

Contesting as Performance Art— The 1998 Phone Sweepstakes

What comes to mind when you think of “performance art?” A theatrical piece mixing dance with gymnastics and circus acrobatics? A happening that uses slides, video, props, wigs and music in conjunction with the reading of poems and prose? How about 5,200 people throughout the US, Canada, the Caribbean and parts of the Pacific trying to exchange some numbers and letters with each other by shouting into a microphone for 24 out of 30 hours?

Performance art stresses spontaneity,

evanescence, and originality; and often exhibits a keen sense of absurdity. Each Sweepstakes QSO is spontaneous, radio communications are ephemeral and, since dupes are not permitted, each QSO is original. Old Sol contributed to the sense of the

absurd with a dramatic outburst at about 1620Z Sunday that caused 10, 15 and 20 meters to become absurdly quiet.

From the Internet’s *Free Concise Encyclopedia*: “All performance art shares two elements: First, the various parts of the performance function disharmoniously; second it must be performed live.” I would call 20 meters during the phone Sweepstakes live and disharmonious!

To further quote from the *Encyclopedia*, “Often performance art includes audience participation.” Contesting certainly requires audience participation. In fact, the guy with the biggest overall audience is the winner! The award-winning contestant *is* a performance artist. He knows where to perform (what band) and when (off-time strategy). He tailors his performance to the audience. It’s a different audience on 10 meters late Sunday morning than was present on 15 meters early Saturday afternoon.

Not all performances must be winners to be enjoyed and appreciated. There is an elite group that measures success by the ability to achieve a Clean Sweep (working all 79 US and Canadian sections) with just 79 QSOs! The *79ers* during the 1998 phone Sweepstakes included K9CAN, K8BL, WB2ZTH, K4UK, K6CT, W3DA, K4BNC and N2BIM. More tried, but were not perfect in their performance. They were booted off the stage by the log checkers. An attempt such as this is not a performance art decision to be made lightly. If everyone

Top 10 CW

When transferring data from the November Sweepstakes CW results, a character mismatch occurred. As a result, call signs containing the numeral “0” were not updated in the master Sweepstakes database. We are reprinting the corrected CW Sweepstakes Top Ten Box. The complete corrected CW Sweepstakes scores may be found on-line at the Contest Branch home page at <http://www.arri.org/contests>.

Top Ten Phone

Single Operator, QRP	Single Operator, High Power	Single Operator, QRP	Single Operator, High Power
N7VY 135,252	WP3R 410,326	W4PA 125,736	K1TO 240,792
W7YAQ 122,304	(KE3Q,op)	KG5U 120,588	WP3R 232,260
N4RZ 106,548	WP2Z 348,390	K1TR 117,936	(KE3Q,op)
K0RI 103,964	(K8MJZ,op)	N6MU 116,220	W5WMMU 232,102
K7MM 102,858	VE7SZ 333,854	(at N6NB)	(N6TR,op)
K3CR 90,376	(VE7NTT,op)	N0AX 109,802	K5GN 222,938
(KB3AFT,op)	VE6JY 327,692	N9CIQ 107,124	(at W5KU)
N6MI 86,424	(VE5MX,op)	K3CR 106,080	N2IC 221,674
(at N6NB)	KH7R 327,218	(KB3AFT op)	N5KO 216,618
KX9X 80,738	(KH6ND,op)	W1MJ 101,556	N0NI 216,302
K1VUT 75,840	N7TR 323,268	(at K1TTT)	(AG9A,op)
K2FF 75,840	K6LL 321,688	AC5K 97,636	W4AN 214,722
	N7ML 311,576	W8RU 95,004	(K4BAI,op)
Single Operator, Low Power	W6GO 309,048		N2NT 213,616
VE4GV 266,072	(N6IG,op)	Single Operator, Low Power	(N2NC,op)
K4WX 230,680	W0SD 308,574	N5TJ 208,244	WX0B 212,194
K7UP 228,310	(WD0T,op)	K0EU 190,390	(K5GA,op)
(W5FX,op)	Multioperator	K4VX 180,804	Multioperator
K5KA 222,464	KW8N 287,718	K6LA 170,352	K4OJ 202,398
W4OC 218,672	K8CC 272,708	K7UP 169,884	K0RF 201,552
VE5SF 215,986	KT0R 263,640	KY7M 164,162	K2TW 179,014
K6LA 198,764	K5NZ 257,856	K9IG 159,580	W2PV 177,750
W8MJ 196,394	N6RO 251,694	N0NR 158,474	K07X 177,528
N0AT 193,392	W5WVV 251,378	K9TM 157,248	K4LT 171,904
(N0KK,op)	W6EEN 250,272	NA4K 157,248	W3GH 169,218
VE6JO 193,234	W3GH 247,270		W4MYA 166,690
	KY2J 238,896		K0VBU 166,532
	K6AW 238,836		W2RE 163,688

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)
K3CR (KB3AFT,op) 90,376 Q	K2FF 75,840 Q	N4RZ 106,548 Q	K0RI 103,964 Q	N7VY 135,252 Q
K1VUT 75,480 Q	K5IID 71,916 Q	KX9X 80,738 Q	K5ED 57,084 Q	W7YAQ 122,304 Q
W1EAT 64,064 Q	W5JAY 66,150 Q	W4BRJF 53,246 Q	N0UR 56,940 Q	K7MM 102,858 Q
K2WK 51,034 Q	W4DEC 21,580 Q	N9DHF 34,164 Q	WA8ZBT 48,516 Q	N6MI (at N6NB) 86,424 Q
WA3DUR 47,268 Q	N4DD 14,560 Q	N9CIQ 14,560 Q	K6EIL 30,360 Q	W6LPW 40,500 Q
K1HTV 188,336 A	K4WX 230,680 A	W8MJ 196,394 A	VE4GV 266,072 A	198,764 A
KZ1M 183,280 A	W4OC 218,672 A	AJ9C 191,100 A	K7UP (W5FX,op) 228,310 A	VE6JO 193,234 A
WA1LJD 176,170 A	K5OY (at AB5SE) 166,296 A	KK9A 177,592 A	K5KA 222,464 A	K7QQ 188,020 A
WA3HAE 147,572 A	KD3GC 148,302 A	K9UIY (at WB9Z) 135,564 A	VE5SF 215,986 A	K4XU/7 178,856 A
K1PY 134,134 A	WO4O 135,406 A	N9VVV 133,224 A	N0AT (N0KK,op) 193,392 A	K6RO 176,124 A
KQ2M 273,814 B	WP3R (KE3Q,op) 410,326 B	WB9Z 234,468 B	W0SD (WD0T,op) 308,574 B	VE7SZ (VE7NTT,op) 333,854 B
K3MM 269,074 B	WP2Z (K8MJZ,op) 348,390 B	K9BGL 233,050 B	W0BO 291,352 B	VE6JY (VE5MX,op) 327,692 B
WB1GQR (W1SJ,op) 238,992 B	WC4E(K9PG,op) 294,986 B	W0CG 181,068 B	K5TR (at W5KFT) 291,194 B	KH7R (KH6ND,op) 327,218 B
K3ZO 236,684 B	K4VUD 254,538 B	K9PW 174,906 B	K0KE 277,132 B	N7TR 323,268 B
W2RE 230,680 B	W5XX 254,380 B	KE8GG 168,744 B	K7CF 225,308 B	K6LL 321,688 B
W3GH 247,270 M	NP2E 205,874 M	KW8N 287,718 M	KT0R 263,640 M	N6RO 251,694 M
KY2J 238,896 M	WD4AHZ 202,398 M	K8CC 272,708 M	N5NZ 257,856 M	W6EEN 250,272 M
K1G 212,668 M	K8WT 185,808 M	W0AIH 222,780 M	W5WVV 251,378 M	K6AW 238,836 M
K2NMY 187,512 M	W4CAT 148,362 M	KE9I 207,454 M	K0RVL 237,158 M	K6NO 236,210 M
K2KV 183,280 M	KG5VK 148,046 M	KG8CW 192,760 M	W0GG 235,716 M	N6ZS 230,206 M

(Q = QRP, A = Low Power, B = High Power, M = Multioperator)

tried this at once, it wouldn't be fun for anybody.

Not all participants even realize they are performance artists. Take Brian, ND3F. Operating 75 meters at N3IQ, Brian describes his piece of contesting performance art: "A station called me, and gave the full

exchange with the serial number 001. We completed and logged the contact. He then informed me that he was the net control for a net that normally used the frequency that I was on, and that the net started in about a half-hour. He asked that I keep the frequency open for them until the time for the net to start.

"I ran the frequency for another half hour, picking up some 40 stations during the period and, when the moment arrived, I gladly gave up the frequency to the friendly, skilled net control. He thanked us, and said he thought the net business would take about 10 minutes at which time we could have the frequency back if we wanted!"

In the more traditional performance of the art of contesting, Rich, KE3Q, using WP3R as his stage, took the *Hiram* (my hypothetical Oscar!) for Best Performance by a Single Operator in a High Power Role. Rich's total audience of 2597 included one from each section for a sweep. Rich made his Caribbean-theme Sweepstakes performances a resounding success (Rich was number 2 overall in CW at WP3R).

Following Rich in both the both overall and in the Southeast Region with the Hiram for Best Supporting Operator in a High Power Role was Stan, K8MJZ headlining the renowned WP2Z Windward Theater to number 2. In a venue about as far away as possible from Rich and Stan, Gary, VE7NTT, using the facilities at VE7SZ was number 3 overall and got top billing in the West Coast Region.

Todd, VE5MX, did a limited engagement at VE6JY for number 4 while Mike, KH6ND, played a one nighter at KH7R for number 5. The lower 48 didn't break into the Top Ten High Power Box until the number 6 spot which was taken by Rich, N7TR, with Dave, K6LL, hot on Rich's heels at number 7. Craig, N7ML was number 8 with Jim, N6IG, at the venerable antenna playhouse of W6GO, number 9. Todd, WD0T, playing W0SD at number 10, was the eastern-most Top Ten finisher (outside of the Caribbean) and took a bow as the Midwest Region leader. Headliners east of the Mississippi were KQ2M in the Northeast Region and WB9Z in the Central Region.

The Hiram for Best Performance by a Single Operator in a Low Power Role went to Bob, VE4GV, in the Midwest Region. When the final curtain fell the number 2 position

was held by Ed, K4WX, the Southeast Region leader. Also in the spotlight at number 3 was Mike, W5FX, on stage at K7UP. Ken, K5KA finished 4th ahead of W4OC, number 5. Four of the top five finishers hailed from the Midwest Region.

VE5SF was number 6 overall while Ken, K6LA, operating from a QTH in the shadows of Hollywood, was number 7. Ken, W8MJ, got a standing ovation for his Central Region performance, good for number 8 overall. Kirk, N0KK, operating at N0AT got rave reviews for his number 9 finish. Just behind was Vitaly, VE6JO rounding out the Low Power Top Ten. While no one from the Northeast Region made the Top Ten box, the closest was Rich, KIHTV.

Playing the most intimate of venues, the coffee house circuit, the Hiram for Best Performance by a Single Operator in a QRP Power Role goes to Gordon, N7VY, whose shtick brought down the house from the West Coast. Playing second fiddle overall—and in the region—was Bob, W7YAQ. Out of the Central Region came Fred, N4RZ, in the third spot. Fourth was Larry, K0RI, who stole the show in the Midwest Region. Dan, K7MM, at number 5 gave the West Coast three of the top-five kudos. The only two Northeast Region Top Ten performances by single ops were credited to Jim, KB3AFT, at K3CR at number 6 and Dave, K1VUT, at number 9. Scott, N6MI took his show on the road to N6NB for number 7. Sean, KX9X got an audience share good for number 8. Tied for number 9 and rounding out the Top Ten was Glenn, K2FF, the Southeast Region leader.

The Hiram for Best Multioperator Performance was grabbed by the Central Region leading crew at KW8N, followed by the group at K8CC. The repertoire company at KT0R was number 3 overall and number 1 in the Midwest Region followed by the gang at K5NZ. West Coast Region bows were taken by the crowd at number 5 N6RO. The mob at W5WW was number 6. Appearing in the number 7 slot were the actors at W6EEN. The number 8 slot was held by those outrageous guys at W3GH, the Northeast Region conquerors. The horde at KY2J was ninth with the cast of K6AW taking the last spot in the coveted multi-op Top Ten box. Not to be forgotten were the efforts of NP2E's cast, who garnered the biggest audience in the Southeast Region.

Affiliated Club Competition

	Score	Entries
Unlimited Category		
Potomac Valley Radio Club	11,953,728	149
Northern California Contest Club	9,742,508	103
Society of Midwest Contesters	6,624,648	76
Yankee Clipper Contest Club	5,554,448	82
Minnesota Wireless Assn	4,924,488	65
Medium Category		
Southern California Contest Club	4,982,582	42
Frankford Radio Club	4,194,260	49
Tennessee Contest Group	3,397,098	36
North Texas Contest Club	3,090,736	34
Mad River Radio Club	2,829,042	33
Florida Contest Group	2,660,742	26
Texas DX Society	2,288,000	22
North Coast Contesters	2,009,490	26
Rochester (NY) DX Assn	1,626,758	25
South East Contest Club	1,530,624	14
Western Washington DX Club	1,424,898	20
Kentucky Contest Group	1,190,522	21
Oklahoma DX Assn	1,162,556	10
Central Texas DX and Contest Club	1,100,308	10
Mid High DX Assn	975,150	11
Salt City DX Assn	967,956	7
Kansas City DX Club	840,160	9
Grand Mesa Contesters	835,164	13
Central Arizona DX Assn	798,052	8
Radio Amateurs of Northern Vermont	652,428	7
Woodbridge Wireless	646,174	14
South Jersey Radio Assn	558,312	21
Motor City Radio Club	540,308	17
AK-SAR-BEN	539,234	13
Rip Van Winkle ARS	538,900	10
Weekend Warriors	535,880	7
Lincoln ARC	510,048	8
Willamette Valley DX Club	459,408	5
Hazel Park ARC	456,372	21
Western New York DX Assn	405,188	7
Northern Arizona DX Assn	362,418	9
Schenectady ARA	359,228	5
Florida Contest Club	341,080	3
West Park Radiops	335,566	11
Order of Boiled Owls of New York	320,260	3
Murgas ARC	265,286	4
Long Island Mobile ARC	249,294	4
Murphy's Marauders	246,222	3
Central Michigan ARC	220,244	8
Southwest Ohio DX Assn	209,152	4
Northrop Grumman Radio Club	191,888	3
OH-KY-IN ARS	134,970	3
Highland ARA	113,908	4
Valley Radio Club of Eugene	109,882	3
Franklin County ARC	108,048	4
Northwest ARS	98,004	3
Carolina DX Assn	92,300	5
Newington Amateur Radio League	91,328	6
Mother Lode DX/Contest Club	78,844	3
Eastern Iowa DX Assn	72,342	5
Lebanon Valley Society of Radio	68,756	4
Kettle Moraine Radio Amateurs	67,110	3
Six Meter Club of Chicago	36,196	3
Capital City ARS	3,726	3
Local Category		
River City Contesters	1,872,648	10
Hudson Valley Contesters and DXers	1,487,846	10
Federation of Amateur Radio	707,162	8
Eastern Connecticut ARA	335,276	3
Green River Valley ARS	311,624	7
Vicksburg ARC	305,294	3
Magnolia DX Assn	278,602	3
Pocatello ARC	237,430	4
Great Falls Area ARC	225,370	3
Sturdy Memorial Hospital ARC	205,066	4
County Line ARA	203,898	7
Worldradio Staff ARC	194,372	4
CT RI Contest Group	183,112	4
American Red Cross Emergency	177,222	5
Northern New York Contest Club	147,818	6
Williamsburg Area ARC	137,946	3
Hamfesters Radio Club	131,164	5
Alcatel ARC	109,102	3
Sterling Park ARC	107,058	5
Baton Rouge ARC	106,566	4
Norwood ARC	102,888	3
West Essex ARC	99,916	5
Garden State ARA	84,262	3
Redwood Empire DX Assn	75,870	3
Poinsettia ARC	68,982	5
10-70 Repeater Assn	51,614	3

1998 Sweepstakes Collegiate Championship Final Standings

Call	Total score	School	Call	Total score	School
W6UE	428,812	Cal Tech	VE2CUA	80,964	Concordia University
W6YX	376,678	Stanford University	N1JJ	77,376	Forest Ridge Academy
N5XU	269,786	ARC U of Texas	W8KW	66,768	Eastern Michigan University
W1YK	243,546	Worcester Poly Tech Institute	WA5BU	62,662	Baylor University
W5YM	227,184	ARC U of Arkansas	N6CP/W6BHZ	59,204	Cal Poly - San Luis Obispo
W4ATC	203,086	NC State University	W8LT	58,650	Ohio State University
WD8DQA	179,624	Muskingum Area Tech College	W7ISU	50,876	Idaho State University
K4KDJ	162,684	Virginia Tech	W7UQ	28,320	U of Idaho
W4AQL	154,740	Georgia Institute of Technology	W9YB	17,694	Purdue University
W0EEE	135,848	U of Missouri - Rolla	WB4TOP	16,920	Wake Technical College
W2CXM	94,224	Cornell University	W3AJ	12,760	Swarthmore College
KC7KFF	90,060	Carl Hayden Community H.S.	W9NAA	1,440	Rose Technical College

To roundout the 1998 November Sweepstakes, there are a few overall category awards to be mentioned. In the Collegiate Championships, W6UE, the Cal Tech Amateur Radio Club, beat out W6YX the Stanford Amateur Radio club, to claim the Collegiate Championship for 1998.

Congratulations are in order for the contesting ensemble groups known as the

Potomac Valley Radio Club (unlimited), the Southern California Contest Club (medium), and the River City Contesters (local) for taking home the coveted Hiram for Best Performance by a group in their individual Affiliated Club Competition categories.

The 1999 Sweepstakes are but a few months down the road (CW, November 6-8, and phone, November 20-22). Now is the

time to start preparing the theatre for another blockbuster performance. Who will be the surprise stars in 1999? Will the grizzled veterans of Sweepstakes performances past be able to stand up to another onslaught from the new "young guns?" Who will be left standing when the log checkers open that magic envelope next year and utter those magic words, "And the winner is..."?

ARRL November Sweepstakes Plaque Winners

Listed below are all of the plaque winners in the phone category. Only plaques with sponsors will be awarded. If you have won a plaque that is not sponsored, you may purchase your own plaque. The cost is \$60 per plaque. If you, your club, or business is interested in sponsoring any of the unsponsored plaques call Dan Henderson, N1ND at ARRL HQ.

Overall	Winner	Sponsor	Northwestern Division	Winner	Sponsor
QRP Phone	N7VY	QRP-ARCI	QRP Phone	W7YAQ	Steve Morris, K7LXC and Tower Tech
Low Power Phone	VE4GV	Ken Adams K5KA	Low Power Phone	K7QQ	
High Power Phone	WP3R (KE3Q,op)	Carl Cook, Al6V	High Power Phone	N7ML	
Multioperator Phone	KW8N	Central Texas DX & Contest Club	Multioperator Phone	K7IR	
Atlantic Division			Pacific Division		
QRP Phone	K3CR (KB3AFT,op)	Maryland Milliwatt Club	QRP Phone	N6MI (at N6NB)	UHM Ham Club
Low Power Phone	K1HTV	Potomac Valley Radio Club	Low Power Phone	K6UM	Jim Hollenback, NK6L
High Power Phone	K3MM	North Coast Contesters	High Power Phone	KH7R (KH6ND,op)	Richard Hallman, N7TR
Multioperator Phone	W3GH	Mark Sickmeyer, KB3GJ, Memorial	Multioperator Phone	N6RO	
Central Division			Roanoke Division		
QRP Phone	KX9X	Don Haney, W9WVW	QRP Phone	K5IID	
Low Power Phone	AJ9C	Society of Midwest Contesters	Low Power Phone	W4OC	Jim Stevens, K4MA
High Power Phone	WB9Z	Society of Midwest Contesters	High Power Phone	W4MYA	Potomac Valley Radio Club
Multioperator Phone	W0AIIH	Don Haney, W9WVW	Multioperator Phone	K8WT	Shenandoah Valley ARC
Dakota Division			Rocky Mountain Division		
QRP Phone	N0UR	Tod Olson, K0TO	QRP Phone	K0RI	Ron Stark, KU7Y
Low Power Phone	K0VX	Minnesota Wireless Assn, W0AA	Low Power Phone	K7UP (W5FX,op)	
High Power Phone	W0SD (WD0T,op)	Minnesota Wireless Assn, W0AA	High Power Phone	K0KE	
Multioperator Phone	KT0R	Minnesota Wireless Assn, W0AA	Multioperator Phone	W0GG	
Delta Division			Southeastern Division		
QRP Phone	K2FF	Pat Sonnier, W5WMU	QRP Phone	W4DEC	
Low Power Phone	K4WX	Pat Sonnier, W5WMU	Low Power Phone	KD3GC	
High Power Phone	K5XX	Pat Sonnier, W5WMU	High Power Phone	WP3R (KE3Q,op)	
Multioperator Phone	W4CAT	Twin City Ham Club	Multioperator Phone	NP2E	
Great Lakes Division			Southwestern Division		
QRP Phone	N4RZ		QRP Phone	N7VY	Ray Day, N6HE and Donna Day, N6HTH
Low Power Phone	W8MJ	Mad River Radio Club	Low Power Phone	K6LA	
High Power Phone	W0CG	North Coast Contesters	High Power Phone	K6LL	
Multioperator Phone	KW8N	Hazel Park ARC	Multioperator Phone	W6EEN	
Hudson Division			West Gulf Division		
QRP Phone	K2KW	NJ-QRP Club	QRP Phone	K5ED	
Low Power Phone	K2UF	Troy ARA, N2TY	Low Power Phone	K5KA	D. Craig Boyer, AH9B
High Power Phone	K2RE	John Hults, K2WJ	High Power Phone	K5TR (at W5KFT)	Leo E. Oylar, Jr, W0GOW—W5RO
Multioperator Phone	KY2J		Multioperator Phone	K5NZ	Memorial Oklahoma DX Assn
Midwest Division			Canada		
QRP Phone	K0JGH		QRP Phone	VE5QRP	
Low Power Phone	WN0G		Low Power Phone	VE4GV	
High Power Phone	K10MB		High Power Phone	VE7SZ (VE7NTT,op)	D. Craig Boyer, AH9B
Multioperator Phone	K0RWL		Multioperator Phone	VE6AO	
New England Division					
QRP Phone	K1VUT	QRP Club of New England			
Low Power Phone	KZ1M	Mitch Stern, W1SJ			
High Power Phone	KQ2M	Ed Parsons, K1TR			
Multioperator Phone	K1IG	John Olsen, K1NG			

Scores

Within each Section, scores are listed in descending order, by power categories, followed by multioperators. Line scores list call sign, score QSOs, multipliers, hours, class (Q = QRP, A = Low Power, B = High Power, M = Multioperator).

1	N1NUA (+W1DLC)	42,048	288	73	13	B						KZ1O (+N1TMZ)	18,696	164	57	24	A
Connecticut	W1LP	38,850	259	75	17	B						KD1LZ (+N1SBN)	7,650	85	45	24	A
N1TM	W1RY	31,600	200	79	13	B						Rhode Island					
W1PG	K1SM	11,340	105	54	3	B						K1VSJ	63,358	401	79	13	A
NM1K	W1XS (+NET)	76,908	493	78	20	M						K2MNN	7,802	83	47	3	A
KA1MWW	K1TH (+NET)	58,188	373	78	8	M						K1AM	163,056	1032	79	16	B
NX1Q	W1OE (+ops)	21,252	161	66	11	M						K1IG (+K1NG,K1SD)	212,668	1346	79	22	B
W1CTN	K1FV (+K1SM)	15,120	135	56	3	M						W1OP (K1PLX,KA1KWE,ops)	115,182	729	79	18	B
W1RPG	AE1M (+NET)	14,100	94	75	20	M						AA1II (KE1JA,N1KRU,ops)	65,728	416	79	19	A
N1QDA	Maine											Vermont					
WB8IMY	K1N1	102,804	659	78	23	A						W1EAT	64,064	416	77	18	Q
N1ND	KT1W	74,936	493	76	22	A						N0ICI	65,604	462	71	22	A
W1VIM	KD1O	64,296	423	76	24	A						AA1SU	58,350	389	75	22	A
WA1ZEK	K1YCS	24,180	186	65	11	A						W12N	35,866	227	79	14	A
KC1JV	N1YI (+NET)	15,252	123	62	24	A						N1RUJ	27,568	179	77	24	A
KE1AU	N1ZPC (+NET)	94,484	598	79	24	M						Western Massachusetts					
K3UFG		78,684	498	79	20	M						KZ1M	183,280	1160	79	24	A
K3EIN																	
WB1CZX																	
KQ2M																	
N1XYS (at KB1H)																	
132,878																	
N1HRA																	
K1WB																	
W1SAM																	
K1DIJ																	
W1QK (+KA1SYG)																	
108,888																	

Table with columns for state abbreviations (e.g., N8NX, K8IR), values, and names. Includes sections for West Virginia, Illinois, Ohio, and Nebraska.

Table with columns for state abbreviations (e.g., K9CC, K9LU), values, and names. Includes sections for Minnesota, Wisconsin, Colorado, and North Dakota.

Table with columns for state abbreviations (e.g., N0LM, N0LA), values, and names. Includes sections for South Dakota, Quebec, Ontario, Manitoba, Saskatchewan, Alberta, and Yukon.

