Results, June VHF QSO Party

Persistence: "Stubborn or enduring continuance, as in a chosen course; resoluteness; tenacity" — *Webster's New World Dictionary*

By Mark J. Wilson,* AA2Z

A quick look at the various tables and boxes accompanying this write-up pretty much tells the story of the VHF QSO Party held last June 11 and 12. Conditions were not outstanding, but that would have been too much to expect for two years in a row. This time last year, we were writing about the great aurora, tropo and double-hop E_s of the 1982 contest.

Delving a bit further into the history of the June vhf contest, however, we see that this past event was par for the course. A total of 510 hams sent in logs. The top single-op score was around 75K, and the top multi around 300K. There was single-hop E_s to be worked on 6 meters. There was some aurora for the last half hour or so. There were big mountaintop efforts and little mountaintop efforts. There were big home-station efforts and little home-station efforts. Everyone had a great time.

The single-hop E_s on 6 gave the South and the Midwest the opportunity to rake in the multipliers. N5KW and crew found the most — 61 — followed by WD4MBK and crew at 57, single-op KC5GB at 55, and multiops AAØL and W9UD at 54. Besides the same old stateside stuff, there were a few DXpeditions to work. Thanks to C6ADV, FPØSM (K1TOL), XE2XW (W5XW and friends) and ZF2EW (K1FJM) for taking the trouble to make the contest more exciting for everyone.

Two meters took a bit of a beating this time. Reports from all call areas indicate that general activity was not as good as in other years, and that things were especially slow on Sunday. As it turned out, the June contest was also one of the first decent weekends of the season weatherwise in many parts of the country. For many ops who normally spend the second weekend of June glued to their radio sets, the lure of the beach and barbecue was just too much. This same weather, however, made a wonderful weekend for mountaintopping. The aurora during the last half hour made 144.100 sound like the low end of 20 during a DX contest, adding to section totals and general excitement.

Activity on the higher bands has been growing every year as more and more people move upward and commercial equipment becomes more and more available. Just four years ago, in June 1979, top multiop W1FC posted a single-band 220 score of 2006 points (59 QSOs in 17 sections). This year, W3BBS had 26 multipliers and almost three times the score. The 432-MHz QSO total to beat this year was 172 by W2SZ/1. A quick comparison of the top three multiop logs shows that there were about 200 QSOs to be had (nobody ever works them all!). And on 1296 all call areas appeared. The big mountaintoppers are getting more serious about this band all the time — the W3BBS group lugged a 16-ft dish and a 500-W amplifier to their site.

The scores reflect the mediocre conditions and lower activity levels. Only the top two single-op stations — AA2Z and K1PXE — would have made last year's Top Ten listing. And without any spectacular 6-meter openings, the top scores all came from the Northeast. No W9IP, WB8IGY or W9OEH near the top of the list this time. Among the multiops, the W2SZ/1 group cashed in their microwave chips again this year and won by quite a bit. The familiar W3BBS call sign took second place, while W1VD made third. All of the Top Ten single ops this year were home stations, while all of the top multiops except W1VD and N2SB were mountaintoppers.

Only two of the Division Leader scores reflect new all-time records. Single-op AA2Z added 31,000 points to the Atlantic Division record held previously by K3SXA from the 1981 contest. In the Midwest Division, W9UD and crew traveled to Missouri, where they erased the 1979 WØOHU record by 11 kilopoints.

When band conditions are only average at best

Top Ten

Single Operator		*Multioperator*	
AA2Z/3	76,356	W2SZ/1	298,560
K1PXE	50,130	W3BBS	203,145
K2CBA	44,932	W1VD	181,536
WA1UQC	38,802	K1TR	173,476
K1EM	33,820	K3YTL	119,416
KA1APR	30,723	W1TKZ	108,300
WA2TEO	30,388	WA2SNA	108,226
KA2BTD	29,852	W8VP	103,621
K3HP	29,700	W1QK	84,800
W2EIF	28,440	N2SB	84,148

Are these guys nuts, or what? The W4BFB crew took their traveling road show on a 22-hour round trip to Woodall Mountain in Mississippi. Operators (l-r) included N4VC, AA4ZZ, WD4ABZ, KU4V, WA4VCC and KS4S.

WD5CAW and K9IKI lugged their gear up a New Mexico mountain in this 1961 Jeep. *(K9IKI photo)*

Division Leaders

Single Operator		*Division*	*Multioperator*	
Call	*Score*		*Call*	*Score*
AA2Z/3	76,356†	Atlantic	W3BBS	203,145
VE3ASO	21,868	Canadian	VE3VHF	31,570
W3EP/9	8925	Central	K9MRI	30,400
WØXG	8924	Dakota	KØALL	3914
N4JS/5	14,400	Delta	W4BFB/5	40,107
WB8BKC	19,825	Great Lakes	W8VP	103,621
K2CBA	44,932	Hudson	WA2SNA	108,226
NØLL	10,600	Midwest	W9UD/Ø	80,004†
K1PXE	50,130	New England	W2SZ/1	298,560
W7ZSL	5852	Northwestern	N7NW	21,462
N6CT	12,150	Pacific	K6GSS	46,400
WD4GXN	17,536	Roanoke	K3LNZ/8	83,106
W5FF	8140	Rocky Mountain	AAØL	34,950
W4ODW	18,666	Southeastern	WD4MBK	65,700
WB6DTA	14,577	Southwestern	WA7LYI	37,468
KC5GB	21,376	West Gulf	N5KW	61,288
ZF2EW	8028	DX	XE2XW	7095

†Indicates new division record

*Assistant Communications Manager, ARRL

Top Single Band Scores

50 MHz		144 MHz		220 MHz		432 MHz		1296 MHz	
WA1OUB	16,250	K1KA	13,680	AA2Z/3	1740	K2RIW	6116	W2VC	1155
WB8IGY	16,000	K1FO	7946	K1PXE	1394	K1PXE	3916	K1PXE	891
KC5GB	13,805	WB2KEC	7392	K9HMB	1344	W2VC	3400	WA3JUF	780
AF1T	12,556	N2BJ	5334	W9SR	1190	N1BC	3384	N6CA	594
KA1APR	10,841	AA2Z/3	5313	K8DIO	1122	KA2BTD	2844	K8WW	570
WD4MGB	10,692	WA2TEO	5208	W2EIF	1014	AA2Z/3	2516	AF1T	459
WB5DSH	10,458	W1QXX	5060	W3BBS†	5512	N2BMN	2484	W3BBS†	1800
AA2Z/3	9945	WØRLI	4968	W2SZ/1†	4600	W3IP	2108	W2SZ/1†	1710
W3ZR	9328	K3HP	4374	W1VD†	4320	W4DFK	2070	K3YTL†	1014
CY1YX	8569	KA2BTD	4368			W2TC	2040		
W1VD†	23,100	W2SZ/1†	16,392			W3BBS†	8262		
N5KW†	22,997	W3BBS†	14,160			W2SZ/1†	8256		
W2SZ/1†	21,216	K1TR/1†	13,725			W1VD†	7682		

†denotes multioperator stations

Multiplier Leaders

Single Operator

50 MHz	144 MHz	220 MHz	432 MHz	1296 MHz
WA1OUB — 50	K1FO — 29	K1PXE — 17	K1PXE — 22	K1PXE — 11
K2CBA — 40	KA2BTD — 24	W2EIF — 13	K2RIW — 22	W2VC — 11
	WA2TEO	K2CBA		
AA2Z/3 — 45	WA3FYJ — 23	AA2Z/3 — 15	AA2Z/3 — 17	WA3JUF — 10
			W3IP	
WB8IGY — 50	WD4GXN — 24	WD4DGF — 11	K4CAW — 15	W3IY/4 — 5
			W4DFK	
			WD4GXN	
KC5GB — 55	W5RCI — 12	W5RCI — 8	W5RCI — 9	WA5VJB — 1
N6CT — 31	N6AMG — 13	WB6DTA — 6	AJ6T — 7	N6CA — 9
K1SC/7 — 30	WA1JXN — 20	(7 stns) — 2	WB9AJZ — 5	(4 stns) — 2
WB8BKC — 32	WB8DRR — 20	K8DIO — 17	K8WW — 16	K8WW — 10
W3EP/9 — 33	WB9MSV — 23	W9SR — 17	W8UT/9 — 6	—
NØLL — 41	WBØSWD — 15	KØDAS — 8	KØDAS — 10	—
		NØCIH		
CY1YX — 41	VE3ASO — 23	VE3BFM — 8	VE3FN — 12	VE3BFM — 2

Multioperator

50 MHz	144 MHz	220 MHz	432 MHz	1296 MHz
W1VD — 50	K1TR — 25	W1VD — 24	W2SZ/1 — 24	W2SZ/1 — 15
	W1VD			
N2SB — 42	K2NE — 23	N2SB — 19	WA2SNA — 21	K2BWR — 10
	N2SB	WA2SNA		
W3BBS — 42	W3BBS — 30	W3BBS — 26	W3BBS — 27	W3BBS — 15
WD4MBK — 57	AB4L — 25	W4IY — 13	AB4L — 17	WD4MBK — 4
N5KW — 61	N5DL — 17	N5DL — 9	N5DL — 11	N5KW — 2
W6XJ — 33	K6GSS — 11	K6GSS — 11	W6XJ — 15	WB6AAG — 6
	K6HXW			
	W6XJ			
WA7LYI — 41	WA7LYI — 9	WA7LYI — 6	KA7CVV — 7	WA7LYI — 5
			WA7LYI	
WD8ISK — 52	W8VP — 32	W8VP — 23	W8VP — 22	W8VP — 6
WB8HUC — 40	K9MRI — 28	K9MRI — 10	K9MRI — 8	K9IMM — 1
AAØL — 54	W9UD/Ø — 25	W9UD/Ø — 14	W9UD/Ø — 16	W9UD/Ø — 4
W9UD/Ø				
VE3VHF — 33	VE3LNX — 20	VE3LNX — 12	VE3VHF — 12	VE3LNX — 4
				VE3VHF

and activity is down, what is the key to a winning operation? One of the most important qualities an operator can possess is persistence. This is true of all contests to some degree, but it is most important in a contest with a limited number of stations to work. When the QSO rates on Sunday are down to five per hour, the successful op will hang in there. While the others who found five contacts an hour too much to stomach are off sleeping or watching TV, the winning ops will be there slowly building their contact totals and even occasionally working a new multiplier. After all, 10 slow hours can produce 50 or so QSOs that a less-persistent op won't get.

The other thing a successful op can do when there isn't much to do is find new things to do. For example, Alaska is probably the closest thing to a vhf wasteland. Yet WL7ACY submitted a 161-QSO 6-meter single-band entry — filled with 160 JA contacts. W2SZ/1 added another microwave band this year and picked up four multipliers on 5.7 GHz.

EME is growing in popularity during the vhf contests. Single-op WA1JXN/7 and multiop AAØL used this mode to boost their 144-MHz section totals to 20 and 17, respectively — great totals from the boonies! K1FO got on 144 EME also and posted the top first-call-area section total for that band. Speaking of EME, we got single-band 432 logs from DL9KR and JA9BOH. Who did they work? Look at the 432 section totals for W6XJ and W3BBS for starters. There are ways of increasing the score when things aren't great. It's just a matter of identifying these ways and then doing them.

The rules changes adopted for this past June contest were generally well received. Most ops agreed that dropping the mandatory off-time was long overdue. Most of the big multiops and a few of the single ops took advantage of the new rule and operated 'round the clock. Generally, the new ending time was appreciated, although some stations expressed disappointment that the best opening of the weekend occurred just after the contest ended. The expanded multiplier scheme brought favorable comments. All four VE1/VO multipliers were active this year, including an expedition to New Brunswick by W1JR.

Although this June's vhf contest had its problems, it was still a great way to spend a weekend. Certificates will be in the mail by September 15. Are your ready for the September VHF QSO Party in a few weeks?

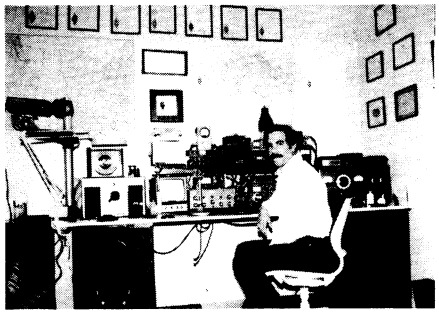
SOAPBOX

The homebrew 4CX250B amp dumped one power transformer Saturday with a shorted primary. The remaining power transformer shorted the secondary on Sunday and sent a 5-ft blast of "chapopote" and smoke with all the fury of "El Chichonal." The fuse, per Murphy's Law, protected itself and will be reused next year (XE2XW/W5XW). The last 19 minutes of the contest made the rest of the slow, sometimes boring 32 hours and 41 minutes all worthwhile. Just wish that the aurora had arrived sooner (WA1STO/W1VD). This was our trial run at contesting from a very famous vhf mountaintop location, Cadillac Mountain, near Bar Harbor, Maine. Cadillac Mountain is the highest point on the entire Atlantic seacoast in all of North and Central America; at over 1500 feet directly above the ocean, and on an island, it is a superb site. We only operated for 4-1/2 hours and made 130 QSOs using low-powered solid-state gear and simple antennas, but could tell that the site is terrific and we're looking forward to returning in June '84 for an all-out effort...we did manage a few 600-mile contacts on 220 and 432 MHz, using only 80 W to single Yagi antennas...If you've never been to Cadillac Mountain, you cannot imagine what a really clear sky looks like. Breaking down our antennas at 2 A.M. became a major effort because we were so distracted by the dazzling array of stars overhead. Mother Nature put on quite a show, and we view constellations that we had only heard about previously, and are *never* visible in the NY/NJ area (WA2VUN/1). Our operation this contest was from the summit of Green Mountain, west of Boulder, Colorado, at an elevation of 8144 feet. No roads exist to the summit, so all equipment was backpacked up to the site (W1XE/WØIA). I always thought that Rhode Island was a "rare" Section, so I decided to be "big DX" and operate from my sailboat in East Greenwich Harbor in Narragansett Bay. Well, others had similar ideas. I found out that 10 W to a dipole swinging on an anchor does not compare to 150 W to an F9FT Yagi. I was buried, or shall we say, drowned (W1JP). This was the best aurora I've caught in six years of vhf work. I never worked east of PA before on aurora. The signals were *so* loud (WØRT). Our best vhf contest yet. Addition of 432 and 10 GHz kept things interesting. Good 6-meter openings really livened things up. Would prefer to exchange grid squares in all future vhf/uhf contests. We hope to have a 4-ft dish at 200-plus feet for the uhf contest on 10 GHz. In Montreal, there are six or seven people on 10 GHz (VE2CUA). First perfect weekend in over 13 weeks (hot and sunny), and I contest. Thanks to my very understanding family (WA2ABN). As for contesting out West, it's the pits! I'd be ashamed to turn in a score like this in Virginia, but out here (UT) things are different. Mountains, long distances and a paucity of vhfers make the contest a definite challenge (WA4GPM. . .260 QSOs and 15 bug bites for a whopping rate of 17.3 QSOs per bite (QPB?)...you know things aren't going well when the chair that you are using collapses midway through the contest (WB1GQR). The last three QSOs of the contest added almost 370 points, or 16%, of the final score. I think that the contest is won or lost on Sunday afternoon (VE7ASI). You cannot imagine how difficult it is to explain to a DX station during a cw contact via moonbounce what that station is supposed to send for an exchange. Actually, they must think we're crazy since we already know what country they are in from their call. I actually had one station start again and do the contact right from the beginning. He obviously thought that if I kept asking for his country that I could not possibly have his call correct...Of course, it would be more sensible to use some internationally understood exchange if the contest is to continue to be open to DX stations. Until then, however, I suggest that the rules be changed to permit DX stations to give a signal report instead of their country name (WA1JXN). We didn't have any objections before the contest about the earlier ending time, but if you are going to end the contest at 11 P.M., why did you have to schedule that beautiful aurora to start at 10:30? It sure caused quite a rush at the end, but it would have been nice if we could have had more time to work it. On the other hand, if the contest had not ended early, we would not have had the chance to go outside and actually see the aurora, which was quite a sight as viewed from Mt. Equinox (W1TKZ). Finally, at long last, I worked Arizona on 144 MHz. And he answered *my CQ* (K5MAT)! My 4-element beam on 6 meters was a 6-element beam on 6 meters until the tornado hit (KC5GB).

FEEDBACK

Please refer to Sept. 1982 *QST*, page 77, for the following corrections. In the multiplier leader box for single-op stations, WA2GSX should be listed as the 144-MHz second call area leader, with 28 sections; W2VC should be listed as the 1296-MHz second call area leader, with 11 sections; and WØRWH should be listed as the 144-MHz tenth call area leader, with 20 sections. In New Mexico, the second-place single op is really W5RKS, not WB5RKS. In Michigan, the call sign of the top multiop should read WD8MJQ. In Washington, add WA6NHB/7 with a line score of 3097-163-19-AB to the single op list; we found his log with the Field Day entries.

W9UD and friends traveled to Missouri this year to set a new all-time Midwest Division record.



KC5GB took full advantage of the good single-hop E_s openings to net 55 6-meter multipliers and win the single-op West Gulf Division title.

WA7PVE and his pal Skeksis the Spiny Tailed Iguana teamed up for 70 QSOs from Washington State. Quite a pair, huh?

SCORES

Scores are listed by ARRL section. Within each section, single-operator, multiband scores are listed first, then single-operator, single-band scores starting with the lowest frequency band, and then multioperator scores. From left to right, each line score lists: call, score, number of QSOs, number of multipliers, bands operated (A — 50 MHz; B — 144 MHz; C — 220 MHz; D — 432 MHz; E — 1296 MHz; F — 2.3 GHz; G — 3.4 GHz; H — 5.7 GHz; I — 10 GHz; J — 24 GHz; K — 48 GHz; L — light). The call sign of the top single-op station in each section is indicated in bold-face type. The single-band award winners are indicated by bold-face type for the letter(s) denoting the band(s) won. For example, in Connecticut, K1PXE is the single-operator section award winner, and he also had the highest single-band scores on 220, 432 and 1296-and-up MHz. WA1UQC had the top 50-MHz score, and K1FO had the top 144-MHz score. W1VD is the top-scoring Connecticut multiop.

1

Connecticut

K1PXE 50,130- 373- 90- **ABCDE**
WA1UQC 38,802- 371- 87- ABCDE
K1EM 33,820- 383- 76- ABCD
K1GX 7514- 221- 34- AB
W1FAJ 6885- 117- 45- ABCD
KA1BXB 4736- 124- 32- BCDE
WA1HYN 3120- 100- 26- BCD
WA1ZNT 3120- 104- 30- AB
K8CH 2492- 66- 28- ABD
WA1GTP 1104- 48- 23- AB
W1AW (WB2TRN, opr.)
192- 19- 8- BD
K1FO 7946- 274- 29- **B**
W1FXS 2560- 160- 16- B
W1CNU 900- 60- 15- B
AB1U 450- 45- 10- B
N1CLW 70- 14- 5- B
KH6WZ 45- 15- 3- B
W1VD (+K1JX, KA1GD, WA1STO)
181,536-1203-124- ABCDI
W1QK (+K1UOL, KA1s ECL, DC,FJR, TD, W1s NG, PV, WA1s PMA, WXV, WB1s CVW, EZL)
84,800- 700-100- ABCDEI

Eastern Massachusetts

AD1C 22,685- 254- 65- **ABCDE**
W1GXT 14,728- 212- 56- ABCDE
WB1FKF 13,255- 164- 55- ABCDE
KA1DHO 8550- 174- 45- ABCD
WA1JOF 7733- 161- 37- BDE
W1FM 5215- 132- 35- ABD
W1JOT 330- 18- 10- BCDE
KA1AMR 88- 11- 8- AB
WA1AYS 8528- 208- 41- **A**
K1DAT 1071- 63- 17- A
W1QXX 5060- 230- 22- **B**
WØRLI 4968- 207- 24- B
WA1YKN 1751- 103- 17- B
KA1FVG 1326- 102- 13- B
N1CKM 54- 9- 6- B
N1BLI (+N1BCG)
12,098- 250- 46- ABD
W1XM (W1XG, WA4TTG, oprs.)
6279- 90- 39- ACDE

Maine

W1JR/1 2890- 62- 34- ABCDE
W3HQT/1 840- 50- 15- BE
W1PLX 800- 50- 16- **B**
K1BZ 209- 19- 11- B
K1WHS (+K1s LL, MNS, WB1FGW)
39,026- 400- 79- ABCDE
WA2VUN (+KT2B, WB2WIK)
7380- 128- 45- ABCD

New Hampshire

W1EJ 22,496- 219- 74- ABCDE
AF1T 17,836- 309- 52- AE
AC1J 10,080- 197- 45- ABCD
N1BC 4600- 106- 23- **BD**
WA1GDR 1752- 73- 24- AB
WA1OUB 16,250- 325- 50- **A**
K1KA 13,680- 570- 24- **B**
W1JSM 2100- 100- 21- B
W1HNZ 1330- 95- 14- B
N1CR 80- 16- 5- B

Rhode Island

W1AJR 4012- 118- 34- **AB**
K1DT 243- 18- 9- **BCD**
W1JP 216- 24- 9- B
K1DS (+KA1FRI, KM1X, W1s JI, XO, N4HY)
30,084- 353- 69- ABCDE

Vermont

WB1GQR 11,792- 260- 44- **ABCE**
WA1TBV 756- 42- 18- A
W1TKZ (K1s TK, UR, N1s ADY, CGF, CPE, W1s GCI, OOP, WA1PQY, N2AWG, oprs.)
108,300- 763-114- ABCD
EFI
K1IK (+KA1BAQ, KF1R, WA1FCD, WB1s EDA, FSV)
7106- 182- 38- ABC

Western Massachusetts

KA1APR 30,723- 336- 77- **ABCD**
AC1T 14,336- 207- 56- ABCD
N1XZ 7686- 149- 42- ABCD
W1RIL 7110- 181- 30- **BD**
WA1UOL 338- 26- 13- AB
W1NY (W1KK, opr.)
3136- 112- 28- A
W2SZ/1 (AG1M, K1DH, KA1s DZV, ZE, WA1s UGE, ZAM, WB1s CBH, HIH, AG2X, K2s TR, UF, KA2QHF, KW2T, W2ARQ, WA2s AAU, SPL, WB2s JLR, PKO, AK4L, N8AFM, WA8USA, oprs.)
298,560-1464-160- ABCDE
FGHIJ
K1TR/1 (+K1s BA, EA, KA1R, N1s AFQ, BEM, RC, WA1s ONB, PBU, VFJ, K3WM)
173,476-1153-124- ABCDEI

2

Eastern New York

K2CBA (WB2DNE, opr.)
44,932- 402- 94- **ABCDE**
WA2TEO 30,388- 375- 71- ABCDEF
N2BJ 12,172- 306- 34- **BD**
W2IP 1008- 53- 16- BD
WA2GFP 10- 3- 2- BL
K2QE 3906- 186- 21- B
W2AWX (+AB2I, AB2J, K2DPL, WA2s ENM, TIF, WB2s DVV, FHR, KMY)
81,130- 705- 95- ABCDE
KA2Q (K2ACA, W2s GXU, YJO, WA2s ALV, NKP, WB2OPC, oprs.)
800- 50- 16- B

N.Y.C. & Long Island

K2OVS 11,221- 200- 49- ABD
N2BAR 6768- 188- 36- AB
WA2SLY 6534- 198- 33- AB
K3JNZ 3861- 122- 27- ABD
WA2EUS 1818- 80- 18- **BDI**
K2MUB 3780- 105- 36- **A**
WB2KEC 7392- 336- 22- **B**
WB2TCQ (WB2RNT, opr.)
3171- 151- 21- B
KE2N 2360- 118- 20- B
KA2BPP 900- 75- 12- B
K2RIW 6116- 139- 22- **D**
KC2GE (+WB2PSD)
1768- 104- 17- B

Northern New Jersey

KA2BTD 29,852- 353- 68- **ABCD**
WB2QOQ 27,537- 324- 67- ABCDE
WB2WIH 26,532- 316- 66- ABCD
N2BMN 22,320- 294- 60- ABCD
WA2CWA 20,473- 347- 59- **AB**
W2TC 10,008- 218- 36- BD
W2VC 8525- 120- 31- **DE**
WB2TMD 7854- 187- 42- AB
WA2UDT 7106- 181- 38- ABD
WA2GEZ 6120- 176- 30- BD
N2BMP 4640- 160- 29- AB
K4BNC 3927- 119- 33- AB
WB2CUT 3870- 215- 18- B
WA2ALM 1560- 104- 15- B
KR2Q 1515- 101- 15- B
KA2HZA 28- 7- 2- C
WA2SNA (K2s BJG, IZL, KA2s IVS, NDS, OVK, N2s AAZ, CJJ, CTF, W2s RS, WCE, WA2s JSW, PIK, UPK, WB2s ANK, RFB, oprs.)
108,226- 806-106- ABCDE
N2BOW (+N2CEI, KA2MKD, WB2WLM)
54,824- 475- 89- ABCDEI
K2NJ (+K2PM, KA2s RBF, RLW, PSL, WB2s EF, HZ, KR2T, KU2C, W2GD, WB2NQV)
45,075- 496- 75- ABCDE
WB2ONA (+N2CYM)
18,880- 247- 59- ABCDE
WA2FXB (+WA2PJZ, WB2QBT)
13,410- 288- 45- ABCD

Southern New Jersey

W2EIF 28,440- 292- 76- **ABCDE**
KS2T 23,374- 329- 62- **ABD**
W2HRW 15,840- 263- 55- ABD
WA2KOK 9016- 169- 46- ABCD
K2JF 7770- 193- 37- ABC
N2BYE 3857- 130- 29- ABC
K1TQ 2028- 71- 26- ABD
WA2QNK 4086- 227- 18- **B**
N2CRK 1316- 94- 14- B
KB2GW 966- 69- 14- B
WA2DFH 420- 42- 10- B
N2SB (+KA2NYF, WB2s NPE, RVX)
84,148- 589-109- ABCDE
K2NE (+KA2s CQX, RRK, WB2s ANJ, KKS, UVB, KF3T, WA3RKM)
47,163- 520- 79- ABD
K2BWR (+K2ZRJ)
36,566- 266- 94- ABCDE
W2AUZ (+KS2D, N2CTW, W2s AUZ, JAG, WA2s LLN, WVJ, WB2s CWQ, STV)
26,609- 386- 59- ABCD
WA2JSG (+WA2ZMN)
16,121- 292- 49- ABCD

Western New York

K2GK 11,220- 161- 55- **ABCDE**
WB2KIW 9790- 169- 55- **ABD**
K2LZF 9164- 146- 58- ABCD
K2OS 5728- 179- 32- AB
K2MQY 5577- 143- 39- AB
WA2ABN 5456- 139- 31- **BD**
KC2AW 192- 24- 8- AB
W2RHQ 1450- 58- 25- A
W2CNS 3565- 155- 23- **B**
K2PQI 1066- 82- 13- B
K2JIQ 782- 46- 17- B
W2WGL 490- 35- 14- B
W2AWF 253- 23- 11- B
WB2YIZ 68- 17- 4- B
W2MPK 270- 15- 9- D
W2RCX (KA2OQZ, WA2YTM, WB2s IEY, ODH, WA3PXH, oprs.)
16,896- 233- 64- ABCD
K2HE (KA2s KGK, MCO, W2UCZ, oprs.)
6720- 151- 40- ABD
K9JR (+KC2FY, WA2OEV)
3248- 115- 28- ABD

3

Delaware

K4CHE/3 22,692- 306- 61- **ABCD**
K3CNH 1798- 62- 29- AB
AC3T (+K3WJV, KA3s B, KZL, N3s AYE, BHS, DIP)
52,720- 545- 80- ABCD

Eastern Pennsylvania

AA2Z/3 76,356- 612-101- **ABCDE**
K3HP 29,700- 404- 60- ABCD
WB3JYO 20,299- 315- 53- ABCD
K3IWK 13,908- 223- 57- ABD
KB3NQ 7511- 214- 29- BCD
W3CL 3016- 79- 29- ABCD
N3ET 4004- 182- 22- B
WA3DNM 3740- 187- 20- B
KF3Y 3192- 152- 21- B
AK3M 1222- 94- 13- B
WB2BJH/3 924- 66- 14- B
WB2MBM/3 228- 38- 6- B
KA3EJG 6- 6- 1- B
WA3JUF 780- 26- 10- **E**
W3BBS (K3s II, RLM, RYL, N3s AAX, CCW, W3GPY, WA3s BRW, IAO, KPP, LBI, PUL, UGP, WAK, WB2s IJT, YEH, WB3s EFI, ESQ, ESS, JZE, oprs.)
203,145-1054-145- ABCDE
FJ
K3YTL (K3MKZ, KA3s CWR, EEO, ILE, N3s CXB, DAP, DAX, W3DZH, WA3s JWP, YON, WB3s CAI, FAA, FKQ, FYT, oprs.)
119,416- 792-118- ABCDE
W3AD (K3HEC, N3s BCZ, BNA, W3s CWE, IPX, OLV, WA3s HMK, PHL, WB3BNB, oprs.)
40,964- 484- 77- ABD
WB3LNZ (+KC2TJ,KB3s IB,ZS,N3ADC)
25,080- 336- 66- ABCD
W3LP (W3s GFN, JUZ, WA3CUQ, oprs.
20,724- 255- 66- ABCD
W3HZU (K3s GDI, HPI, N3s AIA, AUO, W3SST, WB3AWJ, oprs.)
5934- 129- 43- ABD
K3NYX (+AI3Q, K3IJ, W3s IVG, TI)
1445- 85- 17- B

Maryland

W3IP 25,047- 147- 69- **ABCDE**
K3AKR 6292- 110- 44- ABCD
W3JPT 2700- 100- 27- AB
N3API 2444- 94- 26- AB
W3MSN 308- 23- 11- ABCD
KI3L 4795- 137- 35- **A**
WA3FAE 3097- 163- 19- **B**
N3CDA 1264- 79- 16- B
N3COB 51- 17- 3- B
K3ONW (+K3s ARN, EUG, W3CJK, WB3s FWF, LJK)
40,824- 378- 84- ABCDE

Western Pennsylvania

W3CSA 3432- 104- 33- **AB**
W3KJM 416- 26- 16- A
WA3FYJ 3243- 141- 23- **B**
WB3EUM 220- 22- 10- B
W3GNR/3 (+K3LR, KA3s AWL, DEO, DWR, WA3s BUX, FFC, JBV, WB3KKX)
73,645- 574-103- ABCDE
K2SPO/3 (+AF2K, KA2s FND, FNO, KS2Z)
8772- 158- 51- ABCD
W3FE (+K3s EAS, FOW)
3078- 105- 27- ABD

4

Alabama

WA4CQG 16,933- 263- 59- **ABCD**
WA4EWA 14,701- 227- 61- **ABD**
W5WZF 2232- 62- 36- AB
WA4VUG 48- 12- 4- B
KA4AOK (+KA4CFZ)
1794- 78- 23- A

Georgia

NA4I 6396- 152- 41- ABD
AK4T 3404- 92- 37- AB
KA4KKF 2610- 89- 29- ABC
W4ISS 854- 43- 14- **BD**
NZ4Q 238- 27- 7- **BD**
WB4SLM 6475- 185- 35- **A**
KE4WT 1664- 64- 26- A
WD4MBK (+AA4GA, N3AHI, N4HSM, W4VHH, WA4OYH, WB4NMA, WB8DTM, WD4IIS)
65,700- 574-100- ABCDE
K4CKS (+WD4JLI)
15,045- 250- 59- ABC

Kentucky

KC4EG 15.870- 190- 69- **ABCD**

WB4UXY 10,089- 155- 57- ABCD
KF4ST 1180- 59- 20- A
N4AR 3040- 152- 20- B
N4ELQ (+KA4s TAY, TET, NO4R)
9592- 199- 44- ABD

North Carolina

K4CAW 4480- 118- 28- BD
K2CJP/4 1633- 66- 23- ABD
WD4ODS 920- 46- 20- AB
WA4VDS 1118- 86- 13- B
KA4VUB 328- 41- 8- B
KA4NMA 100- 25- 4- B
N4YN (+KA4s, TDT, ZBX, W1GFM, WA4QCO, WC4Z)
17,110- 265- 59- ABCD
WA4WZQ/4 (+K4YBC, KA4HKK, N4CYG, WA4s NDF, WZP, WD4GQU)
14,248- 244- 52- ABCD
WB4TQD (+NT4T)
2375- 85- 25- ABCD

Northern Florida

W4ODW 18,666- 278- 61- **ABCDE**
W4CSS 3815- 109- 35- AB
K4KJP 360- 23- 12- ADE
W4WHK 6201- 159- 39- A
W4HJW 2700- 90- 30- A
W4ZBB (N4s DXS, HZH, oprs.)
1408- 64- 22- AB

South Carolina

N4CBH 7548- 135- 51- ABCD
N4DT 5280- 121- 40- ABCD
WA4LDU 5040- 107- 42- ABD
NB4S 836- 76- 11- B
K4JLA (multiop)
5808- 176- 33- AB

Southern Florida

W3ZR 11,178- 243- 46- AB
W4WSR 396- 52- 6- BDE
WA4OFS 235- 38- 5- BD
WB8IGY 16,000- 320- 50- A
WD4NGB 10,692- 243- 44- A
WB2QLP/4 3915- 135- 29- A
W4OO 1587- 69- 23- A
K4UUZ 299- 23- 13- A
KB4CRT (+K9IJ, WB4OOJ)
9030- 201- 43- ABDI

Tennessee

WD4DGF 6384- 136- 42- ABC
WA4QYK 5085- 88- 45- ABCDE
KE4HX 2697- 93- 29- AB
AD4F 805- 35- 23- A
WA4PTZ (+KA4PWQ, KC4IS, WA4s LOH, SJB, WUQ, WB4EPG, WD4JTN)
4173- 96- 39- ABD

Virginia

WD4GXH 17,536- 235- 64- ABD
N4MM 7740- 172- 45- AB
N4RA 6600- 149- 40- ABD
W3IY/4 4620- 76- 28- CDE
K4MSG 2340- 117- 20- B
W4DEK 2070- 69- 15- D
W4IY (K4HWG, KB5YH, K0RI, KA4CKI, N4CD, N0KV, WA7EFP, WD4SKQ, oprs.)
43,587- 414- 87- ABCDE
AB4L (+KA4NZO, N4s AZI, IF, W4AAH, WA4s IVF, LPR, PGI, ZRP, WB4s BSS, WTC, YJC, WD4s BWL, DUT, DUU)
43,492- 469- 83- ABDEI
W4DO (+AA4D, KA4LXS, KB3KJ, WA4MTP)
18,386- 278- 58- ABD
W4NFR (+KA4MRS, N4GRH, NZ4N, W4NHJ)
7038- 153- 46- AB

5

Arkansas

WA5FDF 7236- 134- 54- **AB**
N5DL (+K5LG, KD5WD, WA5OOE, WD5s CAN, CAP, JWA)
31,457- 333- 83- ABCD
K5GO (+KF0M, WA0VJF, WB0UXP)
11,660- 203- 53- ABD

Louisiana

W5UKQ 990- 66- 11- BD
N5JM 4795- 137- 35- A
W5QEP 3990- 105- 38- A
W5FYZ 385- 55- 7- B
WB5NIF (+WA5YOU)
13,340- 220- 58- ABCD

Mississippi

N4JS/5 14,400- 222- 60- ABCDE
W5RCI 3480- 87- 29- **BCD**
W5UCY 2343- 67- 33- ABD
W4BFB/5 (AA4ZZ, KS4S, KU4V, N4VC, WA4VCC, WD4ABZ, oprs.)
40,107- 425- 87- ABCD
WA5WUX (+N5FKH)
5425- 152- 35- ABD

New Mexico

W5FF 8140- 183- 44- **ABC**
W5RKS 1694- 74- 22- **ABD**
K5MAT 266- 30- 7- ABC
WD5CAW (+K9IKI/5)
1520- 70- 20- ABC

Northern Texas

K5CMX 10,638- 197- 54- **AB**
WB5KTC 7298- 176- 41- ABD
WA5VJB 5096- 137- 28- **ABCDEI**
W5ETG 3128- 90- 34- ABI
K5DHU 1846- 58- 26- **ABD**
WB8TGY/5 144- 18- 8- A

Oklahoma

WB5DSH 18,144- 321- 54- **ABD**
WD5AGO 8775- 204- 39- ABD
K5WE 6864- 142- 44- ABD
W5EJK (K5SW, opr.)
1932- 70- 21- **BCD**
K7CW/5 1515- 87- 15- BD
N5DUB 1488- 62- 24- A
WD5FEH 800- 100- 8- **B**
WB5GZQ 750- 75- 10- B
N5KW (+K5CM, N5CG, W0RRY)
61,288- 601- 94- ABCDE
W5NZS (+KJ5Q)
8415- 167- 45- ABCD
DB7SQ/W5 (+KD5RQ, WB5LMJ)
2565- 95- 27- AB

Southern Texas

KC5GB 21,376- 325- 64- **ABD**
KC2TX/5 1008- 56- 18- AB
KA5CAW 4095- 105- 39- A
WA5IYX 3366- 99- 34- A
N5FUE 1248- 52- 24- A
K5LZO (+WB5RUS, WB0NFY)
21,186- 319- 66- ABCD
W5UWB (+WA5TBE)
16,576- 285- 56- ABD

6

East Bay

N6AMG 10,857- 178- 47- **ABCDE**
WD6CHL 9920- 233- 32- **ABCDE**
K2GMY 650- 35- 13- ABDE
WA6LHD 1034- 94- 11- B
WB5MAC/6 42- 14- 3- B

Los Angeles

WB6DTA 14,577- 267- 43- **ABCDE**
NN6Z 3735- 183- 15- ABCD
W6PFE 2904- 106- 24- ABC
KJ6F 1680- 61- 20- ABCD
WA6HXM 369- 41- 9- B
N6CA 594- 22- 9- E
WB6AAG (+WB6s JCD, PZJ)
11,835- 211- 45- ABCDE
K6BPC (KA6YSY, WA6HXD, WB6YVP, oprs.)
6630- 191- 30- ABC
WD6FIC (+WA6ANL)
1215- 60- 15- ABCD

Orange

K6LMN 8976- 205- 33- **ABCDE**
K6PVS 2916- 78- 27- ABDE

Sacramento Valley

NR6A 2144- 115- 16- **ABCD**
K6AAW 162- 27- 6- B

San Diego

KA6FTP 3275- 124- 25- **ABC**
W6TIK 420- 42- 10- A
W6XJ (+K6JYO, KD6R, WB6IMV, WB6OKK)
34,408- 407- 68- ABCDE

San Francisco

N6CT 12,150- 265- 45- **ABC**
WA6LLC 2716- 87- 28- ABD
W6MSN 2646- 89- 27- ABD
NI6E 864- 53- 16- AD
WB9LOZ 384- 44- 8- ABC
WA0JRB 42- 14- 3- B

San Joaquin Valley

WA6SLF 182- 24- 7- **BC**
KE6NS (+KF6GY)
4888- 188- 26- AB
WA6BAI (KD6WW, WB6VGL, WD6s CNV, DET, oprs.)
2604- 113- 21- ABCD

Santa Barbara

W6RIC 1530- 78- 18- ABC
WA6IJZ 2331- 111- 21- A
KD6JY 126- 18- 7- **B**
KA6VVD 96- 16- 6- B
AA4Q/6 8- 4- 2- B
K6MEP (K6VMN, KH6N, N6BIH, WA6s DJS, FPX, oprs.)
23,359- 387- 47- ABCDEI
K6HXW (+KA6JOE, W6OAL, WA6OYS, WB6s HJW, YQN, WD6EVS)
22,380- 312- 60- ABCDE
FI
WA6RKE (K6YZR, KJ6R, N6DKV, W6s HDO, MSG, WB6DPG, oprs.)
696- 55- 12- BD

Santa Clara Valley

K9TGT/6 2496- 104- 24- AB
K6FV 1314- 62- 18- ABD
KA6ING 1273- 67- 19- AB
KD6PY 1040- 52- 20- **A**
N6RZ 790- 79- 10- **B**
N6MG 272- 34- 8- B
WA6OCV 153- 17- 9- B
AJ6T 504- 36- 7- **D**
K6GSS (+W6YKM, WA6s AZP, HCI, VEF, WB6s KBZ, YIY)
46,400- 613- 58- ABCDE

7

Alaska

KL7WE 45- 14- 3- **ABC**
KL7OX 6- 3- 2- AB
WL7ACY 322- 161- 2- **A**

Arizona

K2DNR/7 3322- 151- 22- **ABCD**
K1SC/7 4470- 149- 30- **A**
WB7FDQ 3225- 129- 25- **A**
WB5TCO 9- 3- 1- **E**
WA7LYI (+K7OO, WA6JTM)
37,468- 482- 68- ABCDE

Idaho

N7EIJ 2438- 106- 23- **AB**
WA0DYU 432- 36- 12- A

Montana

WA1JXN 600- 30- 20- **B**
KB7Q 45- 9- 5- B

Nevada

K3ZAP/7 1938- 83- 19- ABCD
WB9AJZ/7 836- 66- 11- **BD**
KA7CVV (+KB7BZ, N7BPA, WA7JUO)
14,256- 259- 44- ABCDE

Oregon

N7DB 5796- 179- 28- ABCD
W7TYR 3750- 102- 25- ABCDE
FGHI
K7HSJ 3340- 125- 20- **ABCDE**
W7UDM 3120- 127- 20- ABCDE
W7YTN 120- 23- 4- BD
K7AUO (K7RUN, NA7T, W7s ADV, BKN, WB7s REC, UNU, oprs.)
10,075- 258- 31- ABCDE
FGHIK

Utah

N7BHC 1120- 62- 16- **ABCD**
WØETT/7 1500- 75- 20- **A**
K7SQD 55- 11- 5- A
WA4GPM 22- 11- 2- B

Washington

W7ZSL 5852- 249- 22- **ABCD**
W7UGK 2346- 129- 17- ABC
KK7B 828- 33- 12- **ABCDE**
FGI
W7ERH 803- 60- 11- ABCD
WA7PVE 770- 70- 11- AB
W7FI 4128- 172- 24- **A**
N7NW (+K7ND, N7AMX, W7YOZ, WA6NHB, WB7DTI)
21,462- 439- 42- ABCDE
FGI
WA3RMX/7 (+W7VRM)
3528- 93- 24- ABCDE
FGHI
WB7PEK (+KA7ICT)
3444- 145- 21- ABCD

Wyoming

W7LFL 640- 40- 16- AB
W7XF 1826- 83- 22- **A**
KC7QY 960- 60- 16- A
KA7GPN 72- 12- 6- A
WB7RSM 180- 36- 5- B

8

Michigan

WB8BKC 19,825- 237- 61- **ABCDE**
WA8FTA 4482- 166- 27- AB
WA8RUJ 1748- 92- 19- **B**
KA8DDQ 414- 46- 9- B
WB8KAY (+N8CKH, WA8ZVK)
21,842- 295- 67- ABCD

Ohio

N8AXA/8 8550- 150- 50- ABCD
K8WW 3770- 63- 26- **DE**
N8CCC 1554- 67- 21- ABCD
K8DW 1534- 42- 26- ABCDE
WB8JHT 750- 50- 15- A
WD8BTU 806- 62- 13- **B**
W8LCY 451- 41- 11- B
N8BJQ 216- 27- 8- B
K8MR 35- 7- 5- B
K8DIO 1122- 33- 17- **C**
K8TL 16- 4- 2- D
W8VP (K8AL, KA8s DFX, FRI, N8CQX, W5UA, W8s DJY, PR, TN, ULC, WA8s AHD, HTO, WB8s DQE, ERB, TRK, TSI, WB9YCZ, oprs.)
103,621- 647-131- ABCDE

WD8ISK (+KC8RD, N8s BPB, ECH, WA8s BBR, OGS)
45,848- 465- 88- ABCDE
WD8JPP (+WA8ZWJ)
7840- 190- 35- ABCD
K8CQA (+WB8s JAY, TEI)
4368- 156- 28- AB
K8UZW (AB8Z, KA8s HUZ, HXX, KC8QU, oprs.)
1280- 62- 20- ABD

West Virginia

KB8MH 147- 21- 7- **A**
N8II 3420- 180- 19- **B**
WB8DRR 1940- 97- 20- B
W8AEC 720- 30- 12- **D**
K3LNZ/8 (K2UOP, K3s DUA, ICH, WA3s EOQ, NZL, OYW, W4s NVW, PSJ, oprs.)
83,106- 599-114- ABCDE
K8CG/8 (+KB8ZM)
270- 23- 10- ABDI

9

Illinois

KC9OA 1100- 50- 22- **AB**
K9PW 385- 32- 11- ABD
WB9MSV 3933- 171- 23- **B**
KA9HDZ 1044- 87- 12- B
K9SB 783- 87- 9- B
K9HMB 1344- 42- 16- **C**
KA9DVY (+KA9HHC, KC9XM, KS9O, N9BZR, WA9RSD)
4000- 125- 32- AB

Indiana

W3EP/9 8925- 175- 51- AB
N9AZC 5280- 107- 44- ABC
K9DZS 1525- 61- 25- AB
W8UT/9 616- 33- 14- **BD**
K9WZB 2916- 162- 18- **B**
W9SR 1190- 35- 17- **C**
K9MRI (+K9s SLQ, TVZ)
30,400- 346- 80- ABCD
WB8HUC/9 (WB8s GEW, GEX, GEY, GFA, TCU, WD8BMC, oprs.)
16,225- 264- 59- ABD

Wisconsin

WA9LZM 1375- 55- 25- **A**
N9TD 768- 64- 12- **B**
KA9HKL 392- 56- 7- B
N9GDF 16- 8- 2- B
N9DIJ 3- 3- 1- B
K9IMM (+KB9NM, WA9s ETW, KGQ)
15,694- 241- 59- ABCDE
N9CDT (+N9CIQ, WA9HCZ)
400- 50- 8- B

0

Colorado

K0OST 2862- 101- 27- ABC
WA0VSL 1365- 64- 21- ABD
WA6ERB/0 135- 24- 5- **BD**
W9MHL 2407- 83- 29- **A**
K0ADG 40- 8- 5- A
AA0L (+AD0O, KB9YO, KX0O, KY0S, N9NC, N0s DV, EBM, WA2VMS)
34,950- 451- 75- ABCD
N0BRI (+K0s CL, DU, N0DVL, W0KEA)
22,825- 393- 55- ABCD
W0IA (W1XE, WA8ZIA, KA0DXM, KR0U, oprs.)
864- 67- 12- ABC

Iowa

WB0ZKG 8729- 190- 43- **ABD**
K0DAS 6644- 119- 44- **ABCD**
N0CIH 1199- 105- 11- BC
N9BD/0 990- 55- 18- AB
WB0USU 660- 47- 12- ABD
K0JJA 120- 15- 8- AB
WD0FOY 1150- 50- 23- A
WB0SWD 1680- 112- 15- **B**

Kansas

N0LL 10,600- 200- 53- **AB**
W0RT 9720- 189- 45- **ABCD**
WB0ISW 3948- 116- 28- ABCD
AE0C 1953- 93- 21- AB
KO0W 900- 50- 18- AB
K0VUA 495- 44- 9- BD
WA0CFQ 408- 34- 12- AB
W0SP 240- 40- 6- B
K0FPC 231- 33- 7- B

Minnesota

W0XG 8924- 194- 46- **AB**
W0RGU 3808- 101- 32- **ABCD**
W0VB 1598- 82- 17- **ABCD**
KC0P (+KA0CRO)
441- 48- 9- ABC

Missouri

WA0HOK 8528- 172- 41- **ABCD**
K0TLM 3910- 109- 34- **ABC**
W0FY 2470- 89- 26- **ABD**

W0JRP 2233- 77- 29- AB
K0CB 1472- 62- 23- ABCD
KA0NNO 1372- 49- 28- A
W9UD/0 (+AE9M, AK0P, K9s AKZ, CHZ, W9IP, W0OHU, WB9QPI, WD9FSA)
80,004- 610-113- ABCDE

Nebraska

N0AJU 4224- 132- 32- **AB**
KF0Y 3810- 127- 30- **AB**
K0US 3255- 93- 35- AB
KA0CRI 1728- 72- 24- AB
N0US (+K0NG, KA0s ABA, JGH, KC0s BM, OG, QR, WA0WRI, WB0s DGF, HXY)
8448- 174- 44- ABDEFG

North Dakota

K0ALL (+KN0A, KQ0C)
3914- 99- 38- ABCD

VE

New Brunswick

W1JR/CY1 1620- 55- 27- **ABCD**
VE1AHM 24- 8- 3- B

Nova Scotia

VE1UT 1386- 53- 21- **BCD**
CY1YX 8569- 209- 41- **A**

Quebec

VE2FUT 2607- 70- 33- **ABC**
VE2KW 144- 16- 8- ABI
VE2CUA (VE1BCZ, VE2s BAB, DUB, oprs.)
4440- 101- 40- ABCDI
VE2ADE (+VE2EHN)
846- 94- 9- B

Ontario

VE3ASO 21,868- 283- 71- **ABD**
VE3FGU 11,628- 228- 51- AB
VE3BFM 7176- 139- 39- ABCDE
VE3FGN 7120- 168- 40- ABD
VE3EYR 4278- 126- 31- ABD
VE3FN 3937- 105- 31- BD
VE3FDP 1242- 54- 23- AD
VE3VHF (VE3s ABG, AIA, CRU, DSS, oprs.)
31,570- 336- 77- ABCDE
VE3LNX (+VE3s ADJ, MLW, NSQ)
21,352- 248- 68- ABCDE
VE3CKU/3 (+VE3BXI)
5508- 150- 36- ABCD

Saskatchewan

VE5RA 286- 22- 13- **A**
VE5XU 36- 9- 4- A

British Columbia

VE7ASI 2244- 93- 22- **ABCD**
VE7PRC/7 (VE7s BHM, DMT, oprs.)
1680- 120- 14- AB
CY7NOR (VE7s ASY, EIE, EKT, oprs.)
100- 50- 2- B

DX

Bahamas

C6ADV 1092- 52- 21- **A**

Fed. Rep. of Germany

DL9KR 36- 6- 6- **D**

St. Pierre Is.

FP0SM (K1TOL, opr.) 6990- 233- 30- **A**

Japan

JA2DDN 15- 5- 1- **A**
JA1RJU 8- 4- 2- A
JA9BOH 18- 3- 3- **D**

Mexico

XE1GE 54- 18- 3- **A**
XE2XW (K5HVC, KA5DTN, W5XW, oprs.)
7095- 215- 33- A

Cayman Is.

ZF2EW (K1FJM, opr.) 8028- 223- 36- **A**

Checklogs

KA1BJ, WA1LKJ/0, W3PGA, W3WFM, WB3BGU, WA4GZA, KA5LVP, W6LLP, WB6GVB, KD7IY, W7IDZ, W8CAP, W9YCV, KQ0J,