

# Results of the 2024 CQ DX MARATHON PROGRAM

BY MARK WOHLSCHEGEL, WC3W



**A**nother incredible year of Cycle 25, which just keeps going like the energizer bunny! For those who took part in the DX Marathon Program during 2024, propagation driven by this remarkable solar cycle once again exceeded expectations. Since its start in 2019, Cycle 25 has been more active than originally predicted. One impact to our program has been many new participants who, despite challenges like limited antenna space or low power levels, have been able to participate and enjoy the experience like never before. Now what is wrong with that? The answer: NOTHING! I have listed only a very few of the hundreds of testimonial comments that participants have submitted and I really enjoyed reading them. It makes all the work that my staff and I have done, in giving back to our hobby, worthwhile. Our greatest challenge in the program remains “getting the word out”. I again did over 80 zoom meetings to clubs, attended Hamcation in Orlando and Hamvention in Dayton to spread the word. Once folks hear about the program, the participation level spikes. Help me spread the word!

*“For me, the Marathon is a great incentive to get on the air and work DX, even though I already have all entities confirmed, and have too many other fun activities to make a competitive effort. I’m very happy running my own race—see if I can improve my results, add some Challenge band countries and digital contacts along the way, turn in a decent effort to support my local DX club’s score, and keep the station running in top condition. I salute those of you who dedicate the time needed to run this program. GL to all in 2025!—Paula, K9IR*

*Thanks for the quick reply. The new submission tool is an enormous help in getting ones’ hands around an enormous amount of data quickly. So simple to submit. Thank you,—John, K8YC*

*My 16th year participating in this event and it continues to be fun and challenging. The DX Marathon Program is my favorite of all programs!—Jim, WX6V*

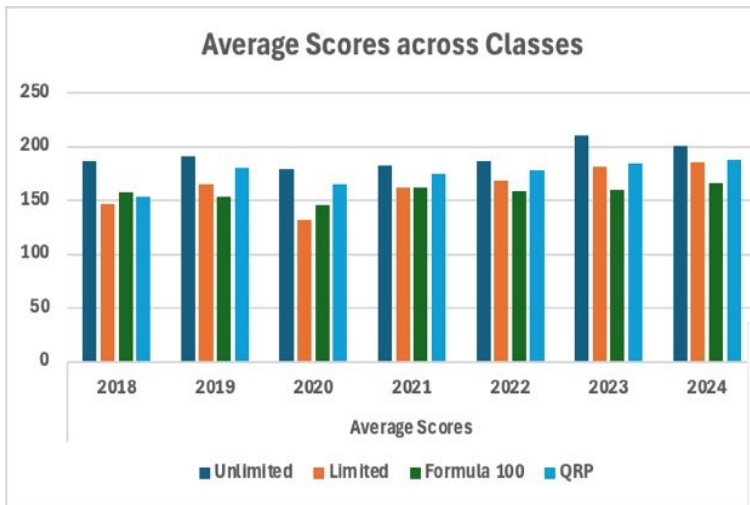
*I’m 92 years old now so this may be my last Marathon entry. It’s a lotta fun, however, and I’ll continue plugging away in 2025! —John, W4JS*

*Thanks to all the people involved in organizing the DX Marathon Program. It is truly amazing how the number of participants keeps increasing annually, 73,—Marvin, VE3VEE*

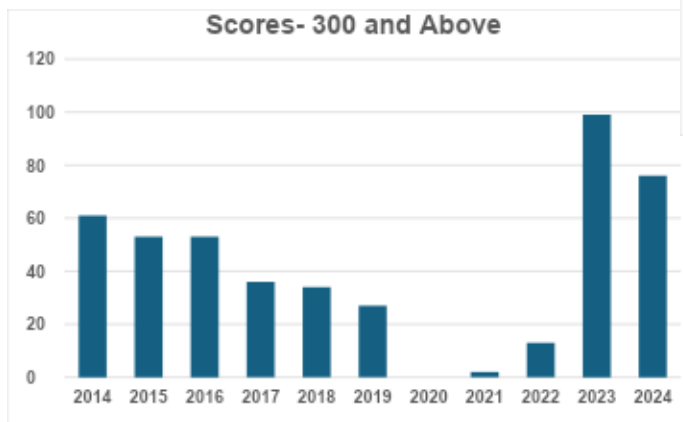
*This is my first DX Marathon entry. It won’t be my last. I enjoy “starting over” each year and it relieves the boredom of waiting for a new one to appear. Thanks for making this happen, and making it easy to enter.—Steven, NN4NT*

*I have a lousy attic antenna, but this program helps keep my interest and activity up. 73,—AI, K9XR*

The 2024 program saw continued active participation to include almost 2/3 international and 1/3 US and Canada. We pride ourselves in being a truly international DX program. Having said this, we also recognize that we must work harder in bringing the program to a number of “underrepresented” continents. NA continues to have the highest participation level followed by South America and then Oceania. Those continents that need more participation include Asia (Japan), and EU where there is a solid base of operators yet their percentage participation in the program is significantly less than other regions. One of our goals for 2025 is to try to bolster participation in these regions. In 2024, South America that is #2 in participation historically had a slide in total participation of almost 37%!



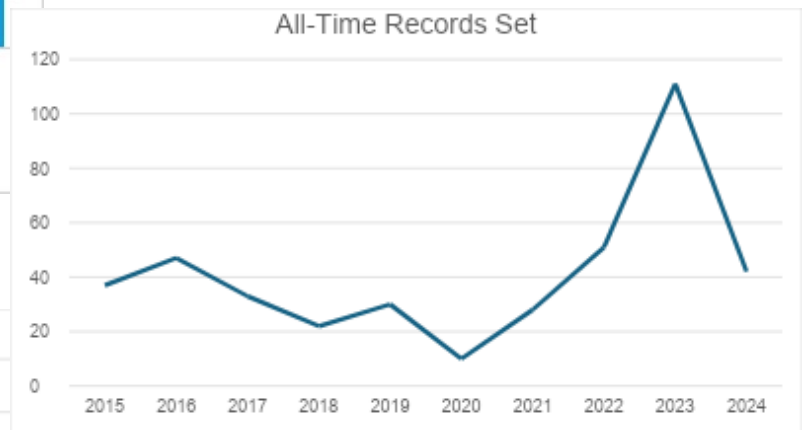
**Figure 1 Average Total Scores across Classes, all higher except for Unlimited—Cycle 25 pushes on!**



**Figure 2. Total number points achieved by Marathon participants in 2024 over 300.**

As further evidence of the impact of Cycle 25, all classes (Figure 1) saw higher average scores in 2024 compared to 2023, with the exception of the Unlimited Class, which experienced a slight decline (201 vs 210). Many people ask me during club zoom meetings what is a good score? Now, you can see the average scores and can compare your own performance against the average for your chosen class. The total validated Q's achieved is shown in Figure 2. Figure 3 shows the total number of participants achieving a point total of 300 or higher. In 2023 this set an unprecedented high of 99 while in 2024 76 participants produced this high score results. This may be due to some relaxing of Cycle 25 but could be to fewer activations. According to NG3K's tabulation, there were 750 activations (many include multiple activations in a single DXCC entity) that occurred in 2024 vs 796 in 2023. This two if accurate might explain some reductions in score over 300. Separately, your DX Marathon staff did research and determined in 2023, there were 296 DXCC operating that would result in a perfect score of 336. In 2024, the numbers were 286 with max of 326 or ten less entities in play. That's a big number.

One other metric that might be interesting to look at is what we call all time records broken in the Marathon Program. As some of you are aware, all of these statistics are maintained on the website and we invite you to check these out ([www.dxmarathon.com](http://www.dxmarathon.com)). Figure 3 shows the number of all time records broken in 2024 vs previous years.



**Figure 3. All time DX Marathon records set during program year 2024 (Total of 42 vs 111 in 2023).**

It is noteworthy in spite of fewer records being set to recognize some of those that were able to establish all time records. We will start with the single band scores where Fred, PY2XB set a new all time high record for six meters with a 214 score. A mate of his in SA, PY2LCD, Billy achieved an all time high of 292 points on 30M. Lastly George from Hungary, HA5WA, scored an all time high of 214 point on 60M. Congrats to all and you are going to love your plaques! We had a new continent high score by VK2PW, Adam. Down under just raised the bar by storming the airwaves for a new Oceania SSB record, 262 points. From the land of the kangaroos and killer DX signals, this is a record that'll echo across the bands for years. Well done mate! We had 5 new high zone records, Zone 24, BA5CW with 302, Zone 35, EL2BG 186, Zone 37, 5H8Hz 188, Zone 38, ZS2DL with 280 and Zone 39, TO2DX with 128. Congrats to all. We had a total of 19 new country scores. Remember, for 2025, we have introduced a new plaque opportunity for high country scores. If you wish to sponsor or can find a sponsor, for \$100US we can sponsor the high score for your country. So far for 2025, we have beautiful plaques to be awarded for top score in Venezuela, Turkey, Slovak Republic, and Chile. With 19 new ones in 2024, how many will we have in 2025? If you are interested, please email me. There will be an unlimited supply as long as we can secure sponsors!

## A mention about error rates

Some refer to the DX Marathon as a “program”, while others call it a “contest.” In reality, it can be considered both. Many participants join not just to complete but to measure the effectiveness of their Dx’ing from year to year. As someone once told me, “If something is worth doing, it’s worth measuring.” Regardless of what motivates you, one goal of the program is to make all of us better DX’ers. Each year, we closely monitor error rates in the data submitted by participants. We believe that great DX’ers pay close attention to details and that we all need self improvement. So, yes, we measure errors rates. Some key areas that require careful attention include:

- Recording the correct zone or country for each Q
- Logging each Q details including call sign correct
- Verifying the call to avoid incorrect spots or pirate stations

These and other best practices help improve overall Dx’ing skills. To further that goal, we want to share our latest error rate analysis with all participants.

In 2024, participants claimed 338,630 Q’s. After verification, we identified errors in one or more categories totaling 2.8% (9,521Q’s) which was an increase from 2023 from 2.0%. The three most common errors categories were:

- Wrong zone– 26% of errors
- Invalid call sign or call not found– 20.3%
- Wrong country– 16.8%

Collectively, these three categories made up 65% of all errors.

One category, “Not in log,” experienced a sharp 210% increase compared to 2023. Although it still represents a relatively small portion of total errors (12.3%), this trend is concerning. Our scoring team verifies claimed Q’s through multiple methods, and while official confirmations are not required, we expect participants to thoroughly review their logs to ensure the legitimacy of their Q’s. Refer to Figures 4 (total valid Q’s) and Figure 5 (error rates) for details.

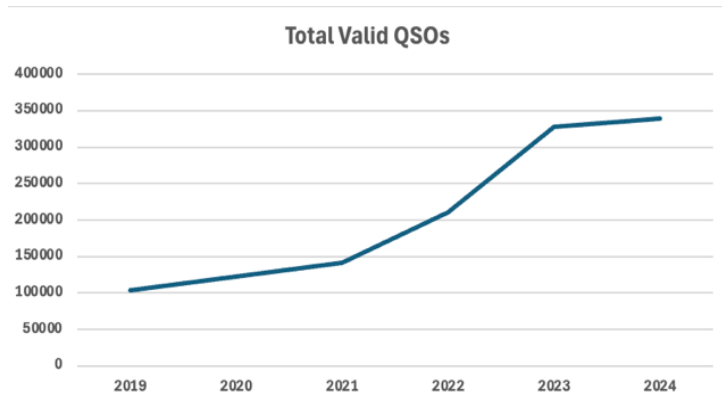


Figure 4. Total valid Q’s by participants in 2024.

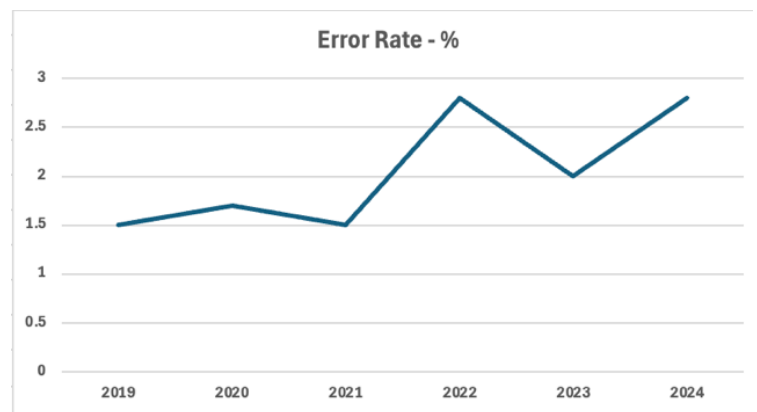


Figure 5. Total error rate all types in 2024 (2.8%)

One of the most interesting metrics to examine is how our participants are chasing DX by mode. In other words, how are the 350K+ Q’s distributed among digital, CW, and SSB? As shown in Figure 6, digital modes (FT8/FT4/RTTY) accounted for 71.1% of all submissions—slightly down from 72% in 2023. As a CWOps member and a CW enthusiast, I find it encouraging that CW Q’s saw a notable increase, rising to 16.7% of the total—up from 14.4% in 2023, representing a 15.9% jump. A big thanks to the CWOps organization, for their generous sponsorship of four plaques. Currently, CWOps sponsors awards for the top world CW score, as well as the top scores in North America and Europe. They also sponsor the top CWOps score. Additionally, for the first time in 2025, we have a new sponsor for the top CW score in South America! CWOps member in the world. For 2025, we now have a sponsor for top SA score in CW!

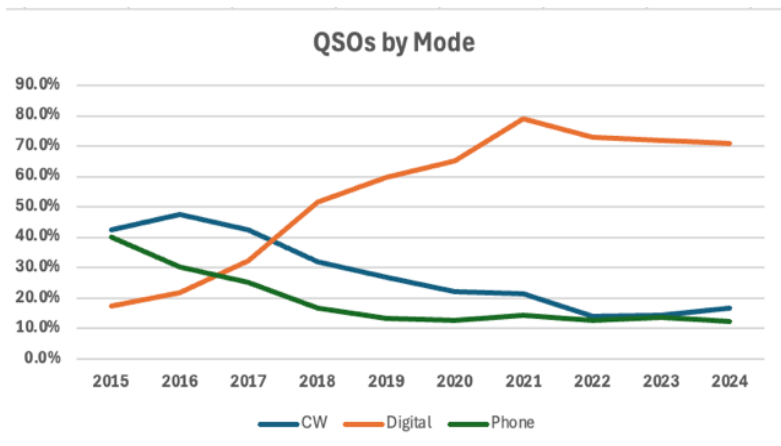


Figure 6. Q’s by Mode for 2024 submittals– CW growing

SSB in 2024 dropped to 12.2% of the Q’s submitted from a previous level of 13.7% in 2023. Therefore, CW was the only mode to realize growth as a percentage of total Q’s 2024!

Moving on with the metrics, we always like to report how the total Q’s reported by participants were allocated across the 10 bands that are allowed in the DX Marathon Program. Figure 7 shows this metric and as can be expected, 52.9 % of all the Q’s were on three bands, 10-12-and 15M. Not surprising, 10M band had almost 1/4 of all Q’s reported. With propagation what it is today, I am certain it has given many people with less austere stations a great opportunity to work DX.

QSOs by Band

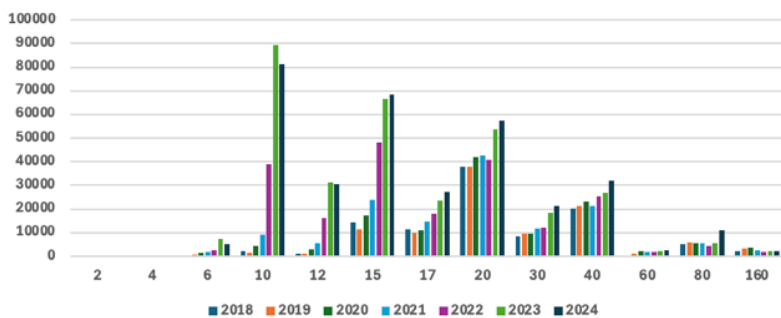


Figure 7. Total Q's in DX Marathon by Band 2024

Figure 8 shows the band information in a slightly different way.

QSOs by Band

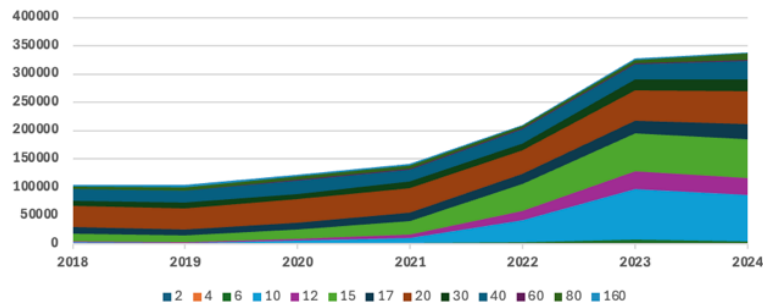


Figure 8. Distribution of Q's across Bands 2024

Participation in the DX Marathon program for single-band categories continues but overall participation remains notably low, accounting for just 6.4% of all entrants. The 10M band has the highest number of participants, while the 12 meter band sees the least engagement. In response, DX Marathon leadership will be reviewing the award structure and may introduce a minimum participation threshold in 2025 for a plaque to be awarded. If this threshold is not met, the top participant will receive a certificate instead. Figure 9 shows a graph depicting this category choice in the program.

Single Band Entrants

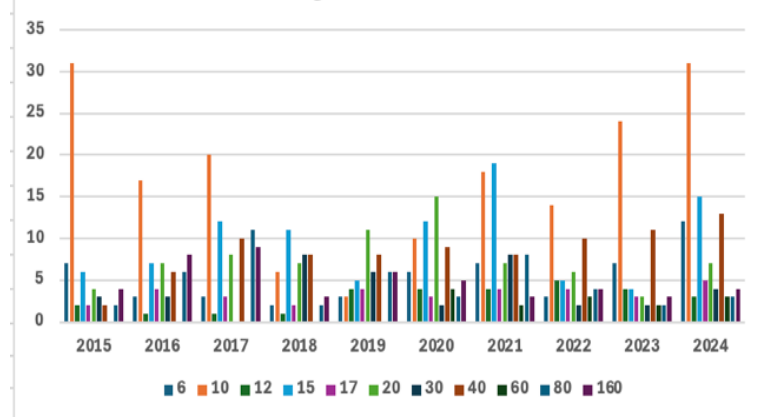


Figure 9. Single band entrants by band in 2024

## Single Mode Entrants

The final category of participants to consider are those who entered using a single mode. Figure 10 below illustrates the percentage of participants who chose to operate exclusively in one mode-SSB, Digital, or CW. The Figure shows that CW mode only participation increased by 16% over 2023 while digital decreased by 10% and SSB single mode dropped by 44%.

Single Mode Entrants - % of Total

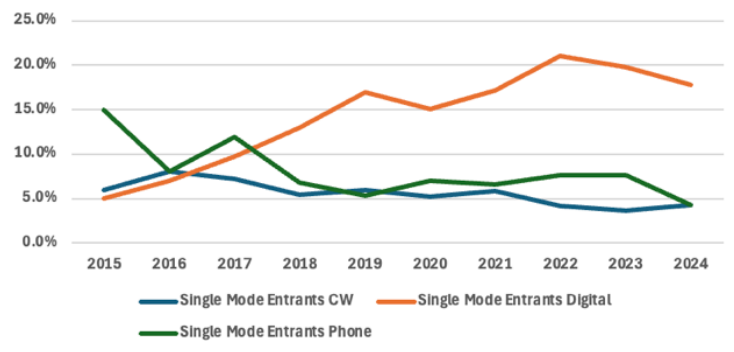


Figure 10. Single Mode – CW up, Digital down, SSB way down

Continental Participants

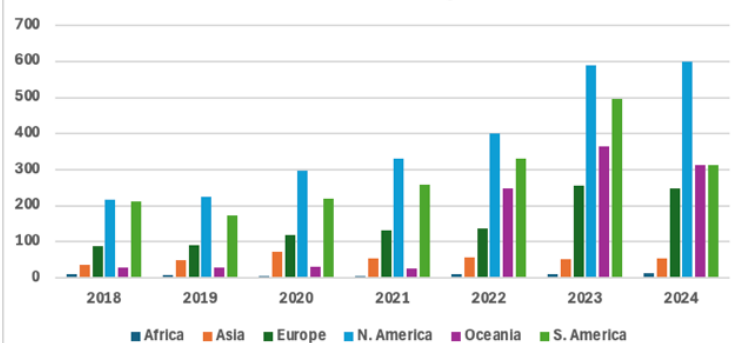


Figure 11. Participation by Continent

We are making a strong effort to encourage participation from continents beyond North America. Historically, our program has seen roughly 33% participation from North America and 67% from other regions. In 2024, North America accounted for the highest share at 38.9%, while South America, despite a 6% drop from 2023, remained the second most represented continent only by a single participant over third ranked Oceania. The participation breakdown across all continents is illustrated in Figure 11.



## And the Winners Are...

In previous years, I've traditionally kicked off the presentation of winners by highlighting the major classes. However, this year, I'd like to start by shining a light on two of my priority areas: youth and YL's. As many of you know, I'm deeply passionate about preserving our incredible hobby, and the key to its future lies in engaging new demographics. When I first took the helm of the program, I introduced the Youth Overlay, which was soon followed by the YL Overlay. In 2025, thanks to the support of our new sponsor, Ann, WA1S, we've further refined the Youth category into two distinct age groups: 15-25 and under 15. Thanks also to Bill, W2CQ a good friend of mine who also sponsors the youth category. For the 2024 year, I am thrilled to announce the winner of the World Youth category: Pia, DL7PIA from Germany! I've had the pleasure of doing a few interviews with W1DED on his podcast and took the opportunity to highly recommend Pia as a guest. Kevin followed through, and you can check out that fantastic interview at the following link:

<https://www.youtube.com/watch?v=JrglGU3o3bo>.

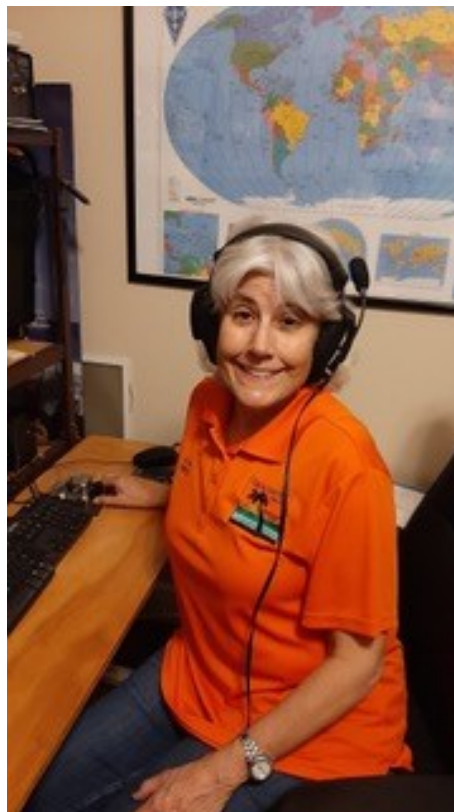


**Photo A. Pia, DL7PIA World Youth winner with a score of 283.**

The #2 high youth in the world was Takes, SV8SYK, with a score of 256. Great job Takes.

And now to the top YL score in the world, congratulations to Ann, WA1S with an amazing score of 315, well done Ann. Understand that the overlay does not preclude a YL from competing in standard categories, and with this score Ann was just 3 points off the current year's Unlimited score (318), and one point off the Limited world high score (316).

Ann's score represents an all time high for YL scoring in the history of the program. Ann works so hard on DX'ing and the results are there. Besides winning this very prestigious award, Ann is very supportive of the DX Marathon program as a personal sponsor in 2025. Ann is sponsoring the new youth plaque for young hams ages 15 years old and younger. Thank you so much Ann for your contribution, your passion for DX'ing, and your support. Ann you rock!



**Photo B. Ann, WA1S winner of top YL award and DX Marathon Youth sponsor**

The runner up in the YL overlay was Paula, K9IR with 298 points followed by Lauren, W4LEW with 286 points. Running 4th was Valerie, NV9L and next our highest international and Youth Winner, yep, that's right Pia, DL7PIA. What a future this young lady has in our hobby! Congrats to all YL's and good luck in 2025.

The Unlimited Class winner this year is John, K9EL, who was the runner-up in 2023. As many of you know, John managed the program for an incredible 17 consecutive years. That alone speaks volumes about his commitment and work ethic. We've always known John to be a serious DX'er and I would rank him among the best. With his score, he worked every possible entity qualified in our program save 9. I am sure if I would ask John about missing those, he would say, "I should have worked them." being the perfectionist that he is. Congrats John!

John secured 1st place in Unlimited with a score of 318 points. And, in true John fashion, his log had zero errors. His meticulous attention to detail in checking the integrity of his contacts is truly admirable. If you think there is no competition in the Unlimited Class—think again! Second place was a three-way tie at 315 points between Ann, WA1S, Valdeci, PY2XU, and John, W9ILY. I honestly wish I could award plaques to all these outstanding participants. In fact, the top nine spots were separated by only 4 points—an incredibly tight race!



**Photo C. John, K9EL the winner of Unlimited World with 318**

The Limited Class saw some exciting competition this year! Leading the field was James, K2JL, who claimed the top spot with an impressive 316 points—a fantastic accomplishment after finishing as the runner-up in 2023. Congratulations, James! A familiar name in the DX Marathon, James operates a high-performance station out of Norwich, NY. Hot on his heels was Can, OE1TOA, with 313 points, followed closely by last year's champion, Savas, SV2AEL, who secured a strong third-place finish with 311 points. It's inspiring to see such stellar performances from our international participants!

A special thank you to Savas for his continued dedication in setting up and managing the DX Marathon Facebook page. Your contributions are deeply appreciated. If you haven't visited the page yet, be sure to check it out—it's a fantastic source for updates and helpful information.



**Photo D. Savas, SV2AEL third place finisher Limited Class– 311 points and many thanks for the DX Marathon Facebook page.**

### **Why participate in the DX Marathon?**

Many participants join the program not to win prizes or to compete, but to track their own progress year over year in chasing DX or to compare their results with others who have similar station and antenna setups. If you haven't done so already, I encourage you to read Paula, K9IR's quote on the front page of this article—it's something I often reference in zoom meetings with clubs because it perfectly captures the spirit of the program for many: it's not about intense competition, but about personal growth and shared enjoyment.

Now, let's talk about the Formula Class— a class that I believe represents a significant portion of the amateur radio community: operators running 100 watts with simple dipole or vertical antennas. If you recall, this class saw a 400% increase last year. While growth has slowed a bit this year, it's still well within the expected range, and operators in this class remain the most numerous by far. With Cycle 25 hitting its peak combined with FT8 technology, many in this category are now able to work DX like never before. I've spoken with several operators living in condos or townhouses using attic antennas who are successfully making contacts around the globe! By the way, for 2025, I have listened to our customers, that is you participants, and we are splitting this class into two parts, the first is the traditional with 100W and the second will be allowing a full legal limit.



Taking the top spot in 2024, was Karel, OK2FD for two consecutive years as he was the winner last year. Karel scored 311 points which was just slightly short of his 315 last year. In the second position was Herman, YC7ONI with 302 points followed by Osman, TA2L with 301 points. This is an exciting Class and I hope we have additional substantive growth in the future. Congrats to all.



**Photo E. Karel, OK2FD winner 2023-2024 Formula Class– 311 pts**

Before we dive into the QRP results, I want to take a moment to give a huge thank you to our sponsors. While I can't mention every one of them here, they are all listed on our website at [www.dxmarathon.com](http://www.dxmarathon.com). Our sponsors include both clubs and individuals, and without their generous support, this program simply wouldn't be possible. I will mention just a couple as they have been so loyal in their support. The Northern Illinois DX Association has sponsored the Unlimited, Limited, and Formula plaques for years. As mentioned earlier, the CWOps organization now sponsors 4 plaques, and the Araucaria Group in Brazil, led by Oms, PY5EG generously sponsors all eight single-band plaques. We are so grateful to every club and individual who continues to support the DX Marathon. Remember, we can issue as many plaques as we have sponsors—if you wish to become a sponsor, please send me an email at [wc3w@dxmarathon.com](mailto:wc3w@dxmarathon.com).

The dedicated participants in the QRP class continue to impress. While it may not be my personal preference, I truly admire their tenacity and patience. Once again, they had a strong showing in 2024, with Dan Walker III, WG5G taking home the plaque with an impressive 302 points. You may remember that in 2023, Dan set an all-time record with 313 points—an achievement that may stand unmatched in the program's history. Congratulations once again, Dan for your outstanding participation. QRP continues to grow in popularity. In fact, for 2025, a sponsor approached us requesting a sub-class that allows for unlimited antennas, similar to the Unlimited Class.

We've made room for this request, and starting in 2025, the QRP category will include a second class. Please see the website for updated rules and details.



**Photo F. Mr. QRP, Dan, WG5G, again top honors in QRP in 2024.**

In second place with a point total of 291 was Roberto, PU2RTO followed by Stefano, IZ3NVR with 277 followed by Marcello, PY2MLO 269. Can't help but notice that all but one of the top 5 were international operators.

It is indeed fitting to recognize the single-mode accomplishments for 2024. Once again, Lada, OK2PAY who tells me 2024 was his last year of participation, walked away with the highest CW score (10th consecutive year) with a total of 297. If Lada is retiring we wish him well, and if we ever put together a DX Marathon Hall of Fame, he will be the first to be nominated for sure.



**Photo G. Lada, OK2PAY 10 consecutive #1 world CW winner!**



For another CW accomplishment, we wish to congratulate Bob, K5BG for the highest North American CW score posting 281 points in 2024. Way to go Bob in growing the CW participation in DX Marathon!

The next grouping of plaque awards include the worldwide SSB and digital score. This year, Julio is back on top with a point total of 284. Good to see you back Julio. The highest digital plaque award goes to Steve, N3SL with a score of 309. Antonio, PY2APK was a close 2nd at 308. Steve has been a consistent winner of that top Digital award.



**Photo H. Julio, W4HY first in the World Phone in 2024.**

The competition for worldwide SSB was a tie. On Phone, Ricky IU1RLJ scored 284 which tied Julio but the rules state when there is a tie, the operator whose last scoring contact was earlier chronologically will be judged the winner, and that was Julio.

### Individual Band Winners

Previously mentioned, the plaque winners for the 6M band, Fred, PY2XB, the 30M band, Billy, PYLCD, and 60M, George, HA5WA, not only won those bands but established all time high record scores on those bands.



**Steve, N3SL, again take the World digital with 309.**

I would be remiss if I did not mention the godfather of our program, Bob, W9KNI who again took the plaque on 40 meters, all phone and CW I must mention.



**Photo I. Bob Locher, W9KNI is Mr. 40 meters! Winner of the single band plaque 40 meters in 2024—again.**

The next person I want to congratulate also has been a loyal supporter and participant of the DX Marathon program for years. I call him Mr. 20M, and that will our #1 outstanding Canadian participant, Marvin, VE3VEE. Marvin again captured the 20M plaque with a score of 314 using a combination of Phone, CW, and Digital modes. Well done.

As most of you know, it is a DX Marathon policy to not issue multiple plaques to winners. We go with the highest "ranking" plaque as listed on the awards hierarchy in the Rules. However, we have an exception as the brand new "Super Marathon Plaque" which was initiated in 2024 in honor of John, K9EL's 17 years of dedication to the Marathon program is special. Marvin will be receiving a second plaque this year as he took #1 position in the Super Marathon overlay. If you recall, to be considered for this award, you had to have participated at least 5 consecutive years in the Marathon Program. We simply added the individual scores for those five years and Marvin ended up on top. Now for the really amazing news. Marvin finished with a sum of 1521 points and the runner-up John, K2ZJ accumulated 1520 points—just 1 point separating the top two. Coming in third was Barry, N2BJ with 1513 points and John, W9ILY with 1512. The spread among the top 10 finishers was just 21 points, truly remarkable. Congrats Marvin and to all. We will continue with this award in 2025. This is intended to be a one time award so those top folks this year will contend for the Super Marathon Plaque in 2025.





**Figure J. Marvin, VE3VEE the 2024 winner of both the 20M single band award and the Super Marathon award with a score of 1521.**

Moving ahead with the single band winners, 10M saw keen competition between two South American, Brazil station, with a virtual tie between Claudio, PU2KNM and Danilo, PY2DMZ with 272 points. The tie rule had to be applied and PU2KNM came out on top. For the 12M band, John, K2ZJ walked with the victory, 303 points, and a beautiful plaque while 15M was won by Bill, K2TQC with 313 points. Bill just keeps dancing around single bands and pretty much winning whatever he pursues. Bill, what's in that glass... orange juice?



**Photo K. Bill, K2TQC winner of the 15M plaque with 313 points.**

The 17 meter winner was PY2NF with 296 points and the 60M band plaque was secured by HA5WA with 214 points followed by many time past winner Ken, W1NG. Great job on a fun band fellows. George won the 60M plaque back in 2022.

The 80M single band award goes to repeat plaque winner, Sergio, PP5JR. I had the privilege of spending time with Sergio at Dayton last year and his beautiful daughter, Juliana, PU5JDA. Juliana gave presentations to both her peer group and also to youth teaching instructors at Dayton. Sergio, his wife, his daughters, his son, and his daughters fiancée are all ham radio operators.



**Photo M. 60M single band George, HA5WA**

I would be remiss if I did not mention the two last bands, 6M and 160M. I truly believe it does take a rare breed to pursue DX on these bands but many do, and I am so happy that we are all made different in our likes and dislikes! The beauty of our hobby just like the DX Marathon Program, there is something for everybody! On 6M, congratulations to our new 2024 winner, yes, another South American, Fred, PY2XB with 214 points. Fred has a second remote station and turned in a separate call, PR7XB and from that station tallied a score of 210 points. Cedric, F5UKW last years winner was third with 208.

On 160M band, we had Dieter, DL8OH turn in a scope of 150 points followed by last years winner, Rich, K7ZV with 131 points.



**Photo N. Sergio, PP5JR the only heart surgeon in our program (I think) and winner of the 80M band world plaque**



## Continent Winners

We had some special top continent winners this year. Those worthy of mentioning include veteran participant and frequent winner Jose, CT3MD that took the African continent plaque with a score of 313. Asia was won by another operator very frequently at the top in the Marathon Halil, TA2LG. We welcome Serge, R6YY back into the Marathon who took the top European continent plaque, great to have you back Serge. In Oceania, Andi, YE1BON captured the honors with a score of 312 while Valdeci, PY2XU nabbed the South American top score with 315 points.

## Challenge and Club Winners

We have two more plaque categories to discuss and that is the new Challenge Program introduced in 2024 and of course the Club scores.

As for the Challenge, we introduced this class with a limit for signing up. As all know, the DX Marathon does not require for normal participation any signup. We had some concerns about over subscribing and the impact on our scoring system because each entry represented 8x the scoring load. We limited it to 75 participants and in fact had 175 sign up! Thank you all for your interest and we will see how it goes for 2025. We still want a sign up because the numbers do need to be managed so send me an email if you have interest. The Challenge was established for the veteran DX Marathoners who wished to pursue DX on each individual band 10-80M (8 bands). The objective is to work as many DXCC entities plus zones in each band. Your scoring team sums up each band and that is your final score. We have two plaques to issue this year, the top score and the runner up. Oms, PY5EG achieved a total of 2159 points to secure the top plaque and the runner up was Oscar, EA1DR with 2098. From there the scores dropped to 2,000 and below.



Figure O. Oms, PY5EG the winner of the first Challenge Class plaque. Thank you Oms for your participation and the contributions to our program from the Araucaria DX Club

Moving to the Club competition, as all know we are very bullish on Club participation and in 2024, we created three divisions of club, Large, Medium, and Small Club to try to level the playing field. We were able to find sponsors for all three levels and the results are now in. Winning for the third time in a row was the YB-LAND DXing Passion Is Club out of Indonesia with a total 39172 points.



Figure P. Bob, W5BG the winner of the high North America CW plaque

The winner of the medium size club and their first serious year of participation was the Potomac Valley DX Club with a score of 40277. Lastly, the winner of the small club plaque (25 or less entries) was Italian Contest Club from Italy. Please review the 2025 rules on the website as further classification changes were made for this year's club rules.



Photo Q. Jose, CT3MD this year's winner of the African Continent plaque with a score of 309 points.



Figure R. Halil, TA2LG winner of the #1 Asia plaque with 313





**Figure S. Valdeci, PY2XU with a nice score of 315 points to win the highest score in the South American continent.**

### Certificate Winners

We, in the DX Marathon Program, believe that recognition for worthy and hard efforts deserve recognition. This year we will issue over 130 certificates to those who participated in the program. The details of the certificate awards are provided on the [www.dxmarathon.com](http://www.dxmarathon.com) website. Certificates are awarded for the top continental score for each of the three modes, top score in each country, top score in each CQ Zone, top score in each Canadian call district, top score in each USA call area for each of the DX Marathon classes plus the top single mode score in the USA. Congratulations to all the certificate winners this year.

### Some Operating Advice and Suggestions

Most of you have visited our website [www.dxmarathon.com](http://www.dxmarathon.com). Your operating staff spends lots of time keeping this website current and it is the primary conduit between my staff and all of our worldwide participants. Each section of this website holds lots of information that will help all of our participants. The website also includes the current year rules translated into 12 languages. If you don't see your language on the Rules Tab, please let me know and we will ask you to translate it and it will be posted. We have past records on the website so as you are contemplating which category that you wish to enter, you can calculate your scores in advance and decide by looking at past results. There is no early declaration required in our program except for the Challenge as previously mentioned. You can decide at the time you submit. Note also that you can submit right now for 2025. Each and everyone of you are in the program. Simply go to your logging program, create and adif file, and upload it to the site specified on the webpage.

By far, one of the most important helpful tools available to you is listed under the Resources tab. Here you can look at many sub-categories. The most valuable will be the Valid Calls & Notes, and Invalid Callsigns.

Why are these so important? Please remember that each participant is responsible for the accuracy of their submission. If you make an error, you will incur a one point deduction for each mistake. I know from my own experience that my errors have decreased over time because of the time I spent verifying my submissions.

When logging a QSO from a DX spot, listen carefully to the DX station to make sure the callsign is logged correctly. As you saw earlier in this article, a large percentage of all point subtractions are due to busted or incorrect calls. It is truly amazing to see a station reported with the wrong call propagate through spotting networks right to your own submittal. The database that we use to check calls for QRV's includes start and stop dates so make sure you are properly logging the correct dates.

### Special Thanks to So Many

This has been a special year for the DX Marathon Program. There are many forces present that make this program what it is today. First of all, we would not exist without the generosity of our sponsors. These sponsors, that include both clubs and individuals, make it possible for the DX Marathon to exist. Without them, there would be no DX Marathon Program. We ask all the plaque winners each year to do two things....the first is to send us a photo of you in your shack holding the plaque, and, far more importantly, we ask each of you to send a personal email to the sponsor of the plaque thanking them for their generosity.

Just as importantly, I would like to thank my loyal and hardworking staff. They have spent hundreds of hours this year in making this program what it is today. Larry Loen, WO7R upgraded and rewrote the entire scoring system that will allow us to score many times the participants that we had this year, and with a greater level of precision. Sebastian Delmont, KI2D redesigned our website, created a one-step submission tool that greatly simplifies submissions, and has provided assistance and training to me on how to manage and make changes to our website.

John Samuels, K2CIB reviews many DX publications daily and provides inputs to all of us on good calls, broken calls, pirates, dxpedition details, etc. He spends hundreds of hours a year keeping you, our participants, with updated information. Doug McDuff, W4OX our compliance manager has assisted me in evaluating rules, etc. Jim, AD1C has supported us also with his data base research on calls, pirates, etc. His data base is the best and most accurate in the world and we do appreciate his continued support.

We also wish to thank our developers who have supported our program. I know it has not been easy as we transition to the new submission tool, but we do appreciate your continued support as we move the program forward. There will undoubtedly be further changes as we enhance and make the program more interesting to more people. Please hang in there with us and continue to support the Marathon.

We wish to thank all of our participants worldwide. As previously mentioned, we are an international program and our aim is to expand participation in a number of areas including under-represented countries. We cannot do this by ourselves as we do have limited resources. We ask that you spread the good news to your fellow hams in your respective countries. I would thoroughly enjoy zooming to clubs in other parts of the world as I have done in NA and SA. I would be more than happy to do these meetings but I need your assistance.

I would like to thank those of you who have generously given donations to assist us in offsetting our costs. We do have costs throughout the year and to expand the program further, it is imperative that we build up our working capital. If you have \$5 or \$10 please consider donating through PayPal or by other means as described on our website. PayPal is international, works just fine and costs nothing, when you send it to a "friend". Please consider.

### **WC3W Final Comments**

Although our participation this year was robust, we were able to catch our breath and enhance our program. I consider our participants our customers and as I did when in industry, I learned early on that you always listen to your customers as they more than not have great ideas for your product or service. We encourage your active involvement through our Facebook page, through Group IO, or send us emails directly. I can't promise you we can implement your suggestions, but I can promise you we will listen and discuss your ideas. My aim for the future years is to keep grinding out and doing as quality a job as is possible through our volunteers to produce a quality product for you, our customers, while at the same time expanding participation.

There are some continents in the world that are grossly underrepresented when considering the number of active DX radio operators. I continue to think about how we can gain exposure to these areas. If you wish to help us through attending local clubs activities, hamfests or any other venues that involve a collection of active ham radio operators, please let me know how we can support you.

Please enjoy your participation in 2025. We don't know how long the Cycle 25 will hang in there but it does not get much better than it has been the last couple of years. The following pages post the many results for 2024. Enjoy and "Gud DX'ing.

73, Mark Wohlschlegel, WC3W



## TOP SCORES

Call sign is followed by score

Callsign is followed by score		Digital		South America	
		N3SL	309	PY2XU	315
Unlimited Class		PY2APK	308	PY2APK	308
K9EL	318	IK2RPE	306	PY2MST	307
WA1S	315	W9JJB	298	HK3W	301
PY2XU	315	EA3HRE	297	PY4OY	298
W9ILY	315			PU2UAF	298
N2BJ	314	Africa			
N4RJ	314	CT3MD	309	6 Meters	
K4ZO	314	ZS2DL	280	PY2XB	214
R6YY	314	ZS1A	243	PR7XB	210
VE3VEE	314	ZS4JAN	235	F5UKW	208
		EA8TR	227	PY5EW	201
Limited Class				IK7EOT	189
K2JL	316	Asia			
OE1TOA	313	TA2LG	313	10 Meters	
SV2AEL	311	JE1FQV	309	PU2KNM	272
IK2RPE	306	TA6B	303	PY2DMZ	272
TA6B	303	BA5CW	302	PY2MLO	269
AF7NX	303	JA0DAI	302	PU5SVE	219
				ZL2IFB	179
Formula Class - 100w		Europe			
OK2FD	311	R6YY	314	12 Meters	
YC7ONI	302	OE1TOA	313	K2ZJ	303
TA2L	301	OK2FD	311	PY5XT	261
OK2LW	297	SV2AEL	311	TA1HZ	1
KD2CDV	296	LY5W	310		
		DJ3AA	310	15 Meters	
Formula Class - 5w		IZ2AMW	310	K2TQC	313
WG5G	302	F6GCP	310	PY2MST	307
PU2RTO	291			PU2UAF	298
IZ3NVR	277	North America		PY7GB	184
PY2MLO	269	K9EL	318	SP4NKJ	183
I4KYO	248	K2JL	316		
CW		WA1S	315	17 Meters	
OK2PAY	297	W9ILY	315	PY2NF	296
PA3FQA	292	N2BJ	314	PY4FD	286
K5BG	281	N4RJ	314	PY2DPM	217
K1WNT	268	K4ZO	314	PY2CER	208
YD9HJD	268	VE3VEE	314	PY5AMF	117
Phone		Oceania		20 Meters	
W4HY	284	YE1BON	312	VE3VEE	314
IU1RLJ	284	YB5QZ	310	VK3TX	257
VK2PW	275	YB1AR	308	CO2HA	136
N3CDA	268	VK6DW	303	VJ3O	106
IZ5CML	267	YC7ONI	302	PR2N	85

<b>30 Meters</b>		<b>Super Marathon</b>		PY2XU	315
PY2LCD	292	VE3VEE	1521	CE3BT	259
KE5HDE	244	K2ZJ	1520	LU8EKC	280
SQ3RAX	151	N2BJ	1513	DJ3AA	310
NB3R	114	W9ILY	1512	OE1TOA	313
		K4ZO	1510	R6YY	314
<b>40 Meters</b>				UA9FAR	284
W9KNI	270	<b>Continental Modes</b>		TA2LG	313
K9CJ	191	<i>Phone</i>		A71AE	274
YD9IGP	75	TA4CS*	89	VU2FGQ	275
YG4SAP	48	IU1RLJ*	284	BA5CW	302
YC0VM	32	W4HY	284	JE1FQV	309
		VK2PW*	275	4F3BZ	279
<b>60 Meters</b>		PY4JW*	258	YE1BON	312
HA5WA	214	<i>CW</i>		VK6DW	303
W1NG	196	IG9/OU2I*	42	VK3SIM	301
PY5EJ	127	TC3X*	149	C21TS	251
		OK2PAY	297	ZL1MTO	280
<b>80 Meters</b>		K5BG	281	CT3MD	309
PP5JR	232	YD9HJD*	268	EL2BG	186
DL6DH	208	PY4XX*	240	5H8HZ	188
LX/DF2SD	24	<i>Digital</i>		ZS2DL	280
		ZS4JAN*	235	TO2DX	128
<b>160 Meters</b>		TA4RC*	291	TF3JB	253
DL8OH	150	IK2RPE*	306		
K7ZV	131	N3SL*	309	<b>Countries</b>	
N3AAA	101	YE9CDL*	292	3D2/C	3D2NB 110
PY5XH	61	PY2APK*	308	4X	4X1ST 229
				5H	5H8HZ 188
<b>CW - Europe</b>		<b>Zones</b>		8Q	8Q7HZ 91
OK2PAY	309	KL7TC	270	8R	8R1TM 123
PA3FQA	294	N6WT	311	9A	9A2EU 307
IK1PMR	286	K9EL	318	9H	9H6EE 136
PA0INA	257	K2JL	316	A3	A31DL 119
OZ3SM	224	XE1EE	230	A7	A71AE 274
		TG9ADQ	113	A9	A92GE 266
<b>CW - North America</b>		CO2AV	281	BU	BV1EK 225
K5BG	281	HK3W	301	BY	BA5CW 302
K1WNT	268	PY2XU	315	C21	C21TS 251
K5DC	266	CE3BT	259	CE	CE3BT 259
W4JS	266	LU8EKC	280	CO	CO2AV 281
W3GW	248	DJ3AA	310	CT	CT1IUA 308
		OE1TOA	313	CT3	CT3MD 309
<b>Challenge</b>		R6YY	314	CX	CX7BBR 275
PY5EG	2159	UA9FAR	284	DL	DJ3AA 310
EA1DR	2098	TA2LG	313	DU	4F3BZ 279
K3MM	2000	A71AE	274	E5/N	E51WLG 142
N6RW	1972	VU2FGQ	275	E7	E74YM 34
VK3NX	1968	BA5CW	302	EA	EA3HRE 297



EA8	EA8TR	227	VE	VE3VEE	314
EI	EI2GLB	298	VK	VK6DW	303
ER	ER/UR7FM	151	VP9	VP9KF	110
ES	ES4AW	204	VU	VU2FGQ	275
F	F6GCP	310	XE	XE1EE	230
FS	TO9W	168	XX9	XX9ET	167
FW	FW7AA	170	YB	YE1BON	312
FY	TO2DX	128	YO	YO3APJ	281
G	M0NKR	301	YV	YV5OIE	250
GI	MI0BHX	213	ZF	ZF2KM	87
GJ	MJ/TA1HZ	90	ZL	ZL1MTO	280
GM	GM5DDX	231	ZS	ZS2DL	280
GW	MW0CRI	300			
HA	HA1DAE	234		USA Modes	
HK	HK3W	301		Phone	
I	IZ2AMW	310	W4HY		284
IG9	IG9/OU2I	42		CW	
IT9	IT9FTP	303	K5BG		281
JA	JE1FQV	309		Digital	
K	K9EL	318	N3SL		309
KH0	KH0/KC0W	205			
KH6	WH6EY	218		US Call Areas	
KL7	KL7TC	270		Unlimited	
KP4	KP4JFR	269	W1-W1JR*		298
LA	LB2TB	240	W2-K2TQC		313
LU	LU8EKC	280	W3-K3RA*		312
LX	LX/DF2SD	24	W4-WA1S*		315
LY	LY5W	310	W5-NA5C*		302
OD	OD5YA	288	W6-N6WT		311
OE	OE1TOA	313	W7-K5IB*		306
OK	OK2FD	311	W8-KM8V*		295
OM	OM2DX	304	W9-K9EL		318
ON	ON6NL	304	W0-N3SL		309
OX	XP2I	96		Limited	
OZ	OZ1FHU	295	W1-W1MI*		215
PA	PA3FQA	292	W2-K2JL		316
PY	PY2XU	315	W3-K3STX*		286
PZ	PZ5TW	175	W4-AA8R*		291
S2	S21AF	147	W5-K5DC*		266
S5	S5/TA7YLY	27	W6-K7QDX*		237
SM	SM5TOG	269	W7-AF7NX*		303
SP	SQ8N	301	W8-WA3JAT*		284
SV	SV2AEL	311	W9-K9GA*		300
SV9	SV9COL	275	W0-K0XM*		248
TA	TA2LG	313		Formula 100W	
TA1	TA1CM	297	W1-AK1P*		248
TF	TF3JB	253	W2-KD2CDV*		296
TG	TG9ADQ	113	W3-K3HW*		210
UA	R6YY	314	W4-W4LEW*		286
UR	UT9NL	54			

W5-AC7P*	269
W6-NC6RJ*	233
W7-N2WLG*	253
W8-K8KWT*	288
W9-KU9Z*	252
W0-AD1C*	276

#### Formula 5W

W2-WA2VKG*	134
W4-N9SM*	184
W5-WG5G	302
W6-W8QZA*	217
W7-K7FR*	228
W8-K8ZT*	224
W9-W9KVR*	220

#### Canada Call Areas

VE2BR	296
VE3VEE	314
VA4ADM	190
VE7KAJ	256

#### Youth

DL7PIA	283
SV8SYK	261
PU5FJR	249
9A/TA7YLY	236
KJ7KOJ	235
WY5A	196

#### YL

WA1S	315
K9IR	298
W4LEW	286
NV9L	281
DL5PIA	277

#### CLUBS - LARGE

YB-Land DXing Passion		
Is	Indonesia	39173
Rio DX Group	Brazil	14699

#### CLUBS - MEDIUM

Potomac Valley Radio Club	USA	40277
Southeastern DX Club	USA	13525
Western Washington DX Club	USA	10971
Northern Illinois DX Association	USA	9878
Araucaria DX Group	USA	9196

#### CLUBS - SMALL

Italian Contest Club	Italy	9289
Hudson Valley Contesters and Dxers	USA	4119
Carolina DX Association	USA	3928
Mother Lode DX/Contest Club	USA	3772
INTEREST GROUP RTTY	Germany	3215

MODE & BAND SCORES

CW

OK2PAY	297
PA3FQA	292
K5BG	281
K1WNT	268
YD9HJD	268
SM6CUK	267
W4JS	266
K5DC	266
W3GW	248
PA0INA	247
EI7CC	241
PY4XX	240
LB2TB	240
OZ3SM	238
N7US	238
K0AL	215
WS7L	213
W8AV	210
W2NK	209
PY2WMW	207
CX5FK	206
PY2XL	205
G4BUE	204
KY0Q	192
DF7TV	191
SV1AZL	190
IK2ULV	184
W4NF	167
YB1UUN	167
DL8MF	165
K1GU	164
PT9DX	158
K0VSH	154
SV8OVJ	152
IU0ITX	150
TC3X	149
PY1KO	144
LY2BVM	140
AA4NC	139
9H6EE	136
W4PID	128
N2FT	125
TA3SA	122
NEI	121
W2XL	120
PY5AKW	120

VP9KF
JR1NKN
K9KJ
PY1XW
XP2I
N9EEE
PY1FOX
OU2I
LZ2BE
PY4RGS
W1HRB
PV8DX
IG9/OU2I
NK2Y
PY2HA
PY2RH
PX2G
ZX7I
TF2R

PHONE

W4HY
IU1RLJ
VK2PW
N3CDA
IZ5CML
F4DSK
PY4JW
AK9PL
VA3IDD
IU2SMA
PY6HD
MI0BHX
PY1KV
KD8NYP
PY2OX
KK7MJD
PP5KW
N4BQQ
YD1SHY
OM4AIM
YC1RJL
W5MPB
ZV5N
WK1W
ZV1T
TA1API
PX2R
PY2CPS
HK4X

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YY5ALI
CB4T
YC1BVK
MJ/TA1HZ
YB3BBF
CE6TRA
TA4CS
KG5JCK
YB1JYL
PY2PZL
PU2WYP
YB1RDH
PY1KG
W3OU
TA3P
UT9NL
TA3MBG
PY6GOE
ZX5D
CB7A
PY2UEB
PY2IG
SV1TBU
YF1BUB
PY2MAM
YD1ARO
ZY1KDT
ZY2MAR
CE/PY2TTN
YC0AIB
ZW1KDT
YC1UBI
PY2LHA
LW4EF
GJ/PY2TTN
TA3STR
DIGITAL
N3SL
PY2APK
IK2RPE
W9JJB
EA3HRE
KD2CDV
N4EMG
IK5FKF
PY7ZZ
OZ1FHU
YE9CDL
EA5YI

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YC1EOM
PU2RTO
TA4RC
IK0PEA
5P1KZX
AA8R
EC3A
W6XK
YB2CNF
UA9FAR
CO2AV
AD7Z
K7AGE
K4AAX
VU2FGQ
CX7BBR
PY2ATI
W4UWC
LU2NI
KD4RH
KL7TC
PP5XA
WB4RA
YB3EDD
PU2VDV
W2BJN
PT7YV
K9JU
DL2RPN
TA2OM
PP5ZP
WB9FLY
PU2STZ
LY2KM
WX6V
PY2GT
LY2PAD
W2AXR
C21TS
VK3BOY
CX2AQ
PY2GZ
VA7QI
CX1VH
I4KYO
LY2FN
YF4SDF
YC9ATK
YE1AAH
SV1HFE

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SV2AOB	237	YB9GAN	198	PY2DEL	160	VK5DG	126
K7QDX	237	YB1MIG	198	YB4LGQ	160	SV3BLX	125
ZS4JAN	235	N9DMM	198	YB1YCI	159	SV1SXY	125
AE4CW	234	YB4DCE	194	N5ER	158	YB2MBY	124
IK5AEQ	234	WB9B	193	ZS1IS	158	YD2YQG	123
NY7H	232	YB1BZV	193	YC2ATE	155	PY2XZ	122
N7UVH	232	YB7SKM	193	YB2LIW	154	PY4BAL	121
YC1FT	232	PY2CT	190	YD1AJH	154	AD5LU	120
K4UWC	231	YC7AAE	189	YB0AJM	153	YB1KQV	120
XE1EE	230	KJ4EX	189	YC2XCD	153	SV8KUE	119
YF2AVP	230	YB1MRF	189	PY2RMY	153	CE4UYP	115
SO1RON	230	XQ3MCC	189	CE4WT	152	TG9ADQ	113
YC2ARE	230	KD8ZKS	187	WA9LKZ	151	CE3RIF	113
WW6G	230	EL2BG	186	W9BLN	150	YB9JEG	110
YC1JJS	229	XQ7UP/3	186	ZY7F	149	PU4OSB	110
N4MNV	228	CT2KCK	184	YB1NXR	149	W7BDP	108
R1AV	228	PY2GIG	184	IK2FTB	149	YE3B	108
YB3CNZ	228	PP2GTA	184	YB7CCP	148	YE3BER	108
EA8TR	227	YC1FBG	184	N9APK	148	YD4MFZ	105
PP1WW	226	YD2GYO	183	YD2UFR	147	YC4AGG	103
PY5BH	225	YC9UAB	183	WX7HS	147	YC6AKL	103
BV1EK	225	K7PAX	183	EA8/G6MXL	146	AE7U	102
N6NFB	224	YB8APP	182	YB4BM	146	KJ7JJ	102
YD6AJA	224	VK3LV	182	YC2FIK	145	YD5NVF	102
YC1ERV	220	YC2UUG	180	YB1LCD	144	W1HMM	101
KB9S	220	JA8XQI	180	YB8TDK	143	YC4FDC	101
VU2IBI	220	YB1TS	179	PY2OYA	143	W5KGM	98
YG9BSZ	220	YC2OBF	178	YC4AEW	142	YC1PSP	98
W9KVR	220	CO2II	178	KH6RDO	142	YD2AOQ	98
K7FU	219	NN6U	178	CE6KL	141	CA4FJX	97
WH6EY	218	YD0ASO	177	KK7OBE	140	PU4HUD	96
PU4MAM	215	LW5DR	177	YC9JKT	140	PU1FAP	95
YC2CZF	215	YC1IVW	176	PY1SAN	138	YD1CZE	90
SV1YH	214	PU5MBF	175	YB2HKB	138	WA3WHE	90
PP5DZ	212	VE3CFK	174	YE4LWU	138	N7IY	87
YB7YGR	212	YC2CKY	174	YC0SIF	135	CA4ZGD	87
YC8KWM	211	DQ9Y	174	YD2BHJ	135	IW1CBG	86
YC1FYL	211	PY2VE	173	YC4AOK	135	YB7GI	82
YE1NZ	211	YB2CAR	173	WA2VKG	134	YC1FAQ	81
YB2AYA	209	YC8BKL	173	PY2WND	134	YD4GMC	79
YB2AUP	209	YD1FYT	170	PY1FI	133	YC7VOB	79
K9AJ	206	OK4RS	170	YD2PZZ	132	YD2TFN	79
ES4AW	204	W7FKI	169	PY2RND	132	YB8JEC	77
PY2RVM	204	YF8CKM	169	AI3KS	131	YC7AFB	74
YE1AR	203	YC8CSJ	166	YC4AJB	130	YB0NDB	73
KE4EM	203	YD1AJD	162	TO2DX	128	IV3JRW	73
YB0XTU	202	YD2NFD	161	YF2BBE	128	UB3BAV	72
YC1RHC	201	PU2SEG	160	YC2IOF	128	YC2DZG	71
YC9RRB	199	YE8AS	160	WB7AZK	127	CO2DP	70
SM6OES	199	YD6BTF	160	W4TE	126	PU1ERS	67

YB1HDR	66	PU7HLT	41	NB3R	114
KK7OZY	62	ZZ2I	40		
PT9MD	52	PY2RBN	35	40 METERS	
CE3PCG	51	PU1JAH	35	W9KNI	270
PU2VJI	49	PY2BN	34	K9CJ	191
N4IJ	48	ZX2R	16	YD9IGP	75
ON9TT	45	LW3DG	5	YG4SAP	48
YG2FAI	42			YC0VM	32
W1ABY	31	12 METERS		YE3FAX	26
YC7UZO	27	K2ZJ	303	YB1REO	3
PY2CX	19	PY5XT	261	PY2GMI	2
YD4SMN	17	TA1HZ	1	PY1QN	2
				ZV1MT	2
6 METERS		15 METERS		YB8CP	2
PY2XB	214	K2TQC	313	YC1FBF	2
PR7XB	210	PY2MST	307	YD2NIR	2
F5UKW	208	PU2UAF	298		
PY5EW	201	PY7GB	184	60 METERS	
IK7EOT	189	SP4NKJ	183	HA5WA	214
IZ5EME	186	YC5NBY	157	W1NG	196
PY2JA	174	YC1LJT	144	PY5EJ	127
PY2TC	166	YC4SIZ	115		
IW2CAM	156	CE1RT	110	80 METERS	
DU6/PE1NSQ	141	PY2MP	77	PP5JR	232
IV3KKW	141	TC6G	68	DL6DH	208
CT7AQS	115	LQ3D	35	LX/DF2SD	24
		EI7EE	17		
10 METERS		CE1WY	6	160 METERS	
PU2KNM	272	ZS2SG	2	DL8OH	150
PY2DMZ	272			K7ZV	131
PY2MLO	269	17 METERS		N3AAA	101
PU5SVE	219	PY2NF	296	PY5XH	61
ZL2IFB	179	PY4FD	286		
PU1AJN	132	PY2DPM	217		
PU7EGC	131	PY2CER	208		
PU2LOD	125	PY5AMF	117		
PU2SEX	119				
PY1MK	113	20 METERS			
PY4BQS	103	VE3VEE	314		
PP5FB	95	VK3TX	257		
PY4NF	89	CO2HA	136		
PU1CPM	81	VJ3O	106		
PU1MIF	74	PR2N	85		
PU5ALE	71	W4ANO	70		
PY4WJ	66	YC0EYA	10		
PY1LU	59				
PY5YA	56	30 METERS			
PU4IPB	51	PY2LCD	292		
ZY250CPS	46	KE5HDE	244		
PT9BM	45	SQ3RAX	151		

CHALLENGE  
CLASS

PY5EG	2159	K2GO	583
EA1DR	2098	ON2AD	560
K3MM	2000	K2EJ	486
N6RW	1972	KG3V	379
VK3NX	1968	NC4S	348
WQ6Q	1967	N4OC	335
IT9FTP	1960	W4RM	325
W3LPL	1839	C6AVD	246
WW3S	1723	KF9LI	243
W3ICM	1608	WA3AER	193
W3FOX	1552	K5OF	144
KI2D	1516	W4WWQ	30

NA3M	1463
KM3V	1460
N1EK	1393
NN4Q/QRP	1372
K1HTV	1308
MM0HVV	1270
CO2QU	1249
ON6SAT	1199
K3TN	1129
W3LL	1121
W4VIC	1062
W3KN	1025
N3AM	998
AA5JF	980
N2YO	967
W3ZQI	957
K2YWE	908
N1RM	892
K4XL	860
DU7G	849
KE4S	823
NN3W	822
K0GD	806
KB8NEV	758
WT3K	755
WK3A	725
N3RTW	722
K3SV	691
NR4M	686
AG3I	686
PA7RA	675
N6DW	658
KG4USN	648

SUPER MARATHON

VE3VEE	1521
K2ZJ	1520
N2BJ	1513
W9ILY	1512
K4ZO	1510
DJ3AA	1503
K3RA	1502
YB5QZ	1500
K9NU	1498
SV2AEL	1496
K2JL	1487
TA2LG	1465
R6YY	1459
JA0DAI	1169
HA1RB	1158
IK2RPE	1145
K5EK	1141
TA4RC	1129
N6WT	1127
PY5EG	1096
VK3GA	871
PY4AZ	825



ALL SCORES		IT9FTP	303	N7EPD	292	N9UA	276
UNLIMITED	CLASS	N2QT	302	PY2LCD	292	KA8SYV	276
K9EL	318	KZ2I	302	EA5YI	292	N7QT	276
WA1S	315	BA5CW	302	F8CRS	292	W1OP	276
PY2XU	315	NS9I	302	NW7M	292	KD4S	275
W9ILY	315	K9CT	302	IT9RYJ	291	VK2PW	275
N2BJ	314	K9KE	302	IW9EZO	291	PY2ATI	275
N4RJ	314	NA5C	302	IK0PEA	291	SV9COL	275
K4ZO	314	JA0DAI	302	5P1KZX	291	N4QS	275
R6YY	314	SQ8N	301	W1NK	291	PY2AE	275
VE3VEE	314	VK3SIM	301	NU8Z	289	VK3MB	274
K2TQC	313	HK3W	301	K9RR	289	NK7Z	274
TA2LG	313	M0NKR	301	W0RIC	289	K6OK	274
K9NU	313	IZ5ILK	301	K4RUM	288	ZL4AS	274
K3RA	312	W1SRD	300	W9MK	287	A71AE	274
YE1BON	312	SV1CNS	300	NU4E	287	VU2DED	274
N6WT	311	KD5M	299	YE9BJM	287	WB6JJJ	273
K4PI	311	LY5O	299	W9RF	286	PY2BEK	273
K1ZN	311	EI2GLB	298	PY4FD	286	W7YED	273
LY5W	310	PY4OY	298	W6XK	285	WC3W	272
DJ3AA	310	K9IR	298	W6RS	285	PU2KNM	272
IZ2AMW	310	W1JR	298	IK2CLB	285	N3RC	272
K6RO	310	PU2UAF	298	N9EP	284	PY2DMZ	272
W1YY	310	VK3IK	298	W4HY	284	AA9A	272
F6GCP	310	W9JJB	298	PY5DK	284	W3GQ	272
YB5QZ	310	OK2PAY	297	IU1RLJ	284	WB8BZK	272
KX4R	309	EA3HRE	297	VK3KTT	283	WA1F	272
JE1FQV	309	VE2BR	296	K7AR	282	KD4RH	271
CT3MD	309	W4WT	296	KX7DX	282	K9NB	270
PY2APK	308	N4EMG	296	DK2LO	282	W9KNI	270
N3SL	308	PY2NF	296	K5BG	281	KL7TC	270
CT1IUA	308	OM2ZZ	296	YO3APJ	281	CT7AIX	269
YB1AR	308	IK5FKF	296	NV9L	281	SM5TOG	269
9A2EU	307	WD9DZV	296	LU8EKC	280	K7ACZ	269
PY2MST	307	IK0XBX	296	OZ1IKY	280	SV1JFL	269
N4HU	307	OE1SGU	295	AD7Z	280	K2XA	268
W4UCK	306	KM8V	295	IV3VFR	280	SV8DAW	268
IK2TDM	306	PY7ZZ	295	ZS2DL	280	N3CDA	268
K5IB	306	W8ZF	295	AA6AA	280	K1WNT	268
W9ZCL	305	OZ1FHU	295	SV1ME	279	KA6BIM	268
K6ND	305	K6FW	295	VE3CT	278	K9ARZ	268
W6OAT	305	WA9GON	294	W6DE	277	N2ZX	268
K5EK	304	N6TA	294	N4MIK	277	W7Yaq	267
ON6NL	304	KJ7TEA	293	LU6ETB	277	K6MKF	267
N6RV	304	K8YC	293	KD9TAW	277	SM6CUK	267
OM2DX	304	N7JP	293	LY2MM	277	IZ5CML	267
F6ITD	304	PY2KP	292	I2KBD	277	K1TZQ	266
VK6DW	303	PA3FQA	292	PP5RG	277	W4JS	266
W7WM	303	NK7I	292	PY5QW	276	IC8TEM	266
K2ZJ	303	YE9CDL	292	WA9PIE	276	K2SD	266

**ALL SCORES (CONT'D)**

K7MH	266	VK3GK	253	K3AJ	239	AJ6TL	228
A92GE	266	ON5GQ	253	K7BTW	239	N4MNV	228
F4DSK	266	W7VP	253	PY4LH	239	N4DB	228
SV2JAO	266	W1AJT	253	PS8RV	239	N5LPT	228
KU5B	266	N3MN	253	K9MM	239	R1AV	228
WR7T	265	K3WA	252	KS1J	239	N8OO	227
W2BJN	265	W4OX	252	OZ3SM	238	NN4RB	227
PT7YV	265	W2AXR	251	VA2EBI	238	PP2CS	227
K9JU	265	VK3BOY	251	N7US	238	WI7N	226
WC7Q	265	IU2SMA	251	K8AJ	237	N4ZR	226
VE3ZZ	264	PY6HD	250	PY5ZHP	237	PY6TS	226
KE4UW	263	PY2GZ	249	SV1FJF	237	PY5BH	225
LW5HR	263	N4PQX	249	W4KJ	237	KZ1W	225
K6YK	263	W3OA	249	WR4K	237	BV1EK	225
K1BZ	262	CO2XN	249	PY3TX	237	LU2PWY	225
WX0Z	262	YD1FRU	248	WB9Z	237	K7IU	225
PY2FD	261	N2JJ	248	AJ8B	236	W0VQ	224
WB9FLY	260	VA7QI	248	YB1RET	236	N6NFB	224
IV3BHD	260	K7PI	248	KA9JCP	236	PY1CD	224
WJ1X	260	K4FS	247	ZL1BBW	236	N4KH	224
KP4JRS	260	PA0INA	247	N4QWF	236	W9YK	223
N2SQW	260	W4JVN	247	KJ7KOJ	236	KM2O	223
KN7K	259	LY2FN	247	OZ4MU	236	YE3ESW	223
K4YJ	259	K0LB	247	PY2IQ	236	W1RH	222
K4SO	259	K5EM	247	K4MV	235	TA2EJ	222
WA7CPA	259	KB4KBS	246	KT4O	235	WZ8T	221
WX6V	259	N4TOL	246	PY2PT	235	VA3RTG	221
SV1QEW	259	NF3R	245	HA1DAE	234	SV8IIR	220
KD7H	258	CT7AKW	245	AE4CW	234	KB9S	220
PY5CC	258	AJ4HW	245	OE8TTR	234	SV2BWY	220
DL1DTL	258	WP4WW	245	IK5AEQ	234	VU2IBI	220
TA3D	258	SV1AER	245	N8RGA	234	PW8BR	220
PY4JW	258	VA3TNM	245	AB4YI	233	K4ELI	220
PT7ZT	258	ZL4YY	244	N9LQ	233	K7FU	219
SV1FJP	258	YB30CUG	244	NL8F	233	WB4CW	219
AD7L	258	DF2SD	244	JF1KML	233	K6TQ	219
VK3TX	257	PY2COY	243	YB2TS	232	KK7PW	218
AK9PL	257	ZS1A	243	PY1AX	232	EA4GOY	218
K1KA	256	W4PNY	242	PP5JR	232	WH6EY	218
CX6TU	256	W5JK	242	N7UVH	232	N6MG	217
N1KDO	256	N4TL	242	KD2KW	232	W9KEY	217
K4EM	256	N7IP	242	K4UWC	231	KB3Z	216
WV4TN	255	KK4TKJ	241	WA4ZXV	231	CX2RA	216
F4GYM	255	EI7CC	241	NY9H	231	PY2QT	216
W3DF	255	N0VT	241	NN4Q	230	KB1AWM	216
PY2OKB	254	ON4VT	240	N7RVD	230	VU2TMP	216
WA2BCK	254	N4YDU	240	WW6G	230	K0AL	215
N5JEY	254	LB2TB	240	NU0C	229	N0YY	215
PU1JSV	253	PS8CW	240	YB0KTT	229	YC3BWK	215
WA3AFS	253	K2EP	239	K7STO	228	N7DX	214

## ALL SCORES (CONT'D)

PY2XB	214	YB1MIG	198	PY2ZZ	180	W6KK	165
HA5WA	214	EA5DFV	198	KK9H	180	W1BOY	165
SV8SXV	214	AF6SA	198	K7HV	180	K1GU	164
MI0BHX	213	N9DMM	198	K4SX	180	W4DTA	164
WS7L	213	WA9YYY	198	JA8XQI	180	WA4PGM	163
ZS2PS	213	WE6Z	197	KA2G	179	K4QQG	163
PP5DZ	212	W7RM	196	K3DNE	179	K8EAB	163
YC8BUV	212	A92EE	196	TC6EQ	178	LU9WT	162
PP5CF	212	W3UL	196	N4DJ	178	PY2TIM	162
YB7YGR	212	W1GRL	195	OP4K	177	KK4ODQ	161
KR7D	211	PP5AX	194	PY7MM	177	PU2SEG	160
PY3TD	211	K4KJT	193	PP5KW	177	YC3TLP	160
AD4J	211	PY2PPZ	192	KA2KON	176	PY2DEL	160
M3AWD	210	N1WR	192	W7VAS	175	YB4LGQ	160
PR7XB	210	IZ3BSU	192	PZ5TW	175	N4RA	158
W8AV	210	PY2RX	192	NC6R	175	N4FN	158
KG5EIU	210	WX3B	191	WC4J	175	SV8OVH	158
PR1T	209	DF7TV	191	VE3CFK	174	N4CF	156
TA7AZC	208	K4WM	191	PY2ANY	174	YB1RYX	156
K0ZR	208	K9CJ	191	KU4NY	174	IW2CAM	156
F5UKW	208	PY2CT	190	PY2JA	174	GW4EVX	156
N6VH	208	N4IQ	190	DQ9Y	174	N7YD	156
SV1JG	208	SV1AZL	190	OM2FY	174	N7TK	156
DL6DH	208	IK7EOT	189	W4ATL	173	K5AYO	155
PY8WW	207	ZZ5K	189	AA3S	173	PY4ARS	155
W4UW	207	YC7AAE	189	PR1WWA	172	K0VSH	154
K9AJ	206	XQ3MCC	189	W7PEZ	172	N3KN	154
CE6UFF	206	N4XL	188	PU2TES	172	CX7ACH	153
CX5FK	206	K4WA	188	N6RK	172	K7DSE	153
DK0SU	205	KB7BTO	187	LU6FOV	172	DL8OH	150
N7VGO	205	YE1GXQ	187	TA4A	172	K4MQM	150
WT8P	205	NR5R	187	K6SEA	172	TC3X	149
W7UDH	205	AJ4A	186	PY1WL	171	N7PHY	149
KH0/KC0W	205	PY2OX	186	KA4RRU	171	OM4AIM	149
K1USA	204	IZ5EME	186	K2CIB	171	WX7HS	147
AG7N	204	K1TH	186	KR7X	171	YB2IQ	146
N2ZZ	204	K7SS	185	FW7AA	170	CT1END	145
KD8NYP	204	KJ9B	184	K3UT	170	TA2E	145
CX4RL	203	KK7MJD	184	PP5RT	170	PW2A	144
N3QE	203	PY2GIG	184	TO9W	168	W6UB	144
AD5MD	202	YC1FBG	184	PT1M	168	YC1RJL	144
NY4I	202	KZ3P	183	PY4RP	168	XE1YL	144
PY5EW	201	W3SA	183	W4NF	167	PY1KO	144
PX2A	200	K7PAX	183	PU2TNT	167	W5MPB	143
PY2SGL	199	AF4T	183	YB1UUN	167	F5VMN	142
W4PGM	199	NN4NT	183	NW3L	167	DU6/PE1NSQ	141
K2PO	199	W7JET	182	KI1U	167	IV3KKW	141
K7VIT	199	WA9GQK	182	PY2TC	166	ZV5N	140
K4VBM	198	PY1ZV	181	W3IDT	165	K4ODL	140
PU1KPS	198	K6MW	181	N3CW	165	PY2NNM	140



## ALL SCORES (CONT'D)

AA4NC	139	YB1KQV	120	YD1RJL	84	LQ3D	35
N3QQ	138	K4EAK	120	PY2MIA	84	YB3BMX	34
N6GEO	138	PY5AKW	120	PT7BI	84	PY1RI	32
WK1W	138	A31DL	119	PR4E	81	AI7MW	32
OZ400POST	137	PU2SEX	119	PT1K	79	PY2OPV	31
PY1CG	136	PU2XPX	119	PY2PZL	78	W1ABY	31
YB6EN	135	SV8KUE	119	LZ2BE	77	PY2MAM	27
PY4LI	135	PD0GTO	118	VA3YLR	77	S5/TA7YLY	27
W3UR	135	AC4HI	118	PY2MP	77	PY2MK	24
KC1RWM	135	PY1BAB	118	W4NU	75	ZY1KDT	19
YC5AKH	135	PY2MZ	117	PY1PL	74	ZY2MAR	17
CX2TQ	134	N9MS	117	PU1MIF	74	EI7EE	17
9A/TA7YLY	134	KF7PBM	117	PP2CC	71	YG2BWH	17
PY2WND	134	PT2AP	116	PR2Q	71	ZX2R	16
PP1KV	133	CT7AQS	115	PU2ONX	70	YD6AEV	16
TA1API	133	PY3NT	114	PU2WYP	68	ZX7I	13
PY1FI	133	KB7HDX	114	TC6G	68	CE/PY2TTN	12
K7ZV	131	NB3R	114	PP5BT	68	TF2R	10
ZW8C	130	VK2/W7BRS	113	KW4CZ	67	ZW1KDT	7
PY2TTN	129	PY1MK	113	N5HC	63	PY2LHA	6
PX2R	129	SV2BXA	111	KK7OZY	62	FABRICIO	
AC7S	129	3D2NB	110	PY5XH	61	CAMPOS	6
YE8DWC	129	YE3B	108	PY1LU	59	ZW1TT	6
PY1SAD	129	YE3BER	108	PY1KG	57	GJ/PY2TTN	6
WA2GOT	129	WC3B	107	PY4RGS	56	LW3DG	5
NN4EE	129	VJ3O	106	W3OU	55	TA3STR	4
TO2DX	128	TC101TC	106	K6SZQ	54	PY2GMI	2
PY2CPS	128	PU1SKO	105	OE/N7JI	52	PY1QN	2
W4PID	128	W7BRS	103	PT9MD	52	ZV1MT	2
TC18M	127	PY4BQS	103	TA3MBG	52	ZS2SG	2
TC2E	127	KJ7JJ	102	K7RJS	52	YD2NIR	2
PY2EBD	127	ZY5A	101	VK3SK	51	<b>LIMITED</b>	
VE3PCP	127	CB6CPC	98	PP5EI	47	<b>CLASS</b>	
K6DW	127	YC1PSP	98	ZY250CPS	46	<b>Callsign</b>	<b>Score</b>
WB7AZK	127	PY4ME	97	PY6GOE	46	K2JL	316
K6KR	127	PY1XW	96	ZX5D	45	OE1TOA	313
W4TE	126	PP5FB	95	PT9BM	45	SV2AEL	311
N2FT	125	CB4T	94	PV8DX	44	IK2RPE	306
PU2LOD	125	PP2DX	92	K4IE	42	TA6B	303
YB5MB	124	ZZ1M	92	PY2UEB	41	AF7NX	303
8R1TM	123	PY1KB	91	PU7HLT	41	MW0CRI	300
YB1DCW	123	YB0NSI	91	YC1EAI	41	K9GA	300
KK7EXT	122	YB3BBF	90	ZZ2I	40	TA1CM	297
TA3SA	122	CE6TRA	90	PY2IG	39	DL2FAG	295
PX8Z	121	TC7YOTA	90	PY2HA	38	SV1EKI	295
NEI	121	SV8JVH	89	W6LP	38	YC1EOM	291
CB6I	120	WW8RR	87	PY2RH	37	IW2ENA	291
AD5LU	120	IW1CBG	86	DF2F	35	AA8R	291
W2XL	120	W3UR/4	86	PY2RBN	35	OD5YA	288
PX4M	120	PR2N	85	PU1JAH	35	K3STX	286

## ALL SCORES (CONT'D)

WA3JAT	284	VK2WW	241	N7OR	193	YB1LCD	144
UA9FAR	284	PY4XX	240	YD6AJJ	190	YC1LJT	144
YE4FNN	280	SV2AOB	237	KJ4EX	189	LU4JHF	141
4F3BZ	279	K7QDX	237	YB1MRF	189	CE6KL	141
K7AGE	278	YY4EBD	236	KD8ZKS	187	N7AME	141
PY2YS	278	ZS4JAN	235	YF3BLY	184	ZV5M	138
YE6YE	276	XE1EE	230	PY7GB	184	K7VAP	138
PU2VLW	273	YD1NAV	230	IK2ULV	184	9H6EE	136
LU2NI	271	YF2AVP	230	PP2GTA	184	ZV1T	136
YB0SAS	270	YE1BMZ	230	YB6DE	182	YE4FDB	136
YB3EDD	270	F5GN	229	YE4IJ	180	YC0SIF	135
SV1RK	270	PY4EP	229	ZL2IFB	179	YC4AOK	135
LW6EQG	269	PP1WW	226	YB9IPJ	179	CX2UI	131
YB0BAC	269	TA3NE	226	K2WB	178	YE3FZR	129
KP4JFR	269	OK3SN	224	WC7L	177	YC0NIU	128
SV8GSP	268	TA7I	224	YC1IVW	176	PY5EJ	127
PU2VDV	267	YD9IHG	223	K4PWS	175	YD2YQG	123
PY2VM	267	WB3EGD	221	NZ1I	175	YB4ECU	122
K5DC	266	WU8T	220	KD5XB	172	YC0EXO	122
K2IRM	266	YO4AAC	220	YD1BBR	171	AA8MA	122
AF5CC	265	YB2VYY	219	YB3RNW	169	PY4BAL	121
F4HAB	265	PY6BK	217	YB2TTM	167	YB8ABD	120
YB1HR	264	TA0S	217	ZV2BM	167	PU9FSO	119
PY2AB	263	YB1BA	216	W7VC	166	K7WA	118
IK0LYL	263	W1MI	215	VK3UW	164	CE4UYP	115
WA3WZR	262	PY1KV	213	YD1AJD	162	YB7VAD	114
PP5ZP	261	K3GWK	212	YB1OKU	161	TG9ADQ	113
PY5XT	261	WT8E	212	OD5UI	161	YD5AWZ	112
PU2STZ	259	VK3PCC	209	YD2NFD	161	NJ4Q	111
LY2KM	259	W2NK	209	YE8AS	160	PY5IQ	111
CE3BT	259	TA4SO	206	YD1SHY	160	VP9KF	110
W9KM	259	PY2XL	205	PY5IN	157	PP5IP	104
PY2GT	256	YB2CPO	204	K0BL	156	YC4AGG	103
G0YCE	256	YC7ICF	204	YB0AJM	153	YC6AKL	103
VE7KAJ	256	YE1BNI	204	YD3ASV	153	AE7U	102
W2GG	255	YD5NVE	204	PY2RMY	153	YD5NVF	102
PP2RON	255	YB0XTU	202	PU1MIL	153	YY5ALI	100
PY1WK	253	K3JT	202	YC3GEM	152	CA4FJX	97
WA4HNL	253	NP3YL	202	YB1BML	152	XP2I	96
CX2AQ	250	AB9YC	201	ER/UR7FM	151	PY2NL	95
VA7CRZ	249	YC1RHC	201	PY2MIG	151	PY2EDY	93
PY4ZO	249	K7HBN	200	YB1CYO	149	DF7CB	91
CX1VH	248	YC1JGE	199	IK2FTB	149	YD1CZE	90
K0XM	248	YC9RRB	199	CE7KF	148	TA4CS	89
PY2VA	246	YB1UK	199	PY3BEG	148	CA4ZGD	87
YB3CUG	245	GW0KRL	198	PU9DCB	148	PY1FOX	85
YE1AAH	244	YB1KK	197	N9APK	148	TA3CE	82
EA4BAS	243	YB4DCE	194	EA8/G6MXL	146	YB1JYL	81
IK0ALT	242	WB9B	193	YB4BM	146	YB8JEC	77
KR4FK	242	YB1BZV	193	YC0APU	145	YB1HDR	66

ALL SCORES (CONT'D)								
PP2LA	60	SV1TAY	269	NC6RJ	233	YC7ONC	208	
YB7YDB	58	YC2FAJ	269	NY7H	232	G6MXL	208	
CE3PCG	51	YD9HJD	268	YO4CVV	232	YB2MBO	208	
PU2VJI	49	YF2BEB	268	YC1FT	232	PY2WMW	207	
N4IJ	48	YB1MAE	267	GM5DDX	231	YV6CA	207	
PY2BN	34	LY5GT	267	AE4WG	231	YD5NML	206	
W3MR	33	SV2SIF	266	SO1RON	230	YC2COM	204	
YF1BUB	28	DL2RPN	264	YC2ARE	230	ES4AW	204	
YE3FAX	26	TA2OM	263	YC1JJS	229	PY2RVM	204	
LX/DF2SD	24	EA4HKF	262	4X1ST	229	YE1AR	203	
PY2CX	19	AA4R	262	W4IDX	229	KE4EM	203	
YD4SMN	17	F4TNK	261	CT1KNL	228	PU2OGQ	201	
PX2G	14	VA3IDD	256	YB3CNZ	228	SV4SCL	201	
CE1WY	6	SV8SYK	256	YC1JEL	228	YV5AEP	200	
LW4EF	6	YB4PSB	255	EA8TR	227	SV8EUB	200	
Formula Class - 100 Watt	Callsign	Score	LY2PAD	254	WD4ETU	227	SM6OES	199
			YE2BFW	254	N9MT	227	YC1FGO	199
			N2WLG	253	YD0ASW	225	YB9GAN	198
			TF3JB	253	YD6AJA	224	KM8L	197
			SV1EBV	252	CO2AJ	223	SV1AJO	197
			KU9Z	252	DO6SR	221	SV8SXF	196
			C21TS	251	YC1ERV	220	IW5EIJ	196
			YB3AJO	250	AE0VC	220	W1NG	196
			N5GG	250	YG9BSZ	220	YB1IUQ	195
			YV5OIE	250	YB0RFS	220	YE2BDN	194
OK2FD	311	W5GA	249	PU5SVE	219	TF3DC	193	
YC7ONI	302	OK1TRJ	249	G0BIX	219	YB7SKM	193	
TA2L	301	AK1P	248	YF3AJJ	218	KM7N	193	
OK2LW	297	KM4VI	248	AA5UN	217	YC4RWH	192	
KD2CDV	296	W3GW	248	PY2DPM	217	KY0Q	192	
TA4RC	291	WB2NVR	247	YC9BPW	217	YB2JPI	192	
YD2ULK	289	YF4SDF	246	OK1BLU	216	VA4ADM	190	
K8KWT	288	SV8CRL	246	NG4DX	216	PY1NS	190	
SP3WKW	288	IN3FHE	246	YE7UFT	216	MM0INH	190	
EC3A	286	YC9ATK	246	PU4MAM	215	YB8RJQ	190	
YB2HML	286	EI3CTB	245	YC2CZF	215	IU2JWF	189	
W4LEW	286	YB1IQE	244	YF3AQV	215	YC3BVG	189	
YB2CNF	285	KE5HDE	244	WA9LEY	215	5H8HZ	188	
DL7PIA	283	DK8IZ	244	SV1YH	214	EL2BG	186	
IV3DXW	282	SV1HFE	242	K1NZ	213	SV1QVA	186	
CO2AV	281	AC1PK	242	VK3HU	212	XQ7UP/3	186	
NE5W	281	F5LCU	239	YC8KWM	211	YF9CPN	185	
SV8TBJ	281	SV8TCP	238	KK4E	211	SV1CKZ	185	
ZL1MTO	280	YF3AWZ	238	YE1NZ	211	KD9EOK	184	
DL5PIA	277	KC9GPY	236	CO2KL	210	CT2KCK	184	
KC4JNW	277	ZL3TE	236	K3HW	210	KE7AUB	184	
K4AAX	276	SV2TCB	236	YB2AYA	209	IZ2BHQ	184	
AD1C	276	CE2EP	235	YB2AUP	209	YB4FZK	184	
VU2FGQ	275	PY2YJ	234	NN7O	209	KM2RF	184	
CX7BBR	275	KW9U	233	K9XR	208	WB9G	184	
IU0DHV	275							
DL6GBM	274							
W4UWC	272							
YD1FMV	271							
PP5XA	270							
WB4RA	270							
AC7P	269							



ALL SCORES (CONT'D)							
YD2GYO	183	YE2AIV	163	W8AJV	142	YB4RWH	114
SP2TQQ	183	YG4SNG	163	KK7OBE	140	CE3RIF	113
YC9UAB	183	YF7RDM	162	YC9JKT	140	YB9JEG	110
YF3AOV	183	PP5KR	162	LY2BVM	140	CE1RT	110
YB8APP	182	W1RPG	162	YD0AWB	140	PU4OSB	110
VK3LV	182	YD6BTF	160	VE3ETE	140	YC7OMZ	108
WN4AFP	181	KM4AF	160	YC4MGA	139	W7BDP	108
IZ2SXZ	181	YB1YCI	159	PY1SAN	138	HA5AX	107
N7JI	180	PU2TWZ	158	YB2HKB	138	YC9BVB	107
YC2UUG	180	N5ER	158	KA9JAC	138	PY1CMT	106
WQ9F	180	PT9DX	158	YE4LWU	138	DU1OE	106
YB1TS	179	ZS1IS	158	YB1LBW	136	TA3CKY	106
YE3ERE	179	YC1KOV	158	KC1SSY	136	ZW2WSP	105
YC2OBF	178	YC5NBY	157	YD8CPZ	135	YD4MFZ	105
PP1OY	178	K4FTO	157	YD2BHJ	135	HK4X	104
AB3GY	178	KI6BTY	157	YF1ACL	135	PY2TDB	104
CO2II	178	YC0SCZ	156	YC0HLE	134	YG3CJU	104
NN6U	178	YC2ATE	155	TA1SOR	133	K5ENS	102
SQ8W	178	N7JB	155	K9UB	132	W1HMM	101
YD0ASO	177	YB2LIW	154	YD2PZZ	132	YC4FDC	101
VK2EY	177	YD1AJH	154	PY2RND	132	N3AAA	101
LW5DR	177	YC1EBM	153	PU1AJN	132	TC19M	99
SV4MLF	176	YC2XCD	153	PU7EGC	131	W5KGM	98
YC1IFR	175	CE4WT	152	K6RSP	131	YD2AOQ	98
PU5MBF	175	KE9V	152	AI3KS	131	TA2AI	98
PY3OP	175	SV8OVJ	152	YC4AJB	130	K9KJ	97
YF2BLL	175	N5PD	152	M0EGG	130	W2NTV	97
YC2CKY	174	WA9LKZ	151	YB1BMI	129	YF3BKF	97
IU0SAR	174	SQ3RAX	151	IU0RBC	129	PU4HUD	96
N4IW	174	YD4FYI	150	YF2BBE	128	PU1FAP	95
N4BQQ	174	IU0ITX	150	YC2IOF	128	YC1BVK	93
PY2VE	173	AD4GG	150	WA5RR	128	YC2VDP	93
YV5BRB	173	TA5O	150	YF8BJS	127	8Q7HZ	91
YB2CAR	173	W9BLN	150	YB1GUE	127	TC29TC	91
YC8BKL	173	ZY7F	149	SV3BLX	125	MJ/TA1HZ	90
YD1FYT	170	YB1NXR	149	SV1SXY	125	WA3WHE	90
KM7N/1	170	YB7CCP	148	PP1DX	125	PA2VS	89
W7FKI	169	YB7SQX	148	YB0JOY	124	PY4NF	89
YF8CKM	169	S21AF	147	YB2MBY	124	PG1R	89
NJ8J	169	YD2UFR	147	W7BTM	123	TA9B	88
YG9DFZ	168	TA1BX	147	PY2XZ	122	N7IY	87
SV2TCC	167	J48FT	146	AF9W	121	ZF2KM	87
XX9ET	167	SV9MBH	146	KC3YVE	121	KG5JCK	87
N0TU	167	YC2FIK	145	KR4EE	120	CE4MBN	85
YC2CKS	167	YB8TDK	143	YC2BST	117	YF1AAP	84
W7TMT	166	PY2OYA	143	PY5AMF	117	YB4AFL	82
YC8CSJ	166	PY1TG	143	K4FT	116	YB7GI	82
OV9R	165	E51WLG	142	KE4QCM	116	OU2I	82
IK2HNG	165	YC4AEW	142	YC4SIZ	115	CE4MBN/3	82
AA4NP	164	KH6RDO	142	YB2CTE	114	YC1FAQ	81

**ALL SCORES (CONT'D)**

K4LDC	81	YD1ARO	26
PU1CPM	81	SV2SKU	10
VA2NW	80	YC0AIB	8
YD4GMC	79	YC1UBI	7
YC7VOB	79	YB1REO	3
YD2TFN	79	YB8CP	2
YG4KID	78	YC1FBB	2
YD9IGP	75		
YC7AFB	74	<b>Formula Class - 5 Watt</b>	
YB0NDB	73	<b>Callsign</b>	<b>Score</b>
IV3JRW	73	WG5G	302
UB3BAV	72	PU2RTO	291
YC2DZG	71	IZ3NVR	277
TC18CV	70	PY2MLO	269
YD6APA	70	I4KYO	248
AD9AB	70	ON6QRP	239
W4ANO	70	K7FR	228
CO2DP	70	K8ZT	224
YM1KE	69	W9KVR	220
TA3J	68	W8QZA	217
PU1ERS	67	YV6BXN	212
PY4WJ	66	YC1FYL	211
YC6BTI	64	PY2CER	208
YB1RDH	60	G4BUE	204
PY1KJA	59	N9SM	184
CB7C	55	SP4NKJ	183
TA7YLY	55	YB1PEF	172
TA3P	55	OK4RS	170
IQ2GM	54	PY2PLL	170
UT9NL	54	YC8GPH	166
W1HRB	53	DL8MF	165
PU4IPB	51	PU5IKE/QRP	157
PY2YYZ	50	CO2JLV	154
YG4SAP	48	CO2HA	136
YC1PIO	47	WA2VKG	134
CB7A	45	VK5DG	126
YE7LTN	45	YB1BBW	110
ON9TT	45	YC7AGF	107
CE6TTL/7	42	JR1NKN	99
IG9/OU2I	42	N9EEE	91
YG2FAI	42	PU5ALE	71
K4MIL	42	PY5YA	56
NK2Y	41	YC0VM	32
TC7COTA	38	YC0EYA	10
E74YM	34	TA1HZ	1
YG3ASK	33		
SV1TBU	31		
YD1DYI	31		
YC7UZO	27		
W7M	27		

<b>Youth</b>			
<b>Callsign</b>	<b>Score</b>	YD2TFN	79
DL7PIA	283	VA3YLR	77
SV8SYK	256	YB0NDB	73
KJ7KOJ	236	TA7YLY	55
SV2TCB	236	K6SZQ	54
YD1NAV	230	S5/TA7YLY	27
YC1LJT	144	CE1WY	6
IU0RBC	129		
KK7EXT	122		
YD2AOQ	98		
<b>YL</b>			
<b>Callsign</b>	<b>Score</b>		
WA1S	315		
K9IR	298		
W4LEW	286		
DL7PIA	283		
NV9L	281		
DL5PIA	277		
WX0Z	262		
WA7CPA	259		
IN3FHE	246		
IK0ALT	242		
AB4YI	233		
WW6G	230		
YC1ERV	220		
YC1FYL	211		
KD8NYP	204		
NP3YL	202		
W1GRL	195		
K7PAX	183		
SV2TCC	167		
W7VC	166		
SV8OVH	158		
N3KN	154		
OM4AIM	149		
XE1YL	144		
K7VAP	138		
KC1SSY	136		
9A/TA7YLY	134		
YB1KQV	120		
YD5AWZ	112		
CE1RT	110		
YD4MFZ	105		
YC1FAQ	81		
YB1JYL	81		

## CLUB SCORES

CLASS	CLUB	SCORE	Members			
3	YB-Land DXing Passion Is	39173	249	Port Elizabeth Amateur Radio Society	495	3
3	Rio DX Group	14699	126	Lake Area Amateur Radio Klub	474	2
2	Potomac Valley Radio Club	40277	71	REP - Rede dos Emissores Portugueses	454	2
2	Southeastern DX Club	13525	59	CE CONTEST GROUP	447	5
2	Western Washington DX Club	10971	55	FT8 DX CLUB BRAZIL	424	2
2	Northern Illinois DX Association	9878	41	Northeast Wisconsin DX Assn	414	2
2	Araucaria DX Group	9196	33	Radio Club Venezolano Caracas	412	2
2	CDR Group	8660	53	DX101 CONTEST CLUB	403	2
2	Willamette Valley DX Club	8353	42	Akademische Funkgruppe der Universitaet Stuttgart e.V.	396	2
1	ITALIAN CONTEST CLUB	9289	22	Falcons DX Group	365	2
1	Hudson Valley Contesters and Dxers	4119	13	Spokane DX Association	349	2
1	Carolina DX Association	3928	17	CMDXGroup	345	2
1	Mother Lode DX/Contest Club	3772	19	Tango Alpha Ham Radio Club	329	4
1	INTEREST GROUP RTTY	3215	17	Belitong DX Club	316	2
1	East Tennessee DX Association	3114	14	BALTIC CONTEST CLUB	310	1
1	DEEP BLUE DX TEAM	2901	16	Clipperton DXC	310	1
1	Northern California DX Club	2723	4	ALGARVE STAR	308	1
1	Swamp Fox Contest Group	2561	13	Croatian Contest Club	307	1
1	710 Contest Group	2469	8	SHARKS DX TEAM	306	1
1	NERG	2376	11	Grand Mesa Contesters of Colorado	303	1
1	Yankee Clipper Contest Club	2338	10	DDXG	295	1
1	Central Arizona DX Association	2261	2	Northeast Wisconsin DX Association	294	1
1	UBRO DX Team	2063	10	BALI DX CLUB	292	1
1	Geelong Amateur Radio Club	1968	1	Nerg	283	1
1	CNYDXA	1919	7	DX3H Ham Society of the Philippines, Inc.	279	1
	ASSOCIACAO DOS RADIOAMADORES DO			Lone Star DX Association	276	1
1	PARANA	1778	11	Mile High DX Association	276	1
1	Chilean Pacific DX Group	1600	13	Providence Radio Association	276	1
1	GITRAD	1401	14	Arctic Amateur Radio Club	270	1
1	Society of Midwest Contesters	1369	6	FT8BRAZIL - FT8 DX CLUB BRAZIL	267	1
1	FLORIDA CONTEST GROUP	1239	5	Kaunas university of technology	267	1
1	7A DX-Contest Club	1171	6	LABRE - Liga de Amadores Brasileiros de		
1	Vytautas Magnus University Radio Club	1082	4	Rádio Emissão	265	1
1	Southern California Contest Club	989	5	JUST FOR FUN CONTEST CLUB	264	1
1	LU Contest Group	965	4	ea contest club	262	1
1	ESPIRITO SANTO CONTEST GROUP	926	7	Worldwide Amateur Radio Club	260	1
1	NASI GORENG DX	914	5	SOUTHWEST OHIO DX ASSOCIATION	259	1
1	Chiltern DX Club	802	3	KWARC	256	1
1	Bavarian Contest Club	794	3	ORAC	256	1
1	southern california dx club	779	3	K1USN RADIO CLUB	248	1
1	VU CONTEST GROUP	769	3	Woodbridge Wireless ARC	247	1
1	CabreuvaDx	752	4	Bahamas Amateur Radio Society Society	246	1
1	Orari Kota Bogor	700	8	Frankford Radio CLub	245	1
1	ARIGRADO	613	3	TRUJILLO ALTO CONTEST CLUB	245	1
1	Toulouse DX Gang	569	2	Interest Group RTTY	243	1
1	Radio Club Venezolano	523	3	Hooterville Wireless Assn	241	1
1	teampapa	517	2	SWODXA	236	1
1	Danish DX Group	516	2	Bloemfontein Amateur Radio Club	235	1
				SMC	233	1

## CLUB SCORES (CONT'D)

University of Tokyo Contest Club	233	1	1	Radioaficionados Unidos	104	1
cdxc	231	1	1	DFWCG	102	1
NCDXC	230	1	1	BAKTRAD	98	1
Arizona Outlaws Contest Club	229	1	1	CWops	91	1
DOUBLE T TEAM	227	1	1	Rhein Ruhr DX Association	91	1
Bahia Dx Group	226	1	1	VERON FRIESLAND-NOORD	89	1
CONTEST CLUB BELGIUM	222	2	1	ORARI KOTA TANGSEL DX-CLUB	70	3
Grand Mesa Contesters	220	1	1	SEZIONE A.R.I. GALLARATE	54	1
Iroquois County Amateur Radio club	220	1	1	WXDCC	52	1
YO DX CLUB	220	1	1	Kentucky Contest Group	42	1
Mayland ARC	219	1	1	CANTAREIRA DX GROUP	34	1
Low Country Contest Club	216	1	1	EAWA	31	1
RAAG	214	1				
Dallas Amateur Radio Club	210	1				
Frankford Radio Club	210	1				
WNYDXA	209	1				
Clipperton Dx Club	208	1				
RADIO AMATEUR ASSOCIATION OF WEST-ERN GREECE	208	1				
CWSP	207	1				
RADIO CLUB VALENCIA AC	207	1				
Inverhuron Ham Radio Club	204	2				
Arabian Gulf DX Group	196	1				
metro dx club	191	1				
North Alabama DX Club	183	1				
Tennessee Contest Group	183	1				
NERG - North East Radio Group	182	1				
South Jersey Radio Association	178	1				
miramar dx group	177	1				
SZ4TRI RADIO AMATEUR OF TRIKALA	176	1				
CTRI Contest Club	175	1				
Eastern New Mexico ARC	172	1				
LUCG Contest Group	172	1				
KCDXC, ADXA	164	1				
ADXA	158	1				
Mississippi Valley DX/Contest Club	154	1				
599 dx group	153	1				
Bavarian Contest Club	150	1				
TC3X TURKIYE CONTEST TEAM	149	1				
PueblaDX	144	1				
Snohomish County Hams Club	141	1				
Manitoulin Island ARC	140	1				
YB-LAND DXING PASSION IS	138	1				
DFW Contesting Group	128	1				
Butler Amateur radio	121	1				
YBDXPI	120	1				
GPDX-PORTUGUESE DX GROUP	115	1				
PARA Philippine Amateur Radio Association	106	1				