

Results, February 1998

NCJ CW Sprint

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Those operating both Sprints this past February might have thought the contests were being held in different months, not consecutive weekends. The propagation during the phone weekend was extremely long, making it difficult for those in much of the country to work each other. By the time CW weekend rolled around, the bands were just about perfect (A=0, K=0) and the scores show it. Several section records were broken and the record for the number of logs achieving 300 or more QSOs was tied at 23. That's one in every six logs breaking 300 QSOs. All in all, this was one fast and furious contest.

K7RAT took top honors with a near-record 367 QSOs. Tree recorded 103 and 100 QSOs in his first two hours respectively and a 99 final hour on 80 meters. K5ZD, on the opposite coast, also turned in a maximum effort with 349 QSOs to take second place and set a new Massachusetts record. The rivalry between these two ops goes back many years. Chalk up another one for Tree. As is typical for the Top Ten operators, logs ranged from nearly perfect to perfect. Again, it is possible to make a large number of QSOs *and* do it accurately. With conditions as good as they were, many ops put aside a band-switching two-radio strategy to run hard on one band at a time. K7RAT made only four band changes. While most of the top ops are now using two radios and computers, there is still at least one Top-Tenner who uses one radio and logs by hand. That's Tom, K1KI, who finished in third place, just edging out N2IC. The rest of the Top Ten was filled out with many of the usual suspects including K6LL, K5GA, N6TV, K4AAA and K5GN. K1TO set a record from Florida on his way to a ninth place finish.

Other USA records broken include IA (N0NI), ND (WB0O), MS (WQ5L), MT (K7BG) and NV (K7BV). Some of these records dated back several years. The old Nevada record was set back in September 1987, and was held by W6OAT operating at WA7NIN. WQ5L and K7BG broke their state records while running low power! Canadian activity was up somewhat, with records being set by VE6EX and first-time Sprinter VE3EJ.

Jeff, N5TJ, ran low power this time and ran away from the rest of the low power pack. Jeff's score put him within striking distance of an overall Top Ten finish. K7BG and N0AX also put in nice efforts from out west. The rest of the Top Ten was filled out by ops from every corner of the country. Over one third of the logs received were low-power operations. Three-time consecutive low-power leader, Eric, NM5M, took a break from low power in February but may return sans amp in September.

Ron, KU7Y, remained true to his word and rounded up a group of QRPers for the Sprint. NC7W and KG5U both did very well generating over 140 QSOs apiece. Ron

says he'll be back with more QRP ops in September and encourages other QRP operators to get on. It certainly is a pleasure to hear new call signs in the Sprints. Anyone operating QRP ($\leq 5W$) has been marked with two asterisks in the score box.

In team competition, SCCC1, led by K6LL, edged out N6TV and the NCCC1 team to the north by just 5000 points. The Texas Association of Contest Operators (TACO) team came in third after a first place showing last September. SECC put together an excellent team on the way to accomplishing a fourth place finish, just edging out TCG and TDXS. A total of 20 teams registered in February, a significant contributing factor helping to boost QSO totals. Any registered team has a chance of achieving a top four score. The key is having a complete team and making sure that everyone on the team sends in a log. Can we hit 25 teams in September?

Several West Coast operators ran into weather-related problems caused by a certain well-known force of nature, causing precipitation static and power outages. A few great starts were thwarted because of this. Interestingly, a few ops up the coast reported an abnormally noise-free contest.

It was great to hear a few EU counterparts get on and give out some QSOs. Conditions were so good on 40 and 80 that Dave, G4BUO, made over 100 QSOs, none of them on 20 m! This is a record performance from England. Outstanding job, Dave.

Those showing perfect logging accuracy in February were K1HT, K3UA, K4BAI, N5RZ, KN5H, N6CW, K2MM and K7RAT. That makes three in a row for K4BAI and two in a row for K1HT. Congratulations. Everyone should strive toward achieving a Golden Log (no score reductions).

Now a comment on operating procedures. An unsettling trend has been observed over the past several Sprints. An increasing number of operators are QSYing early, prior to QSLing the exchange. The QSL serves two important functions: first, it allows the person you are

working to know that the QSO is indeed complete and gives him/her every reason to log it; second, it indicates to other ops waiting to drop in their calls that they may now do so without interrupting an ongoing QSO. The rhythm of the Sprint is so important that allowing the practice of "leaving early" to continue would have negative affects on the contest. Sprint operators have conventionally used a range of methods to QSL. Anything from a single dit or dit-dit to an "r," "Tu" or "QSL" will do the job. Just do it. From a scoring perspective, it only makes sense to QSL to avoid potential score reductions. Those operators who you work but don't QSL might opt to not log the QSO, taking a 1-QSO hit versus possibly losing 2 QSOs for a NIL (not-in-log). And of course, you may suffer a 2-QSO reduction because you are not in his log. Finally, also remember to send both call signs during the exchange as stated in the rules.

There is no time like the present to start organizing your team. As the number of operators available to work in the contest increases, the excitement and fun of operating increases and results in higher scores. Do your part in getting at least one new operator to participate in the Sprint. If you are reading this and are considering operating Sprint for the first time, please join in the fun. Once you get into the rhythm of the contest, you will be hooked.

The next CW Sprint is scheduled for September 6, 1998 at 00-04Z. This is Saturday evening local time. See you then.

Soapbox

My swan song from Nevada. See you from near Seattle, WA next time. —A40CY First ever Sprint here; still recovering from the shock. Thanks to all for making it fun. —A44S Found transatlantic conditions very good on LF so I thought I would see if I could get to 100 QSOs. When calling stations I was frequently beaten by other callers from the US, especially on 80 m. Total operating time was 2 hours 13 minutes. Great fun, I look forward to the day when we have enough entrants in the European Sprint to make it as fast and furious as

Guidelines for Log Submissions

Please submit a log and summary sheet file with your entry. Entries are due no later than 30 days after the contest. 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. 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.

Please remember the following when submitting your log:

- All log-related issues *must* be stated in the summary sheet. Comments included within the log will *not* be read.
- Clearly indicate your power level in the summary sheet. If you operated as a guest op from another station, please also include this information in the summary.
- An electronic log is the preferred method of entry. If you logged by paper, please convert the log to an electronic format. All logs are fully checked.
- All e-mail entries should be sent to cwsprint@contesting.com only.

the NA Sprint.—*G4BUO* Never have been a great Sprint fan but had my best LP effort ever in this one. As always, the ops are *the best!*—*K0EJ* Incremental improvement over last time. I felt lots better, and had a much better rate until about the last 45 minutes, when I slowed quite a bit. I think it was partly trying to squeeze an LP signal into the wall of guys on 80 CW, and the other part? Well... it couldn't be the operator?!? Anyway, this contest is an incredible challenge for me and I really love the workout. Thanks everybody.—*K0RX* My best QSO total (by 1), but not enough mulits to go with it, so I came up short of 10k. 20 and 40 were humming right along, but 80 was tougher.—*K1HT* One radio, paper logging, 3 band changes. With WWV numbers showing A=0 and K=0, conditions were FB.—*K1KI* Wow! What a contest! What a difference a week makes with good condx... (Or was it just the switch to a superior mode???) I started off slow and didn't find the groove until the latter part of the test. Participation was excellent and the ops excellent as usual.—*K1KY* My first Sprint in some years and it has changed. It took me a while to get in the rhythm. Then it became clear that a vertical won't cut it in this contest. Oh well...—*K2SX* Fun doing monoband!—*K3UA* Sprint is a contest like no other—enough said.—*K4QPL* I'd really like to do better in this contest. I'm stuck at the 60/hr mark and am not improving. Not sure exactly what it's going to take to do better. My best hour x4 still won't put me near the 300 Q zone. Still have a problem getting off to a good start. Have to learn how to hit the ground running somehow. Also have to learn to stay synched up with the flow. May try to record the next one. Didn't use the second radio at all. One is enough for me to handle in this contest. A great contest with great operators. A nice surprise was *G4BUO*, thanks for the 40-m Q Dave! Conditions were pretty good, except 20 produced nothing from the northeast. 80 and 40 were solid throughout. Another FB team effort by the Tennessee Contest Group capped a satisfying Sprint. Way to go TCG! CU in September.—*K4RO* I would like to see all participants begin using their call sign at the end of their exchange to denote that the QSO is complete and that they own the frequency. Too many are using their call signs at the end of the exchange whether the QSO is being initiated or ending. I personally key on the call sign being sent and tailend. I know that I caused QRM many times to ongoing QSOs which is unnecessary.—*K5GA* Wow. Great Sprint!—*K5GN* Wow—this was fun! A personal best for me outside of W5.—*K5ZD* Really had the rhythm from

the start but lost it in the last hour. Gotta do something about 80 meters. A personal best by far.—*K6LA* Great fun as usual, but we need improvement in two areas: Most are complying with the rule to sign both calls in the exchange, but a few ops (probably casual participants) do not. Please do. Secondly, there is a disturbing trend the past two years or so by more and more ops. That is the practice of leaving the frequency after

the QSO without sending dit-dit or roger to the station inheriting the frequency. This technically is not a completed QSO, and causes chaos on the frequency as the waiting stations dump their calls prematurely. The "inheriting" station may need a fill and cannot get it if the other guy has already left prematurely ("I got mine, I'm outa here!"). I want strong sanctions (big penalties) against the offenders to discourage it.—*K6NA*

Raw QSOs

Top 10	Scores	Band Changes	QSOs Lost	00Z	01Z	02Z	03Z
K7RAT	16882	4	0	103	100	65	99
K5ZD	16403	46	1	88	97	82	83
K1KI	15792	3	3	87	84	81	80
N2IC	15732	8	1	91	85	83	84
K6LL	15604	4	2	95	80	70	89
K5GA	15416	16	4	91	80	83	78
N6TV	15226	4	1	94	81	71	87
K4AAA	14899	96	4	78	82	80	81
K1TO	14812	25	1	94	79	79	71
K5GN	14784	66	9	98	82	87	78

Golden Logs

(No QSOs Removed)

Call	QSOs
K7RAT	367
N5RZ	319
K4BAI	304
K1HT	194
N6CW	190
K3UA	107
KN5H	80
K2MM	21

Guest Ops

Call	Station	Op	Call	Station	Op
N2RM	N2RM	N2NC	W6ISO	W6ISO	AE0M
W4WS	W4WS	N4VHK	W6RGG	N6BT	W6RGG
K5GN	W5KU	K5GN	WQ5L	N5FG	WQ5L
AC6T	W6RFU	AC6T	K8MM	W8JJ	K8MM
K6AW	AG6D	K6AW	N9RV	K9UWA	N9RV
N6ND	N6ND	AD6DO	W9IW	W9IW	AH7W
W6AQ	W6AQ	N5OT	N0NI	N0NI	AG9A
W6CT	AK6L	W6CT	W0HSC	W0HSC	KB00

Top 10

Scores	QSOs	Mults
K7RAT 16882	K7RAT 367	K1KI 48
K5ZD 16403	K5ZD 349	N5KO 48
K1KI 15792	N2IC 342	K5ZD 47
N2IC 15732	K5GN 336	K4AAA 47
K6LL 15604	K6LL 332	K5GA 47
K5GA 15416	N6TV 331	N5TJ 47
N6TV 15226	K1KI 329	N6ND 47
K4AAA 14899	K5GA 328	K6LL 47
K1TO 14812	K1TO 322	Several 46
K5GN 14784	K6NA 322	

Top 10 Low Power Scores

N5TJ 14429	K7BG 11739
N0AX 10750	K6ZH 9900
K0EJ 9847	K1HT 9440
K5NZ 9366	WQ5L 9200
N8EA 9156	K0RX 8640

Team Scores

SCCC1	NCCC1	TACO
K6LL 15604	N6TV 15226	N5TJ 14429
N6ND 14758	N5KO 14496	NM5M 13596
K6NA 14490	N6RO 13596	K5MR 13420
N6ZZ 13684	W6RGG 12150	WB5B 11046
K6LA 13464	VE7NTT 11886	K5RT 10793
N6AA 13185	N7NG 11480	AD5Q 10168
N6VR 12240	K2KW 11008	WO8CC 9576
AC6T 11520	N7TN 10665	K5OT 9225
W6MVW 8424	K6AW 10332	Total 92253
N6HC 8040	W6CT 9282	
Total 125409	Total 120121	

5. TCG (W4PA, K4AMC, N4ZZ, K4RO, K0EJ, K1KY, N4CW, WO4O, AA0CY)	83510
6. TDXS (K5GA, K5GN, W5ASP, K5NZ, N5DU, N5LZ, N5TU, KG5U, KN5H)	82263
7. YCCC (K5ZD, K1KI, W1WEF, K1HT, K2SX, W1ZT, N1RR)	75185
8. FRCD (N2RM, N2NT, W2GD, AA3B, K3WW, W2UP, N9GG)	72714
9. DLCSW (N0NI, K0RX, K9AA, K9MMS, WT9U, K9IG, K9KM, KJ9C)	56992
10. BARC (K7RAT, N5RZ, W0MU, K7NT)	47177
11. SCCC2 (K6ZH, N6ER, N6CW, W6TK, W6AQ, K6VNX)	42594
12. FCG (K1TO, WC4E, WD4AHZ)	32060
13. HH (N0AX, W0HSC, K17Y, N7WA, K7SS)	31231
14. NCC (N9RV, VE3EJ, K3UA, K3LR, ND8L)	31199
15. NCCC2 (K7BV, N6PN, W6ISO, K6CTA, W6OAT)	28946
16. BH 33 1/3 (W19WI, W9QA, WD9GGY, N9IJ)	15399
17. WWARC (WA3HAE)	7020
18. LPG (NC7W, N6GA, KJ3V)	6808
19. QRPW (KU7Y, W4WS, K1MG, NQ7X)	4277
20. MRRC (K8DD)	3627

Team Key

BH 33 1/3	Black Hole 33 1/3
BARC	Boring Amateur Radio Club
DLCSW	Dead Lizards Can't Send CW
FCG	Florida Contest Group
FRCD	Frankfurt Radio Club "Domestic"
HH	Hip Hoppers
LPG	Les Petits Guerillas
MRRC	Mad River Radio Club
NCC	North Coast Contesters
NCCC1	Northern California Contest Club Team #1
NCCC2	Northern California Contest Club Team #2
QRPW	QRP Warlords
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
YCCC	Yankee Clipper Contest Club

Scores

Call	Name	QTH	20	40	80	QSO	Mul	Score	Team	Call	Name	QTH	20	40	80	QSO	Mul	Score	Team
K5ZD	Randy	MA	97	143	109	349	47	16403	YCCC	W6CT	Scott	CA	80	86	55	221	42	9282	NCCC1
K1KI	Tom	CT	109	113	107	329	48	15792	YCCC	W6MVW	Dick	CA	80	83	53	216	39	8424	SCCC1
W1WEF	Jack	CT	83	103	100	286	46	13156	YCCC	N6ER	* Kevin	CA	82	73	64	219	37	8103	SCCC2
K1HT	* Dave	MA	66	124	46	236	40	9440	YCCC	N6HC	* Arnie	CA	74	78	49	201	40	8040	SCCC1
W1ZT	Geo	MA	49	83	42	174	39	6786	YCCC	N6CW	Terry	CA	70	98	22	190	39	7410	SCCC2
N1RR	Chas	MA	44	51	56	151	35	5285	YCCC	N6PN	* Matt	CA	60	82	45	187	38	7106	NCCC2
KF2T	* Geo	NH	8	45	22	75	33	2475		W6TK	Dick	CA	68	60	26	154	42	6468	SCCC2
W1KM	* Greg	MA	2	0	60	62	27	1674		W6AQ	Mark	CA	3	88	74	165	36	5940	SCCC2
										(N5OT)									
N2RM	John	NJ	96	119	106	321	44	14124	FRCD	K6VNX	Arlen	CA	53	57	19	129	37	4773	SCCC2
(N2NC)										W6ISO	Kit	CA	47	70	0	117	36	4212	NCCC2
N2NT	Andy	NJ	88	125	86	299	44	13156	FRCD	(AE0M)									
W2GD	John	NJ	78	112	102	292	45	13140	FRCD	K6CTA	Ed	CA	55	40	30	125	32	4000	NCCC2
K2SX	Dennis	NY	44	87	72	203	41	8323	YCCC	N6NF	* Tom	CA	67	42	0	109	35	3815	
										W1HIJ	* Bill	CA	50	44	0	94	33	3102	
AA3B	Bud	PA	83	91	84	258	42	10836	FRCD	N6GA	** Cam	CA	24	25	14	63	32	2016	LPG
K3WW	Chas	PA	67	93	96	256	42	10752	FRCD	W6OAT	* Rusty	CA	61	8	0	69	28	1932	NCCC2
W2UP	Barry	PA	79	94	104	277	38	10526	FRCD	K1MG	** Mike	CA	33	1	0	34	18	612	QRPW
WA3HAE	* Keith	PA	55	72	53	180	39	7020	WWARC	K2MM	* Zap	CA	21	0	0	21	12	252	
K3UA	Phil	PA	0	0	107	107	39	4173	NCC										
K3LR	Tim	PA	0	30	54	84	31	2604	NCC	K7RAT	Bert	OR	127	142	98	367	46	16882	BARC
N9GG	* Bob	DE	15	0	3	18	10	180	FRCD	(N6TR)									
										K6LL	Dave	AZ	112	131	89	332	47	15604	SCCC1
K4AAA	Bill	GA	89	114	114	317	47	14899	SECC	K7BG	* Matt	MT	79	105	89	273	43	11739	
(W4AN)										K7BV	Denny	NV	73	117	82	272	43	11696	NCCC2
K1TO	Dan	FL	104	118	100	322	46	14812	FCG	N7NG	Wayne	WY	69	112	99	280	41	11480	NCCC1
K4BAI	John	GA	93	99	112	304	43	13072	SECC	N0AX	* Snoop	WA	84	114	52	250	43	10750	HH
W4PA	Scott	TN	65	116	110	291	44	12804	TCG	K7NT	* Mike	OR	78	94	0	172	37	6364	BARC
WC4E	Jeff	FL	82	105	79	266	44	11704	FCG	K17Y	* Ice	OR	64	73	28	165	37	6105	HH
K4AMC	Jim	TN	43	122	89	254	43	10922	TCG	N7WA	* Cwcool	WA	46	75	41	162	32	5184	HH
AA4GA	Lee	GA	65	97	90	252	43	10836	SECC	NC7W	* Dave	UT	37	71	40	148	32	4736	LPG
K4NO	Greg	AL	84	87	80	251	43	10793	SECC	AA0CY	* Bob	NV	38	47	24	109	37	4033	TCG
N4ZZ	Don	TN	72	103	92	267	40	10680	TCG	KU7Y	** Ron	NV	30	36	14	80	31	2480	QRPW
K4RO	Kirk	TN	55	89	94	238	42	9996	TCG	K7SS	* Zoot	WA	22	21	17	60	23	1380	HH
K0EJ	* Mark	TN	52	99	78	229	43	9847	TCG	NQ7X	** Floyd	AZ	3	0	0	3	3	9	QRPW
K1KY	Tom	TN	60	92	78	230	41	9430	TCG										
N4CW	Bert	NC	50	92	67	209	42	8778	TCG	KW8N	Bob	OH	70	104	102	276	44	12144	
AA4S	Ron	NC	63	67	59	189	41	7749	SECC	N4ZR	Pete	WV	63	86	89	238	42	9996	
W04O	* Ric	TN	39	68	73	180	39	7020	TCG	W08CC	Scott	OH	51	74	103	228	42	9576	TACO
N4DU	* Jim	GA	44	61	55	160	38	6080	SECC	(N9AG)									
WD4AHZ	* Ron	FL	40	69	45	154	36	5544	FCG	N8EA	* Joe	MI	58	75	85	218	42	9156	
K4MX	* Jeri	VA	19	54	65	138	39	5382		K8MM	Ian	MI	40	82	68	190	44	8360	
K4QPL	Jim	NC	18	32	42	92	38	3496	SECC	W8BWV	Dave	WV	25	69	68	162	38	6156	
W4WS	** Henry	NC	13	23	13	49	24	1176	QRPW	KU8E	* Jeff	OH	0	53	86	139	35	4865	SECC
(N4VHK)										K8GW	* Ron	WV	5	51	59	115	33	3795	
KJ3V	** Lynn	AL	0	7	0	7	8	56	LPG	K8DD	Duck	MI	4	48	41	93	39	3627	MRRC
										K8KFJ	Gary	WV	6	63	27	96	32	3072	
K5GA	Bill	TX	96	124	108	328	47	15416	TDXS	ND8L	* Ray	OH	40	24	0	64	21	1344	NCC
K5GN	Dave	TX	123	119	94	336	44	14784	TDXS										
N5TJ	* Jeff	TX	82	120	105	307	47	14429	TACO	N9RV	Pat	IN	62	108	98	268	46	12328	NCC
N5RZ	Ralph	TX	101	112	106	319	45	14355	BARC	W9IW	Tony	IL	72	93	48	213	42	8946	
N6ZZ	Phil	TX	94	137	80	311	44	13684	SCCC1	(AH7W)									
NM5M	Eric	TX	99	119	91	309	44	13596	TACO	K9AA	Paul	IL	44	71	89	204	41	8364	DLCSCW
K5MR	Steve	TX	81	112	112	305	44	13420	TACO	(K9PG)									
WB5B	Bob	TX	60	114	89	263	42	11046	TACO	W9IW	Jim	WI	75	86	58	219	37	8103	BH 33 1/3
K5RT	Paul	TX	69	110	72	251	43	10793	TACO	K9MMS	* Gary	IL	54	87	55	196	39	7644	DLCSCW
AD5Q	Roy	TX	72	94	82	248	41	10168	TACO	WT9U	* Jim	IN	16	84	77	177	39	6903	DLCSCW
W5ASP	Joe	TX	66	100	60	226	42	9492	TDXS	W9QA	* Dave	IL	16	27	100	143	38	5434	BH 33 1/3
K5NZ	* Mike	TX	62	97	64	223	42	9366	TDXS	W9RE	Mike	IN	66	22	55	143	37	5291	
N5DU	Bob	TX	56	103	67	226	41	9266	TDXS	K9IG	* Liz	IN	33	48	39	120	34	4080	DLCSCW
K5OT	Larry	TX	67	89	69	225	41	9225	TACO	K9KM	Howie	IL	29	49	37	115	33	3795	DLCSCW
W05L	* Ray	MS	67	112	51	230	40	9200		KJ9C	* Mel	IN	10	52	38	100	28	2800	DLCSCW
N5LZ	Don	TX	65	99	55	219	41	8979	TDXS	WD9GGY	* Ziggy	IL	4	52	0	56	22	1232	BH 33 1/3
KB8N	* Paul	TX	51	86	76	213	39	8307		N9IJ	* Len	IL	12	18	0	30	21	630	BH 33 1/3
K5KA	* Ken	OK	58	73	74	205	39	7995											
N5TU	* Earl	TX	72	72	47	191	40	7640	TDXS	N2IC	Steve	CO	108	125	109	342	46	15732	SECC
KG5U	** Dale	TX	31	67	42	140	38	5320	TDXS	N0NI	Ed	IA	94	133	94	321	46	14766	DLCSCW
KN5H	* Hose	NM	27	53	0	80	25	2000	TDXS	(AG9A)									
W5NR	Art	TX	14	12	0	26	18	468		WB0O	Bill	ND	68	124	103	295	43	12685	
										W0MU	Mike	CO	62	96	70	228	42	9576	BARC
N6TV	Bob	CA	116	127	88	331	46	15226	NCCC1	KM0L	Steve	MO	47	86	78	211	45	9495	
N6ND	Dan	CA	93	131	90	314	47	14758	SCCC1	K0RX	* Dave	IA	47	84	85	216	40	8640	DLCSCW
(AD6DO)										W0HSC	* Pat	ND	49	96	72	217	36	7812	HH
N5KO	Trey	CA	111	106	85	302	48	14496	NCCC1	(KB0O)									
K6NA	Glen	CA	100	113	109	322	45	14490	SCCC1										
N6RO	Ken	CA	101	110	98	309	44	13596	NCCC1	VE7NTT	Gary	VE7	110	116	57	283	42	11886	NCCC1
K6LA	Ken	CA	106	117	83	306	44	13464	SCCC1	VE3EJ	John	VE3	68	93	89	250	43	10750	NCC
N6AA	Dick	CA	106	108	79	293	45	13185	SCCC1	VE6EX	* Dan	VE6	79	66	49	194	41	7954	
N6VR	Ray	CA	102	105	65	272	45	12240	SCCC1	VE5SF	* Sam	VE5	60	54	0	114	29	3306	
W6RGG	Bob	CA	93	105	72	270	45	12150	NCCC1	VE3ZT	* Paul	VE3	5	12	13	30	22	660	
AC6T	Steve	CA	108	93	55	256	45	11520	SCCC1										
K2KW	Ken	CA	96	73	87	256	43	11008	NCCC1	G4BUO	Dave	DX	0	60	41	101	29	2929	
N7TN	Rick	CA	107	104	26	237	45	10665	NCCC1	OH1NOA	* Tim	DX	0	2	0	2	3	6	
K6AW	Steve	CA	82	102	68	252	41	10332	NCCC1										
K6ZH	* Jim	CA	69	101	50	220	45	9900	SCCC2										

* Denotes 150 W or less was used

** Denotes 5 W or less was used