Results, 1989 Novice

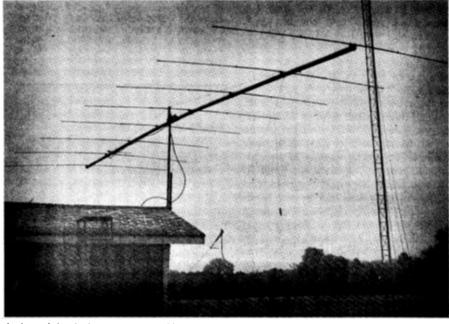
Roundup

"I never would have believed contesting could be so much fun!"—KB6UXI/T

By Billy Lunt, KR1R
Contest Manager
and
Phil Rice, WB9JKI
Assistant Contest Manager

his year's Novice Roundup was held from Jan 28 to Feb 5, 1989. NR has come and gone, leaving in its aftermath Novices and Technicians feeling a sense of accomplishment. There is a feeling of confidence about operating procedures, increased code speed and log books bulging with completed QSOs.

The nine days of NR are some of the most enjoyable days for many beginners and old-timers alike. NR represents many different things to different people. Whether your interests are in CW, phone, DXing, rag chewing or just plain contesting, there is plenty of activity on all bands and modes. David, N5MRX, says, "It is a great way to meet many new ham friends and work toward awards." Walter, WB3CDX, claims to have "started NR with a LAØ and ended with a KL7 and lots of fun in between." Ron, KA1NJW, is



A view of the 8-element monster Yagi used by Don, KB5HMH/N, to make over 1600 10-meter QSOs.

working toward his DXCC and says, "I had lots of fun and worked my 100th country when a ZS answered my CQ." KB6WGT was spurred on by her boyfriend. Constance explains, "What a nervous, exciting experience. It was my first time contesting. During a pileup, I pulled out J52US and JP1BJR. What a thrill on 15 meters! I didn't think that I could do a contest, but my boyfriend kept saying, 'you can do it."

Not everyone accomplishes recordbreaking tasks or works all states during the contest. Gary, KA9SKS, spelled out, "My wife and I have been hams for nearly five years. Ham radio has been a long and hard struggle, but this year we decided to do the Novice Roundup. We never made many contacts, but we are very happy and thrilled with the QSOs that we made with our little station. It has been a real ice breaker for us." Whatever the case, everyone has a great time.

This year HQ received 386 entries: 132 Novice, 174 Technician, 42 others and 38 checklogs. These figures represent a slight increase over last year's totals. This year's contest was the second year hosting the new Novice Enhancement privileges. Contacts reported in the 1989 NR totaled 63,585.



Dee, N&JLT/T, getting ready to operate NR from OH.



Scott, KA2YVU/N, is one well-dressed contester.



Suzy, KB6WGT/T, logging one of her CW QSOs.

This represents a breakdown of 58% phone and 42% CW. Now that band conditions are on an upswing, activity is increasing right along with the scores. Will 1990 be even better?

When looking through the Top Ten boxes, a few familiar calls from last year's Top Ten can be found. For the Novices, KA8JBK bettered his last year's score by 30k and captured second place this year up from fourth place in '88. Both KAØSIX and KA2YVU increased their scores slightly this year but slipped in the standings. KAØSIX moved from third in '88 to fifth this year, and KA2YVU went from seventh in '88 to ninth this year. Newcomer KB5HMH topped all, scoring 232k points for an impressive first-place win. KB6PJU finished third with 136k points and WD5GJS fourth with 114k points. In the Technician standings, WB2VBV improved his score by 23k and finished third this year from 7th in '88. KA8OAT increased his score 36k to finish fifth this year, up from eighth place last year. N7FIY ran away with 127k points to win first-place Technician. KL7YY scored 86k points for second place. A hardy applause to all who participated in the 1989 Novice Roundup and made it a great success! Certificates for all Novice and Technician entrants will be out soon. Get ready for next year's NR and see you then!



Ted, KAØUQT/T, and Burt, NØFYR, relaxing after a long NR.



Jasen, KB9AAW/N, put these antennas to good use with a first-place finish in the IL Section.

Novice To	p Ten	Technician Top Ten						
Call	Score	Call	Score					
KB5HMH/N	232,806	N7FIY/T	127,411					
KA8JBK/N	146,340	KL7YY/T	86,260					
KB6PJU/N	136,867	WB2VBV/T	85,916					
WD5GJS/N	114,304	KA8OAT/T	84,192					
KAØSIX/N	113,440	KA2OEE/T	73,950					
KB7AGY/N	112,056	N4UOH/T .	60,300					
KA1SQC/N	111,999	KA7RFD/T	54,234					
KA8RLD/N	102,648	KB6HWZ/T	53,430					
KA2YVU/N	75,118	KB5FYV/T	51,786					
KA1RPQ/N	72,956	WB3CDX/T	50,467					

SOAPBOX

Even with my low score, I had fun (WB2MJG/T). This was a QRP entry with a 10/15-meter dipole in my room and a 40/80-meter antenna in the attic. I will not win but I like it! (KA1NJW/T). My most prized catch was YIØVP in Baghdad. I'll be looking forward to the writeup! (KA1RAZ/N). A great contest! I had a lot of fun. Where were AZ and WY? Can't wait until next year and my new beam (KA2ZIU/N). The contest was enjoyable. I look forward to receiving my certificate and completing enough contacts for my ARRL Diamond Jubilee Award (KB2GZV/N). It was my first Novice Roundup and I had a lot of fun. Amazing that so many CA and TX amateurs had no idea what ARRL Section they were operating from (N3FOG/T). I'm age 10 and just got my license two days before the contest. I caught chicken pox the first day of the contest. I had a lot of fun and hope to participate in other contests (KA3UBJ/N). The contest was very good CW practice. I really enjoyed it! Lots of fun! (KA3MMG/N). An FB contest. Didn't do too bad with just an old-tired SB100, 50 ft of wire tied to the wife's clothesline and an Isotron 40-meter antenna tied to the back porch (N3GLK/T). Really enjoyed my first attempt at a contest (KA3SRH/T). Thanks to all the hams holding General-class-and-above licenses who took the time and participated. Conditions were great. I was able to increase my score from last year by a multiple of 3. I don't know if I won my division. as I did last year, but I had a great time and was able to add to my DXCC total (N4UQD/T). Thank you for providing the Novice Roundup. I didn't set any records, but I certainly enjoyed the action and participation. I worked many new states and a few new countries that would not have been possible if I did not compete in the contest. The contest rules say listening time counts as operating time. Does falling asleep at the rig count as operating time as well? HI! (KC4BUK/N). I was probably crazy to try to operate with such a poor station during midterms week. It was fun anyway, and I learned a lot about good operating practices. Thanks for a FB contest! (KC4GLA/T). The Novice Roundup was great this year. John, KC4GVJ, enjoyed it so much that he helped me put up a 15-meter antenna. I operated my HW9 QRP rig. (AA4RD). Thank you very much for running the contest. I enjoyed it very much. I get the biggest kick out of CW and all my contacts were made using a straight key (N4UOH/T). I enjoyed the contest, but where were the Delaware and Hawaii stations? Next time, watch out North Florida! (KC4EOD/T). I received my license in the mail on the afternoon of the 1st contest day. I had a great time! (N4UUT/T). I didn't have much time for the contest. I had to study for the General-class exam. I enjoyed it though and hope to work some future contests (KC4IHN/N). I was not planning to participate in the Novice Roundup until my Elmer talked me into it (N4UIO/T). I enjoyed the NR contest last year as a Novice and decided to give it a try this year as a Tech. I had a lot of fun with wonderful band openings. I also completed my WAS (KB5EPG/T). My brother, WD5JZL, finished second place in last year's NR He has since upgraded to General. This year, I decided it was my turn to enter the Roundup! This was my first ever NR. I had a great time! I hope it will spur me on to upgrading as well! (WD5GJS). I very much enjoyed this year's NR. It was a good way to gain some experience. I hope to upgrade within the next month or so (KB5HVV/N). It was

ivision	Leaders
laa	

Novice		Techniciar					
Call	Division	Call					
KA2YVU/N	Atlantic	WB3CDX/I					
KB9AAW/N	Central	KA9IWP/T					
WDØCXB/N	Dakota	NØFYR/T					
WD5GJS/N	Delta	KB5ECK/T					
KA8JBK/N	Great Lakes	KA8OAT/T					
KA2KRT/N	Hudson	WB2VBV/T					
KAØSIX/N	Midwest	KBØANP/T					
KA1SQC/N	New England	KA1NJW/T					
KAØSVY/N	Northwestern	KL7YY/T					
WB6SZZ/N	Pacific	N7FIY/T					
KB7AGY/N	Rocky Mountain	N5LQO/T					
KA8RLD/N	Roanoke	N4UOH/T					
WB4GBY/N	Southeastern	N4UQD/T					
KB6PJU/N	Southwestern	KA6MUV/T					
KB5HMH/N	West Gulf	KB5FYV/T					



One of the 800-plus SSB QSOs being racked up by Roy, KB7AGY/N.

my first contest in 18 years of hamming. I enjoyed the contest, but it's hard to work many stations while holding an active 15-month-old daughter! (WB4UHI/T). I'd like to say that I really enjoyed participating in this year's NR. It took a lot more work than I had imagined, but I really had a blast! I worked several new countries and was especially pleased to work some of the ARRL Section Managers, Division Directors and even a few of the HQ staff! Do you guys have an award for working all HQ staff members? The contest was really a lot of fun. I hope to be passing out contacts next year instead of begging for them! Thanks for a terrific contest and 73 to everyone at HQ (KB5HMH/N). have been an amateur less than a year and thoroughly enjoyed the NR. I just wish I had more time to operate in the contest (N5MRX/T). This was my third consecutive NR, but my first from Hawaii. What a difference the QTH makes! (WD6CQV/KH6/T).I had a wonderful time from my new QTH, but constant interruptions from two sick kids and my wife didn't help much! 73 and CU next year (KB6PJU/N). I enjoyed the NR and was able to work over 28 hours of on the air time. It was nice to work all of the US multipliers, but I did not get all of the Canadians. I wish the contest would have been longer (KL7YY/T). Thanks for a great contest. I worked all continents and almost worked all states, but missed DE and SD. Propagation sure was great on 10 and 15 meters (KB7AGY/N). Thanks, I had a good time (KA8OAT/T). The NR is a fun and friendly contest (N8JLT/T). I'm a new ham and enjoy CW. The contest was a real pleasure (N8KBE/T). I always have a ball in the NR. Hams are the friendliest people. I didn't have an antenna this year so the Van Kirks (KX8Y, KA8MSE and N8HOG) let me use their station. The station and room service there was great (KA8RLD/N). This is the first contest that I have ever worked. I enjoyed it immensely. (KB9BLA/N). This was my first single-operator contest. I don't know if it was the weather or the contest, but it put me home from work for 4 days with a respiratory infection. I'm sure it must have been the weather. Otherwise, I would have been diagnosed with a radio bug (KB9BJM/N). My son Ted, KAØUQT, and I enjoy the hobby together. This year we were both competing in the same license class. The competition made us more

aggressive, but also closer (NØFYR/T). This was my first contest and I accomplished my objectives: learn contest procedure and have fun! (KBØDGP/N). I'm 10 years old and received my Novice license in Sep of '88. The NR was lots of

fun. I got real excited when I got a pileup on me. Everyone should be in the Novice Roundup. Next year I want Dad to log for me so I can work more stations. Ham radio is the most fun thing since TV (KBØDGA/T).

Scores

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

				КАЗТВК/Т	5,520-	71- 40-	19	KA4IHK/N 2,400	0- 44	- 32-	12	7				Indiana			
				N3DIZ/T	1,407-	67- 21-	14	_				Alaska				KA9IWP/T 35,58		78- 6	
nnecticut				KA3RZE/T KA3TRU/T	1,222- 612-	47- 26- 31- 18-	27 12	5				KL7YY/T	86,260-	866- 95-	28	KA9HKB/N 21,65		91- 5	
1RPQ/N \1ZFD/N	72,956- 72,372-	587- 92- 489- 74-	30 29	N3FOV/T	555-	36- 15-	30	Arkansas				NL7PH/T		150- 42-	14	KB9BGV/T 14,87 N9GSP/T 3	7- 2 0-	57- 5 6-	57- 5-
1SYN/N	31,186-	319- 62-	29	N3GJT/T	121-	11- 11-	5	N5NAQ/T 35,224	4- 259	- 68-	29		-,			N9G3F/I 3	0-	0-	3 -
1SNS/N	28,500-	250- 57-	21	Maryland—DC				KB5EHR/T 25,803			28	Arizona				Wisconsin			
1SYU/N	24,820-	195- 68-	29		50.407	400 400		N5NKZ/T 23,78		5- 58- 3- 58-	27	KB7GLC/T	8,580-	195- 44-	28	KB9BJM/N 45,89		61- 7	
1RRG/N	20,072-	386- 52-	27		50,467- 42.108-	463-109- 319- 66-	30 28	KB5CDN/T 11,774 KB5IDB/N 5,57		5- 33-	27 27	N7JWM/T N7LQK/T	187- 20-	16- 11- 5- 4-	3 1	KA9YSO/N 21,98		04- 5	
STEPO/N TRIZ/N	10,945- 5,280-	199- 55- 76- 40-	20 20		18.070-	208- 65-	23	KB5HPH/N 3,87		2- 38-	13	N/LQIVI	20	J- 4-	•	KA9RFN/T 20,47 KA9PAF/N 7,45			45-
FNV/T	1,081-	47- 23-	30		17,572-	193- 46-	5	N5NOI/T 3,29		3- 35-	12	Idaho				KA9PAF/N 7,45 WD9EGC/N 6,59		94- 3	
1RLX/T	1,056-	44- 24-	17	N3FRT/T	7,020-	78- 45-	13	KA5KHV/N 1,88		1- 23-	7	KB7FSD/T	345-	23- 15-	5	N9HXX/T 46			15-
				WB2BZR/T	6,642-	123- 54-	29	KB5HBC/T 75	6- 63	3- 12-	6	Montana							
stern Massa				KA3MMG/N	6,500-	120- 26-	18	Louisiana					27 700	290- 65-	30	0			
1SFJ/T	34,952-	257- 68-	15	KA3RSQ/T KA3QNM/T	1,104- 532-	69- 16- 28- 19-	12 7	KB5EPG/T 37.95	∩ 550	0- 69-	30	KAØSVY/N KB4ITR/7/N	37,700- 2,240-	70- 32-	8	Colorado			
OZJ/T 7BKW/1/N	27,306- 864-	245- 82- 48- 18-	25 3	KA3CXG/T	280-	20- 14-	30	KA5KHE/N 6,23			10		2,240		•	KBØDGV/N 60.59		15- 7	72
	004	-10-10-	J	KA3TUE/N	54-	6- 6-	1	N5MWR/T 4,58	8- 6	2- 37-	23	Nevada				KAØNND/T 10,10		10- 4	
ine				KA3TVK/T (+ KB5				KB5GVA/T 3,96		3- 33-	14	N7FIY/T	127,411-	884-103-	29	KBØDJZ/N 9,15		04- 4	
ISQC/N	111,999-	973-111-	30		3,240-	90- 36-	26	N5MLJ/T 1,97	2- 6	B- 29-	14	KB7GAP/N	25,978- 512-	419- 62- 32- 16-	20 8	KAØYXI/T 2,95	8-	46- 2	29-
1EAD/T	29,700-	396- 75-	21	Western Pennsy	Ivania			Mississippi				KB7GNA/N	512-	32- 10-	•	lowa			
7ECP/1/N 1SSU/N	28,200- 22,330-	235- 60- 300- 70-	30 26	KA3SQL/N	34,320-	264- 65-	30	WD5GJS/N 114,30	4- 87	1- 94-	30	Oregon				KAØZOA/N 25,70		04- 6	62
NHG/T	5,969-	126- 47-	19		22,631-	182- 61-	18	KB5ECK/T 42,22	5- 49	9- 75-	28	KA7RFD/T	54,234-	786- 69-	22	KBØBUV/T 8,87		11- 5	
UY/T	1,225-	49- 25-	11		17,702-	171- 53-	30	KB5HVV/N 9,82	8- 14	8- 52-	11 -	KA7OAJ/T	28,990-	224- 65-	30	NØJPV/T 6,51		55- 4	
v Hampshir				KA3PBB/N	9,156-	109- 42-	13	New Mexico				KB7FXJ/N	4,600-	115- 40-	11				
•		602 70	20	N3GTO/T N3GHT/T	8,490- 1,392-	142- 30- 35- 24-	30 10	N5LQO/T 47,26	5. 50	7- 69-	25	N7LVK/T KB7FMD/T	2,720- 1,288-	80- 34- 28- 23-	20 20	Kansas			••
OEO/N CUC/N	43,416- 37,592-	603- 72- 268-127-	29 30	KA3SRH/T	390-	30- 13-	13	N5JUQ/T 2,25		1- 37-	22	WB7QMC/T	620-	31- 20-	8	KAØSIX/N 113,44 KBØBTF/N 19,39		99- 8 83- 5	
RYI/T	34,030-	410- 83-	27						·							WDØCBT/T 6,52		45- 4	
QDL/T	435-	29- 15-	4	4				North Texas				Utah	446 55-	1050		KAØREN/T 1,19	6-	26- 2	23
SRC/N	208-	16- 13-	2	Alabama				N5MFH/T 25,69		3-58- 7-30-	17	KB7AGY/N		1052- 92-	28	WØLB/T (KAØMIQ,NØIC	V,ops)	
2MJG/T	50-	5- 5-	4	N4UQD/T	50,304-	524- 96-	30	N5MFI/T 7,29 N5LYS/T (+ N5MTS)	13- 18	7- 39-	7	KB7EEG/T KB7DUX/N	4,930- 3,888-	140- 34- 144- 27-	9 4	11,33	6- 1	09- 5	52-
de Island					50,304- 29,696-	524- 96- 238- 64-	30 27	N5LYS/I (+ N5M IS) 32,76	O- 48	8- 65-	30	N7KXG/T	3,888- 9-	3- 3-		Minnesota			
NJW/T	36,000-	213- 90-	30	KC4BUK/N	4,329-	72- 39-	18		0	_ 50.					-	WDØCXB/N 49,91	2.	167- 6	80
SQV/N	28,008-	243- 72-	18		, .==			Oklahoma				Washington				NØFYR/T 34,97			65.
WC/T	4,235-	121- 35-	9	Georgia				KB5HNV/T 41,40		1- 65-	27	KB7DUC/N	30,888-	281- 66-		KAØUQT/T 31,96			61.
mont				KC4GLA/T	1,656-	35- 24-	14	KB5IED/N 20,03		5- 67-	29 8	KA7VXN/N KB7GMV/N	3,456-	54- 32- 63- 26-	9 24	KAØYEG/T 17,49		59- 5	
	70 570	444 400	00	N4JKS/T KC4GVJ/N	1,368- 1,122-	35- 24- 51- 22-	23 14	WB4UHI/T 75	o- 3	6- 21-	۰	KB7GHP/N	1,638- 1,210-	55- 22-		NØJSQ/T 7,78			44
RAZ/N SYJ/T	72,576- 24,242-	444-108- 373- 62-	22 22	KOTOTO	1,122-	31- 22-	1-4	South Texas				N7LGQ/T	180-	15- 12-		NØBGO/T 4,86 KAØZTE/N 4,44			36
RRX/N	924-	25- 21-	14	Kentucky				KB5HMH/N 232,80	6- 161		30	N7LXQ/T	143-	13- 11-		KAØZTE/N 4,44 KBØCZW/N 2,53			30 27
					61,098-	326-102-	30	N5LYG/T 18,09	96- 46	4- 39-	13					KBØDGP/N 38			12
stern Mass					26,746-	311- 86-	29	KB5HOE/T 11,70		4- 56-	21 8	8				KB7DBN/N 22			11
IQHG/N	11,520-	130- 48-	17	N4TLC/T KB4VCT/T	21,912- 18,900-	249- 88- 210- 45-	22 27	N5NPP/T 11,32 N5MRX/T 4,69		14- 51- 18- 34-	19	Michigan				KBØDAH/T (+ NØJSJ)	_		
				KA4HKS/N	8,648-	89- 46-	13	KA5ZNX/T 4,32		61- 37-	18	KA8JBK/N	146,340-	876-108-	30	76	U-	27- 1	19
				N4THE/T	1,900-	50- 38-	12	N5MNK/T 4,13	30- 11	7- 35-	14	KA8EBE/N	56,240-	365- 76-	30	Missouri			
stern New Y	ork			N4STW/T	264-	22- 12-	4			8- 8-	4	KB8ECG/T	40,040-	286- 70-		KBØDTA/N 50,16	3- 4	109- E	69-
2KRT/N	51,612-	392- 66-	28	North Carolina				West Texas				KA8HWF/N	36,722-	301- 61-		KB@ANP/T 18,79		346- 5	
LT/T	49,932-	347- 73-	30		60,300-	402- 75-	29	KB5FYV/T 51.78	R. 82	2- 63-	22	KB8FSN/N KA8JJN/T	12,972- 11,124-	141- 46 112- 54		KAØYZT/N 4,53		81- 5	
2UMH/T 2GKY/N	1,534- 640-	59- 26- 20- 16-	7 11		12,772-	201- 62-	25	KB5BCR/T 10,24		8- 47-	14	KABQKQ/T	8,460-	90- 47		NØHDL/T 4,44 KAØQCY/N 4,03		60- 3 60- 3	37
ZGKI/N	040-	20- 10-	•••	N4UAJ/T	8,468-	102- 58-	24	KB5EOF/T 6,66	50- 18	35- 36-	9	KB8DXE/T	663-	39- 17		KBØDGA/T 1,64		56- 2	
C—Long isl	land			N4UMI/T	4,953-	70- 39-	19	_				KB3FPZ/T	660-	28- 22		KBØDVZ/N 18			11
2VBV/T	85,916-	457- 94-	28	KB4QAL/N WD4CNZ/T	2,592-	48- 27- 45- 27-	8	6				KB8FQN/N KB8CHW/N	300- 286-	20- 15 14- 13		KBØDAX/T (+WØNKO)			
2ZIU/N	28,615-	255- 59-	8	KC4CFG/T	1,215- 800-	40- 20-	5 13	East Bay				KBOCHWIN	. 200-	14- 13	. 3	6,59	4- 1	38- 4	42
2FER/N 2RSJ/N	22,176- 4,515-	308- 72- 70- 35-	26 12	KC4FGG/T	4-	2- 2-	2	WB6SZZ/N 48,99	90- 34	10- 69-	30	Ohio				KBØBFJ/T (+ WØNKO)	^	52- 2	20
PIYI/T	4,368-	112- 39-	16									KA8OAT/T	84,192-	502- 96		1,04	0-	52- 2	4
JAK/T	1,750-	35- 25-	19	Northern Florida				Los Angeles				KA8YQL/N	29,568-	311- 48		North Dakota			
GRH/N	390-	15- 13-	6		35,072-	280- 64-	26	KB6VIE/N 63,69		54- 73-	20	KB8FQK/N	27,206-	223- 61		KA9IZP/T 7,20	0- '	20- 4	45
GZV/N	78-	13- 6-	5	KB4FOS/N KC4EOD/T	19,448- 640-	160- 68- 32- 20-	30 5	KB6WGT/T 28,00 N6OPR/T 19,34		12- 59- 33- 63-	22 30	KA8UFG/N KB8GAE/N	25,774- 17,840-	263- 49 223- 40		KBØAHP/N 2,59	2-	81- 3	32
thern New	Jersev				J40-	JZ- ZU-	3	KB6UUA/T 17,50)7- 56-	17	KB8ATH/N	16,872-	175- 57		South Dakota			
OEE/T	73,950-	542- 85-	30	South Carolina				KC6BPB/N 3,0		38- 43-	7	N8JYU/T	9,198-	126- 73	- 20	KAØVME/T 72	6-	33- 2	22
HBS/N	12,324-	122- 52-	22		18,678-	209- 66-	30	KC6BOY/N 1,7	28- 5	50- 32-	5	KB8DFI/N	8,640-	100- 48	- 30			J. 2	
BVP/N	5,542-	83- 34-	20	KB4CUQ/T	5,289-	72- 41-	16	KC6BOW/N 1,7		53- 32-	6	KA8VPL/N	7,980-	112- 57		Non-Novices			
RY/T	3,564-	80- 33-	14	N4UCR/T KB4VZM/T	3,990- 90-	53- 38- 9- 5-	12 2	KC6BOZ/N 1,3		42- 29- 23- 14-	6 3	N8JLT/T N8KBE/T	2,001- 1,430-	59- 29 35- 22		K3TX 50,630, WA1VI			
GXM/N	874-	23- 19-	11	N4UQM/T (+ WB4		9- 5-	~	KC6BPA/N 3	JU- 2	LJ- 14-	3	KA8VLR/N	1,102-	29- 19		19,020, HP1AC 12,480			
thern New	Jersey				5,040-	120- 42-	12	Pacific				KB8FZH/N	864-	27- 16		W7HO 9,856, KA1MPF KA5GIS/1 5,735, KB1\			
TDC/N	25,740-	229- 65-	30	Sauth			-	NH6GJ/T 7,5		37- 55-		KB8FWV/T	560-	28- 20	- 14	4,851, W4YOK 4,67			
YEH/T	11,270-	115- 49-		Southern Florida				WD6CQV/KH6/T 3,3	06- 5	55- 38-	14	KB8DWL/N	20-	5- 2		KH6CP/1 4,422, K7S			
GLO/T	9-	3- 3-	2		38,625-	365- 75-	16	WH6BXK/T 2,1	70- (62- 35-	10	West Virginia				4,191, WØOGS 3,638, K			
itern New '	Vork			N4URP/T	6,200-	155- 40-	20	Santa Barbara				KASRLD/N	102 640	601 P4	- 30	1,716, NØJMT 1,625, N9	GGE :	,440,	٧,
		E04	22	N4TVQ/T N4OPC/T	1,800- 1,344-	60- 30- 56- 24-		KA6MUV/T 29,9	28- 5-	16- 58-	10	KASHLD/N KASQGU/N	102,648- 56,950-			1,430, KT7U 1,296, N			
YVU/N	75,118- 18,300-	584- 71- 200- 60-	30 23	KC4HLF/T	300-	20- 15-	25 7	KB6UXI/T 24,8		43- 56-		N8HTR/T	1,029-	28- 21		1,134, N9GBB 1,064, KA			
FBE/N SJG/N	18,300-	165- 52-	12	N4UUT/T	256-	16- 16-	6	N6TME/T 23,9		10- 58-			,,,,,,		_	WAØTGH 800, KA3PVI N3DPV 360, K9UQN 3			
GIR/T	8,400-	109- 42-		KC4IHN/N	168-	14- 12-	3					9				KC1MP 40, JH4UHW			
BSV/N	6,000-	75- 40-	14	Tennessee				San Diego				Illinois				N7LWU (+KA7EGQ	KD70	OD) 3	39
FXF/T	2,739-	83- 33-	18			40 -			67- 13				05.000	270		KB8ENJ (+W8KTQ)	19,1	52, I	K
DVZ/T	2,240-	80- 28-	3	N4UIO/T	72- WOB)	10- 6-	4	KA6WBQ/N 2,0	13- (61- 33-	8	KB9AAW/N	65,860-			(KA9ZTJ,N9BPK,ops	18,	468,	١
AWE/T	924-	42- 22-	22	KC4HYD/N (+K4	WOP) 5,700-	75- 38-	7	San Joaquin Valley				KA9UBC/N KA9UZH/N	62,480- 26,727-	440- 71 219- 59		(+NØJDI) 10,914, KA9	CAI (⊦WA9	9C
					3,700-	10- 36-	,		16- 2	11- 64-	24	N9HFP/T	5,535-	123- 45		WB9J) 1,633			
				Virginia						09- 40-		N9GMW/T	4,635-	61- 45		Checklogs			
ware				KC4AUV/N	17,812-	146- 61-	30				-	KB9AGE/T	3,760-	80- 47		KA1EAP, KA1SPO.	N1.	ks	
SGF/T	416-	18- 13-	2	KC4DOW/N	5,112-	83- 36-	16	Sacramento Valley				KB9BSN/N	1,850-	42- 25	- 10	WA1QGC, NK3O, AB4L			
			-	KC4GSD/N	4,992-	78- 48-	28		30- 8			KB9BSM/N	1,311-	30- 23		N4LM, N4REE, WV4Y,	KA5V	/GL, F	KE
tern Penns	-			KB4VIR/T	3,360-	80- 42-	18			75- 51-		KB9BLA/N	1,092-	52- 21 38- 16		. KB5EWE, W5NR, K	A6VC	≥V, N	N6
	59,584-							N6OTA/T 3	74-	22- 17-	24	KB9ANM/T N9HRM/T	608- 171-	38- 16 10- 9		NØBKE/6, W6PLJ, KA7I	ICY,	N7KFI	1, 1
QLF/N		285- 70-	23									N9HHM/I KA9OBZ/T	1/1-	4- 4		KA8YKI, KB8DMZ, I	(B8E	IY, I	N8
BQLF/N BDLV/N	39,900-		20																
QLF/N	39,900- 11,220- 11,169-	255- 44- 126- 51-										KA9SKS/T (+		•		W8VUV, KA9VRJ, N KBØCWV, NØISB, NØIY	19GP	r, K/	ᅼ