

Results, 1992 ARRL November Sweepstakes

When the dust settled, there were clean sweeps everywhere!

By Billy Lunt, KR1R and Warren C. Stankiewicz, NF1J
Contest Manager Assistant Contest Manager

This year was probably the easiest year in the history of the contest to make a clean sweep—working one op in each of the 77 ARRL/Canadian Sections. There was plenty of activity from all Sections and propagation was great for CW (November 7-9) and phone (November 21-23)! The total number of clean sweeps (685) was up 29% over last year's total (27% on CW and 30% on phone). The incentive programs (pins, cups, certificates and plaques) are paying off! The more people we attract to the contest, the easier it is for you to reach your goals. Although the total number of entries in the '92 Sweepstakes increased slightly (2%) over last year, the number of people working for participation pins increased 20%!

The influx of pin hunters helped pave the

way for record-breaking scores. Bill, KM9P, guest operating at N4RJ, outscored everyone with his all-time single-operator high-power CW score record of 220,836 points—nice going, Bill! He finished just ahead of Trey, WN4KKN, guest operating at N5AU, by 5k points. Trey held the old CW record, set in 1991. And this wasn't the only record that went by the wayside. There were 65 Division records shattered in the '92 contest (37 on CW and 28 on phone). Check the plaque winners box for the new records.

The Sweepstakes Plaque Program proved wildly popular in its first year. We found sponsors for many plaque categories, but still need sponsors for a few. Only plaques that have sponsors will be awarded. If you won your Division and no plaque was sponsored, contact Billy Lunt, KR1R, at ARRL HQ to see what your options are. If you can't find a sponsor to help, you still have the opportunity to sponsor it yourself.

This year's competition was probably the closest ever. The gap between winners and second-place finishers gets smaller every year. For example, in the single-operator low-power CW category, the difference between second and third was just eight QSOs, as was the difference between eighth and ninth place. In fact, almost everyone in the Top 10 boxes narrowly edged out their competitors. In a contest like Sweepstakes, where off-times and band changes can be crucial to a winning score, a successful

strategy is important.

This year's Affiliated Club Competition saw a surprise in the Unlimited Club category. The Northern California Contest Club staged an all-out effort, drawing 91 entries worth nine million points! It's great to see a West Coast club make it to the top again! It towered over the Frankford RC, winner of the previous two year's gavels. The North Texas Contest Club put forth another outstanding gavel-winning effort in the Medium Club category. The New Mexico Big River Contest Club secured top honors in the Local Club category. As the previous gavel winners, the River City Contesters, moved up to the Medium Club category this year. In all, 97 ARRL Affiliated Clubs, representing 1225 entries, took part in this year's club competition.

Top 10—CW

Single Operator, High Power

Call	Score
N4RJ (KM9P,op)	220,836
N5AU (WN4KKN,op)	215,600
WM5G (KR0Y,op)	213,906
W5WMU (K5GA,op)	209,440
N6TR/7	208,054
VE3EJ (KS2D,op)	206,822
K0RF (W8UA,op)	202,202
VE7SZ (VE7NTT,op)	202,048
K3LR	198,660
K6LL	197,736

Single Operator, Low Power

Call	Score
N5RZ	182,182
N4ZZ	173,558
K0EU	172,326
N6OP/NP2	170,696
NP4Z	166,744
W2TZ	164,312
W2GD	160,776
KY7M	159,236
KN6M/5	158,004
WC4E	157,388

Single Operator, QRP

Call	Score
W9UP (KA9FOX,op)	117,348
K0SCM	112,480
N3SL/0	110,264
K1TR	106,552
AA2U	102,904
N0AX	102,564
K0EJ	100,320
WA1GUW	96,096
K3TM	96,000
N9CQ	95,400

Single Operator, Multioperator

Call	Score
AAB	203,434
W6GO	193,424
K3UA	186,340
WD0T	185,262
W4AQL	180,424
WM4Z	172,368
AB4RU	168,872
WF5E	166,012
K2ZJ	165,550
K0WA	165,376



You can tell by the smile on the face of nine-year-old Holly, N8VUQ, that she had a great time in ARRL Sweepstakes '92.

Top 10—Phone

Single Operator, High Power

Call	Score
WMSG (KR0Y,op)	374,682
NSRZ	364,672
K6L	334,796
KI3V7	332,486
WA7NIN (N6KT,op)	326,942
N5AU (WB5VZL,op)	325,864
K4XS	323,554
K4SW (KS1G,op)	316,470
W7WA	307,076
N6UR (KR6X,op)	303,842

Single Operator, Low Power

Call	Score
VE4GV	254,870
NA5S (KE5CV,op)	248,864
KOKR	239,400
AJ9C	233,618
VE5MX	226,380
KY7M	219,296
KE5FI	218,218
K0SCM	215,840
W1FEA	211,442
AA4RX	207,130

Single Operator, QRP

Call	Score
WE9V	128,288
K5IID	125,108
K0FRP	121,296
W9NQ	117,648
VE4VV	115,654
NSNMX	100,100
K7RI (AA7FT,op)	88,208
K2YY	87,764
WA4PGM	83,622
W7YAQ	82,236

Multioperator

Call	Score
K7SS	367,906
K5RS	337,108
W6GO	336,490
W7ZR	305,690
KW8N	304,766
NJ1V	285,054
WD0T	282,590
W6UE	281,358
KF6OG	280,588
N4ZZ	267,652



He's mumbling, "Your check...not your Section...your check!" Danny, K7SS, was one of the ops at the phone multioperator station, K7SS.

Special thanks to Contest Assistant Anne Jaworski for her help preparing the results. We're looking forward to hearing from everyone again next year and are especially looking forward to meeting the newcomers! The 1993 CW SS is November 6-7 and phone SS is November 20-21.

SOAPBOX

CW

I had a good time operating QRP (WA2ASQ). When VY1JA called me on 40, I had to ask for a repeat of his call sign. It sure made my day! (N4AA). Early Sunday morning, my transmitter locked up the computer and it took two hours to recover the data (K4BAM). It's tough running low power from the Midwest, but you can't let that be an excuse. I'm glad I hung in there and kept pounding out the contacts. It's difficult to repeat a sweep from the year before and it's gratifying when you do so (AA8AV). The flu bug slowed down my rate (K0WA). I chased VY2SS all over the band before I nailed him (N0LAQ). I hadn't operated CW SS in years and just got on for a few hours to bring my code speed back up and see what multipliers could be had (KT2B). Now I know what front-end overload means! (WO3B). After having missed a clean sweep in two previous Sweepstakes, and by only one Section, it feels good to finally win my first one (WJ9B). This was the first time I ran multioperator with my newly licensed sons. I think they're hooked! (N4HB). I only worked about six hours, but it brought my code speed up to the point where I should be able to pass my 13-WPM test (N7XZB). I finally found the balance between CQing and search-and-pouncing, and ended up with a sweep three hours before the contest was over (AA1BG). I doubled last year's score and only ran five watts! I wasn't a fan of 40 meters, but that's sure changed! (KB9BAI). This was my first try at QRP—it was fun! (NY3C). This was my second CW SS and I did a little better than last year. It was still a lot of fun (WD9CIR). 80 meters was the best band this year. It was quiet, with a lot of stations on (NI9C). My keyer quit a week before the contest, so I did the entire contest with a straight key, which added to the fun (AA1DG). I used a backpack QRP rig in a Maine woods hunting camp. I worked 35 states and had a great time (AA1DL). The long exchange in Sweepstakes makes it a great way to improve CW proficiency. I can't understand why people don't want to go on expeditions to VE8 in November! (AA2DY). I came so close to the sweep, but missed four Sections. Where did the NLI guys hide? I searched, but couldn't

Sweepstakes for All!

Sweepstakes has a long-running history of being a genuinely fun event, where people with average stations can be earnestly competitive. You don't need the monster-antenna arrays associated with worldwide competitions. With a simple tribander or dipoles, you can get in on the action. Also, whatever your fancy, there's an entry category that fits you and your station. There are three power-output classes single ops can enter: QRP, low power and high power. All that's left to do, if you haven't tried Sweepstakes yet, is to give it a whirl next time around. Before you know it, you'll be having the time of your life!

Sweepstakes is often thought of as a single event, but it's actually two contests—CW and phone. Sweepstakes is open to everyone operating in an ARRL or Canadian Section. The exchange is in a message format, making it a bit more challenging to copy correctly, but not so difficult that it becomes work. Sweepstakes offers excellent practice for honing your copying and operating skills. Multipliers in the contest are ARRL and Canadian Sections—a total of 77. You can only work a station once during the contest, while trying to work as many different stations as possible in as many ARRL Sections as you can. This makes it easier to keep track of duplicate contacts and multipliers that are still needed. A simple dupe sheet and multiplier cross-off sheet will suffice.

Sweepstakes is not only fun to participate in, but there are contest awards you can earn: participation pins, clean-sweep cups, certificates and plaques. If you make a minimum of 100 contacts during the CW or the phone contest, you're eligible to order a participation pin (or one each for CW and phone, if you qualify). Many people do that. Their goal is merely to complete the required 100 QSOs for a participation pin, although others carry it further and try to make contacts in all 77 Sections. This is called a "clean sweep." If you accomplish the clean sweep, you're eligible to order a clean sweep cup. For these awards, you know at the end of the contest that you've "made the mark" and without doubt, will have your award in hand as soon as the results are published in *QST*. It's gratifying to know that you've qualified for your awards! The other awards—certificates and plaques—are a bit more unpredictable. The only real way of knowing the outcome is to wait for the published results and see how you stacked up against competition in your entry category.

pounce them (KP4DDB). I knew I was due for a break when my screensaver cut in (WC5D). Using computer logging solved a host of old problems, but introduced new ones—two hours into the contest is no time to find that operating on 40 meters completely trashes the computer! (KT2E). I wish I had more time to operate (WR3E). This was my first contest using a memory keyer—what a difference! It was also the first time I had a QSO rate I'm willing to talk about (N4JE0). I found conditions great on all the bands for QRP (AA0EN). Wow! I did it—I finally broke the 100-QSO barrier and earned a pin (AD4F). I never heard VE8/VY1, which makes me appreciate last year's sweep even more (AB6FO). Sweepstakes is the best contest going. The award incentives have really helped participation. I'm still negotiating with my wife for some way to work all 24 hours next year (N9JF). I had to work to obtain the contacts I made. The band conditions were great! (WA3GYW). I thought the weekend was a bust until my last Section called in. This was my first clean sweep on CW! (KS1G). I used a new computer, new software, a new antenna and a new strategy—only to make four more QSOs than last year (KN9H). For the first time, I broke 700 QSOs and 100k with low power and my all-band vertical. By the way, what's the Q-signal for "Stand by, my computer just crashed"? (KB4HZ). This was my third SS and I had fun. I just wish I had more time to operate! (KB5HRS). This was my first sweep with QRP, and the last Section called me! (K6ZH). It was a fun contest and conditions were great (KD2I). I was scared green at first, but I settled down after a while. I thank those who slowed down for me. I was disappointed to miss the 100-QSO mark (AA2IO). I made antenna changes this year that helped a lot (WD9IAB). This was the second year I entered Sweepstakes and I had the most fun ever. I still haven't worked a clean sweep, but now I have something to shoot for next year (AJ0I). I was pleased to work so many Sections; maybe next year I'll get that coffee mug! (KA1JAN). I found that QRP operating is difficult and quite different from running other power levels (KR2J). The top-scoring stations on CW had SSB-sized totals (K2ZJ). In spite of condo restrictions, I managed to work 70 Sections with attic antennas (K8SJP). I was disappointed to miss VE8, but I can't do anything about it now (K0EJ). I did better than I thought and picked up 14 new states on 80 meters (WZ9J). It was enjoyable using QRP during SS. The big payoff was working Alaska with three watts! (K8HJI). The difficulty of pulling in the QRP signals is reminiscent of the 10-watt JAs in the DX contest (K0BJ). By the end of the contest, even though I had taken a couple of breaks, I was spaced out! (VY1JA). The 3-element 40-meter Yagi destructed, so I used wire antennas this year (WN4KKN). This was my first clean sweep—what a great feeling to squeeze out that last multiplier (NS2K). All I needed for the sweep was VE4, and then VE4 called me to chat—five minutes after the contest! (AA1K). This was my first SS with my Extra Class license—it sure improved my score (WA6KUI). The slow-speed segments were great,



No, this wasn't the World Series, but making a clean sweep felt as good as winning it. The last Section multiop NN2V needed was Yukon and the brooms were flying when they worked it! Here are Scott, NN2V (l), and Gary, NO2X.

ARRL November Sweepstakes Plaque Winners

Listed below are all of the plaque category winners. Only plaques with sponsors will be awarded. If you've won a plaque category without a sponsor, call ARRL HQ for your options. An asterisk (*) before a call sign indicates a new Division record.

Category	Winner	Donor	Category	Winner	Donor
Overall			Northwestern Division		
High Power CW	*N4RJ (KM9P, op)	WN4KKN and W0UA	High Power CW	*N6TR/7	Ken Kopp, K0PP
Low Power CW	N5RZ	Kenwood Employees ARC, WD6DJY	Low Power CW	*K07I	Ken Kopp, K0PP
QRP CW	*W9UP (KA9FOX, op)	Kenwood Employees ARC, WD6DJY	QRP CW	N0AX	Northwest QRP Club
Multioperator CW	*AA5B	Kenwood Employees ARC, WD6DJY	Multioperator CW	N7ENU	
High Power Phone	*WMSG (KR0Y, op)	Kenwood Employees ARC, WD6DJY	High Power Phone	W7WA	Willamette Valley DX Club
Low Power Phone	*VE4GV	Kenwood Employees ARC, WD6DJY	Low Power Phone	K7KJM	
QRP Phone	*WE9V	Kenwood Employees ARC, WD6DJY	QRP Phone	K7RI (AA7FT, op)	Antenna Resources-K7LXC
Multioperator Phone	*K7SS	Kenwood Employees ARC, WD6DJY	Multioperator Phone	W7ZR	
Atlantic Division			Pacific Division		
High Power CW	K3LR	North Coast Contesters	High Power CW	*N6UR (KR6X, op)	Pat Bacon, WA7NIN
Low Power CW	*W2TZ	Southern Maryland ARC	Low Power CW	*W1FEA	Robert Wilson, N6TV
QRP CW	*K3TM	K3HW, In Memory of Harry Stein, W3CL	QRP CW	N6WMF	Northern Nevada DX-Contest Club
Multioperator CW	*K3UA	Murgas ARC	Multioperator CW	*W6GO	Pat Bacon, WA7NIN
High Power Phone	K3ZO	North Coast Contesters	High Power Phone	K12V/7	Pat Bacon, WA7NIN
Low Power Phone	K3MQH	Bob Penneys, WN3K	Low Power Phone	W1FEA	
QRP Phone	*K2YY	Anne Arundel Radio Club	QRP Phone	*W5NQ	Northern Nevada DX-Contest Club
Multioperator Phone	*K3WW	Mark Sickmeyer, KB3GJ, Memorial	Multioperator Phone	*W6GO	Pat Bacon, WA7NIN
Central Division			Roanoke Division		
High Power CW	*W9RE	Hoosier Contesters	High Power CW	K4PQL	Tyssen Becker, KB8FJ
Low Power CW	K4XU	Society of Midwest Contesters	Low Power CW	*N4AA	
QRP CW	K9ZO	Randy Rand, AA2U	QRP CW	*K0EJ	
Multioperator CW	K59O		Multioperator CW	NJ4F	
High Power Phone	*W9UP (N0BSH, op)	Madison DX Club	High Power Phone	K0EJ	
Low Power Phone	*AJ9C	Society of Midwest Contesters	Low Power Phone	*W4MYA	
QRP Phone	N9NE	Society of Midwest Contesters	QRP Phone	*WA4PGM	
Multioperator Phone	N9QX	Calumet Amateur Radio Enthusiasts	Multioperator Phone	KF8UM	
Dakota Division			Rocky Mountain Division		
High Power CW	K3WT	Minnesota Wireless Assn	High Power CW	K0RF (W0UA, op)	Jeff Schultz, KQ7I
Low Power CW	N0AT	Twin City FM Club	Low Power CW	*K0EU	Bob Inderbitzen, NQ1R
QRP CW	N9C1Q	Tod Olson, K0TO	QRP CW	*N3SL/0	
Multioperator CW	*WD0T	Minnesota Wireless Assn	Multioperator CW	WC7S	
High Power Phone	WB0O	Minnesota Wireless Assn	High Power Phone	KB3EI	
Low Power Phone	*K0HB	Twin City FM Club	Low Power Phone	K0KR	
QRP Phone	W0YHE	Tod Olson, K0TO	QRP Phone	K5IJD	
Multioperator Phone	WD0T	Minnesota Wireless Assn	Multioperator Phone	K9RS	
Delta Division			Southeastern Division		
High Power CW	*W5WMU (K5GA, op)	Kentucky Contest Group	High Power CW	KB0G	
Low Power CW	*N4ZZ	Tim Totten, KJ4VH	Low Power CW	*N6OP/NP2	
QRP CW	N4TG		QRP CW	KB4GID	Virgin Islands ARC
Multioperator CW	K5MC	Fist and Mouth Contest Company	Multioperator CW	*W4AQL	
High Power Phone	W5WMU		High Power Phone	K4XS	
Low Power Phone	N5PST		Low Power Phone	K4VUD	
QRP Phone	K9ES		QRP Phone	NP2E	Virgin Islands ARC
Multioperator Phone	*N4ZZ		Multioperator Phone	W4AQL	
Great Lakes Division			Southwestern Division		
High Power CW	KW8N (WD8IXE, op)	North Coast Contesters	High Power CW	K6LL	Southern California DX Club
Low Power CW	*K8CX	Mad River Radio Club	Low Power CW	KY7M	Larry Serra, N6AZE
QRP CW	*WABRUF	Bill Maxson, N4AR	QRP CW	*N7IR	
Multioperator CW	K8LX	David Smith, ND4Y	Multioperator CW	*N6VR	Warren Hill, KF7AY
High Power Phone	K8MJZ	North Coast Contesters	High Power Phone	K6LL	Southern California DX Club
Low Power Phone	*AA4RX	Mad River Radio Club	Low Power Phone	KY7M	
QRP Phone	W8ILC		QRP Phone	WA6IET	The Contest Group
Multioperator Phone	*KW8N	OH-KY-IN	Multioperator Phone	W6UE	
Hudson Division			West Gulf Division		
High Power CW	*W2RQ	John Golomb, KZ2S	High Power CW	*N5AU (WN4KKN, op)	W0GOW, W5RO Memorial
Low Power CW	*W2GD	Bill Keller, W2RQ	Low Power CW	KN6M/5	D Craig Boyer, AH9B
QRP CW	AA2U	John Crolleri, W2GD	QRP CW	KF5QR	
Multioperator CW	WA2UKP	Stuart Silverstein, K3UEI, Memorial	Multioperator CW	*WM4Z	Oklahoma Comm Center
High Power Phone	WB2K	John Hults, KF2BH	High Power Phone	N5RZ	W0GOW, W5RO Memorial
Low Power Phone	*WA2STM	Troy ARA	Low Power Phone	NA5S (KE5CV, op)	D Craig Boyer, AH9B
QRP Phone	*AA2U	K3HW, in memory of Bill Quinn, KA2VUE	QRP Phone	*NSNMX	
Multioperator Phone	WA2UKP		Multioperator Phone	*NJ1V	Oklahoma DX Assn
Midwest Division			Canada		
High Power CW	NC0P (AG9A, op)		High Power CW	*VE3EJ (K5ZD, op)	
Low Power CW	K26E		Low Power CW	VE4VV	Don Haney, KA1T
QRP CW	*K0SCM		QRP CW	VE7YU	
Multioperator CW	*K9WA	Jon K. Jones MD, NO0Y	Multioperator CW	VE3ART	
High Power Phone	KM0L		High Power Phone	*VE7SZ	
Low Power Phone	*K0SCM		Low Power Phone	VE5MX	D Craig Boyer, AH9B
QRP Phone	N0EID		QRP Phone	*VE4VV	Ionsound by W1FM
Multioperator Phone	AB0S	Suburban Radio Club of St Louis County	Multioperator Phone	*VE3XD	
New England Division					
High Power CW	*K1TO	Murphy's Marauders Contest Club			
Low Power CW	K1IU	Rich Assabarwski, K1CC			
QRP CW	*K1TR	Jim Kearmar, KR1S			
Multioperator CW	*K1RQ	Jon Neary, W1UA			
High Power Phone	*WB1GQR (WB2JSJ, op)	Ed Parsons, K1TR			
Low Power Phone	*K21M	The Naked Chicken Contest Club			
QRP Phone	*WA1LNP	Ionsound by W1FM			
Multioperator Phone	WT1L	Jon Neary, W1UA			

they had a lot of activity (N6YKL). This was my first SS in 20 years, but YU/NWT hasn't gotten any easier to work (K8JLF). I wanted to make 100 contacts, but my rusty CW skills and QRM hurt my chances (WA2LLR). This was my first CW contest, and I learned some lessons (KB2LTF). I hadn't been active for about 15 years, so it was a real surprise to hear all those "rare" call signs, only to find that they were next door! (W4PLL). I only worked three hours, but it was fun at the end when everyone needed another QSO! (K5SL). Happiness is giving out four-digit serial numbers! (KM0L). This was my first opportunity to try my new quad during contest conditions, and it was a great success (KY7M). I'd like to thank everyone who took time to make contacts with the little guys. It means more than you realize!

(N6WMF). I worked 76 Sections in the first 12 hours and didn't work VY1 until the last three minutes (NX4N). Great participation increases the fun for everybody, "big gun" and "little pistol" alike (K5GN). I wish VY1JA had called me! It probably cost me a shot at a plaque (K1TO). I just tried to work enough for the pin and I just missed the sweep! (N1HOQ). What a Sweepstakes! (AC8IO). We were resigned to 76 Sections until VY1JA called us with 13 minutes left to go (N6VO). This was my first contest and I had a blast. I guess the only way to go is to just do it (N7UOW). I worked Idaho for the sweep with six minutes left in the contest (N7LOX). It was good to see all my old friends again (W9JOO). CW SS is exhilarating! (WR1P). This was my first serious effort in Sweepstakes and it was very exciting

(WA0QOA). Where was Puerto Rico? (NA2Q). This was our best effort to date (W4AQL). Next year, the winter lawn goes in earlier or my wife goes on vacation (AA7QY). Where have all the old-timers gone? (W8LQA). There were only two real categories in this contest—those who worked YU/NWT and those who didn't (KF8QE). This was my best score ever and my first sweep in 38 years, but I didn't even come in first in my Section (N4ZR). I gave it my best shot with my new "little pistol" antennas, courtesy of Hurricane Andrew (N8RR). I certainly didn't expect to work 56 Sections with three watts and a trap vertical on the roof (VE3RHJ). I dropped down to low power and bettered my previous results (K9OSH). This was my first contest. I liked it a lot! At first I was lost, but it became a really great time

Affiliated Club Competition

Club	Score	Entries	CW Winner	Phone Winner	Club	Score	Entries	CW Winner	Phone Winner					
Unlimited Category														
Northern California Contest Club	9,086,984	91	WA7NIN (N6TV,op)	WA7NIN (N6TV,op)	New Mexico Big River Contest Club	833,448	5	—	AI9X					
Frankford Radio Club	5,476,488	70	KZ2S	WB2K	Radio Amateurs of Northern Vermont	780,434	7	WB1GQR (WB2JSJ,op)	WB1GQR					
Yankee Clipper Contest Club	4,351,430	52	K1DG (WZ1R,op)	N6BV/1	Lincoln ARC	772,002	9	K0SCM	K0SCM					
Medium Category														
North Texas Contest Club	6,292,620	40	N5AU (WN4KKN,op)	WM5G (KRØY,op)	Hoosier Contesters (HICKS)	604,188	9	W9RE	WR9R					
Southern California Contest Club	5,164,906	48	K6LL	K6LL	Federation of Amateur Radio Operators	555,470	8	K9BGL	K9BGL					
Society of Midwest Contesters	4,291,022	47	KE9I	AJ9C	Central Arizona DX Assn	498,100	7	W7ZMD	WA7LNW					
Minnesota Wireless Assn	4,056,734	42	W0AIIH (KA9FOX,op)	W9UP (N0BSH,op)	*Providence Radio Assn	444,322	6	K1MD	W1OP (K1PLX,op)					
Mad River Radio Club	3,810,532	37	KW8N (WD8IXE,op)	K8BMJ	Northrop Radio Club	393,270	5	K0NW	K6BVE					
North Coast Contesters	3,124,736	33	VE3EJ (K5ZD,op)	K8AZ	*Virgin Islands ARC	367,058	6	KP2N	NP2E					
Pelomac Valley Radio Club	3,108,400	47	K2ZO	K3ZO	Valley Radio Club of Eugene	362,780	5	K7DBV	A17W					
Kentucky Contest Group	3,091,102	34	AA4RX	AA4RX	Rowan ARS	352,496	7	N4QY	N4QY					
Murphy's Marauders	2,693,534	25	K1TO	K1KI	Naked Chicken Contest Club	348,978	8	K4JKB	K4JKB					
Left Coast Contest Club	2,629,218	24	W7WVA	W7WVA	*Sterling Park ARC	317,080	10	AA2U	NK5I					
River City Contesters	1,992,380	11	AA6WJ	AA6WJ	ZYGO ARC	305,992	5	W1ECH	NX1Q					
Texas DX Society	1,567,120	13	W5WMMU (K5GA,op)	KE5FI	*Utah Contest Club	301,052	3	K6XO/7	K6XO/7					
*Mile-Hi DX Assn	1,455,938	16	K0EÜ	K0EÜ	Sturdy Memorial Hospital ARC	270,988	9	WZ1K	KD1KZ					
*Southeastern DX Club	1,390,228	11	N4RJ (KM9P,op)	AB4OH	Overlook Mountain ARC	241,820	6	N2MFZ	KY2J					
*Cascade Contest Club	1,349,326	12	N6TR/7	A17B	*Kettle Moraine Radio Amateurs	238,360	6	K9OSH	K9OSH					
Rochester (NY) DX Assn	1,271,382	23	W2TPF	W2TPF	Florida West Coast DX Ring	210,714	3	WC4E	WW1N					
Livingston ARK	1,186,548	22	KW8G	N8NVT	*Tri-City ARC	210,094	10	KQ1O	N1HRA					
Salt City DX Assn	1,093,596	12	K2KIR	K2ZJ (WA2LCC,op)	*North Florida ARS	208,740	3	NU4Y	N4UF					
Motor City Radio Club	1,067,978	40	K8SB	K8SB	*Murgas ARC	191,546	5	W3DZH	WB3FAA					
*Kansas City DX Club	1,065,000	11	N0XA (K0VBU,op)	KM0I	*Lockport ARC	187,034	6	A2ET	N2MYM					
South Jersey Radio Assn	726,294	19	WA2VVA	K2YY	*SHYWHY ARC	174,184	7	N7PLJ	N7MWZ					
*Northern Nevada DXC	642,180	3	K13V/7	K13V/7	Conejo Valley ARC	174,144	8	KK6CY	WA1ITZ					
*Willamette Valley DX Club	532,170	3	K7KJM	K7KJM	Talladega RAC	163,962	9	—	AA4UF					
Troy ARA	511,818	15	WA1KKM	WA1KKM	*Woodbridge Wireless	162,232	6	WB4NFS	WB4RDV					
Eastern Iowa DX Assn	480,934	5	KF0H	N0ICI	*Kankakee Area Radio Society	155,882	4	W9HBI	W9HBI					
Western Washington DX Club	467,562	7	N7TT	WTQN	*Delaware Lehigh ARC	152,362	3	W3TDF	W3TDF					
Central Virginia Contest Club	458,908	4	W4MYA	W4MYA	Jay Hawks ARS	147,224	4	AA0FO	WT0E					
Western New York DX Assn	419,914	11	WB2ABD	WB2ABD	Utica ARC	143,910	3	NA2Q	NA2Q					
Rip Van Winkle ARS	404,046	17	N2JOH	N2JOH	Boiled Owls of New York	130,454	3	K2LE	—					
Albany ARA	393,568	6	K2POF	K2POF	OH-KY-IN ARS	118,954	3	KF4AV	N8KOJ					
*Schenectady ARA	392,980	11	K2UF	K2UF	Mt Vernon ARC	115,250	4	WB4EEA	KD4IBI					
Long Island Mobile ARC	373,002	6	K2AU	K2AU	*Nashua Area ARC	111,994	4	K2TE	K2TE					
West Park Radiops	363,968	14	W5PN	W5PN	*Highland ARA	107,756	6	NS8G	WA8KWI					
Hazel Park ARC	337,022	16	WD8S	WD8S	Blackhawk DX & Contest Club	106,400	3	K8B9IB	—					
Poughkeepsie ARC	296,840	12	W2PA	N2BZP	Metro Atlanta Telephone Pioneers ARC	104,596	4	W4QO	K4PQC					
Hamfesters Radio Club	281,838	12	W9AA (W9LNQ,op)	N9ALC	*Eastern Michigan ARC	104,064	3	WA8QJR	WA8QJR					
Ventura County ARC	281,328	3	K6VMN	K6VMN	Amoskeag RC	89,338	6	WA1RLO	K1ATL					
San Diego DX Club	270,928	3	KA5Q/6	—	Irvington Roseland Amateur Club	79,186	4	—	N2KJM					
Dauberville DX Assn	266,710	6	WE3C	KQ3V	Meriden ARC	53,448	4	K1TG	WB8IMY					
Mitre-Bedford ARC	252,362	4	W1FM	W1FM	*Tri-County ARC	47,738	4	NA4T	NA4T					
Wichita ARC	242,908	7	W0AWP	WX0U	Binghamton ARA	47,608	3	W2MTA	WS2V					
Central Michigan ARC	236,588	8	W8VPC	W8EGI	*Burlington County RC	45,382	4	K2MK	W2FGY					
Lone Star DX Assn	212,696	4	KF5QR	KF5QR	*No club roster was received.									
Gloucester Co ARC	206,322	6	AA2GQ	AA2GQ										
Western Illinois ARC	141,524	3	N9JF	N9JF										
Dixie DXers Contest Club	136,898	3	N8LM	AA4NC										
*Laurel ARC	79,076	3	KB5XI	—										
Redwood Empire DX Assn	67,054	3	KK6WS	—										
Clark Co (IN) ARC	55,114	3	W4WQD	W4WQD										

(KP4TK). I don't think my friends in Alaska were avoiding me, but I never heard anything that sounded like them (K4LTA). Conditions were fabulous on 80 and 40, but terrible on the higher bands (W3FTG). SS is getting better every year (NN5T). I could only devote a few hours to the contest, but knowing that I'd qualify for the pin made it worthwhile (W6HT). I drank my coffee out of last year's clean sweep mug, but the luck didn't transfer (W9XT). SS is the most fun contest of all! (WDØT). I still enjoy Sweepstakes after years of operating it. I was glad to be one of those who worked VY1JA for the sweep (K1IU). Does anyone know how to keep 80-meter RFI out of computers? (K14UZ). It was a fun contest, even with limited time, 100 watts and a vertical (NC6U). Thanks for the slow-speed segments; I wish more people would visit them (KE7UH). Sweepstakes remains my favorite contest and although I had little time

for operating, I made enough contacts to get the pins for the third year in a row (K8OUA). Who says kids don't like CW? (N8KUQ). I believe the award program creates a lot more activity (WBØUKI). In the beginning, I just wanted to check out the contest and see what it was like. As my QSO total went up, I got into the beat and started to think about that coffee cup (VE2UJ). The competitors were more courteous than in the recent past. It was a pleasure to be on the air (W2KVA). It took me 408 QSOs to work my own Section (KX4V). It was a rough weekend. First my computer died, then the plumbing backed up! (NQ1W). I'm not sure what it is about contests, but it seems everything requires rebuilding, tuning, repair, worry, sweat and panic just prior to the start (AA6WJ). This was my first contest. I was kind of nervous at first, but I finally got the hang of it. Next year I hope to be a real contender! (K8YWI). This was my first contest using CT to key the radio—I almost felt guilty, but as the hours rolled on, I felt relieved! (KC1XR). Using just a dipole and pencil and paper doesn't cut it, but SS is still fun (WB3X). This was my first SS in more than 32 years of hamming—I didn't try to win anything, but I had a lot of fun (K7ZX). I felt like a minnow in a sea of sharks (N7JXS). Running QRP on 80 meters is like trying to crawl across the interstate! These were the best conditions on 80 meters in years, though (NØAX). I just entered to have fun this year, but I got hooked, as always. I love this contest (N9HXG). I know that there are VE8/VY1s out there; I'll just have to dig deeper next time (N2EY). I spent almost two hours looking for Yukon, and when I found one, it was another 45 minutes before I worked him. Finally, a clean sweep on CW! I love this stuff! (NU4Y). I was pleased to work some of the "hard" Sections, such as WY, PR and VI, while running QRP (NOØY). This was the first time I used QRP in SS, the results were comparable to previous years results (N3CZB). 10 was open when the contest started and I was able to work 14 western Sections on the band (N4UZ). It's difficult to work close-in stations in SS without 160 and 80 meters. I even missed my own Section! (K4RZ).

Joanne, KB2ODK, gave the phone SS a try. She's a Novice and made 135 QSOs to qualify for a participation pin.

Phone

We had a great 10-meter opening—I could work everything on the band with QRP! (WA2ASQ). I made a sweep this weekend, after 30 years of trying (WB2ABD). I got my sweep on phone, in spite of severe thunderstorms, a tornado watch and severe static (N4AA). I made the sweep in less than seven hours, a personal record for me (KF6A). It was fun to try QRP and make the clean sweep! (W7YAQ). These were the most contacts I've ever made in a contest. I'm going to have to build a special shelf to hold my coffee mugs (AA8AV). There's nothing like having VE8SS answer your QZ with only 2½ hours to go (AF8A). I made a clean sweep for the second year in a row. It's nice to have something to work for (KB9AIT). I can see how computer logging would be nice (NØLAQ). I finally managed to work a clean sweep after 20 years of trying (VE6ATT).



Kevin, WZ4E, celebrated his 32nd birthday by operating in the '92 Phone Sweepstakes. Kevin got a clean sweep for a birthday present!

Thanks to the "clusterphiles" for the help in attaining the sweep (WF1B). I made 25 fills for 5BWAS and my score really surprised me (N3LBC). I operated in three phases: First, the pin; Second, the cup; Third, I couldn't stop! (K8MBH). This was my first time in Sweepstakes—that exchange is tough! (N9KBS). Happiness is working AK and PAC in the first 10 minutes. Ecstasy is working a sweep before 11:15 PM Saturday (K0HB). We operated as a club to introduce members to HF and contest operation. This is the third year in a row that we've done this, and the number of HF operators for other operations continues to grow (K8SCH). The main reason I got into the contest was to get a pin to go with the ones I have from years before (WB9CEP). Being one short of a clean sweep has me primed for next year's effort (N6OCT). Running 100 watts to a dipole inside my apartment means making few QSOs and having a lot of TVI! (K5ZD). We had great participation from the newer hams. The PINS program is really an incentive. This is my best score ever (W1WEF). It's amazing what 100 watts and a random wire can do (KE3EO). I was amazed to work 76 Sections with a mobile whip from my condo (KA1FMR). This is the highest score I ever remember making (AD4F). This was our first multiop effort in SS and we had a great time (AA4FF). With two hours to go, I changed my DVP's message to "CQ Sweepstakes, especially Wyoming." Only three calls later I heard, "N7MZM, where you were especially looking for!" for the sweep (AB6FO). We had great participation in a great contest. I worked four VY1/VE8s! (KA9FOX). I predict a record number of sweeps. I even worked three stations in VE8! (AA4GA). There was a lot of activity (K9BG). This was the first time I ever operated Sweepstakes and it was a blast! (KB9GMS). This was my first Sweepstakes and it was challenging to try for a clean sweep with an older rig and one antenna (KF9GQ). I didn't work San Francisco until almost the end of the contest (KI4HN). I had a ball, even after my wife told me the home pregnancy test was positive while I was in the middle of an exchange! (KD4HXT). I had a great time, even if I didn't get the sweep (N5OHL). I never heard Arkansas, and lost the clean sweep (WW0H). It was fun to be able to give a fellow ham his clean sweep, even if I couldn't work one myself (VE2HBE). I operated five hours less than last year and still made 44 more QSOs and five more Sections than last year (WA1ITZ). I never thought my clean sweep would depend on a Section I could drive to in 30 minutes (WG3I). I heard a lot of comments this year from people who weren't contestants, but wanted to get the pin. (KZ2I). We operated for the first time as a husband-and-wife team and didn't even kill each other! (AA2IZ). This was my first Sweepstakes and I enjoyed the "thrill of the chase" (KD4IBI). I had more luck than last year (W6BIP). Working VY1/VE8 with three watts on phone was the highlight of the contest (N0EID). My

Electronic Submissions

More people are submitting disk entries for the contest. A hearty thanks to you for helping make life easier for the Contest Branch. The disk data is easily read into our log-checking software, while paper entries require keystroking. If you're one of the higher-scoring finishers, your logs are going to get checked, regardless of whether they're on paper or disk. We check all entries with the same degree of scrutiny. Now the ARRL has yet another way of submitting your contest entries—electronic mail. If you have e-mail capabilities, you can send your entry to our Internet address: contest@arrl.org. We've already received a few entries via this method. Thanks! We continue to try to take the work out of submitting contest entries. It's easier for you and it saves us time. Whatever method you choose, send your entry to HQ. We measure participation and justify the program by the number of entries.

wife scheduled wallpapering for the weekend. It must be a conspiracy! (NOIJ). This was my first contest—I had a great time (N3KJO). I feel that using the *PacketCluster* removed the challenge (KD7IZ). These contests are fun and the pin is a nice idea (AB4KL). Working only the last six hours wasn't enough to get Maine! (N3KK). This was my first clean sweep, thanks to the DE, WV and Yukon ops! (K5MK). Conditions on 15 and 10 meters were great, and it sure was nice to get a call from VY1CM (W6TKV). I love the clean sweep cup idea (WA0KDS). I had a great time, even if I only operated 12 hours. This is the first time I've felt good enough about a contest to send in the log (KD4LHA). I got my General ticket on Friday and had a lot of fun for the first weekend with my new privileges (KB4LCR). This was my best SS ever, with rates up to 120/hr (KM0L). I'd have given a body part to make the sweep! (WA1MBK). Prime-time tornado warnings and thunderstorms affected my score (W5WMU). The things I'd go through for a coffee cup (W8CNL). I can't seem to compete with the western and southern states as long as they can run the big rates on 10

meters. I wonder how many stations participated because of the pins and cups, that might not have been on otherwise (KW8N). I designed and built a trap 40/80 array and noticed a red glow at each trap when I tuned up! (KJ1N). There was a lot of QRM this year. It was a tough effort to make a thousand more points than last year, but I got the sweep! (N1HOQ). My OM will need to buy his own rig if he thinks he's going to operate the contest next year (KB2ODK). This was my first SS and I loved it (KD4OOV). I guess the new 40-meter dipole helped, but 10 meters still lives. The barking terriers helped with the SSB signature (NV6O). I heard an Alaskan station, but I wasn't able to get his attention (WW8O). This was my first phone contest. It proved to be a good exercise of my new General privileges and helped me a great deal to become familiar with contesting (KB7PDL). This was a great contest for hams just getting their licenses (N8RPA). It seemed like there was much more participation this year (WN9P). I can't believe I worked a clean sweep (N0JPE). This was my first attempt at QRP in any contest. I was impressed and will consider more QRP efforts in the future (W9NQ). I was impressed with the skills I observed in many phone operators (KF8QE). This was my first clean sweep! When I worked my last Section, I felt the same excitement as when I made my first QSO as a Novice in 1957! (W2GRD). I made my first clean sweep. This is one of my greatest thrills as a ham (KK4RV). This is just a great contest (KA4RRU). This was our first contest in 12 years and we loved every minute of it (K7IR). One of life's greatest pleasures is experiencing the clean sweep (W3GRW). This contest gets more enjoyable every time I participate in it. The friendliness each operator exhibits to new contestants is greatly appreciated (VE1REC). Using a computer and two rigs made all the difference in the world! I love the fact that activity has picked up so tremendously (WA2STM). After working VY1JA, I thought I had it made. Little did I know that Delaware and Alaska would be so hard to find (WW3S). I didn't work a clean sweep, again. I believe I need a larger broom (KC4SGO). The plaque program makes a difference and gives me a lot of motivation (N0BSH). I thank VY1JA for standing by to work QRP stations (K9OSH). I still haven't worked a clean sweep, but I did better than last year (W4WTO). It's lots of fun to see what can be done with limited amounts of operating time (W3FTG). The pin makes getting on for a few hours worthwhile (W6HT). We put up a new sloper after dark in the rain, but it didn't work right, so we just used my "semi-random" horizontal loop—and we made the sweep! Not bad for a couple of clowns at a New England station feeding 100 watts into a plain wire antenna up 30 feet (WS1O). My goal for next year is to operate the full 24 hours (WB2ULI). I beat last year's score by 100 QSOs—wait until next year! (N5TUW). As the Terminator once said, "I'll be back!" (NC6U).

Scores

CW scores are listed first, followed by phone. Within each call area, scores are listed first in descending numerical order, followed by multioperator scores. Each line score lists call sign, final score, number of QSOs, number of Sections worked, hours operated and output power used (A = 150 watts or less, B = more than 150 watts, Q = 5 watts or less.) For example, in Connecticut, K1TO worked 1285 stations in 76 Sections for a final score of 195,326. He operated for 24 hours and used more than 150 watts.

1 Connecticut

K1TO	24,752	182	68	15	A	K1VUT	26,904	228	59	6	A	K1RQ (+KB1W,NJ1F)	150,300	1002	75	24	B
K1KI	21,476	182	59	2	B	WV1I	24,816	188	66	13	A	K1CZ (+NQ1L,W1ERJ,WE1J)	6,160	77	40	8	A
W1TS	17,700	150	59	7	A	KB1KM	24,440	188	65	17	A	KM1X	114,152	751	75	24	A
K1TG	11,556	107	54	5	A	NU1H	22,686	199	57	14	A	K1MD	86,250	575	75	24	A
WR1B	10,584	102	49	9	B	W1MK	21,830	185	59	6	Q	K1DS	68,096	448	76	19	A
K1WJ	10,094	103	49	10	A	K1TWF	21,106	173	61	4	A	K1VSJ	32,982	239	69	9	A
K1BTD	2,360	110	10	8	A	N1HOQ	19,296	134	72	20	A	KC1CU	27,458	208	66	15	A
K1TMW	1,380	30	23	13	Q	WR1P	17,284	149	58	5	A	K2MN	19,824	177	56	9	A
NM1K	306	17	9	2	Q	W1SR	11,336	109	52	3	A	W1RFO	3,872	44	44	3	A
W1YU	(N4OGW,E1E2,ops)					KQ1F	9,600	100	48	3	A	W1OP (K1PLX,N1s AKO,JDA,W1GS,WN1A,ops)					
						KC1WD	6,560	80	41	10	A	KW1Z (+KA1FRH,N1R1,WB1s DEZ,FDY,WD1N)	92,418	633	73	24	B
						AA1DG	972	27	18	7	A		57,600	400	72	24	A
						WA1G (+AA1BW,KA1ZFK,N1s IST,MMZ,WB1ATW,WK9H)	85,200	568	75	23	B						
						K2SX1 (-NET)	78,736	518	70	10	B	K2TE	76,912	506	76	13	A
						KB2R (-NET)	72,352	476	76	15	A	KA1O	58,650	391	75	17	Q
						W1XS (-NET)	30,932	209	74	12	A	N1HFE	45,678	331	69	23	Q
						W1JY	18,576	172	54	15	A	WA1RLO	14,986	127	59	6	Q
						NO1J (-NET)	25,256	164	77	11	A	K1BV	14,980	170	44	8	A
						K2B2R (-NET)	21,840	168	65	8	A	AE1D	5,112	71	36	11	A
						W1UN	3,816	53	36	3	A	W1UN	3,816	53	36	3	A
						N1MNF7	570	19	15	6	A	W1BXB	6	6	5	24	A
						K1IM (+K1OSM)	61,904	424	73	15	A	W1GUV	96,096	624	77	23	A
						WW1G (+KA1ZND,KD1LB,N1F,WT1L,KOM,W1RLO,WB1XB)	16,956	157	54	15	A	KC1IQ	86,432	592	73	20	A
												WA1QGC	33,020	254	65	17	A
												WT1L	28,080	234	60	6	B
												NW1S	24,426	207	59	5	A
												N1DHT	22,464	156	72	12	A
												W1KO	9,200	100	46	10	B
												KA1RRX	2,624	41	32	12	A

New Hampshire

K1RQ (+KB1W,NJ1F)	150,300	1002	75	24	B
K1CZ (+NQ1L,W1ERJ,WE1J)	6,160	77	40	8	A
K1D (WZ1R,op)	177,716	1154	77	24	B
	152,304	1002	76	24	A
KC1F	143,944	947	76	24	A
K1TR	106,552	701	76	24	Q
WA1LNP	87,626	569	77	22	A
WS1E	86,250	575	75	22	A
K2TE	76,912	506	76	13	A
KA1O	58,650	391	75	17	Q
N1HFE	45,678	331	69	23	Q
W1JY	18,576	172	54	15	A
WA1RLO	14,986	127	59	6	Q
K1BV	14,980	170	44	8	A
AE1D	5,112	71	36	11	A
W1UN	3,816	53	36	3	A
N1MNF7	570	19	15	6	A
WB1XB	6	6	5	24	A
K1IM (+K1OSM)	61,904	424	73	15	A
WW1G (+KA1ZND,KD1LB,N1F,WT1L,KOM,W1RLO,WB1XB)	16,956	157	54	15	A
KO1QD,JKT,KLP,KOM,W1RLO,					

Rhode Island

K1IU	156,772	1018	77	24	A
N1SW	155,040	1020	76	24	B
KM1X	114,152	751	75	24	A
K1MD	86,250	575	75	24	A
K1DS	68,096	448	76	19	A
K1VSJ	32,982	239	69	9	A
KC1CU	27,458	208	66	15	A
K2MN	19,824	177	56	9	A
W1RFO	3,872	44	44	3	A
W1OP (K1PLX,N1s AKO,JDA,W1GS,WN1A,ops)					
KC1D (WZ1R,op)	177,716	1154	77	24	B
	152,304	1002	76	24	A
KC1F	143,944	947	76	24	A
K1TR	106,552	701	76	24	Q
WA1LNP	87,626	569	77	22	A
WS1E	86,250	575	75	22	A
K2TE	76,912	506	76	13	A
KA1O	58,650	391	75	17	Q
N1HFE	45,678	331	69	23	Q
W1JY	18,576	172	54	15	A
WA1RLO	14,986	127	59	6	Q
K1BV	14,980	170	44	8	A
AE1D	5,112	71	36	11	A
W1UN	3,816	53	36	3	A
N1MNF7	570	19	15	6	A
WB1XB	6	6	5	24	A
K1IM (+K1OSM)	61,904	424	73	15	A
WW1G (+KA1ZND,KD1LB,N1F,WT1L,KOM,W1RLO,WB1XB)	16,956	157	54	15	A
KO1QD,JKT,KLP,KOM,W1RLO,					

Vermont

WB1GQR (WB2JSJ,op)					
N4DW	156,002	1013	77	24	B
N4DW	132,696	873	76	24	A
W1GUV	96,096	624	77	23	A
KC1IQ	86,432	592	73	20	A
WA1QGC	33,020	254	65	17	A
WT1L	28,080	234	60	6	B
NW1S	24,426	207	59	5	A
N1DHT	22,464	156	72	12	A
W1KO	9,200	100	46	10	B
KA1RRX	2,624	41	32	12	A

W1KOO (KD1R,N1AK,W1FP,WK1L, ops)	11,000	110	50	12	A	K3JGJ (+NET)	31,724	206	77	9	A	Maryland-DC	W4OXX	9,400	100	47	5	A	N4JEO	16,610	151	55	7	A
Western Massachusetts																								
W2SC	166,288	1094	76	24	B	K2KIR	167,090	1085	77	24	B	KE3Q	188,496	1224	77	24	B	AA4R	1,064	28	19	2	Q	
W1CSM	120,600	675	76	24	A	W2T2Z	164,312	1081	76	24	A	K3ZQ	174,648	1149	76	23	B	N4TY (+KB4SRE,WB4OSS)	154,000	1000	77	24	B	
NJ1T	76,220	515	74	21	A	WJ2O	147,744	972	76	24	B	K3TM	96,000	640	75	24	Q	N4XFF (+KN4EC)	25,830	205	63	21	A	
N1JAC	53,808	354	76	24	A	WJ2W	118,864	782	76	24	A	K3SA	69,300	450	77	24	A	KO9U	11,766	153	37	5	A	
W1BYH	53,808	354	76	24	A	AE2T	80,850	539	75	22	A	ND3C	66,304	448	74	20	Q	KC4UFN	11,656	124	47	16	A	
KC2GE	51,262	361	71	24	A	WA2EYA	74,936	493	76	22	A	K3EI	60,152	412	73	16	A	N4MM	11,352	129	44	5	A	
KZ1M	50,764	343	74	10	A	WB2ABD	66,682	433	77	12	A	N3AM	53,724	363	74	24	B	W4SNH	11,250	75	75	15	A	
KA1PU	1,160	29	20	8	A	W2IM0	65,450	425	77	19	A	W3GG	46,200	300	77	6	B	WD4GOY	11,024	106	52	15	A	
N1FGY (+KA1VGN,N1ISB)	176	11	8	3	A	W2F2R	59,348	401	74	15	A	N3II	41,040	270	76	10	A	K1SE	10,952	74	74	11	A	
2																								
Eastern New York																								
N2BA (K8HV7,op)	159,904	1052	76	24	B	W20PM	38,500	275	70	16	A	K6SJ5	36,400	260	70	19	A	WR4I	10,736	122	44	10	A	
WA2STM	139,688	919	76	24	A	WB2WP	33,984	236	72	24	A	K3DI	33,840	235	72	11	Q	KC4U	10,620	101	51	8	Q	
W2PA	122,056	803	76	23	A	W2U2M	30,420	234	65	17	A	W4A4	145,838	947	77	23	A	WY2V	10,502	101	51	8	Q	
N1CC	101,178	657	77	15	B	KA2AO7	27,792	193	72	24	A	W1HNN	107,800	700	77	19	B	W4EEA	10,062	117	43	9	A	
K2POF	99,330	645	77	23	B	WA2VEZ	27,792	193	72	12	Q	K3PI	73,584	504	73	24	Q	KD4KCS	9,540	106	45	17	A	
WA1KHM	92,648	626	74	22	B	KU2A	26,850	179	75	15	A	W4HWT	236	63	13	13	A	KC4URI	8,160	120	34	10	A	
K2DW	80,808	546	74	24	A	WB2JFP	25,452	202	63	24	A	WBBMV	23,760	180	66	24	B	N4UTY	7,650	85	45	8	A	
K2UF	77,400	516	75	21	A	NW2	25,488	302	72	24	A	K4RZ	23,552	184	64	17	B	KC4EUE	5,092	67	38	5	A	
AA2DY	49,700	350	71	18	A	W20PM	38,500	275	70	16	A	W4SVG	22,892	194	59	10	A	KD4OWWT	4,288	67	32	11	A	
AA2Y	46,900	350	67	24	A	WB2IV0	45,260	310	73	24	A	N4WFW	10,200	100	51	5	A	K4ME	1,680	42	20	24	A	
W2ARQ	44,232	291	76	16	B	NM2J	43,488	302	72	24	A	WB4BLJ	1,320	33	20	8	A	WB4SAI	60	6	5	6	A	
NY2U	41,748	294	71	19	A	W20PM	38,500	275	70	16	A	NJ4F (+N4s GUS,YDP)	93,468	542	77	23	B	W4XD (+K4SAD,N4YET,WB4PJW, WD8LDY)81,168	534	76	22	B		
N2JQH	36,582	273	67	13	A	WB2LBT	84,972	582	73	23	A	W4WZ (+K4DBI,KO4JN,N4s MPQ, XFT,KC5WF,WD8LOW,W9FH,ops)	50,400	350	72	24	A	K3SW (+NET)	21,252	161	66	24	B	
AA2GS	35,980	257	70	17	A	WB2FOB	35,880	299	60	18	A	WD3P (+NET)	79,800	532	75	24	A	W4XW (+NET)	21,252	161	66	24	B	
KF2GX	24,480	204	60	23	A	KB2KJH	8,528	104	41	14	Q	W4WZ (+NET)	21,252	138	77	21	A	Northern Florida	21,252	138	77	21	A	
WB2EAR	22,814	187	61	11	B	W2MTA	8,360	110	38	3	A	W4WZ (+NET)	21,252	138	77	21	A	N4OP/NP2P170,699	1123	76	24	A		
N2CJJ	22,630	155	73	18	A	W2K2KZ	8,036	82	49	9	A	W4WZ (+NET)	21,252	138	77	21	A	N5P2N	150,152	1001	76	23	A	
WE2G	20,944	154	68	8	A	W2FXA	7,808	64	61	24	A	W4WZ (+NET)	21,252	138	77	21	A	KP2N	60,350	425	71	12	B	
WA2BAH	20,400	170	66	12	A	WB2LT	5,840	73	40	17	A	W4WZ (+NET)	21,252	138	77	21	A	NP2L	26,520	204	65	11	A	
KR2V	18,960	158	60	15	Q	WB2HCR	4,464	62	36	14	A	W4WZ (+NET)	21,252	138	77	21	A	NP2E	10,120	110	46	14	A	
WB2HKR	16,610	151	55	16	A	WB2SPN	14,850	135	55	7	A	W4WZ (+NET)	21,252	138	77	21	A	5						
KF2ZP	9,990	111	45	24	A	WB2ZLW	99,000	660	75	24	A	W4WZ (+NET)	21,252	138	77	21	A	Arkansas	182,182	1183	77	24	A	
AG2X	9,360	104	45	4	A	W2HPF (+NET)	25,844	182	71	5	B	W4WZ (+NET)	21,252	138	77	21	A	KM5G	126,312	831	76	24	A	
N2MFZ	8,282	101	41	22	A	W2RHP	50	5	5	24	A	W4WZ (+NET)	21,252	138	77	21	A	N8V	81,400	550	74	24	A	
W2NRD	5,664	59	48	8	Q	WB2ZLW	9,990	660	75	24	A	W4WZ (+NET)	21,252	138	77	21	A	W0LK	11,628	114	51	5	A	
N2LBZ	5,292	63	42	13	A	WB2ZLW	9,990	660	75	24	A	W4WZ (+NET)	21,252	138	77	21	A							
KD2IX	4,332	18	12	4	Q	WB2ZLW	9,990	660	75	24	A	W4WZ (+NET)	21,252	138	77	21	A							
KB2OCA	2	1	1	1	A	WA2UKP (+WA2QJK)	94,556	614	77	24	B	W4WZ (+NET)	21,252	138	77	21	A							
WA2ZWS (WB2XM, WB2LXC, DL12R, ops)	7,416	103	36	8	A	WB2ZLW	9,990	660	75	24	A	W4WZ (+NET)	21,252	138	77	21	A							
NYC-Long Island																								
K2AU	89,528	589	76	18	B	WB2ZLW	9,990	660	75	24	A	WW3F (+NET)	7,070	101	35	20	A	Louisiana	180,026	1169	77	24	B	
K2SHL	86,850	579	75	24	A	WB2ZLW	9,990	660	75	24	A	WB5WU (K5GA,op)	25,668	186	69	7	A	W5WMV	25,668	186	69	7	A	
K2KE	47,088	327	72	14	Q	WB2ZLW	9,990	660	75	24	A	WD6DV	4,788	63	38	11	Q	N6DV	4,788	63	38	11	Q	
K2LE	29,850	199	75	7	B	WB2ZLW	9,990	660	75	24	A	KV5F	2,214	41	27	4	A	KB5XI	528	22	12	2	A	
WA2MAV	27,608	203	68	9	A	WB2ZLW	9,990	660	75	24	A	WB4AHZ	108,750	725	75	24	A							
K2KTF	23,548	203	58	5	A	WB2ZLW	9,990	660	75	24	A	AC1O/4	105,900	706	75	22	A							
K2HVN	20,824	137	76	8	A	WB2ZLW	9,990	660	75	24	A	KR4H	83,400	556	75	21	A							
N2LSK	15,778	161	49	14	A	WB2ZLW	9,990	660	75	24	A	K4MF	48,616	333	73	10	A							
WA2PJI	12,546	123	51	10	A	WB2ZLW	9,990	660	75	24	A	NK9C	42,366	307	69	24	A							
K2ESX	3,920	56	35	4	A	WB2ZLW	9,990	660	75	24	A	W4PL	36,498	237	77	17	A							
KF2JH	1,722	41	21	16	A	WB2ZLW	9,990	660	75	24	A	NN7A/4	27,832	196	71	10	Q							
Northern New Jersey																								
W2RQ	184,030	1195	77	24	B	WB2ZLW	9,990	660	75	24	A	W4Z4F	163,248	1074	76	24	B	Southern Florida	180,026	1169	77	24	B	
W2GD	160,776	1044	77	24	A	WB2ZLW	9,990	660	75	24	A	WD4AHZ	108,750	725	75	24	A	W4TYYU	125,688	186	69	7	A	
WA2SRO	134,596	874	77	24	A	WB2ZLW	9,990	660	75	24	A	W4TYYU	125,688	456	72	14	B	W4TYYU	209,440	1360	77	24	B	
WA2VYV	119,776	788	76	24	A	WB2ZLW	9,990	660	75	24	A	W4YDD	58,032	403	72	19	A	N5LB	39,060	279	70	13	A	
AA2AU	102,904	676	76	24	Q	WB2ZLW	9,990	660	75	24	A	W4YUH	21,452	173	62	13	A	WA5JWU	35,668	241	74	11	A	
WA0QOA	102,410	665	77	21	A	WB2ZLW	9,990	660	7															

AB5EA (+AB5EB)	76,500	510	75	22	A	N6TU	168,476	1094	77	24	B	N7JXS	25,704	204	63	14	Q	8	WS8S	21,976	164	67	16	A
South Texas						AA6KX	152,000	1000	76	24	B	K7OKX	23,548	203	58	4	A	Michigan	W8AEM	21,924	174	63	24	A
K5GN	196,042	1273	77	24	B	AG6D	149,072	968	77	20	B	AA7QY	15,660	145	54	10	A	KF8TM	20,160	168	60	20	A	
AD5Q	179,872	1168	77	24	B	W6QHS	122,584	796	77	17	B	KB7KZ	12,932	122	53	8	A	WE8T	17,952	136	66	17	A	
W5ASP	150,000	1000	75	20	B	N6ZB	120,736	784	77	24	B	W2HTX	10,100	101	50	6	A	WA8AHK	15,400	140	55	10	A	
W5XD	149,416	983	76	24	B	W6ISQ	111,650	725	77	15	B	KB7PIYN	9,964	106	47	24	A	WA8BTWM	15,048	132	57	9	A	
WB5NXH (WB5V12,Op)	149,264	982	76	24	B	W0ZZ	110,880	720	77	24	A	W8LQA	9,256	89	52	4	B	KB8DP	13,176	122	54	5	A	
WA5POK	149,264	982	76	24	B	AE6Y	109,032	708	77	18	B	W3FZV	4,992	64	39	4	A	W8PLQ	12,954	127	51	24	A	
K16CG (AE0M,op)	149,264	982	76	24	B											K8E0A	113,036	734	77	24	A			
K5ZGM	71,700	478	75	11	A	K6T	90,552	588	77	10	B	K8DD	112,112	728	77	20	A	K8SJ	12,240	120	51	3	B	
K5LHDU	60,066	423	71	7	B	A6QY	57,572	389	74	22	A							WV8B	11,960	115	52	5	A	
48,138	339	71	19	A	N6IP	108,108	702	77	20	B	K7MM	137,100	914	75	24	A	W8KRR	11,858	77	77	12	A		
WY7U	47,736	351	68	18	A	N6NF	107,954	701	77	19	A	K7IOO	22,176	176	63	24	A	K8RDJ	85,950	573	75	22	A	
KD4HZ/5	119,776	788	76	24	A	A6JV	107,184	696	77	18	B	K7FL	11,856	114	52	5	Q	W8UE	81,000	540	75	23	A	
K13L	102,752	676	76	24	A	AA4KB	99,864	657	76	24	A	N7YOR	11,322	111	51	16	A	W8VPC	78,432	516	76	14	A	
K5RC	89,392	604	74	11	B	W6CJE	93,150	621	75	24	A	N7KZB/T	3,000	50	30	6	A	NE8O	113,036	734	77	24	A	
WA5POK	84,212	569	74	20	A										K8OUA	12,720	120	53	6	A				
K7GM	71,700	478	75	11	A	N6BT	90,552	588	77	10	B							K8SJ	12,240	120	51	3	B	
K5LHDU	60,066	423	71	7	B	A6DE	56,250	375	75	8	A	K78B	102,268	691	74	24	A	WV8B	11,960	115	52	5	A	
48,138	339	71	19	A	N6SV	47,740	341	70	7	B	K8QE	92,700	618	75	24	A	W8KRR	11,858	77	77	12	A		
WY7U	47,736	351	68	18	A	WB6IYS	42,772	289	74	16	A	K7IOO	22,176	176	63	24	A	K8RDJ	85,950	573	75	22	A	
KD4HZ/5	124,586	809	77	24	B	N6OM	41,300	295	70	24	B	W7QDM	41,472	288	72	13	Q	W8UE	81,000	540	75	23	A	
K13L	102,752	676	76	24	A	W6WFK	32,880	274	60	13	B	N7MPS	38,080	272	70	23	B	W8VPC	78,432	516	76	14	A	
K5RC	89,392	604	74	11	B	W2KMM	30,492	231	66	9	B	K7K7A	30,284	226	67	8	Q	NE8O	113,036	734	77	24	A	
WA5POK	84,212	569	74	20	A	A6JT	28,832	212	68	24	B	N7KZB/T	3,000	50	30	6	A	K8OUA	12,720	120	53	6	A	
K7GM	71,700	478	75	11	A	W6DXH	22,320	180	62	12	A	A6DE	57,572	389	74	22	A	K8SJ	12,240	120	51	3	B	
K5LHDU	60,066	423	71	7	B	W6WFK	21,294	169	63	6	A	W7RZ	120,000	800	75	16	B	WV8B	11,960	115	52	5	A	
48,138	339	71	19	A	N6XK	21,294	169	63	6	A	W7YQ	118,734	771	77	23	A	W8KRR	11,858	77	77	12	A		
WY7U	47,736	351	68	18	A	WB6IYS	42,772	289	74	16	A	AA7JM	49,400	325	76	24	B	K8RDJ	85,950	573	75	22	A	
KD4HZ/5	124,586	809	77	24	B	N6OM	41,300	295	70	24	B	W7QDM	41,472	288	72	13	Q	W8UE	81,000	540	75	23	A	
K13L	102,752	676	76	24	A	W6WFK	32,880	274	60	13	B	N7MPS	38,080	272	70	23	B	W8VPC	78,432	516	76	14	A	
K5RC	89,392	604	74	11	B	W2KMM	30,492	231	66	9	B	K7K7A	30,284	226	67	8	Q	NE8O	113,036	734	77	24	A	
WA5POK	84,212	569	74	20	A	A6JT	28,832	212	68	24	B	N7KZB/T	3,000	50	30	6	A	K8OUA	12,720	120	53	6	A	
K7GM	71,700	478	75	11	A	W6DXH	22,320	180	62	12	A	A6DE	57,572	389	74	22	A	K8SJ	12,240	120	51	3	B	
K5LHDU	60,066	423	71	7	B	W6WFK	21,294	169	63	6	A	W7RZ	120,000	800	75	16	B	WV8B	11,960	115	52	5	A	
48,138	339	71	19	A	N6XK	21,294	169	63	6	A	W7YQ	118,734	771	77	23	A	W8KRR	11,858	77	77	12	A		
WY7U	47,736	351	68	18	A	WB6IYS	42,772	289	74	16	A	AA7JM	49,400	325	76	24	B	K8RDJ	85,950	573	75	22	A	
KD4HZ/5	124,586	809	77	24	B	N6OM	41,300	295	70	24	B	W7QDM	41,472	288	72	13	Q	W8UE	81,000	540	75	23	A	
K13L	102,752	676	76	24	A	W6WFK	32,880	274	60	13	B	N7MPS	38,080	272	70	23	B	W8VPC	78,432	516	76	14	A	
K5RC	89,392	604	74	11	B	W2KMM	30,492	231	66	9	B	K7K7A	30,284	226	67	8	Q	NE8O	113,036	734	77	24	A	
WA5POK	84,212	569	74	20	A	A6JT	28,832	212	68	24	B	N7KZB/T	3,000	50	30	6	A	K8OUA	12,720	120	53	6	A	
K7GM	71,700	478	75	11	A	W6DXH	22,320	180	62	12	A	A6DE	57,572	389	74	22	A	K8SJ	12,240	120	51	3	B	
K5LHDU	60,066	423	71	7	B	W6WFK	21,294	169	63	6	A	W7RZ	120,000	800	75	16	B	WV8B	11,960	115	52	5	A	
48,138	339	71	19	A	N6XK	21,294	169	63	6	A	W7YQ	118,734	771	77	23	A	W8KRR	11,858	77	77	12	A		
WY7U	47,736	351	68	18	A	WB6IYS	42,772	289	74	16	A	AA7JM	49,400	325	76	24	B	K8RDJ	85,950	573	75	22	A	
KD4HZ/5	124,586	809	77	24	B	N6OM	41,300	295	70	24	B	W7QDM	41,472	288	72	13	Q	W8UE	81,000	540	75	23	A	
K13L	102,752	676	76	24	A	W6WFK	32,880	274	60	13	B	N7MPS	38,080	272	70	23	B	W8VPC	78,432	516	76	14	A	
K5RC	89,392	604	74	11	B	W2KMM	30,492	231	66	9	B	K7K7A	30,284	226	67	8	Q	NE8O	113,036	734	77	24	A	
WA5POK	84,212	569	74	20	A	A6JT	28,832	212	68	24	B	N7KZB/T	3,000	50	30	6	A	K8OUA	12,720	120	53	6	A	
K7GM	71,700	478	75	11	A	W6DXH	22,320	180	62	12	A	A6DE	57,572	389	74	22	A	K8SJ	12,240	120	51	3	B	
K5LHDU	60,066	423	71	7	B	W6WFK	21,294	169	63	6	A	W7RZ	120,000	800	75	16	B	WV8B	11,960	115	52	5	A	
48,138	339	71	19	A	N6XK	21,294	169	63	6	A	W7YQ	118,734	771	77	23	A	W8KRR	11,858	77	77	12	A		
WY7U	47,736	351	68	18	A	WB6IYS	42,772	289	74	16	A	AA7JM	49,400	325	76	24	B	K8RDJ	85,950	573	75	22	A	
KD4HZ/5	124,586	809	77	24	B	N6OM	41,300	295	70	24	B	W7QDM	41,472	288	72	13	Q	W8UE	81,000	540	75	23	A	
K13L	102,752	676	76	24	A	W6WFK	32,880	274	60	13	B	N7MPS	38,080	272	70	23	B	W8VPC	78,432	516	76	14	A	
K5RC	89,392	604	74	11	B	W2KMM	30,492	231	66	9	B	K7K7A	30,284	226	67	8	Q	NE8O	113,036	734	77	24	A	
WA5POK	84,212	569	74	20	A	A6JT	28,832	212	68	24	B	N7KZB/T	3,000	50	30	6	A	K8OUA	12,720	120	53	6	A	
K7GM	71,700	478	75	11	A	W6DXH	22,320	180	62	12	A	A6DE	57,572	389	74	22	A	K8SJ	12,240	120	51	3	B	
K5LHDU	60,066	423	71	7	B	W6WFK	21,294	169	63	6	A	W7RZ	120,000	800	75	16	B	WV8B	11,960	115	52	5	A	
48,138	339	71	19	A	N6XK	21,294	169	63	6	A	W7YQ	118,734	771	77	23	A	W8KRR	11,858	77	77	12	A		
WY7U	47,736	351	68	18	A	WB6IYS	42,772	289	74	16	A	AA7JM	49,400	325	76	24	B	K8RDJ	85,950	573	75	22	A	
KD4HZ/5	124,586	809	77	24	B	N6OM	41,300	295	70</td															

W9MOK (AA9CG,op)	8,600	100	43	4 A	Kansas	WF0V	11,322	111	51	9 A	VE2EM	59,860	410	73	18 A
26,586 211 63 7 A	N9JYJ	7,400	100	37	10 A	WA9OTO	10,998	117	47	9 A	VE2AWR	42,768	297	72	18 B
KA9IRS 25,376 208 61 18 B	N9KS	7,400	100	37	4 A	WB9JHR	8,346	107	39	24 A	VE2GHI	17,936	152	59	13 A
W9VC 23,800 170 70 24 A	K9BABI/T	171,000	175	62	12 Q	W8TIV	6,720	80	42	3 A	VE2FFE	11,440	110	52	9 A
KB9ABI/T 15,322 163 47 17 A	W4WQD	15,322	163	47	17 A	KQ9YX	3,834	71	27	5 A	VE2BLX	11,300	113	50	17 Q
K9CUN 12,960 135 48 8 A	WZ9A	12,960	135	48	8 A	VE2ABO	10,486	107	49	14 Q					
NY9B 11,118 105 51 24 A	WA9EYB	9,880	130	38	24 B	Ø									
AC4HI 9,880 130 38 24 B	W9EYB	8,360	110	38	10 A	Colorado									
WD9EYB 8,360 110 38 10 A	WA9AX (+NJ9C)	874	23	19	6 A	K0RF (W0UA,op)	202,202	1313	77	24 B	K0BJ	129,808	854	74	24 B
140,602 913 77 24 B	W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	NOFMR	60,048	417	72	17 A	NW0F	56,800	400	71	24 Q
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	K5TU	52,244	353	74	12 A	W0UJ	48,544	328	74	17 A	
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	WA0YJT	45,376	268	66	22 A	WB0AWP	33,660	255	66	20 A	
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	K0EUX	13,362	131	51	9 A	NO0Y	30,806	211	73	15 Q	
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	W0CY	21,280	140	76	13 B	W0CY	21,280	131	51	9 A	
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	W1XE	164,472	1068	77	24 B	WA0OZP	11,648	104	56	6 A	
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	K0CRS	110,550	737	75	18 A	W0YRN	7,742	79	49	13 Q	
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	N3SL/0	110,264	716	77	24 Q	W0TE	3,780	54	35	6 A	
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	K3GWA	100,624	662	76	24 A	N0MEH	714	21	17	13 Q	
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	K9AY	93,936	618	76	24 Q	K0WA (+AB0S,W0CEM)	165,376	1088	76	24 B	
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	W3GRW	88,832	591	76	22 A						
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	W0CP	64,240	440	73	5 B						
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	K9BQL	57,276	387	74	14 A						
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	K0KR	57,260	409	70	8 B						
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	NR5K	57,152	376	76	24 A						
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	W0RSR	44,446	313	71	14 A						
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	KJ0G	20,286	161	63	24 B						
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	KF0QS	19,250	175	55	12 A						
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	K0EJN	16,920	141	60	13 A						
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	K0HJB	13,596	130	80	24 A						
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	K0IHC	10,624	107	464	707						
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	N0QI	15,664	178	44	3 B						
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	W0TS	14,514	123	59	7 B						
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	N0ORN	12,300	123	50	20 Q						
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	W0KV	11,730	115	51	6 A						
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	W0BNH	10,492	122	43	10 A						
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	WY0J	7,004	103	34	4 A						
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	KD0SU	1,470	35	21	5 A						
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	N0KOE/T	1,134	27	21	4 A						
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	Iowa										
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	N0CP (AG9A,op)	196,504	1276	77	24 B	W0EJ	169,936	1118	76	24 B	
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	KF0H	169,400	1100	77	24 B	W0EJN	169,936	1118	76	24 B	
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	N0UQ	90,090	585	77	24 A	K0EJN	169,936	1118	76	24 B	
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	NE0P	57,300	382	75	24 A	K0EJN	169,936	1118	76	24 B	
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	N0OZ	47,328	348	68	8 A	K0EJN	169,936	1118	76	24 B	
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	K0EY	30,030	231	65	24 A	K0EY	30,030	231	65	24 A	
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	K9LUW/Ø (+K9MMS)	119,320	785	76	24 B	W0H	48,910	335	73	19 Q	
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	W0HWW/Ø	20,500	200	50	11 A	W0HWW/Ø	20,500	200	50	11 A	
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	N0BSH	15,704	151	52	24 A	W0HWW/Ø	20,500	200	50	11 A	
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	AC0W	12,420	125	45	9 A	W0HWW/Ø	20,500	200	50	11 A	
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B	WA0WOW	12,272	118	52	8 A	W0HWW/Ø	20,500	200	50	11 A	
W9M9 (WD8LLR,N9RD,NA9N, W9SC,W9X9,ops)	77,000	500	77	22 B											
Phone					Eastern Massachusetts										
1					AA1A	211,288	1372	77	24 B	WA1LNP	71,148	462	77	22 Q	
Connecticut					W1FM	152,614	991	77	23 B	K1DG	66,220	430	77	6 B	
K1KI	273,966	1779	77	24 B	N1HOO	121,968	792	77	24 A	WB1HBB	50,974	331	77	14 A	
W1WEF	264,880	1720	77	24 B	KD1KZ	93,170	605	77	22 A	AE1D	27,980	205	68	17 A	
K1RM	255,332	1658	77	24 B	V1WL	65,664	432	76	24 A	K2TE	27,852	211	66	6 A	
NQ1K	108,984	717	76	24 B	KA1JQO	56,090	395	71	24 A	N1FQJ	26,612	204	64	14 A	
N1NM	102,102	663	77	10 B	WW1I	51,224	337	76	15 A	K1DRG	10,742	131	41	5 A	
WA1LJP	75,750	505	75	19 A	KA1WHL	45,600	304	75	24 A	K1QOQ	8,364	102	41	24 A	
W3EP	74,074	481	77	11 A	W1KDG	43,428	282	77	24 B	N1MFNT	6,666	111	30	11 A	
NX1Q	71,918	467	77	13 A	N1KBW	41,700	278	75	22 A	K1TO	30,988	254	61	7 A	
N1HRA	69,916	454	77	24 B	KB1CKM	35,872	236	76	20 A	WB0UKI	29,760	240	62	11 A	
AA1BX	64,600	425	76	14 A	W1ZK	30,363	222	69	19 A	WD0FGY	29,640	228	65	10 A	
KA1MWX	61,272	414	74	12 A	N1HKV	30,360	230	66	8 A	KGB0	23,310	185	63	6 A	
KC1OH	58,660	419	70	17 B	W1BK	26,130	195	67	24 B	W0A5K	150,458	977	77	24 B	
KA1WIF	55,440	396	70	19 A	WA1LXP	23,528	173	68	14 A	W0A5K (+K1WZK,XB1ZYX)	88,396	574	77	22 A	
W1ECH	54,208	352	77	12 A	K5ZD	16,644	146	57	7 A	W0A5K (+NET)	88,396	574	77	22 A	
KH6CP/1	54,002	403	67	24 Q	W1AX	11,858	77	77	7 B	WW1G (+K1ATD,KD1LB,N1s FIL, FLB,HKO,KJT,LKP,COM,NLT, MWX,WA1RLO,WB1XBX)	88,396	574	77	22 A	
K1DII	51,128	332	77	8 B	KC1TD	11,858	121	49	24 A	W0A5K (+NET)	88,396	574	77	22 A	
K1IN	49,432	333	74	11 B	WA1MML	26,642	173	77	24 A	K1HMO	27,720	180	77	11 A	
WH1H	45,504	316	72	22 A	N1IUN	21,090	185	57	24 A	K1MD	24,192	192	63	10 Q	
NR1L	36,234	297	69	7 A	W1XS (+NET)	20,020	130	77	9 B	KC1CU	23,400	195	60	9 A	
WB8IMB	31,950	225	71	10 A	N1JCB (+N1JAX)	12,584	143	44	12 A	K1DJL	20,196	153	66	21 A	
N1FHR/T	11,070	135	41	24 A	N1FDX (+NETDM)	10,904	116	47	10 A	K1ZFO/T	12,420	135	46	24 A	
KF1B	9,630	107	45	10 A	KD1FF (+WB1AWS)	10,900	109	50	6 A	W1RFO	8,576	67	64	5 B	
N1KJW	8,100	81	50	15 A	N1ISQ (+N1GRC)	6,880	80	43	10 A	KA1ZRT/T	2,496	52	24	7 A	
NF9K	6,688	88	38	3 A	WB1EGT (+W1DLC)	47,740	341	70	20 A	KA1YVZ (+N1s IVB,KRU)	82,926	431	73	24 A	
N1GNV/T	5,940	90	33	8 A	W1F1B (+NET)	30,050	1325	77	23 B	W0RJ	42,350	275	77	9 A	
KA1SZP/T	4,002	69	29	9 A	W1XN	100,100	650	77	21 A	WZ1R (+NET)	40,810	265	77	9 A	
N1NQO/1	3,658	59	31	11 A	KQ1V	36,576	254	72	17 A	W21YJ	11,330	105	52	6 A	
KA1QVK/T	2,860	55	26	7 A	KX1E	15,344	137	56	11 Q	W21YJ	11,330	105	52	6 A	

N2MM	10,062	129	39	10	A	WW3F	40,964	266	77	20	A	WW3S	48,202	313	77	18	A	N4QEO	17,980	155	58	5	A	WB9DZS	123,900	826	75	12	B
W2GD (+NET)	101,024	656	77	10	B	NY3C	30,646	199	77	13	A	K3MD	40,200	300	67	4	B	WN4BBJ	16,240	140	58	8	Q	NK5I	88,200	588	75	17	A
N2KRK (+KB2LH,KF2CP,N2WMM)	97,790	635	77	24	B	W3NX	28,950	193	75	12	A	W3YEY	35,076	237	74	15	B	WA4PGM	83,822	543	77	20	Q	KA4RME	69,600	464	75	22	A
WA2MKM (+NET)	94,864	616	77	9	B	N3KCB	16,652	247	58	16	A	W3TVI	29,664	206	72	15	A	K3SW	67,606	439	77	24	B	KA4RRU	62,216	404	77	16	A
NN2V (+NO2X)	77,000	500	77	19	B	KT3R	22,814	187	61	20	B	WA3HGW	20,032	219	64	12	A	WB4PJW	58,400	400	73	11	A	WV2V	42,560	304	70	14	A
WA2SRQ (+NET)	51,436	334	77	0	A	KA2ZHMT	15,360	160	48	15	A	WA3POA	21,420	170	63	15	A	K4FPP	40,040	260	77	10	A	KD4RFW (+KD4ORA)	39,732	301	66	24	A
W2GRD (+NET)	68,376	444	77	10	A	K3COO	9,680	110	44	6	A	WN3F	18,352	148	62	11	A	WB4RDV	38,346	249	77	24	A	W4XJD	33,696	234	72	12	B
WU3A (+NET)	66,836	434	77	15	A	K3ZA	239,316	1554	77	24	B	WM3H	13,570	115	59	7	A	W4VC	30,672	213	72	12	B	W4WZ (KC4SIT,KD4DBL,N4XTX,W8NBX,W8DBLOW,W9FHW,ops)	33,744	228	74	17	A
K2MFF (AA2QK,N2s JAK,MSO,MTA,ORF,PVD,RVJ,WG2WB,W21,ops)	54,054	351	77	24	B	W3TDF	79,800	525	76	24	B	WA3GPP	11,266	131	43	9	A	N3RC	30,624	232	66	6	A	W3FTG	20,352	159	64	24	B
WA2SRQ (+NET)	50,120	358	70	24	A	KD2PM (+KB2ECH)	67,760	1409	76	24	B	WA3XSP	9,696	101	48	6	A	KD4OO	25,856	202	64	12	A	W4NMM	20,160	168	60	10	A
KD2NT (+NET)	39,116	254	77	13	B	KD3ZB	79,618	517	77	14	B	WA3PCX	5,850	75	39	4	A	N4XAQ	19,716	159	62	11	A	W4NND	18,666	153	61	12	B
KE2TB (+NET)	25,048	202	62	11	A	KD3TA	79,800	525	76	24	B	WA3RQ	4,42	7	3	1	A	AA4KD	17,600	142	62	12	A	W4N4F	16,704	144	58	6	A
KC2OM (+KA2OAR,N2RFA)	22,176	198	56	14	A	KD3TB	79,618	517	77	14	B	W3GHI (+W9XR)	20,980	1370	77	24	B	WD4GOY	16,560	120	69	11	A	W4WZK	13,038	123	53	8	A
WB2AZE (+N2DP)	12,700	127	50	11	A	KD3TC	36,210	255	71	14	A	W4WTO	49,876	337	74	21	A	W4LJM	15,892	137	58	5	A	W4N4M	16,600	153	31	10	A
WB2AZE (+N2DP)	10,032	114	44	12	A	KD3TD	35,000	250	70	13	A	KD2RE (+NET)	34,040	230	74	24	A	NA4IG	15,730	143	55	10	A	W4N4F	16,704	144	58	6	A
Southern New Jersey						KD3TE	29,800	525	76	24	B	KD4BL/T	12,180	33,726	219	77	A	W4N4P	16,704	144	58	6	A	W4N4R	15,760	142	62	12	A
KZ2I	144,144	936	77	24	A	KD3TF	28,900	525	76	24	B	KD4BU/T	19,3270	1255	77	23	A	W4N4R	16,704	144	58	6	A	W4N4T	10,296	117	44	4	A
WB2DIN	123,508	802	77	16	B	KD3TG	25,550	175	73	17	A	KD4CJ	18,108	1202	77	13	B	W4N4U	9,240	105	44	5	A	W4N4V	9,240	105	44	5	A
AB2E	113,652	738	77	19	B	KD3TH	21,866	144	72	17	A	KD4CJ	18,108	1202	77	13	B	W4N4W	9,116	106	43	8	A	W4N4X	9,116	106	43	8	A
KB2BF	94,710	615	77	18	B	KD3TI	24,676	199	62	16	A	KD4CJ	11,132	121	46	13	A	W4N4Y	7,052	82	43	6	A	W4N4Z	7,052	82	43	6	A
AA2GQ	94,402	613	77	15	A	KD3TJ	23,302	191	61	13	A	KD4CJ	10,050	105	50	10	A	W4N4A	7,052	82	43	6	A	W4N4B	7,052	82	43	6	A
K2YT	87,764	593	74	24	Q	KD3TK	23,100	150	77	24	A	KD4CJ	9,000	105	50	10	A	W4N4C	6,934	115	69	6	A	W4N4D	6,934	115	69	6	A
KZ2T	69,762	453	77	18	A	KD3TL	17,542	199	62	16	A	KD4CJ	8,952	127	38	15	A	W4N4E	6,814	102	37	9	A	W4N4F	7,548	102	37	9	A
WA2LBT	67,944	447	76	22	A	KD3TM	16,986	149	57	10	A	KD4CJ	8,952	127	38	15	A	W4N4G	6,794	117	77	18	A	W4N4H	7,548	102	37	9	A
KE2OP	65,056	428	76	17	A	KD3TN	16,200	150	54	13	A	KD4CJ	7,400	100	37	17	A	W4N4I	6,734	117	77	18	A	W4N4J	7,548	102	37	9	A
W2PAU	59,700	398	75	12	B	KD3TO	15,080	132	60	7	A	KD4CJ	7,304	83	44	7	A	W4N4K	6,716	117	77	18	A	W4N4L	7,548	102	37	9	A
W2RA	44,700	298	75	13	A	KD3TP	15,738	129	61	10	Q	KD4CJ	7,080	83	44	7	A	W4N4M	6,680	117	77	18	A	W4N4N	7,548	102	37	9	A
N2PKP/T	34,650	275	63	19	A	KD3TQ	15,170	115	67	12	A	KD4CJ	6,844	73	26	7	A	W4N4O	7,548	102	37	9	A	W4N4P	7,548	102	37	9	A
N2BCF	28,304	232	61	8	A	KD3TR	14,960	110	68	3	B	KD4CJ	6,700	73	26	7	A	W4N4Q	7,548	102	37	9	A	W4N4R	7,548	102	37	9	A
KA2KFO	27,064	199	68	15	B	KD3TS	12,896	124	52	18	A	KD4CJ	6,680	73	26	7	A	W4N4S	7,548	102	37	9	A	W4N4T	7,548	102	37	9	A
WB9JHH	18,720	156	60	9	A	KD3TU	12,896	124	52	17	A	KD4CJ	6,660	73	26	7	A	W4N4U	7,548	102	37	9	A	W4N4V	7,548	102	37	9	A
W2FGY	17,748	153	58	12	A	KD3TV	12,384	129	48	24	A	KD4CJ	6,640	73	26	7	A	W4N4W	7,548	102	37	9	A	W4N4X	7,548	102	37	9	A
KA2NBB	17,670	155	57	13	A	KD3TW	10,414	127	41	9	B	KD4CJ	6,620	73	26	7	A	W4N4Y	7,548	102	37	9	A	W4N4Z	7,548	102	37	9	A
K2MK	15,660	135	58	11	A	KD3TX	10,400	104	50	8	A	KD4CJ	6,600	73	26	7	A	W4N4A	7,548	102	37	9	A	W4N4B	7,548	102	37	9	A
N2L2D	11,368	116	49	18	B	KD3TY	8,640	120	36	12	A	KD4CJ	6,580	73	26	7	A	W4N4C	7,548	102	37	9	A	W4N4D	7,548	102	37	9	A
KB2ODK/N	11,340	135	42	12	A	KD3TZ	8,480	106	40	11	A	KD4CJ	6,560	73	26	7	A	W4N4E	7,548	102	37	9	A	W4N4F	7,548	102	37	9	A
WB3X	10,120	110	46	18	A	KD3UA	8,120	116	35	12	Q	KD4CJ	6,540	73	26	7	A	W4N4G	7,548	102	37	9	A	W4N4H	7,548	102	37	9	A
KD2AE	9,996	98	51	7	A	KD3UB	7,040	80	44	5	A	KD4CJ	6,520	73	26	7	A	W4N4I	7,548	102	37	9	A	W4N4J	7,548	102	37	9	A
N2AWC	9,856	112	44	10	B	KD3UC	6,398	237	62	24	A	KD4CJ	6,500	73	26	7	A	W4N4K	7,548	102	37	9	A	W4N4L	7,548	102	37	9	A
KA2YK	7,144	94	58	8	A	KD3UD	5,095	75	75	24	B	KD4CJ	6,480	73	26	7	A	W4N4M	7,548	102	37	9	A	W4N4N	7,548	102	37	9	A
WA3RHW	4,130	59	35	24	A	KD3UE	3,698	236	60	24	B	KD4CJ	6,460	73	26	7	A	W4N4O	7,548	102	37	9	A	W4N4P	7,548	102	37	9	A
W2EAA	3,264	51	32	2	A	KD3UF	2,700	178	36	24	A	KD4CJ	6,440	73	26	7	A	W4N4Q	7,548	102	37	9	A	W4N4R	7,548	102	37	9	A
WA2SYW	936	258	16	5	A	KD3UG	2,700	176	77	24	B	KD4CJ	6,420	73	26	7	A	W4N4S	7,548	102	37	9	A	W4N4T	7,548	102	37	9	A
WA2ZXS (KB2NYA,op)	19,872	144	69	16	A	KD3UH	2,684	284	77	17	A	KD4CJ	6,400	73	26	7	A	W4N4U	7,548	102	37	9	A	W4N4V	7,548	102	37	9	A
KA2AEY	6,400	80	40	3	B	KD3UJ/T	2,600	150	52	19	A	KD4CJ	6,380	73	26	7	A	W4N4W	7,548	102	37	9	A	W4N4X	7,548	102	37	9	A
W2MTA	6,392	94	34	3	A	KD3UJ/T	2,600	150	52	19	A	KD4CJ	6,360	73	26	7	A	W4N4Y	7,548	102	37	9	A	W4N4Z	7,548	102	37	9	A
KB2LDZ/N	5,508	81	34	9	Q	KD3UJ/T	2,600	150	52	19	A	KD4CJ	6,340	73	26	7	A	W4N4A	7,548	102	37	9	A	W4N4B	7,548	102	37	9	A
WA2VEZ	5,256	73	36	6	Q	KD3UJ/T	2,600	150	52	19	A	KD4CJ	6,320	73	26	7	A	W4N4C	7,548	102	37	9	A	W4N4D	7,548	102	37	9	A
W2OFE	348	29	6	5	A	KD3UJ/T	2,600	150	52	19	A	KD4CJ	6,300	73															

NA5S (KE5CV,op)	K6XV	53,352	351	76	24	A	W6OAT (+NET)	85,932	558	77	24	B	N7NUJ	15,720	131	60	18	Q	WA8ZDT	205,744	1336	77	24	B
WB2UL1	202,510	1315	77	24	B	W6MZQ	46,200	330	70	12	B	W6OAT	85,932	558	77	24	B	KF8QE	194,194	1261	77	24	B	
K5QY	169,554	1101	77	24	B	KK6WT	28,304	232	61	19	A	K6OJF	145,684	946	77	24	A	AABAV	168,494	1211	77	24	B	
NT5V	167,096	1085	77	18	A	N6GRJ	21,700	175	62	12	A	K6KXN	38,836	266	73	6	B	WB8HO	181,792	1196	76	24	B	
KCSNQ	145,950	973	76	18	A	W6DSV	16,644	146	57	3	B	K6EE	16,920	141	60	5	A	KE8KG	130,746	849	77	22	B	
W5FO	144,296	937	77	18	B	N6RBY	14,204	134	53	12	A	N6A	2,448	51	24	2	A	N8NVT	126,588	822	77	21	A	
WX0B	123,662	803	77	19	B	N6EK (+AA6LF,K6WF)	195,888	1272	77	24	B	W6NFO	70,984	467	76	21	A	KW8G	122,738	797	77	19	B	
NN5T	111,650	725	77	22	A	W6NFO	70,984	467	76	21	A	DJW,DJX,DWR,ECA,NHC,WAs	59,130	405	73	19	A	K8SB	101,178	657	77	24	A	
K5NW	108,262	703	77	8	B	W6NFO	70,984	467	76	21	A	JBR,JBT,W6DILJ	59,130	405	73	19	A	KABGM	88,060	629	77	20	A	
KC5DX	100,406	652	77	24	B	K6A3SE/6	66,722	457	73	24	A	WB2ODH/6	51,750	345	75	19	Q	WD8S	82,080	540	76	23	A	
WB0NSA	95,152	626	76	23	A	WBAGD5	145,838	947	77	23	A	K5T/T	129,450	863	75	24	B	N8MMB	80,850	525	77	15	B	
KF5QR	66,682	433	77	18	Q	WB8AE	94,800	632	75	24	B	AA7BG	76,760	505	76	14	A	WD8NFX	80,080	520	77	15	B	
AB5C	66,220	430	77	22	B	W6AEJ	9,800	160	45	24	A	KA7YR	58,064	382	76	21	A	N8GRY	78,848	512	77	21	A	
W5LKP	65,512	431	76	13	B	W6EYX	79,464	516	77	13	A	KB7QVD	20,008	164	61	17	A	N8FEH	78,386	509	77	23	A	
N5PSQ	61,600	400	77	17	A	K6HJO	72,534	471	77	24	A	KG7VQ	10,400	104	50	19	Q	N8FZD	76,692	498	77	22	B	
K15NE	54,880	392	70	24	B	W6NFO	70,984	467	76	21	A	N7MVX (+AA7OG)	59,130	405	73	19	A	K8SAK	74,148	501	74	21	A	
N5TUW	43,160	304	71	24	A	K6A3SE/6	66,722	457	73	24	A	WB2ODH/6	51,750	345	75	19	Q	WA8TOS	60,984	396	77	12	A	
KT5Q	38,836	266	73	21	A	WBAGD5	145,838	947	77	23	A	N6YJZ	15,892	137	58	14	A	K8RDJ	58,064	382	76	18	A	
KD5PJ	37,092	281	66	24	A	WB8AE	94,800	632	75	24	B	WB1HUE	4,884	66	37	3	Q	K8CV	56,850	379	75	12	A	
KE5ND	28,116	213	66	16	A	W6AEJ	9,800	160	45	24	A	N6KWW/N	2,160	45	24	4	A	AC8W	55,440	360	77	24	A	
KC5NT	28,098	223	65	24	A	W6EYX	79,464	516	77	13	A	WB6UW	1,320	33	20	2	A	WA8FRO	42,642	309	69	16	A	
N5TCO	24,180	186	65	11	A	W6GUU	18,216	132	69	8	A	N6AWF (+KA6TYU,K6KHG,N6s	44,200	405	73	19	A	KB8IFM	39,050	275	71	16	A	
KG5SC	17,958	123	73	8	A	W6JNN	15,128	124	61	18	A	AA6DX	47,360	320	74	14	A	WA8OJR	33,180	237	70	12	A	
KC5ND	16,800	150	56	10	A	KD6JP	12,876	111	58	10	A	WB6AVS/7	103,498	672	77	24	B	KB8APS	32,092	226	71	16	A	
W5MWW	15,376	124	62	5	B	WB9HBC	11,904	124	48	10	A	K7JMK	143,836	934	77	23	A	K8DD	28,482	303	47	7	A	
WD5ABC	11,300	113	50	8	A	N6XTT (+KC6sKUP,TXO,KG6IP,N6s	281,358	1827	77	24	B	AI7B	85,100	575	74	5	B	WB8AFQ	27,950	215	65	20	A	
W5FIO	10,080	112	45	6	B	WB6NRE	11,232	117	48	13	A	W7YQA	62,236	534	77	23	Q	WB8KZM	27,860	199	70	9	A	
W5K	8,850	75	59	9	A	WB6NRE	11,232	117	48	13	A	K7SDW	74,736	519	72	22	A	N8COA	26,980	190	71	18	Q	
K5OJI (KC3N,KB5SKY,ops)	24,166	1579	77	24	B	W6NRE	11,232	117	48	13	A	K7Y	53,352	351	76	15	A	WB8BUQ	25,578	203	63	9	A	
K5AVH (+NET)	21,868	142	77	24	A	WB6NRE	11,232	117	48	13	A	K7GKW	38,544	264	73	12	B	KF8BE	24,480	204	60	18	A	
Oklahoma						W6UJE (KA6SAR,N6LDU,W6AOTU,	303,842	1973	77	24	B	K6GJX	42,700	305	70	9	A	WD8R	23,460	170	79	69	A	
KM5H	239,316	1554	77	22	B	N6L	291,384	1917	76	24	B	WB6PZ (KM6NQ,N6sLVX,QHR,	152,922	993	77	24	A	WB8PY	23,270	179	65	13	A	
WM4Z (N5CG,op)	232,540	1510	77	24	B	WB6PZ (LBZ,YJP,ops)	51,100	350	73	24	A	WB6PR (+KB6SPH,N6WTL)	46,816	304	77	17	A	WB8HGM	20,880	174	60	15	A	
N5RXF	57,684	418	69	12	A	WB6PZ (N6N)	39,468	286	69	20	A	N6TNX (+N6TNW)	305,690	1985	77	24	B	N8XK	20,414	173	59	14	A	
AA5CO	32,512	254	64	5	A	WB6PZ (N6G,ops)	202,818	1317	77	23	A	WB7UJF	7,488	104	36	10	A	N8NJO	19,866	129	77	20	A	
N5OHL	31,376	212	74	24	A	WB6PZ (N6G,ops)	202,818	1317	77	23	A	W7IMP	18,696	123	76	8	B	N8LTM	19,700	145	68	15	A	
K15GX	26,838	189	71	8	A	WB6PZ (N6G)	202,818	1317	77	23	A	K7SS	17,690	213	65	21	A	N8LMT	17,228	146	59	7	A	
KB5LER	25,620	183	70	17	K	WB6PZ (N6G)	202,818	1317	77	23	A	WB6PZ (N6G)	202,818	1317	77	23	A	N8LMT	17,228	146	59	7	A	
KB5IIRL	22,176	198	56	17	A	WB6PZ (N6G)	202,818	1317	77	23	A	WB6PZ (N6G)	202,818	1317	77	23	A	N8LMT	17,228	146	59	7	A	
N5ZYB	19,154	157	61	13	A	WB6PZ (N6G)	202,818	1317	77	23	A	WB6PZ (N6G)	202,818	1317	77	23	A	N8LMT	17,228	146	59	7	A	
KA5ZCW	12,544	128	49	24	A	WB6PZ (N6G)	202,818	1317	77	23	A	WB6PZ (N6G)	202,818	1317	77	23	A	N8LMT	17,228	146	59	7	A	
W5LFS	11,858	77	77	24	B	WB6PZ (N6G)	202,818	1317	77	23	A	WB6PZ (N6G)	202,818	1317	77	23	A	N8LMT	17,228	146	59	7	A	
K2GK/K5	9,120	110	44	2	B	WB6PZ (N6G)	202,818	1317	77	24	B	WB6PZ (N6G)	202,818	1317	77	24	B	N8LMT	17,228	146	59	7	A	
AB5FS	3,410	55	31	16	A	WB6PZ (N6G)	202,818	1317	77	24	B	WB6PZ (N6G)	202,818	1317	77	24	B	N8LMT	17,228	146	59	7	A	
NJ1V (+K2GK,KB5BOB,W5WB5)	156,772	1018	77	20	B	WB6PZ (N6G)	202,818	1317	77	24	B	WB6PZ (N6G)	202,818	1317	77	24	B	N8LMT	17,228	146	59	7	A	
AB5EA (+KB5KRN)	285,054	1851	77	24	B	WB6PZ (N6G)	202,818	1317	77	24	B	WB6PZ (N6G)	202,818	1317	77	24	B	N8LMT	17,228	146	59	7	A	
WB5ZQ	86,876	587	74	21	A	WB6PZ (N6G)	202,818	1317	77	24	B	WB6PZ (N6G)	202,818	1317	77	24	B	N8LMT	17,228	146	59	7	A	
KB1ZQ/5 (+N1L2Q)	30,530	215	71	24	A	WB6PZ (N6G)	202,818	1317	77	24	B	WB6PZ (N6G)	202,818	1317	77	24	B	N8LMT	17,228	146	59	7	A	
K5EC (+NET)	63,448	412	77	8	B	WB6PZ (N6G)	202,818	1317	77	24	B	WB6PZ (N6G)	202,818	1317	77	24	B	N8LMT	17,228	146	59	7	A	
N5QVS (+K15UG,N5RBC)	54,264	357	76	24	B	WB6PZ (N6G)	202,818	1317	77	24	B	WB6PZ (N6G)	202,818	1317	77	24	B	N8LMT	17,228	146	59	7	A	
West Texas						WB6PZ (N6G)	202,818	1317	77	24	B	WB6PZ (N6G)	202,818	1317	77	24	B	WB8MM	125,510	815	77	23	A	
N5RZ	364,672	2368	77	24	B	WB6PZ (N6G)	202,818	1317	77	24	B	WB6PZ (N6G)	202,818	1317	77	24	B	WB8MM	125,510	815	77	23	A	
N5DO	123,508	802	77	24	A	WB6PZ (N6G)	202,818	1317	77	24	B	WB6PZ (N6G)	202,818	1317	77	24	B	WB8MM	125,510	815	77	23	A	
W5SR	118,272	768	77	24	B	WB6PZ (N6G)	202,818	1317	77	24	B	WB6PZ (N6G)	202,818	1317	77	24	B	WB8MM	125,510	815	77	23	A	
KA5VOZ	45,962	343	67	12	A	WB6PZ (N6G)	202,818	1317	77	24	B	WB6PZ (N6G)	202,818	1317	77	24	B	WB8MM	125,510	815	77	23	A	
KB5LMB	17,136	153	56	16	A	WB6PZ (N6G)	202,818	1317	77	24	B	WB6PZ (N6G)	202,818	1317	77	24	B	WB8MM	125,510	815	77	23	A	
KD5SP (+KE5H5R,K15ER,W5DEGS)	246,862	1603	77	24	B	WB6PZ (N6G)	202,818	1317	77	24	B	WB6PZ (N6G)	202,818	1317	77	24	B	WB8MM	125,510	815	77	23	A	
KG5OV (+NET)	12,012	78	77	21	A	WB6PZ (N6G)	202,818	1317																

W8SJJ	100,716	654	77	24	B	K3JT/8	7,072	104	34	24	A	KB9GMS (+N9EQH)	29,600	200	74	158	A	KC0GL	23,220	215	54	11	B	NN0Z	30,80	220	70	24	A						
NG8D	81,620	530	77	8	B	N8VUQ/T	4,104	76	27	6	A	K2QR (+N2JYA)	5,070	65	39	4	A	KA0CKN	20,584	166	62	15	A	KG0AD	24,656	184	67	8	A						
W8EDU (AF8A,op)	80,660	545	74	11	B	KF8UM (+N8s QIZ,VCF)	81,466	529	77	21	B							N0MEH	19,950	175	57	16	Q	N0ORV	24,400	200	61	16	A						
N6WLX/8	77,462	503	77	19	A							W0SPF	16,218	153	53	12	A	W2BM	22,680	189	60	15	Q	WD0CKF	12,864	134	48	13	A						
WT8C	77,308	502	77	14	A							WT0E	12,060	134	45	11	A	N0NID	11,808	123	48	7	A	K0GND (+N0s OFR,SAG,UZ, WA0WRI,WB0CLH)	178,332	1158	77	24	A						
W8UPH	76,220	515	74	22	A							KA0BAT	9,116	106	43	7	A	N0IXE (+K0b0s CXD,JPJ,JKP,KAQ, KAR,N0RHO)	57,256	421	68	24	A												
W8PLQ	64,368	447	72	14	A							KA0BDA	8,892	114	39	5	A																		
W8ILC	64,064	416	77	20	Q	W9X6	220,528	1432	77	24	B	W0AIH (KA0FOX,op)	255,948	1662	77	24	B	W0VQ (+NJBm,KB0KIE)	69,608	452	77	13	A												
WB8VPA	63,140	410	77	14	A	K9BGL	208,516	1354	77	24	B		189,574	1231	77	24	A	W0QQO (KA0JPM,KB0CAB,N0s KOQ,LXY,MEV,SJW,SJX,ops)	41,480	305	68	19	A												
WA8RJF	61,500	410	75	24	Q	WV9T	172,326	1119	77	24	A	NE0U	147,840	960	77	24	B	W0SOE (KA8QUN,A0A0s AT,FB, KB0BJC,KD0Y,KG0AP,N0s MEH,PDL,NDT,WD0EDK,ops)	14,248	949	76	24	B												
KE8NU	54,312	372	73	24	B	K9ZQ	170,324	1106	77	24	A	W9N9	135,058	877	77	24	B	W0V0H (+W0KXZ)	282,590	1835	77	24	B												
WA8YRS	44,814	291	77	16	A	W9XU	112,420	730	77	22	B	WA1UUJ	115,650	771	75	24	A	N0CR	12,036	118	51	9	A												
WA8KIW	44,250	295	75	16	A	WG9L	138,754	901	77	22	B	W9NA	80,388	522	77	15	A	KA0BHQ	11,526	113	51	10	A												
WV8P	43,650	291	75	24	A	WD9CIR	82,544	536	77	20	A	NE8J	97,636	634	77	24	B	AB0S (+K0WA,W0CEM)	249,788	1622	77	24	B												
WJ8E	41,292	279	74	15	B	K9LUW	80,234	521	77	22	A	W9OSH	60,800	400	76	16	A	W0VQ (+NJBm,KB0KIE)	69,608	452	77	13	A												
WA8OSE	40,040	260	77	14	A	WD9HTE	77,000	500	77	18	A	W9N9	63,536	418	76	19	Q	W0V0H (+W0KXZ)	177,450	1183	75	24	B												
WD8BZL	39,220	265	74	16	B	W9X9Q	70,560	490	72	24	A	W9RZW	16,200	150	54	8	A	W0VQ (+NJBm,KB0KIE)	14,248	949	76	24	B												
NW4G	35,520	240	74	9	A	W9X9T	61,754	401	77	11	A	W9NAW	11,858	77	77	7	B	W0VQH (+W0KXZ)	77,850	519	75	20	B												
KF8FU	33,110	215	77	11	B	W9DGGY	61,716	417	74	15	A	W9NAK	23,436	186	63	19	A	W0VQH (+W0KXZ)	22,600	408	76	24	A												
WJ8C	32,186	209	75	17	B	WE9A	54,900	366	75	17	A	W9N9K	23,436	186	63	19	A	W0VQH (+W0KXZ)	62,016	408	76	24	A												
WV8B	31,602	229	69	9	A	WB8GKA	51,984	361	72	16	A	W9N9L	23,436	186	63	19	A	W0VQH (+W0KXZ)	88,550	575	77	24	A												
N1BL	31,222	233	67	9	A	WA8DRE	51,450	343	75	16	B	W9N9M	23,436	186	63	19	A	W0VQH (+W0KXZ)	10,100	650	77	18	B												
WA8TWM	30,800	200	77	11	A	WD9GIC	50,078	343	73	14	B	W9N9Q	23,436	186	63	19	A	W0VQH (+W0KXZ)	14,076	153	46	24	B												
N8K8Q	30,338	197	77	14	A	WD9HTE	49,202	337	73	19	A	W9N9R	23,436	186	63	19	A	W0VQH (+W0KXZ)	17,850	519	75	20	B												
WW8O	27,512	181	76	16	A	N2CKZ	49,202	337	73	19	A	W9N9S	23,436	186	63	19	A	W0VQH (+W0KXZ)	12,000	350	69	12	A												
AA4YZ	26,412	186	71	12	Q	W9B9MW	32,208	244	66	17	A	W9N9T	23,436	186	63	19	A	W0VQH (+W0KXZ)	10,100	650	77	18	B												
WA8LOW	26,208	182	72	11	A	K9GH	43,632	303	72	17	A	W9N9U	23,436	186	63	19	A	W0VQH (+W0KXZ)	12,000	350	69	12	A												
WS8S	24,486	159	77	17	A	K9EYR	39,270	255	77	8	B	W9N9V	23,436	186	63	19	A	W0VQH (+W0KXZ)	12,000	350	69	12	A												
WA8MEM	24,440	188	65	24	A	K9BDNK	38,468	326	59	9	A	W9N9W	23,436	186	63	19	A	W0VQH (+W0KXZ)	12,000	350	69	12	A												
N5ACP	23,864	157	76	24	B	AC9C	35,778	267	67	3	A	W9N9X	23,436	186	63	19	A	W0VQH (+W0KXZ)	12,000	350	69	12	A												
K8BDP	23,856	168	71	17	A	K9BYO	34,048	224	76	13	A	W9N9Y	23,436	186	63	19	A	W0VQH (+W0KXZ)	12,000	350	69	12	A												
W8HNO	23,424	183	64	16	B	KE9WQ	34,036	256	67	13	A	W9N9Z	23,436	186	63	19	A	W0VQH (+W0KXZ)	12,000	350	69	12	A												
KF8ES	22,046	151	73	14	A	K9XR	32,234	227	71	8	A	W9N9A	11,858	77	77	7	B	W0VQH (+W0KXZ)	12,000	350	69	12	A												
N8FUP	20,460	165	62	4	A	KB9BMM	32,208	244	66	17	A	W9N9B	11,990	111	45	5	A	W0VQH (+W0KXZ)	12,000	350	69	12	A												
N8UDT	19,352	164	59	9	A	W9KJ	29,600	204	74	15	A	W9N9C	12,000	350	69	12	A	W0VQH (+W0KXZ)	12,000	350	69	12	A												
QK8M	18,944	148	64	5	A	W9MDO	18,396	146	63	24	A	W9N9D	12,000	350	69	12	A	W0VQH (+W0KXZ)	12,000	350	69	12	A												
WD8AJF	18,788	154	61	24	A	W9WBP	21,290	154	72	14	A	W9N9E	12,000	350	69	12	A	W0VQH (+W0KXZ)	12,000	350	69	12	A												
N8BWF	18,696	136	43	3	B	W9WBP	21,290	154	72	14	A	W9N9F	12,000	350	69	12	A	W0VQH (+W0KXZ)	12,000	350	69	12	A												
N8FSQ	11,556	107	54	8	A	W9WBP	17,466	123	71	17	A	W9N9G	12,000	350	69	12	A	W0VQH (+W0KXZ)	12,000	350	69	12	A												
N8EY7	10,584	108	49	16	A	W9WBP	16,236	198	41	20	A	W9N9H	12,000	350	69	12	A	W0VQH (+W0KXZ)	12,000	350	69	12	A												
W8IMF	10,200	100	51	9	B	W9WBP	15,846	139	57	24	A	W9N9I	12,000	350	69	12	A	W0VQH (+W0KXZ)	12,000	350	69	12	A												
N8INT	10,200	102	50	11	A	W9WBP	15,620	142	55	13	A	W9N9J	12,000	350	69	12	A	W0VQH (+W0KXZ)	12,000	350	69	12	A												
K8DHK	9,996	102	49	3	A	W9WBP	15,400	151	52	9	A	W9N9K	12,000	350	69	12	A	W0VQH (+W0KXZ)	12,000	350	69	12	A												
K8BJSV	9,360	104	45	9	A	W9WBP	15,096	151	68	11	A	W9N9L	12,000	350	69	12	A	W0VQH (+W0KXZ)	12,000	350	69	12	A												
W8TQ	9,216	96	48	5	A	W9WBP	14,784	151	68	11	A	W9N9M	12,000	350	69	12	A	W0VQH (+W0KXZ)	12,000	350	69	12	A												
N8WBF	9,200	100	46	10	A	W9WBP	14,450	153	68	11	A	W9N9N	12,000	350	69	12	A	W0VQH (+W0KXZ)	12,000	350	69	12	A												
N8KQJ	8,284	109	38	9	A	W9WBP	14,120	153	68	11	A	W9N9O	12,000	350	69	12	A	W0VQH (+W0KXZ)	12,0																