

# 2011 ARRL160 Meter Contest Scores

Scores are listed by DXCC Countries and ARRL/RAC Sections. Within each Country or Section, scores are listed in descending order, Single Operators by power categories, followed by Multioperator. Line scores list call sign, score, QSOs, multipliers, Single or Multi Operator (A = QRP, B = Low Power, C = High Power, D = Multioperator).

<b>DX</b>	EW8DJ	2,024	46	22	C	OL0A (OK1CZ, op)				
	EW1DO	988	26	19	C		7,280	105	35	C
<b>Africa</b>	EU3AR	2,400	52	24	D	OK2BMU	2,064	46	24	C
						OK5ET	884	26	17	C
<b>Maldives</b>	<b>France</b>					OL7M (OK1MU, OK2ZAW, OK1CW, OK1DF, ops)	33,700	340	50	D
8Q7DV (RN4WA, RA9CMO, UA9CDC, UA9CGA, ops)	F6DDR	3,060	52	30	B	OK2BFN	220	11	10	E
30 5 3 D	F5IN	3,894	61	33	D					
	F4DNW	3,600	61	30	D	<b>Slovakia</b>				
<b>Asia</b>	<b>England</b>					OM2VL	8,480	109	40	C
	G3RLE	72	6	6	B	OM4EX	3,306	57	29	C
<b>Japan</b>	G4PIQ	2,668	47	29	C	<b>Belgium</b>				
JA1BJI						ON4WW	8,256	98	43	D
468 19 13 B	<b>Isle of Man</b>					ON9CC	630	22	15	E
JE1SPY	MD0CCE	5,904	83	36	C	<b>Denmark</b>				
416 18 13 B	<b>Northern Ireland</b>					OZ4O	96	8	6	C
JA1CTZ	MI6GTY	2	1	1	A	OZ1FJB	0	1	1	C
18 3 3 B	<b>Scotland</b>					<b>Netherlands</b>				
JR5JAQ	GM4ZUK	5,950	87	35	C	PA3AAV	1,134	27	21	C
7,232 116 32 C	<b>Hungary</b>					PA0WRS	3,240	55	30	D
JL1SAM	HA8BE	384	16	12	C	PA0O	240	12	10	D
972 28 18 C	<b>Switzerland</b>					<b>Sweden</b>				
JJ3KDH	HB9DLI	50	5	5	B	SM6FUD	98	7	7	C
960 30 16 C	HB9DHG	360	17	12	C	SM7CMY	90	9	5	C
JH0INP	<b>Italy</b>					SM5QU	198	11	9	D
850 25 17 C	IV3AOL	2	1	1	A	<b>Poland</b>				
JA7BME	IK0XBX	874	24	19	B	SP5CJY	1,156	35	17	B
816 25 17 C	IK4JQQ	0	3	0	B	SP1GZF	198	11	9	B
JH1QDB	IT9SFT	0	1	1	B	SP9ATE	1,440	41	20	C
468 18 13 C	<b>Norway</b>					SP3IOE	800	26	16	C
JH3PRR	LA2XPA	200	11	10	C	SP5XO	162	10	9	C
440 20 11 C	<b>Lithuania</b>					SP5CJQ	1,520	41	20	E
JA6BZI	LY5M	60	6	5	B	<b>Greece</b>				
216 13 9 C	LY2J	1,292	35	19	D	SV3RF	4,624	68	34	C
JA3YBK (JG3WDN, JG3MRT, JS1PWV, ops)	<b>Bulgaria</b>					<b>Kaliningrad</b>				
6,420 107 30 D	LZ2ZG	476	19	14	B	UA2FL	768	24	16	B
JH2FXK	LZ1UK	240	12	10	C	<b>European Russia</b>				
2,304 50 24 D	LZ3FN	40	5	4	C	RL3F	8	2	2	B
JA7YCQ (JH7IMX + Spotting Assistance)	LZ8E (LZ2BE + Spotting Assistance)	952	28	17	D	RA3SS	2	3	1	B
24 4 3 E	<b>Austria</b>					RA4LW	2,394	57	21	C
JA1YNE (KH0J & JR1NKN, ops)	OE3GCU	264	12	11	C	RV4LC	84	7	6	C
8 2 2 E	<b>Finland</b>					RK4FL	2	1	1	C
<b>Cambodia</b>	OH3GD	672	21	16	C	R3LA	0	0	0	C
XU7ACY	OH2BO	32	4	4	C	RT3T	0	0	0	C
18 3 3 E	<b>Czech Republic</b>					RL3A (RL3FT + Spotting Assistance)	4,080	70	30	D
<b>Europe</b>	OK1CZ	50	5	5	A	R7GX	2	1	1	D
	OK1DST	264	13	11	B	<b>Ukraine</b>				
<b>Croatia</b>	OK2PBG	198	11	9	B	UR5KO	242	13	11	B
9A3XV	OK1KZ	48	7	4	B	UT5EO	176	11	8	B
50 5 5 D	OK2W	18,800	210	47	C					
<b>Portugal</b>	OK1FPS	7,752	115	34	C					
CT1ILT										
4,756 84 29 C										
<b>Fed. Rep. of Germany</b>										
DL7UMK										
560 20 14 B										
DL8UKE										
442 18 13 B										
DF5BM										
240 12 10 B										
DF2PY										
8,892 120 38 C										
DK2OY										
1,840 40 23 C										
DK3GI										
1,656 37 23 C										
DL9GFB										
242 12 11 C										
DF2UU										
6,536 87 38 D										
DL7CX										
4,030 67 31 D										
DL5MEV										
84 7 6 D										
<b>Spain</b>										
EA2SW										
338 15 13 B										
EA3AKA										
4 2 2 B										
<b>Belarus</b>										
EU1AZ										
160 10 8 B										

UV5U (UX1UA, op)  
 4,800 78 32 C  
 UYØZG 3,350 67 25 C  
 UR4LRG 1,400 37 20 C  
 UX7CQ 1,024 32 16 C  
 USØSY 728 28 13 C  
 UR8RF 84 7 6 C  
 UR5AS 36 6 6 C

**Latvia**

YL2PP 198 11 9 B  
 YL2KO 2,940 54 30 C  
 YL2BJ 286 13 11 C

**Romania**

YO8DOH 24 4 3 C

**North America**

**Montserrat**

VP2MWG (WØOR & NØAT, ops)  
 141,960 920 78 D

**Turks & Caicos Islands**

VP5CW (W5CW, op)  
 21,068 236 46 B

**Mexico**

XE2S 42,210 344 63 C

**Nicaragua**

YN2CC 23,868 226 54 B

**Cayman Islands**

ZF2AH 104,976 741 72 C

**Oceania**

**Australia**

VK7GN 160 10 8 C

**South America**

**Chile**

CE1/K7CA 65,208 433 76 C

**Aruba**

P4ØTA (K6TA, op)  
 41,942 319 67 C

**Netherland Antilles**

PJ2T (N4RV, K2PLF, WØCG,  
 K8LEE, ops)  
 143,364 925 78 D

**United States**

**1**

**Connecticut**

N1TM 6,510 107 31 A  
 W1WQG 1,938 55 19 A  
 K1DM 70,686 546 63 B  
 N1JW 16,920 178 47 B  
 W3SM 14,564 164 44 B  
 W1JQ 13,320 143 45 B  
 AB1OD 12,013 144 41 B  
 W1TS 5,247 82 33 B  
 N1ZZ 159,856 700 103 C  
 W1QK 123,024 617 88 C  
 K1ZE 61,439 422 67 C  
 K1BV 35,062 370 47 C  
 K1PX 33,588 312 54 C

W1AN 29,580 245 58 C  
 W2JU 23,265 195 55 C  
 NN1N 16,807 156 49 C  
 WD5T 15,808 148 52 C  
 W1AW (KI1U, KX9X, NØAX, ops)  
 161,415 932 85 D

W1WEF 19,756 224 44 D  
 W1RM 16,764 187 44 D  
 K1VW 179,010 812 102 E  
 K2RS 53,244 452 58 E  
 N1XK 7,059 95 39 E

**Eastern Massachusetts**

K1NTR 34,770 298 57 B  
 N1QY 28,037 258 53 B  
 NB1N 20,958 250 42 B  
 N1DC 17,480 232 38 B  
 KG1E 16,514 174 46 B  
 AJ1E 4,872 87 28 B  
 W1MJ 468 18 13 B  
 W1KQ 14,637 178 41 C  
 W1HIS 14,040 175 40 C  
 WJ1R 12,384 141 43 C  
 N1SV 4,212 62 36 C  
 W1FM 3,948 70 28 C  
 K1LZ (+ KB1WKF, K3JO, N8BO)  
 456,692 1,407 127 D

N1SNB 18,705 213 43 D  
 K1RV 14,310 151 45 D  
 AD1DX 1,872 48 24 D  
 W1FA 6,180 103 30 E  
 K1TH 4,374 84 27 E

**Maine**

N1JD 45,760 433 55 B  
 K1PQS 10,212 138 37 B  
 N1CGP 10,138 139 37 B  
 WW1M 9,720 123 40 B  
 N1YE 7,062 108 33 B  
 K8PO 465,555 1,465 123 C  
 K1DG 452,628 1,410 127 C  
 K1JB 63,504 419 72 C

**New Hampshire**

AA1CA 37,083 398 47 A  
 KN1H 8,646 133 33 A  
 N1IX 74,520 507 69 B  
 W1END 8,122 132 31 B  
 NG7A 5,425 79 35 B  
 AA1SB 2,000 40 25 B  
 AC1J 1,558 41 19 B  
 N1IW 49,465 336 65 C  
 K1TR 45,999 396 57 C

W3UA (NU3C + Spotting  
 Assistance)  
 237,462 904 114 D

N9NC 152,361 638 99 D  
 K1QX 13,832 112 52 D  
 WA1Z 10,526 134 38 D  
 KØTV (+ K1EP)  
 167,130 899 90 E  
 NF1O 21,168 210 49 E

**Rhode Island**

WB4SON 7,236 105 36 A  
 W1WBB 57,600 468 60 B  
 NG1G 4,524 78 29 B  
 W1XX 117,264 638 84 C

W1OP (W1GS, K1DT, N1DM,  
 W1AXB, ops)  
 95,285 535 85 D

**Vermont**

KB1NHV 6,460 99 34 B  
 W1SJ 217,516 1,083 94 C  
 N1BCL 9,912 114 42 C  
 WA1ZAM 48 6 4 E

**Western Massachusetts**

N2KW 156,420 735 99 B  
 W1SRB 832 30 16 B  
 K1AU 224 14 8 B  
 W1TO 28,917 283 51 C  
 K5ZD 13,867 131 49 C  
 W1QA (+ NC1I & N1TA)  
 45,045 342 63 D  
 W1UJ 19,844 227 44 D

**2**

**Eastern New York**

K2UF 90,650 635 70 B  
 W2DX 31,824 303 52 B  
 WA2JQK 28,892 232 62 B  
 WA2MCR 22,389 217 51 B  
 N2JJ 19,680 200 48 B  
 W2XL 64,468 431 71 C  
 K2ONP 58,856 522 56 C  
 N2EIK 11,521 142 41 C  
 K2YR 5,952 91 32 C  
 N1EU 131,677 678 91 D  
 NJ1F 22,401 186 57 D  
 K2EP 19,355 193 49 D  
 WA3AFS 7,852 63 52 D  
 WW2DX 3,162 49 31 D  
 W3MR 2,856 45 28 E

**New York City-Long Island**

WO2N 9,472 149 32 A  
 KD2MU 32 4 4 A  
 N2RI 30,690 345 45 B  
 K2GV 17,460 202 45 B  
 K2TV 5,022 81 31 B  
 WB2TPS 1,054 32 17 B  
 K2QMF 35,931 284 59 D

**Northern New Jersey**

W2DPT 16,512 192 43 A  
 W2JEK 3,900 76 26 A  
 KD2MX 13,475 191 35 B  
 N2CJ 8,170 107 38 B  
 KD2JC 4,760 85 28 B  
 N2ED 122,655 692 85 C  
 N2NC 28,224 216 63 C  
 W2LE 15,840 180 44 C  
 K2TTT 122,496 647 87 D  
 W2IRT 68,510 370 85 D  
 AB2DE (+ N2KPB)  
 28,200 227 60 D

W2NO 27,648 291 48 D  
 K2GE (K1SXD, WB2ANM,  
 WB2ONA, WB2SNN, ops)  
 15,960 199 40 D  
 K12P 5,280 91 30 E  
 K2BB 3,780 60 30 E

**Northern New York**

N2FJ 18,060 219 42 B

K2DB 57,680 418 70 E

**Southern New Jersey**

N2UU 8,352 116 36 B  
N2CQ 3,976 72 28 B  
K2SQS 3,834 74 27 B  
N2MM 128,316 860 74 C  
N1IBM 1,992 41 24 C  
W2GD (+ K2TW, KU2C, N2HM,  
N2OO, W1GD, W2ARP, W2CG)  
438,495 1,465 123 D  
AB2E 158,935 780 95 D  
W2YC 107,358 594 87 D  
K2MK 49,392 388 63 D  
K2AX 31,992 241 62 D

**Western New York**

N2ZN 33,900 334 50 A  
K2NPN 5,312 84 32 A  
W2TZ 152,240 842 88 B  
K2ZR 88,576 689 64 B  
K2QO 43,483 361 59 B  
W2LC 27,376 217 59 B  
WB2ABD 18,522 163 54 B  
K2EN 10,582 143 37 B  
N2NW 4,690 70 35 B  
KV2X 3,328 68 26 B  
WF2W 362,520 1,370 114 C  
W2BC (@ W2RU)  
246,556 1,072 106 C

N2YB 163,125 923 87 C  
N2MF 42,660 346 60 C  
K2SLZ 20,520 230 45 C  
W2RR (WA2AOG + Spotting  
Assistance)  
203,991 1,027 97 D

AI2N 25,122 228 53 D  
W2YJ 24,966 215 57 D  
K2MGR 22,900 227 50 D  
N2WK 18,480 140 60 D  
W2CCC (K2CS + Spotting  
Assistance)  
65,238 369 83 E

N2UM 336 15 12 E  
WB2AIV 6 3 1 E

**3**

**Delaware**

AE3J 2,538 50 27 A  
AA1K 374,490 1,444 114 C

**Eastern Pennsylvania**

W3TS 55,284 543 51 A  
N4XU 59,972 514 58 B  
K3SWZ 52,582 424 61 B  
K3SV 29,415 276 53 B  
KZ3X 20,010 214 46 B  
K2LNS 10,062 115 43 B  
N3JNX 2,508 57 22 B  
KD3HN 2,016 43 24 B  
W8IJ 100 10 5 B  
W3BGN 237,258 1,106 98 C  
AA3B 94,560 499 80 C  
K4IKM 84,889 618 67 C  
K3ONW 57,640 523 55 C  
N3ST 55,575 352 75 C  
NZ3M 43,798 342 61 C  
N3NR 34,272 361 48 C

K3QIA 22,185 205 51 C  
WA3IIA 19,796 200 49 C  
W3FVT 18,180 210 45 C  
W0BR 7,676 101 38 C  
WA3AAN 1,558 42 19 C  
K4JLD 539 18 11 C  
K3WWW 311,541 1,207 113 D  
NY3A 186,813 846 99 D  
N3RD 166,840 776 97 D  
K3QF 119,935 633 85 D  
KQ3F 74,313 513 69 D  
NE3H 52,215 444 59 D  
W8FJ 49,824 317 72 D  
K3ATO 46,669 384 59 D  
W3FV 33,174 282 57 D  
N3RS 32,912 198 68 D  
KC3WX 27,664 247 56 D  
W3MF 23,613 227 51 D  
K3PP 12,495 115 51 D  
N3MX 9,761 114 43 D  
WA3F 2,071 23 19 D  
NB3R 1,748 38 23 D  
K3TUF 22,984 222 52 E  
N3ZA 19,602 173 54 E  
W3KB 18,576 216 43 E  
KN3A 17,458 200 43 E  
W3HZU (WS3C & K3PXC, ops)  
16,548 198 42 E

K3UA 3,480 58 30 B  
AA3GM 2,860 59 26 B  
W3GH 184,015 913 95 C  
W3SO (W3YOZ, op)  
63,460 403 76 C  
K3MJW (WC3O, K3FH, AB3LS,  
KB3EYY, K3STL, ops)  
107,164 720 73 D

**4**

**Alabama**

N4AX 37,960 295 65 A  
W5NZ 6,156 89 36 A  
K4CWW 96,876 612 78 B  
WA1FCN 93,600 625 75 B  
K4IQJ 27,848 229 59 B  
WB4KDI 22,204 211 52 B  
W4RYW 15,190 155 49 B  
K8AJX 11,395 131 43 B  
N4AU 10,760 134 40 B  
K4WI 10,176 104 48 B  
KS4L 10,086 120 41 B  
K4ZGB 131,680 821 80 C  
N4NM 55,284 408 68 C  
K4HAL 52,800 408 64 C  
N4NO 42,900 319 65 C  
KG4CUY 13,596 153 44 C  
K3IE 168,072 851 94 D  
N4KG 45,658 291 74 D

**Georgia**

K4VIG 26,892 244 54 B  
W4BAB 23,777 203 59 B  
AE4O 11,660 131 44 B  
N4PN 206,112 1,036 96 C  
K4BAI 73,368 493 72 C  
N4DU 73,130 508 71 C  
W8JI (+ K1TO & VE7ZO)  
538,750 1,855 125 D  
AA4CF 88,872 639 69 D  
ND4V 15,141 148 49 E  
ND1Y 13,019 134 47 E

**Kentucky**

K4FT 165,396 973 84 B  
KC4WQ 24,128 205 58 B  
K4SPO 1,512 38 21 B  
W5MX 309,838 1,385 106 C  
NZ4L 43,523 310 71 C  
N4QS 43,036 372 58 C  
K4WW 33,642 267 63 D  
N9KY 440 20 11 E

**North Carolina**

AA4XX 35,298 333 53 A  
K2AV 115,559 780 73 B  
WB4MSG 47,600 425 56 B  
N4CW 36,972 350 52 B  
AJ4CU 21,889 176 59 B  
K4DJ 17,415 201 43 B  
AI4GR 13,650 132 50 B  
K4KAY 7,995 97 41 B  
N4YDU 7,412 111 34 B  
W4KAZ 3,690 63 30 B  
K4WES 2,848 47 32 B  
WB4M 112 9 8 B  
N4AF 217,920 1,083 96 C  
WX4G 200,640 1,001 96 C

**Maryland-DC**

KB8NUF 4,020 71 30 A  
N3QE 47,142 434 54 B  
WB8YYY 33,432 295 56 B  
K3YDX 21,915 244 45 B  
WA3MKC 21,648 226 48 B  
W3FAY 10,824 131 41 B  
K3KU 9,800 140 35 B  
KB3AAY 8,646 131 33 B  
K3IT 6,528 98 34 B  
K3XZ 5,940 104 30 B  
K8GU 5,394 89 31 B  
AC3P 3,050 65 25 B  
KE3X 1,020 34 15 B  
K3ZO 136,752 796 84 C  
N4QQ 125,510 791 77 C  
K3TC 90,090 552 78 C  
N3UM 72,478 570 62 C  
K1DQV 48,654 487 51 C  
K3TN 29,355 248 57 C  
K3STX 95,760 614 76 D  
K3MM 83,268 482 81 D  
N3AM 65,490 421 74 D  
W3EKT 63,600 362 80 D  
WX3B 56,758 358 74 D  
W6AAN 53,940 275 87 D  
WM3O 51,911 415 61 D  
N1WR 36,456 279 62 D  
WB8BPU 31,659 248 61 D  
W3OU 28,160 255 55 D  
W3UL 27,907 323 43 D  
W3ZZ 19,635 169 55 D  
N3XL 3,528 68 28 D

**Western Pennsylvania**

K3HX 6,534 99 33 A  
W3WH 35,255 325 55 B  
W3WN 15,092 173 44 B  
N3LT 9,706 108 46 B

N3CZ	67,144	413	77	C	WB3JKQ	15,386	161	49	B	N4FX	51,660	354	70	D
W1AJT	49,501	413	59	C	N4ARO	14,100	148	47	B	K1KO	43,662	376	57	D
K4HMB	23,313	198	57	C	K4YRK	10,686	139	39	B	W4NF	41,930	275	70	D
AE4EC	6,232	91	38	C	W4BCU	10,578	125	43	B	WD4LBR	41,216	365	56	D
W4CWA	330	15	11	C	W4HZD	10,179	132	39	B	N4DJ	30,525	264	55	D
N1LN (+ WØUCE & N3ND)					NB4M	7,992	113	36	B	W4JAM	20,240	218	46	D
	317,196	1,391	108	D	W4BK	1,152	33	18	B	N4DWK	4,662	61	37	D
K5EK	40,748	326	61	D	K4EJQ	120	9	5	B					
K3KO	32,445	248	63	D	K4CWA	30	5	3	B					
N4GU	24,136	210	56	D	AD4EB	210,366	1,095	93	C	<b>US Virgin Islands</b>				
K4XD	10,530	133	39	D	WO4O	147,206	808	89	C	KP2DX (KP2BH, op)				
K1MJ	360	15	12	D	K4RO	109,725	702	77	C		3,007	46	31	B
KS4S	16,920	177	47	E	N4AAI	80,063	682	59	C	<b>West Central Florida</b>				
					NA4K	71,120	636	56	C	WØPV	16,121	160	49	B
<b>Northern Florida</b>					N5WR	50,496	394	64	C	N3GD	7,752	104	38	B
K3TW	25,652	237	53	A	W6UB	37,016	331	56	C	N4TB	21,175	185	55	C
AC2N	36	6	3	A	W4UT	34,074	312	54	C	K5KG	31,548	221	66	D
W4AA	72,150	441	78	B	K4EDI	21,408	219	48	C					
NF4A	21,180	166	60	B	AA4H	16,983	163	51	C					
N4WO	5,850	94	30	B	KA4OTB	10,290	123	42	C					
W4REM	3,186	59	27	B	WD8RYC	7,611	87	43	C					
WS4Y	1,900	48	20	B	AB4GG	7,020	87	39	C					
N4EEB	750	22	15	B	NS4X	570	20	15	C					
K9FY	176,928	868	97	C	N4DW	81,744	511	78	D					
WA2VYA	169,576	863	94	C	N4VV	32,292	223	69	D					
WW4B	68,340	490	68	C										
NU4Y	35,640	294	60	C	<b>Virginia</b>									
N6SL	1,005	29	15	C	K4OSO	12,692	171	38	A					
N6AR	50,623	342	71	D	KI4FW	8,466	124	34	A					
WJ9B (+ N2CEI, K4SME)					K4ORD	54,264	480	56	B					
	168,004	832	97	E	KR4V	41,528	353	58	B					
K4JAF	3,300	54	30	E	W4YE	34,888	309	56	B					
					NU4I	22,308	210	52	B					
<b>South Carolina</b>					W4PJW	21,629	253	43	B					
K4CNW	37,314	344	54	A	WU4G	21,369	202	51	B					
WA8OJR	7,820	117	34	B	K4FTO	21,022	231	46	B					
KM4D	129,536	708	88	C	N4VA	20,550	198	50	B					
AF4OX	51,507	433	59	C	AD4TJ	17,388	192	46	B					
W4TUN	13,208	119	52	C	K4FJW	15,576	177	44	B					
NJ4F	7,918	106	37	C	W4WWQ	12,006	131	46	B					
K7OM	7,215	97	37	C	N4QA	8,774	107	41	B					
K2SX	56,430	423	66	D	NN3W	7,480	110	34	B					
AA4V	23,320	204	55	D	K4RT	7,392	112	33	B					
					K4HQB	4,536	83	28	B					
<b>Southern Florida</b>					N3TG	3,480	60	29	B					
AA7JV	26,619	228	57	A	K3ZM	426,377	1,491	119	C					
K4JC	5,985	83	35	A	N4UA	213,750	1,075	95	C					
NM1A	1,254	27	22	B	K4FJ	129,314	748	82	C					
N4BP	95,787	510	87	C	K7CS	128,297	897	71	C					
K4MF	20,670	183	53	C	NR4M	111,680	625	80	C					
W4SO	19,964	150	62	C	N4NW	93,240	617	74	C					
K4HV	11,352	126	44	C	K4ZW	67,848	498	66	C					
KK9O	2,020	49	20	C	K4RDU	42,009	362	57	C					
K4PB	44,325	277	75	D	N4RA	37,221	317	57	C					
N8PR	38,577	226	77	D	W4AU	34,925	310	55	C					
WX4MLB (K9ES, AD4ES, KT4PD, N8KH, ops)					N4MM	29,574	225	62	C					
	6,300	93	36	D	W2YE	24,738	204	57	C					
					W4VIC	11,454	122	46	C					
<b>Tennessee</b>					KF4YLM	6,290	93	34	C					
N4IR	20,884	226	46	A	N3UA	358,190	1,279	119	D					
KS4X	10,105	116	43	A	KC4D (+ K1SE)									
K4RST	4,760	88	28	A		208,472	1,095	92	D					
N4ZZ	60,192	529	57	B	W4HZ (+ W4PM)									
WF7T	45,818	365	62	B		192,042	994	94	D					
K1GU	35,360	335	52	B	N4HB (+ AB4SF)									
N2WN	34,884	301	57	B		117,680	717	80	D					
KA4R	19,834	211	47	B	W4RM	95,890	516	86	D					
N4UW	18,706	198	47	B	KG4W	66,882	462	71	D					

N5UM	7,696	104	37	B
WD5AGO	144	9	9	B
K5UV	35,928	246	72	D
AA5JG	504	21	12	E

**South Texas**

W5ESE	728	26	14	A
WA5BUC	128	8	8	A
K5LJ	33,634	240	67	B
AC5K	26,488	233	56	B
K5MV	22,568	211	52	B
WD5IYT	11,520	117	48	B
W5JBO	3,944	61	34	B
NA4M	3,927	58	33	B
W5GAI	2,494	47	29	B
N5KAE	1,863	39	23	B
K5ZE	1,342	31	22	B
KD5MMM	1,254	34	19	B
AA5VU	900	24	18	B
W5QLF	675	23	15	B
K3TD	18	3	3	B
K5NA	314,895	1,353	105	C
K5WA	247,752	983	111	C
NX5M (+ KU5B, NO5W, NW7DX)	297,324	1,258	108	D
KN8KAZ (+ NS7B & NS7K)	9,810	116	45	E
W5MSQ	4,323	66	33	E
K5GJ	2,632	47	28	E

**West Texas**

WA5VSK	10,500	109	50	B
WA5PFJ	720	26	15	B
NZ5M	70	7	5	B
N5RZ	15,125	134	55	C
N5NA	10,374	119	42	C

**6**

**East Bay**

K6EI	30,894	272	57	A
N6WG	14,136	188	38	A
K2GMY	5,520	92	30	B
KE6QR	4,899	106	23	B
K6JEB	1,728	49	18	E

**Los Angeles**

W6JK	6,540	107	30	B
NC6Q	714	25	14	B
N6AA	24,120	197	60	C
W4EF	3,630	61	30	C
N6TCZ	1,558	41	19	C
WO6M	462	21	11	C

**Orange**

K0NW	25,135	228	55	B
W6ZL	15,738	184	43	B
AA6PW	6,235	108	29	B
W6RTW	1,241	35	17	B
W6PH	76,869	451	81	C
K6NR	18,975	169	55	C
N6WIN	24,830	186	65	D
NN6CH	4,212	83	27	E

**Pacific**

KH6ZM	56,943	344	81	C
KH6LC (+ AH6RE, N6KB, NH6V)	70,882	392	83	D

**Santa Barbara**

WA6FGV	35,278	278	62	B
W6AYC	25,578	260	49	B
AA6VX	320	19	10	B
W7CB	20,475	154	65	C
W6UM	33,726	220	73	D

**Santa Clara Valley**

K6OO	2,940	71	21	A
K6XM	11,988	108	54	B
KM6I	3,600	76	24	B
K6KQV	2,793	65	21	B
N3ZZ	42,021	307	69	C
N6TV	24,540	201	60	C
N6NF	17,710	165	55	C
W6DR (+ N9YS)	30,520	206	70	D
K2RD	28,140	234	60	D
K9YC	4,080	86	24	E

**San Diego**

AA6EE	4,094	86	23	B
AF6JC	2,037	51	21	B

**San Francisco**

W6JTI	34,713	265	63	B
K6RAD	23,912	203	56	B
K6SRZ	50,274	375	63	D
W6OFM (WA6HGT & WB6HII, ops)	3,770	76	26	E

**San Joaquin Valley**

K6MI	10,542	121	42	A
K6CSL	2,320	63	20	B
NU6N	1,292	40	17	B
WC6H	62,678	421	74	C
KI6VC	16,125	185	43	C

**Sacramento Valley**

N6RK	75,306	476	77	B
W6RQR	10,374	124	42	B
KF6T	109,188	653	81	C
W7DR	68,856	441	76	C
K6BZS	28,706	225	62	C
N6JV	15,416	162	47	C
K9JM	14,490	174	42	C
W6RKC	7,659	100	37	C
WB6JJJ	1,776	37	24	C
K6SAL (+ K6LQ, N6ADT, K6SDW, W6AW, WB6RVR)	37,568	304	64	D
K6NV	30,305	279	55	D
K6DGW	10,080	141	36	D
K6III	5,887	100	29	D

**7**

**Alaska**

KL7NC	240	15	8	B
WL7BDO	4	2	1	B
NL7Z	11,193	126	41	C
WL7E	7,488	98	32	C
AL9A	256	16	8	C

**Arizona**

N7IR	44,132	314	68	A
W7RH	75,573	432	81	B
AC7A	34,905	260	65	B
K9WZB	28,820	251	55	B
W7RV	18,117	138	61	B

AB7ZU	12,150	117	50	B
K7WP	9,900	99	50	B
W7YS	5,940	81	36	B
W9CF	3,393	57	29	B
KR2E	2,834	54	26	B
W7YSB	1,404	41	18	B
WU9B	630	21	15	B
N6MA	96,564	598	78	C
KE2VB	24,898	208	59	C
W7PP	10,100	93	50	C
NI7R	5,542	80	34	C
N6SS	111,542	572	86	D
K6LL	45,041	302	73	D
N7RK	21,106	169	61	D
N6VR	2,976	40	32	D
N7MAL	16,168	187	43	E

**Eastern Washington**

K7QBO	16,705	124	65	B
W7TJ	15,408	160	48	B
KC7ITP	5,478	83	33	B
WA0WWW	4,950	77	33	B
K7GS	4,560	76	30	B
AD7XG	1,554	40	21	B
K7OX	50,516	341	73	D
K7LFY	36,448	267	68	D

**Idaho**

AI7H	36,584	268	68	B
KA7T	29,058	241	58	B
K7TM	10,192	106	49	B
K7ARJ	7,562	99	38	B
K7OVG	864	28	18	B
K0TO	27,590	221	62	C
KG7H	133,280	753	85	D

**Montana**

K7BG	24,384	192	64	B
N9RV	121,512	705	83	C
K6PJ	32,376	225	71	D
N3RC	23,154	231	51	D
K7ABV	10,626	117	46	D

**Nevada**

N7ON	8,024	115	34	B
W7RN (K5RC, op)	69,046	407	79	C
K7XC	49,640	359	68	C
WU6W	8,651	104	41	C

**Oregon**

KE7AUB	12	3	2	A
W7YAQ	67,040	408	80	B
K2PO	16,794	158	54	B
NE7D	14,040	170	39	B
K6UM	9,786	118	42	B
W7MTL	3,068	63	26	B
N7VS	870	30	15	B
N6TW	11,094	129	43	C
N7EU	896	32	14	C
WS7L	28,696	200	68	D
WO7V	3,072	64	24	E

**Utah**

K9JWV	2,616	55	24	A
AC7JW	3,528	63	28	B
WA7BME	72	7	6	B
WF4U	76,480	468	80	C
WR7Q	9,259	101	47	D

K7OA	40,560	310	65	E	W8KTQ	59,528	538	56	B	K9OM	60,236	396	74	C
WA7LNN	6,912	96	36	E	W8DHG	46,434	327	71	B	K9OZ	54,578	474	58	C
<b>Western Washington</b>														
W7DRA	3,750	77	25	A	N8HP	33,915	294	57	B	WA9AQN	49,164	351	68	C
N7LOX	8,636	130	34	B	WA8RCN	29,300	296	50	B	K3WA	48,861	404	61	C
W9PL	7,917	102	39	B	KQ8RP	26,208	250	52	B	KX9DX	36,199	347	53	C
W7TSQ	5,822	74	41	B	W8IDM	25,335	283	45	B	WX9U	19,712	175	56	C
WC7Q	5,252	102	26	B	K8VUS	23,426	216	53	B	N7MB	12,642	150	43	C
K7SS	5,120	80	32	B	N8VV	21,944	209	52	B	K9CC	71,016	540	66	D
A17AA	3,904	61	32	B	W1NN	14,322	169	42	B	N2BJ	55,543	416	67	D
W7QN	3,232	101	16	B	N8IE	14,310	156	45	B	W9OL	30,745	287	55	D
WB7FJG	1,122	33	17	B	W8IQ	12,348	148	42	B	K9ZM	26,640	213	60	D
K7QQ	44,550	326	66	C	N3JJT	8,000	101	40	B	K9IJ	33,988	289	58	E
K7RL	38,793	286	67	C	N8OB	7,372	99	38	B	K9CW	10,148	119	43	E
KF7PG	26,790	229	57	C	K8ME	6,860	104	35	B	W9IIX	9,360	120	39	E
W7QC	26,469	245	51	C	KV8Q	5,984	88	34	B	AB9M	6,592	104	32	E
W7WR	18,306	176	54	C	AA8IA	5,940	99	30	B	WA9LKZ (+ KC9HWA)	5,624	77	38	E
W7RG	13,815	137	45	C	K8AB	1,978	44	23	B					
N7QS	7,920	100	40	C	K1LT	306,769	1,344	107	C					
AD7AF (K7GA & W7UDH, ops)	108,297	626	81	D	N9AUG	150,875	870	85	C					
W7IJ (+ K7MO)	95,844	560	84	D	W8JK	146,205	894	81	C					
KD7EJI (+ KC7YE & AD7BF)	1,008	38	14	E	WN8R	130,548	745	86	C					
<b>Wyoming</b>														
WC7S	1,240	36	20	A	KE8M	48,360	358	65	C					
WY7FD	25,340	176	70	B	K8MR	37,178	315	58	C					
K9DR	5,022	83	31	B	WD8KNC	35,695	302	59	C					
K7KU (KØKR, op)	187,572	1,090	84	C	W8EH	27,648	257	54	C					
KO7X	58,320	397	72	C	KG9Z	27,555	248	55	C					
<b>8</b>														
<b>Michigan</b>														
N8BB	28,428	310	46	A	AC8E	16,468	176	46	C					
W8GP	18,672	201	48	A	W8PN	11,476	152	38	C					
N8XX	16,464	196	42	A	N8ECI	9,553	122	41	C					
KT8K	928	30	16	A	K8ALM	3,597	55	33	C					
K8SB	75,978	607	63	B	N8TR	116,109	561	97	D					
WA1UJU	74,304	515	72	B	KD8BBK	7,104	98	37	D					
N8MR	57,096	459	61	B	N8AGU	4,680	63	36	D					
K8JA	35,813	299	59	B										
KB8TYJ	23,856	287	42	B										
K8SIA	18,941	201	47	B										
W8DCQ	16,944	175	48	B										
K8GVK	13,115	150	43	B										
KO8Z	6,208	99	32	B										
AC8P	5,766	93	31	B										
KE8UM	5,472	76	36	B										
K8VT	3,712	66	29	B										
K8MJZ	63,318	516	61	C										
W8AB	18,270	205	45	C										
K8MM	87,423	627	69	D										
W8TE	68,796	428	78	D										
N8LJ	26,500	260	50	D										
W8TA	16,276	156	52	D										
<b>Ohio</b>														
AC8AP	8,695	122	37	A										
AB8FJ	1,892	43	22	A										
K8FH	173,788	916	92	B										
WB8JUI	150,320	933	80	B										
K8BL	141,614	846	82	B										
K8NVR	66,240	449	72	B										
K8MP	64,080	528	60	B										
<b>West Virginia</b>														
K8OWL	5,394	88	31	A										
KB3CXQ	1,482	39	19	B										
K8JQ	73,755	668	55	C										
K8MN	58,220	401	71	C										
W8OHT	9,906	129	39	C										
WA8KAN	6,464	104	32	C										
N4ZR	20,691	168	57	E										
<b>9</b>														
<b>Illinois</b>														
K9MMS	107,900	644	83	B										
K9BGL	56,916	411	68	B										
N9TF	51,156	409	63	B										
K9ZO	48,480	407	60	B										
N19H	34,775	266	65	B										
W9IE	27,435	239	59	B										
N9LYE	24,786	237	54	B										
KK7Z	21,902	236	47	B										
W9ILY	21,573	210	51	B										
K9JU	18,706	200	47	B										
W9YS	12,558	142	46	B										
WQ9T	10,320	129	40	B										
K9SB	7,749	98	41	B										
WB8BZK	7,630	109	35	B										
K9WA	7,566	98	39	B										
KD9MS	5,304	68	39	B										
WO9S	4,582	82	29	B										
WB9LPW	2,520	46	28	B										
N9GH	1,716	40	22	B										
K9CT	326,300	1,540	100	C										
K9NR	193,921	1,058	91	C										
K9FO	80,696	516	77	C										
<b>Indiana</b>														
K9WX	19,044	208	46	A										
WC9C	4,774	79	31	A										
KB9ZUV	2,400	52	24	A										
N9AX	95,360	752	64	B										
WD8DSB	85,890	612	70	B										
W9ZRX	73,720	480	76	B										
WT9U	46,314	369	62	B										
W8FIB	30,837	271	57	B										
W9GT	19,776	211	48	B										
W9THD	17,914	167	53	B										
W9TN	12,212	142	43	B										
KC9ELU	6,460	87	38	B										
K9MI	5,460	87	35	B										
N9XO	4,752	69	36	B										
K9IG	3,504	73	24	B										
KJ9C	110,630	742	74	C										
K9WWT	77,248	571	68	C										
W9RE	40,170	298	65	C										
N9NS	2,520	46	28	C										
W9IU	177,039	1,062	83	D										
K9NW	76,178	449	82	D										
KØTQ	27,108	251	54	D										
N9WKW	26,979	264	51	D										
N9LF	11,868	139	43	E										
<b>Wisconsin</b>														
N9NE	46,872	376	63	A										
KØCD	5,394	88	31	A										
AF9J	1,080	37	15	A										
NE9U	172,215	947	89	B										
WA9CWX	43,906	377	58	B										
N9LB	34,038	271	62	B										
N9CK	23,744	213	56	B										
W9LHG	23,652	220	54	B										
WI9WI	8,610	102	42	B										
KB9S	7,164	99	36	B										
K9GS	400	20	10	B										
AF9T	12	3	2	B										
KB9OWD	2	1	1	B										
WØAIH (KØTG, op)	234,174	1,224	93	C										
NØIJ	228,687	1,199	93	C										
K9AY	193,998	1,027	93	C										
K9MA	111,188	719	77	C										
K1TN	99,698	622	79	C										
W9OP	98,904	626	78	C										
W9PN	33,916	276	61	C										
NS9I	51,625	437	59	D										
WE9R	38,208	291	64	E										

N9UA	13,846	149	46	E	K0CN	77,654	468	82	B	W0MA (AB0RX, op)					
W9OA	5,148	64	39	E	W0SEI	51,402	329	78	B		7,280	104	35	B	
<b>Ø</b>					KN0V	41,942	312	67	B	KC0HPM	4,340	71	31	B	
<b>Colorado</b>					N0UY	32,630	254	65	B	KA0P	160	11	8	B	
KI0II	2,688	59	24	A	K0MPH	20,880	216	48	B	N0TT	281,214	1,294	102	C	
N0TK	930	32	15	A	W0ZQ	20,808	205	51	B	K0JPL	84,942	540	78	C	
AC0XR	176	13	8	A	W0PI	20,406	178	57	B	W0TT	70,148	449	76	C	
WV7T	120	10	6	A	AA0AW	20,188	207	49	B	K0WB	6,698	99	34	C	
W0DLE	109,263	715	77	B	N0OK	19,415	173	55	B	W0TY	5,846	77	37	C	
W0ETT	52,984	356	74	B	N0KBD	14,448	183	43	B	WD0ECO	3,294	62	27	E	
NN7A	42,458	299	71	B	K0JE	14,100	145	50	B	W0EEE (N0SSC + Spotting Assistance)		2,450	50	25	E
WT9Q	38,480	295	65	B	N0BUI	10,500	151	35	B	<b>North Dakota</b>					
KC0V	35,165	272	65	B	W0RK	10,164	124	42	B	N0UD (WB0OAJ, op)		19,981	193	53	B
W5EEA	3,172	63	26	B	K0TT	8,862	106	42	B	AA0CX		1,596	42	19	B
NA0BR	2,880	45	32	B	W0LM	6,460	86	38	B	<b>Nebraska</b>					
WB6RAB	330	15	11	B	KJ0P	5,848	89	34	B	WT0A (KE5RX, op)		26,560	215	64	A
K0RF (W0UA, op)					N0MK	4,760	86	28	B	K0DI	139,892	852	82	B	
	264,384	1,319	96	C	N0UV	4,560	81	30	B	K0NE	74,555	581	65	B	
N0KE	92,414	540	82	C	K0TK	4,500	75	30	B	W0KT	112	8	7	B	
K6XT	52,992	360	72	C	K0SV	4,408	78	29	B	KB0LF	41,024	324	64	C	
K0RZ	24,676	203	62	C	KB0NES	4,031	69	29	B	AA0W	1,260	30	21	C	
NC0B	10,848	107	48	C	NR0L	2,400	48	25	B	W0IZL	93,755	537	85	D	
W0KU	1,288	28	23	C	K0JUH	39	5	3	B	<b>South Dakota</b>					
K0DU (K0CL & KR7C, ops)					K9DU	99,176	646	77	C	WU0L	11,388	148	39	A	
	197,560	1,060	88	D	K0KO	87,934	587	77	C	K7RE	45,140	370	61	B	
K7SCX	27,235	203	65	D	NE0U	43,882	290	74	C	<b>Canada</b>					
KQ0C	6,407	74	43	D	KI0F	43,483	369	59	C	<b>Alberta</b>					
W0ANT (+ W0KU & N0AH)					W0RX	32,731	223	71	C	VE6EX	9,842	135	37	B	
	46,152	320	72	E	K0YR	30,618	234	63	C	VE6BBP	86,584	540	79	C	
<b>Iowa</b>					K0JJR	22,389	220	51	C	<b>British Columbia</b>					
N0SM	29,810	270	55	A	W0DD	18,239	150	61	C	VE7VV	8,652	105	42	A	
NY0O	234	14	9	A	NR0T	16,240	204	40	C	VA7ND (VE7ALN, op)		10,902	120	46	B
KB0SK	16,758	173	49	B	KM0O	10,952	148	37	C	VA7MM	9,243	118	39	B	
W0NFL	12,672	141	48	B	K0VG	5,775	84	35	C	VA7ST	6,633	100	33	B	
K0EWS	7,293	92	39	B	NV0P	1,600	41	20	C	VE7BGP	952	28	17	B	
AD0H	6,840	92	38	B	K0OB	1,316	48	14	C	VE7CC	144,072	791	87	C	
K0SRL	5,168	76	34	B	K0KX	131,192	680	92	D	VE7JKZ	21,930	204	51	C	
KB0L	1,380	31	23	C	K0RC	71,288	466	76	D	<b>Maritime</b>					
N0NI (+ N0XR)					W0AD	58,327	396	73	D	VA1MM	1,406	37	19	A	
	304,750	1,337	106	D	WA0MHJ	48,860	345	70	D	VE1ZJ	28,733	228	59	B	
<b>Kansas</b>					WA0RBW	44,020	357	62	D	VE9ML	23,256	199	57	B	
W0NV	15,100	153	50	A	N0KK	40,194	298	66	D	VE1RGB	22,750	211	50	B	
KU1CW	182,070	1,002	90	B	K0IR	21,412	198	53	D	VE1ZAC	20,016	200	48	B	
N0NB	11,160	126	45	B	W0SHL	7,040	85	40	D	VE1ZA	12,840	154	40	B	
W0RT	9,588	100	47	B	N0BK	6,840	97	36	D	VE1RSM	6,534	98	33	B	
N0JK	8,775	113	39	B	N0HJZ	63,516	473	67	E	VE9AA	1,188	33	18	B	
W0EB	2,800	58	25	B	AC0W	32,269	267	61	E	VY2ZM	539,000	1,487	125	C	
K0HNC	1,794	39	23	B	WB0SOK	31,806	256	62	E	VE9HF	18,788	212	44	C	
K0RH	416	18	13	B	WG0M	22,984	227	52	E	VE1DX	18,816	198	48	D	
W0BH	80,484	528	76	C	WB0N	20,496	187	56	E	VE1OP	2,916	51	27	D	
W0UY	40,524	301	66	C	KS0T	19,822	187	53	E	<b>Manitoba</b>					
AC0C	28,478	249	58	C	W0BM	15,337	152	49	E	VE4EAR	13,923	139	51	B	
K0WA	26,469	263	51	C	K4IU	10,414	130	41	E	VE4YU	3,864	69	28	B	
N0XM	6,720	81	42	C	W0ERP	7,040	92	40	E	<b>Newfoundland/Labrador</b>					
K3PA	99,549	610	81	E	KE0L	952	36	14	E	VO1TA	5,548	57	38	C	
K0BJ	17,982	165	54	E	WC0V	816	36	12	E	VO1HP	23,316	166	58	D	
<b>Minnesota</b>					W0VB	290	10	10	E						
W0GJ	101,106	614	82	A	W0RU	120	15	4	E						
N0UR	41,211	360	57	A	<b>Missouri</b>										
ND0C	60	6	5	A	KI0I	93,912	547	84	B						
N0IM	174,262	967	89	B	W0HBH	42,060	352	60	B						
K0TI	148,149	913	81	B	KC0M	34,046	297	58	B						
K0PK	102,726	652	78	B	W0PC	25,959	254	51	B						
K0AD	87,600	579	75	B	NI0R	17,292	201	44	B						
					W0YZZ	13,600	170	40	B						
					WB0QLU	11,400	150	38	B						

**Ontario**

VE3MGY	47,628	491	49	A
VA3WR	12,948	169	39	A
VE3WZ	8,442	98	42	A
VE3MO	6,480	110	30	A
VA3RKM	3,942	75	27	A
VE3OSZ	76,858	439	83	B
VE3TG	50,456	448	56	B
VA3EC	40,386	383	53	B
VE3FH	37,080	302	60	B
VA3KAI	28,000	242	56	B
VE3NR	23,970	234	51	B
VE3TW	19,320	211	46	B
VA3YP	18,612	213	44	B
VA3ATT	17,808	216	42	B
VE3MM	17,248	201	44	B
VE3RCN	14,560	183	40	B
VE3HG	11,232	157	39	B
VA3YT	6,144	98	32	B
VE3NE	5,250	76	35	B
VE3FWF	4,980	84	30	B
VE3EJ	461,648	1,603	122	C
VE3PN	238,980	992	105	C
VE3CX	98,748	636	78	C
VE3UZ	36,245	327	55	C
VE3OI	35,774	281	62	C
VE3RZ	176,626	895	94	D
VA3DX	77,064	493	76	D
VE3XAT	23,150	224	50	D
VE3CWU	3,120	54	30	E

**Quebec**

VX2AWR (VE2AWR, op)				
	12,578	167	38	B
VE2FXL	3,618	69	27	B
VA2EW	307,748	1,140	116	C
VA2WA (VA2WDQ, op)				
	36,176	305	56	C
VE2DC	12,466	134	46	C
VE2OJ (VE3KI, VE3NJ, VE3OP, VE3ZY, ops @VA2BW)				
	209,035	1,035	97	E

**Saskatchewan**

VA5LF	750	25	15	B
VE5UF	115,175	672	85	C