

Results, 1988 ARRL VHF Sweepstakes

Rats, Roger, Raucous Robert and Rick Wreak VHF Havoc!

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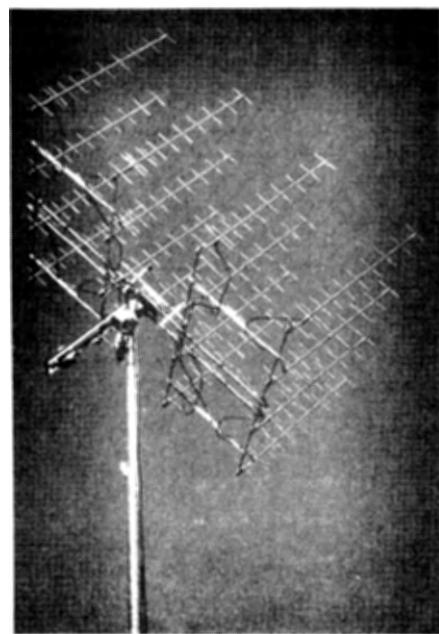
The VHF contesting year is an interesting study in contrasts. The June and September contests can be filled with so many exciting surprises. Witness the tremendous E-skip of last year's June contest and the magnificent tropospheric enhancement of September 1985 and 1986. This contrasts with the relative sameness of conditions considered the norm for the January VHF Sweepstakes. It becomes a bit trite to report year after year that January conditions were punk. Let's face it, they're always flat in January! That's why it's the perfect contest to promote lots of local activity to push up the club competition aggregate score. Thus, even without propagational enhancement, this keeps things pretty lively at least in the metropolitan areas. Unfortunately for VHF contesting, much of the US and Canada consists of large expanses of territory far removed from high-density population centers.

Those that frequent the major VHF contests throughout the year notice that there is a marked difference in distance that can normally be expected to be worked in January as compared to the other more favorable times in the year. One sometimes wonders why anyone would venture into the VHF ether in January at all.

But it's a long time from September to January. So conditions may not be so hot in the great January VHF gathering, but it can sure get the VHF adrenalin flowing. Besides, it provides a low watermark from which you can do nothing but improve the rest of the VHF contesting year!

The true test is in the enjoyment derived. You may have to dig a little deeper to find some gems of fun, but the true optimist will always find a pearl in the rockpile. Here's just a sample from those who found the VHF Sweeps very much to their liking.

"Best DX: W2DRZ in FN02 on four



Tim's (KL7WE) majestic 432-MHz Yagis hit the moon for all of his contest QSOs.

bands, many thanks."—W1QK. "Thanks to W1JR for digging my one watt of 220-MHz RF out of the noise."—N1BUG. "Wow! The pile-ups on 146.55 were worse than most DX crowds."—KA1KPH. "With amazingly high activity level in all directions, I had a ball."—WB2ZSY. "There were many new stations

Affiliated Club Competition

Club	Score	Number of Entries	Single Op Winner
<i>Unlimited Category</i>			
Mt Airy VHF Radio Club	2,181,472	58	WA3AXV
Hampden County Radio Assn	605,029	52	W1RIL
Rochester (MN) ARC	17,352	52	W0VB
<i>Medium Category</i>			
Delaware Valley VHF Society	502,489	11	K2SMN
Rochester VHF Group (NY)	457,408	27	N2WK
SCORE	440,905	7	K2OWR
South Jersey Radio Assn	107,650	16	K2YY
Warmminster ARC	78,759	23	KA3FBP
Yankee Clipper Contest Club	68,092	4	W1JR
Granite ARA	60,315	10	NI1W
Six Meter Club of Chicago	44,372	19	K9MBX
Wheaton Community Radio Amateurs	24,133	10	KR9K
AWARE	22,216	11	KB3PD
Rochester ARA	14,048	17	K2JA
Potomac Valley Radio Club	8,396	3	W3GN
Mobile Sixers RC	6,905	12	K3RTU
Ventura County ARC	1,302	4	K6VMN
<i>Local Category</i>			
Murgas ARC	360,288	6	WA2FGK/3 (K2LNS,op)
Suburban ARC	110,195	5	WB2YEH
Crystal RC	108,214	10	N2BJ
Tri County Tri Banders	31,463	4	KC2TJ
Minnesota Wireless Assn	20,406	5	W6UC/9
Fox River Radio League	18,123	6	KA9LDS
Drumlin's ARC	13,562	5	KC2GZ
Mount Tom ARA	6,186	3	KA1MDA
Northern Texas Microwave Society	4,288	3	N5WS
Anne Arundel RC	3,776	3	KB3HH
Northern New Mexico ARC	3,641	4	K5MAT
York Radio Club	3,349	10	WA9OHU
Huber Heights ARC	2,076	5	N8CCC
Rochester Repeater Radio Assn	2,075	5	N2GDD

Top Ten

Single Operator	
Call	Score
K2SMN	173,500
WA3AXV	169,824
WA2FGK/3 (K2LNS,op)	154,775
K2OWR	128,578
WA3NUF	116,500
W2DRZ	109,810
N2BJ	104,468
N2WK	102,300
WB3JYO	98,710
KC2PX	92,352

Multioperator

Call	Score
N2SB	511,086
WA2OMY	250,850
W1NY	208,917
WB3CZG	173,440
W1XX	159,443
W2SZ	152,105
WA0TKJ	140,174
N2EOC	120,204
K1TR	118,473
VE3LNX	116,116

Division Leaders

Single Operator		Multioperator		
Call	Score	Division	Call	Score
VE3DSS	15,008	Canada	VE3LNX	116,116
K2SMN	173,500	Atlantic	N2SB	511,086
WB9MSV	46,610	Central	WB9EEA	33,880
W9VB	11,448	Dakota	N0HZO	273
K5UR	31,496	Delta	N4VC	20,070
WD8ISK	76,464	Great Lakes	WB8IFP	52,312
K2OWR	128,578	Hudson	W2SZ	152,105
N0LL	13,725	Midwest	WA0TKJ	140,174
W1RIL	78,078	New England	W1NY	208,917
KE7CX	4,482	Northwestern	WB7PEK	6,800
KB3LY	3,078	Pacific	WA6PWW	6,240
W5FF	3,666	Rocky Mountain	W0KEA	624
K2UOP/4	42,662	Roanoke	WA8DQR	7,056
WW4T	8,256	Southeastern	W4APV	5,472
W6CPL	24,353	Southwestern	W6YLZ	42,240
K5SW	12,802	West Gulf	WD5AGO	7,680

QSO Leaders By Band

Single Operator

50 MHz	144 MHz	220 MHz	432 MHz	902 MHz	1296 MHz
K2OWR	224	K2OJL	477	WA3AXV	148
WA1OUB	201	KA1KRJ	457	N3CX	107
WA2FGK/3		KA2WKA	428	WA3NUF	106
(K2LNS,op)	196	WB1BXS	410	N2BJ	149
WA8B	195	K2TXB	406	W2EIF	105
W3WFM	158	WA3HMK	398	N2BJ	104
W2DRZ	150	K2SMN	390	WA3JUF	100
K3LOM	147	K3UV	97	K20WR	127
WA3AXV	145	WB2QOQ	374	W3CL	97
WA1VRH	136	WA3FAE	371	K3ACR	95
W3IFM	134	N2BJ	370	KT2B	92
WB3JYO	132	KC2PX	365	WB2YEH	90
W2CNS	129	N3AHF	364	N2FY	90
N3BBI	128	K3NXH	361	WA3NUF	102
WA3YUE	127	N3EAX	354	K20WR	87
K3LYB	127	K2OWR	341	WA3YUE	87
K1RZ	124	WA1VRH	322	AK3O	87
W1DAT	120	K3EWZ	302	(K2LNS,op)	101
WA3NUF	118	WA2TEO/1	300	KC2PX	101
W3IT	109	KA8IFC	297	WB3IGR	78
				W2PAU	93
				WA1MBA	14

QSO Leaders By Band

Multioperator

50 MHz	144 MHz	220 MHz	432 MHz	902 MHz	1296 MHz
N2SB	318	N2SB	679	N2SB	247
W1NY	246	W1XX	523	W1NY	189
N2EOC	228	KA3PLC	497	WA2OMY	141
W2SZ	220	WA2OMY	488	N2EOC	127
WA2OMY	218	W1NY	483	W1XX	131
W1XX	174	N1FJV	439	K1TR	127
K1TR	172	KA1ZE	426	N2EB	124
WB3CZG	159	W2SZ	413	WA2OMY	120
K2C8A	155	K1TR	411	WB3LJK	112
W3KKN	153	WC2F	404	K3MTK	108
NV2D	140	WB3CZG	397	N1FJV	106
K3QM	135	N2EOC	383	K3QM	103
K3IVO	113	K3QM	340	WB2JHG	95
NR2M	111	WB3LJK	319	WB2PSI	92
N2TW	110	VE3LNX	305	KA1ZE	74
WB2PSI	106	K3MTK	268	W2SZ	91
WA0TKJ	105	WB8IFP	280	WB3CZG	73
W3KWH	100	W3KKN	241	WB3CZG	91
K3MTK	98	WB2PSI	235	WB3LJK	91
WA0DCB	96	W6YLZ	231	N1FJV	85
		WA3FOF	53	WB2PSI	83
				WB3CZG	81

on. Best tropo contact was K9VGE in Milwaukee with an S8 signal."—N4VC. "Operating 6 bands mobile is a fun way to contest."—WB0HYV/5. "It was my first VHF contest. I was amazed I could work a station 400 miles away. A real gas!"—KK7A. "Pretty good for a January contest."—VE2DUB.

For the sane among us, mountaintopping is in winter hibernation. But who says that there aren't some hams ready for the rubber room? To wit, KF6CU operating from Mt Diablo queried: "Great weather for mountaintopping! Where was everyone?" And NY7C: "Had fun working QRP portable!" Meanwhile the hearty boys at WA6PWW operating from Pacheco Peak found out the hard way that "during the winter months poison oak plants bear no leaves but nevertheless retain their toxins." Scratch! Tenacious grid-hopper KB0ZQ noted from EN24, EN34 and EN35: "Pasta salad, a blinding snow storm, 4-wheel drive, portable Ø on 2 meters; it just doesn't get any better than this."

In the single-op competition, concentrating on 2 meters seemed to pay off for Roger, K2SMN, as he edged out perennial winner WA3AXV by only 4k points. Roger neglected 6 meters to concentrate on 144, while Ron put in a more balanced effort, but was unable to match Roger's superlative 2-meter effort. On UHF, it was a Mexican standoff between these two fine ops with great stations, although K2SMN's super 1296-MHz score

may have been the difference. The nature of this contest tends to make the top-ten box an all-East who's who. The score listings tell the whole story of where the geographical competition really takes place.

In the multiop category, who else but N2 Sugar Baby, utilizing the super WC2K (ex-WB2NPE) station? Great score, guys! Perennial bridesmaid WA2OMY topped 250k with only three ops, while WA0TKJ and VE3LNX still made the top ten even though somewhat removed from the dense population centers.

The petrol that has traditionally fueled activity in the Sweeps is the club competition. No surprises here as the Mt Airy Pack Rats, Delaware Valley VHF Society and Murgas ARC swept to first-place finishes in the unlimited, medium and local club categories respectively. Some very good club efforts should also be recognized however: the Rochester groups (all of 'em), Hampden County, South Jersey, Warminster, Suburban, Crystal, Wheaton and Six Meter Club of Chicago—just to name a few. "Eyes (no, make that Yagis) right" as we salute all the clubs that made the 1988 VHF Sweepstakes another successful contest.

As always, the Contest Desk is pleased to produce the QSO- and multiplier-leader boxes by band, which always prove to be interesting reading in preparation for the remainder of the 1988 VHF contest season. Don't miss it!—WIXX

SOAPBOX

Enjoyed the test very much; this was my first official entry. I can't wait until June! (NA1S). Expedition failure, no one looks in the ocean (KB1QV). Happy to work W2s and W3s with only 10 watts and a 4-el Yagi (ADIC). I only had time for a couple of hours this year, but enjoyed it anyway (K1KA). I finally put my best foot forward and it paid off. 400 watts from my AM-6154 made the difference (WA1NIE). Four grids off the moon! (KA1ONV). Enjoyed the



A little antenna work is good for the soul, at least that appears to be the opinion of the WA6PWW multiop gang.

Multiplier Leaders By Band

Single Operator

50 MHz	144 MHz	220 MHz	432 MHz	902 MHz	1296 MHz
WA1OUB	42	KA8IFC	63	WA2FGK/3	K2TXB
WA8BB	42	WA8MZQ	63	(K2LNS,op)	K2SMN
W8UC/9	41	W8ULC	57	WB9MSV	17
W2DRZ	39	W2DRZ	53	WD8ISK	16
KSUR	36	KE8FD	53	WA2FGK/3	K2JWE
WA2FGK/3	(K2LNS,op)	WA3HMK	50	N2WK	14
WD8ISK	35	WA4VVW	49	WB3YO	13
W3WFM	33	WD8ISK	48	WA2FGK/3	(K2LNS,op)
K1RZ	30	KSUR	46	W1RIL	12
WB8IGY	30	KC3CL	46	WA2FGK/3	K2OWR
KC3CL	30	K9NXH	45	(K2LNS,op)	KD5RO/2
W5FF	30	VE3VAL	45	WB8ZW	11
W3IPM	30	WA3FYJ	44	WA2FGK/3	N2WK
K2OWR	29	WB9MSV	44	KT2B	10
WA3AXV	28	N3EAX	44	WB2YEH	10
KB3QNM	27	WA3FAE	44	AB1U	10
K4LHB	26	WA2FGK/3	(K2LNS,op)	W2DRZ	10
WA3FYJ	26	K2SMN	42	WA3UF	10
WA1VRH	26	K2TXB	42	WA1MBA	10
W2CNS	26			WA1JOF	10

Multiplier Leaders By Band

Multioperator

50 MHz	144 MHz	220 MHz	432 MHz	902 MHz	1296 MHz
WA0TKJ	63	WA0TKJ	68	N2SB	9
N2SB	48	WB8IFP	63	WB3CZG	21
W2SZ	42	N2SB	60	WB3KWH	17
WB8BI	36	WB3CZG	52	WB3KWH	17
WA8DCB	36	VE3LNX	50	VE3LNX	13
WB8IFP	36	W3KWH	45	WA2OMY	12
W1NY	35	WA2OMY	44	WA2OMY	12
WA2OMY	34	KV8S	44	WA2OMY	12
W3KWH	34	W2SZ	43	WB2PSI	11
WB3CZG	31	WB3LJK	43	W1XX	11
N2EOC	31	NR8S	42	WB3LJK	11
NV2D	30	N4VC	40	WB2JHG	9
KA8MRI/9	29	WB2PSI	38	WB2PSI	9
WB2PSI	25	WC2F	36	VE3LNX	8
N2TW	25	KA1ZE	36	KA1ZE	7
W1XX	24	W1NY	35	N6KV/6	7
VE3LNX	24	KA8MRI/9	35	(DM03)	7
K1TR	24	N1FJV	35	WB9EEA	7
W3KKN	23	K3OM	34	WB2JHG	7
WA8DQR	23	WB9EEA	34	W6YLZ	7

brief lively action in WMA (W1KK). I couldn't find anyone to work 2304 MHz (KH6CP/1). Not too bad...but a real let down from 6 m VUCC in one weekend in the June contest (N1ABY). Better luck next year! (KA1CV). Quiet conditions on 6m, but lots of new calls (N1BZF). Made it through till ½ hour before the end of the contest and then gave up!—the old brain had had enough (NI1W). Lots of easy-to-work grids were missing this time (WA1HYN). Conditions not that great from Vermont making it a slow contest for me. CU in the next one! (K1LPS). A 5/8 whip on a mag mount sticking to a juice can top nailed to a board hung out of a 2nd floor window with connecting coax to my 2-meter H/T allowed me to more than double my 1987 score (N1EIZ). Waited till Saturday AM for wind, low temperatures and snow flurries to come so we could put up 2-meter Yagi. It's the only way to be sure it works good (WA2FUZ). With a sore throat I couldn't do much voice work, but had a great time on CW. I got my furthest DX yet on 2 meters EN91. I was just thrilled to hear that "8" call (KG2H). I really enjoyed the contest until my preamp relay became intermittent! Looking forward to the June contest (N2GHR). My personal observation seems to show that a lot of 3s and 4s had their antennas pointed to the west. They didn't rotate them much to the northeast (WB2CUY). This was more exciting than being at a football game! Even the spouse left me alone! (N2HPJ). Trying to get NN2T to brave the bugs and heat with me in June and finally go portable after three years of running the summer test from the home shack. How 'bout it Butch? (KA2IVS). Sunday eve, prime time—TV won! Where has 144.1 CW gone? (K2GK). My most exciting moment was when the plate transformer of my rig shorted and burst into flames. I bet nobody else had any trouble since Murphy was full-time at my QTH! (N3AHF). My first contact on 432. I put up a temporary antenna

so I could check out the transceiver before the warranty ran out. I hoped the contest would give me the chance to work a couple of loud locals. To my surprise, I worked 25 QSOs in 7 grids with a 410B at 4 feet in the spare bedroom (K4BNC). New QTH, new call, new op (XYL), all went well (WC2F). Thank goodness the snowstorm waited until Monday! Lots of activity, no propagation surprises though (K2SMN). Too much line noise (K3ZO). Tough on the receiver front end, being between W3IP and K3IVO (K3YDX). Good party—even though conditions on 6 meters relatively poor, activity on both 6 and 2 meters was very high! (W3HDH). Not bad for a "winter" VHF/UHF contest (KB3PD). Next year a beam! (N3FJQ). Shack temperatures hovering around 38 degrees Fahrenheit didn't stop me from enjoying my 29th VHF SS (K3KEL). Dear Santa, now I know what I should have asked for for Christmas! (NI3J). Worked the contest from my car—TR751 sitting on dashboard and my antenna and mast tied to the side of the carport. This was my first VHF contest worked (KC3ZG). First real try at 6-meter SSB, 10 watts. I had a ball, CU in June (N3FMQ). Flat conditions, but plenty of participants (WA3FAE). Not great, but better than last year (WA4JNE). Conditions weren't very good. I heard a few meteor pings on, I might try a few skeds next year. Still had fun! (WD4AHZ). Where were the CW stations on 6 and 2 meters? (K4SC). Can't wait till June (KK4NZ). Forced to QRT early, due to power-line noise (KNSS). 1½ Qs per hour on 432, not bad, right? (WB5ZDP). Conditions weren't too good, but still beat last year's score! (KSUR). Enjoyed the rise in 902-MHz activity; regretted the drop in 3456-MHz activity (WA5VJB). Sadly: I learned of the tragic death of N5UA shortly after the contest. We shall all miss Dennis here in North Texas.... (K9MK/5). 220 would not work! I did get 2 new Novices to help with logging. I may get pushed out

of the way in the future (W5NZS). Lowest score ever! (WB2ODH/6). Not much of a score, but I had a good time. This is my first VHF SS in several years, so I was quite rusty, to say the least (WA6EXV). Where have all the UHFers gone? It was very quiet above 2 meters (WB7PEK). It was better than the September contest, but not much (KC7IJ). Good turnout for a January contest! (WA7VHW). It was like pulling teeth to get a QSO, where was everyone? (KC3CL). I got my new call 10 minutes before the contest started! (WA8BB). See ya for the Spring Sprints—73 (N8IAO). Not a lot of time to operate this year but had a good time. Thanks! (N8ERM). 6 meters was dead! This year's score was, however, four times better than last! (KA8ZOK). Fair conditions but the contest ended four hours early when Murphy arrived and I lost the receive changeover relay. Once again, next time! (WA8DXG). When it was good, it was sorta good; when it was bad it was awful (N8FUJ). 23 years a ham, and this is my first VHF contest—I borrowed a rig, had limited time, there were few openings, and I had a ball! (N9JF). Kinda long...wife put me to bed before it ended—I fell asleep at the mike... (N9EVX). First VHF contest; small score—lots of fun. I'll be back! (N9GCF). Sure a lot of people running 1 kW but having receiver turned off! (KG9Z). The strain of getting one more grid as the last QSO is a fun way to wind up a sleepless weekend! (WA9VWV). Hope we get some better E-skip and tropo in June so all those new plaques don't go just to W1s, W2s and W3s! Hi! (WB9MSV). Fun, fun, fun! Not bad for January in Ø land (WA0TKJ). The contest was slow but I got a new state on 6 meters, Rhode Island... Finally! (VE3KKL). Great fun. Antennas just laying on the porch (WA2JXD/VE3). Worked many Europeans on EME who weren't aware of contest and would not send back their grid square! I had fun, though (VE4MA).

Scores

Call, score, QSOs, multipliers, bands worked (A = 50 MHz; B = 144 MHz; C = 220 MHz; D = 432 MHz; E = 902 MHz; F = 1296 MHz; G = 2.3 GHz; H = 3.4 GHz; I = 5.7 GHz; J = 10 GHz; K = 24 GHz; L = 48 GHz; M = Light).

Connecticut	WA1MBA	19,270- 261- 47-BD9E	N2HPJ	1,272- 106- 12-B	WA2URE	2,046- 169- 11-ABD	KA3EEO	12,095- 143- 59-ABC9E		
	K1SWS	15,781- 251- 43-ABCDE	WA2EUS	1,012- 40- 11-DE	WB2SUN	1,971- 176- 9-ABCD	KA3FBP	10,850- 306- 25-ABC		
	K1AKRJ	10,968- 457- 24-B	WA2YEI	464- 58- 8-AB	KD2TJ	1,926- 102- 18-ABD	WB3EPU	10,192- 334- 26-BC		
W1QK	36,501- 448- 69-ABC9D	WB1ETS	7,110- 195- 30-ABCD	Northern New Jersey						
WA1VRH	28,396- 458- 62-AB	W1CJK	4,179- 155- 21-BCD	K20WR	128,578- 834-106-ABC9E	K2J2A	1,591- 131- 11-ABD	KA3BNQ	8,736- 287- 26-BCD	
K1FO	17,958- 219- 41-D	K1MDA	3,782- 180- 19-BC	KC2PX	92,352- 646- 96-ABC9E	K2AKDA	1,392- 112- 12-ABCD	K3DMA	27,064- 271- 21-BCD	
AB1U	16,732- 185- 47-BCD9E	WB1FIP	3,344- 119- 22-ABCD	K2JWE	49,136- 441- 74-ABDE	W2WGL	1,365- 65- 21-B	K3EWZ	7,852- 302- 26-B	
KB1I	15,238- 289- 38-BCD	WB1APD	2,772- 126- 22-AB	KC2TJ	13,899- 276- 41-ABD	K2SA	1,351- 163- 7-BCD	K3QJQ	7,060- 259- 20-ABC	
K1DH	13,338- 316- 39-ABC9D	N1FGZ	2,670- 135- 15-ABCD	N3AHF	12,376- 384- 34-B	KW2T	1,304- 118- 10-AB9	N3FUJ	6,960- 280- 20-BC	
WB1BXS	11,480- 410- 28-B	W1UWX	2,160- 99- 15-BCD	WB2Q00	11,968- 374- 32-B	K2AJ	1,298- 109- 11-ABCD	K3EBZ	6,750- 250- 27-AB	
WA2TE01	9,300- 300- 31-B	W1JP	2,160- 135- 16-AB	WA2VUN	9,282- 195- 39-ABCDE	K2KWK	1,250- 116- 10-BC	W3NSI	6,699- 212- 21-BCD	
W3EP/1	6,368- 199- 32-AB	N1DOP	2,158- 134- 13-BC	K4BNC	7,918- 189- 37-ABD	WB2JSB	980- 68- 14-BC	WA3IWT	5,562- 187- 18-ABC9E	
NI1U	4,186- 155- 23-BD	WB1EHS	2,071- 109- 19-AB	WA2UDT	7,888- 182- 34-ABCD	N2EVG	945- 135- 7-AB	W3CXU	4,986- 177- 18-ABC	
WA1NLD	2,856- 168- 17-B	N1ABJ	1,932- 131- 12-BC	AK2F	7,533- 266- 27-ABC	N2BKS	846- 53- 16-B	KB3XG	7,584- 206- 32-ABC	
NA1S	2,660- 133- 20-B	WA3ECC	1,786- 94- 19-AB	N2CG	6,201- 127- 39-ABCD	WB2CHV	847- 112- 7-BCD	KY3T	4,505- 248- 17-BCD	
KH6CP/1	2,645- 72- 23-ABC9E	K1AMPS	1,504- 68- 16-ABCD	KA2IVS	5,674- 267- 22-B	W2DHV	826- 118- 7-AB	K3GAS	3,345- 167- 15-ABC	
WA1GTP	2,125- 85- 25-AB	NA1W	1,170- 106- 10-BD	WB2Y	3,870- 215- 18-ABD	WB2KEP	812- 107- 7-BCD	WA3IAC	3,341- 198- 13-BC	
NM1K	2,100- 84- 15-BCD9E	K1AMP	1,144- 74- 13-ABD	K2LME	3,806- 173- 22-B	N2GDD	565- 113- 5-B	K23X	2,986- 166- 18-B	
K1WVX	1,235- 95- 13-B	W1NLE	1,143- 127- 9-B	K2DEL	988- 76- 13-A	K2JQN	528- 79- 6-BC	KB3QI	2,700- 85- 30-ABC	
W1AW (KA1CV,op)	1,230- 83- 15-BD	W1NMQ	1,120- 64- 16-ABC	WA2UKT	63- 21- 3-B	KB2SE	404- 101- 4-B	W3CJU	2,292- 125- 12-ABC	
N1ABY	1,188- 99- 12-A	K1NWE	856- 107- 8-B	WA2UDH	352- 44- 8-AB	WB2BHUJ/3	2,125- 125- 17-B			
WB4FDT/1	572- 47- 11-BD	K1WGN	854- 61- 14-AB	K2BWK	328- 82- 4-B	K3KEL	2,024- 88- 23-B			
K1CPJ	264- 33- 4-C	K1BKE	714- 77- 6-BCD	N2J2C	325- 65- 5-B	W3ICC	1,958- 123- 11-BCF			
KJ4KB/1	102- 13- 6-BD	K1AJWG	684- 58- 8-BCD	WB2BWA	288- 72- 4-B	K3PHY	1,897- 316- 7-BC			
AC1T	96- 27- 3-BD	K1OCL	648- 54- 12-A	N2EOC (+ K2PMM, N2CEI)	210- 40- 7-B	W3HK	1,771- 103- 11-ABC			
KA1PPL	64- 32- 2-B	WA1POB	608- 78- 8-AB	WA2NFY	264- 68- 4-B	W3FEY	1,744- 109- 16-B			
W1AIM (FN31)	5- 1- 1-B	K1KPH	576- 74- 6-BD	WA2ELC	246- 62- 3-B	K3LYB	1,651- 127- 13-A			
KA1CV	1- 1- 1-B	K1JDL	444- 111- 4-B	K3NCKH	240- 60- 4-B	K3RTU	1,625- 125- 13-AB			
KA1ZE (+ AC1T, KA1s QAS,RJA,N1FJV, NA1W, NM1K, WA1PGT)	109,836- 733-108-ABC9E	K1MAL	400- 100- 4-B	WB2UN	224- 56- 4-B	N3EMQ	1,000- 100- 10-AB			
WA1WV	95,535- 713- 99-ABC9E	NC1B	390- 65- 6-BD	KA2F	222- 37- 6-B	WA3TSW	1,408- 113- 8-BC			
WB1BCG (KA1s PFP,RDX,KC1s FR,FT,N1s CWD,DFR,DIO,WA1TU,ops)	8,330- 205- 34-ABD	WA1JUU	376- 47- 8-B	W2PHT	212- 53- 4-B	K3VYMM	1,386- 139- 7-ABC			
Eastern Massachusetts									W3RBU	1,331- 121- 11-B
W1JR	67,122- 416- 99-ABC9Ef	N1JE	171- 55- 3-BD	KC2JW	195- 65- 3-B	WA3IMT	680- 60- 11-AB			
WA1JOF	27,690- 244- 65-ABC9Ef	N1EIZ	134- 67- 2-B	W2HG	192- 48- 4-B	KU3V	1,140- 81- 12-BC			
WB1FKF	20,087- 204- 53-ABC9Ef	W1KX	123- 32- 3-BD	NX2E	177- 59- 3-B	WA3TEM	1,008- 141- 8-BC			
K1ADHO	8,684- 152- 38-ABCDE	KB1AZ	116- 58- 2-B	WB2NOJ	153- 51- 3-B	N3EMQ	1,000- 100- 10-AB			
K1XC1	8,399- 179- 37-ABC	K1ONV	96- 24- 2-C	K2J2P	141- 47- 3-B	W3AWA	980- 88- 10-ABC			
K1TQ	3,927- 94- 33-ABC	K1ARJB	81- 27- 3-B	K2GAL	57,332- 448- 87-ABC9E	K3CGQ	960- 98- 10-B			
W1GXT	3,240- 87- 24-ABC	NC1W	58- 29- 2-B	W2Eif	47,275- 421- 61-ABC9Ef	K2C2U	140- 35- 4-B			
K1VZI	2,320- 100- 16-ABCDE	WA1EFY	52- 26- 2-B	K2JLJ	57- 19- 3-B	N3ELS	920- 184- 5-B			
K1DAT	1,800- 120- 15-A	K1AMEW	30- 10- 3-B	K2APJN	40- 10- 2-C	W3GJC	844- 146- 4-BC			
W1FMP	1,332- 60- 18-ABD	WA1PGT	24- 6- 2-D	K2AJV	36- 12- 3-B	WA3NBS	840- 105- 8-AB			
W1AX	1,312- 82- 16-AB	W1AIM	(FN32) 8- 4- 2-B	WB2VLA	8,866- 188- 31-ABCDE	WB2PSI (K2s MP,OEQ,KD2OM,K2CP,N2s FZJ, AJK,AJY,AJX,EZY,W2s AV,IMO,W2s BVP,ZKD,ZQN,WB2s KAO,QCC,W3AVRE, ops)	833- 49- 17-B			
N1BZF	693- 63- 11-AB	KAC1Ds	7- 7- 1-B	W2PAU	5,060- 214- 22-ABCD	AJ,AKJ,AJY,AJX,EZY,W2s AV,IMO,W2s BVP,ZKD,ZQN,WB2s KAO,QCC,W3AVRE, ops)	752- 130- 4-BC			
W1YLV	680- 66- 10-B	W1NY (AC1T, K1s TOL,WHS,KA1HK,TN1s AEH,DPM,NC1W,K1WKK,WA1ECR,UQC, K0ZK,ops)	208,917-1078-139-ABCDE	N2FY	23,782- 365- 47-ABC	KD3DI	742- 106- 7-B			
AD1C	296- 37- 8-B	K1TQ	58- 29- 2-B	K2AJKI	21,836- 284- 53-ABCDE	N2TWH (+ AF2K, K2P2O, KB2SE)	720- 66- 9-BC			
K1CHY	225- 24- 9-ABC	WA1EFY	52- 26- 2-B	K2JLJ	15,741- 477- 33-B	K3ARR	697- 41- 17-A			
KB1QV (+WA1SKQ, WB1GZK)	928- 51- 16-BD	K1AMEW	30- 10- 3-B	WA20NK	11,966- 326- 31-BD	N2TWH (+ AF2K, K2P2O, KB2SE)	37,050- 406- 78-ABC			
Maine									W3HMU	676- 97- 4-AC
W3HOT	8,820- 158- 45-ABDE	WA2ALV	2,578- 67- 23-ABD	W2EA	10,362- 258- 33-ABD	N2AO (+ WB2EY, WB3JSU)	680- 60- 11-AB			
WA1TRE	3,276- 115- 26-ABC	W1AIM	(FN32) 8- 4- 2-B	KC2J	8,866- 188- 31-ABCDE	WB2BHUJ/3	616- 69- 8-ABC			
KA1ZX	3,051- 107- 27-ABC	KAC1Ds	7- 7- 1-B	WB2BVA	5,439- 182- 21-ABCD	K3AHF	535- 72- 5-BCD			
WA1AYT	2,682- 149- 18-B	WA2BFAU	8,106- 175- 42-ABCD	W2EKB	5,060- 214- 22-ABCD	WB3EY	535- 72- 5-BC			
K1RSA	1,512- 50- 21-ABD	WA2FUZ	8,073- 207- 39-AB	N2FZ	24,846- 255- 47-ABC	WB3KNU	535- 72- 5-BC			
N1BUG	1,512- 71- 21-ABC	WA2MPJ	6,699- 231- 29-B	N2DJY	78- 39- 2-B	WA3NCF	535- 72- 5-BC			
N1DVR	602- 43- 14-B	N2EK	5,200- 200- 26-B	WA2RHJ	70- 14- 5-A	WB3EY	535- 72- 5-BC			
K1OYB	152- 14- 8-ABC	WA2ALV	2,578- 67- 23-ABD	K2KFO	700- 100- 7-B	WA3QCF	535- 72- 5-BC			
New Hampshire									WB3ZGJ (+ WA1MK, K3MKZ, N3AVC, WA3YON, WB3FYT)	288- 18- 2-F
WA1OUB	50,840- 521- 82-ABE	K2DIX	2,244- 126- 17-BD	W2FFU	616- 50- 11-BD	WA3T	617- 171- 27-AB			
NI1W	25,429- 295- 59-ABC9E	WB2ROV	8,697- 203- 39-ABCD	W2GBB	612- 121- 4-B	K2D	617- 174- 32-1 ABCD9			
AC1J	24,304- 335- 56-ABCDE	K2G2H	1,540- 70- 22-B	N2FZ	610- 61- 10-B	K3C9H	535- 72- 5-BC			
WA1YHO	20,696- 312- 52-ABC9D	WA2RUW	1,330- 55- 19-BC	WB2RXM	368- 67- 4-BC	WB3EY	535- 72- 5-BC			
AF1T	6,786- 124- 39-ABC9D	WA2FZU	8,073- 207- 39-AB	N2DQY	78- 39- 2-B	WA3QCF	535- 72- 5-BC			
W1ENE	4,301- 187- 23-B	WA2WF	1,170- 65- 18-B	WA2FZU	78- 39- 2-B	WB3EY	535- 72- 5-BC			
K1A1OKL	4,176- 174- 24-B	WA2EHI	976- 51- 16-BD	N2DQY	78- 39- 2-B	WA3QCF	535- 72- 5-BC			
K1KA	1,684- 104- 16-B	N2H1G	354- 45- 6-BCD	WA2FH	78- 39- 2-B	WB3EY	535- 72- 5-BC			
W1NSM	1,635- 105- 15-ABD	K2AUQJ	264- 39- 6-BCD	WA2FZU	58,014- 434- 66-ABC9Ef	WA3RCA (N2X3Ls, NG2R,ops)	1,060- 104- 10-ABD			
WA1NIE	1,530- 102- 15-AB	K2ATGQ	252- 30- 6-BCD	WA2FWZ	1,704- 142- 12-B	WB3EY	1,060- 104- 10-ABD			
W1BDC	780- 65- 12-AB	WA2FWZ	120- 30- 4-B	K2DKY	46- 23- 2-B	WB3EY	1,060- 104- 10-ABD			
KA1LMR	484- 37- 11-ABC	WA2KFS	46- 23- 2-B	W2GGB	612- 121- 4-B	WB3EY	1,060- 104- 10-ABD			
WA1HZN	450- 50- 9-B	K2DTY	46- 16- 2-BC	N2FZ	610- 61- 10-B	WB3EY	1,060- 104- 10-ABD			
N1DYL	396- 34- 11-BD	N2HOA	24- 5- 3-BCD	WB2JLJ	21,030- 526- 124-ABC9Ef	WB3EY	1,060- 104- 10-ABD			
N1DSY	360- 40- 8-B	N2HNY	24- 5- 3-BCD	K2OS	64,741- 356- 101-ABC9Ef	WB3EY	1,060- 104- 10-ABD			
KC1HH	238- 34- 7-B	WA2HJG	24- 5- 3-BCD	N2DQY	27,001- 363- 67-ABCD	WB3EY	1,060- 104- 10-ABD			
N1FJF	1- 1- 1-B	K2B2EP	4- 2- 1-C	WA2BPE	20,284- 365- 66-ABCDE	WB3EY	1,060- 104- 10-ABD			
K1TR (+K1s AR,B,DA,G, N1s AFQ,BEM, WA1s ONB,PB,KA2W,KA2W,KA2W,KA2W,ops)	118,473- 847-101-ABC9D9E	K2BDQW	4- 2- 1-C	WA2BPE	20,284- 365- 66-ABCDE	WB3EY	1,060- 104- 10-ABD			
WB1GZK	15,781- 195- 30-ABCD	W2ZKQ	152- 105- 28-B	WA2BPE	20,284- 365- 66-ABCDE	WB3EY	1,060- 104- 10-ABD			
WB1BZK	15,781- 251- 43-ABC9E	WA2EII	152- 105- 28-B	WA2BPE	20,284- 365- 66-ABCDE	WB3EY	1,060- 104- 10-ABD			
WB1K9NN	159,443- 987-113-ABC9E	WA2EII	152- 105- 28-B	WA2BPE	20,284- 365- 66-ABCDE	WB3EY	1,060- 104- 10-ABD			
WA1Q (K1s AGA,CH,CZ,DJ,J1,PEL,K1s IHT, MO,KM1X,WA1s VEK,VPC,KA2W,KA2W,ops)	9,504- 264- 36-AB	W2ZKQ	152- 105- 28-B	WA2BPE	20,284- 365- 66-ABCDE	WB3EY	1,060- 104- 10-ABD			
Rhode Island									WB3EY	1,060- 104- 10-ABD
WA1HYN	18,336- 246- 48-BCD	WB2ZSY	7,124- 274- 26-B	WA2ELB	6,270- 107- 33-BCD9E	WB3EY	1,060- 104- 10-ABD			
WB1XX (+K1s GX,JX,N4MM,WA6IVC, KB9NN)	37,620- 419- 76-ABCDE	K2GHR	5,523- 263- 21-B	WA2EII	5,628- 228- 21-ABD	WB3EY	1,060- 104- 10-ABD			
WA1Q (K1s AGA,CH,CZ,DJ,J1,PEL,K1s IHT, MO,KM1X,WA1s VEK,VPC,KA2W,KA2W,ops)	9,504- 264- 36-AB	K2KMF	5,180- 181- 24-BCD	WA2EII	5,628- 228- 21-ABD	WB3EY	1,060- 104- 10-ABD			
WB1DPM	221- 16- 13-ABC	WA2EIO	5,125- 162- 25-BCD	W2VVG	3,456- 144- 24-AB	WB3EY	1,060- 104- 10-ABD			
WB1EVS	221- 16- 13-ABC	WB2CUY	4,140- 171- 18-BCD	WA2C9N	3,354- 129- 26-AB	WB3EY	1,060- 104- 10-ABD			
WB1COS	221- 16- 13-ABC	K2OVS	3,750- 100- 20-ABD	WA2YTM	3,250- 106- 25-ABCD	WB3EY	1,060- 104- 10-ABD			
WB1COS	221- 16- 13-ABC	WB2ZSY	3,724- 274- 26-B	K2A2NE	1,092- 403- 37-ABCD	WB3EY	1,060- 104- 10-ABD			
WB1COS	221- 16- 13-ABC	K2GK	10,230- 526- 124-ABC9Ef	WA2EII	18,642- 217- 39-CD-E	WB3EY	1,060- 104- 10-ABD			
WB1COS	221- 16- 13-ABC	K2GK	10,230- 526- 124-ABC9Ef	WA2EII	18,642- 217- 39-CD-E	WB3EY	1,060- 104- 10-ABD			
WB1COS	221- 16- 13-ABC									

W3WFM	5,214- 158- 33-A	K5TNP	476- 34- 14-B	7	KR9K	15,372- 284- 42-ABCD	K6GJX	5,640- 119- 40-ABCD
W3GN	5,148- 147- 33-ABD	Mississippi		K9MBX	14,030- 231- 46-ABDE	WA0BWE	4,736- 106- 37-BD	
W3XO	4,917- 149- 33-AB	W5RCI	4,998- 65- 51-ABCDEF	K9AFH	10,075- 262- 31-ABCD	KC9P	1,241- 70- 17-ABCD	
W3IFM	4,020- 134- 30-A	New Mexico		KL7WE	242- 11- 11-D	W9HJU	1,134- 47- 18-BD	
K53HH	2,832- 102- 24-ABD	K5MAT	2,277- 80- 23-ABCD	Arizona		KA9UZZ	846- 40- 18-BD	
W3JPT	1,420- 67- 20-ABD	N5JHV	1,196- 40- 26-ABD	K2DNR	2,373- 64- 21-ABDEI	N9CT	357- 51- 6-BD	
K3YDX	864- 72- 12-B	N5ACP	736- 35- 16-ABCD	WB7OHF (+KB7CRT)	336- 24- 12-ABCD	K9BGC	7,326- 198- 37-B	
N5FHD	792- 66- 12-B	K5SEBL	558- 28- 18-ABD	KK7A	104- 13- 6-B	K9YHB	4,872- 162- 24-ABCD	
W3LMC	693- 63- 11-B	W5XBL	492- 35- 12-ABCD	KC7IJ	20- 5- 4-A	N9BHS	72- 36- 2-B	
WB1FXX	530- 53- 10-B	N5EPA	136- 17- 8-AB	N9XA	5,143- 119- 37-ABCD	K9JAU	1,830- 142- 10-BCD	
WA3GYW	418- 38- 11-AB	KD5HP	78- 13- 6-B	KD9GJK	4,646- 186- 23-ABC	K9FWW	1,818- 101- 18-B	
N3FKV	414- 46- 9-B	KN5S	4- 2- 2-AB	N9AQ	2,700- 100- 27-B	WB0RHV	66- 33- 2-B	
KA3CXG	248- 31- 8-B	North Texas		N9FQX	2,232- 124- 18-B	KB0ZQ (EN34)	152- 17- 8-ABD	
W3MSN	133- 18- 7-ABD	W5FF	3,666- 78- 47-AB	N7FCF (+KA7WNX,NW7O,WATJUO)	637- 39- 13-BD	WA0WTV	116- 29- 4-B	
WB3LJK (+K3ONW)	88,001- 538-109-ABCD	K9MKV5	7,665- 152- 35-ABD9E	N9JF	1,260- 45- 28-B	WA0ULE	75- 25- 3-B	
K3IV0 (N2GTE,K3s TNM,YDX,K3s SKJ, SKO,WA3TID,WB3s EKH,EVS,ICL,N3DCI, WB6VGI,ops)	22,578- 341- 53-ABD	W5VJB	2,675- 42- 25-ABCD9EGIJ	K9UMG	1,200- 114- 10-ABD	N9HBS (EN34)	72- 36- 2-B	
W3PGA (K3PHH,W3s JDF,JEH,URD,ops)	5,624- 129- 37-ABD	WA1EHL/5	2,640- 92- 22-ABCD	WB9BZE	1,050- 70- 15-B	KC9Z	54- 27- 2-B	
Western Pennsylvania		A5AM	1,995- 78- 21-ABD	KE7CX	4,482- 146- 27-ABC	N9EVX	912- 76- 12-B	
WA3FYJ	39,528- 302-108-ABCD	W5ZDP	1,666- 49- 17-D	W7JXU	1,680- 76- 20-ABD	KC9TG	50- 25- 2-B	
W3DH	5,166- 123- 42-AB	WG5EE	923- 71- 13-B	N7DB	696- 54- 12-ABC	WA9AVB	896- 110- 8-ABD	
KA3LUN	4,978- 131- 38-B	KF5PE	585- 24- 13-BE	N7TC	341- 25- 11-ABCD	N9HOQ	50- 25- 2-B	
WB3AIT	792- 44- 18-A	KF5DG	516- 43- 12-B	N8TY (CN85)	200- 25- 8-B	W9BXC	640- 59- 10-BCD	
W3KJW	592- 37- 16-A	WD5ZP	168- 28- 6-A	W7UDM	189- 27- 7-AB	WA9RIJ	522- 87- 6-AB	
W3KWH (K3TP,K3A3 KSD,PBL,PCB,N3s CZZ,EOF,EOP,W3SVJ,W3As QYV,TTs, WB3EML,ops)	72,226- 378-134-ABCDEI	W5UOJ	42- 21- 2-A	N8TY (CN95)	112- 16- 7-B	K9ZWV	510- 74- 6-ABC	
4		Oklahoma		WB7PEK (+KA7ICT)	1,960- 54- 28-ABD	W9NHZ	500- 125- 4-B	
Alabama		WB5DSH	153- 17- 9-A	WB0HYV5 (EM06)	N9AGPM	731- 36- 17-ABD	KA9WU	486- 70- 6-ABC
WA4NZD	920- 37- 20-ABD	WD5AGO (+N5HWD)	7,680- 83- 48-BDE	KE7NS	507- 33- 13-ABD	WB9OHU	420- 105- 4-B	
NA4HJ	30- 10- 3-A	W5NZS (+KB5s FCE,FCH)	510- 24- 17-ABD	WB7ONP	144- 16- 8-ABD	WB9CCQ	408- 102- 4-B	
WB4YRJ	24- 8- 3-A	South Texas		WB7UP	4,374- 124- 27-ABCDEF	N9GCF	376- 63- 6-AB	
WA4VUG	12- 4- 3-B	W5HHS	5,586- 109- 42-ABD	WB7PEK (+KA7ICT)	6,800- 156- 34-ABCD	WA9QYX	372- 62- 6-AB	
WA4QLA	8- 8- 1-A	WB5OBS	2,232- 62- 24-BCDE	WB0HYV5 (EM16)	768- 23- 16-BCDEF	K9BLF	366- 53- 6-BD	
KK4NZ (+AA4YB,WA4RHK)	408- 34- 12-AB	W5AL	2,048- 52- 32-ABC	WB7RMJ	3,240- 133- 24-ABC	WB9TUF	364- 91- 4-B	
KB4PNF (+KB4s HYU,LLM,N4MRC)	156- 22- 6-ABD	W8CM	1,140- 51- 20-BD	WA7HW	1,972- 97- 17-BD	N9KPM	360- 60- 6-B	
Georgia		6		WB7ATP	234- 28- 9-B	KA9PTY	355- 65- 5-BC	
WW4T	8,256- 133- 48-ABD	W5HHS	5,586- 109- 42-ABD	W7IDZ	45- 9- 5-B	NU9B	340- 85- 4-B	
WS4F	7,350- 89- 49-ABCD9EF	WB5OBS	6,800- 156- 34-ABCD	WB7PEK (+WA7ELI)	154- 22- 7-AB	KG9Z	324- 27- 12-B	
WD4MBK	858- 33- 13-D	West Texas		WB7PEK (+WA7ELI)	154- 22- 7-AB	N9GMM	294- 49- 6-B	
Kentucky		W5AL	2,048- 52- 32-ABC	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9ZU	260- 65- 4-B	
AA4FQ	3,916- 72- 44-BD	W8CM	1,140- 51- 20-BD	WB7PEK (+WA7ELI)	154- 22- 7-AB	WA9QKQ	249- 83- 3-B	
North Carolina		6		WB7PEK (+WA7ELI)	154- 22- 7-AB	N9HBB	201- 67- 3-B	
N2CJP	2,883- 78- 31-ABCD	W5HHS	5,586- 109- 42-ABD	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9KBU (EN51)	177- 59- 3-B	
W4FSO	406- 29- 14-B	WB5OBS	6,800- 156- 34-ABCD	WB7PEK (+WA7ELI)	154- 22- 7-AB	KC9DS	162- 54- 3-B	
Northern Florida		7		WB7PEK (+WA7ELI)	154- 22- 7-AB	KA9RZG	150- 75- 2-B	
W4ODW	5,537- 75- 49-ABCD	W5HHS	5,586- 109- 42-ABD	WB7PEK (+WA7ELI)	154- 22- 7-AB	N9GQB	114- 38- 3-B	
WA4JNE	1,092- 52- 21-AB	WB6SBI	3,780- 116- 27-ABCD	WB7PEK (+WA7ELI)	154- 22- 7-AB	N9DX	45- 3- 3-B	
W4APV (+N4s KGV,KHG,WABUS,WB9OEP)	5,472- 92- 48-ABCD	W5PFE	2,166- 57- 18-ABCD9EF	WB7PEK (+WA7ELI)	154- 22- 7-AB	N9HBS (EN43)	32- 16- 2-B	
South Carolina		Michigan		WB7PEK (+WA7ELI)	154- 22- 7-AB	K9WZZ	28- 14- 2-B	
WQ4V	17,020- 136- 74-ABCD9EI	WB6SBI	2,166- 57- 18-ABCD9EF	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9KBU (EN61)	6- 1- 1-B	
KJ4BF	2,944- 64- 32-ABCD9E	W5HHS	5,586- 109- 42-ABD	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9EEA (+AA9D,N9KC)	33,880- 323- 77-ABCD9EFJ	
NB4S	2,370- 67- 30-BD	WB6SBI	2,166- 57- 18-ABCD9EF	WB7PEK (+WA7ELI)	154- 22- 7-AB	K8JFN (+WD9EXD)	7,337- 200- 29-ABCD	
Southern Florida		Los Angeles		WB7PEK (+WA7ELI)	154- 22- 7-AB	KC9BD (+N9HBB)	1,296- 108- 12-B	
WD4MGB	2,296- 82- 28-ABD	Orange		WB7PEK (+WA7ELI)	154- 22- 7-AB	N9HBS (EN43)	15- 3- 3-B	
WD4AHZ	2,024- 74- 22-BD	K6CH	11,000- 183- 40-ABDE	WB7PEK (+WA7ELI)	154- 22- 7-AB	K9WZ	8- 4- 2-B	
WB4MJE	804- 67- 12-B	K6PVJ	6,480- 107- 40-ABDE	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9ETA	5- 1- 1-B	
W4FF	684- 57- 12-B	WB9AJZ/6	5,400- 133- 24-BD	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9VG	3- 1- 1-B	
K4CF	630- 32- 14-BD	K6BY	2,001- 55- 23-ABCD	WB7PEK (+WA7ELI)	154- 22- 7-AB	N9DOS	2- 1- 1-B	
K4SC	495- 33- 15-AB	K6LMN	1,980- 56- 22-ABCD	WB7PEK (+WA7ELI)	154- 22- 7-AB	KC9RV	2- 1- 1-B	
K1FJM/4	80- 10- 8-B	K6PFW	1,440- 70- 18-ABC	WB7PEK (+WA7ELI)	154- 22- 7-AB	N8IKC	2- 1- 1-B	
K1FJM/M4	15- 5- 3-B	K1NKR (+N8IDN)	2,100- 90- 20-ABD	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9GNN	1- 1- 1-B	
Tennessee		Santa Barbara		WB7PEK (+WA7ELI)	154- 22- 7-AB	N9HZO (+KC9IP)	273- 36- 7-ABCD	
W2GU	19,068- 157- 84-ABCD	WB6SBI	42,240- 560- 48-ABCD	WB7PEK (+WA7ELI)	154- 22- 7-AB	Missouri		
WB4JGG	9,821- 146- 61-ABD	N6KV/6	(DM03) (+AF80,N6s DBS,KN, WB0XX,WABXH)	WB7PEK (+WA7ELI)	154- 22- 7-AB	K9FL	6,545- 89- 55-ABCD	
KC4YO	3,939- 101- 39-B	WB6SBI	16,484- 227- 42-ABCD9EF	WB7PEK (+WA7ELI)	154- 22- 7-AB	N9FCW	6,102- 91- 54-ABD	
K4RWP	3,354- 74- 43-ABD	N6SX (CM04)	5,400- 133- 24-BD	WB7PEK (+WA7ELI)	154- 22- 7-AB	KA9GGI	4,140- 90- 46-AB	
WA4QYK	1,953- 54- 31-ABCD	N6SX (+KB6JV)	4- 2- 2-AB	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9JRP	2,541- 60- 33-ABCD	
N4VC (+WB4KNF)	20,070- 183- 90-ABCD	WB6SBI	663- 37- 17-ABCD	WB7PEK (+WA7ELI)	154- 22- 7-AB	Nebraska		
Virginia		Santa Clara Valley		WB7PEK (+WA7ELI)	154- 22- 7-AB	N9VGE	22,074- 221- 78-ABCD	
K2UOP/4	42,662- 338- 83-ABCD	K6LY	3,078- 89- 27-ABCD	WB7PEK (+WA7ELI)	154- 22- 7-AB	N9VGP	20,114- 182- 89-ABCD	
K4LHB	27,225- 248- 75-ABCD	W8RXQ	2,210- 55- 26-ABCD	WB7PEK (+WA7ELI)	154- 22- 7-AB	KA9HKL	3,503- 113- 31-B	
N4RA	16,182- 223- 58-ABCD	KF6CU	636- 23- 12-BD	WB7PEK (+WA7ELI)	154- 22- 7-AB	N9KSL	1,850- 68- 25-ABD	
WB4DBB	12,096- 158- 63-ABCD9E	WB6VYH	333- 37- 9-A	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9YCV	986- 42- 21-BD	
K4QIF	9,548- 109- 44-BDE	K6BING	100- 20- 5-A	WB7PEK (+WA7ELI)	154- 22- 7-AB	WA9OKB	836- 44- 19-ABD	
W4DO	5,928- 131- 38-ABD	K6XO	28- 14- 2-B	WB7PEK (+WA7ELI)	154- 22- 7-AB	WA1UJU/9	660- 44- 15-B	
K4FTO	3,294- 100- 27-ABD	WA6PWW (+KA6YRK,KB8ATT,KD8FO,W8NJR, MRQ,W,ZQZ)	2,640- 181- 32-ABCD	WB7PEK (+WA7ELI)	154- 22- 7-AB	Ohio		
K4FKI	3,068- 146- 21-B	K6BOWL (+WB6s LRV,PFJ)	2,250- 102- 18-ABD	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB8DXL	1,880- 77- 20-ABD	
K3ICH	2,598- 80- 24-ABCD	K6YD	1,316- 45- 14-BCDIJ	WB7PEK (+WA7ELI)	154- 22- 7-AB	NK9P	1,725- 58- 23-ABD	
K9OYD/4	1,530- 45- 17-D	WB5BNH	6,132- 113- 28-BCDEF	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9KJY	982- 27- 13-DEG	
N4BG	1,000- 50- 20-B	WB8OYJ	1,316- 45- 14-BCDIJ	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9MXY	663- 34- 13-ABCD	
KE9A/4	649- 59- 11-B	K6IAH	96- 24- 4-B	WB7PEK (+WA7ELI)	154- 22- 7-AB	KESSO	248- 23- 8-ABD	
WA4SBC	512- 21- 16-ABCD	K6AMD	330- 26- 10-BI	WB7PEK (+WA7ELI)	154- 22- 7-AB	K9CL	92- 23- 4-AB	
W4KSV	252- 21- 12-B	WB7PEK (+WA7ELI)	8,874- 147- 51-ABCD	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9KEA (+N8s BRI,DVL)	624- 40- 13-ABD	
WA4MMP	40- 9- 4-ABD	WB7PEK (+WA7ELI)	104- 13- 4-D	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9JWW (EM17)	1,708- 35- 26-ABCD	
5		San Joaquin Valley		WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9JWW (EM07)	1,708- 35- 26-ABCD	
Arkansas		WB6YIY	2,530- 115- 22-AB	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9JWW (EM07)	1,708- 35- 26-ABCD	
KSUR	31,496- 192-124-ABCD	N6MQK	1,872- 72- 26-AB	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9JWW (EM18)	1,708- 35- 26-ABCD	
Louisiana		WA6EXV	945- 39- 15-BD	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9JWW (EM18)	1,708- 35- 26-ABCD	
WBSNAA	5,236- 102- 44-ABD	N6POF	440- 44- 10-B	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9JWW (EM18)	1,708- 35- 26-ABCD	
N5HVJ	2,542- 57- 31-ABCD	K6AMD	330- 26- 10-BI	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9JWW (EM18)	1,708- 35- 26-ABCD	
WB5FYZ	1,704- 71- 24-B	WB7PEK (+WA7ELI)	9- 8- 4-ABD	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9JWW (EM18)	1,708- 35- 26-ABCD	
WA5UFP	756- 36- 21-AB	WB7PEK (+WA7ELI)	104- 13- 4-D	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9JWW (EM18)	1,708- 35- 26-ABCD	
Minneapolis		WB7PEK (+WA7ELI)	104- 13- 4-D	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9JWW (EM18)	1,708- 35- 26-ABCD	
Illinois		WB7PEK (+WA7ELI)	104- 13- 4-D	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9JWW (EM18)	1,708- 35- 26-ABCD	
West Virginia		WB7PEK (+WA7ELI)	104- 13- 4-D	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9JWW (EM18)	1,708- 35- 26-ABCD	
San Francisco		WB7PEK (+WA7ELI)	104- 13- 4-D	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9JWW (EM18)	1,708- 35- 26-ABCD	
5		WB7PEK (+WA7ELI)	104- 13- 4-D	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9JWW (EM18)	1,708- 35- 26-ABCD	
Arkansas		WB7PEK (+WA7ELI)	104- 13- 4-D	WB7PEK (+WA7ELI)	154- 22- 7-AB	WB9JWW (EM18)	1,708- 35- 26-ABCD	
KSUR	31,496- 192-124-ABCD	WB7PEK (+WA7ELI)	104- 13- 4-D	WB7PEK (+WA7ELI)</td				