

Results of the 2005 CQ WW DX 160 Meter Contests

BY DAVID L. THOMPSON,* K4JRB

Another record number of logs were received, breaking the 2004 record by a substantial margin. Including check logs, there were 1497 CW Logs and 802 SSB logs, for a grand total of 2299 logs. The CQ WW 160 Meter Contests continue to be far and away the most popular contests on Top Band.

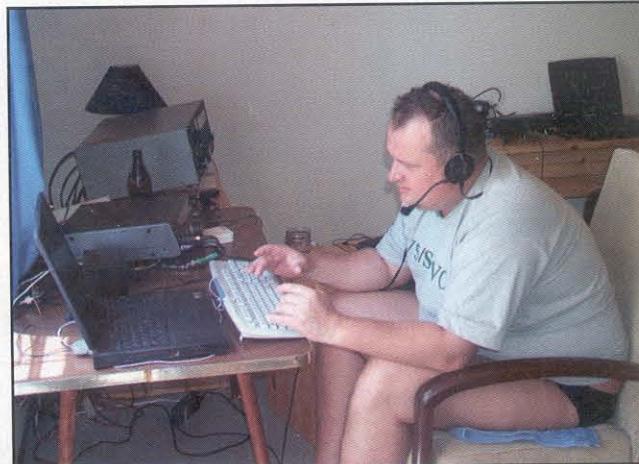
The lead story of the results this year is the records set by Al, D4B, on both modes. Al announced in September that he has closed the D4B contest station. In his final 160 effort on CW, Al broke the old record (set in 2004) by nearly 1 million points. In addition, he worked 91 DXCC counters and broke the old QSO record set on SSB by WB9Z by over 200 QSOs, recording 1995 Top Band CW QSOs. On SSB, Al set the new single operator record score and tied the DXCC count of 81. Imagine working 81 SSB counters on 160 in a short weekend! Congratulations, Al, and good luck with your new endeavors.

Noteworthy were the efforts by two Top Band veterans, Paul, N4PN, and Jeff, VY2ZM (K1ZM). Paul and Jeff piloted VY2ZM to the world high CW multi-operator plaque while placing second to D4B in overall score. Paul then operated the W8JI super station using his own call, easily winning the USA SSB plaque. Jeff went single operator on SSB at VY2ZM, winning the Canada plaque while again placing second to Al, D4B, for overall score. Al, Paul, and Jeff demonstrate that contesting on Top Band can be fun and rewarding.

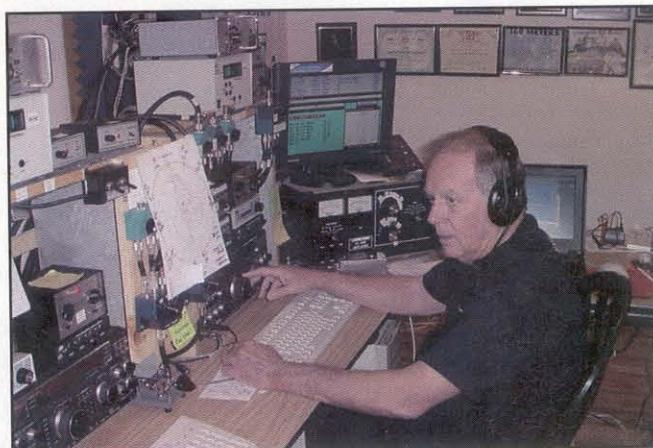
The master log shows 163 DXCC entities (that is what they are called these days) on CW and 148 on SSB. Removing unverified contacts, there were 5213 different stations on CW and 5089 on SSB. It's hard to compare numbers with all the computerized log checking software (versus the old hand counts), but any stations with medium power and at least 100 watts to an inverted-L can easily work their fill of states, provinces, and DXCC counters. The top scorers work all the states and at least 50 DXCC entities each year. If you are reading this and have never been on Top Band, why not get on and join the fun?

Please obey your rules and regulations. Most countries limit the 160-meter band on CW and usually even more on SSB. There are limits on power, too. I get complaints each year of stations operating far beyond the legal limit and transmitting far outside the allotted band. Please help us expand the operating allocations on 160 by asking your country's IARU representative to ask for a worldwide band from at least 1800 to 1900 kHz. This is one surefire way to get the IARU and ARRL type band plans to work. With the replacement of LORAN, there is no reason why there should not be a larger worldwide allocation. Ask yourself, if a United States operator can operate up to 2000 kHz, why can't the band be expanded elsewhere? In 2005 there was CW operation up to 1880 kHz and SSB operators up to 1950 kHz and beyond. Please help in leveling the playing field for all the competitors!

A few administrative notes before diving into the competition review. There are only two types of classifications, Single Operator and Multi-Operator. If you get help or use a spotting network, you are multi-operator. All multi-operators are considered



Mek, SP7VVC, a rare SSB entry from Namibia. Mek says to please listen for Africa.



Paul, N4PN, operating at CW multi-op station VY2ZM. Paul also had the high US SSB score at W8JI as N4PN.

high power, so run as much power as you can (not to exceed your legal limit). Single operators are classified by power level. That includes high, low, and QRP.

Certificates are given to the high scorers in each state, province, or country for each classification. See "Certificates and Plaques" in this write-up for more information on certificate requirements.

Maritime mobile stations count 5 points with no extra multiplier. A maritime mobile station should be in international waters and give its region as the location (R1, R2, R3).

CW

Al, D4B, broke OH2PM's nearly new 2004 record at EA8BH by a whopping 1-million points. Al also set QSO and DXCC multi-

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plier records for single operators. His 2005 record should stand for a long time. SN7Q and OK1RF burned up Europe with million-plus scores, too. To make the single operator top 10 the lowest score was 750K, or the average top score over the past dozen years. KT1V surprised everyone by taking USA honors, with AA1K (rare Delaware) and W4MYA following in second and third place. Jim, K9DX, did well scoring in fourth place USA while winning the Zone 4 plaque. VE3AT was the top Canadian, with VE3DZ traveling to rare Zone 2 and taking VE2IM to second place. C4M led the world on QRP, with surprising K3BU making the top 5 box with high USA score. OK1CF led the low power crew with VE3OSZ and NØFW leading the Canadian and USA contingent. NØFW was a busy man, as he also had the top USA SSB low power score. CT3M and MD4K followed multi-operator leader VY2ZM to place second and third, respectively, with scores well in excess of 1 million points. John, VE3EJ, made a fine sixth place finish while leading Canada. John, W2GD, led the USA again. He was warming up for the SSB section (see the SSB results). To make the Top 10 box on CW a multi had to score 847K or better. In past years a score of 847K won the plaque.

Pity poor Geoff, WØCG, who lost commercial power at PJ2T and could only operate one night (he scored 937K). UU7J broke the old mark with 93 DXCC entities (closer and closer to DXCC).

Close single operator races occurred in Pennsylvania, Tennessee, Mississippi, Belarus, Croatia, Slovakia, and Slovenia. There were tight races for low power and QRP farther down the listings. One of the closest races in the multi-operator ranks was between KØRF and KØDU in Colorado. KØRF won by virtue of getting to more DXCC counters even with 60 less QSOs. The competition on Madeira Island between CT9M and CT9C must have left the island tingling with RF. Both made the Top 10 box comfortably. Close races occurred in Japan, Croatia, Germany, Finland, Italy, Serbia, and Slovakia. Placing second in these races is not a defeat! Breaking 1000 QSOs and 50 DXCC counters used to be rare but has become commonplace.

SSB

AI, D4B, easily defeated LY4A and last year's top single operator, CN2R. His 1.46M score and 81 DXCC counters set new contest single operator records with only multi-operator UU7J's 83 beating his DXCC count. John, W2GD, went south to Aruba and put P40W in fourth place. The rest of the top 10 DX were dominated by Europe (as always) except for Herb, KV4FZ, who placed seventh and won the K2EEK CQ North America plaque.

Paul, N4PN, easily topped USA entries, with regulars WB9Z (Zone 4 plaque winner) and W4MYA (Zone 5 plaque winner) following and W3BGN sliding into fourth. Steve, W3BGN, complains that his wife's birthday is on the contest weekend so he can never enter for the full time. Jeff piloted VY2ZM to the Canada plaque and second high score overall on SSB. KP4KE took advantage of his DX location to nip Brian, VE3MGY, for world high QRP. W4TMR led the USA QRP contingent with a score better than his CW entry!

S57M easily made the world high low power score. NØFW led the USA while placing third world high, and VE9KAR led Canada. Bud, K4ISV, repeated as SSB world high multi-operator. The veteran Ukraine crew at UU7J placed second (with a high 83 countries logged). The XE1KK- and XE1VIC-led Mexican crew at Radio Club Satellite placed third from XE1RCS. Both VP5B and XE1RCS caused quite a stir on European spotting networks, too.

N2CW repeated as top USA multi-operator plus made the Top 10 box at number 8. VE3YAA made the Top 10 multi-operators from Canada, landing at number six. Two Hungarian entries made the Top 10 multi listing, including HA8KCK and tongue-twister HA8ØIARU. Even the CQ 160 robot hiccupped at the HA8ØIARU call (length of call).

Close single operator SSB races occurred in Maine, New Hampshire, New Jersey (three way), Tennessee, Oregon, West Virginia, Ontario, The Netherlands, and Slovenia. The closest race was between WA7LT and W7DX in Washington. Lamar, WA7LT, won by 72 points, with both scores over 101K. The race was also for the Zone 3 plaque. Michigan was very close (less than 1K, as was Alabama (about 1K). There was a three-way race in Nebraska among WNØL, KBØARZ, and WØHXL.

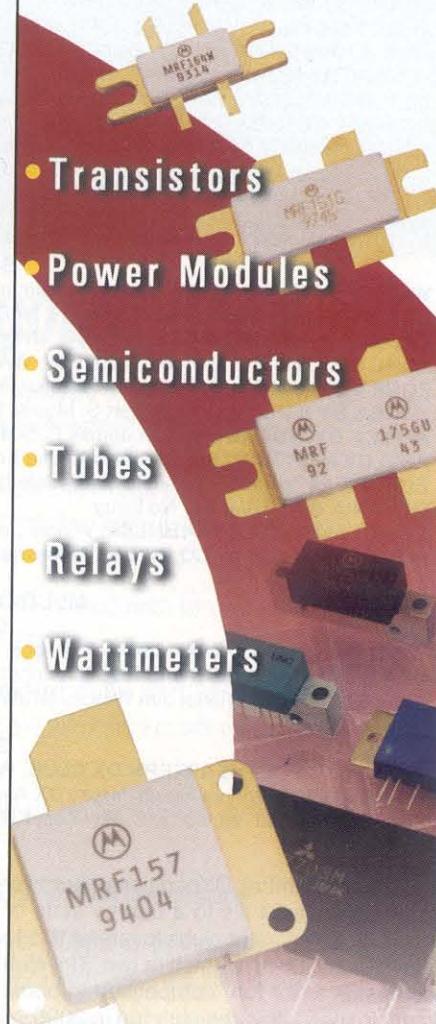
On SSB, the preferred plan is for the USA to operate above 1843 and listen down for DX. There is no DX window on SSB due to the ARRL/IARU band plan. This is just a gentleman's agreement and it's up to each operator to use his/her privileges as he or she sees fit. Please try to avoid nets already in operation and be civil in instances of name-calling and intentional interference.

Clubs

The Bavarian Contest Club set another club record with just over 12.9-million points. The Yankee Clipper Contest Club placed a strong second with 10.68-million, followed by the Potomac Valley Radio Club, the Frankford Radio Club, and Contest Club Ontario. All three scored well over 7 million. There were an astounding 28 clubs with over 1-million points.

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2005 PLAQUE WINNERS AND DONORS

SINGLE OPERATOR CW

WORLD BY W4ZV (DJ8WL MEMORIAL): Winner Alexander Teimurazov, D4B (4L5A)
USA BY K4TEA: Winner Theodore Demopoulos, KT1V
CANADA BY K8FC: Winner Ron Vander Kraats, VE3AT
ZONE 3 BY N5IA: Winner Ken Keeler, N6RO
ZONE 4 BY K4WA: Winner James Battin, K9DX
ZONE 5 BY N4PN: Winner Jon Zaines, AA1K
AFRICA BY WS9V: Winner Giacomo Patane, IH9GPI
ASIA BY K4SX: Winner Harry Booklan, 5B/K3UY (RA3AUU)
EUROPE BY K9DX: Winner Krzysztof Sobon, SN7Q (SP7GIQ)
RUSSIA BY RZ3AA: Winner John Nalbandyan, RA6AX
OCEANIA BY K9DX: Winner Ken Brown, NH6KB (N6KB)
SOUTH AMERICA BY W4NU (W4UUH Memorial): Winner: Caribbean Contesting Consortium, Geoff Howard, W0CG Operator
JAPAN BY W4ZV (JA1XAF Memorial): Winner Masaki Okano, JH4UYB
NORTH AMERICA by CQ (N4IN Memorial): Winner Ray Sawtelle, VP2E (N5AU)

SSB

WORLD BY N4NX: Winner Alexander Teimurazov, D4B (4L5A)
USA BY K4JRB: Winner Paul Newberry, N4PN
CANADA by WØETC: Winner Jeffrey T. Briggs, VY2ZM (K1ZM)
ZONE 3 BY N4TMW: Winner LaMar Ray, WA7LT
ZONE 4 BY N4XMX: Winner Jerry Rosalius, WB9Z
ZONE 5 BY K1PX: Winner Robert S. Morris, W4MYA
AFRICA BY WB4ZNH: Winner James P. Sullivan, CN2R (W7EJ)
ASIA BY NT4TT/AH2BE: Winner Mamuka Kordzakhia, 4L2M
EUROPE BY WS9V: Winner Rolandas Jokubauskas, LY4A (LY2FY)
OCEANIA BY D4B/4L5A: No Entry
SOUTH AMERICA BY D4B/4L5A: Winner John Crovelli, P40W (W2GD)
NORTH AMERICA by CQ (K2EEK Memorial): Winner Herb Schoenbohm, KV4FZ

MULTI-OPERATOR CW

WORLD BY N4RJ: Winner Jeffrey T. Briggs, VY2ZM
USA BY W8UVZ, WØCD and K8GG: Winner John Crovelli, W2GD
Zone 3 by 4X4NJ: Winner Jim Wilson, N7JW

SSB

WORLD BY SOUTHEASTERN DX CLUB: Winner Bud Foster, VP5B (K4ISV)
USA BY WB9Z: Winner South Jersey DX Association, N2CW
Zone 3 by 4X4NJ: Winner J. C. Stevens, KG7H

so, and remember DXpeditions count for your club even if it's to a nearby state or country. Every year clubs leverage this to move their club up a notch or two. The club contest is a "for fun" competition to boost participation. Join the club fun in 2006.

Logging Notes

The contest robot at kkn.net expects a Cabrillo log. Hopefully in 2006, the robot will check the QSO line in addition to the summary. Much time is lost each year trying to fix logs that are homebrew or tampered with in some way. Thanks to the yeoman efforts of Eddie, GØAZT/W6, and Bob, W5OV, most problems were resolved. AD1C and K3WW also contributed to the clean-up effort. Your submitted log reflects how professional you are, so please submit a good log and correct all defects the robot points out. A clean Cabrillo entry makes scoring of logs go faster and makes the process more accurate as well.

If you send a computer printout as a hand log, include a diskette (3.5-inch please). The contest committee will ask

you to send one later, so save yourself time. If you can't make a Cabrillo log, then just send the old log and summary format and the log will be converted to Cabrillo. Hand logs are still accepted. Please use 40 lines per page, clearly note points and multipliers per page, and include a proper summary sheet. You can obtain a paper log and summary sheet from CQ either in writing or from a visit to its web page, <www.cq-amateur-radio.com>.

For the CQ 160 contests unverified contacts means uniques above a certain percent. The log-checking program notes an exception when 3% uniques are noted, and your log may be disqualified for over 7% uniques. The average (for big logs) is about 1% unique. There is no intention of automatically removing uniques in light of the efforts by many to build stations that attract casual contacts with stations not in the contest. The routine is there to quickly catch rubber logging of unverified contacts. Several years ago one station log contained 51% uniques. This log was disqualified. Honest logs will not be affected. Please leave all duplicate contacts in the log. There is no penalty for duplicates (this

was an old hand-logging rule). Removing them might cost you a multiplier or valuable points if the first QSO is busted at the other end.

Certificates and Plaques

The rules for plaques and certificates are changed to meet conditions every so often. Only one plaque per section is awarded per entrant. The runner-up gets a plaque for country or continent. No plaque is awarded for a score of less than 30K. Minimums for low power and QRP certificates are 5K for low power and 1K for QRP. Exceptions are made by CQ 160 Committee decision (Japan Low Power, for instance). The CQ 160 Committee or the Contest Director can decide not to award a certificate if the effort is not shown (usually a very low score). A runner-up in either a state, province, or country can be awarded a second-place certificate if there are eight or more entries and the score is 100K or more. Have patience, please, as volunteers handle all plaques and certificates.

The 2006 Contests

The dates for the 2006 CQ WW 160 Contests are set for CW January 29–30 and SSB February 25–26. The contests run from 0000Z the first date to 2359Z the second date. Logs may be submitted as hand logs and snail-mailed to CQ (CQ 160 Meter Contest, 25 Newbridge Road, Hicksville, NY 11801) or in Cabrillo format via e-mail to the addresses noted below. Send e-mail logs as an attachment and not in the e-mail directly. You may also submit electronic logs on diskette (3.5 inch please). We must hold everyone to our required deadlines of February 28, 2006 for CW and March 31, 2006 for SSB. The exception of sending both CW and SSB together has been eliminated, so please make a note and pass the word! Mail logs must bear a postmark no later than the deadline for consideration.

This year CW logs go to <160cw@kkn.net> and SSB logs go to <160ssb@kkn.net>. Remember to put your call in the subject line of the e-mail. Name the log your call.log (K4JRB.LOG, for example). Mark snail-mail logs as either CW or SSB. Good luck!

73, Dave, K4JRB

W/VE QRM CW

Was tempted to go QRO but stayed with 5 watts. Very happy with the results. Thanks to all those who stuck it out with me... **KFØXV**. 100% vintage radio. Viking 1 transmitter, 811A amplifier, and 75A4 receiver... **K1DT**. Late at night with a cup of coffee in hand I remember my seagoing days on 500 kHz... **K1BTD**. Same problem as last year. Ice storm Saturday morning detuned my antenna to near the broadcast band... **N2FY**. I have been inactive for over a year so it's good to be back on and working friends. I heard some

Europeans but unable to work them due to heavy QRM. Worked BA4DW for number 106 from the mobile setup...**KH6DX/M**. It's amazing to work Japan on 160...**AD7AF**. Had to QRT due to health problems. Age is 86...**W7HS**. Sorry my log is so small. This log is my statement saying simply that "I was there."...**VA3IX**. Great opening to the west. 160 is a great band if folks are on to it...**WA2ALY**. High point was working KH6 with my QRP early Sunday morning...**W4TMR**. Only needed Asia for WAC on 160...**K1BV**. Low QRN this year to match the good band conditions...**W3TS**. Did not feel well this year and what a waste as band conditions were excellent...**WA9TZE**. My first 160 meter contest since 1990 with a decent antenna. I was stuck in a condo from 1991 to 2003...**WD9DCW**.

First contest in my 45 years of being a ham. I'll be back...**AK4RS**. Amazed at the coverage possibilities on 160...**KM5I**. 160 is still the "gentleman's" band...**WB8RMA**. It doesn't get any better than this...**N0XM**. Used a J-38 straight key for all contacts...**N2GT**. Thanks to CQ for bringing life to 160...**KA6UMQ**. I did not think I would get out so I waited until the end to operate and boy was I surprised...**K1YHR**. I have worked the contest before but this is my first time to send in a score...**K0SRL**. Good conditions both nights but best to Europe on Saturday. Vertical array played nicely. S7 to 8 line noise buried low signals...**AC7A**. Ran 100 watts to a 30 foot tall T with a 120 foot horizontal top hat. Worked good but little DX. I am working on improving the antenna for 2006...**AE6NY**. Thanks to Jeff, K4JNY, for letting me play with his toys...**K0EJ**. VP2E sent AXA. I have no idea what that means...**K1EP**. Coax went bad on the 10th contact Friday. Family birthday's kept me from repairing until late Saturday and made a few more contacts...**K2GN**. Murphy got me good this year. A snowstorm hit and power went out 13 times. At 11:45 PM it went out entirely and was not restored until the next morning. Next year has to be better...**K8FC**. Several stations had bad key clicks...**K7OX**.

Unusual to have good conditions and weather at the same time...**K4RO**. Lost my inverted L the second night...**K4CNW**. What a grind QRP is! You have to love being stomped...**K3BU**. With only a makeshift L at a max of 35 feet I scrapped plans to operate this contest. However, I finally got on to rub a contest "fix." Was I surprised at how well I did even with a high SWR...**K6VVA**. Improved my score plus worked HK1XX for a new country on 160...**K3SWZ**. Great fun. Worked 24 out of the 30 possible hours...**N1ZZ**. With a long wire only 18 feet above the ground amazed anyone heard me at all...**NO2D**. No real time to operate. Thanks, to all who heard my old Corsair...**N0OCT**. Our best team performance ever...**VE2OJ**. Nice to work 9V1GO...**VY2ZM**. Had to fight for every QSO. Back with better antenna and more power...**W9SZ**. Hastily put up an antenna to get on from my new QTH...**WA5TWL**.

DX QRM CW

Many will remember me as OK1JDX...**OK1TP**. Tough going for a QRP station...**PA0RBO**. Fun to be back on 160 meters after 16 years QRT...**JA1CMD/0**. It's a challenge to work 160 from a small lot with a small antenna...**JH3SIF**. Conditions were good but a storm took the antenna down...**LA8WG**. Great working Africa and Europe on 160 QRP...**VP2V/W3HQ**. Again entered just for the fun of it. No chance to win Hi...**DL0VLA** (op. **DL1JFM**). Nice beach operation at Laupahoehoe Point Beach Park near



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Hilo, Hawaii. The only problem was S9 plus QRN...**KH6GP**. I am also SP9JZT back in Poland...**EI9JN**. Hard work with a dipole made for 80 meters...**OM3CDN**. Had to prepare a hand log due to a computer crash. Worked the contest with 5 watts to Fritzel FD-3 40 meter off-center-fed wire...**DJ3GE**. Heard many more USA stations than I worked...**OH3WD**. Thanks to this contest I now have 46 states worked...**CT1FJK**. Heard 43 different states and provinces from North America...**HA3O**. Wow. And they keep saying CW is dead. My personal best and I am 75...**GW3JXN**. Nice to be back in this contest...**EA8ZS**. Nice hotel QTH but with heavy city noise...**CT3BH (op. OH2PM)**.

Operated from Erk Island, EU 136...**9A0R**. My first try at QRP. Conditions were fine...**DJ1AA**. Blessed with good conditions and a quiet QTH...**MD4K**. Just one new country due to limited time available. Hope to get DXCC on top band soon...**OE2S**. 35 watts to a small L. Wow, what a contest...**OM3BA**. What a great site for a contest (KV4FZ's QTH). Hardly had to move with the pile-up of North America and Europe. Sure will be back as KP2ZZ next year...**KP2ZZ**. When the power went down I turned on the generator. However, it did not provide stable and reliable AC so I was forced to quit until the next night. Life in the third world!...**PJ2T (op. W0CG)**. My receive antenna came down 15 minutes after the contest ended...**YV5MBX**. Very good conditions to the United States. Short vertical outperformed the dipole...**PC5M**. Great conditions the first night...**UA9MA**. Used a better receiving antenna than a transmitting one. Will fix that for the next contest...**VP2E (op. N5AU)**. My first 160 contest and everyone was very considerate...**XE2TG**.

Never operated 160 until coming to Iraq. FB operators on top band...**YI9VCQ**.

W/VE QRM SSB

Worked North Dakota for 160 WAS...**KC8IVC**. Stayed above 1843 following the ARRL band plan. Missed a lot of DX that I won't miss next year...**W3TS**. Maximized my limited time by looking for multipliers...**WA9TZE**. Where were KH6, KL7, LA, ND, and VE9?...**K8OOK**. Where is KH6CC?...**N7ZT**. Heard D4B but pile-up was too great...**K7ICW**. It's a challenge working the contest with a G5RV and 100 watts...**N1ZN**. Where was the DX this year?...**K1HAP**. Had the flu bug so score was low...**KB0ARZ**. Finally made 100 SSB QSOs plus worked Montana for WAS...**WA2ALY**. Noise level seemed better than usual...**KR4BD**. Working D4B. I'm his QSL Manager and am expecting a pile of QSLs...**K1BV**. My first 160 meter contest after 40 years as a ham...**WA8MGD**. Best SSB QRP effort in years...**W4TMR**. Friendly contest. I knew quite a few of the operators from VHF contests...**AF1T**. Very polite operators in this contest...**W1MKY**. Ran the contest running mobile...**AJ9J/M**. Worked the contest with a nearly invisible antenna...**AB0O**. My first ever contact with Prince Edward Island...**KI5JF**. Only worked a couple of hours as my back was hurting too much...**AA4LR**. Best conditions I have ever heard to the West Coast...**K5ZD**.

Never thought I could hold a run frequency with low power...**K8MJZ**. Worked D4B with my tri-band beam and the coax tied together...**K5TT**. Our second effort from the retired wireless site of WSC. Most of the operators were non-contesters before the contest...**N2CW**. Only managed 9

hours due to my heavy work schedule...**N0FW**. Beverages and K9AY receiving antennas let me hear the West Coast and DX such as EA8CAC and UU7J. Now to work on the transmit antenna so they can hear me...**N4XD**. Conditions improving each year as we approach the sun spot minimum...**VE3MGY**. Limited effort due to my wife's birthday dinner Saturday night...**W3BGN**. I am normally a VHF contest...**AI3Z**. Used an inverted V hung from the boom of my C-49XR beam...**K4SV**. Worked the contest from the desert near Bard, CA while snowbirding with my RV...**KB7Q**. First evening was great. Wish the second could have been as good...**K0GAS**. Heard California and Wyoming for the first time ever on 160...**N3UM**. Thanks to Tom, W8JI, and Marsha for letting me work from their great QTH...**N4PN**. Picked up the states needed for WAS plus several new countries...**N4SEA**. Good QSO rates on Friday night but much slower on Saturday and Sunday...**W4PV**. Conditions terrific the second night...**W7OR**.

DX QRM SSB

Been in this contest for over 25 years...**YV2IF**. Surprised that everyone heard my 40 watts...**RX3QDF**. K9AY receiving antenna really helped...**OK1TP**. Just glad to work anyone with my antenna just 7 feet off the ground...**C6AMM**. D4B was very strong here...**EA6LP**. No computer and no Internet at my QTH...**UA9ACJ**. No propagation here...**HC1HC**. Hope to use PC logging soon...**LY2OU**. Returned from overseas too late to be a factor...**XE1V**. My first ever HF contest...**S56ZZZ**. Band is too narrow in the Netherlands. This even with the expansion a few years ago. Still a pleasure to operate this contest

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TOP 10 SCORES 2005**SINGLE OPERATOR**

USA CW		USA SSB	
KT1V	699,259	N4PN	390,264
AA1K	621,978	WB9Z	262,602
W4MYA	552,160	W4MYA	235,554
K9DX	527,472	W3BGN	206,560
K1ZZ	506,466	ND8DX	197,659
W3BGN	489,288	KU1CW	174,450
WE3C	434,955	N3HBX	162,675
W1ECT	432,630	W3TS	151,848
NN1N	432,345	WA4TII	131,054
W4ZV	430,023	AF1T	130,575

VE (TOP 5)

CW		SSB	
VE3A	620,000	VY2ZM	952,560
VE2IM	479,325	VE3PN	259,584
VE3PN	305,970	VA3KA	244,742
VE3QAA	277,502	VE3XN	195,640
VE3CSK	262,683	VE3MGY/QRP	87,395

QRP (TOP 5)

CW		SSB	
C4M	280,920	KP4KE	109,800
OM7DX	220,311	VE3MGY	87,395
SN8F	128,790	S57MSU	48,984
HA1ZZ	125,875	VE3KZ	40,592
K3BU	124,915	W4TMR	30,942

DX CW**DX SSB**

D4B	2,919,714	D4B	1,461,376
SN7Q	1,094,828	LY4A	818,100
OK1RF	1,011,125	CN2R	745,080
ON4WW	995,562	P40W	643,356
PJ2T	937,073	HG3M	411,440
VP2E	889,491	OZ1DD	408,852
HA8DU	855,972	KV4FZ	398,886
5B/K3UY	846,769	DJ4PT	292,464
M2D	775,284	HG8R	287,892
DL3TD	750,348	S57DX	245,334

LOW POWER (TOP 5)

CW		SSB	
OK1CF	280,024	S57M	237,928
SV1/LY1DF	278,144	4L2M	141,950
4N0W	275,136	N0FW	98,352
ER5GB	262,683	DJ8UV	87,660
HA6NL	251,505	VE9KAR	76,842

W/VE LOW POWER (TOP 6)

VE3OSZ	227,120	VE3FU	183,677
VE3KP	192,223	VE6EX	150,700
VE5UF	184,405	N0FW	138,591

MULTI-OPERATOR

CW (WW)		SSB (WW)	
VY2ZM	1,591,128	VP5B	762,072
CT3M	1,473,417	UU7J	590,457
MD4K	1,232,078	XE1RCS	466,242
OM7M	985,572	HA8KCK	368,060
CT9C	977,573	EI7M	363,933
VE3EJ	965,550	VE3YAA	347,918
HA3O	924,084	YZ7W	303,310
RK2FWA	915,491	N2CW	302,202
OM8A	869,652	OL1A	280,192
T98U	847,119	HA80IARU	275,795

PAØMIR. Had computer glitches and lost a number of contacts...**C6AMN.** Very pleased to work my first VE with 10 watts on 160...**M3RCV.** Lots of QRM in Europe...**OR5N.** Worked from the Northwest Haiti Christian Mission. Homebrew solid-state water-cooled KW really helped...**HH4/K4QD.** Good test for my new FT-920...**HA1CW.** Poor conditions this year. Next time it will be better...**DC2ZL.** Wet snow detuned my antenna. Still worked about half of the stations called...**DF6WE.** Power was 75 watts, which is the legal limit on 160 in Germany...**DL2OBO.**

(Continued on page 103)

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W7SE	137,610	901	55	11	KF0XV/QRP	5,406	72	34	0	EA8ZS	CANARY ISLANDS	123,504	202	30	32	EUROPE	G3GLL*	84,912	255	13	48								
K07X*	43,264	382	51	1	N0UU*	5,285	71	35	0	EA8AHB*	37,222	105	3	34	AUSTRIA	237,250	694	9	56	G3RL*	38,857	148	6	43					
W8MJ	183,376	1067	59	14	K0CAT	146,331	898	59	12	D4B	CAPE VERDE IS	2,919,714	1995	56	91	OE8CIO	0E4PWW*	116,706	425	4	49	G0DCK/OPR	34,236	102	1	35			
K8IR	58,860	424	56	4	W0HW	87,003	602	56	7		MADERIA IS	277,992	321	32	56	OE1ZKC	76,608	306	4	44	G3KNU*	25,296	164	1	30				
W8DCQ	39,875	521	53	2	NOAT	73,728	480	57	7	CT3BH	ASIATIC RUSSIA	15,240	74	0	24	OE5CWL*	48,279	200	0	33	G3YMC/QRP	21,088	138	2	30				
K8GT*	35,695	257	56	3	ACB0W*	54,752	411	55	4		ASIA	181,611	393	0	51	OE5JZ*	53JZ*	20,889	128	2	31								
K9MJJ*	26,978	247	45	2	W0ZR*	54,369	370	56	7		AFRICA	146,340	304	1	53														
K8GVK*	22,393	194	49	0	K0JR	47,849	342	53	6	RG9A	AFRICAN ITALY	12,500	284	0	49														
K8BB	20,339	208	42	1	K4IJU	42,952	301	54	5	RG9B	W02MNO*	181,611	393	0	51														
K8YI0	15,350	118	45	5	K0KX*	34,045	258	50	2	RG9B	W02MNO*	176,743	389	0	49														
N8LJ	13,818	101	43	6	K0AD*	31,590	248	52	2	RG9B	W02MNO*	155,830	865	0	70														
NF8M*	12,207	136	38	1	K0NV*	30,576	257	50	2	RG9B	W02MNO*	400,526	642	0	67														
K8DD*	9,594	101	39	2	W02MNO*	27,948	244	51	0	RG9B	W02MNO*	181,611	393	0	51														
N8XD*	3,718	61	26	0	K0F*	9,430	99	40	1	RG9B	W02MNO*	104,360	304	1	53														
N8UZE*	1,743	37	21	0	K0MPH*	5,148	66	33	0	RG9B	W02MNO*	125,743	389	0	49														
OHIO	231,246	983	59	28	KU1CW	337,081	1164	59	47		MISSOURI	104,360	260	0	46														
N0FW*	138,591	515	59	28	AE9B	138,942	659	56	27		MISSOURI	104,360	260	0	46														
K8FH*	124,575	688	58	17	W0TT	56,606	399	54	8		MISSOURI	104,360	260	0	46														
N8BJQ	114,182	636	56	18	WBCH/QRP	15,356	156	41	1		MISSOURI	104,360	260	0	46														
K9NVR*	76,797	532	56	7	N0OCT/QRP	252	23	12	0		MISSOURI	104,360	260	0	46														
WB8UIJ*	64,256	422	56	8							MISSOURI	104,360	260	0	46														
N8AA	59,356	273	51	20							MISSOURI	104,360	260	0	46														
AE8M	40,480	319	51	4	WB0CZ/QRP	2,350	41	25	0		MISSOURI	104,360	260	0	46														
WB8FA	39,680	254	53	9							MISSOURI	104,360	260	0	46														
WA8TNO	37,380	253	56	4							MISSOURI	104,360	260	0	46														
WB8IDM*	27,120	248	48	0	W7DRA/B*	35,343	306	50	1		MISSOURI	104,360	260	0	46														
WP8PN*	26,592	241	47	1	K0GGY*	19,642	181	45	1		MISSOURI	104,360	260	0	46														
WB8RTJ/QRP	26,160	244	47	1	VN0L*	10,045	112	41	0		MISSOURI	104,360	260	0	46														
N8IW*	17,960	199	40	0	WB0M	9,030	97	42	0		MISSOURI	104,360	260	0	46														
W3USA	14,110	182	34	0							MISSOURI	104,360	260	0	46														
N8XA/QRP	10,430	130	32	3							MISSOURI	104,360	260	0	46														
N8OH*	9,620	118	37	0	K7RE*	83,753	613	56	5		MISSOURI	104,360	260	0	46														
K8MR	7,812	111	31	0	K0HW*	36,774	290	49	5		MISSOURI	104,360	260	0	46														
NW8F*	6,900	103	30	0	KD0S*	28,362	197	53	5		MISSOURI	104,360	260	0	46														
WB8WY*	6,831	96	33	0							MISSOURI	104,360	260	0	46														
W8WTS*	3,048	56	24	0							MISSOURI	104,360	260	0	46														
N8IE*	3,025	53	25	0							MISSOURI	104,360	260	0	46														
WD8EKH*	2,226	47	21	0	V01HP	255,330	418	46	44		MISSOURI	104,360	260	0	46														
WB8L*	2,112	39	22	0							MISSOURI	104,360	260	0	46														
WEST VIRGINIA	71,890	453	51	14	VE9DX*	98,410	303	51	14		NEW BRUNSWICK	104,360	260	0	46														
N8II*	61,628	281	49	22	VE1AI	183,352	402	50	32		NEW BRUNSWICK	104,360	260	0	46														
K2UOP	33,800	288	45	5							NEW BRUNSWICK	104,360	260	0	46														
WA8WV	33,800	119	30	0							NEW BRUNSWICK	104,360	260	0	46														
K8OWL/QRP	7,590	119	30	0							NEW BRUNSWICK	104,360	260	0	46														
ILLINOIS	527,472	1474	59	52	VE2IM	479,325	780	59	46		INDIANA	180,092	382	14	48														
K2AAW*	103,836	639	59	9	VE2AW*	59,731	257	46	5		INDIANA	180,092	382	14	48														
K9MM*	102,115	665	54	11	VE2FK*	9,128	71	26	2		INDIANA	180,092	382	14	48														
K9QBV*	58,905	377	51	12	K0EAT	620,000	1187	58	42		INDIANA	180,092	382	14	48														
AB9H	53,244	392	54	4	VE3PN	305,970	580	56	37		INDIANA	180,092	382	14	48														
K9WA*	34,925	276	52	3	VE30AA	277,502	608	58	31		INDIANA	180,092	382	14	48														
WB9WS	32,835	245	50	5	VE4CKS*	265,926	653	56	24		INDIANA	180,092	382	14	48														
W9XU	27,474	187	47	10	VE3PK*	192,223	594	58	9		INDIANA	180,092	382	14	48														
K9JU*	25,056	198	53	1	VE3FU*	183,677	539	59	12		INDIANA	180,092	382	14	48														
K9OR*	20,069	188	46	1	VE3NR*	138,560	452	55	9		INDIANA	180,092	382	14	48														
K9JE*	16,125	165	42	1	VE3MGY/QRP	124,310	319	46	6		INDIANA	180,092	382	14	48														
K9ZG*	8,640	84	35	5	VE3GLO*	22,350	158	30	0		INDIANA	180,092	382	14	48														
N9GH	7,700	98	35	0	VE3KZ	78,192	307	49	5		INDIANA	180,092	382	14	48														
N9LYE*	6,400	88	32	0	VE3ER*	63,250	267	49	1		INDIANA	180,092	382	14	48														
KK9DX*	4,320	74	27	0	VE3EC*	60,576	271	48	0		INDIANA	180,092	382	14	48														
WD9DCW*	4,060	67	29	0	VE3BNQ*	44,492	192	46	3		INDIANA	180,092	382	14	48														
WA9LKZ*	1,950	36	25	0	VE3RZ*	44,118	219	43	0		INDIANA	180,092	382	14	48														
WT9U*	14,309	158	41	0	VE4YU*	7,047	54	29	0		INDIANA	180,092	382	14	48														
KJ9C	8,066	87	33	4							INDIANA	180,092	382	14	48														
AD9T/QRP	5,344	79	32	0							INDIANA	180,092	382	14	48														
WISCONSIN	219,037	1066	58	25	VE6UF*	184,405	589	56	9		INDIANA	180																	

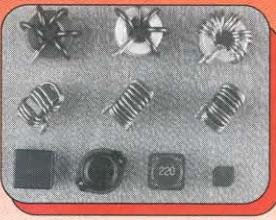
DL1RTL*	10,899	90	1	26	POLAND	1,094,828	1470	42	80	GM2W	61,429	251	4	43	SCOTLAND	OCEANIA	MICHIGAN	
DL6FCB/QRP	10,465	106	0	23	SN7Q	262,080	602	16	64	GM80EG*	8,294	75	0	22	VK2GR	W8RT	322,944	
DL3GE/QRP	10,097	91	0	23	SP4Z	247,105	631	17	56	SERBIA	61,429	251	4	43	AUSTRALIA	K8XXX	292,980	
DL5LRB*	9,959	94	0	23	SP6A	196,683	740	0	53	4NOW*	743,364	1187	31	76	HAWAII	K8JD	1165	
DL2Z*	8,840	101	0	20	SN2N*	213,108	711	0	59	YT2AV	275,136	817	6	58	OHIO	113,114	248	
DL9UJF*	7,458	78	0	22	SP4MP*	196,683	605	5	53	YT2W*	151,620	523	4	53	INDONESIA	163,800	713	
DL1BB0/QRP	5,820	66	0	20	SP2GQ	167,035	605	3	52	YT2UW*	135,407	574	2	46	YEBX	N8TR	109,470	
DL2YED*	5,040	68	0	18	SP7JKQ	163,907	91	9	52	4N1NT*	107,088	436	2	46	YB0UNC*	N8KM	358,407	
DL6RBR*	4,248	54	0	18	SP7KTH	136,612	563	0	49	YT1KT*	33,510	231	0	30	WEST VIRGINIA	11,256	112	
DL8HCO*	4,237	50	0	19	SN8F/QRP	128,790	489	1	52	YT6V*	14,690	118	0	26	INDONESIA	11,256	112	
DL4KUQ/QRP	4,140	45	0	20	SP2PH	110,136	413	1	51	YT0T*	13,427	92	0	29	YB0UNC*	11,256	112	
DL3NDV*	3,952	44	0	19	SP6BEN*	104,200	410	0	50	YT1LM/QRP	2,842	46	0	14	OHIO	11,256	112	
DK7AN*	3,691	46	0	18	SP6HE*	100,464	370	5	47	YT1UA*	1,287	14	0	13	INDONESIA	11,256	112	
DL1LPY*	3,220	34	0	20	SP9FMU*	84,364	368	0	46	WHAV	10,395	71	4	11	WEST VIRGINIA	102,808	599	
DL2LAR*	2,242	26	0	19	SP6GY*	73,392	332	1	43	N. MARIANAS	10,395	71	4	11	WEST VIRGINIA	102,808	599	
DL2AXM*	2,100	36	0	14	SP9GR*	68,112	309	1	43	IT9DEC/QRP	390	13	0	6	SOUTH AMERICA	10,395	71	
DS5NN*	1,694	26	0	14	SP5STAT*	67,500	299	2	43	SICILY	390	13	0	6	INDIANA	10,395	71	
DH7AMF*	891	24	0	9	SP6CZ	64,612	201	3	55	PY2NY*	937,073	869	56	53	ILLINOIS	10,395	71	
DF2FM/QRP	224	7	0	7	SP1DTG*	55,704	249	0	44	SLOVAKIA	HK1XX	1,885	21	4	9	INDIANA	10,395	71
GREECE	54,080	272	0	40	SP4GFG/QRP	49,960	251	0	40	OM7CW	323,196	897	5	64	ILLINOIS	10,395	71	
SV1/LY1DF*	278,144	830	7	57	SP2DNI*	49,742	267	0	38	OM7MJ	317,520	859	14	56	INDIANA	10,395	71	
SV1RP	185,136	618	4	53	SP9RTI*	47,880	232	0	40	OM4EX	240,108	695	13	53	ILLINOIS	10,395	71	
SV1BFW*	4,620	40	0	21	SP9IDE*	41,106	245	0	34	OM7DX/QRP	220,311	688	6	57	INDIANA	10,395	71	
HUNGARY	37,260	164	0	46	SP1TEK*	39,431	176	0	43	OM7OM*	138,435	509	3	52	ILLINOIS	10,395	71	
HA8DU	35,196	164	0	42	SP4GHL*	35,196	164	0	42	OM4DM*	91,080	401	0	46	ILLINOIS	10,395	71	
HA8JV	28,356	167	0	34	SP1OVAF	28,356	167	0	34	OM3BA*	61,684	284	0	44	ILLINOIS	10,395	71	
HG8L	27,180	151	0	36	SP9PW/QRP	21,840	145	0	30	OM8AKW*	59,490	261	1	44	ILLINOIS	10,395	71	
HA8NL*	21,840	145	0	30	SP1PEK*	37,260	164	0	46	OM5UM*	47,936	312	0	32	ILLINOIS	10,395	71	
HA1CW*	19,574	652	6	52	SP5SGH	17,376	57	1	47	OM7AG*	47,520	299	0	33	ILLINOIS	10,395	71	
HA8VK	16,095	109	0	29	SP5BYC*	16,095	109	0	29	OM4JD*	43,089	147	2	51	ILLINOIS	10,395	71	
HA8BH*	14,266	532	3	50	SP8FHJ*	15,938	127	0	26	OM1AW*	42,680	191	2	42	ILLINOIS	10,395	71	
HA1T2Z/QRP	125,875	474	4	49	SP4AAZ*	11,564	85	0	28	OM3CON*	30,673	173	0	37	ILLINOIS	10,395	71	
HA8DZ	123,015	394	6	53	SP5CJY*	4,860	54	0	18	OM3TLE/QRP	23,910	164	0	30	ILLINOIS	10,395	71	
HA0HW*	51,686	242	0	43	HF8IARU/QRP	2,338	34	0	14	OM6AL*	19,500	162	0	25	ILLINOIS	10,395	71	
HA9IAM/QRP	35,700	217	0	34	SP1QIE1	1,470	18	0	14	OM4AMA*	11,568	100	0	24	ILLINOIS	10,395	71	
HA8QSU	26,586	120	2	40	SP8QED/QRP	536	14	0	8	K1TTT	669,600	1468	59	61	ILLINOIS	10,395	71	
HA0LG	18,507	122	0	31	SP6AEG	75	3	0	3	W1Q0A	159,885	428	53	42	ILLINOIS	10,395	71	
HA1Z*	10,764	95	1	22	SP1OVAF	1,270	164	0	46	W0MR	21,100	36	18	56	ILLINOIS	10,395	71	
HA2MN/5*	8,928	75	0	24	SP1OVAF	1,270	164	0	46	K1R1V	585	21	13	0	ILLINOIS	10,395	71	
PORTUGAL	618,901	845	46	67	CT1FJK	554,600	1082	21	73	K1LT	151,478	574	57	32	ILLINOIS	10,395	71	
IRELAND	198,198	452	22	56	CT1ILT	553,000	945	27	73	K1TWT	794,766	1438	59	68	ILLINOIS	10,395	71	
E1EIZ	301,520	647	29	51	CT1FNT*	6,942	49	0	26	K1TWT	704,970	1313	59	67	ILLINOIS	10,395	71	
E19JN*	26,565	147	3	32	ROMANIA	550,000	1082	21	73	K1TWT	341,279	916	56	45	ILLINOIS	10,395	71	
ITALY	571,710	1089	23	72	YR2I	551,998	133	5	55	K1TWT	36,081	221	43	14	ILLINOIS	10,395	71	
RA6AX	645,150	993	32	78	YR50	293,556	128	3	55	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
Russia	408,400	726	23	77	UA6LV	388,735	822	9	76	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
RD3A	303,252	788	3	71	UA3DPX	365,175	944	3	72	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
RX4HZ	283,899	715	2	75	UA3DPX	303,252	788	3	71	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
RZ6AZZ	236,304	605	7	65	RA3DX	206,505	630	2	63	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
LA7VIA	193,472	589	1	63	RA6AF	177,120	602	3	57	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
UA1OMS	174,845	640	0	55	RA6AF	148,600	341	0	50	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
RA4ZC	164,197	549	0	59	RA6AF	128,200	326	0	49	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
RA4WZ	150,684	510	0	58	RA6AF	104,200	319	1	54	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
RA4WZ	142,615	522	1	54	RA4WZ	128,200	303	1	54	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
RA4WZ	134,048	436	0	59	RA4WZ	128,200	303	1	54	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
RA4WZ	121,110	443	0	55	RA4WZ	121,110	443	0	55	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
RA4WZ	100,990	327	1	59	RA4WZ	97,450	328	0	50	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
RA4WZ	92,592	383	0	48	RA4WZ	89,726	302	3	55	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
RA4WZ	88,070	387	0	48	RA4WZ	88,070	387	0	48	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
UA1OVS*	38,600	269	0	46	UA1OVS*	36,886	319	0	48	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
UA1OVS*	36,886	241	0	44	UA1OVS*	36,886	319	0	48	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
UA1OVS*	36,038	241	0	44	UA1OVS*	36,038	241	0	44	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
UA1OVS*	35,200	230	0	44	UA1OVS*	35,200	230	0	44	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
UA1OVS*	34,554	170	0	39	UA1OVS*	34,554	170	0	39	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
UA1OVS*	34,021	181	0	36	UA1OVS*	34,021	181	0	36	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
UA1OVS*	33,101	197	0	36	UA1OVS*	33,101	197	0	36	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
UA1OVS*	32,300	197	0	36	UA1OVS*	32,300	197	0	36	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
UA1OVS*	31,500	197	0	36	UA1OVS*	31,500	197	0	36	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
UA1OVS*	30,700	197	0	36	UA1OVS*	30,700	197	0	36	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
UA1OVS*	29,900	197	0	36	UA1OVS*	29,900	197	0	36	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
UA1OVS*	29,100	197	0	36	UA1OVS*	29,100	197	0	36	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
UA1OVS*	28,300	197	0	36	UA1OVS*	28,300	197	0	36	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
UA1OVS*	27,500	197	0	36	UA1OVS*	27,500	197	0	36	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
UA1OVS*	26,700	197	0	36	UA1OVS*	26,700	197	0	36	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
UA1OVS*	25,900	197	0	36	UA1OVS*	25,900	197	0	36	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
UA1OVS*	25,100	197	0	36	UA1OVS*	25,100	197	0	36	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
UA1OVS*	24,300	197	0	36	UA1OVS*	24,300	197	0	36	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
UA1OVS*	23,500	197	0	36	UA1OVS*	23,500	197	0	36	K1TWT	1,824	51	16	0	ILLINOIS	10,395	71	
UA1OVS*	22,700	197	0	36	UA1OVS*	22,700	197	0	36	K1TWT	1,824	51	16	0	ILLINOIS	10,395		

CLUB SCORES

(Minimum of 3 three entries required for listing)

CLUB	SCORE
BAVARIAN CONTEST CLUB	12,918,460
YANKEE CLIPPER CONTEST CLUB.....	10,685,744
POTOMAC VALLEY RADIO CLUB.....	7,735,945
FRANKFORD RADIO CLUB.....	7,729,068
CONTEST CLUB ONTARIO	7,433,182
RHEIN RHUR DX ASSOCIATION	6,030,888
KTU RC (LITHUANIA).....	4,637,536
ATCC (REP OF GEORGIA).....	4,637,536
SOC OF MIDWEST CONTESTERS	3,659,866
HA DX CLUB.....	2,714,768
TENNESSEE CONTEST GROUP	2,527,100
SLOVENIAN CONTEST CLUB	2,300,316
CONTEST CLUB FINLAND	2,129,459
CROATIAN CONTEST CLUB	1,855,975
RUSSIAN CONTEST CLUB.....	1,827,918
MAD RIVER RADIO CLUB	1,718,173
SP DX CLUB	1,541,126
NORTH TEXAS CONTEST CLUB	1,496,083
NO. CALIFORNIA CONTEST CLUB	1,489,347
UKRAINIAN CONTEST CLUB	1,469,485
CRIMEAN CONTEST CLUB	1,452,663
FLORIDA CONTEST GROUP	1,399,458
SOUTH EAST CONTEST CLUB.....	1,370,567
MINNESOTA WIRELESS ASSOCIATION	1,342,723
VRHNIKA CONTESTERS (S5)	1,200,426
UDXC (RUSSIA)	1,152,614
CHILTERN DX CLUB (ENGLAND)	1,131,321
WORLD WIDE YOUNG CONTESTERS	1,051,246
BELARUS CONTEST CLUB	928,191
OK DX FOUNDATION893,063
LATVIAN CONTEST CLUB752,900
KANSAS CITY DX CLUB732,037
SOUTHERN CALIF CONTEST CLUB	670,695
READING AND DISTRICT ARC (UK).....	635,547
CAROLINA DX ASSOCIATION	616,604
DARC (GERMANY)	581,504
GRAND MESA CONTESTERS.....	568,215
HUDSON VALLEY CONTESTERS/DX	546,704
BASHKORTOSTAN DX CLUB (Siberia)	537,683
BR. COLUMBIA DX CLUB	449,057
WESTERN WASHINGTON DX CLUB	404,914
NORTH COAST CONTESTERS	379,159
SW OHIO DX ASSOCIATION	362,923
MEDINA 2 METER GROUP	355,806
CENTRAL AZ DX ASSOCIATION	354,163
CACTUS RADIO CLUB	351,607
SPOKANE DX ASSOCIATION	328,074
FOX CONTEST CLUB (SERBIA)	307,641
WILLIAMETTE VALLEY DX CLUB	307,584
CENTRAL TEXAS DX CC	270,774
CT RI CONTEST CLUB	260,445
WESTERN NY DX ASSOCIATION	258,658
KIEV CONTEST GROUP	190,864
CENTRAL SIBERIA DX CLUB	180,755
SKY CONTEST CLUB (SERBIA)	170,691
SOUTHEASTERN DX CLUB	137,179
SUCC (SIBERIA)	109,894
NO ARIZONA DX ASSOCIATION	95,656
GREEN VALLEY ARS80,387
ROCHESTER DX ASSOCIATION)72,389
WEST PARK RADIO OPERATORS69,310
KENTUCKY CONTEST GROUP64,038
VERON52,058
MOTHER LODE DX/CONTEST CLUB42,463
URE (SPAIN)37,895

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BAHAMAS												31,949										
C6AMM*	BAHAMAS		4,080	21	17	7	DJ4PT	292,464	906	11	61	SP1MW*	9,192	79	0	24	VE6JY	131,136	432	54	10	
	COSTA RICA		2,840	25	10	10	DK6WL	171,927	616	8	55	SO2EN*	9,177	84	0	23	VE6AO	31,949	157	40	3	
TI2KAC/QRP	DOMINICAN REP		1,105	15	7	6	DJ7EO	106,904	453	6	50	SP1RW*	8,883	67	1	26						
	MEXICO		8,397	64	24	3	DL2DBH	97,461	454	6	45	SP1MF*	8,349	75	0	23	W1QA	144,624	801	58	18	
XE2TG*	PUERTO RICO		XE1V	984	16	7	5	DL2RCM*	87,660	511	1	44	SP4LK*	6,446	61	0	22	W01N	8,587	118	28	3
	ST. KITTS		V44/W1USN*	109,800	276	50	25	DL2NBH	87,480	380	5	49	SP9LWH*	5,650	46	1	24	C6ANM	232,000	562	56	24
	US VIRGIN ISLANDS			984,886	618	56	58	DL5KUT	71,550	277	6	48	SO75FMU*	2,756	43	0	13					
KVAFZ	AFRICA		KP2BH*	3,180	27	9	11	DL6EZ	62,280	334	3	42	SP9BYC/QRP	175	7	0	5	WA1Z	163,590	805	58	24
CP4KE/QRP	CANARY ISLANDS			100,000	276	50	25	CT1FJK	41,328	240	2	40	PORTUGAL	60,996	141	16	53	K0TV	19,380	133	38	13
EABAC	CEUTA & MELILLA			103,694	150	12	46	DL4WA*	25,376	201	1	31	Y050HZ	48,729	263	0	37	WA1ZYX	4,344	77	24	0
	CAPE VERDE IS		D4B	1,461,379	1076	56	81	DL2LTM*	24,354	175	0	33	Y03CZW*	9,637	85	0	23	XE1RCS	466,242	854	58	44
EA9IE	MADERIA ISLAND			103,721	200	7	46	DL3MBG*	23,488	176	1	31	Y03CZW*	9,177	81	0	23	612CQ	91,685	335	47	8
CT9L	NAMIBIA			136	6	0	4	DL5MX*	21,284	148	1	33	Y04BK*	3,636	38	1	17	K2FL	7,874	114	28	3
V5/SP7VC	ASIA			5,985	37	0	19	DL4RK*	19,668	131	1	32										
UA9AL*	ASIATIC RUSSIA			50,330	163	0	35	DL5RCK*	19,200	141	1	31	RUSSIA	160,776	600	2	56	N2CW	302,202	119	58	45
UASACJ*	GEORGIA			39,649	139	0	31	DL5RCK*	18,080	131	1	31	AA2GF	60,770	451	51	8	VP5B	52,750	202	36	14
RX9AM*	IRAQ			30,510	113	0	30	DL1FV*	17,056	127	1	31	W2GB	28,224	203	44	12	RZ9WXK	762,072	1241	59	54
RV9SV	KYRGYZSTAN			11,646	71	0	18	DL0DX	16,640	113	0	32	K20WE	109,540	659	57	14					
UA9JDP	SINGAPORE			5,985	37	0	19	DL1MAJ*	15,980	103	3	33	AB2DE	96,287	557	56	17					
	TURKEY			103,721	200	7	46	DL3DRT*	14,368	106	1	31	N2WM	85,008	446	58	19					
9V1GO	TURKEY			1,837	19	1	10	DL3DRT*	14,176	99	2	30	K2NV	14,602	113	38	11					
	AZIA			136	6	0	4	DL5RBR*	14,040	127	1	27	AA3BL/QR	25,200	193	0	30	V31MD	192,410	529	52	19
4L2M*	ASIA			140,950	296	1	49	DL5RBR*	13,272	100	1	28	RN4AA*	38,294	186	0	41					
	ASIANIC RUSSIA			140,950	296	1	49	DL5RBR*	12,800	76	1	29	RA6AFB	30,880	158	0	40	K3DI	96,040	597	56	14
	BELARUS			14,400	85	1	31	DL5RBR*	12,020	81	0	28	W9PL	30,290	147	1	40	W9GE	38,584	325	43	9
	GEORGIA			1,837	19	1	10	DL5RBR*	11,934	88	0	24	UA4FR*	25,344	145	0	36	W3UL	5,068	83	27	1
	BELARUS			10,556	78	0	28	DL5RBR*	11,272	70	1	22	AA3BL/QR	25,200	193	0	30	OR5N	107,730	475	5	40
	AZORES			54,926	128	23	35	DL5RBR*	10,800	76	1	29	RN3G*	18,447	115	0	33					
	BALEARIC ISLANDS			14,400	85	1	31	DL5RBR*	10,275	96	0	25	RA3AL*	10,710	56	0	34	WE3C	193,424	867	58	30
	BELARUS			7,688	56	0	24	DL5RBR*	9,844	88	0	24	UA3MM*	13,110	92	0	30	OL1A	141,988	778	58	19
	CROATIA			6,888	56	0	24	DL5RBR*	9,205	44	0	15	K3WV	117,875	693	56	17	OK1KMG	35,988	222	0	34
	CZECH REPUBLIC			9A3RE*	68,327	317	1	42	DL5RBR*	8,282	41	0	17	K20WE	117,875	693	56	17				
	CZECH REPUBLIC			9A1CMS*	902	17	0	11	DL5RBR*	8,025	44	0	15	AA2GF	60,224	203	44	12				
	CZECH REPUBLIC			121,212	463	1	51	DL5RBR*	7,688	174	1	42	W2GB	28,224	203	44	12	DJ5MW	80,529	362	3	48
	CZECH REPUBLIC			61,191	324	0	39	DL5RBR*	7,315	8	0	7	K4UZ	14,602	113	38	11	DF0CB	60,280	338	4	40
	CZECH REPUBLIC			58,136	278	1	42	DL5RBR*	6,888	174	1	42	K20WE	117,875	693	56	17	DL3DX	51,940	236	2	47
	CZECH REPUBLIC			34,656	180	1	37	DL5RBR*	6,737	110	1	31	AA2GF	64,184	249	1	41	DG7RO	44,184	229	2	37
	CZECH REPUBLIC			29,205	185	1	32	DL5RBR*	6,227	122	0	27	W3SO	38,688	546	53	11	DZ7RO	38,688	229	2	37
	CZECH REPUBLIC			27,872	182	0	32	DL5RBR*	6,111	22	0	11	AA4MM	22,040	143	43	14	DZ7RO	38,688	229	2	37
	CZECH REPUBLIC			23,397	151	0	33	DL5RBR*	5,950	22	0	11	K4MM	22,040	143	43	14	DZ7RO	38,688	229	2	37
	CZECH REPUBLIC			13,471	123	0	26	DL5RBR*	5,818	100	1	31	AA4MM	16,440	711	58	14	DZ7RO	38,688	229	2	37
	CZECH REPUBLIC			11,448	87	0	27	DL5RBR*	5,765	330	1	44	AA4MM	16,440	711	58	14	DZ7RO	38,688	229	2	37
	CZECH REPUBLIC			6,262	39	1	30	DL5RBR*	5,611	59	0	17	AA4MM	16,440	711	58	14	DZ7RO	38,688	229	2	37
	CZECH REPUBLIC			4,320	44	0	20	DL5RBR*	5,220	11	0	1	AA4MM	16,440	711	58	14	DZ7RO	38,688	229	2	37
	CZECH REPUBLIC			2,280	34	0	15	DL5RBR*	4,797	11	0	1	AA4MM	16,440	711	58	14	DZ7RO	38,688	229	2	37
	DENMARK			408,852	936	11	71	LX7I	178,680	577	7	53	AA4MM	66,060	489	52	8	Y1L15	110,784	443	1	47
	NETHERLANDS			9,599	66	1	28	PA0IJM	60,200	273	1	42	NA5NM	123,662	721	57	16	LA7W	110,784	443	1	47
	ENGLAND			69,513	302	7	40	PA0IJM	54,530	265	1	40	W4TR	65,392	411	55	12	LA7W	110,784	443	1	47
	ENGLAND			5,220	56	1	19	PA0LOU	24,676	161	1	30	N8KMR	3,172	52	23	3	LA7W	110,784	443	1	47
	ENGLAND			2,538	29	0	18	PA0LOU	16,665	98	1	32	W0MR	16,200	159	41	4	LA7W	110,784	443	1	47
	ENGLAND			222	8	0	6	PA0LOU	16,665	98	1	32	W0MR	16,200	159	41	4	LA7W	110,784	443	1	47
	ESTONIA			34,510	189	0	35	PA0LOU	16,665	98	1	32	W0MR	16,200	159	41	4	LA7W	110,784	443	1	47
	ESTONIA			24,640	139	1	34	LA6WEA	67,344	279	0	46	W0MR	16,200	159	41	4	LA7W	110,784	443	1	47
	FINLAND			2,625	35	0	15	LA6WEA	67,344	279	0	46	W0MR	16,200	159	41	4	LA7W	110,784	443	1	47
	FRANCE			65,231	295	0	43	FINLAND	214,326	668	5	58	W0MR	16,200	159	41	4	LA7W	110,784	443	1	47
	FRANCE			25,338	113	4	37	SP5TAJ/QR	97,461	454	6	45	W0MR	16,200	159	41	4	LA7W	110,784	443	1	47
	FRANCE			19,320	107	1	34	SP5TAJ/QR	97,461	454	6	45	W0MR	16,200	159	41	4	LA7W	110,784	443	1	47
	FRANCE			14,112	87	0	32	SP5TAJ/QR	11,414	93	0	26</										