

1977 Novice Roundup Results

New states and countries provide some February fun.

By Jim White,* K1ZX

Novice Roundup . . . Novice roundup . . . it's hazy, but still I remember it well. It was the second weekend and I was out in the rain putting up a dipole so I could get on 40 and 80 to chalk up a few more QSOs. (I never dared venture onto noisy 40 or 80. Besides, at the top of the sunspot cycle there was always something to be worked on 15 — oh well, almost always.) Getting on the bands sure helped my score. My QSO total went up and I caught a few "close-in" multipliers as well. Those NR QSOs increased my code speed and my hope for a Worked-All-States Award as well.

The story was much the same for many of this year's Novice Roundup participants. Finally, the reason was there to fix the antennas, to tweak up the rig, to get that code speed up so that a General ticket wasn't too far away. Mac, WBØPTJ/N, seems to have said it all: "I had always avoided those crowded, noisy periods on the bands, but now I must confess it was a blast! I definitely learned a few things about an operator's skill." We won't say we told you so, but . . .

For a second year in a row the NR's top scorer came from four-land, this year from Tennessee. Paul, WA4SCL/N, walked away from the rig with a score of over 65,000 points. Not only did he catch a WAS, but a WAC too. His homebrew beam on 15 helped him garner 23 DX multipliers. In the overall standings, number-two slot goes to Technician WB2DFY making use of his Novice option to score over 57 kilopoints. Not far behind at 56k was

WBØNFY, also a Tech, operating /5 in Texas. Two excellent showings, Ed and Ken.

Total logs were up considerably from last year's 392. In fact, returns totaled 614 logs, up over 50 percent from 1976. Things are on the upswing. The number of hams coming into the hobby is up, and there was good participation from Technicians. Participation by Techs WB2DFY, WBØNFY and WB5POP (all overall top-toppers) shows us they are still finding the low bands fun.

As always thanks are due the non-

Novice participants. Their getting on makes it possible for Novices to run up big scores. Thanks also to those DX stations who took the time to look up the band and have that patience so necessary in the NR.

Some comments received remind us that all Novices are not necessarily new hams. The FCC now allows the holders of Novice tickets a chance to retake the exam. Perhaps it isn't fair for those Novices (who aren't neophytes) to be competing with other "brand new" Novices. Similar comments about participation by Technicians were heard. If



Kansas section and Midwest division leader WBØSPL (your editor notes the Bicentennial WAS award on Bob's wall).

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Resisting the urge to ragchew, Bonnie, WB6SZH, managed 87 contacts and 33 sections, taking sixth in the LA section.

the previous night's storm and was lying on the ground. (WB4WXA) Was glad to see many fellow Techs out there. (WB2GTP/T) In spite of my rotten luck, it was fun. (WB7FFJ) My most frustrating moment was answering a VP1's CQ on 80 meters — only to hear an S9 WB8 station come back calling CQ NR. (WB8VEF) I feel like I could handle anything that came along after '77 NR. (WB0SPL) [See you in the November SS. — Ed.] The greatest thing for improving cw proficiency I have come



Southern New Jersey section leader WA2HXG pulled in 66 sections and 331 QSOs, giving Rob better than 21k.

you feel that perhaps another category should be adopted or that there should be some other method of scoring for re-licensed Novices and Technicians, let us know! The format of our contests is decided on by you the participant. Got some ideas? Write to the Contest Advisory Committee, c/o ARRL headquarters.

Soapbox

I worked more stations in one week than I usually work in a year. (WB7ATZ/N) Couldn't think of a better smoke test for my new transceiver. (WB4KYT/T) High point of NR was my last QSO with JA3HZT, giving me Novice WAC. (WB4KZL/N) My long wire attacked two elderly women walking down the street and my algebra assignment only got longer. (WB0SYV/N) I hope you print this comment in your results. (KL7IFP) Whether I'm /N or not, see you next year in the NR. (WB8ZRL/N) DX this year was much better. (WB2DFY/T) Woke up Sunday morning to receive 559 report from DJ0NH/P, only to find my dipole had been badly mangled by

in contact with. (WB1APT) Now I know why some hams go "contest crazy," gud fun! (WB3DQY) NR was a lot of fun but I couldn't get on when I wanted to due to school work schedule. (WB3FNZ) Enjoyed the privilege of being able to work the Novice Roundup as a Technician. (K8DHK/T) I know you have lots of soapbox to read, so tnx for FB contest. (WA4KTA) Ham radio is relaxing, really relaxing, when your father starts his electric razor during QSOs with weak DX stations. (WA4UYD/N) The characters NR on cw sometimes managed to come out as a slant bar — producing some very interesting combinations. (WB8WRL/N) Due to the fuel shortage I had to walk a quarter of a mile to use the john. (WD8CRT, op W8UMD/N) [That's devotion. — Ed.] NR's code practice enabled me to pass my Advanced test. (WB7OUO) Everything was going fine until the middle of the week when I got the mumps. (WB1ALW/N) After the first evening I thought "this is fun?" After the week was over and I had worked three new states including Wyoming my thoughts were "this is

Division Leaders

Novice	Division	Technician
WA3ZLP	Atlantic	WB2DFY
WB9SAD	Central	WB9VIO
WB0VGN	Dakota	WB0UVD
WA4SCL	Delta	WB5POP
WB8JYF	Great Lakes	K8DHK
WB2JGQ	Hudson	WA2UKP
WB0SPL	Midwest	WB0QZY
WA1YDK	New England	WA1NHE
WB7EME	Northwestern	WB7ONV
WA6OEF	Pacific	WB6EQS
WA4VXG	Roanoke	WB4KIV
WB5SZL	Rocky Mt.	WB0UNU
WB4YHF	Southeastern	WB4NZA
WB7ERC	Southwestern	WB7FCE
WB5SDN	West Gulf	WB0NFY/5

Top Ten

Novice		Technician	
WA4SCL	65,088	WA2DFY	57,190
WB8YJF	55,426	WB0NFY/5	56,052
WB5SDN	52,022	WB5POP	46,096
WB7EME	49,842	WA2UKP	30,552
WB2JGQ	48,015	WA5IYX	25,690
WB7CFL	45,885	K8DHK	25,259
WB5SZL	45,068	WD8CMH	19,836
WA6OEF	44,375	WA1NHE	19,093
WB5USV	43,736	WB0QZY	18,840
WB8VWE	40,807	WB0UNU	17,670



Fourth place in the highly competitive Michigan section was nabbed by Durette, WD8CEN.



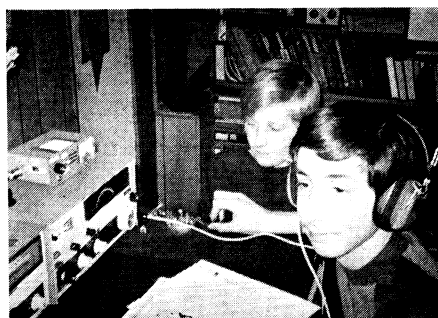
Many appreciated QSOs came from Earl, KL7ISX.



Paul's neat layout was instrumental in the WB3CMY total of 4.3k.



One of many Technicians joining in the NR this year was John, WA7ATU.



Brothers WA1WTB (Steve) and WB1AMQ (Mark) both from the Connecticut section.

fun!" (WB0TPQ) Couldn't stay up very late on school nights so I did the best I could in the afternoons. (WB9UER) Nine days of TV-dinners, TVI and a parakeet that imitates CQ NR CQ NR. (WB9SDA) [Wait 'til you get on phone. - Ed.] Can't wait for SS. (WB0VDY/N) After reading about the lack of KL7s in previous contests I decided to give NR a try. I was only able to log 100 QSOs. Now if you'd only point your beams my way. (KL7IKO) God bless KL7GN. (WA4OUT/N) TNX to KL7GN, who visited the Novice bands. (WA4VKD/N) Enjoyed the snappy exchanges. (KL7GN) I am firmly convinced that KL7 is a figment of someone's imagination. (KZ5BAN) Sorry I'll only be a

Novice once. (WA4OFW/N) Answered a weak, chirpy, drifting "CQ NR" on 15 and became WD9ARM's first contact. Since I'm an instructor I had some "First Contact Club" certificates and sent him one. (N6DE/WB6DJP) Worked Alaska and what I thought was the nonexistent state of Nevada. (WA4VXG/N) After finding out that I couldn't break a North Dakota station with my ground mounted vertical, I braved the 15-degree weather to go up on my roof four times to put up a 15-meter dipole. Brrr. I never did hear another North Dakota but my first contact on the new antenna was VE5LY, and the dipole brought in a lot of 6s and 7s to help my multiplier total.

(WB3FAF/N) [That was 15°F I take it! - Ed.] Sunday night my hand was dead. (WB4DHC/N) When's the next one? I'm ready any time. (WD8DVE/N) My score is far from being competitive, nonetheless I really enjoyed the '77 NR. (WD8BPH/N) I was very impressed with the operating ability and good manners shown by the Novices and Technicians in the NR. (W7KJA) Can't wait to pass the General and enter other ARRL contests. (WA1VVA/N) After looking for Wyoming for eight months I found it during the NR. (WA4AME/N) Very few stations heard on 10 meters - feel certain more contacts could have been made if there were more people on 10. (WA3UJE/T) The NR gave me a big boost on my code speed and with a 'lil help I'll have my General. (WB9UKK/T) Heard a few /G.../A... and even a few /Es. (WA5IYX/T) It was terrific! (KH6JBX/N) Numbness is the word. (WB0UFB/N) I used to laugh when I read the comments about rigs blowing up, etc. I don't laugh now - my finals went gassy and I had to operate the remainder of the NR running about 1 watt. (WA2HXG/N) After 30 hours in my converted coal bin shack working the NR, I am really beat... almost too much for us over-50 boys. (WB9UZQ/N) Can't complain about nine new states. (WB2JFO/N) **QST**

U.S.A.		Vermont		WB2EJO/N	13,104-273-48-29	WB3ERX/N	7446-146-51-19		
1	Connecticut	WB1ABQ/N	3535-101-35-23	WB2IPX/T	11,935-202-55-30	WB3CPH/N	6235-130-43-15	Northern Florida	
		WB1ZVC/N	273-21-13-6	WB2ISQ/N	11,374-242-47-29	WB3DDB/N	3410-100-31-11	WB4QBB/N	20,416-332-58-15
		Western Massachusetts		WB2JFO/T	10,011-798-47-20	WB3CIM/N	3256-88-37-22	WB4FAJ/N	3570-75-42-18
		WB1AOG/N	30,498-432-69-27	WB2JCI/N	7326-188-37-23	WB3DZX/N	3060-92-30-26	WB4PMU/N	3306-72-38-12
		WB1AIE/N	16,500-30-55-30	WB2KFN/N	6786-174-39-24	WB3BQU/T	2528-79-32-19	WB4YKU/N	3232-101-32-8
		WB1YSQ/N	6072-128-44-14	WB2KDL/N	6579-153-43-25	WB3CKZ/N	2040-60-34-17	WB4QUS/N	3078-57-54-19
		WB1ARW/N	3976-132-28-17	WB2XV/N	5181-147-33-16	WB3DJM/N	570-30-19-19	WB4YKO/T	882-32-21-7
		WB1AUV/N	1550-62-25-6	WB2ITH/N	2640-80-30-22	WB3DER/N	532-28-19-11	WB4QGW/N	30-6-5-2
		WB1AFN/N	7396-152-43-21	WB2FOK/N	1587-82-23-10				
		WB1YXL/N	7396-152-43-21	WB2IEY/N	1488-52-24-23				
		WB1YSQ/N	6072-128-44-14	WB2SGS/T	851-37-23-22				
		WB1ARW/N	3976-132-28-17	WB2ISW/N	792-21-15-5				
		WB1AUV/N	1550-62-25-6	WB2FFY/N	612-26-5-8				
		WB1AUV/N	1550-62-25-6	WB2FJO/N	260-20-13-24				

WB5UJE/N	8694-161-54-17	WB6PRU/N	1265- 55-23- 4	WB8BHE/N	22,080-368-60-20	WB9YJF/N	1024- 32-32-17	Nebraska		
WB5VMZ/N	1652- 59-28-17	WA6RLA/N(+WA6RIR)	40,034-541-74-30	WB8CEN/N	15,240-254-60-29	WB9VWC/N	850- 34-25-16		WB9QPA/N	19,200-305-60-30
WB5UZZ/N	925- 37-25- 7			WB8BNA/N	14,152-232-61-23	WB9UW/N	527- 31-17- 6		WB9SMR/N	12,250-266-30-30
Louisiana		San Diego		WB8BDE/N	11,123-212-49-22	WB9UW/N	384- 24-16- 6		WA6MRH/T	7700-154-50-26
WB5UW/N	21,518-386-53-21	WA6TXO	27,135-405-67-24	WB8BUE/N	11,034-228-41-10	WB9UW/N	264- 22-12-16		WB9SVV/N	5418-126-43- 8
WB5WZA/N	12,240-204-60-16	WB6CWT/T	3040- 85-32-11	WB8BVF/T	9,947-203-49-19	WB9UW/N	1012- 46-22- 5		WB9WHM/N	2240- 70-32-19
WB5TEQ/N	9840-164-60-25	WA6CWO/N	1830- 51-30-13	WB8BVF/T	9,947-203-49-19	Indiana			WB9JRN/N	9- 3- 3- 1
WB5VGY/N	6624-128-48-19			WB8BVF/T	9,947-203-49-19	WB9UW/N	33,367-522-61-30	South Dakota		
Mississippi		San Francisco		WB8BVF/T	9,947-203-49-19	WB9UW/N	23,694-344-66-30		WB9VGN/N	27,216-363-72-17
WB5POP/T	46,096-536-86-26	WA6VMG/N	3627- 93-39-28	WB8BVF/T	9,947-203-49-19	WB9UW/N	18,370-314-55-30		WB9TGO/N	8874-153-58-15
WB5ZMK/N	25,047-363-69-29			WB8BVF/T	9,947-203-49-19	WB9UW/N	13,338-234-57-24		WB9UGO/N	1450- 43-25- 7
WB5TJN/N	5520-115-48-13	San Joaquin Valley		WB8BVF/T	9,947-203-49-19	WB9UW/N	13,338-234-57-24		WB9YU/N	984- 41-24-15
WB5UTV/N	2912-104-28-15			WB8BVF/T	9,947-203-49-19	WB9UW/N	8536-194-44-17	Non-Novices		
WB5VYP/N	42- 7- 6- 2	WA6OEF/N	44,375-605-71-30	WB8BVF/T	9,947-203-49-19	WB9UW/N	6688-142-44-19			
New Mexico		WA6SOF/N	1700- 68-25-11	WB8BVF/T	9,947-203-49-19	WB9UW/N	4929- 83-53-28			
WB5SZL/N	45,068-593-76-30	WA6PAK/N	925- 37-25- 5	WB8BVF/T	9,947-203-49-19	WB9UW/N	4602- 78-59-26			
WB5QMN/N	10,010-182-55-18	Sacramento Valley		WB8BVF/T	9,947-203-49-19	WB9UW/N	4400-100-44-13			
WB5ZQW/N	6394-119-46-13	WB6STU/N	5120-118-40-22	WB8BVF/T	9,947-203-49-19	WB9UW/N	3666- 94-39-20			
Northern Texas		WB6PZU/N	1375- 55-25-21	WB8BVF/T	9,947-203-49-19	WB9UW/N	3480-116-30- 3			
WB5SDN/N	52,022-703-74-30			WB8BVF/T	9,947-203-49-19	WB9UW/N	3150- 90-30- 3			
WB5RPU/N	33,872-444-73-21	Pacific		WB8BVF/T	9,947-203-49-19	WB9UW/N	3090-103-30-19			
WB5TMH/N	12,208-218-56-13	KH6JBX/N	4410- 98-45-30	WB8BVF/T	9,947-203-49-19	WB9UW/N	2829- 69-41-19			
WB5YHX/N	6324-124-51-19	KH6IRI/N	3196- 94-34-30	WB8BVF/T	9,947-203-49-19	WB9UW/N	2070- 80-23- 8			
WB5UEF/N	5742- 89-58-18	7		WB8BVF/T	9,947-203-49-19	WB9UW/N	1495- 65-23-14			
WB5YIN/T	4257- 99-43-23	Arizona		WB8BVF/T	9,947-203-49-19	WB9UW/N	208- 16- 8- 5			
WB5UWN/T	2556- 61-36- 8	WB7ERC/N	30,095-463-65-30	WB8BVF/T	9,947-203-49-19	WB9UW/N	150- 15-10- 6			
WB5UWV/N	1224- 51-24-13	WB7OAH/N	21,000-340-60-25	WB8BVF/T	9,947-203-49-19	Wisconsin				
WB5YJK/T	279- 31- 9-16	WB7ATZ/N	19,032-312-61-30	WB8BVF/T	9,947-203-49-19	WB9UW/N	32,447-437-71-30			
Oklahoma		WB7COB/N	4840-121-40- 8	WB8BVF/T	9,947-203-49-19	WB9UW/N	22,870-341-70-27			
WB5UGO/N	3071- 83-37-25	WB7FCE/T	4032- 64-63-29	WB8BVF/T	9,947-203-49-19	WB9UW/N	22,007-353-59-25			
Southern Texas		WB7EJN/T	3395- 97-35-17	WB8BVF/T	9,947-203-49-19	WB9UW/N	19,082-319-58-24			
WB9NFV/ST	56,052-692-81-28	WB7EJN/T	3034- 82-37-11	WB8BVF/T	9,947-203-49-19	WB9UW/N	13,197-249-53-29			
WB5USV/N	43,736-568-77-26	WB7EJN/T	1950- 65-30-10	WB8BVF/T	9,947-203-49-19	WB9UW/N	7332-156-47-19			
WB5MYN/N	33,750-450-75-28	WB7EJN/T	1749- 53-33- 8	WB8BVF/T	9,947-203-49-19	WB9UW/N	5461-127-43-30			
WB5YXX/T	25,690-367-70-29	Idaho		WB8BVF/T	9,947-203-49-19	WB9UW/N	4940-130-38-15			
WB5URY/N	11,620-220-56-30	WB7FEN/N	26,112-374-68-30	WB8BVF/T	9,947-203-49-19	WB9UW/N	4323-131-33-12			
WB5OQI/N	12,260-197-55-30	WB7OAH/N	10,450-209-50-30	WB8BVF/T	9,947-203-49-19	WB9UW/N	1369- 37-22-16			
WB5LV/N	9828-182-54-12	WA7WDJ/T	3420- 80-36-11	WB8BVF/T	9,947-203-49-19	WB9UW/N	1276- 44-29- 9			
WB5UCL/N	7700-140-55-12	WB7BDI/N	440- 22-20- 4	WB8BVF/T	9,947-203-49-19	WB9UW/N	931- 49-19- 8			
WB5YDA/N	7314-159-46-28	Montana		WB8BVF/T	9,947-203-49-19	WB9UW/N	504- 28-18-16			
WB5ZPK/T	5763-113-51-17	WB7CFL/N	45,895-665-69-30	WB8BVF/T	9,947-203-49-19	WB9UW/N	120- 15- 8-12			
WB5UVD/T	3220-106-45-11	WB7PCZ/N	16,638-267-99-23	WB8BVF/T	9,947-203-49-19	Colorado				
WB5SFL/N	3132- 87-36- 9	WB7CIU/N	3096- 76-36-15	WB8BVF/T	9,947-203-49-19	WB9UW/N	18,154-298-58-17			
WB5VME/N	2144- 67-32- 8	Nevada		WB8BVF/T	9,947-203-49-19	WB9UW/N	11,460-151-60-23			
WB5VQR/N	1053- 39-27- 9	WB7DWB/N	20,336-313-62-22	WB8BVF/T	9,947-203-49-19	WB9UW/N	7473-149-47-18			
WB5ZGQ/N	1056- 48-22- 6	WB7OQW/N	445-127-35-25	WB8BVF/T	9,947-203-49-19	WB9UW/N	2835- 71-35-15			
WB5WHR/N(+WB9QI/Y)	3024- 72-42-16	WB7EHN/N	1372- 49-28- 6	WB8BVF/T	9,947-203-49-19	WB9UW/N	2835- 81-35-12			
Canal Zone		Oregon		WB8BVF/T	9,947-203-49-19	WB9UW/N	1369- 37-22-16			
KZ5BAN/N	15,309-243-63-29	WB7DPU/N	4704- 83-48-17	WB8BVF/T	9,947-203-49-19	WB9UW/N	1444- 48-28-17			
6		WB7FEV/N	1624- 58-28-18	WB8BVF/T	9,947-203-49-19	WB9UW/N	1680- 68-28-17			
East Bay		WB7NNA/N	1248- 52-24-16	WB8BVF/T	9,947-203-49-19	WB9UW/N	1444- 48-28-17			
WA6AGO/N	26,694-359-66-30	WB7DSH/N	400- 20-20- 9	WB8BVF/T	9,947-203-49-19	Iowa				
WA6GCZ/N	10,653-201-53-20	Utah		WB8BVF/T	9,947-203-49-19	WB9UW/N	24,318-386-63-28			
WA6SJR/N	10,647-169-63-27	WB7DUV/N	13,338-219-57-13	WB8BVF/T	9,947-203-49-19	WB9UW/N	23,994-372-62-30			
WA6MTU/N	7951-147-52-17	WB7NVO/N	2100- 65-28-16	WB8BVF/T	9,947-203-49-19	WB9UW/N	20,034-303-63-24			
WB6FKX/N	1985- 65-21-13	WB7NDZ/N	1840- 80-23-30	WB8BVF/T	9,947-203-49-19	WB9UW/N	18,648-281-63-29			
WA6PES/N	1633- 71-23-17	Washington		WB8BVF/T	9,947-203-49-19	WB9UW/N	17,792-241-52-16			
WA6PVG/N	230- 23-10-10	WB7EME/N	49,842-702-71-29	WB8BVF/T	9,947-203-49-19	WB9UW/N	16,008-204-52-19			
Los Angeles		WB7NZI/N	27,268-386-69-29	WB8BVF/T	9,947-203-49-19	WB9UW/N	6028-127-44-22			
WB6PFH/N	19,512-256-72-30	WB7NVP/N	25,090-386-65-23	WB8BVF/T	9,947-203-49-19	WB9UW/N	3471- 89-39-12			
WA6KUI/N	8084-168-43-25	WB7EJN/T	18,054-306-59-28	WB8BVF/T	9,947-203-49-19	WB9UW/N	3232-101-32-27			
WA6RZY/N	6579-153-43-28	WB7ONV/T	14,080-241-53-30	WB8BVF/T	9,947-203-49-19	WB9UW/N	3232-101-32-27			
WA6DZP/N	6396-149-39-22	WB7NAU/N	13,780-250-52-27	WB8BVF/T	9,947-203-49-19	WB9UW/N	3232-101-32-27			
WA6QCO/N	89- 83-29-29	WB7EEH/N	13,365-228-54-29	WB8BVF/T	9,947-203-49-19	WB9UW/N	3232-101-32-27			
WB6SZH/N	2871- 87-35-19	WB7ODS/N	12,667-228-53-26	WB8BVF/T	9,947-203-49-19	WB9UW/N	3232-101-32-27			
WA6HQS/T	2720- 75-32-22	WB7FDE/N	10,441-197-53-29	WB8BVF/T	9,947-203-49-19	WB9UW/N	3232-101-32-27			
WB6MQT/N	2380- 70-34- 9	WB7FEV/N	9700- 74-50-18	WB8BVF/T	9,947-203-49-19	WB9UW/N	3232-101-32-27			
WB6PJO/N	1680- 56-30- 3	WB7TAH/N	9650-173-50-17	WB8BVF/T	9,947-203-49-19	WB9UW/N	3232-101-32-27			
WB6RLC/N	972- 36-27- 9	WA7ATU/T	7900-158-50-18	WB8BVF/T	9,947-203-49-19	WB9UW/N	3232-101-32-27			
Orange		WB7EJN/T	6072-123-44-17	WB8BVF/T	9,947-203-49-19	WB9UW/N	3232-101-32-27			
WA6TKG/N	16,124-278-58-26	WB7EJN/T	5764-121-44-15	WB8BVF/T	9,947-203-49-19	WB9UW/N	3232-101-32-27			
WB6SHL/N	12,264-219-56-25	WB7OMN/N	4680-130-36-30	WB8BVF/T	9,947-203-49-19	WB9UW/N	3232-101-32-27			
WB6PBA/N	10,900-203-50-29	WB7EJN/T	2940- 84-35-22	WB8BVF/T	9,947-203-49-19	WB9UW/N	3232-101-32-27			
WB6SIO/N	5208-103-42-17	WB7AQZ/T	1392- 48-24- 9	WB8BVF/T	9,947-203-49-19	WB9UW/N	3232-101-32-27			
WB6OTI/T	1587- 69-23-10	K7QCL/N	1242- 46-27-13	WB8BVF/T	9,947-203-49-19	WB9UW/N	3232-101-32-27			
WB6TJN/T	273- 21-13- 8	WB5TWK/TT	224- 16-14- 6	WB8BVF/T	9,947-203-49-19	WB9UW/N	3232-101-32-27			
WA6SRI/N(+WA6JAH)	21,183-307-69-17	Wyoming		WB8BVF/T	9,947-203-49-19	WB9UW/N	3232-101-32-27			
Santa Barbara		WB7NLQ/N	7560-140-54-22	WB8BVF/T	9,947-203-49-19	WB9UW/N	3232-101-32-27			
WB6DNN/N	18,688-292-64-30	WB7DYK/N	570- 30-19-15	WB8BVF/T	9,947-203-49-19	WB9UW/N	3232-101-32-27			
WA6NYS/N	15,060-251-60-28	Alaska		WB8BVF/T	9,947-203-49-19	WB9UW/N	3232-101-32-27			
Santa Clara Valley		KL7IUQ/T	2448- 68-36- 8	WB8BVF/T	9,947-203-49-19	WB9UW/N	3232-101-32-27			
WA6MZR/N	28,578-423-66-27	KL7IUT/N	493- 29-17-14	WB8BVF/T	9,947-203-49-19	WB9UW/N	3232-101-32-27			
WA6HBP/N	25,984-381-64-25	8		WB8BVF/T	9,947-203-					