	5	77	55	61	59
WW4XX	11,232	234	48	2	6	60	60	49	65
KG5U	10,340	220	47	5	5	25	75	59	61
WF7T	9,917	211	47	7	6	55	51	54	51

Since we are discussing band changes, here are the operators who displayed the best of that skill!

Top Ten Number of Band Changes	
Call	Band Changes
NO3M	164
N5KO	144
K5PI	141
N4AF	138
N9RV	129
W9RE	128
K4RO	116
N2NT	116
N5ZO	114
W1UJ	108

Sprint Soapbox

Here are a few of the comments submitted:

- K8LF requests that stations remember to slow down to match the CW speed of newer and slower ops.
- N6AN was operating from Coldwater Canyon Park with QRP — he sent everything by hand and had to switch to paper logging when his PC ran out of juice.
- Mike/W9RE commented that the Sprint is "the greatest short contest going - a real blast!"
- WA6URY's usual participation took place from Tokyo (yes, that Tokyo) where he noted that it's Sunday morning local time.

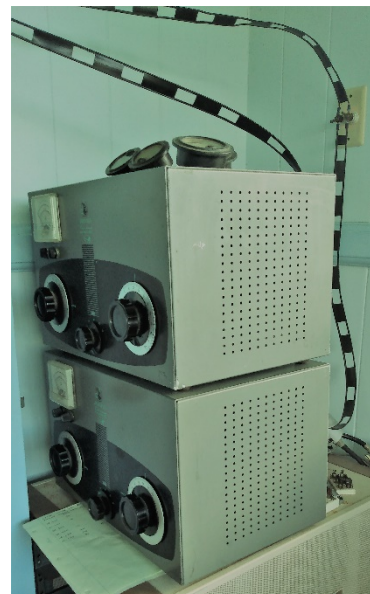
Welcome and Mahalo!

Ken KH6KB responded to an email inviting contesters to the Sprint and decided that, yes, he would give



it a try. He had some questions about the rules and multipliers — didn't we all? Using a tuned 82-foot doublet that looks like the original cloud-based antenna, you'd think there might be lengthy tuning sessions, but Ken just hooked

up two Matchboxes in parallel, one tuned for 20 and one for 40. All he had to do was switch between them! It worked pretty well and we hope Ken had enough fun to join us again in February!



It's A Wrap

For those from the Canadian northeast, thanks for getting on and we hope you and your family and your station are safe after the historic destruction from Hurricane Fiona. As this is written, southwestern Florida is taking a hit from Hurricane Ian and all Sprinters are hoping that you all will have made it through unscathed, as well. The contest community extends its best wishes to all!

Thanks to the log checker and folks who work behind the scenes to make Sprint interesting and fun. And to all who participated, you made this a memorable Sprint event. We hope to see you in February's edition — watch the NCJ website (ncjweb.com) for any postings about start time. A decision will be made based on solar activity and band conditions. Please continue to publicize the Sprint and organize teams. It makes for extra fun for all and often results in a new Sprinter.

73, The Boring Radio Club and the National Contest Journal

LINE SCORES

* – Low Power, ** – QRP

Call	Name	QTH	20	40	80	Total QSOs	Mults	Score	Band Chgs	Team
K5ZD	RANDY	MA	119	127	88	334	54	18,036	50	HI GUYS
K1AR	JOHN	NH	106	114	95	315	51	16,065	6	
K1DG	KURT	NH	95	120	89	304	52	15,808	3	HI GUYS
W1WEF	JACK	CT	86	119	69	274	50	13,700	6	The Zoomers
W1UJ	JAY	MA	79	107	74	260	49	12,740	108	
K1HT	*DAVE	MA	99	97	56	252	46	11,592	3	
K8CN	**MIKE	NH	34	46	26	106	38	4,028	9	
AJ1DM	*JOHN	RI	43	49	0	92	32	2,944	1	
NW2P	*RON	ME	0	1	0	1	1	1	0	
N2NT	ANDY	NJ	119	142	101	362	54	19,548	116	HI GUYS
W2RQ	KURT	NJ	86	129	91	306	49	14,994	11	HI GUYS
KR2AA	ERIC	NY	51	79	49	179	45	8,055	5	
N2NC	JOHN	NJ	86	58	0	144	45	6,480	1	GOOD GUYS
N2ZN	KEN	NY	58	65	0	123	38	4,674	1	
K2UA	KURT	NY	0	61	0	61	37	2,257	0	GOOD GUYS
NO3M	*TY	PA	97	143	96	336	52	17,472	164	CODE GUYS
K3LR	TIM	PA	109	101	104	314	54	16,956	2	CODE GUYS
N3QE	TIM	MD	100	120	101	321	52	16,692	28	PVRC North America
KE3X	KEN	DC	80	109	79	268	52	13,936	4	PVRC North America
K3UA	*KURT	PA	63	107	103	273	49	13,377	2	CODE GUYS
NC3Y	*TOM	MD	30	81	53	164	44	7,216	8	
N8NA	*KARL	DE	0	110	0	110	44	4,840	0	
N4ZR	PETE	MD	55	43	0	98	38	3,724	1	
K4RO	KIRK	TN	102	142	99	343	54	18,522	116	TN Sprinters
N2NL	DAVE	FL	136	129	77	342	54	18,468	2	Southeast Sprint Coalition #1
N4AF	AL	NC	109	133	88	330	55	18,150	138	PVRC North America
N4YDU	NATE	NC	103	114	88	305	51	15,555	2	
K7SV	*LAR	VA	80	126	84	290	53	15,370	18	The Zoomers
KØEJ	MARK	TN	92	122	76	290	51	14,790	44	TN Sprinters
K4BAI	JOHN	GA	95	117	89	301	49	14,749	2	Southeast Sprint Coalition #1
N1LN	BRUCE	NC	82	123	85	290	50	14,500	16	
KU8E	JEFF	GA	94	105	85	284	50	14,200	6	Southeast Sprint Coalition #2
W4WF	CHRIS	FL	95	113	73	281	49	13,769	4	Southeast Sprint Coalition #1
N4OX	JAY	FL	102	91	72	265	50	13,250	2	Southeast Sprint Coalition #2
W4NZ	TED	TN	80	106	76	262	50	13,100	14	TN Sprinters
K1GU	*NED	TN	73	102	78	253	48	12,144	2	TN Sprinters
K4FN	*DAN	KY	57	115	77	249	47	11,703	2	
WW4XX	*ALEX	GA	78	83	73	234	48	11,232	2	

NA4J	JIM	NC	51	104	71	226	49	11,074	7	PVRC Diodes
AA5JF	ANDY	GA	72	94	59	225	46	10,350	2	Southeast Sprint Coalition #3
AD4EB	JIM	TN	57	90	74	221	46	10,166	2	
WF7T	*BRAD	TN	54	99	58	211	47	9,917	7	
NK4O	*AJ	FL	77	82	47	206	48	9,888	3	Southeast Sprint Coalition #2
AA4GA	LEE	GA	47	100	57	204	48	9,792	4	Southeast Sprint Coalition #3
N4DW	*DAVE	TN	63	80	58	201	46	9,246	29	TN Sprinters
N4OO	*BRIAN	GA	65	85	47	197	45	8,865	39	Southeast Sprint Coalition #2
WO4O	RIC	FL	66	90	36	192	46	8,832	6	Southeast Sprint Coalition #1
KQ4R	ED	FL	57	86	35	178	44	7,832	6	
N4KH	JIM	AL	41	72	48	161	42	6,762	2	Southeast Sprint Coalition #3
K4QPL	JIM	NC	54	83	0	137	41	5,617	2	
KY4ID	*MIKE	SC	39	55	34	128	39	4,992	6	Southeast Sprint Coalition #3
N4NTO	*TRIPP	NC	19	39	36	94	38	3,572	6	PVRC Diodes
AC8Y	MIKE	VA	7	61	19	87	34	2,958	15	
KG3V	*TOM	VA	37	44	0	81	36	2,916	7	
W4ER	**JOHN	AL	28	56	0	84	32	2,688	1	
KB4CG	*JACK	VA	25	0	20	45	29	1,305	1	
N5TOO	VAN	GA	1	37	9	47	24	1,128	2	
K8LF	JAY	VA	0	35	2	37	21	777	1	
K5TR	GEO	TX	132	123	82	337	54	18,198	19	Texas Tornados
K5GN	KURT	TX	136	115	85	336	54	18,144	73	Texas Tornados
N3BB	JIM	TX	113	115	93	321	52	16,692	80	Texas Tornados
KZ5D	ART	LA	109	114	84	307	53	16,271	2	Deep Dixie CC Team Steamboat
N5RZ	KURT	TX	119	110	90	319	51	16,269	2	The Zoomers
N4OGW	TOR	MS	109	122	90	321	49	15,729	104	Southeast Sprint Coalition #1
K5PI	ROB	TX	108	128	78	314	49	15,386	141	
WQ5L	*RAY	MS	115	111	58	284	53	15,052	2	Southeast Sprint Coalition #2
N5OT	KURT	OK	101	107	93	301	49	14,749	2	Just OK
K5WA	BOB	TX	101	103	85	289	51	14,739	16	Texas Tornados
KG5U	*DALE	TX	57	97	66	220	47	10,340	5	Texas Tornados
N5EE	KEN	AR	34	94	0	128	45	5,760	1	Deep Dixie CC Team Steamboat
KØNM	NIZ	TX	45	66	24	135	40	5,400	2	
N9NM	*BARB	TX	43	42	13	98	36	3,528	4	Texas Lady
KA5M	MARSH	LA	21	23	0	44	26	1,144	1	
N5KO	TREY	CA	125	142	83	350	56	19,600	144	NCCC Team #1
N6MJ	DAN	CA	132	138	78	348	54	18,792	2	SCCC #1
N5ZO	MARK	CA	113	124	91	328	53	17,384	114	SCCC #1
N6TV	BOB	CA	116	133	79	328	53	17,384	56	NCCC Team #1

K6XX	BOB	CA	115	121	79	315	53	16,695	2	NCCC Team #1
N6AA	DICK	CA	113	117	66	296	50	14,800	2	SCCC #1
N6ZFO	*BILL	CA	90	105	86	281	49	13,769	2	NCCC Team #2
AJ6V	ED	CA	107	93	55	255	50	12,750	2	NCCC Team #1
NI6W	KURT	CA	92	102	70	264	47	12,408	6	SCCC #1
K6ZH	JIM	CA	82	115	53	250	49	12,250	4	SCCC #1
N6AN	**KURT	CA	56	75	5	136	44	5,984	4	SCCC #2
W6SX	HANK	CA	65	74	0	139	42	5,838	1	NCCC Team #2
KH6TU	ALAN	HI	92	49	1	142	37	5,254	7	NCCC Team #2
WQ6X	*RON	CA	40	59	5	104	40	4,160	2	SCCC #2
NE6I	KURT	CA	67	8	0	75	34	2,550	1	SCCC #2
WA6URY	DAN	CA	55	24	0	79	32	2,528	1	
WU6P	*NIAN	CA	31	51	0	82	27	2,214	1	
K6MM	JOHN	CA	63	0	0	63	31	1,953	0	NCCC Team #2
WH7T	MARK	HI	33	14	1	48	30	1,440	2	
KH6KB	*KEN	HI	30	23	0	53	25	1,325	1	
N6TTV	CJ	CA	38	0	0	38	24	912	0	NCCC Team #3
N9RV	PAT	MT	114	145	90	349	54	18,846	129	Big Sky Contesters
KM7W	KURT	MT	117	99	90	306	52	15,912	2	Big Sky Contesters
N7XU	DICK	OR	95	99	75	269	51	13,719	2	Oregon Wildfire
K7RL	MITCH	WA	105	89	67	261	51	13,311	58	Deep Dixie CC Team Steamboat
WJ9B	WILL	ID	76	107	66	249	47	11,703	42	PVRC North America
AA7V	STEVE	AZ	95	82	41	218	51	11,118	3	AOCC Rattlesnakes
WS7L	CARL	OR	89	93	37	219	48	10,512	6	Oregon Wildfire
W9CF	*KEVIN	AZ	74	92	40	206	47	9,682	6	AOCC Rattlesnakes
KI7Y	JIM	OR	65	103	45	213	45	9,585	2	Oregon Wildfire
K7SS	**DAN	WA	92	86	25	203	47	9,541	2	
N6TR	**TREE	OR	91	80	27	198	46	9,108	4	Oregon Wildfire
KY7M	LEE	AZ	77	63	51	191	45	8,595	2	AOCC Rattlesnakes
K2RD	IRA	NV	64	66	39	169	47	7,943	4	
KO7SS	BILL	AZ	0	97	57	154	46	7,084	1	
N7DX	*TONY	WA	71	69	17	157	43	6,751	4	
N7WA	*MIKE	WA	57	75	17	149	41	6,109	2	
W7OM	*ROD	WA	60	65	8	133	38	5,054	2	
AC7AF	*BRIAN	WY	39	35	18	92	33	3,036	2	
N7WY	*BOB	WY	0	83	0	83	36	2,988	0	
WC7S	**DALE	WY	12	42	19	73	30	2,190	5	GM Gold Miners
NG7M	MAX	UT	64	0	0	64	31	1,984	0	
KD7HU	*CHUCK	MT	29	41	0	70	27	1,890	1	Big Sky Contesters
N9NA	*JOHN	AZ	0	2	0	2	3	6	1	AOCC Rattlesnakes
K6EI	*JIM	WA	2	0	0	2	2	4	0	
K8MR	JIM	OH	96	106	100	302	50	15,100	2	GOOD GUYS
KW8N	BOB	OH	92	104	97	293	50	14,650	20	CODE GUYS
NA8V	GREG	MI	90	119	100	309	47	14,523	6	The Zoomers
W1NN	*HAL	OH	64	105	95	264	53	13,992	15	CODE GUYS
N8EA	*JOE	MI	75	93	86	254	51	12,954	6	
W8WTS	*JIM	OH	70	116	83	269	48	12,912	102	GOOD GUYS
K9NW	*MIKE	OH	3	121	0	124	44	5,456	4	GOOD GUYS

W8ZDT	KEVIN	MI	6	75	42	123	41	5,043	12	
NF8M	*FRANK	MI	23	28	20	71	32	2,272	2	
W9RE	MIKE	IN	98	135	100	333	52	17,316	128	The Zoomers
K9CT	CRAIG	IL	79	118	98	295	50	14,750	24	SMC Game Day Sprinters
K9BGL	KARL	IL	80	105	90	275	48	13,200	16	
K9OM	DICK	WI	87	84	77	248	52	12,896	4	SMC Game Day Sprinters
KW9A	DAVE	IL	80	108	44	232	52	12,064	3	Guan Waki
WI9WI	JIM	WI	76	77	73	226	48	10,848	2	SMC Game Day Sprinters
N9LQ	JOEL	IL	68	82	59	209	46	9,614	2	SMC Game Day Sprinters
AA9RK	*MIKE	WI	0	48	0	48	25	1,200	0	
AJ9C	MIKE	IN	0	21	1	22	15	330	1	Guan Waki
KC9EE	GARY	IL	11	3	0	14	9	126	1	Guan Waki
NØNI	MARK	IA	97	127	90	314	52	16,328	22	SMC Game Day Sprinters
KØEU	*KEN	CO	97	121	80	298	52	15,496	62	GM Gold Miners
NAØN	*STEVE	MN	100	113	74	287	53	15,211	82	
NØAX	KURT	MO	101	116	98	315	46	14,490	38	Guan Waki
KØRF	CHUCK	CO	83	111	78	272	52	14,144	72	GM Gold Miners
ABØS	TIM	KS	93	117	76	286	47	13,442	2	Deep Dixie CC Team Steamboat
KØAD	*AL	MN	74	103	73	250	50	12,500	18	
KØVBU	BILL	KS	68	101	45	214	45	9,630	2	
NØTA	JOHN	CO	71	95	45	211	45	9,495	2	Deep Dixie CC Team Steamboat
NØAC	*BILL	IA	58	94	57	209	45	9,405	97	
WØETT	KEN	CO	62	97	19	178	47	8,366	5	GM Silver Miners
WØBH	BOB	KS	59	62	47	168	43	7,224	4	
KØUK	*BILL	CO	60	51	34	145	39	5,655	19	GM Gold Miners
KØTG	*JOHN	MN	26	48	45	119	39	4,641	2	
N9HDE	*SCOTT	IA	0	72	26	98	33	3,234	1	
K7BG	*MATT	SD	1	36	40	77	31	2,387	4	
WØZA	*GREG	NE	24	33	11	68	32	2,176	9	GM Gold Miners
ACØW	*BILL	MN	0	35	14	49	28	1,372	1	
KP2M	PHIL	KP2	111	118	65	294	48	14,112	4	PVRC North America
VE9AA	MIKE	NB	87	112	66	265	48	12,720	41	The Labradorian MCCers
VE3YT	VIC	ON	70	95	88	253	49	12,397	15	
VE3NE	LALI	ON	46	89	67	202	48	9,696	2	
VE5SF	*SAM	SK	67	82	16	165	45	7,425	7	
VO2AC	CHRIS	NFLB	57	47	15	119	35	4,165	2	The Labradorian MCCers
VE3WUE	*DENNIS	ON	25	8	0	33	20	660	1	
K9VV/KP2	*FUBAR	KP2	13	16	0	29	19	551	4	
XE2S	*MARC	XE	0	19	0	19	14	266	0	

VE3KTB	*PIERRE	ON	1	14	0	15	10	150	1	
VO1BQ	JOE	NFLB	11	0	0	11	10	110	0	

TEAM SCORES

Texas Tornados	
K5TR	18,198
K5GN	18,144
N3BB	16,692
K5WA	14,739
KG5U	10,340
	78,113
The Zoomers	
W9RE	17,316
N5RZ	16,269
K7SV	15,370
NA8V	14,523
W1WEF	13,700
	77,178
CODE GUYS	
NO3M	17,472
K3LR	16,956
KW8N	14,650
W1NN	13,992
K3UA	13,377
	76,447
SCCC #1	
N6MJ	18,792
N5ZO	17,384
N6AA	14,800
NI6W	12,408
K6ZH	12,250
	75,634

5. PVRC North America (N4AF, N3QE, KP2M, KE3X, WJ9B)	74,593
6. Southeast Sprint Coalition #1 (N2NL, N4OGW, K4BAI, W4WF, WO4O)	71,547
7. HI GUYS (N2NT, K5ZD, K1DG, W2RQ)	68,386
8. TN Sprinters (K4RO, KØEJ, W4NZ, K1GU, N4DW)	67,802
9. NCCC Team #1 (N5KO, N6TV, K6XX, AJ6V)	66,429
10. SMC Game Day Sprinters (NØNI, K9CT, K9OM, WI9WI, N9LQ)	64,436
11. Southeast Sprint Coalition #2 (WQ5L, KU8E, N4OX, NK4O, N4OO)	61,255
12. Deep Dixie CC Team Steamboat (KZ5D, ABØS, K7RL, NØTA, N5EE)	58,279

13. Oregon Wildfire (N7XU, WS7L, K17Y, N6TR)	42,924
14. GOOD GUYS (K8MR, W8WTS, N2NC, K9NW, K2UA)	42,205
15. GM Gold Miners (KØEU, KØRF, KØUK, WC7S, WØZA)	39,661
16. Big Sky Contesters (N9RV, KM7W, KD7HU)	36,648
17. Southeast Sprint Coalition #3 (AA5JF, AA4GA, N4KH, KY4ID)	31,896
18. AOCC Rattlesnakes (AA7V, W9CF, KY7M, N9NA)	29,401
19. Guan Waki (NØAX, KW9A, AJ9C, KC9EE)	27,010
20. NCCC Team #2 (N6ZFO, W6SX, KH6TU, K6MM)	26,814
21. The Labradorian MCCers (VE9AA, VO2AC)	16,885
22. Just OK (N5OT)	14,749
23. PVRC Diodes (NA4J, N4NTO)	14,646
24. SCCC #2 (N6AN, WQ6X, NE6I)	12,694
25. GM Silver Miners (WØETT)	8,366
26. Texas Lady (N9NM)	3,528