

Results, 52nd ARRL November Sweepstakes

Over 1600 amateurs played in Amateur Radio's most popular stateside contest. Were you one of them?

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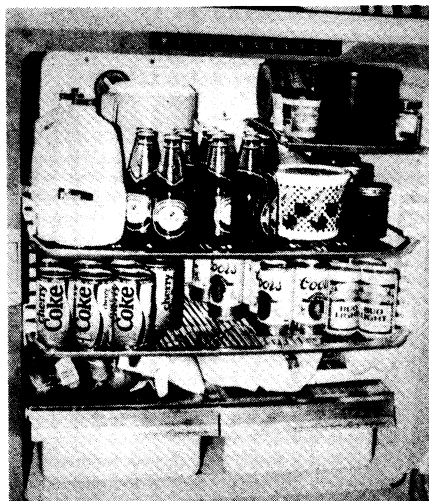
The months of October and November are unquestionably the busiest time of the year for testers. In a five-week period, four are occupied by major operating events. What's a tester to do? That's easy. (1) Stock the fridge; (2) Send the family to visit the in-laws; (3) Pull up a chair, turn on the rig and enter the November Sweepstakes!

Since the first running over half a century ago, November SS has remained a challenging first-rate event, a tribute to the League's traffic-handling beginnings. How *couldn't* Sweepstakes be a challenge—even the name sounds exciting!

Why did *you* enter? Was it to run that new killer antenna to blow away the station that beat you by 3 QSOs last year? Or maybe to check out your new \$25 wonderbargain transceiver? Perhaps to work those few final states for WAS? Whatever the reason, the 1625 participants who added their entries to the 11-foot-high pile of Sweepstakes logs on the ARRL Contest Desk had one thing in common: to have a good time with one of Amateur Radio's most popular stateside events.

CW Sweepstakes has traditionally been a single-operator, low-power event, and 1985 proved no different. The droves of single operators in the "A" (<150-W output) category outnumbered the high-power entrants by a margin of almost 2 to 1 (464 to 265).

The popular low-power top position was decided easily this year, with K4JPD (operated by N4ZZ) making a clean sweep and breaking the 1050-QSO mark to surpass runner-up KZ6E by 23,000 points. That's where the easy decisions ended, however. N6ND finished third, with 132 k, less than 2 k behind. NI6W and N7TT



A well-stocked fridge is the first step in a successful SS operation. (N9FIV photo)

complete the low-power top five.

As was expected, the high-power top slot was the most sought after. Less than 5,000 points separated the top 5. It took K6LL an all-out effort to muster the 174,196 points necessary to top the list. Second through fifth were even tougher to call, as just 500 points separated numbers 2 and 3 (K4VX and N5JJ). Only the width of a spark gap separated fourth-place W5WMU (K5GA, opr) from Arizona's KY7M. What a fight!

Did someone say clean sweep? CW entrants were treated with outstanding conditions, especially on 160, 80 and 40. Of the 772 brass pounders who graced the airwaves on November 2-3, 108 managed to work all 74 ARRL Sections. A whopping 146 out of 832 phone entrants managed the same just two weeks later. Congratulations to the 41 stations who worked a sweep on both modes. Good work!

The phone portion of the contest, held on November 16-17, brought in 832 logs. As on CW, the low-power single-operator class was the most popular, with 399 entries checked in by the HQ Contest Desk.

North Texan KE5CV topped the list, working 1164, with a clean sweep in the process. Illinois' K2PLF fell only 1 Q short of the 1100-mark, to snag second place. A photo finish was needed to call the race for third spot, with KM5H edging out KY2P by less than 500 points. K0SCM was number 5.

Only 339 phone operators decided to use the "big rig" this time out. Of the high-power top five, only one, second-place N6BV, wasn't a hired gun. The 275 kilopoints earned by W6OAT at WA7NIN was plenty to gain Rusty single-op honors. KQ2M played at N2IC to the tune of 269 k for number 3. Chip, K7JA, operated K6NA to beat out KR0Y (skipper of K4VX) for fourth.

A total of 137 stations entered the multi-operator category: 43 on CW and 94 on phone. On CW, AA5B and the gang edged out KJ9D and crew by just over a thousand points. With consistency the key, and the ops at AA5B have it, topping the multiop phone top ten as well, holding off a rush from the ops at N5KW and WB8JBM,

Division Leaders—CW

Division	High Power	Low Power	Multioperator
Atlantic	W3LPL	K2ZJ	W2CXM
Canada	VE7CC	VE7IN	—
Central	K9KM	K9UIY	KJ9D
Dakota	K0SR	K3WT	W8AA
Delta	W5WMU (K5GA)	KM5G	—
Great Lakes	WD8IXE	N4TY	W8LT
Hudson	W2RQ	KY2P	KW2D
Midwest	K4VX	K0SCM	K0WA
New England	K5ZD/1	KM1C (W1PH)	KS1N
Northwestern	N6TR/7	N7TT	K7LXC
Pacific	WA7NIN (W6OAT)	N6GG	—
Roanoke	N8II (K8C)	WC4B	W4RV
Rocky Mountain	KC0D	W0JR (K0EU)	AA5B
Southeastern	N4WW (K0LZU)	K4JPD (N4ZZ)	N4KG
Southwestern	K6LL	KZ6E	W6FSF
West Gulf	N5JJ	N5JB	K5CG

Division Leaders—Phone

Division	High Power	Low Power	Multioperator
Atlantic	K3ZO	WA3EKL	W3GNQ
Canada	VG3XN	VE7IN	VE3GA3
Central	AC9C	K2PLF	KK9V
Dakota	WA3PWL	K0TT	K0VY
Delta	K5GO (KM5G)	K5FUV	W5EW
Great Lakes	WD9INF	WD8MGQ	WB8JBM
Hudson	W2XL	KY2P	K5NA
Midwest	K4VX (KR0Y)	K0SCM	AB0S
New England	W1WEF	W1FM	N1AU
Northwestern	N7TT	W7YAQ	NK7U
Pacific	WA7NIN (W6OAT)	N6EK	W8BIP
Roanoke	N4ZC (WA8MAZ)	W3YY	KC4DY
Rocky Mountain	N2IC (KQ2M)	KS0E	AA5B
Southeastern	N4KG (K4ZV)	WC4E	N4WW
Southwestern	K6NA (K7JA)	W6FGV	KF6OG
West Gulf	WS4Q	KE5CV	N5KW

Affiliated Club Competition

	Score	Entries	Phone Winner	CW Winner		Score	Entries	Phone Winner	CW Winner
Unlimited Category									
Society of Midwest Contesters	3,648,960	51	AC9C	K9KM	Western Washington DX Club	423,730	9	KE7C	K7WA
Medium Category									
North Texas Contest Club	3,919,474	40	N5AU	N5AU	Central Florida DX Assn	423,582	3	N4SA	N4SA
Potomac Valley Radio Club	3,260,736	40	K3ZO	W3LPL	Rockford ARA	423,040	9	K9IKP	K9IUI
Texas DX Society	2,970,908	25	N5DU	K5LZO	Rochester (NY) DX Assn	414,962	6	W2HPF	W2TZ
Yankee Clipper Contest Club	2,777,368	40	KM1C	W2RQ	Eastern Michigan ARC	408,150	9	WD9INF	K8DD
Northern California Contest Club					Fox River Radio League	380,092	6	K9LUW	K9LUW
Minnesota Wireless Assn	2,663,989	23	WA7NIN	WA7NIN	Reading Radio Club	369,608	5	WA3SPJ	KS3F
Murphy's Marauders	2,613,870	37	N8AT	K8SR	Salt City DX Assn	329,600	7	KU2X	K2ZJ
Mad River Radio Club	2,145,072	30	W1WEF	W1WEF	Zygo ARC	328,814	9	KA1MWX	W1ECH
Colorado Contest Conspiracy	1,792,234	21	N8CXX	WD8IXE	Arkansas DX Assn	306,579	4	K5FUV	W9OBF
Central Arizona DX Assn	1,670,330	18	KS0E	K8D	Murgas ARC	296,664	7	WB3EMG	K8JJK
Southern Jersey Radio Assn	1,182,136	35	K7OX	KY7M	Eastern Iowa DX Assn	279,108	3	W8EJ	W8EJ
Southern California Contest Club			ND2P	W2LYL	Lincoln ARC	264,416	3	K8SCM	K8SCM
Frankford Radio Club	794,042	10	N8BJQ/6	W6AQ	Saginaw Valley ARA	248,608	4	K8DO	W8QM
Central Michigan ARC	758,316	8	N2MM	KY2P	IBM Owego ARC	219,896	4	N2NW	N2NW
Radio Club of Tacoma	600,778	20	K8CY	W8SH	Fort Wayne Radio Club	216,690	3	N18L	K9FW
Northrop Radio Club	452,272	13	W7BUN	W7BUN	Rip Van Winkle ARS	202,204	4	W2DW	W2DW
North Island Mobile ARC	308,892	13	N6BLH	W6BIL	Lynchburg ARC	191,052	5	WB4ZPF	AA4FF
Falmouth ARA	289,134	12	WB2DIN	W2DX	Four Lakes ARC	186,248	4	NB9C	NB9C
Valley RC of Eugene	274,696	5	K5MA	K2AB	Grand Mesa Contesters	176,394	3	—	KJ0G
OH-KY-IN ARS	95,688	4	AI7W	K7DBV	Utica ARC	169,334	6	NA2A	NA2A
	57,658		KD8TE	KF4AV	Northern Florida ARS	168,820	4	NU4Y	NU4Y
Local Category									
Rubber Circle Contest Club	1,015,564	8	N7TT	KB7G	Schenectady ARA	155,294	4	K2UF	K2UF
Overlook Mountain ARC	850,276	9	W2XL	K5NA	West Park Radiops	155,618	7	WD8AJF	W8IDM
Albuquerque DX Assn	680,164	5	N5DVY	AA5B	Kettle Moraine Radio Amateurs	133,146	5	N9KS	K9EZ
Kansas City DX Club	676,400	8	KU0G	KM0L	Athens Co ARC	126,006	4	NC8V	—
Willamette Valley DX Club	634,826	7	AI7B	K5MM/7	Ventura Co ARC	123,416	3	K6VMN	—
River City Contesters	583,766	7	KV6H	NB6G	Western Pennsylvania DX Assn	107,706	4	AD8J/3	W2UP
Hoosier Contesters	526,084	8	KK9V	W9JOO	Northern New Mexico ARC	105,678	3	N5EPA	N5EPA/m
Dixie DXers	508,794	6	K4BAI	K4BAI	Wichita ARC	104,844	3	N10S	W8AWP
Mississippi Valley DX/CC	473,456	8	W0HBH	W0HBH	Dauberville DX Assn	80,990	3	N3CHL	N3CHL
					L'anse Creuse ARC	76,138	4	N8ESK	W8VEB
					Southern Jersey DX Group	69,582	3	NC2V	K2JF
					Western New York DX Assn	32,800	3	WB2ABD	WB2YQH
					Burlington Co Radio Club	31,508	3	N2VW	—
					Lockport ARA	26,256	3	WA2WPI	—

Single Op Top Ten

Phone	Score	CW	Score
WA7NIN (W6OAT)	275,132	K6LL	174,196
N6BV	271,580	K4VX	172,716
N2IC (KQ2M)	268,768	N5JH	172,272
K6NA	265,808	W5WU	170,348
(K7JA)		(K5GA)	
K4VX	263,736	KY7M	170,052
(K8BY)		K5LZO	168,276
WS4Q	260,480	W6AQ	167,388
N5AU	256,632	(WA6OTU)	
(WB5VZL)		K5GQ	166,500
WC8H	254,708	WA7NIN (W6OAT)	166,204
N5DU	253,524	K5GN	165,760
NR5M	248,640		

Low Power Top Ten

Phone	Score	CW	Score
KE6CV	172,272	K4JPD (N4ZZ)	157,768
K2PLF	162,652	KZ6E	134,088
KM5H	159,692	N6ND	132,312
KY2P	159,248	N16W	128,908
K8SCM	155,490	N7TT	126,984
KS0E	152,736	W8JR	126,244
WD8MGQ	151,548	(K0EU)	
W3YY	151,404	KY2P	125,414
KV0I	148,740	K7UP	125,356
N18L	121,472	KM1C	122,988
		(W1PH)	
		WC4E	122,840
		N5JB	122,840

Multioperator Top Ten

Phone	Score	CW	Score
AA5B	262,848	AA5B	162,504
N5KW	256,484	KJ9D	161,468
WB8JBM	255,744	N5CG	153,180
K0GU	244,792	W8AIH	145,336
NK7U	234,728	K7LXC	143,708
KN6M/5	229,992	N4KG	140,896
N10E	225,404	K5RR	139,564
N4WW	217,412	N0IN	134,620
KK9V	213,564	KE7C	131,572
K0VVV	199,208	K0WA	129,210

who finished second and third, respectively.

Affiliated Club Competition took an interesting turn this year, with only one club managing to enter the unlimited category. Congratulations to the Society of Midwest Contesters, who put together 51 entries totaling 3.648 M. Great job! In the medium category, the North Texas Contest Club, the Potomac Valley Radio Club and the Yankee Clipper Contest Club all submitted 40 entries. NTCC had a higher average score, however, and took the gavel. The Overlook Mountain ARC had 9 entries to the Rubber Circle Contest Club's 8 in the local category, but RC 3 had the higher aggregate score, for the second local category gavel in as many years.

Club Secretaries Note: This year, several clubs failed to send the Contest Branch a current roster. Others claimed the "local" category when they in fact did not qualify. Please read "Club Competition Rules and Contest Disqualification Criteria," which appears each year in January QST, before sending in your next roster. Also, be sure to send it in before the mailing deadline for that particular contest. Thanks!

SOAPBOX

Contest was a real disaster for me! (K1XA). Where was



Pull up a chair (KA9FJZ shown here).

everyone? Were band conditions really that bad, or did I have the wrong weekend? (KA1MTK). The flu and RF getting into my computer got the best of me (WB1CNM). Don't know what was harder, the contest or getting up for work Monday (KZ1M). Fire flashed out the top of the amp, the house lights dimmed, the plate meter crashed into the peg leaving a quarter-inch stub, and the family came running down the stairs to see what happened (K5NA). My first look at contesting from the East Coast (K0DI). Best SS ever! (N2EY). Shortly before the contest started my rotator ground to a stop (W4BTZ). Somehow I missed VE4 ... dumb dumb dumb. After all those years of putting with wires, it sure is nice to operate with good antennas. The sweep was easy! Great time! Thanks to N4ZC for letting me play his station (WA8MAZ). Only twice did I receive a serial number lower than the one I sent (N4JEO). Can't understand why 45 WPM with 3 repeats is better than 20 WPM and no fills (KW1K). I worked AL7CQ on 40 CW for number 74 with only 25 minutes left (AA4FF). 'Twas a lot harder to work all 74 than I thought (KA5KWK). It's hard to hold a frequency with A power. In fact it's hard to do anything with A power! Still had fun (KY5N). Enjoyed the contest operating QRP (N4MKK). Worked all 74! (W6JTI). My first SS! Great! (N7DM). Where were all the newcomers? (W7GB). This was my second contest. The first was Novice Roundup. What a difference! (KA8VDX). I fired up my Century 21 and waded among the big guns (N8DGO). Contesters are a very special breed. I salute them (N8DGO). Where were 10 and 15 meters? (K9JU). I must be jinxed (K9JU). Thanks to those who took the time out to wish an Old Timer good luck in response to my check of 23—age 80 in Feb 86 (W0AWP). First contest since signing KG6AQI in the 60s (K0HB). 75% of stations had Extra

calls. Where was everyone else? (WA3PWL). No CW filter! Nuff said! (VE4ALO). Guess I must put up a beam. My wire antennas just don't make it! (W1ECH). Our team's effort posed no serious threat to the big guns, but we sure enjoyed it (N1DLS). I found the contesting chapter of the ARRL Operating Manual to be a big help in my first Sweepstakes (N1CGL). It was a much better contest than last year. Propagation was great. Maybe I will put off retiring from the SS for a few years (W1GQR). I had a lot of fun, but how do you contest and keep track of a 14-month-old? (WA1TBV). After years of indoor antennas, barefoot rigs and straight keys, my new QTH brought beams, amps and keyboards. I miss the old challenge and hate the TVI! Lots of fun (WA2ASQ). Working 43 states in 12 hours was a thrill (KA3OAX). First Sweepstakes in over 6 years, now I remember the fun I've been missing (WB3JFS). Great fun but how do you hold out for 24 hours? (KB4LSE). I learned a whole bunch about contesting! (KB4AMA). Boy! Have all the call signs changed since my last SS in '79! (W2MZE). WA7ZZY had a tough time sorting out K3JT and N3JT when both called him simultaneously! (N3JT). First 2 hours on phone and CW yielded 477 QSOs and 103 multipliers (AA5B). Murphy hit halfway through the contest. I finished barefoot (N5DD). Sure didn't think



Saskatchewan's own VE5GF worked 349 QSOs from this well-equipped station.

I would be on 20 until after midnight! (KM5H). I think Sweepstakes is a great contest (K6VMN). It was an interesting contest and I am glad it's over for a year (W6OAT). Great short skip on the higher bands Saturday night (KW8N). This was my best ever SS phone using low power (K2PLF). What fun! What TVI! Darn those poor TV's! (KA9IMX). My first clean sweep in 20 years of SS! (W9JOO). Funny how being ignored and trampled on could be so much fun! (KA0RVX). My 3-year-old son ran around all weekend yelling "CQ" (WB0VFW). A lot of fun was had by all and once we got the antennas to resonate where they were supposed to, we were off to the races (VE3NAR).

FEEDBACK

Please refer to May 1985 QST, pages 74-80, for the following corrections. On phone, in the Northern Texas Section, K5RR's line score should have read 241,536-1632-74. N5AU's score was 241,092-1629-74. This places them fourth and fifth nationally.

On CW, in Eastern Pennsylvania, add K3WGR 45,158-337-67-10-A. Kentucky low-power winner was K3PI. In Montana, K0PP/7 was also a low-power entry. In Ohio, both N8CSL and K8DB were operated by K8MR.

Scores

CW scores are listed first, followed by phone. Within each call area, scores are listed by ARRL sections. Within each section, single-operator 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). Example: in Connecticut, W1WEF worked 1008 stations in 74 sections for a final score of 149,184 points. He operated for 24 hours and used more than 150 watts.



CW

Connecticut	K1IU	113,150	775	73	21	B	WA2UDT	1,804	41	22	1	A	K3JLD	60,996	442	69	19	A	North Carolina				
	KU1X	87,360	624	70	20	B	N2DUB	112	8	7	2	A	K3MQH	60,032	469	64	24	A		N4ZC (WABMAZ, opr)			
	KA1GQW	67,620	483	70	19	A	K2GQ (W2QR, WA2s JSB, MYZ, NXW, VFP, KA2s EYH, HJH, NWE, RSH, USU, ZMP, WB2GJE, oprs)	18,354	161	57	22	B	K3TX	55,200	400	69	18	B			130,810 896 73 23-B 95,040 660 72 15-B NK4O 45,780 327 70 22-A N4JEO (+ WB4DNP) 12,550 123 51 7-A		
	K1VJSJ	23,520	196	60	10	A	N2MM	123,824	872	71	19	B	K3KOL	44,850	345	65	23	A					
	NA4R	14,058	99	71	8	A	AB2E	86,194	607	71	18	B	WA3MVP	36,666	291	63	14	A				N4AA 130,810 896 73 23-B	
	W1RFQ	9,180	90	51	10	A	W2LYL	76,024	559	68	20	A	KB3JK	22,388	193	58	14	B				N4AO 95,040 660 72 15-B	
	W1OP	42,496	332	64	24	A	W2EA	49,664	388	64	20	A	N3CHL	15,120	140	54	14	A				NK4O 45,780 327 70 22-A	
	Vermont	WB1GQR	118,854	837	71	24	B	K2HPV	41,580	315	66	14	A	K3VW	11,970	133	45	3				B	N4JEO (+ WB4DNP) 12,550 123 51 7-A
	W1LIR	100,110	705	71	22	B	K2YV	40,920	341	60	6	B	AG3G	10,500	125	42	7	A				Northern Florida	
	W3SOH	53,600	400	67	19	A	WB2UVB	40,170	309	65	17	A	KR3I	7,052	86	41	5	A				N4WWW (K0LUZ, opr) 161,320 1090 74 24-B	
W1KRV	49,266	357	69	16	A	NC2V	38,430	305	63	15	A	KB3GL	5,760	80	36	7	A	N4EEB 125,244 882 71 24-B					
W1HJX	8,800	100	44	7	A	NC2RF	38,114	323	59	15	A	KC3NM	3,306	57	29	7	A	W4CE 122,640 830 74 23-A					
WA1GUV	1,160	29	20	1	A	K2OSV	34,944	273	64	13	B	N3CZB	3,108	42	37	8	A	N4SA 122,648 826 74 19-B					
Western Massachusetts	KB1W	100,940	721	70	19	A	W2PAU	33,666	249	67	9	B	K3WW (+ net)	49,580	335	74	10	B	N4UY 43,584 307 71 14-A				
K21M	62,764	442	71	21	A	W2FDJ	31,680	264	60	22	A	Maryland-DC	W3LPL	162,060	1095	74	24	B	W4WKO 37,092 281 66-16-B				
WA1ZAM	17,052	147	58	10	B	ND2P	19,722	173	57	15	A	K3ZO	146,000	1000	73	24	B	WB2ZAY 18,432 192 48 17-A					
KV1W	14,768	142	52	12	A	K2JF	19,152	166	57	11	A	W3GNQ (KF3P, opr)	125,948	851	74	24	B	AA4J 8,428 86 49 4-A					
NC1B	7,488	96	39	24	A	WB2QNH	14,892	146	51	5	A	K3ZZ	122,400	850	72	24	B	WD4ILO (W4ILE, opr) 7,308 87 42 3-A					
KA1KPH	4,686	71	33	3	A	N2EZ	11,712	122	48	10	A	N3CW	117,300	850	69	24	B	KF4GZ (+ KF4HA) 13,892 151 46 14-A					
KS1N (+ WB1s EYL, HIH)	79,660	569	70	19	B	N2W	8,554	91	47	7	B	K3HPG	89,206	611	73	19	A	South Carolina					
2						WB2DIN	8,554	91	47	7	B	W3HVQ	81,900	585	70	22	B	N4WL 69,138 501 69 20-A					
Eastern New York	K1IZM	153,328	1036	74	24	B	W2BLV	8,134	83	49	4	A	K3SA	71,712	498	72	12	B	W9LO 56,856 512 69 17-A				
K5NA	132,276	906	73	24	B	W2PAZ	2,900	50	29	6	A	W3GN	70,858	499	71	18	B	N4EE 33,864 249 68 16-A					
WA2STM	88,480	632	70	22	A	KA2M5M	1,440	30	24	13	A	W3AZ	61,776	429	72	17	B	W4FOF 10,296 99 52 17-A					
K2UF	60,582	439	69	20	A	KA2COX	6	3	1	1	A	W3UJ	59,478	431	69	15	B	KA4LHV 3,920 70 28 4-A					
NJ2L	53,992	397	68	12	B	N2BDR	6	3	1	1	A	W3FA	56,816	424	67	20	A	Southern Florida					
W2DW	53,868	402	67	16	A	WA2MGV	6	3	1	1	A	W3FG	46,150	325	71	10	A	N4BP 149,650 1025 73 24-B					
K2EK	52,520	404	65	8	B	Western New York	K2ZJ	108,478	743	73	24	A	K3TM/3	42,624	333	64	8	B	AA4GS 49,664 388 64 13-A				
KC2TF	34,320	286	60	10	A	K2UJ	67,716	513	66	17	A	W3FCR	35,624	292	61	16	A	KW1K 48,438 351 69 24-A					
KN2Q	28,320	236	60	9	B	N2NW	66,866	499	67	24	A	W3PQE	1,850	37	25	2	A	N5FY 40,656 308 66 24-A					
AA2Y	19,482	191	51	8	A	W2TZ	66,792	506	66	11	A	K3KU	736	23	16	1	B	K4XB 37,884 287 66 17-A					
WB2SPN	7,800	100	39	8	A	K2MQY	64,170	485	69	22	A	Western Pennsylvania	NA4GT	22,656	192	59	16	A	NA4VT 22,656 192 59 16-A				
W2NDR	7,008	73	48	12	A	W2GJ	55,020	393	70	14	A	WA3WAW	59,276	406	73	20	A	KO4D 22,554 179 63 11-B					
KA2Q	494	19	13	6	B	K2QK	52,048	410	64	15	A	W3HDH	43,400	310	70	8	B	WB4V 16,008 138 58 14-B					
KW2D (+ KA2RLH, KC2KK)	78,896	534	72	21	A	W2EYF	44,680	330	68	8	B	AG3H	39,336	286	66	14	A	W9GWK/4 12,648 124 51 9-A					
WA2UKP (+ WA2JQK)	24,600	205	60	16	B	WA2HPA	38,400	300	64	18	A	K3SO	33,516	266	63	14	B	Tennessee					
New York City & Long Island	K2SX	104,390	715	73	17	B	NM2J	32,508	258	63	22	B	W2UP	31,284	237	66	5	A	KA4TA 91,590 645 71 12-B				
K2AU	93,878	643	73	20	B	N4TW	30,336	237	64	10	A	K3MD	29,160	243	60	5	B	KO4O 75,348 546 69 17-A					
KA2UJH	64,284	487	66	22	B	NA2Q	20,960	208	60	7	A	K3TB	27,720	198	70	18	B	WMAZ 73,584 511 72 19-B					
K2YGM	25,080	209	60	6	A	WB2YQH	14,200	200	71	13	A	K3UA	15,912	153	52	4	A	AA4DL 24,662 209 58 11-A					
W2KTF	12,496	142	44	4	A	WB2U	10,706	101	53	4	A	KS1F	15,120	140	54	5	A	AA4MN 20,988 159 66 11-B					
K2HVN/M	11,000	110	50	3	A	W8VW	8,400	100	42	3	A	Alabama	W4FLW	9,292	101	46	1	A	W4FLN 20,988 159 66 11-B				
W2DF	10,742	131	41	7	B	N2TW	8,112	104	39	4	A	WB4VKW	27,700	231	60	8	A	K4XO 1,250 25 25 1-A					
NB2FV	7,752	102	38	16	A	N2GU	7,800	100	39	5	A	N4KG (+ KA2ZV)	140,896	952	74	24	B	Virginia					
WB2EAV	672	24	14	2	A	KK2B	5,254	71	37	4	A	Georgia	K4JPD (NA4ZZ, opr)	157,768	1066	74	24	A	W3YV 104,654 737 71 18-B				
W2TNI	30	5	3	2	A	W2MXX	1,056	33	16	15	A	K4BAI	150,664	1018	74	24	B	W4CB 87,920 628 70 24-A					
N2FIG	2	1	1	1	A	KW2CX (AG1M, N1AEP, WB2LJK, oprs)	96,768	672	72	24	B	W4BTZ	115,924	794	73	24	B	AA4FF 85,692 579 74 20-A					
Northern New Jersey	W2RQ	154,956	1047	74	24	B	W2OW (KA2TIE, KB2KW, KD2GB, N2s CTC, HR, NE2W, N1ZT, N6IN, oprs)	91,494	683	69	22	B	W4MM	82,880	580	74	16	A	K4BAM 69,690 505 69 21-A				
W2RQ	154,956	1047	74	24	B	KW2J (+ W2IMO)	54,648	396	69	24	A	K4JPD (NA4ZZ, opr)	157,768	1066	74	24	A	W4XD 59,924 422 71 16-B					
W2RQ	154,956	1047	74	24	B							K4BAI	150,664	1018	74	24	B	N3OS 58,374 423 69 19-A					
												W4BTZ	115,924	794	73	24	B	NKSI 57,664 424 68 17-A					
												W4MM	82,880	580	74	16	A	W4YE 56,000 400 70 11-A					
																		KA4JM 54,270 405 67 10-A					

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South Dakota				
WAGNSY	6,120-	85-	36-	16-A
K8VYV (KB0QA, KD8GV, N8FLZ, WD8CXU, oprs)				
	119,288-	806-	74-	24-B
VE				
Maritime-Newfoundland				
VE1FH	71,676-	543-	66-	16-B
VE1BEI	24,476-	211-	58-	13-A
Quebec				
VE2AQP	54,648-	396-	69-	21-B
Ontario				
VE3ART	109,752-	807-	68-	20-B
VE3GFN	38,090-	293-	65-	12-B
VE3BNB	22,560-	189-	80-	13-A
VE3GG	4,402-	71-	31-	2-A
VE3ST	3,498-	53-	33-	1-A
VE3NYT	2,184-	52-	21-	8-A
Manitoba				
VE4ALO	64,998-	471-	69-	20-B
VE4AEX	23,058-	189-	61-	17-A
Saskatchewan				
VE5UF	99,134-	679-	73-	23-B
VE5VP	25,200-	225-	56-	18-A
Alberta				
VE6ADK	33,512-	284-	59-	23-A
British Columbia				
VE7CC	146,224-	988-	74-	23-B
VE7JN	56,496-	428-	66-	19-A
VE7GDX	54,020-	385-	74-	23-A
VE7IQ	32,004-	254-	63-	16-B
Yukon-NWT				
VE8QST (KWSP, opr)				
	53,780-	384-	70-	23-B
VE8GD	7,134-	87-	41-	11-A

PHONE

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Connecticut

W1WEEF	223,036-	1507-	74-	24-B
K1WA	158,702-	1087-	73-	22-B
K1NYK	127,132-	859-	74-	21-B
K1AIVC	118,406-	811-	73-	18-B
K8HVT	94,608-	648-	73-	14-B
K2RUR	85,698-	621-	69-	15-B
K1EFI	79,624-	538-	74-	13-B
W1GNR	75,828-	534-	71-	22-B
N1CC	73,130-	515-	71-	16-A
K1DM	71,260-	509-	70-	18-B
W1LWV	70,148-	494-	71-	19-B
K1IN	65,100-	465-	70-	19-B
N1JW	53,900-	385-	70-	11-B
K1HY	50,544-	351-	72-	10-B
K1MXX	42,504-	308-	69-	17-A
K1DII	39,000-	300-	65-	10-A
W2ZWIP	37,950-	275-	69-	8-A
K1EM	35,380-	260-	68-	6-B
W1ECH	34,262-	261-	61-	10-A
W1NLD	33,440-	265-	55-	17-A
W1BDT	32,574-	307-	61-	14-A
K1BV	27,960-	233-	60-	5-B
K1RM	24,192-	224-	54-	4-B
W1TKG	22,790-	215-	53-	16-A
K1ATJ	20,888-	186-	54-	14-B
K1KI	17,800-	200-	44-	2-B
W1PMP	17,172-	162-	53-	10-B
W1BIB	16,280-	110-	74-	14-B
K1FB	10,920-	130-	42-	15-A
K1DD	10,396-	113-	46-	3-A
N1DSI	6,536-	96-	38-	6-A
N1DRS	5,544-	77-	36-	6-A
K1NGL	3,680-	15-	12-	1-A
K1DW (+K1NCD)				
	83,620-	565-	74-	17-B
N1DLS (+opr)				
	13,462-	127-	53-	22-A

Eastern Massachusetts

K1VUT	169,016-	1142-	74-	24-B
K5MA	131,868-	891-	74-	15-B
W1FM	84,048-	618-	68-	22-A
K5ZD1R	68,516-	482-	69-	10-A
K1A1EK	30,912-	224-	69-	16-A
K81GN	29,820-	210-	71-	20-A
K81GN	28,860-	222-	65-	14-A
N1CGL	28,336-	233-	56-	14-A
K0IF	28,200-	235-	60-	7-B
K81EW	27,848-	236-	59-	10-A
W1AX	16,128-	112-	72-	4-A
K1A1OR	15,552-	162-	48-	6-A
K1XM	11,528-	131-	44-	5-A
W1PLJ	11,430-	127-	45-	12-B
K2ID	11,200-	112-	50-	11-A
W1WHW	2,700-	50-	27-	3-A
W1IHN	2,500-	50-	25-	1-B
W1A1YS	1,820-	35-	28-	4-A
KC1F	2-	1-	1-	1-B
N1AU (+KC1F)				
	100,368-	697-	72-	21-B
W1MX (KX1Z, KG2S, N7EPR, oprs)				
	64,186-	479-	67-	19-B
Maine				
W1GKJ	43,014-	321-	67-	12-B
K1GKB	33,930-	261-	65-	7-B
K1A1ZP	28,152-	207-	68-	9-A
N1APN	19,116-	162-	59-	15-B
KY1C	10,200-	102-	50-	4-A

N1AFC	9,504-	132-	36-	4-A
K1A1OR (+KB1CV)				
	84,206-	593-	71-	23-B
New Hampshire				
KM1C (WB8BTH, opr)				
	176,564-	1193-	74-	24-B
AF1T	84,534-	579-	73-	14-B
AK1K	60,112-	442-	68-	23-A
K0ZW/1	41,540-	310-	67-	18-B
AC1J	20,304-	188-	54-	10-A
Rhode Island				
K1IU	114,700-	775-	74-	14-B
KM1X	113,458-	799-	71-	18-B
K1VSJ	101,084-	683-	74-	20-B
K9SB/1	11,618-	157-	37-	5-B
K2MN	2,632-	47-	28-	4-A
Vermont				
WB1GQR	206,312-	1394-	74-	24-B
W3SOH	27,032-	218-	62-	9-A
KD2EN	12,144-	132-	46-	10-A
W1ITBV	11,300-	113-	50-	6-A
K2IOJ (K2OZV, KA2s CFH, MTB, KD2EE, KA2s B, G, WA1LLC, WA2AZA, oprs)				
	46,872-	372-	63-	21-A
Western Massachusetts				
K1NWE	128,626-	881-	73-	18-B
KY1H	114,756-	786-	73-	20-B
W1YK (KM1P, opr)				
	54,384-	412-	66-	11-B
K1A1AM	52,260-	402-	65-	13-B
KZ1M	39,188-	306-	64-	17-A
KV1W	37,800-	300-	63-	16-B
K1KNQ	13,344-	139-	48-	3-A
WB1EYL (+KS1N)				
	67,820-	483-	70-	15-B
KB1VC (+KB1RB)				
	35,532-	282-	63-	19-A

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Eastern New York				
W2XL	141,264-	981-	72-	23-B
W2ASTM	118,698-	813-	73-	24-A
K2AG	95,760-	665-	72-	20-B
K2UF	68,400-	475-	72-	20-A
K2UR	46,506-	337-	69-	10-B
WB2SPN	28,512-	264-	54-	14-A
K2EK	23,406-	249-	47-	4-B
KY2L	22,272-	174-	64-	15-A
W2DW	21,948-	177-	62-	6-B
N2BZP	11,562-	141-	41-	5-B
W2NRD	8,500-	85-	50-	15-A
W2A3FS	4,800-	50-	48-	4-B
WB2NVR	3,630-	55-	33-	8-A
K5NA (+KU2Q)				
	161,764-	1093-	74-	24-B
WA2UKP (+WA2JQK)				
	140,160-	960-	73-	24-B
KY2J (+KA2TIP)				
	102,620-	733-	70-	24-B
KC2KK (+KA2RLH, WA2UYM)				
	49,368-	363-	68-	20-A
New York City & Long Island				
K2YGM	88,620-	470-	73-	20-B
WB2DHY	88,172-	494-	69-	15-B
KS2G	59,340-	430-	69-	16-A
K2AU	51,552-	358-	72-	18-B
K2RYI	23,246-	197-	59-	13-A
W2KTF	16,632-	154-	54-	5-A
K2HVN	9,800-	70-	70-	6-A
W2DX	9,752-	106-	46-	5-B
W2GKZ	8,800-	100-	44-	6-B
AC2P	8,372-	91-	46-	7-A
WA2SUH	8,120-	116-	35-	8-A
W2AWWU	6,864-	88-	39-	9-A
W2A1YS	2,394-	57-	21-	2-B
N2EMG	1,376-	43-	16-	5-A
NK2Y	588-	21-	14-	4-A
W2TNI	340-	17-	10-	4-A

Northern New Jersey

KY2P	158,248-	1076-	74-	24-A
K9DI	70,840-	506-	70-	20-B
W2RQ	40,200-	300-	67-	4-B
WB2EGZ	36,226-	307-	59-	8-A
K4BNC	13,130-	101-	65-	13-B
KC2NF	10,810-	115-	47-	13-A
KB2ZG	9,204-	118-	39-	6-A
KW4E	6,270-	95-	33-	3-A
K2MFF (KA2s PFM, RRR, YGH, N2s DID, DSY, FVN, FWI, W2VY, oprs)				
	79,968-	588-	68-	24-B
K2GQ (W2QR, WA2s JSB, MYZ, NXW, VFF, KA2s EYH, HJH, NWE, RSH, USU, ZMP, WB2GJE, oprs)				
	56,304-	414-	68-	22-B
WA2ASQ (+KR2J)				
	44,352-	336-	66-	22-B
Southern New Jersey				
N2MM	167,240-	1130-	74-	20-B
AB2E	129,944-	878-	74-	20-B
KZ2I	95,460-	645-	74-	24-A
WB2DIN	68,680-	505-	68-	16-B
K8XR	64,680-	462-	70-	23-A
N2DP	63,512-	467-	68-	23-A
WA2LBT	49,982-	373-	67-	20-A
WA2WJL	48,374-	361-	67-	17-A
WB2VVB	46,920-	340-	69-	18-B
W2FGY	46,480-	332-	70-	22-B
W2ORA	40,664-	299-	68-	15-A
W2PAA	33,020-	254-	65-	9-B
N2DN	27,520-	215-	64-	10-B
K2YV	25,424-	227-	56-	3-B
W2FDJ	21,240-	177-	60-	12-A

N2VW	21,204-	186-	57-	8-B
W2RCB	19,610-	185-	53-	9-A
W2EA	13,100-	131-	50-	9-A
K2JF	12,000-	120-	50-	9-A
KA2MSM	9,546-	111-	43-	10-A
K2TD	9,152-	104-	44-	3-B
KD2AE	8,624-	98-	44-	7-B
KA2KFO	7,740-	90-	42-	1-A
N2BDR	6,052-	89-	34-	5-B
W2EKB	5,236-	77-	34-	6-B
K2LOO	3,660-	61-	30-	6-A
WA2AWS	2,300-	50-	23-	5-A
N2AWC	1,974-	47-	21-	7-A
WA2OZQ	1,152-	32-	18-	4-A
Western New York				
W2HPF	136,308-	921-	74-	16-B
AF2K	89,318-	629-	71-	24-B
N2NW	81,060-	579-	70-	24-A
NA2A	65,380-	467-	70-	22-B
KU2X	60,102-	477-	63-	15-A
KB2NU	56,684-	383-	74-	13-B
NM2J	47,472-	344-	69-	23-B
AJ3K	47,058-	341-	69-	12-B
N2FSE	33,306-	273-	61-	20-A
WA2WPI	22,230-	195-	57-	12-A
KD2CZ	20,384-	182-	56-	12-A
KD2PK	20,088-	162-	62-	11-B
KA2VAJ	19,552-	188-	52-	12-A
K2XU	14,478-	127-	57-	3-B
KZ2J	14,104-	172-	41-	4-A
NA2Q	12,390-	105-	59-	4-A
N2MF	12,054-	147-	41-	2-B
WA2PNQ	11,074-	113-	49-	6-A
WB2ABD	10,200-	100-	51-	4-A
KA2JQV	8,400-	100-	42-	10-A
K2MXX	2,970-	55-	27-	8-A
N2EIA	2,352-	49-	24-	6-A
W2OW (N2HR, N6IN, N12T, NK2H, NN2K, oprs)				
	119,880-	810-	74-	20-B
ND2R (+KC2P, WB2s OXB, OXG, OIF)				
	90,300-	845-	70-	24-B
K2JD (K1JUL, N2BXA, oprs)				
	69,552-	504-	69-	22-B

QEP