

# 2000 ARRL Sweepstakes Results, CW

If you channel surf on the television, it won't be too long before you run into the "celebrity of the day" on the Food Network – Emeril Lagasse. Who wouldn't love some of the great dishes that this "hot chef" offers up. From country ham and red-eye gravy to smoked salmon and Irish stew, if you have a favorite, Emeril probably has a recipe. With a lot of great ingredients and a whole lot of "Bam!" he specializes in kicking it up a notch.

You find similarities in some of the great competitors in the annual ARRL November CW Sweepstakes. The top guys always have a strategy of "recipes" to take their contest results up another notch. A basic *stock* of equipment, a good *helping* of planning, a *dash* of knowledge, a *pinch* of propagation, and a couple of *tablespoons* of luck, and just like Emeril, they are able to come up with award-winning efforts.

People may attribute the success of the top testers to some secret ingredient, but in the long run it is how you put the whole package together that makes the difference. Knowing when to make a band change or continue a successful run is just like knowing how long to preheat the oven or knowing when to stop whipping the batter. If there is a secret ingredient, perhaps it is experience. In Sweepstakes, the outcome depends on the difference in just a few QSOs or a single multiplier. This year, perhaps more than ever, this adage held true.

A total of 1236 competitive logs and 13 checklogs were received for the 2000 CW Sweepstakes—an increase of 6.6% from 1999. Achieving a Clean Sweep was a bit more challenging, with the addition of the West Central Florida section raising the total sections needed to 80. Even so, a total of 209 sweeps were reported this year, as opposed to only 72 in 1999 (when the week before SS a major hurricane passed through the Caribbean and limited activity).

One surprising development was the fact that Single Operator QRP entries outnumbered the Single Operator High Power entries 215 to 213. Single Opera-

tor Low Power remains the most popular category with 656 entries. The Single Operator Unlimited class accounted for 89 entries, while 54 Multioperator logs and nine School entries round out the field. Including the participants at multioperator stations, the logs indicate a total of almost 1400 amateurs involved in the contest.

Scott, W4PA, edged out Mike, K5NZ, in the Single Operator QRP category. Scott missed out on one multiplier but ended up with 18 more QSOs to win the category by 1126 points—138,566 to 137,440. Scott's score is a new mark for the Delta Division. New Division records in the category were also set by N9CIQ (Central), N0UR (Dakota), W8RU (Great Lakes) K7RI (N0AX, op) (Northwestern), and N6MU (Pacific).

In the second closest finish this year, Don, N4ZZ (ex-K4WX), edged Ken, K6LA, by four QSOs to win the Single Operator Low Power category. Don's final score of 185,120 does not quite set a new overall mark but Ken's score of 184,480 does set a new Southwestern Division record. Also setting a new category Division mark was N0AT (Dakota).

Rich, KE3Q, once again took top honors in the Single Operator High Power category from WP3R with his score of

242,720 breaking the overall category record. The WP3R score also stands as the Southeastern Division record. Tree, N6TR, using the W5WMU call and station took second place honors. Joining Rich in setting new Division records were AG9A operating at N0NI (Midwest) and N4AF (Roanoke). One interesting note: only 11 QSOs separated the seventh through tenth place overall finishers.

Dennis, K7BV, won in the Single Operator Unlimited category with the widest margin of victory in any of the categories, bettering Bob, W4MYA, by a score of 199,200 to 168,800. Dennis' score is a new Overall and Pacific Division record, while Bob set a new Roanoke Division mark. Division record setters in this relatively new category also include K9MOT (K9PW, op) (Central), K5MC (Delta), AA2FB (Hudson), WA0SXV (Midwest), K1NU (New England), W7OM (Northwestern), N2NL (Southeastern), and K5HP (West Gulf).

Nine entries were received for the School Club category, with the University of Arkansas' club station W5YM, operated by Kevin, N5DX, winning the second annual Mark Smith, KD4JLC, Memorial award presented to the top scoring School Club College or University entry.

Single Operator QRP	Single Operator High Power	Multioperator
W4PA (at K4JNY) 138,566	WP3R (KE3Q, op) 242,720	N6VR 206,080
K5NZ 137,440	W5WMU (N6TR, op) 223,680	W1AW 206,080
KG5U 131,456	N0NI (AG9A, op) 221,120	K7UP 195,680
N9CIQ 130,080	W0SD (WD0T, op) 219,360	W6UE 191,520
N6MU 127,520	N5RZ 217,120	KL7Y 190,560
K7RI (N0AX, op) 116,688	K1TO 215,040	W6YX 190,400
K3TEJ 108,800	W4AN (K4BAI, op) 210,560	K8CC 190,240
N0UR 108,576	N2NT (N2NC, op) 210,240	N6KI 175,680
N0SS 105,386	N5KO (at W5KFT) 209,920	AB0S 171,588
N7IR 105,228	K6LL 208,800	K5MDX 169,120
Single Operator Low Power	Single Operator Unlimited	School Club (All Classifications)
N4ZZ 185,120	K7BV 199,200	W5YM (N5DX, op) 168,480
K6LA 184,480	W4MYA 168,800	N9UC (W09S, op) 124,320
NP2B 179,040	N6ZS 162,400	WA5BU 105,280
K7BG 176,800	AA2FB 160,844	W7UQ (KL9A, op) 94,402
WP2Z (NU0Q, op) 176,000	K6RIM 149,920	W7ASU (KC7EFP, op) 45,954
N0AT 175,520	K9MOT (K9PW, op) 146,240	K2CC (KC2BGM, op) 27,872
K5WA 173,440	K5HP 138,996	K1PSC (AE1T, op) 18,460
VE4VV 168,960	K9NR 137,904	NA4P 11,988
K0OB 168,640	KT0R 133,760	W5AC 2,838
K4XU 167,360	K5MC 132,480	

A championship tie had never occurred in the 65 previous ARRL Sweepstakes. That changed in 2000, and it was a coast-to-coast feat to boot. Finishing in a dead heat in the Multioperator category were the operators at N6VR and W1AW. Both ended up with 1288 QSOs, all 80 Multipliers and a score of 206,080. Both stations also set new Division marks (Southwestern and New England), though falling short of the overall record. Joining them in setting a new Division record was the crew at KL7Y, who established a new Northwestern Division mark.

The Affiliated Club Competition is shaping up to an exciting climax. Will one of the traditional Sweepstakes powers dish up yet another victory or will some upstart dark horse cook up a surprise? Results for this year's club shootout will be reported with the Phone Sweepstakes results next month.

Plaque winners for the CW portion of Sweepstakes are included with this article. Un-sponsored plaques may be purchased by contacting the ARRL Contest Branch. The cost is \$60 each.

Seasonings change and experimentation in the kitchen occurs. Why not try some experimentation in your shack while planning for the 2001 running of the ARRL November CW Sweepstakes, scheduled for November 3-4? Make certain you don't fricassee a receiver or overcook an amplifier as you get ready. Who knows? With the right recipe you might blend up a great entrée for all to see.

## SOAPBOX

K2 at 1 W with wire. Had to get on to outnumber the QRO guys (AA2VK)... It was good to hear some of the other University stations on the air. I was no competition, but I did manage to continue sharpening my CW skills (AA8UP)... This was my first ever sweep in nearly a decade of attempts! Thanks for a fun contest (AA9RR)... Only used 80 meters, got last few states for 5BWAS (AE0Q)... Lots of QRPers out there this year—worked 70 of them for 11.5% of my total (AE7EE)... Super conditions made a QRP Clean Sweep possible! (AF5Z)... Highlight was working WP2Z on 15 with 250 mW. Lowlight was grabbing the wrong end of the soldering iron just before the start of the contest. (AG0T)... Will I ever get a CW Sweep? Ugh! Spent 3 hours at the end looking for the last 10 mults. Only snagged 3 more (K0IL)... By the way, who the heck is Cabrillo? (K0TPY)... A Sweepstakes to remember! How often do you get to work two NWT/YT stations, and Palmyra Island for your PAC multiplier? (K1NU)... It was a great deal of fun representing the college during Sweepstakes (AE1T op at K1PSC)... Clean sweep for the first time in over 50 years of SS Contests. W4KFC said, "The Secret of winning contests is: Be young." I'm not young but had fun anyway. (K3CQ)... Lots of fun as usual. Just could not find that MAR multiplier (K3WU)... Our newborn son came home Saturday afternoon around 2 PM, so I spent more time in the house than in the shack. Missed VO1... heard VO1MP early on, but never again! (K4FB)... My best SS effort ever, even though I did miss YT and NL. (K4IE)... Highlight was KH8/N5OLS calling us! (K4IX/3)... Why don't we make Sunday afternoon a mandatory off time? (K4OGG)... This was my first sweep on CW. Didn't plan on it, but when I got down to only 2 left, I started looking!

(K4WI)... My personal best. SS CW is still #1 (K5KA)... Thanks to N5TW for the use of his awesome station and for working with me to re-engineer for SO2R. Planned my time around an approaching storm, and wrapped up at 0130Z just in time. Sorry to those I QRMed Sunday afternoon. I discovered one of my rigs started transmitting 25 kHz off! (K5PI)... Always take the time to explain SS exchange when asked. Think of your two or three QSOs lost as an investment in the future (K5VG)... Nice to get back to this contest after missing last year—it's one of my favorites. Propagation seemed very good this year with lots of stations to work until very late in the afternoon Sunday (K5WO)... Nice to have such short skip on the high bands. Operating quality was very good this year. More people should join the fun! (K5ZD)... 76 sections on QRP. 'Twas better than last year on high power! (K6HRT)... One 20 year-old transceiver, one broken 58 year-old arm (K6KYJ)... Easily the best SS CW in the last 5 years. Having 10 and 15 wide open spread everyone out and even low power stations like mine could CQ with ease (K6PUD)... VE2 (QC) must have left for the weekend. 79 Sections! Like playing horse shoes (K7JJ)... Thanks to Tom, K7RI, for the use of his fine station and to the family cat, Oliver, for constant and wondering companionship throughout (N0AX)... Conditions were excellent, we just ran out of people to work. Very exciting to complete the sweep by 0715Z the first night (K8CC)... I ran in the QRP "Running of the Bulls" and called CQ for most of the 16 hours that I could muster around family needs—great fun to have people find my weaker signal and be rewarded with North Dakota! Let's do it again (K9IUA)... 73 to our friend K9YA who became an SS November 10. Bob, this one was for you [from many SMC logs—Ed].

Northeast Region (New England, Hudson and Atlantic Divisions; Maritime and Quebec Sections)		Southeast Region (Delta, Roanoke and Southeastern Divisions)		Central Region (Central and Great Lakes Divisions, Ontario Section)		Midwest Region (Dakota, Midwest, Rocky Mountain and West Gulf Divisions, Manitoba and Saskatchewan Sections)		West Coast Region (Pacific, Northwestern and Southwestern Divisions, Alberta, British Columbia and NWT/Yukon Sections)	
K3TEJ	108,800 Q	W4PA (at K4JNY)	138,566 Q	N9CIQ	130,080 Q	K5NZ	137,440 Q	N6MU	127,520 Q
KM3V	99,520 Q	K9AY	103,200 Q	W8RU	102,700 Q	KG5U	131,456 Q	K7RI (N0AX, op)	116,688 Q
N2JT	85,120 Q	N4ROA	95,480 Q	N8ET	95,004 Q	N0UR	108,576 Q	N7IR	105,228 Q
N1RL	81,744 Q	NA4CW	86,580 Q	WA8RJF	77,000 Q	N0SS	105,386 Q	N3ZZ	90,480 Q
K1RC	78,694 Q	N4IR	82,536 Q	WA8RCN	64,600 Q	K5WO	101,948 Q	K7QO	87,048 Q
K3WU	161,002 A	N4ZZ	185,120 A	VA3UZ	166,400 A	N0AT	175,520 A	K6LA	184,480 A
WE1USA	160,320 A	W5XX	163,680 A	K9TM	158,400 A	K5WA	173,440 A	K7BG	176,800 A
W2TZ	158,400 A	W4OC	158,560 A	N9CK	156,000 A	VE4VV	168,960 A	K4XU	167,360 A
K1VUT	156,800 A	NA4K	156,960 A	K9IG	153,440 A	K0OB	168,640 A	WO7Y	163,846 A
N2GA	156,800 A	K4NO	152,480 A	WX9U	145,760 A	N0NR	165,920 A	N7OU	161,616 A
N2NT (N2NC, op)	210,240 B	WP3R (KE3Q, op)	242,720 B	N9RV	202,400 B	N0NI (AG9A, op)	221,120 B	K6LL	208,800 B
K5ZD	200,480 B	W5WU	223,680 B	N4GN	189,920 B	W0SD (WD0T, op)	219,360 B	W6EEN	206,400 B
K3MM	190,548 B	(N6TR, op)		W9RE	184,480 B	N5RZ	217,120 B	(N6RT, op)	
WC1M	178,400 B	W4AN (K4BAI, op)	210,560 B	K9NW (at N8NR)	177,440 B	N5KO (at W5KFT)	209,920 B	VA7RR	201,600 B
K1AM	177,592 B	N4AF	198,240 B	KE9I	171,840 B	WX0B (K5GA, op)	201,280 B	K6KM (N6TV, op)	200,160 B
		W4MR	197,280 B					W6AX (N6IG, op)	199,680 B
		(AA4NC, op)							
AA2FB	160,844 U	W4MYA	168,800 U	K9MOT	146,240 U	K5HP	138,996 U	K7BV	199,200 U
K1NU	125,920 U	K5MC	132,480 U	(K9PW, op)		KT0R	133,760 U	N6ZS	162,400 U
K3WW	122,880 U	N2NL	129,120 U	K9NR	137,904 U	WA0SXV	119,040 U	K6RIM	149,920 U
K1HI	83,622 U	W4NF	121,440 U	WG9L	130,880 U	K8EI	84,700 U	K6IH	127,360 U
K3SV	79,680 U	W8ZA	121,028 U	AA8U	82,560 U	N5ZC	50,320 U	W6OAT	122,240 U
				K9CV	48,640 U				
W1AW	206,080 M	K5MDX	169,120 M	K8CC	190,240 M	K7UP	195,680 M	N6VR	206,080 M
K1TTT	159,040 M	K4TS	106,080 M	KW9A	151,520 M	AB0S	171,746 M	W6UE	191,520 M
K2TW	158,720 M	W4ZYT	95,680 M	K8JM	149,120 M	W7CT	168,800 M	KL7Y	190,560 M
WR3L	149,120 M	W4WA	80,800 M	W8EDU	147,520 M	N5YA	161,120 M	W6YX	190,400 M
K4IX	136,320 M	W4ATC	108 M	K8EE	80,364 M	W5TM	150,540 M	N6KI	175,680 M

Q = Single Operator QRP; A = Single Operator Low Power; B = Single Operator High Power; U = Single Operator Unlimited; M = Multioperator

## 2000 CW Sweepstakes Plaques

Category	Winner	Sponsor	Category	Winner	Sponsor
<b>Overall</b>			<b>New England</b>		
Single Operator High Power CW	WP3R (KE3Q, op)	N5KO and W0UA	Single Operator High Power CW	K5ZD	GRP Club of New England
Single Operator Low Power CW	N4ZZ		Single Operator Low Power CW	WE1USA	
Single Operator QRP CW	W4PA (at K4JNY)		Single Operator QRP CW	N1RL	
Single Operator Unlimited CW	K7BV	ARRL Contest Branch	Single Operator Unlimited CW	K1NU	
Multioperator CW	tie: N6VR and W1AW		Multioperator CW	K1TTT*	
School Club College Division CW	W5YM (N5DX, op)	Mark Smith KD4JLC Memorial	<b>Northwestern</b>		
<b>Atlantic</b>			Single Operator High Power CW	N4SL	Robert A. Wilson, N6TV
Single Operator High Power CW	K3MM	North Coast Contesters	Single Operator Low Power CW	K7BG	
Single Operator Low Power CW	K3WU		Single Operator QRP CW	K7RI (N0AX, op)	
Single Operator QRP CW	K3TEJ	Gary Hembree, N7IR	Single Operator Unlimited CW	W7OM	
Single Operator Unlimited CW	K3WW		Multioperator CW	KL7Y	
Multioperator CW	WR3L	North Coast Contesters	<b>Pacific</b>		
<b>Central</b>			Single Operator High Power CW	K6KM (N6TV, op)	Robert A. Wilson, N6TV
Single Operator High Power CW	N9RV	In Memory of Richard Harper, W9RW by SMC	Single Operator Low Power CW	W6QD	
Single Operator Low Power CW	N9CK	In Memory of Mike Corke, N9AEJ by SMC	Single Operator QRP CW	N6MU	
Single Operator QRP CW	N9CIQ	W9QOX Memorial	Single Operator Unlimited CW	N6ZS*	
Single Operator Unlimited CW	K9MOT (K9PW, op)	In Memory of Robert Heytow, K9YA by SMC	Multioperator CW	W6YX	
Multioperator CW	KW9A	Don Haney, W9WW	<b>Roanoke</b>		
<b>Dakota</b>			Single Operator High Power CW	N4AF	Tidewater Morse Code Society
Single Operator High Power CW	W0SD (WD0T, op)	Minnesota Wireless Assn	Single Operator Low Power CW	W4OC	
Single Operator Low Power CW	N0AT	Minnesota Wireless Assn	Single Operator QRP CW	N4ROA	
Single Operator QRP CW	N0UR	Minnesota Wireless Assn	Single Operator Unlimited CW	W4MYA	
Single Unlimited CW	KT0R	Minnesota Wireless Assn	Multioperator CW	K4TS	
Multioperator CW			<b>Rocky Mountain</b>		
<b>Delta</b>			Single Operator High Power CW	W0ZP	Bill Harding, K4AHK
Single Operator High Power CW	W5WMMU (N6TR, op)		Single Operator Low Power CW	N0NR	
Single Operator Low Power CW	N4ZZ		Single Operator QRP CW	K0FRP	
Single Operator QRP CW	N4IR		Single Operator Unlimited CW	K8EI	
Single Unlimited CW	K5MC		Multioperator CW	K7UP	
Multioperator CW	K5MDX		<b>Southeastern</b>		
<b>Great Lakes</b>			Single Operator High Power CW	K1TO*	Larry Serra, N6NC Ray and Donna Day, N6HE & N6HTH
Single Operator High Power CW	N4GN	North Coast Contesters	Single Operator Low Power CW	NP2B	
Single Operator Low Power CW	K9TM	Mad River Radio Club	Single Operator QRP CW	K9AY	
Single Operator QRP CW	W8RU		Single Operator Unlimited CW	N2NL	
Single Operator Unlimited CW	AA8U		Multioperator CW	W4WA	
Multioperator CW	K8CC		<b>Southwestern</b>		
<b>Hudson</b>			Single Operator High Power CW	K6LL	Larry Serra, N6NC Ray and Donna Day, N6HE & N6HTH
Single Operator High Power CW	N2NT (N2NC, op)		Single Operator Low Power CW	K6LA	
Single Operator Low Power CW	N2GA		Single Operator QRP CW	N7IR	
Single Operator QRP CW	N2JT		Single Operator Unlimited CW	K6ZH	
Single Operator Unlimited CW	AA2FB	Stuart Silverstein, K3UEI, Memorial	Multioperator CW	W6UE*	
Multioperator CW	K2TW		<b>West Gulf</b>		
<b>Midwest</b>			Single Operator High Power CW	N5RZ	Don Haney, W9WW
Single Operator High Power CW	N0NI (AG9A, op)		Single Operator Low Power CW	K5WA	
Single Operator Low Power CW	K0VBU		Single Operator QRP CW	K5NZ	
Single Operator QRP CW	N0SS		Single Operator Unlimited CW	K5HP	
Single Operator Unlimited CW	WA0SXV	Kirk Pengelly, N0KK	Multioperator CW	N5YA	
Multioperator CW	AB0S		<b>Canada</b>		
<b>Division plaque awarded to second-place finisher because the first-place Division winner also won an "Overall" plaque category.</b>			Single Operator High Power CW	VA7RR	Don Haney, W9WW
			Single Operator Low Power CW	VA3UZ*	
			Single Operator QRP CW	VA3SB	
			Single Operator Unlimited CW	Ve Winner	
			Multioperator CW	NO/W2Y2C	

\*Division plaque awarded to second-place finisher because the first-place Division winner also won an "Overall" plaque category.

## Scores

CW scores are listed in descending order by entry category. Line scores list call sign, score QSOs, multipliers, hours, class (B = High Power, A = Low Power, Q = QRP, U = Single Unlimited, M = Multioperator, S = School Club).

Category	Call Sign	Score	QSOs	Multipliers	Hours	Class		
<b>CW</b>	N1AU	3,588	46	39	5	B		
	K1GU	3,168	48	33	4	B		
	K1VUT	156,800	980	80	24	A		
	W1WAI	122,766	777	79	22	A		
	K1HT	103,806	657	79	14	A		
	WA1QLV	97,960	620	79	23	A		
	K1XM	89,902	569	79	24	A		
	K1KG	76,314	483	79	19	A		
	K1NTR	69,300	450	77	13	A		
	K1TWF	47,854	337	71	5	A		
	N1DC	38,088	276	69	19	A		
	K1ZA	19,610	185	53	4	A		
	K1MC	14,940	166	45	11	A		
	W1CC6	14,224	127	56	7	A		
	NF1A	9,504	99	48	7	A		
W1SR	3,200	50	32	2	A			
KB1CJ	4	1	2	1	A			
K1RC	78,694	511	77	21	Q			
K1IA	24,888	204	61	14	Q			
K1NU	125,920	787	80	23	U			
K1TH	24,840	207	60	5	U			
W01N	24,034	197	61	4	U			
K1UE	14,036	121	58	7	U			
N1GR (+AG1C,KA1VWX)	38,690	265	73	15	M			
<b>Connecticut</b>	W1WEF	172,536	1092	79	24	B		
	K1WB	149,920	937	80	24	B		
	W1EQ	132,912	852	78	24	A		
	K1UQE	44,020	310	71	10	A		
	NX1Q	24,696	196	63	7	A		
	K1RO	24,308	206	59	3	A		
	W1INF (NT1N, op)	288	12	12	1	A		
	NT1N	98	7	7	1	A		
	W1QK	58,216	383	76	14	Q		
	W1RF1	9,374	109	43	16	Q		
	W1VT	72	6	6	1	Q		
	WS1F	15,836	107	74	8	U		
	N1MM	14,022	123	57	4	U		
	N1XS	13,640	124	55	5	U		
	N4XR	1,776	37	24	1	U		
W1AW (NT1N,W9UR,N1ND,W1VT, ops)	206,080	1288	80	24	M			
W1NRG (W1KFF,W1FD,WY1U,N1JEO, K1VDF, N1RMA,WA1TRY,KB1CJ, N1API, ops)	60,640	379	80	15	M			
<b>Eastern Massachusetts</b>	W1AF (K3JOC, op)	132,132	847	78	22	B		
	K5MA	129,760	811	80	17	B		
	K1LU	129,636	831	78	23	B		
	WZ1K	87,318	567	77	23	B		
	K1SEC	29,440	230	64	7	B		
	<b>New Hampshire</b>	WC1M	178,400	1115	80	24	B	
		WE1USA	160,320	1002	80	23	A	
		KG1V	74,328	489	76	18	A	
		KC1F	63,804	409	78	8	A	
		KZ1O	54,576	379	72	10	A	
		K1TR	34,190	263	65	5	A	
		N1NR (K1RO, op)	28,350	225	63	5	A	
		KZHVN	15,600	100	78	7	A	
		AA1CA	47,400	316	75	17	Q	
		KS1N	15,000	150	50	10	Q	
W1PID		4,488	66	34	24	Q		
W1DAD		612	18	17	2	Q		
K1HI		83,622	543	77	12	U		
NM1W		15,372	122	63	6	U		
KD1LZ		13,080	109	60	8	U		
K1PSC (AE1T, op)	18,460	142	65	4	S			
<b>Rhode Island</b>	K1AM	177,592	1124	79	22	B		
	N1SW	135,564	858	79	22	B		
	KM1X	139,520	872	80	24	A		
	K3IU	60,996	391	78	14	A		
	K1V5J	34,060	262	65	7	A		
	AB1BX	19,690	179	55	10	A		
	W1RFQ	510	17	15	1	A		
	<b>Vermont</b>	W1ECH	147,520	922	80	23	A	
		W1SA	101,120	632	80	13	A	
		K1KD	95,472	612	78	22	A	
		K1LI	82,634	523	79	24	A	
		AA1SU	72,808	479	76	14	A	
		KM1Z	9,752	92	53	11	Q	
		WJ1Z (+AB1T)	95,784	614	78	20	M	
		<b>Western Massachusetts</b>	K5ZD	200,480	1253	80	24	B
KZ1M			118,080	738	80	21	A	
W1TO			64,148	406	79	13	A	
N1RL			81,744	524	78	22	Q	
W1CSM			22,308	169	66	6	Q	
K1TTT (+W1MJ, K1WD)			159,040	994	80	24	M	
<b>2 Eastern New York</b>			N2SQW	42,768	297	72	20	B
			N2POS	23,312	188	62	10	B
	K2UF		126,240	789	80	23	A	
	WA2BAH		52,050	347	75	24	A	
	W2XM		41,406	309	67	13	A	
	W2WC		34,400	215	80	24	A	
	W2ENY		28,116	198	71	14	A	
	WB2SPN		20,520	180	57	11	A	
	W2VS		15,872	128	62	3	A	
	W2NRD	13,286	91	73	10	A		
	WD2K	13,130	101	65	13	A		
	NW2D	912	19	24	7	A		
	K2WD	51,262	361	71	19	Q		
	N2IX	2,268	42	27	4	Q		
	K2SX	99,080	613	80	12	U		
K2UG (KY2J, W2XL, WA2JQK, ops)	132,720	840	79	24	M			
<b>Northern New Jersey</b>	N2NT (N2NC, op)	210,240	1314	80	24	B		
	K2APF	10,890	99	55	11	B		
	N2ZW	63,910	415	77	22	A		
	NA2AA	60,528	388	78	11	A		
	W2LRO	42,192	293	72	13	A		
	K2WA	33,580	230	73	13	A		
	KG2MV	19,344	156	62	9	A		
	K2TWK	18,924	166	57	12	A		
	W2YR	18,720	144	65	6	A		
	W2YWC	17,514	139	63	11	A		
	N2CG	17,100	150	57	10	A		
	W2ZK	14,100	94	75	6	A		
	WA2ASQ	12,700	127	50	5	A		
	W2TI	4,692	69	34	4	A		
	N2JT	85,120	532	80	22	Q		
KF2HC	46,768	316	74	15	Q			
N2NO	23,296	182	64	12	Q			
W2JEK	7,200	80	45	3	Q			
K2JT	1,512	36	21	1	Q			
W2LE	79,040	494	80	14	U			
N2ED	63,760	436	80	9	U			
N2BIM	67,606	439	77	10	U			
N2KJM	33,552	233	72	7	U			
W2NO	30,450	203	75	11	U			
AB2DE	12,600	90	70	11	U			
K2TW (+W2GD)	158,720	992	80	16	M			
KF2EW (+KC2GDT)	5,040	70	36	8	M			

Northern New York

Table with columns for state abbreviations (NT2W, W2IB, etc.), values, and counts.

K2CC (KC2BGM, op)

Table with columns for state abbreviations (NY2G, ND2R, etc.), values, and counts.

NYC-Long Island

Table with columns for state abbreviations (K2DR, K2GC, etc.), values, and counts.

Northern New Jersey

Table with columns for state abbreviations (N2QO, W2ZQ, etc.), values, and counts.

Western New York

Table with columns for state abbreviations (N2CU, K2FU, etc.), values, and counts.

Georgia

Table with columns for state abbreviations (W4AN, W4BTZ, etc.), values, and counts.

Kentucky

Table with columns for state abbreviations (N4GN, K4IU, etc.), values, and counts.

Eastern Pennsylvania

Table with columns for state abbreviations (AA3B, AA3TT, etc.), values, and counts.

North Carolina

Table with columns for state abbreviations (N4AF, W4MR, etc.), values, and counts.

Maryland-DC

Table with columns for state abbreviations (K3MM, K3SA, etc.), values, and counts.

Table with columns for state abbreviations (K3KU, W3UT, etc.), values, and counts.

Western Pennsylvania

Table with columns for state abbreviations (WA3SES, WA3HAE, etc.), values, and counts.

Alabama

Table with columns for state abbreviations (K4NO, KC4TEO, etc.), values, and counts.

Virginia

Table with columns for state abbreviations (W4AN, W4BTZ, etc.), values, and counts.

Florida

Table with columns for state abbreviations (K4NT, K4BEV, etc.), values, and counts.

Virgin Islands

Table with columns for state abbreviations (NP2B, WP2Z, etc.), values, and counts.

West Virginia

Table with columns for state abbreviations (K4TX, K4TR, etc.), values, and counts.

West Central Florida

Table with columns for state abbreviations (K1TO, N4AO, etc.), values, and counts.

Arkansas

Table with columns for state abbreviations (K4ND, W4BHI, etc.), values, and counts.

Table with columns for state abbreviations (K4ND, W4BHI, etc.), values, and counts.

Puerto Rico

Table with columns for state abbreviations (WP3R, KE3QP, etc.), values, and counts.

South Carolina

Table with columns for state abbreviations (W4OC, W4OQR, etc.), values, and counts.

Southern Florida

Table with columns for state abbreviations (K1PT, AD4TR, etc.), values, and counts.

Tennessee

Table with columns for state abbreviations (W4CAT, K0EJ, etc.), values, and counts.

North Texas

Table with columns for state abbreviations (K5RX, NSFO, etc.), values, and counts.

Mississippi

Table with columns for state abbreviations (W5XU, N5EJ, etc.), values, and counts.

New Mexico

Table with columns for state abbreviations (N6ZZ, W5JVO, etc.), values, and counts.

North Texas

Table with columns for state abbreviations (K5RX, NSFO, etc.), values, and counts.

South Texas

Table with columns for state abbreviations (N5KO, K5PSI, etc.), values, and counts.

West Texas

Table with columns for state abbreviations (N5KO, K5PSI, etc.), values, and counts.

Table with columns for state abbreviations (W5HUQ, K4MG, etc.), values, and counts.

Louisiana

Table with columns for state abbreviations (W5WMM, AA5AU, etc.), values, and counts.

Los Angeles

Table with columns for state abbreviations (K6LA, W6KC, etc.), values, and counts.

Orange

Table with columns for state abbreviations (W6EEN, K6NR, etc.), values, and counts.

Pacific

Table with columns for state abbreviations (K6HND, K6HSJF, etc.), values, and counts.

Sacramento Valley

Table with columns for state abbreviations (K6KM, W6AX, etc.), values, and counts.

Oklahoma

Table with columns for state abbreviations (K5KA, NSNA, etc.), values, and counts.

San Diego

Table with columns for state abbreviations (K6GTA, W6UE, etc.), values, and counts.

San Francisco

Table with columns for state abbreviations (K6CTA, K6ANP, etc.), values, and counts.

San Joaquin Valley

Table with columns for state abbreviations (W6CH, K6SH, etc.), values, and counts.

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Los Angeles

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