Results, 1988 Novice Roundup

By Billy Lunt, KR1R Contest Manager, ARRL and Mark Gamble, N1FOZ Contest Assistant, ARRL

his year the Novice Roundup took on a new face. With Novice Enhancement becoming effective in March of 1987, new operating privileges were bestowed upon Novice and Technician class licensees. These new privileges found their way into the 1988 NR. Not only was the classic CW mode used in NR, but also 10-meter SSB, 222 MHz, 1270 MHz, RTTY and packet were available for an added attraction, giving the contest a new and interesting twist. Novice Roundup gives Novices and Technicians nine days of operating while supplying plenty of activity to try out new modes and bands. NR also gives participants the time to experiment with propagation on different bands at different times of the day. By the end of the contest or after 30 hours of operation (whichever comes first), contestants can't help but notice their operating skills and techniques have improved and that they are well on their way to becoming experienced contesters.

The Novice Roundup provides many things for different people. Besides being a fun and challenging contest, NR still remains as one of the most favorite activities among Novices and Technicians for improving and increasing CW speed. Also, like many other contests, new states and DXCC countries are worked, putting the finishing touches on the requirements for that long sought-after award. Many personal achievements are accomplished each year during the NR. The following comments are just a few of such triumphs: "Wow! I had loads of fun during the NR. My biggest thrill was working KL7XM in Alaska. My hand



Fifth-place Novice finisher KB8BSM logging in another contact. Mark also finished first in the Ohio section.

Novice Top	Ten	
Call	Score	
W6UE/N	000 010	
(KA6SAR,op) WD5JZL/N	229,812 106,406	
KAØSIX/N KA8JBK/N	105,264 105,006	
KB8BSM/N	98,532	
KA8YZJ/N KA2YVU/N	75,208 74,732	
KA9LJO/N	65,925	
KB4MUZ/N WD4KQN/N	63,104 61,200	

Techniciar	n Top Ten	
Call	Score	
KAØVYA/T KA9CHM/T	124,820 95,328	
KA9UJE/T WA3TIH/T	71,676 70,180	
NØIPP/T N4QIV/T	68,941 65,934	
WB2VBV/T KA8OAT/T	62,832 48,528	
KAØREN/T KB7AXA/T	48,440 47,736	

Distance in a		
Division Lea	laers	
Novice		Technician
Call	Division	Call
KA2YVU/N KA9UJO/N KA0UJT/N WD5JZL/N KA0SJZL/N KA0SIX/N KA0SIX/N KA0SIX/N KA0SHS/N KA0SSHS/N KA0SOS/N KA0ZOS/N KA0ZOS/N	Atlantic Central Dakota Delta Great Lakes Hudson Midwest New England Northwestern Pacific Rocky Mountain Roanoke	KA3ROF/T KA9CHM/T NØFYR/T KB5CQR/T KA8OAT/T WB2VBV/T KAØVYA/T KAØVYA/T KB7AXA/T NH6GJ/T NH6GJ/T N4QIV/T
WD4KQN/N	Southeastern	N4REE/T
W6UE/N (KA6SAR,op) KB5ENP/N	Southwestern West Gulf	KA7WPD/T N5LAI/T



Debi, KBØAOQ/N, from the Colorado Section, smiles for the camera.

The job's never complete until the paperwork is done, as Leroy, KB7AGY/N, learns.

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froze up because I got so excited"-KA1QMQ. "Not too many contacts, but I had fun and increased my confidence in CW operation"-KB2DFZ. "I think contesting is an awesome way to improve code speed and general operating skills"-KB2EMU. "I worked my first DX on 15 meters! NR was a great way to get my feet wet. It also helped to increase my code speed to the point that I was able to pass my 13 WPM test with no difficulties"-KA3SKT. "My code speed went from 5 WPM to over 14 WPM during NR. It's time to upgrade!"-N3FTI. "I worked 35 states, 4 VE provinces and 3 DXCC countries during NR. Also, my code speed improved so much, I upgraded to General!"-N4REE. "I was surprised and delighted to find that I had worked all states"—N4QIV. "Everyone told me NR would help my CW speed. Sure enough it did! I hope to take my General soon"-KB5CQR. "After holding a Novice ticket for almost five years, I finally got on the air for the first time. NR opened a whole new world"-KAØQCJ.

There were a total of 363 entries received by the Contest Desk for the 1988 Novice Roundup: of that number, 150 were Novices and 144 were Technicians. Looking through the score listings reveals many familiar and repeat NR participants.

A scan through the Top Ten boxes will show four of 1987's top ten are back again this year. For the Novices, KAØSIX betters his last year's score by 60k and reclaims 3rd place again in '88. KA8JBK increased his score by 70k and moved up the ladder to 4th

Novice Roundup Experience From Washington

I've been a ham on and off for 26 years, but never have I used CW. I didn't even use my second license (I got computer fever, which has burned itself out). Now I'm on my third call and once again tinkering with transistors. I've also come to realize the terse, economic beauty of CW.

Before NR, I had made only two contacts, both with the same ham (Floro in San Jose, thank you!)

My goal for NR was just to get on the air and see if I could learn something. Little did I suspect, despite all that I've read in *QST* over the years, what would happen to me. My hands got cold and sweaty; my copy speed fell from a solid 11-12 WPM to about 4!; my hand shook and sent wild code through the ether. In a half hour, my body was soaked with sweat. I kept at it though, my code speed increased and my sending was less erratic. All the things I've read about appeared on the air, good and bad turned out true. Some folks were friendly; others business-like, or even abrupt.

I heard a 3-minute CQ, followed by a short string of call signs too fast and blurred for me to follow. Someone answered him, and his sending speed dropped in half!

Several times I heard a signal with a pronounced, slow chirp, but I never got a chance to answer him and tell him he had a big problem.

An Extra in California answered me once (actually I answered his co NR), but only sent cA as his QTH—guess he didn't read the rules. I heard another operator asking a different CA ham what his section was; they never did straighten out which section he was in. After the third time of this happening, I managed to straighten out a puzzled ham in the midwest, by telling him "YES" Fresno was in SJV. Seems the California hams don't know much about ARRL sections. Oh, don't mistake me, I made my share of mistakes. Lots of sending errors. It's hard to slow down when sending (unless I'm trying to figure out how to spell my name or something—that at least has gotten better!), and I'm sure I scared off a few newer hams, although I did try hard to go at their pace.

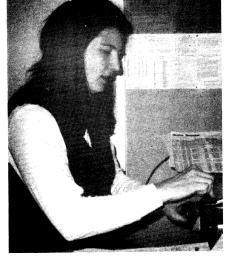
I had one very strange experience. I answered W9GXR (on 3.7 MHz), and he came back with FB DAN, RST 599 5NN WI WI. How did he know my name? At any rate he seemed very business-like and dove right into the next QSO; obviously he was very experienced. I thought that maybe I had worked him before (he was my 16th contact, including the 2 with Floro), but I had not. Had he heard me working someone else? I doubt it, as he seemed to be working by "CQ" and "QRZ." Also it was my first QSO of the day! I can only guess that he has the *Callbook* on hard disk data base (Wow!) and entered my call to come up with my name. A little spooky, though.

Halfway through the week my addiction got the best of me (solder smoke—hopeless—no cure) and I took my EICO 723 transmitter (remember those?!...\$35 with the 722 VFO at a hamfest) apart and added a QRP switch. It's nice for tuning up without bothering others as much (in case they missed my QRL?). It drops the output to about 2 watts. I wanted to see if QRP can really make it, as I have dreams of home-brewing my next rig. Four days later I forgot to go "QRO" (that's 20 watts out on the 723!), but worked N5KOB in STX using less than 1.8 watts on 15 meters—and got a 579! Later I got a 549 from WD9IQN in IL.—Dan Winkler, N7IVR/T

place this year from 6th place in '87. The top two Novice slots for 1988 are held by top-ten new blood. W6UE (KA6SAR/N,op) ran away with 1st place just shy of 230k points. This is a record that will be hard to beat. WD5JZL was the 2nd place finisher with 106k points. In the Technician race, KAØVYA moved from 4th-place Novice in 1987 to 1st-place Technician in '88 by improving his score by 85k for the win. KA9CHM grabbed the 2nd place spot with 95k points. KA9UJE ended up in 3th place just 1k points ahead of 4th place finisher WA3TIH. Last year's 4th place Technician, WB2VBV, tripled his score for '88 but found the competition a lot fiercer this year, slipping to 7th place. Great showing this year from all! Certificates for all Novice and Technician entrants will be out soon. Looking forward to seeing everyone again in 1989!

SOAPBOX

There were plenty of Novices and Techs who were able to copy well over 13 WPM. I was very impressed! (KA1IOR/E). Sure wish I had used CW instead of relying on phone only! (WB1EAD/T). This is the first contest I have entered; I had a great time contacting DX. Some of the pile-ups were unreal, but they sure did add to the excitement of the contest (KA1QFV/T). My first crack at Novice Roundup was fun! Okay, it's not an award-winning score, and I may not have been able to work the full 30 hours allotted, but like I said I had fun! NR was a great opportunity for me as a new Novice to jump in with both feet, get the hang of making contacts, iron out operating procedures and identify minor problems with a newly purchased used rig. Thanks for the opportunity (KB2EAX/N). Enjoyed NR greatly and had a much better time than last (WA2JUJ/T). Wonderful experience! (KA2IKE/N). On February 7th I had a cold and fever of 104°—that was the day I made most of my contacts! Now I know what the "ham radio" fever is! (KB2BSV/N). Many thanks to all the experienced



Sue, KA3SKT/T, placed second in the EPA section with 13k points.

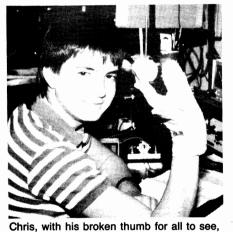


WD4KQN/N finished in 10th place in the Novice category overall.



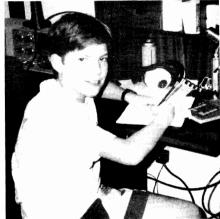
In California, Darrel, KB6RXF/N, walked away with the Orange Section win.

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worked exclusively CW for the multiop

crew of KBØBFJ/T.



Twelve-year-old Ron, KC4CXQ/N, took firstplace SFL.

operators who gave no quarter and forced my copy speed up, while displaying infinite patience with my fist. Be back next year, without the "/N," I hope (KA3SDO/N). Well someone has to have the lowest score. How is 119? (KA3RRS/N). This was the first time I participated in any contest. It was a ball! (KA3FIJ/N). This was my first contest. I didn't exactly set the world on fire, but I had fun (N4NFI/T). Strange NR this year. Fifteen meters was up and that was great, but what happened to 40 meters? Maybe we can trade this portion of 40 meters to the Generals for a portion of 20 meters? CW, of course; that would be super! I tried out SSB on 10 meters for a bit but it's too much work. I can eat and drink and send CW, but I can't eat and drink and talk SSB-Ha Ha! (KA5DIU/N). I am a 16-year-old YL and I received my ticket when I was 14. This is the first year that I have participated in the NR. It really helped my confidence. Next year, I plan to participate more actively (KA5YNL/N). Denise, KB7CNL, and I really enjoyed working the Novice Roundup together. We improved our skills and got to know each other better (KB7DNK/N). What a great contest. I was able to make my QSOs count. They were only two or three minutes each on average. What I especially enjoyed was a QSO with W1AW (KB7AGY/N). Terrific Novice Roundup! I couldn't believe the number of Novices and Techs I heard! (KA8ZUF). I would like to thank Dr Lou Arnold, K9ALP, for helping me get ready for this contest. If I didn't know better, I'd say his name was Elmer (KB8BSM/N). Had fun working the contest QRP. With two hams in the same house it was also a com-(KA8NRC/T). There are a lot of good fists out there-excellent future contest operators, but more important, excellent future CW operators (W9GXR). The NR was a great experience for (W9GXR). The NR was a great experience for increasing code speed, gaining confidence in CW and phone and meeting friendly, helpful hams. My OM (NYØR) encouraged my full participation by washing dishes for the week—can't we have the NR more often! (KAØVFM/T). I only worked 28-MHz SSB because I didn't have a CW filter at the time (NØIJU/T). NR was fun! My broken thumb didn't elaw us down (KB@BEI/T). slow us down (KBØBFJ/T).

Scores

Score listings indicate call sign, score, number of QSOs, multipliers (number of ARRL Sections + DXCC countries) and total hours.

					-,				•					,		
1				KB2DFZ/T	174- 12	- 6-	7	KA3SIO/T	10,575-	132-	47- 9	Northern Florida		N5KVK/T	7- 7-	1-4
				KB2CCC/T		- 2-1	12	KA3SDO/N	5,920-		37-22	KC4BWY/N 31,560- 263- (0-27	Oklahoma		
Connecticut				K2YCJ/N (KB	2s BQY,DIS,op			N3FSC/T	2,254-		23-26		5-2			
KA1QMQ/N	2,408-		28-7		364- 14	- 13-	5	KA3QCG/T	555-		15-9	KB4ZWH/N (+K1GTE)		KB5ENP/N	6,336- 99-	32-29
KA1QXK/N			10-11	NYC-Long Isl	end			KA3RRS/N	119-	17-	7-5	3,234- 44- 3	3-22	KA5VIL/T (+WB		~ ~
KA1LYF/T	21-	7-	3-3	•				N3FOV/T	70-	14-	5-4	South Carolina			31,020- 235-	66-19
KA1QQJ/T	9-	3-	3-1	WB2VBV/T	62,832- 374			Kaspqk/n (+	13.311-		E1 20			South Texas		
Eastern Mass	achusetts			WA2JUJ/T KA2JJJ/T	22,920- 191				13,311-	131-	51-30	KB4VZM/T 363- 19-		N5KOB/T	17.215- 174-	55.30
	48.348- 3	250	79-17	KB2DRR/N	9.843- 97			Maryland-DC				KA4UTZ/N 264- 12-	1-10	KB5ELV/N	5,957- 86-	
KA1PCM/N KA1NNI/N		78-	48-17	N2HLC/T	5,125- 125			KA3RFE/N	33.768-	252.	67-28	Southern Florida		KA5ZNX/T	2.016- 37-	
N1DVH/T			33-11	KA2JAK/T	576- 18			WB3CDX/N	13.932-		54-29			KB5EYK/N	330- 17-	
NIDVH/1	3,728-	5/-	33-11	KA2IYI/T	341- 29			KA3SKF/T	11,970-		45-18	KC4CXQ/N 10,710- 106-	4-10	KB5EYP/T	24- 8	
Maine				KA2GRH/N	270- 30			KA3FIJ/N	11,760-		49-30	KB4SPA/T 20- 4-	4-10			
WB1EAD/T	2.511-	93-	27- 18	10 LOI II III	2/0- 00			KA3SAO/N	10,058-		47-28	Tennessee		West Texas		
KA1RFD/N	1,188-	33-	18-19	Northern Nev	v Jersey			KA3MMG/N	2,100-		30-22		46-14	N5LAI/T	37,674- 276	- 69-21
NATH DAY	1,100			WA2FEH/N	53,546- 340	- 82- :	30	KA3SKE/N	18-	3-	3-11		47-20	N5KUC/T	12,980- 110	- 59-29
New Hampsh	nire			KB2EOH/N	21,600- 240							KABTTAN 0,382-73-	4/- LU	KA5WMU/T	1,144- 26	- 22- 3
KA1LDS/T	14.410-	149-	55-25	N2GMZ/T	8,370-100		14	Western Pen	nsylvania			Virginia				
KA2ZHA/N	9,202-			KB2BVP/N	1,152- 32		10	KA3RYZ/N	11,342-	110-	53-15	N4QIV/T 65,934- 407-	81- 30	6		
	-,			KA2YYV/N	850- 2	5- 17-	10	KA3SHU/N	8,080-	101-	40-16		68-30			
Rhode Island	d							KA3PVD/T	6,460-	85-	38- 30		90-29	Los Angeles		
KA1PBO/T	8.136-	113-	36-30	Southern Net	w Jersey			KA3NVZ/N	1,020-	30-	17-4		32-16	W6UE/N (KA6S/		
KA1MOK/N	20-	5-	2-6	KB2EUC/N	22,287-16	3- 69-	13	KA3ORF/N	936-		18-7		24-9		229,812-1205	
				WB2YEH/T	7,520- 8	0- 47-	23	KA3SJZ/N	374-	17-	11-7	KB4VIR/T 570- 30-	19-12	KB6QHL/T	2- 1	- 1-2
Vermont				KA2AIA/N	5,202- 6	∋ 34-	15	-						Orange		
KA1RAZ/N	17,632-	160-	58-7	KA2TDC/N	5,162- 8			4				5		•		
W1KOO/T (N	1s DLE,EO	Z,EYI	D,ops)	KA2YKN/T	2,220- 4	6- 30-	24	Alabama						KB6RXF/N	58,692- 414	
	1,288-	37-	23-5	Western Nev	Vork							Louisiana		KB6SSD/T KB6TIN/T	1,904-119 75- 8	5-26
Master Ma								KB4TOX/N	11,408-			KB5EPG/T 2,132- 82-	26-15	KB6TIN/T	/5- C	- 3-20
Western Mar				KA2YVU/N	74,732- 54			WB4OEE/T	112-		8-2	Mississiani		Pacific		
KA1EJK/N	17,160-			KB2EMU/N	26,163-23			KC4BWB/N	72-	6-	6-2	Mississippi		NH6GJ/T	176-22	2- 8-8
KA1QFV/T	2,024-	92-	22- 19	WD6CQV/2/T				Georgia				WD5JZL/N 106,406- 641-		WH6BKQ/T	143-13	
				KA2SJG/N	14,852-15			WD4KQN/N	61,200-	450	68-28		67-30	WHODING/	145- 10	- 11- 0
2				KA2IKE/N	12,852- 12			N4REE/T	9,648-		48-27		44-24	Santa Barbara		
Eastern New	v Vork			KB2DSJ/T KB2BSV/N	11,430- 12 3.380- 6			N4NFI/T	9,040-		40-27	N5LRQ/T (+N5KBQ)		KA6MUV/T	5,365-145	5- 37- 7
			64 00	KA2WYH/N	2,880- 8			KB4IAT/N	1,218-		21- 4	15,517- 249-	59-24	1010110171	0,000 110	
KB2DSS/N	20,862-		61-22 56-26	KB2ETB/T	1,334-4			KB4DNQ/N	946-					Santa Clara Va	illey	
KB2DQE/N	12,324-			KB2CHV/T	330-1			N4QVB/T	432-		12- 9	New Mexico		KA6SHS/N	23,560-190	0- 62-17
KB2DSR/N KA2VQY/N	8,658-			N5LXS/2/T		7- 10-		KB6IWS/T	300-		15-6	N5JTY/T 38,934- 304-	63- 30			
WB2TTG/T	2,688-			KB2EVL/N	126- 2			KC4CVO/N	72-		4 4	KB5ETW/N 34,176- 311-		San Diego		
KB2DHG/N	2,000-			ND2EVEN	120- 2	•	•						61-28	KB6PJU/N	31,124-25	8- 62-30
KB2EIK/T	2,374			3				Kentucky				KA5DIU/N 18,144- 174-	54-12			
N1DXT/T	1.020-			•				KC4CHL/T	6.612-	114-	29-18		44-8	San Francisco		
KB2DSQ/N	992-			Delaware				KA4NKN/T	2,100-				41-14	KB7DBT/N	21,228-174	4- 61-29
KA2MCU/N	352-			KA3SGF/N	1.302- 5	3- 21-	4					N5LQO/T 1,349- 71-	19-10			
KB2EAX/N	200-			WA3BZT/T		2- 10-		North Caroli	na			KA5YNL/N 992- 31-	16-3	San Joaquin V		
ND2LDOVIN	200						_	KA4OHV/N	35,464-	286-	62-27	N5JUQ/T 561- 33-	17- 14	KB6EEK/N	4,096-12	8-32-5
				Eastern Pen	nsytvania			KB4QAL/N	18,036-	167-	54-26	KB5DBJ/N 99- 11-	9-3			
				KA3ROF/T	22,876- 31	3- 38-	25	KC4BIO/T	6,864-			North Torres		7		
				KA3SKT/T	13,000- 12			KB4YIV/T	3,968-			North Texas		Aleeke		
				N3FTI/T	12,474- 14	2- 54-	17	KB4MDZ/T	1,040-			KB5EQL/T 16,074- 153-		Alaska		-
				KA3QLF/N	11,438- 13	3-43-	16	KA5WJZ/T	9-	· 3-	3-3	KA5MXG/T 2,322- 43-	27-8	WL7BKZ/N	11,421- 12	23- 47-2

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				-	_		•			9				KAØZOS/N	54.303-	394-	69-	30	NØIN
NL7KB/T	4/6-	18-	14-	5	8					-				KAØVFM/T	25,704-	215-	63-	27	KAØC
Arizona					Michigan					lilinois				KAØYXI/N	17,604-		54-		KBØE
WA7IYG/N (P					•				~	KA9NGH/N	40,120-	300-	68-23	KBØBDO/N	1,900-	38-	25-	11	KBØB
WANTON (23.760-		60-	26	KA8JBK/N	105,006-				KA9UIW/N	20,460-	372-	55-30	KAØUSE/T	1,064-		14-	26	KBØE
KA7WPD/T	14,440-				KA8PKJ/N	23,760-		55-2		KA9TXG/N	19,690-	179-	55-13	NØIJU/T	943-	41-	23-	16	
KB7DOR/N	1.357-				KA8EBE/N KB8CFK/N	18,914- 5,376-		49-2		N9GQE/T	10,011-	110-	47-15	KBØAOQ/N	874-	23-	19-	2	
KB7DBN/N	1,357-				N8UH/T	2,750-		25-2		N9GII/T	2,914-	47-	31-14	KAØNND/T	308-	14-	11-	3	Nebra
KA7HKS/N	200-				KA8QKQ/T	2,750-		20-2 9-1		N9GTT/T	2,400-	50-	24-30	KAØYAA/N	275-	14-	11-	1	KAØV
NA/ HIGHI	200-	10-	10-	10	KB8DKO/N	286-		11-		N9GCF/T	1,360-	37-	20-7	K3ZMO/T	100-	20-	5-	9	KBØB
idaho					KA8JJN/T	250-		10-		KA9ZLC/N	112-	8-	7-1	KBØADI/N	18-	9-	2-	9	NØILA
KB7AXA/T	47.736-	961.	20	97	KB8DQP/N	250-		8-		KA9WHK/T	45-	5-	5-4	KAØMHR/N	9-	9-	1-	2	
N7KFI/T		17-			KB8BMO/N	18-				KA9ZDT/N	22-	11-	2-10	-					Non-P
IN NEW I	200-		10-	-				3-4	+	KA9ZTJ/N	14-	6-	2-1	lowa					
Montana					KB8DDK/N (+	60-		4-		KA9ZJJ/T	5-	- 5-	1-1	WA3TIH/T	70,180-	365-	110-	30	KA8M
KAØSVY/N	15,390-	195	57-	20		-00	14-	4-	4					KAØYGX/T	8,404-	97-	44-	15	32,45
KA7NCY/T	330-			8	Ohio									KBØATA/T	5,248-	82-	32-	10	20,44
KA/NCT/T	330-	-00	0-	•				~ ~	~	Indiana				NØHJQ/T	552-	28-	12-	18	12,88
Oregon					KB8BSM/N	98,532- 75,208-				KA9UJE/T	71,676-	543-	66-23	KBØBDU/N	7-	7-	1-	1	11,85
N7JUP/T	9.200-	100	46-	200	KA8YZJ/N					KA9LJO/N	65,925-	442-	75-24						11,56
N7JUR/T	4,130-				KABOAT/T N8GFK/T	48,528- 30,432-		48-2		KA9IWP/T	24,640-	224-	55-25	Kansas					9,384
KB7DRD/N	2.231-					15.800		50-2		KA9ZTC/N	20,064-	209-	48-24	KAØSIX/N	105,264-	eno.	96	20	KA8Z
KB7DRE/N		13-			KA8KSO/N N8DAQ/T	14,906				N9FFG/T	3,808-	56-	34-8	KABITAN	27.328-				5,814
N7JED/T	50-			2	KA8SOJ/N	9,976				KA9ZRW/N	3,105-	64-	27-30	NØIQJ/T	16.830-				WB7E
KA7UJW/T	32-		- 4			9,976				KA9YZA/T	120-	7-	5-2	KBØBPR/N	1.342-				KY3M
KB7DNK/N (KA8HFJ/T KA8NRC/T	9,800		50-1 41-1		N9GSM/T	12-	4	3-6	KBØBTF/N		11-			2,200
KD/DINKIN (3.720-		91	12	KA8VPL/N	4,059								WØLB/T (KAØ				19	N9GG
	5,720-		01-	. 15	N8HUR/T	1.728		16-2						NØs FVR,GA			ы.		1,500
Utah					KB8DAE/N	1,728		28-2		Wisconsin					15.070-			07	W6Y\
KB7AGY/N	31.500-	250.	63	. 23	KABODP/T	1,002		26-		KA9CHM/T	95,328-	499-	96-15		15,070-	138-	-00	21	850, I
Normania	01,000	200-		20	KB8DEX/N	768-		16-2		KA9ZKL/N	39,660-		60-28						N8HY
Washington					KB8DRR/N	700-		14-		N9HDE/T			54-22	Minnesota					(+W
KA7UDJ/N	7.056-	84-	42-	. 10	KB8DON/N	616		14-2		N9GGY/T	17,584-		56-30	NØFYR/T	14,580-				25,92
N7IVR/T	1.748-				KA8VAL/T	572		13-		KA9VTP/N	10,028-		46-19	KBØBEJ/T	14,260-				
КВ7ВТО/Т	1.219-				KA8ZHC/T	112		8-		KA9ZHO/T	8,084-	94-	43-21	KBØBIX/T	9,682-				Checi
KB7DKF/N	1.134-				KB2DMZ/N	24		3.		KA9PAF/N	986-	29-	17- 15	KAØUQT/N	8,400-				KA1C
KB7CMR/N	532-				KD2UM2/N	24	•	34	•	KA9ZWM/N	84-	7-	6-6	KAØYEG/N	5,976-				WB2D
KB7AFO/T	88-			- 3	West Virginia					KA9ZHF/T	12-	3-	2-5	KAØZTE/N	744-	31-	12-	9	WA3E
N7JPP/T	10-			. 5	KA8RLD/N	54.436	400	62- :	-										W6UC
14/06/2/1	10-	+			KABHLD/N KB8DEH/N	49,518		63-2						Missouri					KS7L
Wyoming					KB8CMR/N	12.616								WDØBBL/N	50.932-	375	68-	26	KE8O
KB7AWM/T	37.888-	208.	64	. 28	KB8AOB/N		81-			Colorado				KAØREN/T	48,440-				NØDN
N7JZW/T	-98-			- 8	N8HTR/T	0,240		7-		NØIPP/T	89 041	498	71-30	KBØACF/T	17,024				NARP
				•	NORTHYT	120		<i></i>			00,841	- 400*	71-30	NDDHOT/1	17,024	102-		20	144611

INI/T	3,100-	50-	31- 15	
ØQCJ/N	884-	21-	17-30	
ØBEP/T	48-	12-	4-5	
ØBPA/T		3-		
ØBFJ/T (+V		•	• -	
	15,456-	161-	48-26	
braska				
ØVYA/T	104 000	700	70 20	
	6,972-			
LAT	896-	31-	16- 13	
n-Novices				
BMSE (KX8Y	(.op) 39.04	40. W	9GXR	
452, K9GXU				
440, WA9PC				
880, WA1VE	K 11,938	KMI	x	
856, KA9UZ	H 11,780,	WB2	NRK	
562. W7HO	10.208. K	A1MP	F	

11,302, WTH3 0,205, Kottimere 9,384, KTIK 7,224, KA1106 6,698, KA8ZUF/6 6,640, W2MTA 6,498, K12Z 5,814, W4Y0K 5,100, KYSN 4,028, WB7EMO 3,904, KH4CP/1 3,429, WB7EMO 3,904, KH4CP/1 3,428, W9L24, N11Y 1,716, N9GGE 1,856, N3DPV 1,540, KA3VIL 1,500, KJ4KS 1,428, KX0WC 1,197, W6YVK 1,120, N11L 1,105, WA3EEE 850, KSIS 663, WH6I 627, W1GV 512, N8HYA 390, K8HJI 336, K30BCCZ (+ WC8S) 38,324, KA9YAF (+ N9NE) 25,925, KB2CPO (+ NN2E) 13,056

Checklogs

KA1CLV, KA2GGB, KB2DER, WB2DVU, KA3CHY, W3ARK, WA3EOP, KA5AWP, KB6NYC, W6UQF, WA6HAD, AE7K, KL7GN, K57L, K3AN, KA3JVK, KE8CP, KEBOM, W6VUV, KA9PBL, W9CUN, NBDMV, WA8S, VE3CNA, VE4AAU, NAP/CGA, JE4MYY