

Results, September 1997 CW Sprint

By Mark Obermann AG9A
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K7Ratbert gave it his best try, but he will have to wait a few months before he gets another chance to grab the top spot in the September edition of the CW Sprint. This time, the man from Georgia, Bill,



Mark Obermann, AG9A

K4AAA came out on top. It was close with only 2 QSOs separating the scores from stations at opposite ends of the country! While Tree has been very successful at winning this contest, his victories have always come in February (5 total). K5GN and K5ZD also put in valiant efforts for first place ending up closely behind in third and fourth place respectively. Dave and Randy both out-QSO'd the top two, but trailed in the end by three multipliers. Trey, N5KO, returned to Texas and to a spot in the Top Ten. Jack, W1WEF overcame some initial station problems to grab seventh spot. Congratulations to all Top Tanners.

The high bands continued to improve, with 20m staying open quite late. The value of two radios, while important, is becoming less of an advantage. Compared to recent years, the number of band changes by the top scoring stations declined. Interestingly, a number of Caribbean multipliers showed up in Sprint logs as #1 QSOs, but didn't stay around to work others in the contest. If we could only get them interested enough to continue!

For the third straight time, Eric, NM5M placed highest among low power operators. The thought of Eric firing up the amp surely must have the top guns worried. Mark, AG9A, grabbed second place in his first low power attempt while K5NZ finished third with a nice effort from Texas. K1HT landed in fourth with Golden Log accuracy while Joe, N8EA moved up the low power top ten ladder with a fifth place finish. In what might be considered the most courageous (or craziest!) entry, Ron, KU7Y sprinted running 5W. He didn't realize that a QRP category didn't exist in Sprint, but managed to make 41 QSOs in 28 sections. The story doesn't end there. Ron is putting together a team of QRPers for the CW Sprint in February! While high power is the only official category in Sprint, low power entries in the past have been noted with asterisks. For the February Sprints, entrants running QRP will be noted with a double asterisk.

Only twelve teams registered this

time. Team TACO, led by K4AAA, took first place in the team competition. Last Sprint's winner, SCCC #1, finished third while NCCC finished second, up from sixth. Tennessee Contest Group moved up to the fourth position. The TCG is an example of a team of motivated Sprint

operators who have grown and improved their individual and team scores with every Sprint. I hope their enthusiasm rubs off on others. Let's shoot for twenty teams in February.

Congratulations to September's Golden Loggers K1HT, KX3V, WA3HAE,

Team Scores

TACO	NCCC	SCCC#1	TCG
K4AAA 15729	N6TV 13630	K6LL 13420	W4PA 11970
N2IC 13815	K6XX 11040	K6NA 12760	N4ZZ 11205
N6ZZ 13365	N7NG 10793	N6AA 12255	W9WI 10912
WB5B 11792	N6BT 10120	KC6CNV 11696	K0EJ 10824
NM5M 11592	N6A 9960	K6LA 11660	K4RO 10449
AD5Q 11438	N6RO 9960	AC6T 11088	W0MU 9389
W4MR 10764	N6NT 9225	N6VR 11070	WO4O 8484
W5FO 10363	N6N 9080	W6TKF 6765	K1KY 7644
K5OT 7913	N6PN 6650	W1HIJ 2130	80877
106771	W6CT 5776	92844	
	96234		

5. BARC (K7RAT,N5KO,K5KA,K9JF,N0AX,K6GV,AA5BT)	3205
6. DLCSW (AG9A,K9NW,K0RX,WI9WI,K9DX,WB0OLA,KJ9C)	52760
7. FRCD (N2NT,W2GD,AA3B,K3WW,N2NC)	49714
8. TDXS (K5GN,K5NZ,W5ASP,N5DU,K5DX)	45848
9. WWARC (WA3FET,WA3HAE,N3IXR,WA3SES,KX3V)	25013
10. SCCC#2 (W6UE,KC8GRT,W6MVW)	24046
11. FCG (K1TO,WC4E)	23312
12. SECC (K4BAI,K4OGG)	10446

Sprint and The TCG by Kirk Pickering K4RO

The Tennessee Contest Group has been fairly successful in recruiting team members for the North American Sprint and North American QSO Party contests. Several folks have asked what it is we are doing to round up so much participation.

We aren't doing anything "secret" to increase team participation. All we're doing is trying hard to emphasize how much fun contesting is. No one is "pressured" into making any particular score. Instead, folks are encouraged to get on the air and have a good time, then contribute whatever they scored to TCG.

We enjoy the feeling of competing as a team. Each of us receives the joy of contributing to a team effort, and that joy is contagious. In a nutshell — we're having fun, people notice this, and they want some fun too!

We use an Internet email reflector and WWW page to pass along information and to assemble teams. Special mention should go to Ric, WO4O who spends much time recruiting team members via the telephone and other means. Ric put the first ever TCG team together, and has worked hard to keep the ranks growing ever since.

We are successful recruiting team players because we're having fun. We're having fun because we're somewhat successful. Fun is contagious.

See you in the next Sprint!

RAW QSOS

TOP 10 SCORES

BAND	CHANGES	QSOS	LOST	00Z	01Z	02Z	03Z
K4AAA	15729	81	4	89	80	85	71
K7RAT	15631	62	1	88	83	73	76
K5GN	15456	62	3	100	73	86	80
K5ZD	15318	67	0	97	86	77	73
N5KO	14476	52	5	95	79	74	65
N2IC	13815	9	1	87	78	63	80
W1WEF	13635	2	6	87	77	68	77
N6TV	13630	10	3	81	78	64	70
K6LL	13420	10	2	92	72	69	74
N6ZZ	13365	7	3	95	67	64	74

K4BAI, K5OT, W6CT and W1NN. This is K4BAI's second Golden Log in a row. Way to go, John!

Many heeded the advice to not let the computer be responsible for correctly copying the other station's information on the second and third QSOs. The instances of multiple broken QSOs with the same station was down substantially. Remember that accuracy is the key to a better Sprint score. Just take a look at how few reductions the top stations had. The time saved logging a busted exchange is in the end time wasted, as the QSO will likely be removed. Please make sure that you are indeed working the station you think you are (both call signs are required as part of the exchange!) and confirm the QSO. The significant number of NIL (not-in-log) contacts in the log

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N6ZZ 13365	N7NG 10793	N6AA 12255	W9WI 10912
WB5B 11792	N6BT 10120	KC6CNV 11696	K0EJ 10824
NM5M 11592	N6A 9960	K6LA 11660	K4RO 10449
AD5Q 11438	N6RO 9960	AC6T 11088	W0MU 9389
W4MR 10764	N6NT 9225	N6VR 11070	WO4O 8484
W5FO 10363	N6N 9080	W6TKF 6765	K1KY 7644
K5OT 7913	N6PN 6650	W1HIJ 2130	80877
106771	W6CT 5776	92844	
	96234		
5. BARC (K7RAT, N5KO, K5KA, K9JF, N0AX, K6GV, AA5BT) 3205			
6. DLCSW (AG9A, K9NW, K0RX, W19WI, K9DX, WB0OLA, KJ9C) 52760			
7. FRCD (N2NT, W2GD, AA3B, K3WW, N2NC) 49714			
8. TDXS (K5GN, K5NZ, W5ASP, N5DU, K5DX) 45848			
9. WWARC (WA3FET, WA3HAE, N3IXR, WA3SES, KX3V) 25013			
10. SCCC#2 (W6UE, KC8GRT, W6MVW) 24046			
11. FCG (K1TO, WC4E) 23312			
12. SECC (K4BAI, K4OGG) 10446			

TOP 10 QSOSTOP 10 MULTS

K5GN 336	K4AAA 49
K5ZD 333	K7RAT 49
K4AAA 321	KT3Y 47
K7RAT 319	N5KO 47
K1KI 310	N6TV 47
N5KO 308	K9JF 47
N2IC 307	K5ZD, W4MR 46
K6LL 305	K5GN, K6XX 46
K5KA 304	N6BT, AG9A 46
W1WEF 303	

TOP 10 LOW POWER SCORES

NM5M 11592
AG9A 11086
K5NZ 9408
K1HT 9389
N8EA 9324
N0AX 8729
WO4O 8484
K0RX 8240
N8NA 8200
WQ5L 8000

GOLDEN LOGS

(No QSOs Removed)

CALL	QSOS
K5ZD	333
W1NN	250
K1HT	229
K4BAI	194
WA3HAE	185
W6CT	152
KX3V	10

Guest Ops

CALL	STATION	OP
K0EJ	AA4NU	K0EJ
WA3FET	WA3FET	KB3AFT
NV4X	K4PB	K4MA
W4MR	W4MR	AA4NC
K5KA	K5KA	N5RZ
N5KO	N3BB	N5KO
K6GV	AA6WJ	K6GV
N6A	AG6D	K6AW
N6N	NH7A	K2KW
W6UE	W6UE	W4EF/6
NG7M	W7CT	NG7M
KC8GRT	KC8GRT	N9AG
AG9A	K9ZO	AG9A
K9NW	W9UP	K9NW

analysis implies that this does not always happen. A few of these NILs may also be due to one of the stations inadvertently hitting the wrong button and deleting a contact. Please do not penalize the other station for your mistake. Not-in-log penalties result in a loss of 2 QSOs. Include a note in your summary sheet if you believe you deleted a contact by mistake.

A great big "Thank You" to W1WEF, K1KI and all others who took the time to convert their paper logs to electronic ones. Several paper entries received were actually generated by computer programs. Please remember to send a disk with your next entry. All logs received will be entered and completely analyzed and scored with logging accuracy software to provide Sprint operators with performance feedback. The completeness of the log checking also encourages the highest level of operating proficiency.

On another note, while operating proficiency plays a considerable role in Sprint success, the importance of a good station cannot be ignored. Sprint operators generally build and operate their own stations. However, several operators (including myself) sometimes guest operate from various stations for various reasons. As my own home station is very limited and non-competitive, I am grateful to station owners like N0NI, K4VX, WB9Z, K9ZO and K9EC who have opened their stations to me for contest use. For many contests, I operate under the station owner's call sign. However, for the Sprints, I generally use my own call. In this write-up, I have included a box indicating station owners where known. I would like to continue this box item in the future, so please indicate if you are operating from another station with your own call sign. It's a way to recognize the efforts of the station builder too.

Reminder: E-mail or call your contest friends and have them join your team in February. Encourage them to get on and see what the fun and challenge is all about. Organize your club to participate in inter and intra-team competition. The more activity we can generate in Sprint, the more exciting it will be. Finally, take a look at all of the Sprint entries with no team association. I am sure many of these operators would love to take part in the overall team competition. Contact them and make them part of your team!

VEs, where are you? On behalf of all CW Sprinters, I challenge you to become more active in the Sprints again! Several years ago, an organized team of all VEs got on and made the Sprint a great deal more fun. How about it, eh?

The next CW Sprint is scheduled for February 8, 1998 at 0000-0400Z. This is Saturday evening local time. The team competition should be outstanding. To those of you potential first-timers wondering whether to get involved in the exhilaration of Sprint, by all means, do! To get on a team, try contacting members on any of the teams listed in the results. I'm sure they would love to have you on their team. A note to the Contest Reflector should also get you in contact with team organizers. (If you are not familiar with the Contest Reflector, contact me via Email and I'll point you in the right direction...BV)

Please make a note of the following requests when submitting a log:

- All comments pertaining to log issues and problems MUST be stated in the summary sheet, not within the body of the log.
- Remember to state your power level.
- All e-mail entries should be sent to cwsprint@contesting.com only. Logs

sent to any other e-mail address risk not being processed.

Corrections from the February 1997 CW Sprint: K5NZ was inadvertently marked as high power. Mike's score would have placed him second among low power entries. AA7BG should be listed as holding the CW Sprint record for Montana (not KE7X).

Guidelines for Log Submissions

Please submit a log and summary sheet file with your entry. Any format created by the popular logging programs is acceptable. E-mail your logs to <cwsprint@contesting.com> or send me your disk with the required information. Clearly indicate your power level in the summary sheet. Any other comments pertaining to log issues or problems should be also included in the body of the summary sheet. Please do not leave comments in the body of the log itself. An acknowledgment message will be sent to all e-mail submitters. Those sending disks can provide a SASE or stamped QSL for confirmation. As in the past, feedback on log accuracy is available via e-mail (request to cwsprint@contesting.com) or SASE once the results have been published.

Soapbox

Not many responses to my CQ's. Thought being in a "rare" location was supposed to be worth 10-20 dB!—AA0CY. I get a bit better every time I do this contest. Progress sure can be slow sometimes, though. I wish it was 4 times per year.—K0RX. First serious effort from my alternate location with "outdoor" antennas. Spent all day working on the site / antennas, operator was not quite up to the task. This location has promise, now to work on the operator!—K1KY. Best showing in September ever (QSO-wise) but missed a few available states! Lost my head in the second hour.—K5GN. Thanks to Ken for the use of his fine station for this one. Northern Oklahoma propagation is much different than West Texas. This is still the best contest going!!!—N5RZ. Couldn't even drive 55 (/hr) this time. Thanks to Randy AA6WJ for the use of his station.—K6GV. 20 was real good, but activity played out before the band did. My segue to 40 was early and took time to get going. The segue to 80 was awful. I got beat out on almost every call. I worked every mult I heard, but didn't hear VE4, MT, ID, RI, ME, VT, or NM!—K6LA. Was it just me or did this Sprint go really well?—K6XX. 80 meters was tough with lots of QRN and weak signals. Almost missed Oregon!—K7RAT. Was sure rusty after a few years off - have I slowed down or has everyone else speeded up?—K7WA. Other commitments only allowed me an hour or so. QRN was terrible on 40, 80 was out of the question, but 20 sounded really nice. A sign of things to come?—KA8OKH. I haven't done a Sprint in over 10 years, and I did only one then. But it's just like riding a bicycle. I couldn't ride this sucker then and I can't now. Spent most of the time yelling ob-

A Perfect Weekend (Almost) by Mark Obermann AG9A

It all started with a cryptic e-mail message from Ralph Bellas, K9ZO. It said "Car show here this weekend. You are welcome to come down." The car show he was referring to was Carlisle Midwest premiering in Bloomington, IL this year. Ralph knows that I am a classic/muscle car fan and that the show was within walking distance of his house. He also knows how much I enjoy visiting with him and his family. I think he also knew that it was CW Sprint weekend. Though he often enters the Sprint, Ralph generously offered his station for the contest. To make me feel better about "stealing his ride", he mumbled something about it being a good chance to force him to do some repairs at his station. We did manage to fix a couple of rotor problems and I left Ralph with my TR LOGCFG.DAT file for the Sprint (I feel a little better now). I decided to try Sprint low power seriously for the first time to see what it was like from a good domestic station. Besides, adding amplifiers seemed like more trouble than it was worth. The contest started and things went fine on 20m. I noticed that as I started going down in bands, the number of times I got beat out increased significantly. I actually got used to calling four or five stations in a row without getting a contact. When it was over, I concluded that it may be a while before I do Sprint again without the amp. As usual though, I gained just a little more insight into the subtleties of this great contest. Half of my fun weekend was over. I tore down the station and headed for the comfortable new futon next to the shack. The next morning, Ralph, his two youngest sons and I headed to the car show. We saw a lot of really nice classic cars, a lot of parts (like a hamfest) and I walked away with an intake manifold that I had been looking for. After lunch, I bid the Bellas family "Thanks" and "Goodbye" and drove the 2 1/2 hours back home. Definitely a perfect weekend (except that I didn't quite win the Sprint!)

scenities at the computer.—K8GRT. An all afternoon party with lots of suds really hurt the contesting ability. But it was fun anyway!! Never did figure out what I was doing wrong with TR software. Sorry to all who had to put up with my mis-keyed mistakes.—KJ9C. This was my first Sprint. Didn't have the full 4 hours and was running QRP. Didn't notice that there isn't a QRP class! Oh well, at least I had fun!—KU7Y. I thought this was going to be a super night as WL7KY was the first QSO and the first hour really played. However, the 20-meter band dropped the baton during the handoff to 40-meters and there was a grim interlude. Thank goodness for 80 meters to pick up the slack and allow me to drag myself over the 200 QSO finish line.—N0AX. Twenty in great shape, but it was rough sledding on low bands; no problem with QRN, just couldn't raise QSOs—N4AF. What a strange Sprint! My highest QSO total ever, but no mults from MD, DE, NE, or LA. With them, I would have set a new WV State Record (the old one has stood since 1982, which tells you something about WV contesters, or the lack thereof!). As is, just (sic) a personal best, and a target for February. Thanks to all for the Qs, and apologies to N6N, whose call I just couldn't believe the first 3 or 4 times—I was convinced it had to be N6TE.—N4ZR. Operated at W7CT, Jim Lawrence's place, great fun! I will do it again for sure. Nice to hear everyone. 80 meters was really rough from UT. Low power too!—NG7M. First Sprint in many years. The CW test is always a humbling experience. Found myself spectating on a few occasions. Had to be one of my better CW Sprints. 80 was tough again. Need more receiving antennas.—W0MU. I was low power. Unfortunately, this was not by choice.—W6CT. Someday I'll learn to practice with the TR Simulator "BEFORE" the contest.—W9W! Thanks to Jim, WA3FET, for opening up his home and allowing me to use his home station for the sprint.—KB3AFT. Band conditions were great!

Personal best ever.—WA3HAE. For years I had a distinct call, now I have KB00 AND WB00LA to get confused with!!—WB00. Did I break 200 Qs with LP for my first time of 6 tries? Another personal best and FUN, too! One day, perhaps, I'll try this with HP. Many opportunities for Qs wasted when I got stomped by Big Guns. Must learn to get back into the groove quicker when that happens. Will try a few new tips, tricks and techniques next time with LP goal of 250 Qs and 45 Ms. TU for Qs!—W04O. Tnx to Bill, AA4NU, for letting me try out his NU station.—K0EJ. Congrats to the first-time participants! I hope you come to love the Sprint as much as I have in my five years.—K1HT. Good conditions. For me, this is still the most demanding contest in terms of having to pay serious attention to every second. There were a few times when I had 2-3 minute gaps between QSO's. I should have been making QSOs during those gaps. Instead, I was busy desperately S&Ping, or worrying about someone else's serial number, or otherwise drowning in some form of Contest Panic. Hats off to the 300 Club. Interesting calls included WL7KY, KP3L, N6A & N6N. Worked especially hard to make sure all info was absolutely correct before logging the QSO. I think this was the first Sprint where I did not work CT1BOH (usually my only EU Sprint QSO.) I really enjoy working all the great ops in the CW Sprint contest.—K4RO. I had illusions of possibly winning until things died on 80m. Just can't keep up with the guys in the middle of the country!—K5ZD. Lots of fun.—N4ZZ. As always, a lot of fun. Mults seemed difficult from down here on the Gulf Coast. Spent a lot of time looking for mults with little success.—W5ASP. Lost some time at the beginning - thought I blew the Alpha 78. Turns out I somehow hit the autotune button on the 950 which killed the output of the exciter - oops! There was no coax available for the 80 meter antenna, so I spent the last hour scouring 40 for

Team Key

BARC	Boring Amateur Radio Club
DLCSCW	Dead Lizards Can't Send CW
FCG	Florida Contest Group
FRCD	Frankfurt Radio Club "Domestic"
NCCC	Northern California Contest Club Team
TCG	Tennessee Contest Group
TACO	Texas Association of Contest Operators
TDXS	Texas DX Society
SCCC #1	Southern California Contest Club Team #1
SCCC #2	Southern California Contest Club Team #2
SECC	Southeastern Contest Club
WWARC	Weekend Warriors Amateur Radio Contesters
	Your Club Here in February!

Scores

Call	Name	QTH	20	40	80	QSO	Mul	Score	Team	Call	Name	QTH	20	40	80	QSO	Mul	Score	Team
K5ZD	Randy	MA	115	134	84	333	46	15318		N6TV	Bob	CA	113	118	59	290	47	13630	NCCC
W1WEF	Jack	CT	97	119	87	303	45	13635		K6NA	Glen	CA	122	103	65	290	44	12760	SCCC#1
K1KI	Tom	CT	107	113	90	310	43	13330		N6AA	Dick	CA	126	111	48	285	43	12255	SCCC#1
K1DG	Doug	NH	102	110	85	297	41	12177		KC6CNV	Dan	CA	107	113	52	272	43	11696	SCCC#1
W1NN	Hal	CT	97	95	58	250	42	10500		K6LA	Ken	CA	102	113	50	265	44	11660	SCCC#1
K1HT	* Dave	MA	100	91	38	229	41	9389		AC6T	Steve	CA	107	85	60	252	44	11088	SCCC#1
WR1P	Nate	MA	44	52	33	129	36	4644		N6VR	Ray	CA	113	101	32	246	45	11070	SCCC#1
										K6XX	Bob	CA	96	89	55	240	46	11040	NCCC
N2NT	Andy	NJ	115	109	76	300	44	13200	FRCD	N6BT	Tom	CA	110	63	47	220	46	10120	NCCC
W2GD	John	NJ	96	109	73	278	42	11676	FRCD	N6A	Steve	CA	96	95	58	249	40	9960	NCCC
N2NC	John	NJ	94	0	0	94	32	3008	FRCD	(K6AW, op)									
										N6RO	Ken	CA	109	76	64	249	40	9960	NCCC
AA3B	Bud	PA	102	100	73	275	42	11550	FRCD	N6NT	Bruce	CA	94	72	39	205	45	9225	NCCC
K3WW	Chas	PA	91	97	69	257	40	10280	FRCD	N6N	Ken	CA	97	87	43	227	40	9080	NCCC
WA3FET	Jim	PA	56	87	77	220	42	9240	WWARC	(K2KW, op)									
(KB3AFT, op)										W6UE	Mike	CA	97	107	0	204	42	8568	SCCC#2
N8NA	* Karl	DE	70	85	50	205	40	8200		(W4EF/6, op)									
WA3HAE	* Keith	PA	73	73	39	185	41	7585	WWARC	K6GV	Bo	CA	82	84	27	193	42	8106	BARC
N3IXR	* Bob	PA	49	57	52	158	36	5688	WWARC	W6MVW	Dick	CA	88	74	22	184	40	7360	SCCC#2
WA3SES	* Ed	PA	36	31	23	90	27	2430	WWARC	W6TKF	Dick	CA	67	67	31	165	41	6765	SCCC#1
KX3V	* John	PA	1	9	0	10	7	70	WWARC	N6PN	* Matt	CA	75	72	28	175	38	6650	NCCC
										W6CT	* Scott	CA	55	70	27	152	38	5776	NCCC
										N6NF	* Tom	CA	46	32	21	99	32	3168	
K4AAA	Bill	GA	103	124	94	321	49	15729	TACO	W1HIJ	* Bill	CA	40	31	0	71	30	2130	SCCC#1
(W4AN, op)																			
KT3Y	Phil	VA	100	89	77	266	47	12502		K7RAT	Bert	OR	137	111	71	319	49	15631	BARC
W4PA	Scott	TN	75	119	72	266	45	11970	TCG	(N6TR, op)									
K1TO	Dan	FL	98	116	58	272	43	11696	FCG	K6LL	Dave	AZ	124	125	56	305	44	13420	SCCC#1
WC4E	Jeff	FL	91	100	73	264	44	11616	FCG	N7NG	Wayne	WY	85	109	57	251	43	10793	NCCC
N4ZZ	Don	TN	83	98	68	249	45	11205	TCG	K9JF	Jim	WA	98	73	35	206	47	9682	BARC
W9WI	Doug	TN	70	97	81	248	44	10912	TCG	N0AX	* Ed	WA	100	69	34	203	43	8729	BARC
K0EJ	Mark	TN	62	102	82	246	44	10824	TCG	K7WA	* Jim	WA	73	70	1	144	42	6048	
W4MR	Will	NC	78	93	63	234	46	10764	TACO	NG7M	* Max	UT	61	62	21	144	36	5184	
(AA4NC, op)										N7WA	* Mike	WA	57	49	14	120	38	4560	
K4RO	Kirk	TN	71	91	81	243	43	10449	TCG	AA0CY	* Reno	NV	47	21	0	68	26	1768	
N4AF	Al	NC	86	90	72	248	42	10416		KU7Y	* Ron	NV	9	32	0	41	28	1148	
WO4O	* Ric	TN	50	93	59	202	42	8484	TCG	K6LRN	* Dick	WA	21	36	0	57	20	1140	
K4BAI	John	GA	43	73	78	194	41	7954	SECC	K7BG	Matt	MT	1	0	0	1	1	1	
N4CW	Bert	NC	73	81	53	207	37	7659											
K1KY	Tom	TN	61	86	49	196	39	7644	TCG	N4ZR	Pete	WV	76	99	75	250	41	10250	
K4IQJ	* Dick	AL	52	82	62	196	39	7644		N8EA	* Joe	MI	67	91	64	222	42	9324	
N4DU	* Jim	GA	53	61	46	160	36	5760		KC8GRT	Al	OH	43	75	80	198	41	8118	SCCC#2
W4AU	John	VA	49	61	35	145	35	5075		(N9AG, op)									
W4YDD	Paul	SC	32	70	35	137	37	5069		K8MR	Jim	OH	68	89	50	207	39	8073	
NV4X	Rtp	NC	43	54	27	124	35	4340		WA8WV	* Dave	WV	48	65	47	160	37	5920	
(K4MA, op)										K8KFJ	Gary	WV	20	77	29	126	37	4662	
K4OGG	Jay	GA	12	37	40	89	28	2492	SECC	AG9A	* Mark	IL	75	110	56	241	46	11086	DLCSCW
KA8OKH	* Rich	KY	20	7	0	27	15	405		K9NW	Mike	WI	103	136	0	239	45	10755	DLCSCW
										N4OGW	Tor	IL	77	105	90	272	38	10336	
K5GN	Dave	TX	138	107	91	336	46	15456	TDXS	K9BGL	Karl	IL	76	99	53	228	40	9120	
N5KO	Trey	TX	136	110	62	308	47	14476	BARC	W19WI	Jim	WI	77	81	52	210	38	7980	DLCSCW
N6ZZ	Phil	TX	113	104	80	297	45	13365	TACO	K9DX	John	IL	64	81	53	198	39	7722	DLCSCW
K5KA	Ken	OK	104	103	97	304	42	12768	BARC	K9OM	* Dick	IL	69	66	45	180	42	7560	
(N5RZ, op)										WB0OLA	* Jim	IN	33	80	0	113	34	3842	DLCSCW
WB5B	Bob	TX	89	106	73	268	44	11792	TACO	KJ9C	* Mel	IN	29	58	8	95	33	3135	DLCSCW
NM5M																			
* Eric	TX	102	99	75	276	421	1592	TACO		N2IC	Steve	CO	121	113	73	307	45	13815	TACO
AD5Q	Roy	TX	98	98	70	266	43	11438	TACO	WB0O	Bill	ND	98	105	63	266	44	11704	
W5FO	Lynn	TX	88	96	57	241	43	10363	TACO	KM0L	Steve	MO	75	109	54	238	42	9996	
K5NZ	* Mike	TX	90	71	63	224	42	9408	TDXS	W0MU	Mike	CO	89	91	49	229	41	9389	TCG
W5ASP	Joe	TX	88	80	52	220	42	9240	TDXS	K0RX	* Dave	IA	63	80	63	206	40	8240	DLCSCW
N5DU	Bob	TX	80	87	43	210	40	8400	TDXS	K0AD	Al	MN	69	79	53	201	39	7839	
WQ5L	* Ray	MS	74	72	54	200	40	8000		KB0O	* Pat	MN	71	90	40	201	38	7638	
K5OT	Larry	TX	75	61	57	193	41	7913	TACO	W0UY	* Tom	KS	43	46	7	96	32	3072	
AA5BT	Derek	TX	43	48	32	123	31	3813	BARC										
K5OY	* Steve	AR	36	37	19	92	37	3404		VE3FU	* Chris	VE	61	33	29	123	32	3936	
K5DX	Sharp	TX	36	30	22	88	38	3344	TDXS										
W3DYA	Norm	TX	50	30	11	91	32	2912											
W5NR	Art	TX	40	23	0	63	24	1512											

*indicates a low power entrant