



Final Results: North American Sprint CW February, 2019

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(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.)

The February Sprint is in the books, with a resounding win by N2IC from his New Mexico "Magic Mesa." Steve won over N5KO operating from the Silicon Valley hill-top station of Dave and Barb Leeson at W6NL and the usual closely packed group of usual suspects.

Participation was up, with 200 logs submitted and 284 calls in the data base. This compares with 160 logs in February of 2018 and an average of 165 logs from 2014-18 for the winter contest. Several things hopefully contributed to the additional interest, including a direct email campaign to previous participants and NAQP CW operators and an article in *QST*.

Perhaps the most important incentive of all was an active effort to pull together teams with a small five-operator limit. While a few teams focus on great scores, most are in it for the fun and comradery. This really pays off. Check the team list at the end of this report for some innovative names. At this point, I'd say the Society for Midwest Contesters (SMC) is the "cool name" club for sure. Are there any neat-name challengers for September?

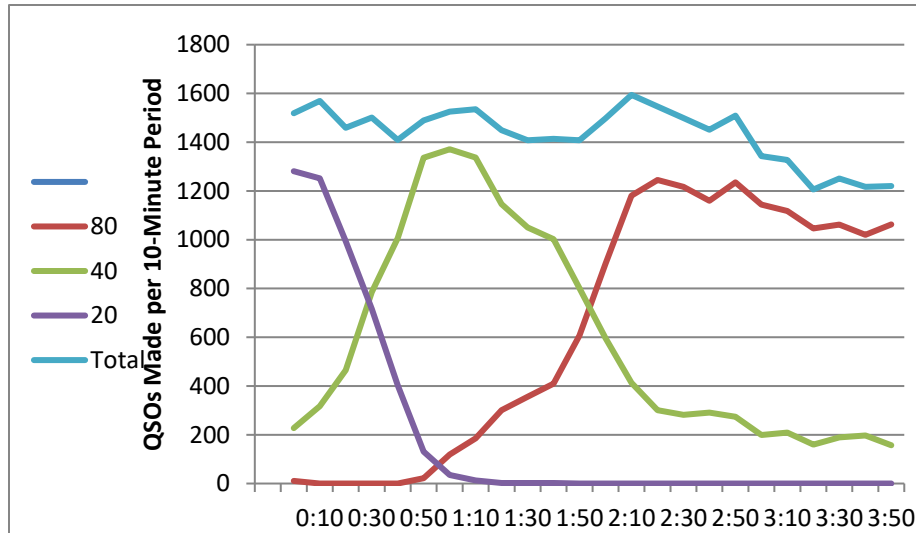
A review of the final results for the last decade (2009-2018) show that average winning scores are 17,740 for February compared with 16,260 for September, almost 10% higher. In the past five years, the winter Sprint has averaged 18,069, compared with 15,377 for September, about an 18% increase as 40 and 80 meters grow in importance, especially as we have gone deeper toward the minimum.

Chris, W4WF, who operated from the N4WW station, was so impressed that he used Lex's name ... "fewer dits," according to Chris, er Lex!" (Photo courtesy of Chris Plumblee, W4WF)



Band-By-Band Activity

Activity in this round was characterized by a very short opening on 20 meters as shown by the graph in Figure 2: the number of QSOs on each band by ten-minute segments. Twenty meters was productive for



only 20 minutes! East Coast stations had at most 20 or 30 contacts: most reported fewer than 5 QSOs before heading to 40 meters.

Forty meters went long early, but came back with more normal conditions for those who checked it late. Forty was the primary band for 90 minutes, but at its peak

for only 30 before some operators started peeling off to 80 meters. Note the long “tail” on 40 meters: those QSOs were SO1R operators going back to check the band and the continuous SO2R operators who were able to listen and to CQ on 40 for the entire duration.

Contacts on 40 meters during the final 90 minutes were key for many since quite a few new stations got on with low numbers the last part of the Sprint and handed out some goodies. Check these comments from 3830: “Two radios paid off later with some good mults calling in on 40.” (N6TR) “I went back to 40 for about 25 minutes. The rate wasn’t great ... but it netted several multipliers making it well worth the effort.” (W4EF)

Eighty meters became the dominant band for QSOs at 02:00, with a full two hours to go! At some point, many (including your scribe) complained that they simply ran out of new stations to work. Yet Ward, NØAX comments that he “finished up on 80 with a couple of good ones – WY and DE and IA in the closing minutes.” That’s the way to close it out!

Geographical Advantage?

Over the past decade the twenty winning operators have been predominately in the western US:

- Pacific Time Zone: 11 with N5KO/6 (8), N6TV (1), and N6TR/7 (2)
- Mountain Time Zone: 8 with N2IC/5 (6) and N9RV/7 (2)
- Central Time Zone: 0
- Eastern Time Zone: 1 with NO3M (1)



Clearly, the West Coast rules, at least for this ten-year period. Yet overall, with fifteen N5TJ wins prior to that — once with eleven in a row (!) — the Midwest did have its day. Does it now take a super-op to win from the Central Time Zone, or have propagation conditions and/or participation changed? The top three overall winners are N5TJ followed by N6TR (12) and N2IC (10). “And the beat goes on” as Sonny and Cher philosophized.

Tim, N3QE in his basement hideaway. (Photo courtesy Tim Shoppa, N3QE)

First Time Sprinters and a few Returnees

Several operators commented with their claimed scores on 3830scores.com that this was their first Sprint, and everyone seemed to enjoy it:

NA1LZ (NX9G) wrote that “It took me some time to get the exchange right, but all in all, for a first time Sprint, I think I did ok.”

WT9U is not a first timer, but says “(It’s) been a long time since my last Sprint.” Please come again and often!

NSØR says “First time I’ve done this contest. Had fun. Thanks for the Qs.”



*A serious K8MR. Apparently Jim just lost a “jump ball.”
But he did crack the LP Top-Ten!
(Photo courtesy Jim Stahl, K8MR)*

N9LQ is “still learning the format. Thanks for your patience!”

WØZA commented that “First time doing this contest, and I really need lots of practice to keep up ...” Check out the weekly NS mini-sprint sponsored by the NCCC on Thursday nights. It’s a gas and a quickie way to keep those “moves” polished.

KH6CJJ opined, “My first ever CW Sprint ... quite a learning experience. (Note, thanks for my only HI-your scribe)

K7RL states that “Last CW Sprint was in 2008.” Welcome back!

N2RC writes “This was my first time operating in a Sprint. It was frustrating and I enjoyed it! I’m looking forward to the next one.”



NX6T (KI6RRN) also comments that “First time in the Sprint.” Please come back for sure!

VE7KW took some time off from the BCQP and said “First Sprint.”

K6JS likewise commented “This is my first Sprint and it’s an interesting format. I’m just getting started with SO2R and this is a very challenging contest for SO2R.” Practice in the Thursday NS events and you will master it for sure!

Art, KZ5D, at his well-equipped SO2R setup in southern Louisiana. (Photo courtesy Art Suberbille, KZ5D)

Leader Summaries

Top Ten Scores							
Call Sign	Score	Band Changes	QSOs Lost	00Z	01Z	02Z	03Z
N2IC	18,156	126	4	113	76	94	73
N5KO	17,052	116	6	108	87	84	69
N6TV	16,752	89	3	104	96	88	61
N6TR	16,464	56	1	101	86	83	66
K6XX	16,072	10	5	97	89	80	62
N3BB	16,072	154	4	116	85	78	49
N6MJ	15,792	4	2	92	94	55	88
K4RO	15,450	135	2	91	82	76	60
N2NT	15,435	146	2	81	94	78	62
W6YX	15,275	87	1	90	92	81	62

Top Ten High Power - Max 12 Band Changes							
Call Sign	Score	Band Changes	QSOs Lost	00Z	01Z	02Z	03Z
K6XX	16,072	10	5	97	89	80	62
N6MJ	15,792	4	2	92	94	55	88
N5RZ	14,784	2	0	76	89	77	66
N6AA	14,352	2	4	80	89	61	69
N6RO	14,006	10	7	91	75	74	58
K1KI	13,824	7	0	86	82	60	60
N6RT	13,824	4	2	75	87	73	53
K9CT	13,720	7	7	83	62	81	54
K6NA	13,630	4	7	82	73	68	67
W6SX	13,536	4	2	87	75	69	51

Top Ten Low Power							
Call Sign	Score	Band Changes	QSOs Lost	00Z	01Z	02Z	03Z
KØEU	12,690	52	7	78	64	71	57
W4OC	12,005	103	0	70	72	58	45
K7SV	11,176	6	5	61	54	84	55
WQ5L	10,622	7	0	55	46	70	55
K3UA	10,396	2	5	43	45	77	61
W8WTS	9,810	84	6	54	61	57	46
K1GU	9,196	2	2	43	53	49	64
KG5HVO	9,159	7	4	59	56	57	41
WØETT	8,442	6	12	53	52	47	49
K8MR	8,004	10	4	43	39	61	31

Top Ten Low Power - Max 12 Band Changes							
Call Sign	Score	Band Changes	QSOs Lost	00Z	01Z	02Z	03Z
K7SV	11,176	6	5	61	54	84	55
WQ5L	10,622	7	0	55	46	70	55
K3UA	10,396	2	5	43	45	77	61
K1GU	9,196	2	2	43	53	49	64
KG5HVO	9,159	7	4	59	56	57	41
WØETT	8,442	6	12	53	52	47	49
K8MR	8,004	10	4	43	39	61	31
WW4XX	7,740	6	4	43	36	59	34
KG5U	7,722	9	6	38	55	62	43
N8AA	7,611	5	3	28	48	52	49

Top Ten QRP (Top Nine)							
Call Sign	Score	Band Changes	QSOs Lost	00Z	01Z	02Z	03Z
KE3X	9,614	5	12	44	34	68	63
N8NA	5,320	11	4	9	36	54	41
NN7SS	4,070	5	8	26	41	24	19
K8CN	3,478	22	13	24	31	21	18
W4ER	1,653	1	1	1	13	19	24
WC7S	1,166	2	17	12	4	19	18
KØGUZ	364	1	14	8	9	7	4
K1SX	240	0	1	1	3	20	0
N7RCS	180	0	3	4	5	6	0

Gator, N5RZ, in action at his own station, which is under construction now in Central Texas near Fredericksburg. The Gator checked in with a Golden Log along with the top number of perfectly logged contacts at 308! Nice going to all the Golden Loggers. (Photo courtesy Ralph Bowen, N5RZ)



Top Ten QSO Totals	
Call Sign	QSOs
N2IC	356
N6TV	349
N5KO	348
N6TR	336
N6MJ	329
K6XX	328
N3BB	328
W6YX	325
N2NT	315
N5ZO	310

Top Ten Multipliers	
Call Sign	QSOs
N2IC	51
KØRF	50
K4RO	50
KU8E	50
KZ5D	50
NO3M	50
AA3B	49
AA7V	49
K6XX	49
K9CT	49
<i>(Five more with the same number)</i>	
N2NT	49
N3BB	49
N4AF	49
N5KO	49
N6TR	49

Golden Logs (over 100 contacts)	
Call Sign	QSOs
N5RZ	308
K1KI	288
K9BGL	262
W4OC	245
N8EA	242
WQ5L	226
KØJPL	115
K2UA	102

Top Ten Number of Band Changes	
Call Sign	QSOs
N3BB	154
KZ5D	146
N2NT	146
AA3B	144
N4AF	144
K4RO	135
N4OGW	132
N2IC	126
NX6T	123
NO3M	122

Line Scores

Call	Name	QTH	20	40	80	QSO	Mults	Score	Band Chgs	Team
K1KI	TOM	CT	36	111	141	288	48	13,824	7	
K5ZD	RANDY	MA	23	116	122	261	47	12,267	48	NCC/MRRC RED
K1DG	DOUG	NH	2	122	127	251	48	12,048	6	
W1UJ	JAY	MA	3	99	124	226	47	10,622	33	
K8CN	**MIKE	NH	1	52	41	94	37	3,478	22	
K1AR	JOHN	NH	0	0	59	59	29	1,711	0	
K1RM	*VIN	CT	0	38	11	49	20	980	1	
K1SX	**DAVE	MA	0	24	0	24	10	240	0	
W1MJ	*ELIOT	MA	0	0	18	18	12	216	0	
N2NT	ANDY	NJ	37	137	141	315	49	15,435	146	FRC Domestic
W2RQ	BILL	NJ	18	85	153	256	46	11,776	6	NCC/MRRC PURPLE
N2NC	JOHN	NJ	21	104	121	246	45	11,070	4	FRC Domestic
NS2N	PAUL	NY	13	50	89	152	39	5,928	2	NCC/MRRC BLUE
NW2K	DEAN	NY	0	0	87	87	36	3,132	0	NCC/MRRC PURPLE
K2UA	RUS	NY	15	86	1	102	29	2,958	2	NCC/MRRC WHITE
W2FU	JEFF	NY	2	2	42	46	26	1,196	2	NCC/MRRC ORANGE
N2ZN	KEN	NY	11	39	0	50	20	1,000	1	
NO3M	TY	PA	39	120	135	294	50	14,700	122	NCC/MRRC RED
AA3B	BUD	PA	34	131	128	293	49	14,357	144	FRC Domestic
N3QE	TIM	MD	45	110	120	275	48	13,200	42	PVRC Stargate
K3LR	TIM	PA	47	85	142	274	48	13,152	2	NCC/MRRC RED
W2GD	JOHN	PA	30	91	129	250	46	11,500	2	NCC/MRRC ORANGE
K3TN	JOHN	MD	29	87	126	242	45	10,890	6	PVRC Atlantis
K3UA	*PHIL	PA	31	45	150	226	46	10,396	2	NCC/MRRC WHITE
W3KB	*KEITH	PA	25	62	71	158	41	6,478	2	
N4ZR	PETE	MD	17	37	92	146	40	5,840	2	PVRC Atlantis
N8NA	**KARL	DE	2	36	102	140	38	5,320	11	
NS3T	*TED	MD	6	9	30	45	27	1,215	15	PVRC Pegasus
W3IUU	*LLOYD	MD	0	8	27	35	22	770	2	
WA3AAN	GRANT	PA	0	0	18	18	14	252	0	
N3AM	JOHN	MD	14	5	2	21	9	189	3	
NX3Z	*JIM	MD	0	14	0	14	8	112	0	
K4RO	KIRK	TN	39	124	146	309	50	15,450	135	TCG-25
N4AF	AL	NC	45	129	133	307	49	15,043	144	PVRC Stargate
K4BAI	JOHN	GA	44	82	132	258	48	12,384	2	SECC#1
N1LN	BRUCE	NC	59	87	122	268	45	12,060	30	PVRC Stargate
W4OC	*DON	SC	33	102	110	245	49	12,005	103	SECC#1
W4NZ	TED	TN	24	94	130	248	48	11,904	22	TCG-25
N4OX	JAY	FL	45	93	109	247	48	11,856	2	SECC#1
KU8E	JEFF	GA	22	93	122	237	50	11,850	9	SECC#1
K7SV	*LAR	VA	51	72	131	254	44	11,176	6	PVRC Stargate
KØEJ	MARK	TN	30	94	107	231	45	10,395	6	TCG-25
KT3Y	PHIL	VA	34	69	116	219	45	9,855	2	PVRC Atlantis
KE3X	**KEN	VA	37	56	116	209	46	9,614	5	PVRC Atlantis
K4ZW	KEN	VA	37	46	137	220	43	9,460	8	
K1GU	*NED	TN	25	83	101	209	44	9,196	2	TCG-25
KG5HVO	*BRYANT	AL	26	69	118	213	43	9,159	7	SECC#2
N4DW	DAVE	TN	0	64	129	193	47	9,071	19	

K8MR	*JIM	FL	22	66	86	174	46	8,004	10	NCC/MRRC WHITE
W4WF	LEX	FL	21	69	92	182	43	7,826	14	SECC#2
K3IE	HUNTER	TN	12	62	107	181	43	7,783	20	TCG-25
WW4XX	*ALEX	GA	5	71	96	172	45	7,740	6	SECC#2
N4IQ	BILL	SC	11	66	101	178	43	7,654	13	SECC#2
N4OO	*BRIAN	GA	15	77	89	181	42	7,602	18	SECC#3
K4FN	DAN	KY	6	51	99	156	41	6,396	3	SECC#3
KG3V	TOM	VA	9	60	73	142	42	5,964	6	PVRC Atlantis
N4CW	BERT	NC	18	70	61	149	40	5,960	2	
N5TOO	*VAN	GA	0	52	75	127	41	5,207	5	
N4CF	MIKE	VA	1	45	84	130	39	5,070	7	PVRC Pegasus
K4OAQ	*FRITZ	VA	2	40	80	122	40	4,880	6	
NA4J	JIM	NC	0	32	79	111	38	4,218	1	
N4YDU	NATE	GA	0	44	32	76	35	2,660	1	
K4NMR	*TOM	FL	8	35	25	68	34	2,312	3	
W4ER	**JOHN	AL	0	33	24	57	29	1,653	1	SECC#3
WN4AFP	*DAVE	SC	0	38	13	51	27	1,377	5	SECC#3
K4GMH	MIKE	VA	0	18	28	46	26	1,196	1	
N4ETC	*EDEN	NC	1	8	25	34	21	714	6	SECC#3
N7RCS	**JIM	FL	0	15	0	15	12	180	0	
N2IC	STEVE	NM	53	167	136	356	51	18,156	126	NCC/MRRC RED
N3BB	JIM	TX	60	135	133	328	49	16,072	154	W5 Land Go-fers
N5RZ	GATOR	TX	64	112	132	308	48	14,784	2	W5 Land Go-fers
N4OGW	TOR	MS	47	114	145	306	48	14,688	132	SECC#1
K25D	ART	LA	33	144	115	292	50	14,600	146	W5 Land Go-fers
K5TR	GEO	TX	58	123	124	305	44	13,420	4	W5 Land Go-fers
WQ5L	*RAY	MS	8	109	109	226	47	10,622	7	W5 Land Lo-Fers
KG5U	*DALE	TX	26	61	111	198	39	7,722	9	TDXS
K5CI	*LEO	TX	22	72	92	186	40	7,440	16	
K8LS	LARRY	TX	21	71	81	173	43	7,439	6	W5 Land Go-fers
K5GN	*DAVE	TX	50	83	37	170	41	6,970	3	TDXS
N5DO	*DAVE	TX	29	80	61	170	38	6,460	10	W5 Land Lo-Fers
KØNM	NIZ	TX	32	41	69	142	39	5,538	2	TDXS
N5UM	AL	OK	17	31	55	103	35	3,605	4	
N9NM	*BARB	TX	9	27	17	53	24	1,272	2	W5 Land Lo-Fers
KB5RF	*TOM	TX	3	20	3	26	16	416	5	W5 Land Lo-Fers
N5KO	TREY	CA	80	152	116	348	49	17,052	116	NCCC #1
N6TV	BOB	CA	60	164	125	349	48	16,752	89	NCCC #1
K6XX	BOB	CA	78	137	113	328	49	16,072	10	NCCC #1
N6MJ	DAN	CA	73	155	101	329	48	15,792	4	SCCC #1
W6YX	MIKE	CA	85	132	108	325	47	15,275	87	NCCC #1
N5ZO	MARKO	CA	52	146	112	310	48	14,880	88	SCCC #1
N6AA	DICK	CA	69	139	91	299	48	14,352	2	SCCC #1
N6RO	KEN	CA	54	127	117	298	47	14,006	10	NCCC #2
N6RT	DOUG	CA	55	113	120	288	48	13,824	4	SCCC #1
K6NA	GLEN	CA	58	133	99	290	47	13,630	4	SCCC #1
W6SX	HANK	CA	55	114	113	282	48	13,536	4	NCCC #3
K9YC	JIM	CA	54	118	114	286	47	13,442	2	NCCC #3
N6ZFO	BILL	CA	69	105	111	285	47	13,395	2	NCCC #1
NX6T	PAT	CA	40	142	103	285	46	13,110	123	SCCC #2
AE6Y	ANDY	CA	65	132	83	280	46	12,880	44	NCCC #2
K6LA	KEN	CA	55	122	97	274	45	12,330	19	SCCC #2
W4EF	MIKE	CA	38	116	95	249	48	11,952	6	SCCC #2
N3ZZ	TOM	CA	52	103	98	253	46	11,638	4	NCCC #2

K6ZH	JIM	CA	59	112	78	249	46	11,454	4	SCCC #2
K6DAJ	DAVE	CA	62	116	62	240	44	10,560	4	NCCC #2
K6AW	STEVE	CA	60	87	71	218	40	8,720	2	SCCC #2
KH6TU	ALAN	HI	77	96	27	200	42	8,400	4	NCCC #4
K6MM	JOHN	CA	47	61	64	172	39	6,708	2	NCCC #3
W6RGG	BOB	CA	35	73	42	150	42	6,300	2	NCCC #4
W6UE	*KIP	CA	38	85	0	123	38	4,674	1	
AJ6V	ED	CA	0	0	92	92	33	3,036	0	NCCC #4
NA6O	GARY	CA	30	62	0	92	31	2,852	1	NCCC #4
WA6URY	DAN	CA	25	49	13	87	31	2,697	2	
K6GHA	*DON	CA	19	38	16	73	31	2,263	2	NCCC #4
KH6CJJ	*KENT	HI	35	29	0	64	29	1,856	1	RM Silver Miners
W9KKN	BILL	CA	12	34	10	56	28	1,568	2	NCCC #3
K6JS	JIM	CA	20	29	4	53	21	1,113	17	NCCC #5
N6GD	*GREG	CA	8	35	0	43	22	946	1	NCCC #3
K6SRZ	ALAN	CA	11	0	0	11	9	99	0	NCCC #2
AI6V	*WYATT	CA	4	1	0	5	7	35	1	
WQ6X	*RON	CA	0	5	0	5	5	25	0	
N6TR	TREE	OR	67	152	117	336	49	16,464	56	Oregon 24567
K6LL	DAVE	AZ	67	131	89	287	47	13,489	2	Arizona Outlaws Aces
AA7V	STEVE	AZ	55	111	107	273	49	13,377	6	Arizona Outlaws Aces
K4XU	DICK	OR	46	109	111	266	45	11,970	4	Oregon 24567
K7RL	ED	WA	26	124	101	251	47	11,797	42	
WJ9B	WILL	ID	49	99	103	251	44	11,044	26	PVRC Stargate
KJ9C	MEL	MT	10	99	118	227	42	9,534	4	Team Montana
N9RV	PAT	MT	43	127	21	191	46	8,786	52	Team Montana
KL7SB	STEVE	AK	60	102	18	180	36	6,480	22	
K7SS	DAN	WA	38	116	0	154	41	6,314	1	
W9CF	*KEVIN	AZ	26	85	46	157	39	6,123	2	Arizona Outlaws Aces
KI7Y	JIM	OR	16	52	67	135	35	4,725	4	
W2VJN	GEO	OR	0	38	83	121	39	4,719	3	Oregon 24567
NN7SS	**BURT	WA	19	77	14	110	37	4,070	5	
K5ZM	*IAN	OR	13	42	44	99	32	3,168	4	Oregon 24567
N7VS	*STEVE	OR	7	29	32	68	26	1,768	2	Oregon 24567
W6OAT	RUSTY	WA	25	32	0	57	21	1,197	1	
WC7S	**DALE	WY	0	15	38	53	22	1,166	2	RM Silver Miners
AC7AF	*BRIAN	WY	1	39	0	40	20	800	1	
N9NA	JOHN	AZ	0	0	22	22	14	308	0	Arizona Outlaws Aces
KA6BIM	DAVE	OR	0	9	0	9	8	72	0	NCCC #5
N6KW	*CHAS	WA	6	1	0	7	4	28	1	
KQ7TJ	*TOM	NV	0	4	0	4	4	16	1	
KM6CQ	DAN	NV	0	2	0	2	2	4	0	
KW8N	BOB	OH	36	101	133	270	47	12,690	24	NCC/MRRC RED
N8EA	JOE	MI	24	72	146	242	47	11,374	4	NCC/MRRC PURPLE
NA8V	GREG	MI	21	88	132	241	47	11,327	56	NCC/MRRC BLUE
W8WTS	*JIM	OH	20	74	124	218	45	9,810	84	NCC/MRRC BLUE
W3YQ	TIM	WV	29	66	112	207	47	9,729	22	NCC/MRRC WHITE
W1NN	*HAL	OH	18	24	139	181	43	7,783	13	NCC/MRRC ORANGE
N8AA	*JOHN	OH	4	33	140	177	43	7,611	5	NCC/MRRC ORANGE
ND8L	RAY	OH	28	26	103	157	41	6,437	2	NCC/MRRC BLUE
N8BJQ	STEVE	OH	7	45	106	158	40	6,320	12	
AF8A	*GARY	OH	3	30	72	105	36	3,780	2	
K3JT	*TERRY	WV	0	0	77	77	35	2,695	0	
N8FYL	*JOHN	MI	0	18	59	77	33	2,541	1	NCC/MRRC PURPLE

N8BI	JACK	OH	0	7	9	16	11	176	2	NCC/MRRC PURPLE
K9CT	CRAIG	IL	49	96	135	280	49	13,720	7	SMC - Kernels
K9NW	MIKE	IN	23	98	148	269	48	12,912	8	NCC/MRRC WHITE
K9BGL	KARL	IL	41	98	123	262	47	12,314	12	SMC - Germinators
WT9U	JIM	IN	20	75	135	230	47	10,810	66	SMC - Shuckers
N9LQ	*JOEL	IL	16	45	92	153	40	6,120	10	SMC - Kernels
WI9WI	JIM	WI	21	44	91	156	38	5,928	2	SMC - Kernels
NN1N	*DAVE	IL	27	65	55	147	39	5,733	9	
W9PA	DAVE	IN	9	33	59	101	33	3,333	2	NCC/MRRC BLUE
WW9R	*PAT	WI	3	20	70	93	33	3,069	3	SMC - Shuckers
WE9V	CHAD	WI	0	15	54	69	33	2,277	1	SMC - Germinators
WT2P	CJ	IL	8	22	46	76	29	2,204	3	
AB9YC	*AJ	IL	0	17	20	37	18	666	1	SMC - Kernels
K9PG	*PAUL	IL	8	26	0	34	18	612	3	SMC - Germinators
NA1LZ	YAN	IL	0	8	7	15	14	210	3	
KØRF	CHUCK	CO	32	136	126	294	50	14,700	104	Gold Miners
KØEU	*KEN	CO	17	130	123	270	47	12,690	52	
NØAX	WARD	MO	57	106	111	274	45	12,330	34	SMC - Kernels
WDØT	TODD	SD	23	124	116	263	46	12,098	72	
WØETT	*KEN	CO	21	76	104	201	42	8,442	6	Gold Miners
NSØR	MORGAN	KS	0	61	112	173	42	7,266	1	
NØTA	JOHN	CO	0	69	103	172	41	7,052	2	Gold Miners
WØBH	BOB	KS	11	66	79	156	42	6,552	8	
WØCO	*BRAD	CO	4	65	86	155	40	6,200	4	
N7WY	*BOB	MO	14	59	66	139	40	5,560	2	
NØAC	*BILL	IA	14	49	91	154	36	5,544	8	
KØJPL	*PAUL	MO	17	0	98	115	41	4,715	1	SMC - Shuckers
ACØW	*BILL	MN	0	24	62	86	32	2,752	1	
KØAD	*AL	MN	15	30	30	75	27	2,025	6	
WØZA	*GREG	CO	1	60	0	61	26	1,586	1	RM Silver Miners
KEØEK	*DAVID	KS	0	9	48	57	25	1,425	1	
NØKQ	BILL	CO	1	25	19	45	25	1,125	3	RM Silver Miners
N9HDE	*SCOTT	IA	0	48	0	48	19	912	0	
KØGUZ	**STEVE	CO	3	25	0	28	13	364	1	RM Silver Miners
VE9AA	MIKE	NB	20	101	126	247	41	10,127	2	MCC Snow Sprinters
VE5MX	TODD	SK	1	94	117	212	42	8,904	28	
NP2X	ED	KP2	49	129	11	189	42	7,938	4	
VE7KW	KEITH	BC	2	78	83	163	40	6,520	2	
VA1MM	AL	NS	0	32	51	83	32	2,656	1	MCC Snow Sprinters
XE2S	*MARC	XE	0	75	0	75	33	2,475	0	
PY2ZEA	VILLE	PY	0	35	0	35	21	735	0	
VA6RCN	*KEVIN	AB	0	0	7	7	4	28	0	
VE3SST	*NEIL	ON	0	1	3	4	4	16	1	
YO8DOH	*FANE	YO	0	2	0	2	2	4	0	

TEAM SCORES

NCCC #1		
	N5KO	17,052
	N6TV	16,752
	K6XX	16,072
	W6YX	15,275
	N6ZFO	13,395
		78,546
SCCC #1		
	N6MJ	15,792
	N5ZO	14,880
	N6AA	14,352
	N6RT	13,824
	K6NA	13,630
		72,478
NCC/MRRC RED		
	N2IC	18,156
	NO3M	14,700
	K3LR	13,152
	KW8N	12,690
	K5ZD	12,267
		70,965
W5 Land Go-fers		
	N3BB	16,072
	N5RZ	14,784
	KZ5D	14,600
	K5TR	13,420
	K8LS	7,439
		66,315

5. SECC#1 (N4OGW, K4BAI, W4OC, N4OX, KU8E)	62,783
6. PVRC Stargate (N4AF, N3QE, N1LN, K7SV, WJ9B)	62,523
7. SCCC #2 (NX6T, K6LA, W4EF, K6ZH, K6AW)	57,566
8. TCG-25 (K4RO, W4NZ, KØEJ, K1GU, K3IE)	54,728
9. NCCC #2 (N6RO, AE6Y, N3ZZ, K6DAJ, K6SRZ)	49,183
10. NCC/MRRC WHITE (K9NW, K3UA, W3YQ, K8MR, K2UA)	43,999
11. PVRC Atlantis (K3TN, KT3Y, KE3X, KG3V, N4ZR)	42,163
12. FRC Domestic (N2NT, AA3B, N2NC)	40,862
13. SMC - Kernels (K9CT, NØAX, N9LQ, WI9WI, AB9YC)	38,764
14. Oregon 24567 (N6TR, K4XU, W2VJN, K5ZM, N7VS)	38,089
15. NCC/MRRC BLUE (NA8V, W8WTS, ND8L, NS2N, W9PA)	36,835
16. NCCC #3 (W6SX, K9YC, K6MM, W9KKN, N6GD)	36,200
17. Arizona Outlaws Aces (K6LL, AA7V, W9CF, N9NA)	33,297
18. SECC#2 (KG5HVO, W4WF, WW4XX, N4IQ)	32,379
19. Gold Miners (KØRF, WØETT, NØTA)	30,194
20. NCC/MRRC PURPLE (W2RQ, N8EA, NW2K, N8FYL, N8BI)	28,999
21. NCC/MRRC ORANGE (W2GD, W1NN, N8AA, W2FU)	28,090
22. NCCC #4 (KH6TU, W6RGG, AJ6V, NA6O, K6GHA)	22,851
23. TDXS (KG5U, K5GN, KØNM)	20,230
24. W5 Land Lo-Fers (WQ5L, N5DO, N9NM, KB5RF)	18,770
25. SMC - Shuckers (WT9U, KØJPL, WW9R)	18,594
26. Team Montana (KJ9C, N9RV)	18,320
27. SECC#3 (N4OO, K4FN, W4ER, WN4AFP, N4ETC)	17,742
28. SMC - Germinators (K9BGL, WE9V, K9PG)	15,203
29. MCC Snow Sprinters (VE9AA, VA1MM)	12,783
30. PVRC Pegasus (N4CF, NS3T)	6,285
31. RM Silver Miners (KH6CJJ, WØZA, WC7S, NØKQ, KØGUZ)	6,097
32. NCCC #5 (K6JS, KA6BIM)	1,185