

1999 ARRL 10-Meter Contest Results

Don't ever let anyone tell you that the height of the sunspot cycle doesn't interest even the casual operator. At least, that is one of the conclusions that can be drawn from the results of the 1999 ARRL 10-Meter Contest.

For the second year in a row, a record number of entries were received. The 2791 entries and checklogs represent three times as many entries as received for the 1995 contest, near the bottom of the cycle (910 entries received). Approximately 63% of the logs were submitted in electronic format, and using those as a point of reference, over 1.27 million QSOs were completed during the contest. These numbers made the 1999 ARRL 10-Meter Contest the single most participated in contest ever, with 3307 participants, including those listed as ops at the various multiplier operator efforts.

Even with the increase in electronic submissions, over 1000 paper logs were still received at Headquarters. While electronic logs make the result reporting process more accurate (and are a bit less time consuming),

remember that handwritten paper entries are still acceptable as entries for all ARRL contests. But whether you submit electronic files or paper logs, please make certain that your entry meets the rules for submission. Submitting logs or summary sheets that are incomplete, or that contain extraneous information, makes it more difficult to accurately report the contest scores.

With great conditions you expect scoring records to fall. This contest was no exception as five overall scoring records were set. Doug, KR2Q, set a new Single Op CW Only QRP record with 401,236 points. Alejandro, LU5WW, set a new Single Op Mixed Mode Low Power record with his 1,663,700 points. Congratulations to CE5/SM3SGP, VK4EMM,

C6A/K2PS, K1RO, KG9X, and N800 who also broke the old mark for the category.

A new record for the Single Op CW Only Low Power category was set by Dave, AG8L, operating at WP2Z. Dave becomes the first person to break the one million point mark in the category with his score of 1,202,852. Also breaking the old point record for the category were W5AO, operating from NA5B, and 8P9JO.

Olli, OH0XX operating from PZ5JR had perhaps the best effort of the contest in the

Affiliated Club Competition

Unlimited Category	Score	Entries
Potomac Valley Radio Club	31,844,222	71
Yankee Clipper Contest Club	22,153,688	55

Medium Category	Score	Entries
Frankford Radio Club	18,385,056	32
Society of Midwest Contesters	15,349,648	30
Florida Contesters	12,978,924	22
Southern California Contest Club	10,193,152	18
Minnesota Wireless Assn	9,803,590	27
Tennessee Contest Group	8,252,292	25
Northern California Contest Club	6,753,984	18
South East Contest Club	6,272,082	7
Texas DX Society	5,417,264	11
North Texas Contest Club	4,877,278	9
Carolina DX Assn	4,438,444	6
Order of Boiled Owls of New	3,749,156	9
Mad River Radio Club	3,741,056	14
Western Washington DX Club	3,654,160	7
Willamette Valley DX Club	3,428,964	5
North Coast Contesters	3,316,938	7
Kansas City DX Club	3,146,828	8
Trophy Contest Group	3,140,280	4
ARA of Southwest Florida	2,837,052	12
Grand Mesa Contesters	2,769,152	6
Central Arizona DX Assn	1,896,688	6
Radio Amateurs of Northern	1,567,180	3
South Jersey Radio Assn	1,342,272	6
Rochester (NY) DX Assn	1,140,648	4
Southeastern DX Club	1,069,028	4
Western New York DX Assn	968,560	3
Southwest Ohio DX Assn	883,138	3
Northern Arizona DX Assn	535,580	4
Franklin County ARC	475,090	3
Mother Lode DX/Contest Club	471,368	3
Holiday City ARC	380,102	5
Six Meter Club of Chicago	342,276	6
Northrop Grumman Radio Club	304,538	3
Salt City DX Assn	287,522	4
West Allis RAC	242,842	3
AK-SAR-BEN	219,688	6

Local Category	Score	Entries
Hudson Valley Contest & DXers	4,769,186	6
River City Contesters	3,399,526	6
Central Texas DX and Contest	2,522,270	5
Ozark Contest Club	1,368,568	5
Green River Valley ARS	1,299,924	4
Utah Contest Club	1,223,366	4
Great Falls Area ARC	1,208,372	4
Loudoun ARG	1,150,526	4
West Valley ARA	782,206	5
Worldradio Staff ARC	412,894	4
West Park Radiops	276,124	6
Northern New York Contest Club	160,810	3
Williamsburg Area ARC	158,282	3
Metro DX Club	156,240	3
Sussex County ARC	115,200	3

Top Ten, W/VE

Mixed Mode, QRP	Score	Phone Only, High Power	Score
N7VY	471,618	KZ5MM	1,139,044
K0RI	413,700	K5TR	1,111,500
W4DEC	365,904	(at W5KFT)	
WA6FGV	326,928	W4ZV	1,090,726
K0OU	323,950	K6LL	1,036,766
NX7K	295,274	WB9Z	875,758
WA7LNV	198,144	K7RI	868,140
W5TD	154,380	W0SD	854,772
WA8ZBT	142,140	K5AM	823,884
N2NH	111,492	K9HMB	744,106
		K4JNY	723,384

Mixed Mode, Low Power

K1RO	1,361,532
KG9X	1,309,528
N800	1,280,052
N4ZI	1,178,332
K4MA	1,150,264
WD5K	1,141,920
KZ1M	1,095,718
W3EP	1,033,654
K6RO	1,015,854
W6UT	989,380

Mixed Mode, High Power

KQ2M	2,717,366
WC4E	2,574,438
W9RE	2,367,360
W5WU	2,334,002
(KZ5D, op)	
VE6JY	2,132,820
(VE6WQ, op)	
W4MYA	1,906,524
N4ZC	1,842,650
(K4ZA, op)	
W7GG	1,716,084
K3ZO	1,711,200
N5LZ	1,700,460

Phone Only, QRP

WA0JYC	101,404
W3ATV	97,020
(at N3INW)	
N8MWW	75,030
W8QZA/6	70,688
W6CN	69,552
KA1PRD	65,856
WB0IWG/T	51,004
KI0II	47,652
KS4GW	42,480
N5FPW/T	41,334

Phone Only, Low Power

K4XS	815,300
N2NB	687,960
K6KAY	561,660
WA7EQW	484,120
WJ7S	406,742
VE3XN	376,320
AA5FJ	347,328
AC0W	346,632
KT0DX	341,202
Northern New York Contest Club	160,810
Williamsburg Area ARC	158,282
Metro DX Club	156,240
Sussex County ARC	115,200

Phone Only, High Power

KZ5MM	1,139,044
K5TR	1,111,500
(at W5KFT)	
W4ZV	1,090,726
K6LL	1,036,766
WB9Z	875,758
K7RI	868,140
W0SD	854,772
K5AM	823,884
K9HMB	744,106
K4JNY	723,384

CW Only, QRP

KR2Q	401,236
K5WO	306,448
N9NE	290,160
N0UR	276,424
K0PC	228,228
KU7Y	222,604
K3SV	214,704
AA1CA	214,200
N8AP	195,168
W9OP	189,952

CW Only, Low Power

NA5B	803,400
(W5AO, op)	
K0SR	801,724
KB1EAX	737,060
WD4AHZ	732,536
VO1MP	688,012
K1VUT	666,528
K5WA	632,968
K7UAZ	631,652
(N4OGW, op)	
N8II	622,512
K9QVB	614,040

CW Only, High Power

W4AN	1,400,168
(W4PA, op)	
K1TO	1,360,100
N5RZ	1,349,152
K4OJ	1,345,140
K8AZ	1,311,200
(K8NZ, op)	
NS0Z	1,284,916
(AG9A, op)	
N4BP	1,254,960
N8RR	1,116,192
W6EEN	1,100,400
(N6RT, op)	
KB9S	1,012,944

Multioperator

K3MM	3,225,792
(at W3LPL)	
N4UK	2,765,094
N2NT	2,625,392
W3PP	2,619,264
NX5M	2,580,960
AA8U	2,500,238
K0RF	2,323,620
K1TTT	2,240,322
K5MDX	2,195,560
W4MR	2,089,090
(at AA4NC)	

Top Ten, DX

Mixed Mode, QRP

HA5BSW	492,570
HA2A	485,974
DL6RDR	347,060
LY2FE	276,276
RW9TA	177,944
DL8TWA	131,614
(K3TW, op)	
9A2EY	93,656
Z32AF	61,932
UA0KBG	51,632
G3FNM	22,712

Mixed Mode, Low Power

LU5WW	1,663,700
CE5/SM3SGP	1,523,632
VK4EMM	1,400,400
C6A/K2PS	1,352,036
LU3HIP	967,754
ZF2RT	949,524
(W0GJ, op)	
V73CW	881,620
ZV8O	845,130
(PV8DX, op)	
LU5FF	822,780
JM6CIP	748,416

Mixed Mode, High Power

P40V	2,950,432
V26X	2,497,278
(K8CX, op)	
KH6TO	1,750,128
(at NH7A)	
T99W	1,428,480
OL5Y	1,332,120
(OK1FUA, op)	
S50K	1,317,244
KL7RA	1,309,230
RW2F	1,195,262
(UA2FB, op)	
VK4UC	1,096,714
ER0N	903,336
(UT7ND, op)	

Phone Only, QRP

NP2Q	127,036
LU1VK	121,158
YU1KN	91,052
LU3DX	68,250
OK1GW	40,160
JA3LFK	37,888
LU1HN	20,020
RA0CCV/3	18,330
RA3DGH	14,726
OH5NHI	14,310

Phone Only, Low Power

VP2VF	578,100
OT4AYM	508,128
OT4MA	469,404
(ON4MA, op)	
YU1AAX	409,248
(YU1JW, op)	
T11Z	348,100
(T14ZM, op)	
G0AEV	329,588
KP2BH	328,548
YT7A	325,748
ON5LL	294,276
(ON6ZX, op)	
AY0N	288,708
(LU2NI, op)	

Phone Only, High Power

FK8GM	1,092,000
CT3BX	1,075,806
ZW5B	1,073,200
(PY5EG, op)	
TM1C	860,880
(F6CTT, op)	
PJ2I	804,004
(ON4CFD, op)	
FM5FJ	802,464
TM2V	711,620
(F6GLH, op)	
PW2C	687,792
(PY2KC, op)	
3E1DX	673,104
(HP1XVH, op)	
DF9ZP	648,174

CW Only, QRP

BV3FG	235,316
JA1YNE	191,992
(JP1OGL, op)	
YT7TY	121,824
(YZ7DM, op)	
SP5DDJ	95,976
EA7AAW	94,484
F6OIE	82,800
GM4HQF	82,360
JA6UBK	81,260
9A7P	80,640
(9A6NHH, op)	
LZ2RS	73,840

CW Only, Low Power

WP2Z	1,202,852
(AG8L, op)	
8P9JO	950,684
LY2TA	632,060
JF1SQC	615,984
SU9ZZ	611,832
WP3C	563,500
UA0JB	543,000
NH2DX	511,700
(KH2D, op)	
9A3VM	464,724
EA5FID	447,216

CW Only, High Power

PZ5JR	2,100,744
(OH0XX, op)	
VR2BG	872,460
NP3G	866,804
S58A	862,800
PP5BRV	819,808
TZ6DX	812,952
S50R	771,456
SP2FAX	763,960
EA1DAV	763,776
G3ZEM	746,760

Multioperator

VP5B	3,673,930
CT8W	2,834,352
KH7R	2,730,060
LU4FM	2,597,630
CX5BW	2,265,200
FM5DN	2,228,928
OT9T	2,073,660
(at ON4UN)	

F61IE	209,280	543	96	C B	IZZAVK	208,236	469	111	C B	OK2AJ	10,440	87	30	C B	Poland					UT4EO	22,440	153	55	A B
F8AKC	201,744	462	108	C B	IK7JWY	156,672	384	102	C B	OK2BHE	9,600	240	40	C B	SQ9HY	174,812	437	137	A B	UT21Y	857,784	1329	206	A C
F6GKU	181,692	440	103	C B	IZ2AEV	108,996	291	93	C B	OK1MD	635,960	1222	130	C C	SP5BB	11,628	97	51	A B	UT2GT	478,820	887	178	A C
F8PDR	183,420	404	101	C B	IKZ2WU	86,688	299	72	C B	OKPDT	372,624	753	123	C C	SP6JKU	7,140	140	77	A B	USWIF	471,988	718	187	A C
F5CIC	116,056	324	89	C B	IT9NVA	57,720	222	65	C B	OK2SJ	123,704	329	94	C C	SP9PT	89,400	226	130	C B	EM8I (UT8IM, op)	344,692	855	137	A C
F5AMQ	114,480	317	90	C B	IK2WXX	42,640	164	65	C B	OK1GS	115,104	327	88	C C	SP9LAS	40,130	10	10	A C	EM4E (UR5ECW, op)	295,438	776	143	A C
F5YJ	79,316	251	79	C B	IK2AIT	16,640	104	40	C B	OK1FTW	2,992	136	22	C C	SP7MTF	84,800	400	106	B B	UX2MM	213,240	454	128	A C
F5JJD	71,928	242	74	C B	IK3UVK	3,360	40	21	C B	OL5Q (OK1HRA, OK1FFU, ops)	117,168	267	83	C C	SP9ODY	82,468	369	106	B B	UR3QCW	15,708	119	42	A C
F2FX	15,664	89	44	C B	IZ2AQ	12,560	23	11	C B	OK2KRT (OK2BJS, OK2DWM, OK2KA, ops)	51,300	285	90	B B	SP7SFE	51,300	285	90	B B	UR5XAW	9,064	103	44	A B
F5NQL	11,400	75	38	C B	IK95BN	440,880	834	132	C C	OK1BSP	48,260	254	95	B B	SP5CC	30,184	69	37	A B	US5VDL	8,424	108	39	A B
F2DE	7,696	52	37	C B	IZ2IYI	436,362	974	112	C C	IK2IYI	30,184	69	37	A B	SP8LKB	23,184	168	69	B B	UR5XAW	9,064	103	44	A B
F81PH	605,184	1174	128	C C	IK3QAR	357,500	709	125	C C	IK2AHB	321,216	717	112	C C	SP7OON	11,440	104	55	B B	UR5XAW	9,064	103	44	A B
F6CXJ	152,760	400	95	C C	IK2AHC	321,216	717	112	C C	IZ2ALF	266,304	580	114	C C	SP6XWV	9,024	96	47	B B	UR5XOB	85,932	462	93	B B
F5JBR	105,792	303	87	C C	IZ2ALF	266,304	580	114	C C	IZ2ALF	266,304	580	114	C C	SP9CP	2,600	50	26	B B	UR7QL	70,380	174	45	C C
F5AB1	40,720	119	44	C B	IZ2ALF	266,304	580	114	C C	IK4UPB (+HK4UPB, IK4MRH, IK4UFH, ops)	1,559,214	1913	309	D	SP9LH	6,390	15	13	B B	UR7TZ	57,224	311	92	B B
F8CNR	29,480	134	55	C C	IK4UPB (+HK4UPB, IK4MRH, IK4UFH, ops)	1,559,214	1913	309	D	IK4JMY, IK4YSS, IK4IEE, IK2QEI, IZ2AAJ, ops)	1,559,214	1913	309	D	SP9LID	276,024	1113	214	C B	UR5WIF	26,964	214	63	B B
TM1T (F8BPN, F5N8B, F6CQU, F6PSA, F6HKA, ops)	1,678,512	2118	264	D	IT9SCHU (+IT9GSF, IT9BLB, IT9VDQ, IT9EQO, IT9CJZ)	1,142,622	1645	257	D	OM8CA	8,190	147	35	B B	SP6IXF	238,374	929	123	C B	UT5EUV	11,232	144	39	B B
TM5Z (F5LEN, F5RMY, F5PTM, F8AOK, ops)	1,129,120	1562	255	D	IZ2AHF	521,532	1084	198	D	OM3EA	76,074	409	93	C B	SP9QMP	58,880	320	92	C B	UR5ZEX	4,704	98	24	B B
F6KPK (F5PHW, F6DZD, F6E11, ops)	995,026	1464	223	D	IK2ZVVU (IZ2OKW, IZ2BJS, IK2PIG, IZ2ACZ, ops)	478,740	849	202	D	OM3PA	64,408	194	83	C B	SP6JGW	51,000	250	102	C B	UT0D (UT7DX, op)	1,026	27	19	B B
F51QA (+F61OC, F61RF, F6H9Y, ops)	961,422	1436	231	D	IK8TLL (+IK8TEO)	430,404	732	186	D	OM3PC	692,076	1177	147	C B	SP9MQH	60	6	5	C B	UX1HW	6,572	106	31	C B
F6KDF (F5NOD, F6PXT, F61JK, F5SHI, ops)	789,400	128	44	C B	IQ7R (IZ2ATH, IK7XNF, IK7TYT, IK7LYL, ops)	236,318	564	173	D	OM3PCZ (OM3PTPN, OM2ZZ, OM3CHY, OM3YDX, OM3CUG, ops)	70,304	230	104	D	SP5DWQ	56,832	222	64	C A	UX5QWV	12,320	77	40	A C
F3KT (+F6GIN, F5M2T, F5ORE, F5LJM, ops)	777,480	1230	190	D	IT1WXY	208,816	842	124	D	OT4YAY	508,128	1608	158	B B	SP4GFG	16,660	85	49	C A	UT3CT	164,000	360	100	C B
TM1V (F81BON, F5TRO, F8B1G, F4BZH, ops)	680,212	1335	206	D	IT1DF (+H1PIN, I1ABT, IK1JLJ, IK1AQM, IK1BGJ, I1DEP, IZ1AEL, IK1ZFO, ops)	103,712	464	112	D	OT4MA (ON4MA, ops)	468,404	1326	177	B B	SP9NIN	90,288	342	66	C B	UR6TA	97,280	320	76	C B
F6KJX (F5FML, F5ROX, F5MLJ, F5AEB, F6CXB, F5SOH, F8CDD, ops)	211,636	453	157	B B	I3MDU	3,456	54	32	C B	ON5LL (ON6ZX, op)	294,276	1072	137	B B	SP8BFF	47,104	184	64	C B	UR4QOQ	81,760	280	73	C B
F6KTL (F5MAX, F5LGG, F6CKX, F5OQL, ops)	168,504	708	119	D	Sardinia					ON4TO	146,060	545	134	B B	SP5CGN	23,852	90	67	C B	UR6SQS	15,000	75	41	C B
England					IS9IGV	135	34	127	A B	ON4CJN	19,200	160	60	B B	SP5BND	23,852	90	67	C B	EO11 (UT11A, op)	1,872	26	18	C B
G3FNM	22,712	163	68	A A	IS9SLR	17,898	157	57	B B	OT9A (ON4ASB, op)	574,668	1878	153	C B	SP2FAX	763,960	1345	142	C C	UT5UQG	960	16	15	C B
G0WMW	251,316	446	179	A B	IS9SBR	54,684	341	41	C C	OT4ATW	365,328	774	118	C B	SP3FAR	22,464	143	39	C C	UT1OW	351,936	846	104	C C
G6QQ	147,250	348	125	A B	IS9HQJ	158,080	415	95	C C	ON4XG	170,952	419	102	C B	SP9KRT (SP9ADU, SP9EMJ, ops)	29,000	145	50	D	UT5LW	247,192	583	106	C C
G8D (G3SJJ, op)	601,794	998	201	A C	Norway					ON6TJ	72,036	261	69	B B	SV1DANW	44,400	296	75	B B	UT4UO	194,400	450	90	C B
G3TMA	431,298	669	189	A C	LA5JX	28,420	203	70	B B	ON6TJ	72,036	261	69	B B	SV1DZB	45,600	300	76	B B	UU5J (UU1JA, UU2JQ, UU3ZJ, UU4JD, UU5XJ, ops)	1,019,520	1470	236	D
G3WGN	323,990	589	179	A C	LA7TN	5,394	93	29	B B	OT9T (at ON4UN) (DL2CC, ON4UN, ops)	2,073,000	211	33	D	SV1DKL	152,192	463	82	C B	UU7J (UU4JM, UU4JM, UU5J, ops)	100,000	1060	180	C B
G0AEV	329,588	1149	149	B B	LA2FA	19,200	119	40	C B	OT4AW	1,343,502	1449	303	D	SV1DQR (+SV/OK1YM, ops)	860,574	1331	221	D	UX81XX (+US81ES, US81LZ, US81CA, ops)	249,924	716	118	D
G0NWW	30,384	211	72	B B	LA5FH	22,140	123	45	C B	OT7SA (ON4AAM, ON6OX, ON7GR, ON4ACT, ops)	302,680	522	161	D	San Marino					YV12AC	19,200	137	40	A A
G4NXG	16,206	111	73	B B	LA6YEA	657,216	1141	144	C C	OT9B (ON4CBA, ON4DQW, ON4CEK, ON4AME, ON5LV, ops)	174,838	817	107	D	T77W1	26,908	217	62	B B	Y08BHN	275,184	523	168	A B
M0/KC5ICY	3,364	58	29	B B	Luxembourg					OT7RT (ON1W, ON2BAK, ON4CEQ, ON4NM, ON5JM, ON5OH, ON6NV, ON7SS, ON8SQ, ops)	64,962	227	81	D	Bosnia-Herzegovina					Y03APJ	223,600	431	160	A B
MUC9 (G0FOE, op)	482,516	1702	142	C B	LY30E	551,908	1714	161	C B	Faroe Islands					Iceland					Y03CTK	46,096	188	67	A B
G40JH	363,780	1290	141	C A	LY1KC	352,924	1234	143	C B	OY4M	40	3	2	A C	TF3AO	10,176	159	32	C B	Y08MI	26,602	173	47	A B
G4FDC	54,812	193	71	C A	LY2AJ	38,628	222	87	C B	Denmark					TF3JRA (TF3AO, TF3AO, ops)	45,954	333	69	D	Y04NF	713,754	1327	171	A C
G35XW	289,500	577	125	C B	Lithuania					OZ6PI	7,896	89	42	A B	European Russia					Y05III	1,044	29	18	A B
G3LHJ	110,208	337	82	C B	LY2FE	276,276	530	161	A A	OZ1KRF	121,770	615	99	B B	UA1AU	552,512	1032	178	A B	Y06BZL	48,720	280	87	B B
G3RSD	34,824	182	48	C B	LY3BA	386,482	679	173	A B	OZ5EV	120,064	469	128	C B	UA1AE	185,806	51	133	B B	Y06AJU	9,960	109	44	B B
G4ZME	15,996	92	43	C B	LY1DS	33,920	149	80	A B	OZ8AE	175,980	417	105	C B	UA1AK	111,128	372	116	A B	Y07AF	6,392	37	40	B B
G3ZTE	746,760	1268	147	C C	LY3CI	364,266	605	177	A C	OZ1BMA	65,952	229	72	C B	RA3AF	66,144	247	78	A B	Y09FR	101,720	395	80	B B
G5C (G0LII, op)	661,360	1181	140	C C	LY2JU	281,096	537	164	A C	OZ2BWS	52,480	205	64	C B	RA3WR	60,816	273	84	A B	Y09JFV	66,820	257	65	C B
G2GT	269,212	630	107	C C	LY3YJ	10,692	129	39	B B	OZ5MJ	78,008	241	81	C C	UA6LP	7,990	78	47	A B	Y02ARV	40,296	146	69	C B
G3UJY	73,200	244	75	C C	LY3BH	183,840	779	118	C B	Netherlands					RM4W (RW4WR, op)	1,195,262	1573	251	A C	Y08DHD	25,004	134	47	C B
MSX (G0IVZ, G4TSH, ops)	1,841,456	2050	284	D	LY1DT	55,200	209	69	A C	PA0RB0	2,952	54	31	A A	RV1CC	1,194,376	468	108	A C	Y04ABH	9,800	200	50	C B
M5W (G0MTN, M0COK, M0COP, G0EYO, ops)	130,560	431	128	D	LY2TA	632,060	1102	143	C B	PA3EMN	112,716	326	101	A B	RA2FBC	368,032	741	124	C C	Y08AXP	293,408	691	106	C C
Northern Ireland					LY2AT	76,140	235	81	C B	PA3HJ	23,400	105	48	B B	RA2FA	71,540	245	73	C C	Y08BZL	55,874	307	91	B B
G1OUM	9,400	94	50	B B	LY2EC	40,468	151	67	C B	PA3JNH	14,520	132	55	B B	European Russia					Y06BZL	48,720	280	87	B B
G10SRM (+G10SF, ops)	251,472	1105	111	D	LY2FE	92	32	32	C B	PA3KDM	8,034	103	39	B B	UA1AU	552,512	1032	178	A B	Y06AJU	9,960	109	44	B B
Scotland					LY2FE	92	32	32	C B	PA3QF	2,464	22	22	B B	UA1AE	185,806	51	133	B B	Y07AF	6,392	37	40	B B
MM0BQI	29,400	176	75	A B	LY1CX	218,000	498	107	C C	PA3DVV	1,056	24	22	B B	RA1ABU	15,120	103	45	A B	Y09FR	101,720	395	80	B B
MM0BYC	57,316	322	89	B B	LY2OX	174,400	436	100	C C	PA0IUM	138,376	706	98	C B	UA6LP	7,990	78	47	A B	Y02ARV	40,296	146	69	C B
MM0JKF	37,800	252	75	B B	LY2KM	106,400	280	95	C C	PA0ADP	8,200	82	50	C B	RM4W (RW4WR, op)	1,195,262	1573	251	A C	Y08DHD	25,004	134	47	C B
GM																								

Georgia				WD4AHZ	732,536	1433	127	C B	NSPA	18,522	147	63	B B	N5BF	1,634	28	19	A B	K6SG	250,648	641	97	C B	
K4YJ	71,286	203	109	A B	W4SO	464,256	993	117	C B	W5EHM	138,006	561	123	B C	K6LA	1,505,180	2235	233	A C	K6RF	89,628	291	77	C B
KD4FTY/T	49,698	251	99	B B	N4GM	262,944	493	132	C B	W5OXA	114,939	569	101	B C	K6SE	180,608	41	136	A C	K6RQ	59,640	210	77	C B
W4BQQ	48,600	269	90	B B	AD4Z	264,947	512	126	C B	K6DX (W5UE, WQSL, N5FG, N5XK, KD5CQT, ops)	2,195,560	2996	262	D	W7FR	17,640	100	45	A B	K6KM (K6AW, op)	992,520	1839	135	C C
KB4BB	11,000	60	20	B B	W4ZKE	64,800	162	100	C B	W4BOSN	31,232	121	64	C B	K6QW	102,626	529	97	B B	N6ZS (+packet)	1,494,108	2174	231	D
N40LN	8,272	94	44	B A	N4RP	6,392	47	34	C B	K1TO	1,360,100	2344	145	C C	K6BWT	88,320	480	92	B B					
N4ZRA	2,968	53	28	B B	K4J0	1,345,140	2386	141	C C	N4SS	180,090	396	145	A B	K6KJH	77,700	518	75	B B					
KJ4OH	32,264	218	74	B C	N4BP	264,940	2240	140	C C	W5GZ	15,732	138	57	B B	K6DKH	40,216	334	65	B B					
W4KYW	21,624	102	53	C A	N4BT (+G4BUE)	325,720	654	170	D	W5BOA	10,032	114	44	B B	W6HFX	44,506	289	77	B B					
K4GSX	20,064	112	44	C A	W4BPH (N3PR, KU4BT, KF4LKV, ops)	23,482	141	59	D	K5AM	823,884	2903	142	C B	K6GG	15,510	141	55	B B					
N4KFA	350,260	775	115	C B	Tennessee					K5OI	29,520	164	45	C A	AD6AF	384	16	12	B B					
N4NX	300,832	552	136	C B	N4ZI	1,178,332	1663	223	A B	K7IA	19,188	117	41	C A	N6TCZ	30	5							
N4NS	234,468	500	117	C B	W04O	983,520	1282	240	A B	N6SO	349,856	828	104	C B	K6GAT	350,334	1438	122	A B					
K6HJZ	189,952	447	106	C B	N2BR	28,242	166	76	A B	W5YJ	320,912	646	124	C B	W6B7N	208,656	611	84	C B					
K4FJ	174,468	468	93	C B	KE4YBS	26,268	119	66	A B	W5JRP	60,568	226	67	C B	W6AB	161,680	485	86	C B					
K2JUT	187,228	459	120	C A	N4JSG	16,956	106	54	A B	N6ZZ	823,072	1512	136	C C	K6GT	89,280	309	72	C B					
N4DU	56,064	219	64	C B	K4RO	1,421,696	1964	232	A C	N7DF	539,968	1140	118	C C	W6BOB	41,968	171	61	C B					
W4AN (W4PA, op)	1,400,168	2272	154	C C	W4DAN	203,056	437	148	A C	North Texas					K6LKI (K6LUE, K6EPI, N6ED, K54IS, KDGL, K7UO, ops)	355,446	813	147	A B					
K4BAI	658,260	1217	135	C C	W4CAT (K1KY, op)	79,032	248	89	A C	W8ZBT	142,140	450	103	A A	W6SD (K6DKQ, K6DPL, K6TBA, K6QWH, K6EGB, K6C7, W6BNO, ops)	27,600	213	60	D					
NE4S	512,400	1050	122	C C	W4OQG	6,308	64	38	A C	W5KQ	1,141,920	1590	240	A B										
NQ4I	1,864,584	2397	282	D	NY4T	197,316	783	126	B B	W5KVS/T	281,076	564	177	A B										
K4PTT (+W4RLW)	12,720	104	53	D	W4TDD	124,300	550	113	B B	K5D5FUM/T	2,300	40	23	A B										
Kentucky					K4OOO	93,524	454	103	B B	K5ZO	1,544,480	2236	245	A C	Orange									
KD4SI	78,994	296	127	A B	K6SRK	88,776	411	108	B B	K6R9	840,224	1360	217	A B	W7YA	84,870	251	123	A A					
KG4BG	54,108	139	81	A B	NF4ZR	78,584	418	94	B B	K6AZ	711,846	1212	216	C B	K6CF	206,080	510	160	A B					
W4LC	137,456	484	142	B B	AC4LS	75,884	357	106	B B	W6GFF	4,402	50	31	A B	W6GFR	35,424	154	82	A B					
KD4CSW/T	7,878	101	39	B B	AK4ST	40,500	270	75	B B	N6HC	1,020,992	1592	224	A C	W6GFM	202,242	914	111	B C					
K6N4V	4,590	85	27	B B	W4JH	24,864	168	74	B B	W6A6NOL	9,024	96	47	A B	W6GFR	40,242	154	82	A B					
K4HJ	19,468	157	62	B C	KF4ZHD/T	4,544	71	32	B B	K6SAJX/T	21,000	175	60	B B	W6GFT	41,310	243	85	B B					
K4FXN	104,340	470	117	C B	N4JN	3,528	63	28	B B	N5TY	360,460	1346	134	C B	W6GFM	202,242	914	111	B C					
KE4LIA	41,832	166	63	C B	KG44LY	1,092	9			N6ASNT	192,148	794	59	C B	W6GFM	202,242	914	111	B C					
K5TO	800,856	1359	147	C C	K4JNY	723,384	2365	153	C B	K6AZA	10,416	84	107	A C	W6GFM	202,242	914	111	B C					
K4AO	651,700	1224	133	C C	K4DRKJ	32,528	214	76	C B	K5Y5N	562,120	1069	130	B C	W6GFM	202,242	914	111	B C					
N4GN (+K4WW, K9THR, N4OKX)	1,395,968	1657	287	D	KE4OAR	4,092	66	31	C B	K5MU	546,840	1082	126	C B	W6GFM	202,242	914	111	B C					
KT4ZX (+W4BOA, W4JW, W4JG, W4DADJ, ops)	753,536	1357	203	D	N4AK	219,308	503	109	C B	NSAUY	366,912	725	126	C B	W6GFM	202,242	914	111	B C					
North Carolina					W4ATYU	58,240	206	70	C B	W4YOK	93,324	300	77	C B	W6GFM	202,242	914	111	B C					
W2VMX	4,050	42	27	A A	WD4OHD	58,156	214	67	C B	NSYA (+N5UM)	465,976	1044	157	D	W6GFM	202,242	914	111	B C					
K4MA	1,150,210	1573	236	A B	W4YGE	41,300	175	59	C B	K5APQD (+W5GN)	395,200	970	100	D	W6GFM	202,242	914	111	B C					
KF4AO	40,500	160	75	A B	W4AJU	10,336	76	34	C B	Oklahoma					W6GFM	202,242	914	111	B C					
KU4SN	32,700	249	50	A B	W4DPT/JN	7,056	62	28	C B	K0CIE	176,220	439	110	A B	W6GFM	202,242	914	111	B C					
N4TL	2,156	40	22	A B	W4WJ	760,542	1383	137	C C	N5DPT	32,088	188	61	A B	W6GFM	202,242	914	111	B C					
N4ZC (K4ZA, op)	1,842,650	2284	269	A C	KALTA	576,512	1127	128	C C	W5GTY	7,622	69	37	A B	W6GFM	202,242	914	111	B C					
K2AV	202,900	327	141	C B	K4WV	515,460	1065	121	C C	W6GTY	7,622	69	37	A B	W6GFM	202,242	914	111	B C					
N5FPW/T	41,334	139	83	A B	K4M4C	253,524	571	111	C C	W6GTY	7,622	69	37	A B	W6GFM	202,242	914	111	B C					
N4ZAK	10,160	127	40	A B	AC4JJ	6,432	67	24	C C	W6GTY	7,622	69	37	A B	W6GFM	202,242	914	111	B C					
W4IEHL	174,432	697	128	B B	W4BSF (W5EDQ, W4AVM, KE4RRJ, W4NPL, N4XNR, ops)	33,152	448	74	D	W6GTY	7,622	69	37	A B	W6GFM	202,242	914	111	B C					
K4TME	147,868	632	117	B B	KW4JS (+KF4ASU)	27,200	194	68	D	NSA	133,464	401	83	C B	W6GFM	202,242	914	111	B C					
N1GMV	104,340	470	117	C B	Virginia					K5HP	205,600	512	100	C C	W6GFM	202,242	914	111	B C					
NQ4Y	30,246	213	71	B B	K4UK	300,720	535	168	A B	W5BGMK	94,992	192	124	D	W6GFM	202,242	914	111	B C					
NX9T (+K4HA)	30,246	213	71	B B	N4S9J	269,748	525	177	A B	K61ZQ (N1LPN, W4FTI, ops)	75,888	372	102	D	W6GFM	202,242	914	111	B C					
KG4CJ	8,648	94	46	B B	W2YE	110,656	295	133	A B	K5ORP	25,344	143	66	D	W6GFM	202,242	914	111	B C					
K4JJK	1,584	44	18	B B	W4SD	67,116	199	94	A B	Santa Barbara					W6GFM	202,242	914	111	B C					
W4VZ	1,090,726	3227	169	C B	K5VG	49,572	168	81	A B	W6GFM	202,242	914	111	B C	W6GFM	202,242	914	111	B C					
N4CNC	260,004	322	141	C B	N3ZYU	1,906,524	2508	254	A C	W6GFM	202,242	914	111	B C	W6GFM	202,242	914	111	B C					
W4YDY	25,588	262	87	C B	A1ZC	786,760	1186	221	A C	W6GFM	202,242	914	111	B C	W6GFM	202,242	914	111	B C					
W4UFO	23,480	138	85	C B	K4VV	602,624	1054	214	A C	W6GFM	202,242	914	111	B C	W6GFM	202,242	914	111	B C					
W4FAL	15,004	121	62	C B	K3MT	555,048	928	234	A C	W6GFM	202,242	914	111	B C	W6GFM	202,242	914	111	B C					
KG4ZDU	6,732	102	33	C B	W3MGL	6,084	86	47	A B	W6GFM	202,242	914	111	B C	W6GFM	202,242	914	111	B C					
W9JB	430,992	877	123	C B	W4M	165,240	404	102	C B	W6GFM	202,242	914	111	B C	W6GFM	202,242	914	111	B C					
K84JAA/T	1,034,172	1629	234	D	W4MYA	1,906,524	2508	254	A C	W6GFM	202,242	914	111	B C	W6GFM	202,242	914	111	B C					
N4AF	909,872	1556	146	C C	A1ZC	786,760	1186	221	A C	W6GFM	202,242	914	111	B C	W6GFM	202,242	914	111						

K7RI	868,140	3446	126 B C	K9NW	53,436	219	61 C B	W9EEU	8,000	100	40 B B	KG0UA	143,632	381	94 C B	Nova Scotia							
K7CAR	530,422	2348	113 B C	W8AZA	49,824	173	72 C B	K99THU/N	2,720	68	20 B B	KG0Y (+W0TM)	1,719,990	2182	261 D	VE1JS	206,108	866	119 B B	Newfoundland-Labrador			
W7GLC	358,732	349	102 B C	W7AY	38,978	203	48 B B	W9YU	372,330	1379	135 C B					VE1NB	227,264	536	106 C B	V01RE	351,654	1343	129 A B
W7JR1NKN	42,624	223	48 C A	W8DHG	30,744	122	63 C B	KC9OP	104,130	445	117 B C	Minnesota				V01RET	5,520	69	40 B B				
W7ZPD	478,848	1020	116 C B	KC8HY	6,820	55	31 C B	W41MKE	40,552	274	74 C B	K00B	660,484	1171	187 A B	V01MP	688,012	1311	131 C B				
AD7U	337,788	845	99 C B	W8YRS	3,420	46	19 C B	K8DIY	4,600	50	23 C A	W40VH	151,232	462	136 A B	Quebec							
N7ETC	248,368	711	86 C B	K8AZ (K8NZ, op)	1,311,200	2200	149 C C	KJ9C	413,960	788	31 C B	W40VH	148,912	363	122 A B	VE2AWR	600,990	953	195 A B				
K7FU	145,692	513	71 C B	W8VA	923,440	1649	140 C C	K8BGS	101,184	272	83 C B	W40VH	48,044	207	83 A B	VE2AWT	401,778	791	153 A B				
AB7RW WDXC	129,000	425	75 C B	W8CAR	625,000	1249	125 C C	K8CTV	198,648	534	93 C C	W40MHP	11,618	114	37 A B	VE2VW	600,990	953	195 A B				
N7UX	78,876	313	63 C B	KE8M	536,536	999	134 C C	K9JWI	114,552	333	86 C C	K800QQ	7,072	81	34 A B	VE2WAL	36,000	186	75 A B				
K8BN	66,640	238	70 C B	N8WS	32,696	131	61 C C	W9W0 (+W9U1)	953,854	1259	227 D	KMBO	1,355,222	1959	229 A C	VE2WAL	22,878	188	41 A B				
W7RGL	42,480	177	60 C B	N8BJQ (+packet)	647,504	1133	143 D	K9IU	109,612	241	82 B C	W40MHW	683,280	1031	219 A C	VE2WAL	36,000	186	75 A B				
KD7LJ	20,416	115	44 C B	N3II	576,296	792	251 D	N2VDC	126,048	624	101 B B	W40MHW	133,956	314	122 A C	VE2WAL	188	41 A B					
KD7Z	256,540	633	101 C C	W8KKF (+packet)	185,654	623	149 D	K9ASAW, N9DHX, ops)	230,230	514	161 D	W40MHW	48,044	207	83 A B	VE2PJI	32,225	212	76 A B				
W7RM (K7NT, W7NX, ops)	1,466,388	2222	231 D	K8BUN (+KC8IHR, KC8LIN)	149,404	455	96 D					K80B	84,240	323	104 A C	VE2QWL	82,618	409	101 B B				
N7KE (AC2K, K1LOG, K7SZL, KB7N, N9KAH, NW7DX, W7QC, W7PB, ops)	1,037,110	1789	185 D	K8BPGV (N8BJQ, KD8SQ, ops)	70,884	358	99 D	Wisconsin				K80B	21,384	198	54 A B	VE2SAL	58,500	390	75 B B				
N7PP (W7BUN, KA2YMZ, N104E, ops)	437,632	2104	105 D	West Virginia				AF9J	29,736	154	59 A A	K80B	30,120	251	60 B B	VE2SAL	15,222	129	59 B B				
N4SL (+WB7FJ, W7KDBZ)	347,424	885	141 D	K8ID	756,196	1064	226 A B	W1UJU	566,386	895	190 A B	W80GM	29,232	203	72 B B	VE2FFE	16,684	97	43 C B				
Wyoming				W2UD	792,356	1177	226 A C	K9KR	12,138	108	51 A B	W80GM	29,232	203	72 B B	Ontario							
N7JY	9,890	115	43 B A	K8LQ (KB8AOB, op)	2,100	50	21 B B	W9YCV	15,560	116	243 A C	K0DMR	18,894	141	67 B B	VA3UZ	552,840	821	204 A B				
N7UW AF7LE, NQ7Q, KB7QV, WB7K, KD7FHE, W7E, KB7SGP, ops)	31,376	296	53 D	K83AUG	261,368	883	148 B C	W9XT	4,390,416	2163	248 A C	K05V	13,200	100	66 B B	VE3STT	190,762	428	143 A B				
8				K8OWL	1,800	30	15 C A	K9OC	439,560	802	145 A C	K05V	2,450	49	25 B B	VA3IX	97,216	299	124 A B				
Michigan				N81I	622,512	967	213 A C	W9IM	55,556	204	86 A C	K05V	69,174	47	81 C B	VE3ZT	1,279,696	1812	242 A C				
WDE8	282,384	661	148 A B	K3JT	539,400	1035	130 C B	N9NUN/T	126,048	624	101 B B	K0ADQ	35,224	238	74 C B	VE3ZT	306,252	604	141 A C				
K8GT	178,200	393	135 A B	W8WV	154,140	366	105 C B	KB9LIE	40,800	255	80 B B	K0KUP	25,056	216	58 C B	VE3JUN	48,594	272	89 A C				
W8BRFB	98,580	305	93 A B	K8OQL	386,496	791	122 C C	KA9JAC	35,850	239	75 B B	N0PFY/T	11,232	108	52 C B	VE3KN	376,320	1344	140 B B				
N8NX	97,240	292	110 A B	9				W89PUB/T	33,132	251	66 B B	N0UR	276,424	631	109 A C	VA3JK	288,048	1059	136 B B				
K8JMX	89,480	292	110 A B	Illinois				N81I	622,512	967	213 A C	N0UR	228,240	561	109 A C	VE3BUC	117,856	508	116 B B				
K8FXR	66,048	220	86 A B	K8GX	1,309,528	1718	253 A B	K3JT	539,400	1035	130 C B	N9NUN/T	126,048	624	101 B B	VE3MOW	106,700	485	110 A C				
W8OLD	32,574	144	61 A B	N9J	239,904	407	180 A B	W8WV	154,140	366	105 C B	KB9TQ	9,500	125	38 C B	VA3SWE	57,138	321	89 B B				
W8X3M	30,856	144	58 A B	K9E	313,560	604	180 A B	K8OQL	386,496	791	122 C C	K99AF	414,288	1644	126 C B	VA3WZ	35,644	266	67 B B				
W8YU	353,732	705	191 A C	K9Y	239,904	407	180 A B	W9V9	372,384	1294	144 C B	W9V9	372,384	1294	144 C B	VE3XKX	6,120	85	36 C B				
N8KR	276,256	582	178 A C	K9G	152,880	382	140 A B	K9YR	30,084	218	69 B C	W9WAW	40,672	164	62 C B	VE3VFR	396,032	827	119 C B				
AA8PA	808,248	238	84 B C	N9H	189,952	447	106 C A	W9WAW	40,672	164	62 C B	N9W	290,160	618	211 C A	VE3VFR	352,032	766	114 C B				
K8LGM	39,888	277	72 B B	K9J	189,952	447	106 C A	N9N	290,160	618	211 C A	K99AF	414,288	1644	126 C B	VE3VFR	352,032	766	114 C B				
AA8B	23,550	157	75 B B	N9M	189,952	447	106 C A	N9X	58,692	199	73 C B	W9V9	372,384	1294	144 C B	VE3VFR	352,032	766	114 C B				
AA8C	22,272	152	75 B B	N9N	189,952	447	106 C A	W9HR	50,700	169	75 C B	N9Y	50,700	169	75 C B	VE3VFR	352,032	766	114 C B				
K0DYT	16,272	113	72 B B	N9P	189,952	447	106 C A	N9Z	40,672	164	62 C B	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
N8WTH	11,800	118	50 B B	N9Q	189,952	447	106 C A	N9C	58,692	199	73 C B	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
K8JAX	7,410	95	39 B B	K9K	13,888	111	44 A B	N9C	58,692	199	73 C B	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
AB8DX	4,356	66	33 B B	N9R	13,888	111	44 A B	N9D	189,952	447	106 C A	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
N8DFE	2,912	52	28 B B	N9S	13,888	111	44 A B	N9T	189,952	447	106 C A	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
W8A8EN	416	16	13 B B	N9U	13,888	111	44 A B	N9V	189,952	447	106 C A	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
K8ET	257,024	1004	128 C B	N9V	13,888	111	44 A B	N9W	189,952	447	106 C A	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
K8VWE	30,104	212	71 C B	N9X	13,888	111	44 A B	N9X	189,952	447	106 C A	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
K8RQCUT	26,106	126	57 C B	N9Y	13,888	111	44 A B	N9Y	189,952	447	106 C A	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
N8AP	195,168	453	107 C A	N9Z	13,888	111	44 A B	N9Z	189,952	447	106 C A	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
K8LJQ	180,708	405	111 C A	N9Z	13,888	111	44 A B	N9Z	189,952	447	106 C A	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
K8CV	8,024	59	34 C A	N9Z	13,888	111	44 A B	N9Z	189,952	447	106 C A	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
W8MJ	227,752	582	178 A C	N9Z	13,888	111	44 A B	N9Z	189,952	447	106 C A	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
K8IR	213,864	463	114 C B	N9Z	13,888	111	44 A B	N9Z	189,952	447	106 C A	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
K8ER	181,720	413	110 C B	N9Z	13,888	111	44 A B	N9Z	189,952	447	106 C A	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
W8RU	100,100	275	91 C B	N9Z	13,888	111	44 A B	N9Z	189,952	447	106 C A	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
K8BPGW	49,920	190	65 C B	N9Z	13,888	111	44 A B	N9Z	189,952	447	106 C A	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
K8SIA	36,504	168	54 C B	N9Z	13,888	111	44 A B	N9Z	189,952	447	106 C A	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
K8SS	21,360	108	48 C B	N9Z	13,888	111	44 A B	N9Z	189,952	447	106 C A	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
W8WVU	2,360	56	10 C B	N9Z	13,888	111	44 A B	N9Z	189,952	447	106 C A	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
N8EA	236,460	563	105 C C	N9Z	13,888	111	44 A B	N9Z	189,952	447	106 C A	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
AA8U (+N8NX, ND5S, K8MJZ, JZELUN, K7X, N8VW, KF8Q)	2,500,238	2867	29 D	N9Z	13,888	111	44 A B	N9Z	189,952	447	106 C A	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
K8BELY (N8NJE, W8SW, N8MMF, N8ZDW, KC8DN, ops)	17,646	173	51 D	N9Z	13,888	111	44 A B	N9Z	189,952	447	106 C A	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
Ohio				N9Z	13,888	111	44 A B	N9Z	189,952	447	106 C A	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
N8XA	101,136	235	129 A B	N9Z	13,888	111	44 A B	N9Z	189,952	447	106 C A	N9Z	40,672	164	62 C B	VE3VFR	352,032	766	114 C B				
K8NRCR/T	23,296	111	64 A A	N9Z	13,888	111	4																