

1999 ARRL RTTY Roundup Results

ome called it a RTTY contest, while others preferred the broader term "digital." Most used teletype, but a few tested the waters with other modes such as PACTOR and PSK31. All called it *fun!* Of course, I am referring to the 1999 ARRL RTTY Roundup, which took place January 2-3.

Hundreds of digital enthusiasts throughout the world took to the airways. In fact, participation in the 1999 ARRL RTTY Roundup was at an all-time high. A total of 625 scores were reported to the Contest Branch—a 26% increase from the old mark. And while reviewing the logs we discovered that many more participated but did not submit scores.

Adding to the excitement, the ARRL announced a new plaque program for this contest. Through the efforts of late North-western division director Mary Lou Brown, NM7N, and RTTY enthusiast Jay Townsend, WS7I, the League is making plaques available to the leading scores in each Division, as well as the overall winners. (With this addition we now offer plaques to the winners in each of the ARRL-sponsored all-band HF contests.)

The 1999 champions come from across the contest spectrum. The W/VE single-op high-power champion is K5DJ, with AA5AU taking home the honors in the W/VE single-op low-power category. The W/VE multi-op low-power winner was the crew at AD5A, while W0SD won the



The 1999 RTTY Roundup is highlighted by the introduction of beautiful new plaques.

W/VE multi-op high-power category. The scores from K5DJ, AA5AU and WØSD represent new overall scoring records in their categories.

If you were looking for record-setting performances, you could certainly find them as 31 division records were broken in January. New low-power single-op division scores were posted by W1TY (Atlanta).

Region Leaders

Boxes list call sign, score, class (S = single-operator, M = Multioperator), and power (A = low power, B= high power).

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)			
N1RCT	140,220	S	A	AA5AU	152,625	S	A	K9TM	117,705	S	A	WW2R	118,272	S	A	W7LD	64,740	S	A
W1TY	113,553	S	A	WT4I	124,848	S	A	VA3MM	113,620	S	A	VE4COZ	64,974	S	A	AA7UN	56,357	S	A
K2NJ	81,290	S	A	KA4RRU	101,676	S	A	N9CK	84,002	S	A	KI0LO	55,419	S	A	VE6WQ	55,245	S	A
WA6ILT/1	71,508	S	A	NS2M	100,510	S	A	WO9S	81,100	S	A	VE5SF	54,145	S	A	W6/G0AZT	53,956	S	A
W2KI	68,928	S	A	W4/KL7Q	87,360	S	A	W4LC	78,300	S	A	N5XUS	53,125	S	A	N6EE	52,712	S	A
K3MM	152,558	S	B	K4EA	115,995	S	B	N9NCX	144,866	S	B	K5DJ	201,630	S	B	W7RY	153,900	S	B
WF1B	130,152	S	B	AF4Z	103,480	S	B	K9NX	100,008	S	B	K0KO	119,573	S	B	W7NN	148,610	S	B
YV2SS	121,212	S	B	KK5OQ	101,325	S	B	N8NR	93,392	S	B	VE5CPU	78,120	S	B	W7GG	135,783	S	B
NO2T	97,584	S	B	AG4W	57,434	S	B	ND5S/8	91,797	S	B	K5ZQ	75,400	S	B	W7TI	113,928	S	B
NE3H	93,704	S	B	W4CZ	43,510	S	B	AB8K	90,275	S	B	K0FG	64,881	S	B	K7WM	106,757	S	B
N1JEB	72,468	M	A	W5VZF	50,416	M	A	N8LRG	39,520	M	A	AD5A	81,720	M	A	VE6RAJ	61,992	M	A
W1FN	33,670	M	A	WA4QDM	15,862	M	A	VE3AA	31,160	M	A	KG0QQ	66,924	M	A	N7IZM	24,600	M	A
W1SBD	11,403	M	A					W9OKD	23,976	M	A	K0VPR	44,116	M	A	WN6W	20,096	M	A
								VE3GCB	8,064	M	A	K0OZ	34,710	M	A	KD6FIB	5,054	M	A
								VE3BGV	4,650	M	A	N0AT	8,477	M	A				
KE3ZR	151,496	M	B	AA4NC	132,940	M	B	AA9RR	65,237	M	B	W0SD	156,897	M	B	K7BG	12,139	M	B
W3WKR	49,914	M	B					W4CN	57,152	M	B	W0DC(at W0BV)	114,464	M	B				
W1RH	28,700	M	B					K8AA	28,710	M	B	KF0FN	77,900	M	B				
								VA3SWG	8,721	M	B	K0BX	55,348	M	B				

tic), N9CK (Central), AA5AU (Delta), K9TM (Great Lakes), K2NJ (Hudson), N1RCT (New England), WT4I (Southeastern), WW2R (West Gulf) and VA3MM (Canada). High-power single-op records were set by N9NCX (Central), K0KO (Dakota), KK5OQ (Delta), N8NR (Great Lakes), NO2T (Hudson), W7RY (Northwestern), NQ6C (Pacific), K4EA (South-eastern), K7WM (Southwestern), K5DJ (West Gulf) and VY2SS (Canada).

Multi-op records in the low-power category are now held by KØVPR (Dakota), W5VZF (Delta), N1JEB (New England), N7IZM (Southwestern), AD5A (West Gulf) and VE6RAJ (Canada). Finally, KE3ZR (Atlantic), WØSD (Dakota), KØBX (Midwest), and AA4NC (Roanoke) are all in the record books as multi-op high-power stations. Congratulations to all on another record-setting year!

It's interesting to note that the top five W/VE single-op low-power scorers exceeded some scores on the W/VE single-op high-power Top-10 list. Maybe good operating techniques can be a way to offset the lack of RF output. Either way, it is easy to see this contest is becoming more competitive and popular.

Three of the four DX category winners hailed from operations in the Caribbean. DX single-op low-power winner 6Y5/DL7VOG, DX single-op high-power leader FM5CD and DX multi-op low-power champion all enjoyed the fruits of their victories while escaping the January winters in tropical locales. DX multi-op high-power champion OT9E showed that you don't have to operate from exotic paradises to win in this contest. Congratulations to

Scores

Scores are listed by DXCC Countries and ARRL|RAC Sections. Line scores list call sign, score, QSOs, multipliers, hours, and power (A = low-power, B = high-power). Multi-op stations show multiple call signs or PacketCluster.

Asia	Georgia	CT1ETE	4,232	92	46	10	A	IK1HRS	41,400	450	92	8	A	OK2PAD	13,200	220	60	11	A	Poland						
4L1BR	8,883	141	63	24	A		IK2QCF	28,618	349	82	24	A	OK2BMC	5,000	125	40	9	A	SP9LKS	14,973	217	69	24	A		
Fed. Rep. of Germany								IK4WMH	25,758	318	81	24	A	OK1FJD	3,060	85	36	9	A	SP4MPH	7,300	146	50	24	A	
Israel	4ZC5P	2,952	82	36	24	A	IK2UVR	17,228	236	73	24	A	OK1BMW	2,860	65	44	9	A	SP6FHJ	2,765	79	35	24	A		
West Malaysia								IK1DHF	14,982	227	66	20	A	OK2BXW	105,075	467	225	24	B	SP2EW	1,248	48	26	24	A	
9M2TO	1,860	60	31	24	A	DL7VCH	13,134	199	66	24	A	OK2SG	21,837	251	87	24	B	SP4PR	3,461	36	19	24	B			
Japan								IK8SRCR	12,600	150	84	24	A	OL5Q (OK1HRA,OK1FFU,ops)	77,896	749	104	24	B	SP2EGB	43,475	457	95	24	B	
Spain								IK9KHP	12,125	125	97	24	A	SP2EGB (logger)	31,390	365	86	24	B	SP1MVH	81	9	24	24	B	
JE2UUFF	32,760	360	91	11	A		IK9OPH	11,078	191	58	24	A	SP5ZCC (SP5UAF,SP5TAT,SP5QBP,ops)	15,260	218	70	24	A	SP5EBJ (ops)	10,112	436	92	23	A		
JAI1WSK	15,147	187	81	12	A		I7PVX	10,624	166	64	24	A	SN11 (SP1MHV, logger)	19,836	261	76	24	B	OM3TA	9,060	151	60	24	A		
JR4GPA	11,484	174	66	24	A		IK1NEM	10,458	166	63	24	A		OM3AG	9,060	151	60	24	A	UT3ME	40,112	436	92	23	A	
JAZ2BY	9,656	142	68	24	A		IK2ASM	10,380	173	60	24	A		ON4A0I (logger)	128,880	1074	120	24	B	UT3ME	15,260	304	59	24	A	
JAI1SV	5,568	96	58	24	A		IK2CSR	8,100	150	54	24	A		ON4A0I (ops)						SV1DNW	17,936	304	59	24	A	
JR1SKS	3,960	90	44	24	A		IK6CAC	7,752	152	51	24	A							Ukraine	OZ5MJ	8,208	152	54	24	A	
JHK8YU1	4	2	2	24	B		IK4YNR	6,985	127	55	24	A							UT2IO	27,302	374	73	24	A		
JMTQWL	9,617	163	59	7	B		IK5MEO	5,300	100	53	8	A							UT4HJ	8,195	149	58	24	A		
JH6ETS	3,900	75	52	10	B		IK7TRVY	3,995	85	47	24	A							UT4EYN	2,541	77	33	24	A		
JZAX2B	340	20	17	24	B		IK3VKE	3,311	77	43	24	A							UT9J	107,408	828	69	12	B		
7L4IOU (+PacketCluster)	9,222	159	58	24	B		IK7YUC	1,500	50	30	24	A							UR3IMM	2,480	60	41	24	B		
							IK1COB	54,990	585	94	24	B							UR3IMW	2,460	60	41	24	B		
Moldova																				UT2II (+ops)	21,318	323	66	24	B	
ER5OK	27,306	369	74	24	A															Latvia	YL3FW	5,160	120	43	24	A
Belarus																				YL8M (YL2KL,ops)	86,184	756	114	24	B	
EU1AZ	75,435	705	107	24	A															ROMANIA	Y03AJF	9,656	142	68	24	A
EW1EA	16,512	258	64	24	A															Yugoslavia	SP9LKS	14,973	217	69	24	A
UA6AN	37,468	493	76	24	B															YUGOSLAVIA	SP4MPH	7,300	146	50	24	A
UA6AHF	13,104	234	56	24	B															Z31GB	SP2EGB	31,390	365	86	24	B
Asiatic Russia																				FYR Macedonia	SP4PR	43,475	457	95	24	B
RA4AFZ	2,550	73	25	24	A															North America	SP9LKS	14,973	217	69	24	A
EA6CA	13,094	214	64	24	A															Jamaica	SP4MPH	7,300	146	50	24	A
RZQ9U	12,650	230	55	24	A															6Y5/DLT7VOG	SP2EGB	31,390	365	86	24	B
RA9MY	7,434	177	42	24	A															6Y5/DLT7VOG	SP1MVH	81	9	24	24	B
EA0A0GI	6,150	150	41	24	A															6Y5/DLT7VOG	SP5ZCC	15,260	304	59	24	A
RA3B3B	4,264	104	41	24	A															6Y5/DLT7VOG	SP5EBJ	10,112	436	92	23	A
RX9AM	1,224	51	24	24	A															6Y5/DLT7VOG	SP5EYB	21,318	323	66	24	B
RU3AT	29,016	372	78	24	B															6Y5/DLT7VOG	SP5EYB	21,318	323	66	24	B
RA3BT	21,692	319	68	24	B															6Y5/DLT7VOG	SP5EYB	21,318	323	66	24	B
RK9CWA (+UA9CGA,RW9CF,ops)	8,856	164	54	24	B															6Y5/DLT7VOG	SP5EYB	21,318	323	66	24	B
Kazakhstan																				6Y5/DLT7VOG	SP5EYB	21,318	323	66	24	B
UP5P (UN5PR,ops)	75,548	748	101	24	B															6Y5/DLT7VOG	SP5EYB	21,318	323	66	24	B
Europe																				6Y5/DLT7VOG	SP5EYB	21,318	323	66	24	B
Croatia	9A7P	46,835	551	85	24	A														6Y5/DLT7VOG	SP5EYB	21,318	323	66	24	B
9A6ACY	4,140	46	90	24	A															6Y5/DLT7VOG	SP5EYB	21,318	323	66	24	B
9A5Y (+9A5CM,9A3LG,9A3NM,ops)	64,190	655	98	24	B															6Y5/DLT7VOG	SP5EYB	21,318	323	66	24	B
Portugal																				6Y5/DLT7VOG	SP5EYB	21,318	323	66	24	B
CT1AOZ	40,800	425	96	15	A															6Y5/DLT7VOG	SP5EYB	21,318	323	66	24	B
Italy																				6Y5/DLT7VOG	SP5EYB	21,318	323	66	24	B
IV3FSG	60,300	603	100	24	A															6Y5/DLT7VOG	SP5EYB	21,318	323	66	24	B

Plaque Winners

Thanks to the efforts of Mary Lou Brown, NM7M (SK), and Jay Townsend, WS7I, the ARRL is pleased to initiate a plaque program for the annual RTTY RoundUp. The handsome plaques are awarded to the top scoring DX and W/VE station in each of four categories: single-op low-power, single-op high-power, multi-op low-power and multi-op high-power. Plaques are also awarded to the top scoring single-op station in each ARRL Division and Canada. Winners of non-sponsored plaques may purchase them for \$60. Contact N1ND at the ARRL Contest Branch for information.

Category	Winner	Sponsor
US/VE single-op low-power	AA5AU	Michael Matlock, K7WM
NM7TN Memorial		
US/VE single-op high-power		
W7RM Recognition Award	K5DJ	Frank Fallon, N2FF
US/VE multi-op low-power	AD5A	Nick Smith, W4GKM
US/VE multi-op high-power	W0SD	<i>WriteLog</i> , Ron Stailey, K5DJ
DX single-op low-power	6V5/DL7VOG	Neal Campbell K3NC
DX single-op high-power	FM5CD	Dick Stevens N1RCT
DX multi-op low-power	KP2D	Mike Lonneke, WØYR
DX multi-op high-power	OT9E	Mike Lonneke, WØYR
Atlantic Division	K3MM	Dan Senie, N1JEB
Central Division	N9NCX	Don Hill, AA5UA
Dakota Division	K0KO	Lawrence Gandy, AH8LG
Delta Division	AA5AU	Great Lakes DX & Contest Club, K9PXV
Great Lakes Division	K9TM	Amateur Radio Transmitting Society, W4CN
Hudson Division	NO2T	Frank Fallon, N2FF
Midwest Division	K0FG	Peter Rimmel, N8PR
New England Division	N1RCT	Charles Schwartz, W1TE
Northwestern Division	W7RY	Vern Combs, KJ7TH and Jim Luderman, AA7UN
Pacific Division	NQ6C	Lawrence Gandy, AH8LG
Roanoke Division	KA4RRU	Troy ARS, N2TY
Rocky Mountain Division	WB1GSO	Julien Val Baldwin, N7VGO
Southeastern Division	WT4I	Jim Mortensen, N2HOS
Southwestern Division	K7WM	Jules Freundlich, W2JGR
West Gulf Division	K5DJ	Glenn Vinson, W6OTC
Canadian	VY2SS	Foothills Amateur Radio Teleprinting Society

each of the overall category winners.

Is it possible to do well in this contest from any region in the US? You bet! The regional winner in each of the four categories from every region—Northeast, Southeast, Central, and Midwest—each placed in the Top 10 Box. In the West Coast region, the single-op high-power and multi-op low-power winners also made Top 10 Box appearances. Three of the four overall W/VE winners hail from the Midwest Division (K5DJ, AD5A and WØSD), while the

fourth resides in the Southeastern Division.

The 2000 ARRL RTTY Roundup will be the first all-band HF contest held during the last year of the millennium. The dates are January 8-9, 2000. The new ARRL log-checking procedures should be in place to help make the event even more interesting and competitive. Gear yourself up to help usher out the 20th century and the 2nd millennium in style. Why not "go digital" and see for yourself why this contest is one of the fastest growing on-air events?

Martinique	K2AL	2,166	57	38	10	A	W4JLS	20,520	285	72	24	A	Arizona	A66TY	37,716	449	84	22	A	WD9GWH	3,666	94	39	11	B
FM5DC	138,504	1194	116	24	B	N02T	97,584	912	107	82	24	B	W6HG	18,095	235	77	17	A	AA9RR (+ops)	65,237	733	89	23	B	
Virgin Islands	KP2D (+KP2N, NP2E, NP2W)	104,643	1057	99	24	A	N2ED	28,208	344	82	24	B	N3MA	17,293	266	65	13	A	Colorado						
Puerto Rico	KP4VP	11,600	200	58	24	B	NQ3N	15,510	235	66	21	A	N3TC	13,038	196	68	14	A	N0RNR	20,664	252	82	24	A	
Montserrat	KP4VP	11,600	200	58	24	B	KR2G	5,778	107	54	10	A	KD4ZLJ	10,788	174	52	24	A	N0HCH	10,638	197	54	13	A	
Mexico	XE2DV	5,405	115	47	24	A	KC2SZ	5,664	118	48	24	A	K4PZC	1,400	50	28	12	A	WA3COS	9,487	179	53	16	A	
Oceania							W5KI	81	9	9	24	A	WA4QDM (+PacketCluster)	15,862	206	77	24	A	N0IBT	4,180	110	38	11	A	
Philippines	DU1SAN/MM	672	32	21	24	B	W2KWB	2,952	72	41	6	B	N7IZM (+N7WPZ, KB7YEB, W7EFQ)	24,600	328	75	24	A	Alaska	2,178	68	33	24	A	
New Caledonia	FK8VHN	34,596	372	93	13	A	K2WB	2,952	72	41	6	B	N7IZM (+N7WPZ, KB7YEB, W7EFQ)	24,600	328	75	24	A	KING	1,344	64	21	24	A	
Guam	AH8LG	12,740	182	70	24	A	K2WB	2,952	72	41	6	B	N7IZM (+N7WPZ, KB7YEB, W7EFQ)	24,600	328	75	24	A	N0MM	4,284	102	42	8	B	
Australia	VK4UC	41,516	428	97	24	A	NY3C	11,799	171	69	24	A	K2WB	2,952	72	41	6	B	Colorado						
VK6GOM	11,229	197	57	24	B	K3EZR (+KE3ZZ, W3PP, NX3A)	151,496	1306	116	24	B	K2WB	2,952	72	41	6	B	N0RRA	8,160	204	40	24	A		
New Zealand	ZL2AMI	37,800	378	100	7	B	K3EZR (+KE3ZZ, W3PP, NX3A)	151,496	1306	116	24	B	K2WB	2,952	72	41	6	B	N0RRA	8,160	204	40	24	A	
South America							K3WNI	28,449	327	87	24	A	K3P3P	19,812	254	78	24	A	Idaho	51,585	543	95	18	A	
Chile	CEBSFG	66,963	663	101	24	B	N3RM	12,348	196	63	24	A	K3WNI	28,449	327	87	24	A	N0AC	28,875	385	75	13	A	
Argentina	LU6V	72,930	715	102	24	A	N3RN	7,526	142	53	15	A	K3WNI	28,449	327	87	24	A	WY0V	18,176	256	71	24	A	
LU3FZW	71,831	659	109	24	A	W3ZF	7,124	137	52	24	A	K3WNI	28,449	327	87	24	A	K0SRL	3,159	81	39	5	A		
Aruba	P40X	57,246	609	94	24	A	K2X3	3,397	79	43	10	A	K3WNI	28,449	327	87	24	A	K0FG	64,881	729	89	16	B	
P43T	78,800	788	100	24	B	KT3A	3,321	81	41	11	A	K3WNI	28,449	327	87	24	A	W5DG	38,192	46	77	24	B		
Brazil	ZX2A (PT2BW, op)	55,328	532	104	24	A	N3E3H	93,704	901	104	24	B	K3WNI	28,449	327	87	24	A	Kansas						
Falkland Islands	VP8TTY (+K4OD, VP8BFH, ops)	30,932	407	76	19	A	N3WMF	92,230	802	115	24	B	K3WNI	28,449	327	87	24	A	K0GIX	17,802	207	86	24	A	
							N3WQX	24,601	337	73	14	B	K3WNI	28,449	327	87	24	A	K0GJX	14,175	225	63	6	A	
1 Connecticut	K3WNI	28,449	327	87	24	A	W3WKR	(+Ops)						K3WNI	28,449	327	87	24	A	K0GKJ	39,738	537	74	12	A
Connecticut	K3WNI	28,449	327	87	24	A	W3WKR	(+Ops)						K3WNI	28,449	327	87	24	A	WD9BNC	34,030	415	82	24	B
Maryland-DC	W2GG	24,390	271	90	24	A	W3WKR	(+Ops)						Kansas						Minnesota					
ZX2A (PT2BW, op)	55,328	532	104	24	A	W6H2W/3	19,481	253	77	24	A	W3WKR	(+Ops)						K0GJX	52,466	709	74	24	A	
						N3X3	7,370	134	55	12	A	W3WKR	(+Ops)						K0GJX	52,466	709	74	24	A	
Falkland Islands	VP8TTY (+K4OD, VP8BFH, ops)	30,932	407	76	19	A	W3FOE	1,972	68	29	24	A	W3WKR	(+Ops)						K0GJX	52,466	709	74	24	A
						K3MM	152,558	1282	119	24	B	W3WKR	(+Ops)						K0GJX	52,466	709	74	24	A	
1 Connecticut	K3WNI	28,449	327	87	24	A	AF3D	29,600	370	80	24	B	W3WKR	(+Ops)						Missouri					
Connecticut	K3WNI	28,449	327	87	24	A	N3HUV	1,595	55	29	7	B	W3WKR	(+Ops)						K0GJX	52,466	709	74	24	A
Eastern Massachusetts	WA6LTL	71,508	708	101	23	A	W3WKR	(+Ops)						South Carolina						Missouri					
WA1DEA	43,710	470	93	21	A	W4OUN	8,062	139	58	14	A	W3WKR	(+Ops)						K0GJX	52,466	709	74	24	A	
W1WAT	32,618	347	94	17	A	K4EA	115,995	1045	111	24	A	W3WKR	(+Ops)						K0GJX	52,466	709	74	24	A	
W2Z1Q	11,284	182	62	24	A	K4EAD	4,848	101	48	24	A	W3WKR	(+Ops)						K0GJX	52,466	709	74	24	A	
AB9G	2,160	60	36	5	A	K4EAD	4,848	101	48	24	A	W3WKR	(+Ops)						K0GJX	52,466	709	74	24	A	
N1MGO	2,117	73	29	24	A	K4EAD	4,848	101	48	24	A	W3WKR	(+Ops)						K0GJX	52,466	709	74	24	A	
N1HFB	8,005	781	105	24	B	K4EAD	4,848	101	48	24	A	W3WKR	(+Ops)						K0GJX	52,466	709	74	24	A	
WU7F	18,025	212	85	24	B	K4EAD	4,848	101	48	24	A	W3WKR	(+Ops)						K0GJX	52,466	709	74	24	A	
A1E1M	0,854	201	54	24	B	K4EAD	4,848	101	48	24	A	W3WKR	(+Ops)						K0GJX	52,466	709	74	24	A	
W1SBD	(+PacketCluster)	11,403	181	63	24	A	K4EAD	4,848	101	48	24	A	W3WKR	(+Ops)						K0GJX	52,466	709	74	24	A
W1RH	(+N1UVA)	28,700	350	82	24	B	K4EAD	4,848	101	48	24	A	W3WKR	(+Ops)						K0GJX	52,466	709	74	24	A
Maine	N1RCT	140,220	1230	114	24	A	W4AYD	1,824	57	32	24	B	K4EAD	4,848	101	48	24	A	Ohio						
N1ZPC	18,900	252	75	24	A	W4AYD	1,824	57	32	24	B	K4EAD	4,848	101	48	24	A	K0TMR	117,705	1121	105	22	A		
N1S1Z	12,090	186	65	24	A	W4AYD	1,824	57	32	24	B	K4EAD	4,848	101	48	24	A	W8BYJF	77,652	719	108	24	A		
W1ZW	7,535	137	55	16	A	W4AYD	1,824	57	32	24	B	K4EAD	4,848	101	48	24	A	K3CP	37,400	440	85	24	A		
K1DRV	1,696	53	32	7	A	W4AYD	1,824	57	32	24	B	K4EAD	4,848	101	48	24	A	N8ME	20,952	291	72	24	A		
WN1OTV	1,474	67	22	13	A	W4AYD	1,824	57	32	24	B	K4EAD	4,848	101	48	24	A	K8DN	15,988	258	62	24	A		
KA1RFD	520	26	20	3	A	W4AYD	1,824	57	32	24	B	K4EAD	4,848	101	48	24	A	K8DN	15,988	258	62	24	A		
N1AFC	340	20	17	24	A	W4AYD	1,824	57	32	24	B	K4EAD	4,848	101	48	24	A	K8DN	15,988	258	62	24	A		
New Hampshire	AA1KL	49,728	518	96	22	A	W4AYD	1,824	57	32	24	B	K4EAD	4,848	101	48	24	A	Ohio						
N1NYT	20,294	278	73	24	A	W4AYD	1,824	57	32	24	B	K4EAD	4,848	101	48	24	A	K0TMR	117,705	1121	105	22	A		
WB1GEX	3,403	83	41	3	A	W4AYD	1,824	57	32	24	B	K4EAD	4,848	101	48	24	A	W8BYJF	77,652	719	108	24	A		
AA1LN	63,112	686	92	19	B	W4AYD	1,824	57	32	24	B	K4EAD	4,848	101	48	24	A	K3CP	37,400	440	85	24	A		
W1FN	(+KA1CRP)	33,670	455	74	24	A	W4AYD	1,824	57	32	24	B	K4EAD	4,848	101	48	24	A	N8ME	20,952	291	72	24	A	
						W4AYD	1,824	57	32	24	B	K4EAD	4,848	101	48	24	A	K8DN	15,988	258	62	24	A		
Rhode Island	WF1B	130,152	1122	116	7	B	W4AYD	1,824	57	32	24	B	K4EAD	4,848	101	48	24	A	South Dakota						
Vermont	AA1SU	15,540	259	60	22	A	W4AYD	1,824	57	32	24	B	K4EAD	4,848	101	48	24	A	K0TMR	10,200	204	50	9	A	
W1RNA	15,232	238	64	19	A	W4AYD	1,824	57	32	24	B	K4EAD	4,848	101	48	24	A	W8BYJF	45	9	5	1	B		
Western Massachusetts	KT1M	68,448	713	96	24	A	W4AYD	1,824	57	32	24	B	K4EAD	4,848	101	48	24	A	W8BYJF	45					