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Results, January 1999 NAQP CW Contest

Well, another FB contest has come and gone. Conditions were guite good with many stations breaking records and reporting personal best scores. The battle for the Top 10 was fierce with less than one QSO separating the winner, K5RC from second place K7RAT. I had to check, recheck and then recheck again to ensure that the scores were accurate. This was the closest finish I can recall in the five years that I've managed this contest. The entire Top 10 was tightly grouped as compared to the typical score spread. N2NC just barely edged out N6RO for third place as well. The award for highest Single Op Combined CW/ SSB Score goes to Dave, K6LL adding to his already sizable collection. The highest score submitted by a QRP station was K3WWP, and VE4VV posted the top score out of Canada again. Nice job, everyone.

The Multi-Two category had some surprises this time with Single-Op stalwarts, N5TJ and W4AN jumping categories. In the end N5TJ teamed with NM5M to win it with K7UP and W4AN close behind in second and third place respectively. A total of ten Multi-Two entries were received indicating this category continues to gain popularity. I may have to give it a shot myself in August! Team contesting is also going strong with 35 teams registered for the event. The winner this time was "Team Handkey" (yeah right!) with the Tennessee Contest Group and Florida Crackers close behind. The Tennessee Contest Group and the South East Contest Group were notable in their ability to submit 11 teams! The result was a flurry of activity out of 4-Land and

Team Scores Florida Crackers #1 Team Handkey 200,772 K7RAT (N6TR) 250,318 K1TO N2NC 244.062 K4OJ 153.450 W1KM 125,334 N4BP 145,470 N5RZ 118,932 N4TO 133,590 N6ZZ 88,312 WC4E 126,000 Total 826,958 Total 759,282 TCG #1 TCG #2 K4WX 188,600 K0EJ 181,973 W4PA 182,596 K1AO 144.746 K4RO 153,224 K4LTA 138,112 K1KY 137,550 WO40 127,500 W9WI <u>128,896</u> N4IR 112,117 Total 790,866 Total 704,448

33. Tennessee Contest Group QRS #2 (N4KN, W4TDB)

Top Score Breakdowns

Call	Score	QSOs	Mults	160M	80M	40M	20M	15M	10M
Single Op Breakdowns									
K5RC	250498	998	251	49/23	109/36	264/49	220/53	165/45	191/45
K7RAT (N6TR)	250318	974	257	41/15	111/39	212/50	207/53	233/50	170/50
N2NC	244062	894	273	68/32	179/49	211/54	241/51	122/50	73/37
N6RO	242064	984	246	60/28	68/34	223/48	239/47	236/48	158/41
K6LL	236844	918	258	20/14	62/35	193/49	241/55	200/53	202/52
КЗММ	224280	840	267	93/34	136/38	241/50	161/50	121/48	88/47
K0RF	221496	839	264	94/44	132/49	189/52	166/45	163/43	95/31
K1TO	200772	858	234	0/0	160/38	240/51	237/55	156/50	65/40
K5OT	195294	807	242	67/30	161/45	199/53	215/48	116/44	49/22
K4WX	188600	820	230	64/30	189/37	208/49	206/52	105/39	48/23
Multi-Two Breakdowns									
N5TJ (+NM5M)	482142	1502	321	142/43	235/50	357/59	347/58	279/58	142/53
K7UP` (+AA5B, KN5H)	418111	1427	293	89/34	216/49	346/54	359/57	264/52	153/47
W4AN (+K4BAI)	413595	1365	303	141/41	278/53	342/56	321/55	163/53	120/45

nobody should have missed those states for multipliers. Keep up the good work guys.

A total of 277 entries were receivedalthough the log checking database indicates approximately 900 stations were somewhat active in the contest. Nearly half of the entries were from either 4 or 5-land. A total of 118,000 QSOs were logged by these entrants for an average of 426 QSOs per operator. Tennessee operators were the most prolific submitting 26 logs. There were also a number of "claimed scores" posted for folks who never bothered to submit a log. Some of those were decent scores indicating a fair amount of effort was put into the contest. Please remember to submit your logs. Your team members need your score. Error rates among top operators were good as expected and ranged between 0.5% and 3%. Many errors seem to stem from the use of callsign databases and also violations of the 10-minute rule for Multi-Two's. If you would like to know what QSOs were removed from your log and why, send me an e-mail. That's the wrap-up for this contest. Hope to CU in August for the last NAQP of the millenium!

CW Soapbox

The 150 W limit gives little pistols a chance to run like the big guns, and run I did on 80 meters. Adding radials to my multi-band vertical made all the difference in the world for me on 80... - AF8A. I apologize for my miserable little 160-meter signal. There are 11 guys out there with great ears!—K0SR. After 4 power outages during the afternoon and having guests for dinner, I didn't have much time left. I pieced together a little over an hour of fun toward the end of the contest.-K1HT. Lots of QRN on low bands, but it's nice that 10 meters is back.—K4OGG. It's amazing what a difference there is between 5 and 25 W. I had some really nice CQ runs and rates. Fun!-KG5U. Conditions did not seem to be very good. Late in the contest, 80 CW was full of Russian stations in a different contest. thereby creating some confusion on the band. All in all, a good contest!-K5KG. OK, so sending the name SPEED probably wasn't a good idea. Most ops caught on after the first QSO, but I think it caused more trouble than fun. This was also my very first exposure to two radio contesting. It was really neat. Once I get a handle on it, I think it'll be even more fun.-K5ZM. January NAQP CW, the most fun contest of all!-K6LL. NAQP continues to grow every year as it becomes more and more popular. We sure picked the wrong time to try to set a new record, hats off to N5TJ crew. Special thanks to AA5B and KN5H for making very long drives for a 12-hour contest-K7UP. Just fooling around in this one...had a hard time sitting at a desk when I've got a desk job during the week... the lazy boy chair pulled me away a couple of times. Nice to see that 10 and 15 meters was productive. Met my goal of 225 Qs and 80 mults, so I was happy with that. Nice to know all the stuff still works after the boatload of snow we got last weekend, hi. Catch ya in the CW Sprint!—K9GY. This was a cool contest. I actually exceeded the goals I set for myself! I never imagined running 53 an hour on 80,

Top 5 Single Operator Combined Scores								
Call	CW Points	SSB Points	Total Points					
K6LL	473	500	973					
N6RO	483	450	933					
K5RC	500	366	866					
K4WX	377	384	761					
W8MJ	353	332	685					

nevertheless working more than 20 people on 80. Just in December, I could hardly work a guy in Indiana on 80 and I was just amazed at how well I did on 80. Look forward to the phone contest and also to this contest in 2000!—K9YO. My first serious effort from the new home station. No 160 antenna.-KA9FOX. My first NAQP, I had fun. Thanks!-KE0FT. Amazing activity. Beat my old NJ record from the contest when single operators were allowed to operate the entire 12 hour period.-N2NC. First time in NAQP, enjoyed it I think. Have a lot to learn and see that two radios is the way to go in this 'test. Now I have to learn how to use two radios. Not sure this guy isn't too old to learn new tricks.—*N4TO*. Everything that could go wrong during this test, went wrong, not the least of which was my stabbing myself in the foot about 10 minutes before the contest start while stripping coax with my knife.—*N5RP*. Great contest!—*N5TJ*. First NAQP. Tough going since I max out at about 20-25 WPM and these guys are all FAST! Loved it. Hope to be back in August.—*N6EE*. No shortage of Cheeseheads this time around—was only asked to QSY for the mult once or twice. Swapping in a new motherboard fixed my random CW lockups and bizarre speed changes. Any errors this time were just my sloppy fist! Real nice to hit enter and have the computer start sending without a 0.5 sec delay. My major tactical error in the last NAQP was neglecting 10 and 15. This time I tried to concentrate on those bands but couldn't seem to get much going. Would have been better off to move down before I did. I took my two hours during 40-meter prime time (family dinner, etc) which may also have been an error. Tried to catch up on 80 after 0100Z and had a couple of good hours there. Seemed like a whole lot of people are running two radios these days. As soon as I learn to work the one I've got I may try that. I didn't try to move any mults—but I probably should have. Great to work so many SMCers!-N9FH. Sorry to all of you who wondered what happened to me at times. Upgraded my computer and created a monster! Should have left my old 386/25 alone!-WA3HAE. My first time in NAQP. The SECC made me do it!-W4DD. Always fun-thanks for the Qs.-W6TK. Not having an antenna for 160 cost me a chance to beat my all-time best score. I found out a week later I could short out the windom and load it with an external tuner on "top" band. Live and learn-WA3SES. "Carlos" Murphy was on overtime for this Mexico mini-expedition. The antenna rotator failed but luckily it stuck NE. Antenna SWR had the rig down to 35 W at times. I drove 30 miles to XE2MX's QTH to borrow a tuner.-XE2L. Another fun filled contest! Biggest dumb thing of the year was when I was on 20 meters I started aetting some line noise. I switched to 40 meters to see if the noise was as high there-it was. I went back to 20 meters. Oops, I forgot to switch antennas back! I worked about 30 stations on 20 using my 160-meter doublet with very high SWR!!! That is a good reason for me to install automatic antenna switching!!! Second biggest dumb thing of the year was when I worked W4AN on 40 meters. He asked me to move to 35070 or something like that. I thought "we don't have a frequency at 35 MHz"! I asked Bill to say again, then panic set in and I just tuned away! God, I felt like a rookie! Sorry Bill-it won't happen again. I'll at least say no thanks next time!-WA8YRS.

The W9XT										
CONTEST CARD Save your voice! The Contest Card is a combination voice keyer and CW interface that plugs into your PC. The Contest Card has been upgraded to 60 seconds of audio for the same price! Works with NA, TRLOG & CT 60 seconds audio, 4 messages Plugs into 8 bit ISA PC slot Uses no PC IRQs Featured in the ARRL Handbook Only \$149.95, (Kit \$109.95) Cable kit \$44.95	 XT-4 CW KEYER New! The XT-4 is the ideal CW memory keyer for Field Day, DXpeditions, VHF rovers, mobile county hunting, QRP, as well as in the shack! Small size! 2.5" X 1.1" X 4.25" 9V battery powered (not included) Four 100 CW character memories 8-45 WPM with knob speed adj. Fully lambic Tune and paddle reverse functions Only \$79.95, Cable set \$9.95 K9LU Bull Dog mini-paddle \$19.95 									
& Canada. \$20 shipping PO Bo overseas. Send check or Slinger	icrosystems x 133-N WI 53086 44-9036 Unified Microsystems									

Single Operator Scores											
Call	QSOs	Mults	Score	Section	Team	Call	QSOs	Mults	Score	Section	Team
K1VUT	649	206	133,694	MA	. eum	K4EA	420	167	70,140	GA	SECC #1
W1KM	594	211	125,334	MA	ТН	WA4TT	341	174	59,334	GA	SECC #2
WA1LNP	629	198	124,542	NH		AA2GS	399	139	55,461	KY	KCG
AA1SU	447	149	66,603	VT		N4RG	374	140	52,360	TN	
W1FJ	368	127	46,736	MA		N4DW	310	149	46,190	TN	
KZ1M	111	79	8,769	MA		K4AMC	334	119	39,746	TN	TCG #3
K5ZD	100	56	5,600	MA		K4FU	262	148	38,776	KY	KCG
K1HT	85	51	4,335	MA		N1CC	292	121	35,332	SC	SECC
NaNO	004	070				Bedsprings	010	100	00 700	~	0500 #0
N2NC	894	273	244,062	NJ	TH TDXS Gold	WA4ILO NT4D	310 275	109 122	33,790 33,550	GA NC	SECC #3 PVRC
K5KG W5KI	629 403	205 159	128,945 64,077	NJ NJ	TDX5 Gold	Tarheels	275	122	33,550	NC	FVNC
K2UA	228	113	25,764	NY		N4ROA	273	117	31,941	VA	
KG2BI	220	104	23,920	NY		K4HA	246	119	29,274	NC	PVRC
W2HCA	175	92	16,100	NJ		Tarheels	210	110	20,271	110	1 1110
W2KTF	130	82	10,660	NY		AJ4Y	252	108	27,216	FL	
WZ2T *	130	70	9,100	NY		K4TW	245	108	26,460	GA	SECC
W2EZ	100	49	4,900	NY		Bedsprings					
WB2ART	33	26	858	NY		N4GN	225	104	23,400	KY	
WA2VQV	22	14	308	NJ		KN4Y	231	99	22,869	FL	
						K4BAM	205	107	21,935	VA	
КЗММ	840	267	224,280	MD	Team PVRC	AA4LR	217	98	21,266	GA	SECC
AA3B	730	210	153,300	PA	WW	Bedsprings	005	100		-	TOO 000 #4
N3IXR	549	174	95,526	PA	WW	NY4T	205	103	21,115	TN	TCG QRS #1
WA3HAE	515	176	90,640	PA	WW	N4KN	212 177	83 88	17,596	TN	TCG QRS #2
K3WU WA3SES	531 478	149	79,119	PA	TCG Interstate WW	K4NA W4TYU	176	00 88	15,576 15,488	AL TN	SECC #3 TCG
N8NA	366	153 164	73,134 60,024	PA DE	VVVV	Interstate	170	00	15,466	IIN	100
NY3M	300	145	50,895	MD		W4AUI	135	78	10,530	TN	
WF3M	356	132	46,992	PA		KE4OAR	130	74	9,620	TN	TCG QRS #1
K3WWP *	242	96	23,232	PA		K4BEV	122	66	8,052	TN	TCG QRS #1
N3RM	200	98	19,600	PA		AC4ZD	114	60	6,840	TN	TCG QRS #1
W3CP	179	98	17,542	MD		W4DD	103	62	6,386	GA	SECC #3
K3SV	208	81	16,848	PA		N4TL	100	57	5,700	NC	
NA3V	164	86	14,104	PA		W1WEF	128	44	5,632	FL	
W3LJ	93	60	5,580	MD		K4GEL *	143	38	5,434	VA	
K3VAR	105	48	5,040	PA		KF4GNV	61	42	2,562	TN	TCG QRS #3
W3MWY *	84	28	2,352	MD		AC4UU	81	29	2,349	TN	TCG QRS #3
N9GG *	56	31	1,736	DE	TCG Interstate	W4TDB	58	35	2,030	TN	TCG QRS #2
W3KM	31	22	682	PA		W4OGG WB4HUX	40 21	29 16	1,160 336	TN AL	
K3JHT	7	5	35	PA		KU4LL	21 15	10	336 150		TCG QRS #3
K1TO	858	234	200,772	FL	FC #1	KD3GC	7	6	42	GA	SECC
K4WX	820	230	188,600	TN	TCG #1	Bedsprings		Ŭ		Girt	0200
W4PA	764	239	182,596	TN	TCG #1						
K0EJ	781	233	181,973	TN	TCG #2	K5OT	807	242	195,294	ТХ	TU
K4FXN	701	236	165,436	KY	KCG	K5TQ	831	215	178,665	NM	
N4AF	706	233	164,498	NC	PVRC Tarheels	N5NU	739	218	161,102	ТХ	
K4OJ	682	225	153,450	FL	FC #1	NA5B (W5A		212	152,640	OK	
K4RO	716	214	153,224	TN	TCG #1	W5ER	702	215	150,930	ТΧ	TU
W4OC	690	221	152,490	SC	SECC #1	KM5G	669	215	143,835	AR	ACG
N4BP	746	195	145,470	FL	FC #1	N5DX	601	237	142,437	AR	ACG
K1AO	686	211	144,746	KY	TCG #2	N5UL	655	214	140,170	NM	
K4AB	683 664	205	140,015		SECC #2	K5NA W5ASP	639 664	215 204	137,385 135,456	тх тх	TDXS Gold TDXS Gold
K4LTA K1KY	664 655	208 210	138,112 137,550	TN TN	TCG #2 TCG #1	W5ASP W5XX	599	204 215	128,785	MS	TM
N4TO	610	210	133,590	FL	FC #1	WOUO	701	173	121,273	TX	1 101
W9WI	608	212	128,896	TN	TCG #1	KG5U	602	200	120,400	TX	TDXS #1
WO4O	625	204	127,500	TN	TCG #2	N5RZ	583	204	118,932	тх	TH
WC4E	630	200	126,000	FL	FC #1	K5PN	608	187	113,696	ТХ	TU
K4IQJ	570	214	121,980	AL	SECC #2	N5RP (K2M	RZ)606	186	112,716	ТХ	TDXS #1
N4DD	611	197	120,367	TN	TCG #3	AD5Q	658	166	109,228	ТХ	TD
AA4GA	607	196	118,972	GA	SECC #1	K5WO	522	172	89,784	ТΧ	TD
K4OGG	625	190	118,750	GA	SECC #1	N6ZZ	532	166	88,312	NM	TH
N4IR	587	191	112,117	TN	TCG #2	K5OY	517	154	79,618	AR	ACG
N4CW	612	182	111,384	NC	Team PVRC	WA5JWU	448	171	76,608	LA	100
	569	188	106,972	TN	TCG #3	K5LG	446	161	71,806	AR TY	ACG
W4AU K9AY	547	178	97,366	VA	SECC #1	N5DU N5NJ	501 455	141 153	70,641 69,615	TX TX	TDXS #1 TU
K9AY K4NO	504 450	180 195	90,720 87,750	GA AL	SECC #1 SECC #2	K5DX	455 391	153	66,861	TX	TDXS #1
N4YO	450 529	195	85,698	AL	SECC #2 SECC #2	N5LZ	370	146	54,020	TX	TDXS #1 TDXS #2
K4LQ	424	194	82,256	FL		W5YM (AC5		145	52,055	AR	ACG
WJ9B	454	163	74,002	NC	PVRC Tarheels	K5KA	302	157	47,414	OK	
K4QPL	480	154	73,920	NC	PVRC Tarheels	W5XD	289	150	43,350	ТХ	
K2UFT	426	168	71,568	GA	SECC #3	KJ5WX	267	118	31,506	AR	

Call QSOs	Mults	Score	Section	Team	Call	QSOs	Mults	Score	Section	Team
K4NR 243	121	29,403	TX	roum	WT9U	550	167	91,850	IN	SMC #2
KB5IXI 225	113	25,425	MS	ТМ	N9JF	403	187	75,361	IL	SMC #3
NO5W * 194	83	16,102	TX	1 101	K9MMS	447	159	71,073	IL	SMC #2
AA5WE 175	86	15,050	TX		KI9A	418	165	68,970	IL	SMC #3
KC5TVI 143	99	14,157	MS	ТМ	KISA	433	139	60,187	WI	
W5NR 130	80	10,400	TX	I IVI	K9PG	433	139	53,600	IL	
N5KB 83	61		TX		K9FG K9YO	355	129	45,795		SMC #3
		5,063							IL	SIVIC #3
W5FBO 113	41	4,633	OK		N9CK	310	135	41,850	WI	
AA6VO 76	53	4,028	TX		KE9I	303	132	39,996	IN	
W3DYA 73	55	4,015	TX		K9WX	253	103	26,059	IN	
N5AF 61	34	2,074	TX		WE9V	236	109	25,724	WI	
K5EM 51	33	1,683	TX		K9GY	237	97	22,989	IL	SMC #3
NX5M 50	31	1,550	ТХ		W9YH (N4O	,	77	15,939	IL	
					N9TU	150	80	12,000	IN	
N6RO 984	246	242,064	CA	NCCC	AF9J *	127	83	10,541	WI	
K6AW @W6NL793	234	185,562	CA	NCCC	W9AX	131	70	9,170	IL	
N6NF 720	201	144,720	CA	NCCC	W9DYG	156	44	6,864	WI	
WN6K 587	171	100,377	CA	SCCC #1	W9SMC (K9	PG) 62	30	1,860	IL	
W6CT 497	152	75,544	CA	NCCC	KB9IUA	43	31	1,333	IL	
KQ6ES 423	163	68,949	CA	SCCC #1						
N6EE 331	152	50,312	CA	NCCC	K0RF	839	264	221.496	CO	
W6TK 346	144	49,824	CA		N0AV	691	229	158,239	IA	
K6LA 243	96	23,328	CA		KOSR	654	205	134,070	MN	MWA
WA7JHQ 119	62	7,378	CA		K0AD	618	196	121,128	MN	MWA
W6UE (W4EF) 76	52	3,952	CA		WOUY	602	200	120,400	KS	
K6ZCL 65	50	3,352	CA		NA0N	667	177	118,059	MN	MWA
WA7BNM 67	45	3,250	CA		KOOU	605	195	117,975	MO	LMT
K6RO 56	45 40	2,240	CA	SCCC #2	K0COT (K9V		207	117,975	MN	
K0HO 50	40	2,240	CA	3000 #2	•	,				N 41 A / A
	054	050 400	NIN /		KT0R	558	208	116,064	MN	MWA
K5RC 998	251	250,498	NV	TDXS Gold	N4VI	580	178	103,240	CO	TCG #3
K7RAT (N6TR) 974	257	250,318	OR	TH	K0RI	470	185	86,950	CO	
K6LL 918	258	236,844	AZ	SCCC #1	KORX	528	159	83,952	IA	
N0AX 774	232	179,568	WA	RDN	KE0FT	384	164	62,976	IA	
W7ZRC 822	218	179,196	ID		K0OB	353	151	53,303	MN	
N7OU 818	215	175,870	OR	RDS	NS0B	311	137	42,607	MO	
NG7M @W7CT750	224	168,000	UT		AA0ZV	299	88	26,312	MN	
NC7W 696	196	136,416	UT		KG0KR	215	108	23,220	NE	
K7ED (WA0RJY)685	190	130,150	WA	RDN	KI0E	224	83	18,592	ND	
N7LOX 675	191	128,925	WA		K0NI *	185	92	17,020	MO	
N7WA 653	194	126,682	WA		KC0COP	65	36	2,340	CO	
KU7Y 699	177	123,723	NV					,		
KI7Y 554	201	111,354	OR	RDS	VE4VV	725	206	149,350	MB	
KY7M 509	174	88,566	AZ	SCCC #1	VE6EX	693	193	133,749	AB	
K5ZM 457	185	84,545	OR	RDS	XE2L (XE2/I			81,225	XE	SCCC #1
KK7GW 431	161	69,391	WA	RDN	VE5SF	463	172	79,636	SK	0000 #1
W7WHY 362	162	58,644	OR	TIDIN .	VA3UZ	454	168	76,272	ON	
				WARC						
K7EW 351	148	51,948	OR	WARC	VE3IAY	411	146	60,006	ON	
N7ATM 360	133	47,880	OR	WARC	VE7NF	428	139	59,492	BC	
WL7KY 362	125	45,250	AK	RDN	VA3RJ	315	124	39,060	ON	
AB7RW 338	107	36,166	WA		VE3WZ	250	113	28,250	ON	
KL7RA 284	116	32,944	AK		VE3ZT	231	112	25,872	ON	
W2VJN 150	107	16,050	OR		VE9AA	204	99	20,196	NB	
N7IF 41	25	1,025	NV		VE5MX	219	89	19,491	SK	
KC3QU 22	12	264	AZ		VA3IX	145	83	12,035	ON	
					WP4LNY	49	31	1,519	PR	
W8MJ 775	228	176,700	MI		PY2NY	44	29	1,276	PY	
WA8WV 635	190	120,650	WV		VE3STT	22	15	330	ON	
W8CAR 576	193	111,168	OH	LMT						
WA8YRS 536	192	102,912	ОН		K6ZZ/M	120	70	8,400		SCCC #2
K9TM 610	168	102,480	ОН		K5GQ/M	19	13	247		TDXS #2
K8JM 491	155	76,105	MI							
AF8A 416	145	60,320	OH		* Denotes a	QRP ent	rv			
KG8GW 390	152	59,280	WV		_ 5 u	U II	,			
K8KFJ 345	123	42,435	ŴV		Multi-Two S	Scores				
W8UPH 254	121	30,734	ОН		Call			000%	Multo	Score Castian
N8YYS 232	111	25,752	WV			514)		QSO's	Mults	Score Section
KB8PGW 65		25,752	MI		N5TJ (+ NM	,	N	1502	321	482,142 TX
	26	1,090			K7UP (+ AA)	1427	293	418,111 NM
	000	154 000	14/1	CMC #1	W4AN (+ K4	,		1365	303	413,595 GA
K9MA 694	222	154,068	WI	SMC #1	W5WMU (+ I			1191	274	326,334 LA
N9FH 684	203	138,852	WI	SMC #2	W5NN (KK5I			,	268	316,508 TX
K9BG 600	221	132,600	IL	SMC #1	W4MR (AA4			1052	267	280,884 NC
N9CO 661	195	128,895	IL	SMC #1	N0NI (+ W0F), N0AC)		260	269,620 IA
KA9FOX 640	191	122,240	WI	SMC #1	NM7I (K7ON	I, NU7I)		818	217	177,506 AZ
KJ9C 559	199	111,241	IN	SMC #2	K7GE (+ K7F			826	205	169,330 WA
W9RE 500	200	100,000	IN	SMC #1	K8MAD (K80	CC, K8MF	R, KU8E) 125	73	9,125