

# The 2004 ARRL 10 Meter Contest Results

*“Go West, young man, and grow up with the country.”—Horace Greeley*

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If Horace Greeley had been writing about Amateur Radio and the 2004 ARRL 10 Meter Contest, there is speculation that the quote might have been *“Go South, young ham, and search for the propagation.”*

The NOAA/SEC predicted Smoothed Sunspot Numbers for the three months of November-December 2004 and January 2005 were 32-30-27. The actual number of sunspots were even worse—16 on the 11th and 26 on the 12th. So when those in the more northern latitudes wonder why things were so dead, the answer is easy to come by.

A total of 1860 logs were received—down almost 42% from the record number received just two years ago. For this year’s contest, the top station made only 3032 contacts. That’s a decline of about 40% in contacts in just a two year period.

A quick perusal of the leaders’ boxes for 2004 will show that stations from the higher northern latitudes played second fiddle to their friends farther south. As they say in real estate—Location, Location, Location.

## Non-W/VE Results

### Multioperator

Nine of the top 10 entries in the category hailed from North and South America or the Caribbean—the one exception being ZL1V’s 7th place finish from Oceania. You have to go down to 12th place before finding the top European score in the category—TK5kP. 8P9Z was the top North American entry, in 5th place, while the top Asian finisher was JE1ZWT. It took CX5BW’s crew about 3020 Qs from Uruguay to capture the top prize in the DX Multioperator Category.

### Single Operator CW Only

Joe, V31JP, added to his legacy by taking the top spot in the SO CW High Power category. In fact Joe outdistanced runner-up Frank, ZL2BR, by about 250k. Joao, CU3AA, finished as the top European score and in 3rd place.

Uruguay saw a second winner as Daniel, CX9AU, emerged the winner after a very tight battle with Huge, LU1EWL, by only 20k in the in the SO CW Low Power competition.

While six Europeans made this SO CW QRP Top 10 box, the runaway (well for QRP) winner was Junior, PY1WX, who more than doubled the next highest score.

### Single Operator Phone Only

South America had a lock on the SO Phone High Power category, with six of the top 10 category scores coming from that area. LU1HF, posted an impressive win by almost 350k points.

The “southern advantage” was nowhere better demonstrated than in the SO Phone Low Power category, where 8 of the top 10 finishers were from South America. Jorge, LV5V, locked in a duel with Juan, LU4DX, eventually emerged with a slim 15k victory.

In SO Phone QRP, Carlos, TI2KAC, posted an impressive winning score of 212k to beat out top South American challenger Rafa, LU7VCH by 68k.

### Single Operator Mixed Mode

SO Mixed High Power category showed



The FCG club call, K4OJ, was put on the air by Kevin, N4KM, and posted a victory in the W/VE Single Operator CW Only Low Power category. Kevin operated from the shack of W1YL, the mother of the late K4OJ.

Bruce, ZF2NT, is not just the builder of a great contest station in a formidable location. Bruce can “get it on” with the best of them. His margin of victory over European champion Stefan, DL1IAO, was over 1 million points!

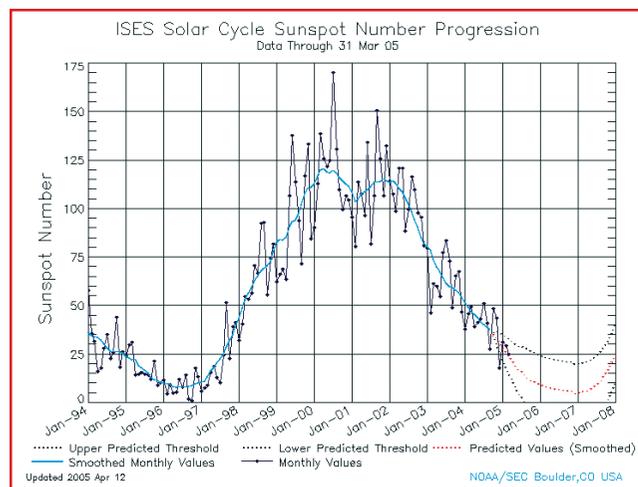
SO Mixed Low Power had a nice geographical spread—all six continents were represented in the top eight scores. It also had a tight race, the championship. Silvio, LU5EML, won the category, besting countryman Jorge, LU2EE, by about 155k.

SO Mixed QRP saw only 17 submitted entries in 2004. Taking overall category honors was Phil, NØKE, who operated from the TI5N station.

## W/VE Results

### Multioperator

The W/VE competition ended up being a battle among those located on the



One look at the NOAA/SEC Sunspot Cycle chart shows that, at least for the next couple of years, we are in for some pretty bad propagation on 10 meters in general.

## Top Ten, WVE

<b>Mixed Mode, QRP</b>	<b>Phone Only, Low Power</b>
K9OM 354,090	KH6GMP 77,868
W8ZBT 92,916	KI4ACW 66,314
W4DEC 89,880	N6IUI 59,704
NA4BW 42,924	W8DD 54,720
ND0C 40,172	W3MMM 54,386
W5GZ 37,950	W8QYJ 45,866
K3TW 37,488	N5KGY 45,150
NK6A 31,320	KC5YKX 44,196
K5GMX 27,216	N9NUN 43,736
K4AQ 21,828	W7UPF 42,180

<b>Mixed Mode, Low Power</b>	<b>Phone Only, High Power</b>
WD5k 376,868	N4OX 423,792
K8IA 334,626	W5PR 367,136
W5UE 333,312	K5TR (WM5R, op)
K4ZGB 274,512	W0SD 305,704
K4IK 261,072	K4MM 212,364
K2Z (KD2RD, op)	W3LPL (AC5RR, op)
243,388	AK2P 173,400
KT0K 227,760	K8CC (N8NX, op)
W04O 225,944	W3LE 162,720
KM6Z 221,760	N3HBX 135,024
AC0W 206,180	N2EOC 131,480

<b>Mixed Mode, High Power</b>	<b>CW Only, QRP</b>
W64E 1,247,536	KG5U 109,612
NQ4I (VE7ZO, op)	N5TW 55,696
1,130,634	N8AP 38,976
N4PN 1,086,408	AA1CA 35,088
W5WU 872,608	N4IJ 34,100
K4PV 809,416	K4ORD 30,720
K4EA 774,984	N5ZE 25,208
W9RE 741,380	VE3XD 22,800
WE3C 700,780	W7RAB (KH7YD, op)
N9AG (@N8NR)	20,400
512,080	K0OK 19,688
N0NI 442,470	

<b>Phone Only, QRP</b>
W6QU (W8QZA, op)
30,160
KR1ST 22,444
W1KLM 21,330
N7YP 18,684
N8XA 18,544
KO1H 18,480
KG4IGC 16,112
K9DXR 12,558
KC8QAE 10,880
WD5FGZ 5,576

## Top Ten, DX

<b>Mixed Mode, QRP</b>	<b>Phone Only, Low Power</b>	<b>CW Only, Low Power</b>
T15N (N0KE, op)	LV5V 422,940	CX9AU 494,564
420,050	LU4DX 407,712	LU1EWL 474,696
PY2NY 27,974	ZX2B (PY2MNL, op)	LU1EXU 435,024
SQ9UM 14,602	366,656	FM5JC 259,524
LZ2HM 10,184	LU1FS 302,514	ZL3TE (W3SE, op)
RW3AI 6,210	WP4EDD 284,708	250,200
RW3VZ 5,936	CX1AV 279,030	HI8/JA6WFM 191,576
YU1LM 4,738	LW7DUC 254,422	EA5YU 120,744
RX9WN 3,240	HI3CCP 247,572	PY2NA 103,648
YO4AAC 3,168	LQ5H (LU3HS, op)	4N1N (4N1JA, op)
RA0AY 3,128	246,540	101,592
	LU5FII 230,860	9A2U (9A3ZA, op)
		80,080

<b>Mixed Mode, Low Power</b>
LU5EML 880,000
LU2EE 724,890
EA8/DJ1OJ 540,078
CX2AQ 427,310
EA7RM 400,824
ZL1TM 252,434
NF3CW 142,500
RX9AM 133,962
EA7TN 128,148
RX9SR 96,064

<b>Mixed Mode, High Power</b>
ZF2NT 1,427,052
DL1IAO 322,234
PS2E (PY2EX, op)
285,650
V51/DL5XL 272,976
RA6CM 241,416
EX2M 223,992
ZL1ALZ 176,550
UT2IY 142,100
FX4HZ 130,500
YR7M (YO3JR, op)
129,504

<b>Phone Only, QRP</b>
T12KAC 212,978
LU7VCH 144,504
KP2/KL7JR 105,786
LW3DX 96,928
LU1VK 76,440
HI3TEJ 67,716
L20E 52,104
JH7RTQ 8,580
I5KAP 7,178
IK5RUP 5,304

<b>Phone Only, High Power</b>
LU1HF 850,014
AY8A (LU8ADX, op)
505,160
PY2TO 437,648
EA8CAC 351,288
CT3KY 310,422
5U7JB (N4HX, op)
306,578
LU1NDC 271,170
CE4PBB 235,222
KG4WW 206,006
4M5DX (YV5SSB, op)
189,672

<b>CW Only, QRP</b>
PY1WX 102,416
LW5DR 45,640
RV9AZ 19,008
YO8KOS (YO4BIJ, op)
18,360
EA7AAW 16,692
RN6AL 12,400
ON4AEB 10,560
OM7DX 9,768
US3QW 7,540
DU7/N7ET 6,132

<b>CW Only, High Power</b>
V31JP (K8JP, op)
622,000
ZL2BR 371,212
CU3AA 269,800
XE1MM 194,028
YT2R (YU1AU, op)
160,176
ZC4LI 148,560
ZS1EL 122,740
VR2BG 114,816
M7M (G0CKP, op)
96,064
RD3A (RD3AF, op)
86,700

<b>Multioperator</b>
CX5BW 2,531,694
LT1F 2,465,300
PJ4Z 2,054,444
LR2F 1,999,200
8P9Z 1,971,116
PJ2T 1,780,480
ZL1V 1,568,916
LT7W 1,405,994
LP0H 1,258,880
VP2MW 1,153,080

Gulf Coast of the US. The NE4AA and NX5M entries were the only two MOs to break the 1Meg barrier in this contest. The operators at NE4AA used a simple formula: more QSOs + more Multipliers = Victory.

### Single Operator CW Only

In SO CW High Power, two great operators emerged in the Southeast region within 30k of each other at the top. Bob, N4BP, and his QTH in SFL slugged it out with Blake, N4GI in WCF. Bob won by virtue of 56 Qs and 2 Mults more than Blake.

The SO CW Low Power had six of the top seven scores posted from "down south" in Florida. As a tribute to SK, K4OJ, Kevin, N4KM, decided to operate using the club call of the Florida Contest Group and won the category by 100k over runner-up Merrill, WK2G.

The "southern strategy" was in play in the SO CW QRP category as the winner from the West Gulf Division. Dale, KG5U, held off fellow West Gulf participant Tom, N5TW, and posted a score of a couple of QSOs shy of 110k points.

### Single Operator Phone Only

The battle of the South continued in the SO Phone High Power category with the

## Affiliated Club Competition

	Score	Entries
<b>Unlimited Category</b>		
Florida Contest Group	10,275,302	52
Potomac Valley Radio Club	7,002,838	81
<b>Medium Category</b>		
Northern California Contest Club	3,462,774	37
Society of Midwest Contesters	2,835,472	27
South East Contest Club	2,802,728	13
Frankford Radio Club	2,216,214	11
Florida Contest Group - Panhandle	1,853,194	5
Minnesota Wireless Assn	1,694,442	50
Contest Club Ontario	1,651,152	28
Yankee Clipper Contest Club	1,522,676	31
Southern California Contest Club	1,212,714	15
Cajun Contest Club	1,141,916	3
Tennessee Contest Group	981,924	20
Carolina DX Assn	902,310	8
North Texas Contest Club	804,064	7
Kentucky Contest Group	777,726	5
Central Texas DX and Contest Club	753,074	9
Southwest Ohio DX Assn	732,198	3
Central Arizona DX Assn	722,124	8
Grand Mesa Contesters of Colorado	705,754	7
Mad River Radio Club	701,868	9
Mother Lode DX/Contest Club	554,198	6
Western Washington DX Club	513,112	12
Hudson Valley Contesters and DXers	307,378	9
Texas DX Society	288,816	3
Order of Boiled Owls of New York	288,708	6
Willamette Valley DX Club	270,866	5
Lincoln ARC	257,030	3
Kansas City DX Club	167,418	3
North Coast Contesters	124,552	3
Rochester (NY) DX Assn	115,748	6
Bergen ARA	80,240	5
Six Meter Club of Chicago	68,020	7
North Alabama DX Club	65,802	3
West Park Radiops	55,244	5
West Allis RAC	42,862	5
Maritime Contest Club	40,684	5
<b>Local Category</b>		
CT RI Contest Group	205,380	6
Mt Frank Contesters	204,032	4
Medina 2 Meter Group	155,704	4
Sussex County ARC	152,388	4
Redmond Top Key Contest Club	98,596	3
Columbia-Montour ARC	94,576	4
Hampden County Radio Assn	35,956	5
Metro DX Club	25,106	3
Sturdy Memorial Hospital ARC	14,236	4

Southeastern Division taking on the West Gulf Division. Jay, N4OX was the only station in the category to go over 400k points. The Midwest Region tried hard to bring it home, sending stalwarts Chuck, W5PR and Kenneth, WM5R (operating from K5TR), but they didn't quite make the mark, though both managed to break the 300k level.

It helps to be a much sought multiplier, as winner Gary, KH6GMP, found out while winning the Single Op Phone Low Power category. Gary lost the multiplier battle to runner-up Bill, KI4ACW by 8, but his almost 150 additional QSOs allowed him to win by about 11k.

In 2004, SO Phone QRP had 18 entries. W6QU, with Bill, W8QZA as the operator, won this category from the West Coast. Alex, KR1ST, placed second from the Roanoke Division (Southeast region).

### Single Operator Mixed Mode

In the SO Mixed High Power category, Places 1 through 6 were claimed by hams from "down South." Leading the pack was Jeff, WC4E. Jeff finished almost 117k ahead of multiplier leader Jim, VE7ZO, the guest operator at NQ4I.

Tom, WD5K, was 42k points better than runner-up Bob, K8IA, in the SO Mixed Low Power competition. Randy, W5UE, was tops in the Southeast region and 3rd overall in

## Region Leaders

Tables list call sign, score, class (A = Mixed Mode, B = Phone only, C = CW only, D = Multioperator), and power (A = QRP, B = Low Power, C = High Power).

### W/VE

#### Northeast Region (New England, Hudson and Atlantic Divisions; Maritime and Quebec Sections)

K3TW	37,488	A	A
K5GMX	27,216	A	A
KA1LMR	16,268	A	A
N2XP	14,040	A	A
K2TA	7,112	A	A
K2Z (KD2RD, op)	243,388	A	B
K2PS	103,626	A	B
KA2D	91,584	A	B
A13M	87,688	A	B
WA3IA	67,462	A	B
WE3C	700,780	A	C
K3ZO	400,608	A	C
W2RQ	161,394	A	C
WA2JQK	134,904	A	C
K1KD	80,784	A	C
KO1H	18,480	B	A
N1BQ	3,536	B	A
WB0WVG	1,008	B	A
N4ZHG	2	B	A
W3MMM	54,386	B	B
W1KT	35,256	B	B
W3LL	22,260	B	B
WB2ZTH	16,320	B	B
KA2CYN	14,628	B	B
W3LPL (AC5RR, op)	202,952	B	C
AK2P	173,400	B	C
N3HBX	135,024	B	C
N2EOC	131,480	B	C
N8RA	130,474	B	C
AA1CA	35,088	C	A
K2SM	19,080	C	A
K2JT	6,432	C	A
WB8YYY	6,148	C	A
N2CQ	5,376	C	A
NY3A	193,140	C	B
W3EP	169,988	C	B
NS3T	69,888	C	B
VE1OP	63,624	C	B
K3NK	63,336	C	B
N2MM	303,584	C	C
K2LE	176,220	C	C
N3UM	149,364	C	C
K2FU	97,500	C	C
W1ECT	71,288	C	C
N2RM	631,638	D	
N3OC	425,182	D	
K3DI	405,790	D	
AA1JD	398,544	D	
KD2I	220,242	D	

#### Southeast Region (Delta, Roanoke and Southeastern Divisions)

K9OM	354,090	A	A
W4DEC	89,880	A	A
NA4BW	42,924	A	A
K4AQ	21,828	A	A
W8EHH	5,440	A	A
W5UE	333,312	A	B
K4ZGB	274,512	A	B
K4IK	261,072	A	B
W04O	225,944	A	B
N4EK	202,120	A	B
WC4E	1,247,536	A	C
NQ4I (VE7ZO, op)	1,130,634	A	C
N4PN	1,086,408	A	C
W5WMM	872,608	A	C
K4PV	809,416	A	C
KR1ST	22,444	B	A
W1KLM	21,330	B	A
N7YP	18,684	B	A
KG4IGC	16,112	B	A
NO4FX	1,496	B	A
K14ACW	66,314	B	B
WA8QYJ	45,866	B	B
N5KGY	45,150	B	B
W4GKF	37,296	B	B

K4PZC	37,164	B	B
N4OX	423,792	B	C
K4MM	212,364	B	C
W4RJ	119,880	B	C
NJ2F	107,184	B	C
N4NW	103,040	B	C
N4IJ	34,100	C	A
K4ORD	30,720	C	A
N4ROA	16,960	C	A
K2EKM	14,136	C	A
K8OWL	12,240	C	A
K4OJ (N4KM, op @W1YL)	419,040	C	B
W4JG	312,576	C	B
K1PT	310,072	C	B
WJ9B	298,180	C	B
W4DAHZ	275,964	C	B
N4BP	393,204	C	B
N4GI	363,272	C	B
KZ5D	244,020	C	C
N4AF	226,644	C	C
N4TB	225,920	C	C
NE4AA	1,676,396	D	
K1SE	643,356	D	
W4MYA	587,520	D	
W4/G4BUE	555,450	D	
K4WI	550,766	D	

#### Central Region (Central and Great Lakes Divisions; Ontario Section)

N8IE	10,184	A	A
N8WS	5,566	A	A
VC3W (VA3JFF, op)	2,686	A	A
VC3W	210	A	A
KC9ECI	210	A	A
VE3DZ	148,248	A	B
W9AU	111,720	A	B
VA3EEA	90,280	A	B
VE3WG	73,260	A	B
K8NVR	72,944	A	B
W9RE	741,380	A	C
N9AG (@N8NR)	512,080	A	C
VE3AT	425,470	A	C
W9IU	415,242	A	C
W9XT	405,268	A	C
N8XA	18,544	B	A
K9DXR	12,558	B	A
KC8OAE	10,880	B	A
AA9DY	528	B	A
KE4TZJ	24	B	A
W8DD	54,720	B	B
N9NUN	43,736	B	B
N8RY	22,344	B	B
WB9PUB	19,140	B	B
KD4HXT	18,368	B	B
K8CC (N8NX, op)	162,720	B	C
N1ZP	120,150	B	C
VE3RM (LU7DW, op)	93,436	B	C
KE9S	62,094	B	C
W8JWN	35,496	B	C
N8AP	38,976	C	A
VE3XD	22,800	C	A
K9JU	17,220	C	A
NO8C	14,416	C	A
N9SV	5,632	C	A
KB9S	122,928	C	B
K9QVB	110,600	C	B
WD9DZV	89,776	C	B
W8GF	41,580	C	B
K1TN	37,052	C	B
N9RV	155,520	C	C
W8MJ	146,952	C	C
N8BJQ	99,968	C	C
N9CK	98,088	C	C
W9YYG	68,120	C	C
N4GN	566,568	D	
N2BJ	265,200	D	
K8AJS	231,608	D	
K9IZ	211,544	D	
VA3EC	178,728	D	

#### Midwest Region (Dakota, Midwest, Rocky Mountain and West Gulf Divisions; Manitoba and Saskatchewan Sections)

WA8ZBT	92,916	A	A
ND0C	40,172	A	A
W5GZ	37,950	A	A
K0PC	8,064	A	A
KB0YH	5,390	A	A
WD5K	376,868	A	B
KT0K	227,760	A	B
AC0W	206,180	A	B
KU5S	123,050	A	B
W0ETT	122,436	A	B
N0NI	442,470	A	C
NA5S	427,840	A	C
K5UN	258,440	A	C
K07X	190,808	A	C
K0JPL	167,948	A	C
WD5FGZ	5,576	B	A
W0LMS	182	B	A
KC5YKX	44,196	B	A
WA5IYX	34,220	B	A
WA0FOK	28,148	B	A
K0GND	26,520	B	A
NT0F	20,280	B	A
W5PR	367,136	B	C
K5TR (WM5R, op)	305,704	B	C
W0SD	229,866	B	C
K0RH	125,840	B	C
N5TY	111,216	B	C
KG5U	109,612	B	C
N5TW	55,696	B	C
N5ZE	25,208	B	C
N0UR	14,280	B	C
N0LY	8,256	B	C
N5DO	244,684	B	C
AA5WH	127,300	B	C
K5KA	80,352	B	C
N5CHA	72,664	B	C
KC0M	45,552	B	C
W5FO	237,096	B	C
N5zk (W5ASP, op)	178,464	B	C
K0IO	85,136	C	C
N5NA	83,504	C	C
N0AT	81,648	C	C
NX5M	1,168,440	D	
KR0B	349,576	D	
K5SV	308,844	D	
KT0R	253,260	D	
K0GAS	190,620	D	

#### West Coast Region (Pacific, Northwestern and Southwestern Divisions; Alberta, British Columbia and NWT Sections)

NK6A	31,320	A	A
N6KM	6,656	A	A
W6RCL	3,080	A	A
K7ABV	2,432	A	A
KG6HM	2,240	A	A
K8IA	334,626	A	B
KM6Z	221,760	A	B
WN6K	191,196	A	B
WA6FGV	119,968	A	B
N7LOX	102,500	A	B
W7ZR	414,948	A	B
KA6BIM	384,250	A	B
K6XX	315,250	A	B
N6ED	281,648	A	B
N6NF	277,860	A	B
W6QU (W8OZA, op)	30,160	B	A
WA9NBU	928	B	A
KH6GMP	77,868	B	B
N6IU	59,704	B	B
W7UPF	42,180	B	B
K7ACZ	22,100	B	B
KG9JP	21,528	B	B
K7ZSD	128,904	B	C
K6HNZ	121,176	B	C

NJ7I	114,000	B	C
N6QQ	90,692	B	C
W7EB	80,936	B	C
W7RAB (KH7YD, op)	20,400	C	A
K0OK	19,688	C	A
VA7MM	8,700	C	A
K7MM	8,632	C	A
AE7DX	2,160	C	A
N6JV	97,552	C	B
K7HP	97,468	C	B
KA7T	94,500	C	B
KH6NF (KH6SH, op)	86,848	C	B
AC6VN	71,224	C	B
N6RO	351,016	C	C
KC7V	117,504	C	C
N4SL	80,892	C	C
K7BG	77,220	C	C
W0YK	66,000	C	C
W6YX	320,616	D	
W6SR	317,400	D	
KH6IN	134,128	D	
N7YX	128,576	D	
W6TE	127,104	D	

#### Continental

EA8/DJ10J	540,078	A	B
CT3KU	19,344	A	B
CT3EE	16,422	A	B
9G5ZS	16,226	A	B
V51/DL5XL	272,976	A	C
EA8TX	212,716	B	B
CT3EN	153,510	B	B
CN8K	110,010	B	B
VQ9OD	8,704	B	B
5U7B	6,660	B	B
EA8CAC	351,288	B	C
CT3KY	310,422	B	C
5U7JB (N4HX, op)	306,578	B	C
EA8NQ	33,252	B	C
CN8YR	14,356	B	C
ZS4JAN	13,532	B	C
ZS1EL	122,740	C	C

#### Asia

RX9WN	3,240	A	A
RA0AY	3,128	A	A
JK1TCV	1,586	A	A
JK2VOC	88	A	A
RX9AM	133,962	A	B
RX9SR	96,064	A	B
9M2TO	62,098	A	B
Y19GT (SP3GTS, op)	56,826	A	B
UA9SP	48,906	A	B
EX2M	223,992	A	C
RW9TA	99,560	A	C
JH4UTP	68,600	A	C
JH7XMO	53,802	A	C
RT9W (RX9WR, op)	43,600	A	C
JH7RTQ	8,580	B	A
JA2MWP	3,312	B	A
JA3LFLK	2,100	B	A
RV9BI	832	B	A
J18GZS/1	16	B	A
4Z5LZ	3,952	B	B
7N2UQC	2,394	B	B
JH1CML	2,190	B	B
JA1KK	1,344	B	B
JH1UUT	896	B	B
JA7OWD	40,900	B	C
4X6DK	10,260	B	C
VR2XLN	6,612	B	C
JA3LEZ	2,448	B	C
UA0SE	912	B	C
RV9AZ	19,008	C	A
JR1NKN	5,544	C	A
7K1CPT	5,124	C	A
JA1GTF	4,896	C	A
JE2HCJ	3,240	C	A
UN5J	49,364	C	B

EX2X	45,276	C	B
RU9WZ	41,280	C	B
UN6LN	34,272	C	B
UA0SAD	26,448	C	B
ZC4LI	148,560	C	C
VR2BG	114,816	C	C
9V1YC	21,000	C	C
JA7IC	16,728	C	C
UA9FM	13,216	C	C
JE1ZWT	96,944	D	
RW9OWD	67,712	D	
RZ9SWR	23,028	D	

#### Europe

SQ9UM	14,602	A	A
LZ2HM	10,184	A	A
RW3AI	6,210	A	A
RW3VZ	5,936	A	A
YU1LM	4,738	A	A
EA7RM	400,824	A	B
EA7TN	128,148	A	B
RW3GU	50,820	A	B
UA4AN	49,280	A	B
EA7KJ	43,554	A	B
DL1IAO	322,234	A	C
RA6CM	241,416	A	C
UT2IY	142,100	A	C
RX4HZ	130,500	A	C
YR7M (YO3JR, op)	129,504	A	C
V31JP (K8JP, op)	7,178	B	A
I5kAP	5,304	B	A
IK5RUP	3,072	B	A
DF1RK	2,850	B	A
UA3BL	2,352	B	A
SV1NK	94,320	B	B
IT9ESW</			



DL7NS	6,844	60	29	C	C	F6KHM (F4DXW, F5VCR, F5TTU, F8DBF, ops)	LZ2UZ	4,092	49	22	A	B
DL2OM	1,736	33	14	C	C	70,200 282 90 D	LZ9X (LZ1RB, op)	72,354	237	93	A	C
<b>Spain</b>						TM5VT (F5ROX, F5MFL, F8CDM, F5MLJ, F8AUS, ops)	LZ1PM	28,304	132	61	A	C
EA7RM	400,824	748	171	A	B	F5KAR (F4CVA, F0DPD, F0DBT, F1FPL, F8CVB, ops)	LZ1RW	4,512	48	24	A	C
EA7TN	128,148	328	118	A	B	1,596 41 21 D	LZ3SM	84	7	6	B	B
EA7KJ	43,554	198	61	A	B	<b>England</b>	LZ2PL	26,784	129	54	C	B
EA7CWA	3,000	38	25	A	B	M0SDX	LZ2A	8,400	78	28	C	B
EA3FF	1,892	45	22	B	A	G0WMMW	LZ4UU	7,500	75	25	C	B
EA5AJX	13,056	136	48	B	B	G0MTN	LZ9R (LZ3YY, op)	3,948	47	21	C	B
EA7BHO	6,992	92	38	B	B	G0AEV	LZ1EP	2,688	48	14	C	B
EA1BIM	6,240	105	30	B	B	G3VAO	LZ1RGM	988	19	13	C	B
EA1TI	4,774	77	31	B	B	G0EYO	LZ9V	26,400	165	40	C	C
EA1AAW	4,200	78	28	B	B	G3RAU						
EA3AKA	4,100	83	25	B	B	G3YMC						
EA4DAT	3,264	70	24	B	B	G3RSD						
EA5AAJ	3,078	58	27	B	B	G3ZRJ						
EA7EWX	2,142	52	21	B	B	M7M (G0CKP, op)						
EA3FHP	696	29	12	B	B	96,064 319 76 C C	<b>Finland</b>					
EA5GFK	280	14	10	B	B	8,400 71 30 C C	OH6NIO	4,368	45	26	A	C
EA7HE	272	17	8	B	B	3,680 40 23 C C	OH9GIT	340	18	10	B	B
EA4WC	180	15	6	B	B	G0VQR	OH4MDY	15,352	101	38	C	B
EA1DBC	120	12	5	B	B	G4VXE	OH1MM (+packet)	2,964	34	26	D	
EA7RU	85,500	454	95	B	C	<b>Scotland</b>	<b>Czech Republic</b>					
EA1DDO	17,160	166	52	B	C	MM0BSM	OK1KZ	2,720	41	20	A	B
EA3CCN	8,136	120	36	B	C		OK1MU	27,144	153	58	A	C
EA7AAW	16,692	109	39	C	A	<b>Wales</b>	OK1DVK	5,440	41	40	A	C
EA5YU	120,744	354	86	C	B	GW4ALG	OK2BEN	182	13	7	B	B
EA7NK	44,220	204	55	C	B	<b>Hungary</b>	OK1DKR	3,360	43	20	C	B
EA4BF	19,264	118	43	C	B	HA1DAE	OK1TFH	2,160	36	15	C	B
EA7NW	11,284	92	31	C	B	HA1ZV	OK2BRA	720	20	9	C	B
EA2AHZ	10,440	92	29	C	B	HA5OAF	OK1HCG	140	7	5	C	B
EA5VN	5,600	50	28	C	B	HA3LI	OK1ARN	4,788	61	21	C	C
EA4DRV	2,392	46	13	C	B	HA2MN	OK2PDT	3,192	42	19	C	C
EA4OA	2,000	26	20	C	B	HA5PT(+packet)	OK2ABU	1,320	33	11	C	C
EA1CS	1,768	33	13	C	B	<b>Switzerland</b>	<b>Slovakia</b>					
EA7MT	1,040	20	13	C	B	HB9ARF	OM7PY	5,394	50	31	A	C
EA1WX	960	24	10	C	B	HB9CZF	OM7DX	9,768	66	37	C	A
EA4KA	83,232	310	68	C	C		OM0TT	1,232	28	11	C	A
EA5FID	57,960	212	69	C	C		OM8HG	364	14	7	C	B
<b>Balearic Islands</b>							<b>Belgium</b>					
EA6TU	48	6	4	B	B	<b>Italy</b>	ON5SV	396	13	9	A	B
<b>Ireland</b>						I0QM	ON4CIN	896	32	14	B	B
EI4CF	11,704	91	38	A	B	I2SVA	ON4AUP	812	29	14	B	B
EI6JK	960	34	15	B	B	IK2UICK	ON4AEB	10,560	89	30	C	A
EI2JD	2,112	50	22	B	C	IK5KAP	ON4XG	7,772	67	29	C	B
EI4BZ	27,176	161	43	C	C	IK5RUP	OT4A (ON7DTI, ON4ASB, ON6UM, ON4PH, ON6MR, ON6QX, ON6LK, ops)	52,614 253 79 D				
<b>Moldova</b>						IZ1DGG	OR4N (ON4ACA, ON5GY, ON4DSQ, ON6UQ, ON6LY, ON2CP, + op)	12,232	124	44	D	
ER3GS	418	20	11	B	B	IT9ESW						
<b>Estonia</b>						IZ2FOS						
ES5TV	35,358	250	71	B	C	IZ2FDU						
ES4MM	1,012	23	11	C	A	IZ4DYQ						
ES2DJ	1,200	25	12	C	B	IK4QJM						
ES2JL	11,220	85	33	C	C	IZ5DKF						
<b>Belarus</b>						IK2WFN						
EW6MM	432	15	8	A	B	IK7RVY						
EW2AA	15,664	101	44	A	C	IZ8FCA						
EW1ABF	30	5	3	B	B	IT9STX						
EW6CU	2,016	26	18	C	A	IT9SSI						
EW6AW	364	15	7	C	B	I4UFH						
EW8EW	23,352	139	42	C	C	IT9RBW						
EW7KR	600	25	6	C	C	IR8P						
<b>France</b>						IK2SAU						
F8DNX	1,830	44	15	A	B	IT9ORA						
TM5A	16,422	138	51	A	C	IT9GXE						
F5NBX	5,270	55	31	A	C	IK1QBT						
F4CDJ	2,162	51	23	B	A	IQ0AP (IK0DWN, I0HJN, IK0BZE, IK0PRP, IK0YQJ, I0KNQ, ops)						
F5LIW	5,280	82	33	B	B	IR8C (IK8WEJ, IZ0BTV, IZ8EDJ, IZ8EZF, IW8EQS, ops)						
F1FNQ	4,620	78	30	B	B							
F4DBJ	4,160	66	32	B	B	<b>Sardinia</b>						
F4ECQ	1,656	46	18	B	B	IS0RDY						
F4BHW	20,976	186	57	B	C	<b>Norway</b>						
F6KCP (F5VHN, op)	20,130	185	55	B	C	LA5JX						
F6HKA	46,492	201	59	C	B	LA6PB						
F6HJO	23,320	117	53	C	B	<b>Luxembourg</b>						
F6FJE	12,320	88	35	C	B	LX1NO						
F8AKC	8,520	74	30	C	B	LX5A (KT8X, LX1RQ, LX1ER, ops)						
F8AAN	4,560	59	20	C	B	141,372 363 119 D						
F5QF	4,320	46	24	C	B	<b>Lithuania</b>						
F5UKL	4,116	50	21	C	B	LY2TE						
F6FTB	968	22	11	C	B	LY3UM						
TM4Q (F6FYA, op)	80,352	294	72	C	C	LY3BH						
F5IN	30,992	152	52	C	C	LY2IC						
F6KNB (F1DHX, F1JRD, F4CIB, F5MKN, F6DZO, ops)	231,552	541	144	D		LY2LF						
						<b>Bulgaria</b>						
						LZ2HM						



<b>East Kiribati</b>				<b>Netherland Antilles</b>				N1ALO 5,346 83 33 B B			
T32CK (K6SRZ, N6TQS, ops)				PJ4Z (WW4LL, K4BAI, ops)				KA1EZH 4,144 78 28 B B			
1,624 55 14 D				2,054,444 2864 239 D				K1VU 2,352 49 24 B B			
<b>Australia</b>				PJ2T (W0CG, WB9Z, ops)				KB1HDO 162 9 9 B B			
VK4FJ 11,618 159 37 B B				1,780,480 3032 208 D				W1RY 28,380 215 66 B C			
VK2CZ 136,024 697 98 B C				<b>Brazil</b>				N1DC 36,200 183 50 C B			
VK2GWK 83,332 506 83 B C				PY2NY 27,974 131 71 A A				WO1N 10,692 81 33 C B			
VK4HF 82,544 540 77 B C				PY2XC 50,540 187 95 A B				W1MX (KF4KJQ, KB1CGZ, ops)			
VK4CZ (VK4JSR, op)				PY3OL 45,264 170 92 A B				11,304 157 36 D			
VK4SN 15,456 140 56 B C				PR7AB 19,470 110 55 A B				K1RV (+packet) 8,432 68 31 D			
VK8AV 59,596 321 47 C B				PY2LEC 500 17 10 A B				WZ1K(+N1DPY) 1,248 29 12 D			
VK4TT 42,188 200 53 C B				PS2E (PY2EX, op)				<b>Maine</b>			
VK7GN 24,840 139 45 C B				285,650 631 145 A C				N1LW 43,860 196 85 A B			
YB0DPO 4,074 50 21 A B				ZX2B (PY2MNL, op)				W1LEE 4,860 53 30 A B			
YC9WZJ 1,332 38 18 B B				366,656 1353 136 B B				K1DRV 420 12 10 A B			
<b>Indonesia</b>				PU2WDX 71,760 394 92 B B				K1JB 16,720 104 55 A C			
ZL1TM 252,434 553 133 A B				PY2DJ 33,872 237 73 B B				AC1O 25,792 129 52 C C			
ZL1ALZ 176,550 531 107 A C				PY2BK 28,644 223 66 B B				<b>New Hampshire</b>			
ZL3TE (W3SE, op)				PW8OO 23,600 210 59 B B				KA1LMR 16,268 127 49 A A			
250,200 706 90 C B				PY5ZD 17,556 137 66 B B				KZ1O 20,586 135 47 A B			
ZL3GA 12,284 83 37 C B				PP5BZ 13,068 122 54 B B				KA1CJI 8,740 72 38 A B			
ZL2BR 371,212 910 103 C C				PY5TJ 5,120 70 40 B B				AC1J 7,672 100 28 A C			
ZL1V (ZL1CT, ZL2BSJ, ops)				PY2BRZ 2,800 53 28 B B				W1UR 5,320 72 38 B C			
1,568,916 2186 219 D				PR7AYE 1,804 43 22 B B				WV1G 3,120 61 26 B C			
<b>South America</b>				PY3CGX 1,350 31 27 B B				AA1CA 35,088 172 51 C A			
<b>Chile</b>				PU5MHZ 504 19 14 B B				KG1V 31,824 158 51 C B			
XQ4ZW 41,340 174 65 A B				PY6KY 342 19 9 B B				K1TR 19,240 130 37 C B			
CE6TBN 33,784 178 82 A B				PR7AP 96 8 8 B B				W1END 15,096 102 37 C B			
CE4PBB 235,222 1089 109 B C				PY7VI 30 5 3 B B				W1ECT 71,288 268 67 C C			
CE3NR 149,586 705 107 B C				PY2TO 437,648 1622 136 B C				N1IW (+packet)			
CE5GO 1,350 27 25 B C				PY3PA 59,360 433 70 B C				139,548 412 87 D			
CE3BFZ 35,568 172 52 C C				PY2MTV 57,672 330 89 B C				<b>Rhode Island</b>			
<b>Uruguay</b>				PY5KD 5,106 70 37 B C				K1VVSJ 7,420 70 35 A B			
CX2AQ 427,310 753 173 A B				PY3CAL 3,920 57 35 B C				W1WIU 3,886 48 29 A B			
CX1AV 279,030 1075 131 B B				PY5JO 930 31 15 B C				NY1Q (N1HRA, op)			
CX9AU 494,564 1047 119 C B				PY3MSS 612 19 17 B C				2,400 46 20 A B			
CX5BW (+CX6VM, CX7BY, CX7CO, CX4DX, CX5EM, LU1F)				PY1WX 102,416 354 74 C A				K1MO 8,712 91 44 A C			
2,531,694 3020 267 D				PY2QA 5,568 48 29 C A				KO1H 18,480 167 56 B A			
<b>Colombia</b>				PY2NA 103,648 333 79 C B				KB1KA 8,256 134 32 B B			
HK3AXY 40,256 275 74 B B				PY3AU 74,568 244 78 C B				N1NK 31,784 137 58 C B			
<b>Argentina</b>				PY4FQ 29,784 149 51 C B				W1VET 21,120 128 44 C B			
LU5EML 880,000 1492 220 A B				PY1MK 21,056 112 47 C B				<b>Vermont</b>			
LU2EE 724,890 1096 219 A B				PY7OJ 1,440 24 15 C B				KA1BSZ 525 50 7 A B			
LU7VCH 144,504 675 108 B A				ZX3S (PY3NZ, PY3KN, PY3YD, PY3XX, PY3CQ., ops)				K1KD 80,784 252 102 A C			
LW3DX 96,928 483 104 B A				1,065,376 1646 197 D				N1BQ 3,536 68 26 B A			
LU1VK 76,440 390 98 B A				PR7AA (PR7AR, PR7AF, ops)				W1SJ 50,078 346 73 B C			
L20E 52,104 337 78 B A				190 11 5 D				K2LE 176,220 499 89 C C			
LV5V 422,940 1603 133 B B				<b>Venezuela</b>				AA1VT (AA2DY, KC1MP, KD1DP, KK1VT, W1KR, ops)			
LU4DX 407,712 1492 137 B B				YV5KG 40,066 233 67 A B				19,364 121 47 A B			
LU1FS 302,514 1200 127 B B				YV5TX 52,700 427 62 B B				K1DNX 5,518 63 31 A B			
LW7DUC 254,422 1081 119 B B				YV6BTF 47,880 353 70 B B				N1RL 2,754 35 27 A B			
LQ5H (LU3HS, op)				YV5IAL 846 48 9 B B				K5ZD 43,896 193 62 A C			
246,540 1193 105 B B				4M5DX (YV5SSB, op)				W1KT 35,256 227 78 B B			
LU5FII 230,860 984 119 B B				YV7QP 189,672 1143 84 B C				KX1X 4,480 80 28 B B			
LU8EOT 95,604 520 93 B B				YV4A (YV5AMH, YV5ANT, ops)				AK2P 173,400 857 102 B C			
LW1HDJ 94,866 496 97 B B				11,904 97 32 C B				W1TO 5,760 47 32 C B			
LV0N (LU2NI, op)				314,356 794 103 D				AA1JD (+NC1M, AA1LH)			
89,760 442 102 B B				<b>1</b>				398,544 903 152 D			
LU6HPF 39,900 294 70 B B				<b>Connecticut</b>				<b>2</b>			
LR1J 26,520 227 60 B B				K5GMX 27,216 141 54 A A				<b>Eastern New York</b>			
LU1ARG 84 7 7 B B				AA1ZT 63,700 235 91 A B				K2TA 7,112 69 28 A A			
LU1HF 850,014 2690 159 B C				W1JQ 50,220 190 81 A B				N2EK 18,232 106 53 A B			
AY8A (LU8ADX, op)				NX1Q 23,040 120 60 A B				KC2IRO 80 7 5 A B			
505,160 1739 146 B C				W1VB 4,524 55 29 A B				WA2JQK 134,904 363 132 A C			
LU1NDC 271,170 1048 131 B C				KC1V 3,840 48 24 A B				WT4Q 3,480 47 29 A C			
LW5DR 45,640 175 70 C A				KA1VMG 3,796 49 26 A B				N2KTV 272 14 8 A C			
LU1EWL 474,696 1041 114 C B				NN1N 36 3 3 A B				N4ZHG 2 1 1 B A			
LW1EXU 435,024 1022 108 C B				W1AMF 22,814 145 61 A C				KA2CYN 14,628 161 46 B B			
LT1F (LU1AEE, LU1FAM, LU1FKR, LU2FM, LU5DX, ops)				K1BV 19,068 138 42 A C				N2VZA 4,340 70 31 B B			
2,465,300 2836 277 D				W1AIR 10,508 142 37 B B				WA2UET 4,140 69 30 B B			
LR2F (LU2FA, LU5FF, LW7DX, LW9DA, ops)				K1CEC 468 26 9 B B				N2MTG 2,450 49 25 B B			
1,999,200 2560 255 D				N8RA 130,474 734 89 B C				KC2HZW 320 16 10 B B			
LT7W (LU1WBM, LU1WI, LU5WW, ops)				AB1BW 2,700 50 27 B C				K3QDV 20,864 168 64 B C			
1,405,994 1890 241 D				W3EP 169,988 478 91 C B				NA2M 1,584 36 11 C B			
LP0H (LU7HN, LU7HF, ops)				W2JU 57,600 228 64 C B				W2RE 34,408 190 46 C C			
1,258,880 2097 224 D				W1RM 27,248 134 52 C B				N2BZP 640 17 10 C C			
LU7YS (+LU1YNE)				K1KAV 16,380 107 39 C B				W2GB(+W2AU) 82,500 282 75 D			
400,568 966 161 D				W1WEF 19,584 105 48 C C				K2SX(+packet) 39,648 181 56 D			
<b>Peru</b>				NZ1U (KB1H, op, + packet)				WA2MMX (+KC2MWD, N2USM)			
OA4AHW 7,280 93 40 B C				136,770 398 97 D				9,900 115 45 D			
<b>Eastern Massachusetts</b>				<b>Eastern Massachusetts</b>				<b>NYC-Long Island</b>			
W1VIV 50,400 207 75 A B				W1VIV 50,400 207 75 A B				WB2AMU 6,396 72 26 A A			
K1RB 7,548 65 37 A B				K1RB 7,548 65 37 A B				K2Z (KD2RD, op)			
K1PNQ 3,834 48 27 A B				K1PNQ 3,834 48 27 A B				243,388 565 142 A B			
KB1FRK 1,122 35 17 A B				KB1FRK 1,122 35 17 A B				91,584 277 106 A B			
W1XS 588 21 14 A B				W1XS 588 21 14 A B							
K1YA 34,580 179 65 A C				K1YA 34,580 179 65 A C							
W6ZF 5,544 62 33 A C				W6ZF 5,544 62 33 A C							
W1DYJ 9,492 116 42 B B				W1DYJ 9,492 116 42 B B							
KA1AMR 7,344 102 36 B B				KA1AMR 7,344 102 36 B B							

N2UN	36,608	176	64	A	B	W3AP	11,250	74	45	A	C	K4WI (+KV4T, KS4YT)					
WB2BXO	27,328	142	61	A	B	N3KN	4,450	51	25	A	C		550,766	1220	167	D	
N2MUN	13,622	125	49	A	B	WA3ELQ	4,800	79	32	B	B						
K2TV	4,872	56	29	A	B	N3JVP	2,842	51	29	B	B	<b>Georgia</b>					
K2IZ	3,276	41	21	A	B	N3EMF	9,768	132	37	B	C	NA4BW	42,924	198	73	A	A
KC2LYQ	25,760	163	56	A	C	NY3A	193,140	558	87	C	B	K4AQ	21,828	132	51	A	A
W3MMM	54,386	389	71	B	B	K3NK	63,336	274	58	C	B	N4NX	54,464	188	92	A	B
WB2ZTH	16,320	139	60	B	B	N3ST	43,456	198	56	C	C	KD3GC	28,674	243	59	A	B
KS2G	12,874	160	41	B	B	K3QIA	24,192	129	48	C	C	N4WD	18,096	127	52	A	B
K2DUX	6,438	87	37	B	B	N3NZ	1,800	30	15	C	C	K4LW	7,560	66	36	A	B
KC2JRQ	850	25	17	B	B	N3IVT	576	16	9	C	C	KG4QGD	4,640	85	29	A	B
N2RI	17,760	114	40	C	B	K3SV (+packet)	60,776	214	71	D		NQ4I (VE7ZO, op)					
AG2A	17,024	113	38	C	B	KF3M (KB3ETX, KB3FUW, KG3N, N3LSY, W3CQB, WA0OJS, op)	13,728	129	48	D			1,130,634	1798	207	A	C
WB2ART	12,648	96	34	C	B							K4EA	774,984	1356	196	A	C
NY2L (+N5MM)	21,774	133	57	D								W4GKF	37,296	300	63	B	B
						<b>Maryland-DC</b>						WA4VJC	11,676	147	42	B	B
<b>Northern New Jersey</b>						K3TW	37,488	177	66	A	A	KF4MK	5,928	78	38	B	B
N2XP	14,040	103	45	A	A	K2PS	103,626	320	101	A	B	W4AMP	1,428	36	21	B	B
N2ED	24,930	149	45	A	B	A13M	87,688	280	97	A	B	N4ZRA	750	27	15	B	B
K2YLH	15,520	108	40	A	B	W4EE	54,300	242	75	A	B	K4PIC	19,764	162	61	B	C
WA2PIP	8,346	63	39	A	B	WA3KYY	28,448	154	56	A	B	KU8E	42,700	181	61	C	B
N2ZU	7,056	65	36	A	B	K3KU	24,100	129	50	A	B	N4XMX (+packet)	8	2	1	D	
WA2BMH	3,300	40	25	A	B	NF3R (K3ASK, op)											
W2BVH	1,122	26	17	A	B		14,040	110	45	A	B	<b>Kentucky</b>					
WA2VQF	792	21	11	A	B	W2GG	13,950	99	45	A	B	K4WW	49,494	203	73	A	B
W2RQ	161,394	398	111	A	C	K3YDX	10,320	79	43	A	B	N4KZ	31,590	209	65	A	B
N2HMM	11,500	116	50	B	B	W3DQ	10,168	113	31	A	B	KG4ZXP	5,040	59	42	A	B
K2SAB	8,282	103	41	B	B	W3MR	9,202	86	43	A	B	KE4TJZ	24	4	4	B	A
K2ZB	2,208	48	24	B	B	N3XL	3,200	43	20	A	B	KD4HXT	18,368	226	41	B	B
AB0OX	1,406	37	19	B	B	W3FAY	204	9	6	A	B	KD4ULE	8,904	107	42	B	B
WA2BKN	682	31	11	B	B	K3ZO	400,608	893	156	A	C	WB4QNG	2,760	61	23	B	B
N2LJ	36	6	3	B	B	W9GE	57,960	214	92	A	C	KU4UV	1,020	31	17	B	B
N2EOC	131,480	704	95	B	C	W6AAN	15,504	121	51	A	C	WB7D	988	28	19	B	B
N2NHN	20,176	196	52	B	C	W3HVQ	10,000	81	40	A	C	KG4OCJ	32	4	4	B	B
K2JT	6,432	67	24	C	A	WA3G	3,942	74	27	A	C	KD9B	288	12	6	C	A
W2JEK	2,016	36	14	C	A	W3FQE	2,006	34	17	A	C	KM4FO	27,968	153	46	C	B
KR2Q	1,080	27	10	C	A	W3LL	22,260	214	53	B	B	KC4WQ	21,976	137	41	C	B
N2GM	54,064	218	62	C	B	AB3BQ	32	4	4	B	B	N4GN (+K9GX, +ops)					
W2LHL	38,752	173	56	C	B	W3LPL (AC5RR, op)							566,568	1007	183	D	
WB2AA	31,616	153	52	C	B		202,952	1108	92	B	C	<b>North Carolina</b>					
W2VQ	15,400	113	35	C	B	N3HBX	135,024	700	97	B	C	K4GHS	71,392	256	97	A	B
N2MH	9,720	90	27	C	B	K4CGY	65,254	417	79	B	C	N2BT	16,120	101	52	A	B
NJ3C	4,080	52	20	C	B	4U1WB (AJ3M, op)						K0BHC	464	18	8	A	B
NR2I	128	8	4	C	B		11,304	158	36	B	C	N4CW	298,990	589	145	A	C
AB2DE (KC2AVE, N2KPB, KB2YJT, ops)						K6PFA	1,404	39	18	B	C	N4XD	104,448	425	102	A	C
	115,884	419	111	D		WB8YYY	6,148	54	29	C	A	NX9T	49,224	195	84	A	C
N2WM	4,828	49	34	D		NS3T	69,888	275	64	C	B	NO4FX	1,496	35	22	B	A
						W3CB	46,740	205	57	C	B	K4TMC	36,448	274	67	B	B
<b>Northern New York</b>						K3STX	15,400	111	35	C	B	WB2RHM	35,242	264	67	B	B
NG2C	714	21	17	B	B	KF3CV	336	14	6	C	B	W2DZO	7,688	125	31	B	B
W2IB	4,320	51	24	C	B	N3UM	149,364	464	81	C	C	WB4Y	7,488	97	39	B	B
						W3MC	49,680	207	60	C	C	N4IOZ	3,432	67	26	B	B
<b>Southern New Jersey</b>						W3DOS (K3TW, op)						W4WNT	3,420	58	30	B	B
N2NGW	12,900	134	50	B	B		33,712	199	43	C	C	W4CWA	5,928	57	26	C	A
K2BL	1,178	33	19	B	B	N3AM	12,636	83	39	C	C	WA4DOU	83,628	304	69	C	B
K2RET	870	30	15	B	C	N3OC (+WX3B)						AA4FU	35,496	174	51	C	B
N2CQ	5,376	49	28	C	A		425,182	872	167	D		AE4EC	2,160	41	15	C	B
K1JT	49,920	196	65	C	B	K3DI (+W3ICM, W3UL)						N4NTO	1,196	23	13	C	B
K2MK	17,056	104	41	C	B	N3UM	405,790	890	155	D		N4AF	226,644	565	101	C	C
K2UR	13,468	92	37	C	B	K3NCO (+W3LJ)						K4SV	99,648	348	72	C	C
WA2VQV	6,148	53	29	C	B		68,000	240	85	D		K4QPL	16,236	99	41	C	C
N2MM	303,584	725	106	C	C	WI2T (+WA3OFF, W3RFC)						K3KO (+packet)					
N2RM (+N2NC)							17,066	116	53	D			124,488	314	114	D	
KD2I(+NQ3N)	220,242	501	141	D		W3AZ(+packet)	15,392	106	37	D							
						N3HS (+packet)	4,350	58	25	D			114,534	383	101	D	
						<b>Western New York</b>											
WB2HJV	34,000	150	68	A	B	K3DE	65,184	225	97	A	B	NT4D (+W4KAZ)					
W2TZ	10,168	81	41	A	B	N3GJ	24,320	120	64	A	B		56,072	219	86	D	
N2OPW	2,288	36	22	A	B	KN3A	132	10	6	A	B	N8XT (+K14IND)	9,384	104	46	D	
K1PY	1,692	47	18	A	B	W4ZE	13,020	89	42	A	C	W3GQ (+packet)	5,376	56	32	D	
W2CXM (WO9S, op)						WB0IWG	1,008	37	14	B	A	NT4P (@NC4DP) (+packet)					
	14,178	95	51	A	C	K3RWN	4,032	65	32	B	B		1,444	39	19	D	
KC2GEP	5,576	82	34	B	B	WB3LKO	3,726	69	27	B	B	<b>Northern Florida</b>					
N2LQQ	140	10	7	B	B	N3MBC	1,292	34	19	B	C	K9OM	354,090	814	145	A	A
AF2K	56,400	376	75	B	C	K3WWP	3,724	50	19	C	A	W8EHH	5,440	54	32	A	A
K2SM	19,080	111	45	C	A	WB3DPS	2,220	39	15	C	A	K4IK	261,072	564	148	A	B
WB2DVU	11,200	80	35	C	B	W3BBO	50,640	212	60	C	B	N4EK	202,120	676	124	A	B
K2FU	97,500	329	75	C	C	N3LL	33,456	167	51	C	B	W1MO	109,890	326	99	A	B
W2FUI	20,608	112	46	C	C	W3WH	448	14	8	C	B	K4JAF	68,552	419	82	A	B
												W4EBA	62,264	210	86	A	B
<b>3</b>						<b>4</b>						W6FC	43,344	236	84	A	B
<b>Delaware</b>						<b>Alabama</b>						NF4A	37,642	206	59	A	B
NY3C	48,944	241	76	A	B	W4DEC	89,880	308	84	A	A	N4PN	1,086,408	2087	191	A	C
W3PP	6,858	72	27	A	C	K4ZGB	274,512	731	133	A	B	K4PV	809,416	1714	166	A	C
KT3W (+W3PP)	46,170	287	81	D		W4NBS	82,824	294	87	A	B	W7QF	140,778	386	99	A	C
						AF4OD	15,768	135	54	A	B	K1UM	117,312	405	104	A	C
<b>Eastern Pennsylvania</b>						K2SC	4,806	66	27	A	B	K4DDR	35,568	161	76	A	C
WA3IIA	67,462	221	89	A	B	K14ACW	66,314	472	71	B	B	KV1P	21,842	169	67	B	B
W3DZH	8,536	69	44	A	B	W4RJ	119,880	740	81	B	C	A14CO	14,076	142	51	B	B
AA0CY	1,652	31	14	A	B	AG4W	44,640	361	62	B	C	N2QCE	12,036	122	51	B	B
WC3A	80	10	4	A	B	K5GM	912	19	12	C	B	K1HG	9,212	97	49	B	B
WE3C	700,780	1178	185	A	C	W4NTI	12,600	92	35	C	C	W4JSW	6,612	89	38	B	B
W3PT	37,740	192	85	A	C							W9CNF	2,240	40	28	B	B

W4GFQ	1,950	39	25	B	B	N4JED	50,962	226	83	A	B	<b>5</b>							
N4OX	423,792	1966	108	B	C	WA4JUK	47,600	196	70	A	B	<b>Arkansas</b>							
WJ9B	298,180	880	85	C	B	W2YE	41,400	204	75	A	B	W5MK	153,664	540	98	A	B		
KN4Y	236,800	809	74	C	B	NW4V	39,116	199	77	A	B	W1KLM	21,330	239	45	B	A		
KE1F	48,168	229	54	C	B	K4GM	15,662	100	41	A	B	W3TZ	7,644	96	42	B	C		
K1AA	36,240	157	60	C	B	K4FTO	10,742	77	41	A	B	KG5NE (+packet)							
W3TMZ	21,320	132	41	C	C	N4VA	9,976	92	43	A	B		34,650	225	77	D			
K0LUZ (+packet)						K4EVH	9,200	89	46	A	B								
N4WW (+packet)	355,376	721	152	D		N3QT	4,590	51	27	A	B	<b>Louisiana</b>							
	16,068	104	39	D		K3MZ	4,002	46	29	A	B	W5WZ	1,024	22	16	A	A		
						WA4FXX	464	21	8	A	B	K15XP	25,288	170	58	A	B		
						KM4M (W3BP, op)						W5WMU	872,608	1749	176	A	C		
<b>South Carolina</b>							175,200	492	100	A	C	NA5Q	18,126	109	53	A	C		
AF4OX	170,404	434	113	A	B	N4MM	151,420	471	134	A	C	W5CTV	1,482	40	19	B	B		
WE4YL	80,496	316	72	A	B	WK4Y	127,452	368	114	A	C	KZ5D	244,020	753	83	C	C		
AA4SC	38,220	193	78	A	B	W4YE	118,560	328	104	A	C								
AA4V	365,296	748	158	A	C	K4VV	97,388	323	97	A	C	<b>Mississippi</b>							
K4OH	12,000	112	48	A	C	K3ZM	94,864	319	98	A	C	W5UE	333,312	835	124	A	B		
KR1ST	22,444	182	62	B	A	NC4S	59,670	245	85	A	C	N5PU	43,212	173	78	A	B		
N7YP	18,684	173	54	B	A	N4BC	46,720	196	80	A	C	N15F	24,720	125	60	A	C		
KG4IGC	16,112	156	53	B	A	W4HJ	25,272	135	52	A	C	N5KGY	45,150	301	75	B	B		
KI4AOC	6,160	88	35	B	B	WD4LBR	5,092	63	38	A	C	WQ5L	31,820	186	43	C	B		
K4DLJ	107,200	406	67	C	B	K4WNW	4,092	63	33	A	C								
W4MEL (+K3IXD)						K4PZC	37,164	328	57	B	B	<b>New Mexico</b>							
	299,736	766	138	D		KA8Q	24,840	208	60	B	B	W5GZ	37,950	197	69	A	A		
						N4DWK	4,104	58	36	B	B	N5PR	23,484	129	57	A	B		
						KU4FP	3,192	58	28	B	B	NA5S	427,840	1035	160	A	C		
<b>Southern Florida</b>						K4UL	384	18	12	B	B	KC0LFQ	442	17	13	B	B		
NA4CW	25,760	143	56	A	B	N4NW	103,040	565	92	B	C	K5PAX	98	7	7	B	B		
K4RFK	10,848	77	48	A	B	KB4OLM	82,056	529	78	B	C	N2ALE	4	2	2	B	B		
K8NZ	10,800	79	40	A	B	K4AF (K9QQ, op)						N1IRZ	5,016	58	22	C	A		
N8PR	248,374	538	157	A	C		1,972	59	17	B	C	W5TTE	532	20	7	C	A		
N4KK	156,152	407	131	A	C	N4IJ	34,100	157	55	C	A	K5TA	5,400	54	25	C	C		
K4PB	147,500	393	118	A	C	K4ORD	30,720	161	48	C	A	KK5OV (+KB5ZSK)							
WB2QLP	61,710	273	85	A	C	N4ROA	16,960	106	40	C	A		3,596	60	31	D			
WA8QYJ	45,866	330	71	B	B	K2EKM	14,136	115	31	C	A								
K4ADR	22,704	175	66	B	B	K4UK	3,996	41	27	C	A	<b>North Texas</b>							
K9ES	2,400	44	30	B	B	KI4FWE	1,872	37	13	C	A	WA8ZBT	92,916	322	87	A	A		
K4MM	212,364	1046	102	B	C	K4GMH	59,760	260	60	C	B	WD5K	376,868	896	142	A	B		
NJ2F	107,184	641	84	B	C	K4EU	57,112	243	59	C	B	W0VX	45,360	198	72	A	B		
KG4FSN	4,592	44	28	C	A	K4RDU	46,368	208	56	C	B	K5UN	258,440	546	140	A	C		
K1PT	310,072	793	98	C	B	K4IA	22,656	119	48	C	B	K5SF	24,648	141	52	A	C		
W4KPG	4,144	37	28	C	B	K14FDF	10,200	88	30	C	B	KD5OWO	4,408	80	29	B	B		
N4BP	393,204	1061	93	C	C	WA4PGM	7,840	70	28	C	B	N0RQ	3,000	50	30	B	B		
K4WJ	28,196	134	53	C	C	K6ETM	3,200	40	20	C	B	K5SP	360	17	12	B	B		
WN1GIV (N4BP, op)						N3CKI	2,520	42	15	C	B	WA5WJY	18	3	3	B	B		
	1,760	40	11	C	C	NI1N	140,144	462	76	C	C	N5TY	111,216	669	84	B	C		
W4MOT (N4II, N4CU, K4XF, ops)						N3JT	50,032	214	59	C	C	AA5WH	127,300	477	67	C	B		
	285,840	684	120	D		K1KO	46,592	227	52	C	C	N5CHA	72,664	298	62	C	B		
W4ARM (+packet)						N4GSD	1,320	23	15	C	C	KA5DWI	19,136	104	46	C	B		
	111,836	386	73	D		K1SEI(+K4ZW)	643,356	1100	189	D		WA5MUF	15,096	102	37	C	B		
AA4RX(+K8NZ)	80,678	320	107	D		W4MYA (+packet)						AK5X	8,736	82	28	C	B		
WT5L(+packet)	29,536	135	71	D			587,520	1013	192	D		N5NJ	5,600	57	25	C	B		
						N4RV (+packet)						K5BG	3,276	40	21	C	B		
							304,880	705	148	D		N1XS	3,116	41	19	C	B		
<b>Tennessee</b>						N4HB (+W4RCB)						W5FO	237,096	675	89	C	C		
W04O	225,944	612	122	A	B		116,164	391	113	D		WW5R (W5BL, KA5CJJ, ops)							
W4SK	69,384	246	98	A	B	W4JAM (+packet)						136,396	400	122	D				
W4TDB	27,690	153	65	A	B		12,000	120	50	D		AD5OW (+KB5VPR)							
K4TRH	15,600	312	50	A	B	<b>West Central Florida</b>							44,148	213	78	D			
WA4OSD	9,928	88	34	A	B	K4GKD	141,636	394	111	A	B	KD5VVI (N5AUI, KD5ZKI, + ops)							
N4TN	5,280	61	22	A	B	N4TO	20,286	109	63	A	B		5,974	104	29	D			
N1WI	2,236	38	26	A	B	WR3Y	19,370	112	65	A	B	<b>Oklahoma</b>							
W4BCG	864	19	16	A	B	K4CC	4,212	53	26	A	B	K0CIE	63,796	226	82	A	B		
N4ZZ	203,490	565	119	A	C	AD4YQ	3,392	44	32	A	B	NE0P	57,594	209	87	A	B		
KM4H	25,632	102	72	A	C	W4E	1,247,536	2157	206	A	C	W5ZT	1,496	34	22	A	B		
W2OO	10,240	82	40	A	C	W4ZW	98,098	317	91	A	C	N5OHL	3,990	51	35	A	C		
KE4OAR	1,836	37	17	A	C	K4LQ	54,020	204	74	A	C	AF5Q	9,152	110	44	B	B		
W6DSQ	16,356	174	47	B	B	WX4G	2,622	41	19	A	C	KD5TXL	1,280	32	20	B	B		
KI4BIY	6,160	90	35	B	B	N2EGO	11,904	125	48	B	B	WA9AFM	864	28	16	B	B		
K4BP	1,748	39	23	B	B	K8OSF	9,844	108	46	B	B	WA5XNE	1,976	38	26	B	C		
N4JHM	840	28	15	B	B	WA4EEZ	7,040	82	44	B	B	K5KA	80,352	326	62	C	B		
W4OGG	336	24	7	B	B	K8FK	6,150	76	41	B	B	N5DY	23,256	171	34	C	C		
W4PV	35,588	291	62	B	C	K3ESS	2,856	51	28	B	B	W5BLW (N0IRW, W5FLW, ops)							
K4JNY	6,790	99	35	B	C	NA4AR	1,344	47	16	B	B		1,224	35	18	D			
NU4B	3,520	41	22	C	A	K4XS	98,084	794	62	B	C	<b>South Texas</b>							
W4HZD	30,832	195	41	C	B	WB2LEZ	26,398	199	67	B	C	NZ5G	24,192	127	63	A	B		
K4LTA	25,576	140	46	C	B	K4OJ (N4KM, op @W1YL)						K5IX	20,520	126	57	A	B		
N4IR	23,552	128	46	C	B		419,040	1167	90	C	B	K5EJL	5,800	52	29	A	B		
K1GU	11,200	80	35	C	B	WK2G	312,576	895	88	C	B	KA5EYH	2,912	47	28	A	B		
K4BX	4,800	50	24	C	B	WD4AHZ	275,964	797	87	C	B	N5VYS	12,720	143	40	A	C		
N2WN	2,232	33	18	C	B	WB4TDH	273,792	745	92	C	B	WD5FGZ	5,576	82	34	B	A		
W9WI	133,196	505	67	C	C	K9HUY	166,628	544	77	C	B	KC5YKK	44,196	383	58	B	B		
AA3VA	4,048	49	22	C	C	W0PV	20,200	101	50	C	B	WA5IYX	34,220	297	58	B	B		
NO4Q (NY4N, NN5A, ops)						N4T8	225,920	711	80	C	C	WB0YEA	8,930	95	47	B	B		
	139,442	418	113	D		W4IR	35,712	145	62	C	C	N5DTT	6,474	83	39	B	B		
WD4OHD (+packet)						NE4AA (K1TO, K6AW, ops)						KD5ZEX	3,100	63	25	B	B		
	80,166	297	93	D			1,676,396	2331	241	D		K5IB	3,068	59	26	B	B		
W4BSF (WA4WMM, KE4RKJ, W4NPL, W5EDQ, ops)						W4/G4BUE (+M0BUE)						KC5QIG	1,824	48	19	B	B		
	10,948	93	46	D			555,450	1102	161	D		W5PR	367,136	1645	112	B	C		
W6UB (+packet)	6,960	59	30	D		W4GAC													



N7BF	5,880	72	21	A	C	K8AJS (+packet)	231,608	502	131	D	K9VER	484	23	11	A	B	
W7MGC	4,930	72	29	A	C	W8LBZ (N8HC, K18BV, AA8M, KC8ULX, K8HLH, N8WXD, W8VMW, ops)					W9VZR	162	9	9	A	B	
N7DM	300	13	6	A	C						W9XT	405,268	922	142	A	C	
WG7X	936	38	13	B	C		11,136	139	48	D	NE9U	15,752	100	44	A	C	
W7RAB (KH7YD, op)											N9NUN	43,736	311	71	B	B	
	20,400	152	34	C	A	<b>West Virginia</b>					WB9PUB	19,140	174	55	B	B	
KB7N	40,600	207	50	C	B	K2UOP	251,258	620	137	A	C	K9BTQ	14,076	157	46	B	B
N6MZ	17,920	128	35	C	B	N8II	138,204	523	99	A	C	KF9US	12,052	133	46	B	B
WB7FJG	12,512	95	34	C	B	K8JQ	55,404	253	57	A	C	K9IAC	4,920	88	30	B	B
W7SYJ	6,696	66	27	C	B	WA8WV	7,956	65	39	A	C	KA9JCP	2,990	65	23	B	B
N9ADG	4,248	60	18	C	B	K8OWL	12,240	100	30	C	A	K9JIG	1,794	39	23	B	B
N7WA	4,160	52	20	C	B	WA8SDA	10,416	93	28	C	B	WB9BWP	60	6	5	B	B
AB7RW	2,376	34	18	C	B	K8OQL	63,504	254	63	C	C	KE9S	62,094	398	79	B	C
N7EIE	476	17	7	C	B	N4ZR(+packet)	62,560	220	85	D		W9JA	18,096	161	58	B	C
AB7CF	36	3	3	C	B							KB9LIE	3,540	61	30	B	C
N6KW	8	2	1	C	B	<b>9</b>						KB9S	122,928	401	78	C	B
N4SL	80,892	329	63	C	C	<b>Illinois</b>						W9AKS	9,636	82	33	C	B
N7BV	58,752	277	54	C	C	WA9BXB	36,210	179	71	A	B	KB9OWD	80	5	4	C	B
N7EPD	25,584	157	41	C	C	KG9N	25,212	131	66	A	B	N9CK	98,088	369	67	C	C
K7LAZ	22,344	153	38	C	C	WA9FIH	23,760	145	54	A	B	AA9PB	24,960	137	48	C	C
N7YX (+N6HR)						W9LYA	16,356	108	47	A	B	K9OSH (+packet)					
	128,576	448	98	D		N9LYE	4,500	62	25	A	B		14,196	95	39	D	
N7KE (KB7N, KB8BO, N6NR, W7QC, W7YED, ops)						N9KHR	1,710	30	19	A	B						
	57,960	249	70	D		W9AFR	1,672	39	19	A	B	<b>0</b>					
N7PP (W7BUN, N7DOE, W7LKG, ops)						KB9TQO	1,300	33	13	A	B	<b>Colorado</b>					
	9,576	174	28	D		AB9H	203,520	581	120	A	C	KB0YH	5,390	67	35	A	A
<b>Wyoming</b>						N9GH	19,360	122	55	A	C	W0ETT	122,436	345	114	A	B
WG7Y	3,078	39	27	A	B	W3HDH	3,848	43	26	A	C	N1SZ	4,212	45	27	A	B
KO7X	190,808	492	122	A	C	K9DXR	12,558	154	69	B	A	N0IBT	1,408	25	16	A	B
<b>8</b>						AA9DY	528	22	12	B	A	KC0TJP	494	19	13	A	B
<b>Michigan</b>						KC9AMM	10,584	127	42	B	B	KR6NA	14,256	133	54	B	B
WD8S	54,450	261	75	A	B	W9NHX	4,698	82	29	B	B	N0VD	68,558	415	83	B	C
K8OT	17,248	104	49	A	B	N5UWY	2,700	54	25	B	B	W0LSD	31,188	227	69	B	C
N8XD	1,430	34	13	A	B	WA9CCQ	2,244	53	22	B	B	N0TK	1,352	27	13	C	A
N8PVL	144	9	8	A	B	WD9GJK	560	29	14	B	B	N0GOS	11,484	88	33	C	B
W8JY	81,576	283	103	A	C	N0ICV	396	12	11	B	B	K0RI	62,048	280	56	C	C
N8RY	22,344	198	57	B	B	N9TUQ	340	17	10	B	B	K0GAS (+KJ0G)					
K8ESQ	8,400	106	40	B	B	W9AVB	208	13	8	B	B		190,620	464	135	D	
K8TNT	4,488	75	33	B	B	K9JS	72	6	6	B	B	K0UK (+K7VT)	40,096	189	56	D	
KC8QLG	180	15	10	B	B	KA9OBZ	30	5	3	B	B	WV7T (+N0QJS, KC0HIP)					
K8CC (N8NX, op)						K9MOT (K9PW, op)							150	14	5	D	
	162,720	914	90	B	C		33,920	265	64	B	C	<b>Iowa</b>					
W8JWN	35,496	265	68	B	C	K9JU	17,220	110	41	C	A	WA0IAF	13,932	91	43	A	B
K8SAK	8,330	120	35	B	C	K9QVB	110,600	397	70	C	B	K0SRL	4,250	64	25	A	B
N8AP	38,976	180	56	C	A	WD9DZV	89,776	365	62	C	B	N0NI	442,470	1002	147	A	C
W8GF	41,580	195	55	C	B	W9ILY	10,788	88	31	C	B	NT0F	20,280	169	60	B	B
W8RU	36,000	150	60	C	B	K9XL	10,064	74	34	C	B	K0GVG	10,710	119	45	B	B
K8GVK	15,416	98	41	C	B	K9OR	8,640	80	27	C	B	W0ETC	105,600	607	88	B	C
N8MR	5,200	50	26	C	B	N9SDT	7,192	65	29	C	B	W0PPF	14,000	140	50	B	C
W8MJ	146,952	477	78	C	C	K9PY	1,760	40	11	C	B	KB0ENE	1,840	40	23	B	C
K8IR	9,860	86	29	C	C	NE9A	720	15	12	C	B	K6MJ	12,432	84	37	C	B
K8BSG (+N8UZE)						W9YYG	68,120	269	65	C	C	KE0FT	7,344	68	27	C	B
	1,936	44	22	D		N9CO	43,896	194	59	C	C	KB0CRG	2,100	35	15	C	B
<b>Ohio</b>						K9UQN	21,056	112	47	C	C	K0IO	85,136	321	68	C	C
N8IE	10,184	95	38	A	A	W9VA	20,056	109	46	C	C	<b>Kansas</b>					
N8WS	5,566	63	23	A	A	N2BJ(+packet)	265,200	678	150	D		N0AG	62,592	257	96	A	B
K8NVR	72,944	269	94	A	B	K9CS (+packet)						K0BJ	17,280	103	54	A	B
K8BL	56,252	204	82	A	B		107,380	292	118	D		K0RY	12,788	88	46	A	B
K8MR	12,556	91	43	A	B	NN9K (+N9BUD, N9YPN, KG9LZ)	36,498	157	77	D		WB0YJT	10,848	102	48	A	B
AF8C	8,040	73	30	A	B	W9RM (+packet)						W0BH	85,904	376	91	A	C
N8CX	2,910	54	15	A	B		15,616	84	64	D		W0CEM	14,874	205	37	A	C
W8XY	320	17	5	A	B	N9MSG (+packet)	2,562	40	21	D		KA0EIC	1,924	37	26	B	B
N9AG (@N8NR)												WA5SWN	1,292	38	17	B	B
	512,080	952	173	A	C	<b>Indiana</b>						KC0DEB	936	27	18	B	B
NS8O	137,358	397	117	A	C	W9AU	111,720	322	114	A	B	K0RH	125,840	723	88	B	C
WA8TNO	69,720	238	105	A	C	WA1MKE	61,380	244	93	A	B	N0KSC	45,962	346	67	B	C
NC8V	33,000	163	75	A	C	W9THD	960	31	16	A	B	N0UJ	35,550	241	75	B	C
K5ZG	19,706	108	59	A	C	KF9SQ	260	15	10	A	B	N0JK	4,536	42	27	C	A
N8XA	18,544	152	61	B	A	W9RE	741,380	1307	190	A	C	WN8P	1,904	28	17	C	B
KC8QAE	10,880	138	40	B	A	W9IU	415,242	872	153	A	C	<b>Minnesota</b>					
W8DD	54,720	364	76	B	B	KA9F	46,920	181	92	A	C	ND0C	40,172	189	83	A	A
K8TV	17,160	168	52	B	B	WB9CIF	5,820	63	30	A	C	K0PC	8,064	71	32	A	A
N8XWO	12,544	131	49	B	B	N9TJG	1,980	46	22	B	B	AC0W	206,180	530	130	A	B
KB8UUZ	11,340	127	45	B	B	K9ZEN	408	19	12	B	B	K0KX	55,680	222	80	A	B
W8KNO	7,070	102	35	B	B	N9LF	210	15	7	B	B	K0SQ	36,288	156	72	A	B
KC8IMB	3,150	63	25	B	B	W9NY	31,232	257	61	B	C	WA0MHJ	33,534	135	81	A	B
WA8YVF	2,208	51	23	B	B	N9SV	5,632	65	22	C	A	K0MPH	23,760	135	55	A	B
KC8YKQ	1,804	42	22	B	B	K1TN	37,052	159	59	C	B	N0EO (AA0AW, op)					
NA8W	1,170	39	15	B	B	K9IG	11,616	88	33	C	B		13,640	85	44	A	B
N8GU	840	32	14	B	B	KE9GM	480	15	8	C	B	K0OB	12,324	104	39	A	B
N1ZP	120,150	681	89	B	C	N9RV	155,520	486	80	C	C	WG0M	11,934	89	39	A	B
NO8C	14,416	107	34	C	A	K9IZ (KE9I, AJ9C, N9LAH, ops)	211,544	527	124	D		W0QQS	9,636	88	33	A	B
W8TM	27,692	161	43	C	B							WA2MNO	7,366	76	29	A	B
W8PN	23,688	142	42	C	B	<b>Wisconsin</b>						WR0DK	6,900	63	30	A	B
N8CPA	21,672	131	42	C	B	KC9ECI	210	13	7	A	A	N0PFY	5,610	57	33	A	B
N8AA	17,028	99	43	C	B	WW9R	19,968	139	52	A	B	WB0TRA	5,488	63	28	A	B
KD8RB	15,040	95	40	C	B	KA9EKG	15,990	96	65	A	B	N0UJ	3,024	43	27	A	B
W8GOC	11,696	90	34	C	B	N9TTX	6,290	64	37	A	B	W0PI	1,400	23	20	A	B
NZ8J	6,944	58	31	C	B	KB9Q	2,516	48	17	A	B	KI0DI	1,040	26	20	A	B
N8BJQ	99,968	353	71	C	C	K9KR	1,736	43	14	A	B	K0PYK	864	27	16	A	B
N8PW	51,272	221	58	C	C	WA9LKZ	1,056	22	16	A	B	N0KK	400	14	8	A	B

KS0T	156	9	6	A	B	N0WY	5,696	91	32	B	B	VA3IX	4,648	53	28	A	B	
K0SR	99,932	409	83	A	C	KC0RPC	644	23	14	B	B	VE3XAT	3,596	58	31	A	B	
K0TT	55,212	261	86	A	C	W0YW	494	19	13	B	B	VA3JNO	2,116	41	23	A	B	
K0AD	24,960	129	60	A	C	KC0SOG	352	16	11	B	B	VE3AT	425,470	838	157	A	C	
K4IU	18,444	98	58	A	C	WN0L	61,912	221	71	C	C	VE3KZ	238,500	537	150	A	C	
NG0R	15,288	123	49	A	C	N0UNL (WD0BGZ, KC0RNZ, ops)						VE3CR	138,750	354	125	A	C	
N0UV	12,330	119	45	A	C		4,356	68	33	D		VE3NE	5,750	58	25	A	C	
KE0L	9,424	99	38	A	C	K0KKV (N0GVK, KC0RSW, KE0BZ, ops)						VE3VMP	11,564	119	49	B	B	
W0GJ	5,632	68	22	A	C		2,750	55	25	D		VE3QEE	208	13	8	B	B	
K0HB	4,316	42	26	A	C							VE3RM (LU7DW, op)						
KC0RET	3,240	52	20	A	C	<b>South Dakota</b>							93,436	502	94	B	C	
W0LMS	182	13	7	B	A	K0HW	128,594	434	113	A	C	VE3XD	22,800	119	50	C	A	
AD0W	14,416	139	53	B	B	WB0ULX	1,900	39	25	B	B	VA3RJ	5,368	62	22	C	A	
N2DUP	418	19	11	B	B	WB0VBW	1,204	43	14	B	B	VE3KP	27,600	140	50	C	B	
N0PI	240	12	10	B	B	W0SD	229,866	1271	91	B	C	VE3UKR	15,456	92	42	C	B	
K0VH	20,740	172	61	B	C	WD0BMS	16,640	160	52	B	C	VA3XRZ	9,240	78	30	C	B	
WB0N	8,118	99	41	B	C	K7RE	28,056	170	42	C	B	VE3FU	5,400	45	30	C	B	
K0BUD	696	31	12	B	C							VE3MGY	4,128	44	24	C	B	
KB0PJV	380	20	10	B	C	<b>Maritime-Newfoundland</b>						VE3IAY	2,312	34	17	C	B	
N0UR	14,280	107	34	C	A	VE1YDX (VE1JS, op)						VA3OBR	2,240	39	16	C	B	
N0BUI	17,316	113	39	C	B		5,772	59	39	A	B	VA3HUN	960	22	12	C	B	
N0FP	8,256	87	24	C	B	VE1AI	6,912	69	36	A	C	VA3EC (+VA3GGF, VE3HG, VE3ESH)						
N0AT	81,648	327	63	C	C	VA1CHP	8,904	109	42	B	B		178,728	486	132	D		
W0ZR	42,020	192	55	C	C	VE9NC	3,660	61	30	B	B	VA3ARG (VA3ADF, VA3TRL, VA3DYF, VA3CXK, VE3CFQ, VE3UD, ops)						
W0ZQ	8,496	60	36	C	C	VE1OP	63,624	244	66	C	B		1,680	40	21	D		
K0VG	896	17	14	C	C	VE9DG	14,560	92	40	C	B							
KR0B (+N0BKL, KS0T, AF9T, KJ0B, K0KP, N0RA, KB0K)	349,576	768	148	D		VE9DSS	4,536	54	21	C	B							
KT0R (+N0HJZ, WA2MNO, KE0L)	253,260	691	135	D		<b>Newfoundland-Labrador</b>						<b>Manitoba</b>						
N0IM (+KC0PDI)	360	15	12	D		VO1HE	5,336	86	29	A	B	VE4MG	9,842	77	37	A	C	
						VO1HP	4,234	46	29	A	B	VE4RA	4,030	66	31	B	B	
						VO1AU	20,768	114	59	A	C							
						VO1MP	7,560	63	30	C	C	<b>Saskatchewan</b>						
												VE5QRP	364	14	7	A	A	
<b>Missouri</b>						<b>Quebec</b>						VE5MX	26,314	133	59	A	B	
K2HT	27,900	141	62	A	B	VE2AWR	45,240	185	78	A	B	VE5SF	12,400	99	40	A	B	
KC0SUZ	2,650	45	25	A	B	VE2QIP	176	11	8	A	B	VE5CPU	2,166	59	19	B	C	
W0YZZ	2,160	29	20	A	B	VE2DC	31,878	149	77	A	C	VE5GC	22,680	130	45	C	B	
K0JPL	167,948	444	121	A	C	VE2UJ	2,940	49	15	C	B	<b>Alberta</b>						
WA0FQK	28,148	227	62	B	B	VE2FK	2,880	45	16	C	B	VE6JO	153,748	405	119	A	C	
KA0FSP	8,484	105	42	B	B	VE2FFE	1,456	26	14	C	B	VE6FI (VE6AQ, op)						
K0DAT	3,844	62	31	B	B								4,560	77	30	B	C	
K0LWV	3,712	58	32	B	B	<b>Ontario</b>						VE6EX	17,464	119	37	C	B	
N0LY	8,256	86	24	C	A	VC3W (VA3JFF, op)						VE6AO (VE6TC, HB9TQG, ops)						
KC0M	45,552	224	52	C	B		2,686	46	17	A	A		40,502	211	77	D		
KS0M	36,736	167	56	C	B	VE3DZ	148,248	399	116	A	B	<b>British Columbia</b>						
AE9B	69,276	259	69	C	C	VA3EEA	90,280	331	74	A	B	VE7NS	15,912	120	51	A	B	
						VE3WG	73,260	269	99	A	B	VA7DX	132,696	420	97	A	C	
						VE3W1AJT	54,912	208	88	A	B	VE7HA	1,014	40	13	B	B	
<b>North Dakota</b>						VE3EJ	41,440	175	70	A	B	VA7MM	8,700	87	25	C	A	
WD0DAI	4,712	77	31	B	B	VE3CRU	21,004	122	59	A	B	VE7NH	22,348	151	37	C	B	
KC0HXF	288	16	9	B	B	VA3PL	15,416	94	47	A	B	VA7ST	2,660	35	19	C	B	
N7IV	26,724	134	51	C	B	VE3TW	13,566	103	51	A	B	VE7NI	544	17	8	C	B	
K0VX	3,168	34	24	C	C	VE3RCN	8,856	70	41	A	B	VE7FO (+packet)						
						VE3FWA	8,720	60	40	A	B		12,126	82	43	D		
<b>Nebraska</b>						VE3EBN	7,416	74	36	A	B							
KT0K	227,760	563	130	A	B	VE3JM	6,650	59	35	A	B							
W0KT	19,296	124	48	A	B													
K0GND	26,520	258	52	B	B													
N0LGU	5,880	85	35	B	B													