

Results of the 2023 CQ DX MARATHON PROGRAM

BY MARK WOHLSCHEGEL, WC3W



Another year of amazing and unprecedented growth, establishing the DX Marathon Program as the “fastest growing DX program in our hobby today.” I want to thank each and every one of you personally for participating and for just having fun! 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.

The formative words to describe 2023 were “growth” and “new records set”. We grew year-over-year at a 50% pace, and there were 115 previous records shattered in the program. We have worked hard to spread the word to the many hams worldwide who have not heard about the DX Marathon program. Cycle 25 and the use of FT8 technology has made it possible for many hams with antenna restrictions, and/or financial restrictions, the opportunity to participate in the wonderful world of DX.

The participation in the DX Marathon continues to grow as shown in Figure 1.

2023 was my best DX Marathon year ever. It was the conclusion of several years of trying to get better; better antenna, better techniques, better listening skills. 2024 is off to a better start!—Bill Salyers— AJ8B

We are extremely fortunate to have such an amazing administrative staff as you and your volunteers. I am absolutely delighted with the direction you are taking it. I’m still working full-time as a cardiologist at Mayo Clinic but someday I hope to have more time. My friends, who have done it, spend the entire year, full-time working on it!—Scott Wright— KOMD

This program is one thing that keeps me on the air even when there aren’t any DXpeditions out there to hunt. I’m at 275 entities of the 346 and am usually laser-focused on ATNOs. Sheryl Harkleroad—WW6G

*The first Marathon—really enjoyed it! It really gives a renewed sense of purpose to working countries and zones. Marlo Montanaro—KA2IRQ
40W maximum to balcony mounted Buddipole vertical at 40 feet! Lovin it!
Thomas Schwabel—N2WLG*

I have threatened for several years to enter the Marathon but this is the first time I have and really found it a massive motivator to get on the bands. Thanks for all the fun!!! Donovan Van Loggerenberg—ZS2DL

From 2009 to 2023 I have always participated in this magnificent race. Thank you CQ DX Marathon. Piero Giorgi—IK5FKF

Nice to have a new submission tool this year. It was very easy to make the submission. Simple., thanks. Watt Watanabe—JA0DAI

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

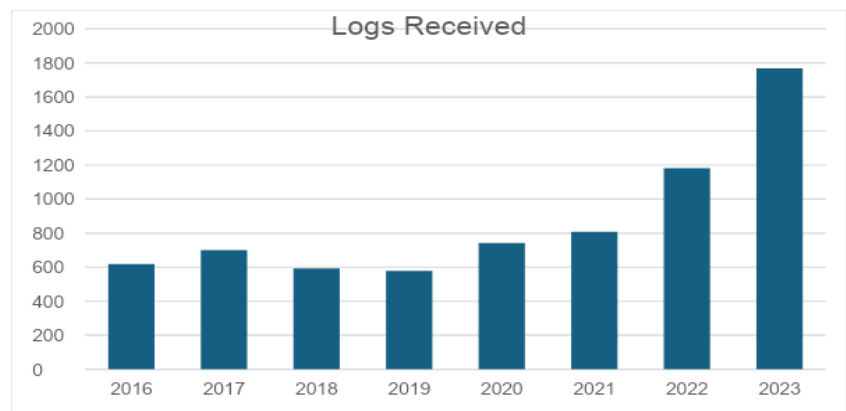


Figure 1. Number of logs submitted, 2016-2023. This year represented a 50% increase over 2022.

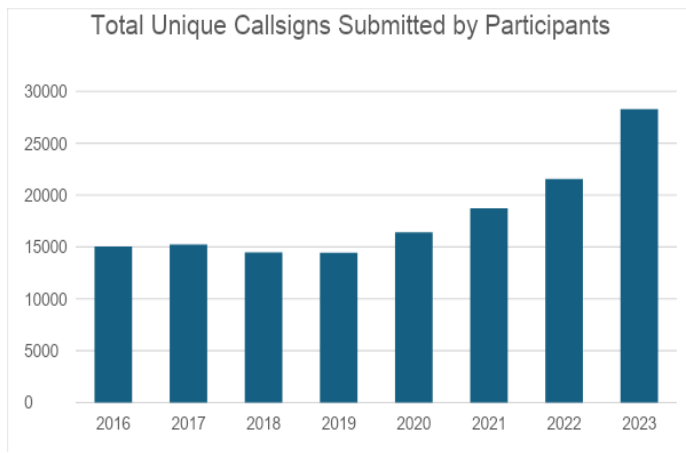


Figure 2 Total unique callsigns submitted by our participants in the CQ DX Marathon, 2016-2023

There are two more graphs that portray this phenomenon. Figure 4 shows the number of scores that exceeded 300 points, clearly a record in Marathon history. The second graph, Figure 5, shows the number of records broken this year, such as individual country scores, zones scores, and, amazingly enough, new milestones. The latter were achieved in the world highest mode category with all time high scores achieved in phone, digital, and CW scores. Jeber, PY4JW set the all time phone score with 275 points. Steady and regular Lada, OK2PAY was able to achieve a score of 309 on CW. Steve, N3SL recorded an all time high of 320 in Digital. Great way to spend time during those cold Iowa winter days and nights!

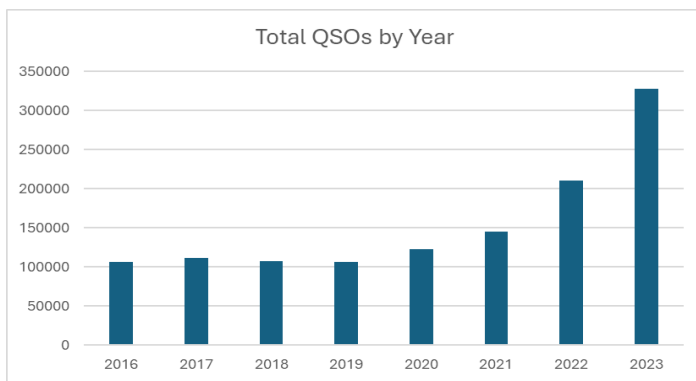


Figure 3. Total number of QSOs reported by Marathon Participants 2016-2023.

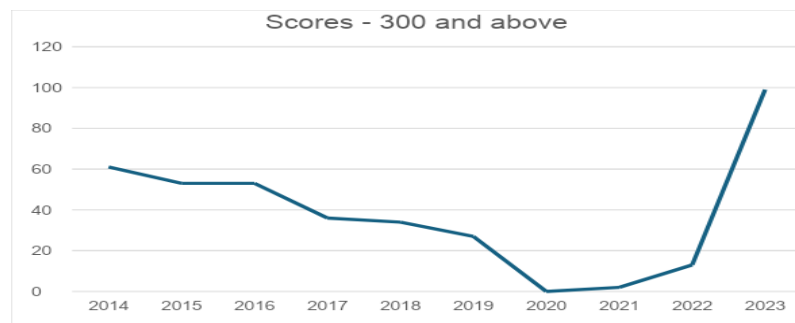


Figure 4. Number of scores submitted by participants in 2023 that achieved 300 points or more.

The participation graph in Figure 2 shows the growth in 2023 with a total of 28,301 unique callsigns worked by our participants (a 31% increase over 2022). We believe this growth splurge is a combination of the popularity of the DX Marathon program. Of course Cycle 25 does not hurt, making it possible for more and more operators to have fun working DX. Figure 3 shows how many total QSOs occurred by all of our participants in 2023 (a 56% year-over-year increase). The beauty of the Marathon program is that participation has been consistent regardless of propagation. We are, of course, enjoying the amazing Cycle 25, and no one can deny that great propagation impacts scoring levels that can be achieved, new records set, and participation, particularly for hams who don't have mega stations. It is indeed a beautiful thing to work the world again on 10 meters with 100 watts.

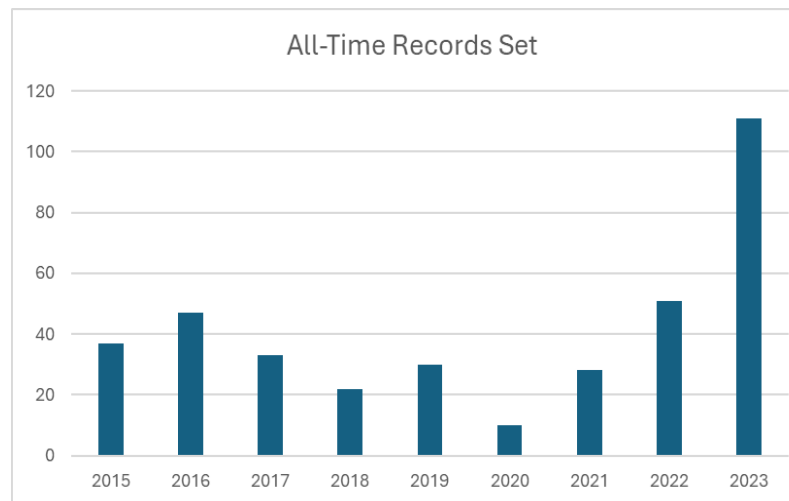


Figure 5. All time DX Marathon records set during program year 2023 (Total of 111 vs 51 in 2022)

During the scoring process, the DX Marathon staff carefully checks the accuracy of submissions. The DX Marathon does not require the validation of QSOs, but the program does require the accurate reporting of valid QSOs. Figure 6 shows a decrease in the error rate in 2023, which is indicative of participants checking logs more carefully. The spike in 2022 was, for the most part, due to the CQ Magazine's policy on Russian QSOs. Even so, in 2023 we recorded slightly more than 300 logs that were completely error free!

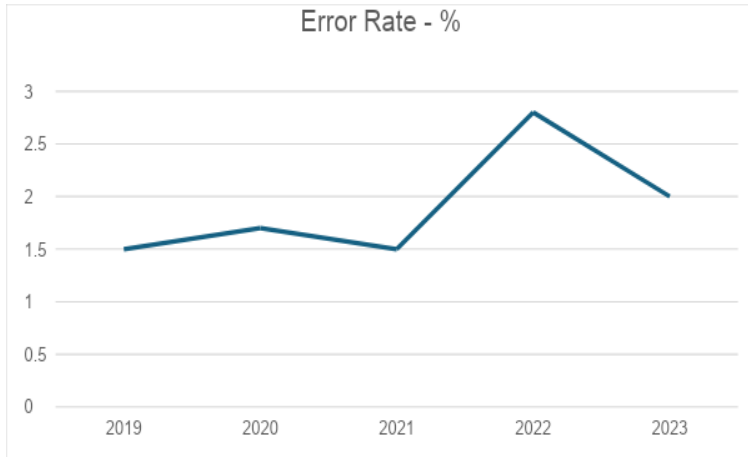


Figure 6. Tracking of invalid QSOs due to errors 2019-2023.

The Mode graph shown in Figure 7 shows the mix of submitted QSO's in 2023. For the first time in the past few years, the digital mode slightly fell in percentage of overall QSOs. The digital mode was used in 72.0% of the reported QSOs while CW was 14.4% and phone was at 13.7%.

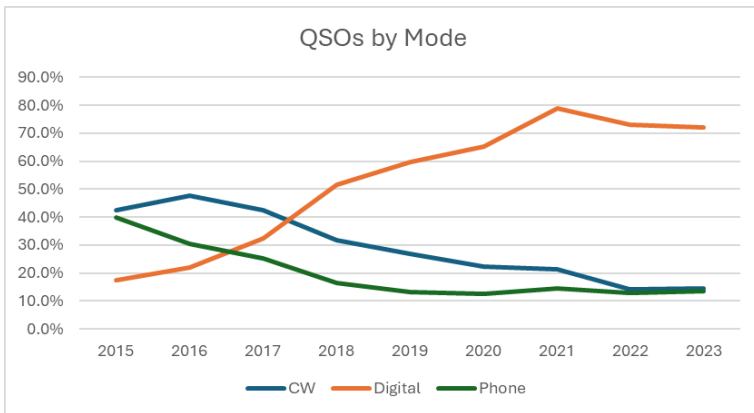


Figure 7. Mode breakdown of DX Marathon QSOs. In 2023, the percentage of digital QSOs slightly declined.

The highest scores in the DX Marathon program have historically been dependent on 1) propagation and 2) the number of DXpedition activations. Both of these factors resulted this year in a top score in the Unlimited Class of 329 vs. last year's 307. Surprisingly, the Limited class had a top score of 324. Combining all of the scores equal-to or greater-than 300 yielded 86 entrants in the Unlimited, 9 in the Limited, 3 in Formula 100 and 1 in Formula 5. In 2022, there were a total of 12 over 300 across all classes!

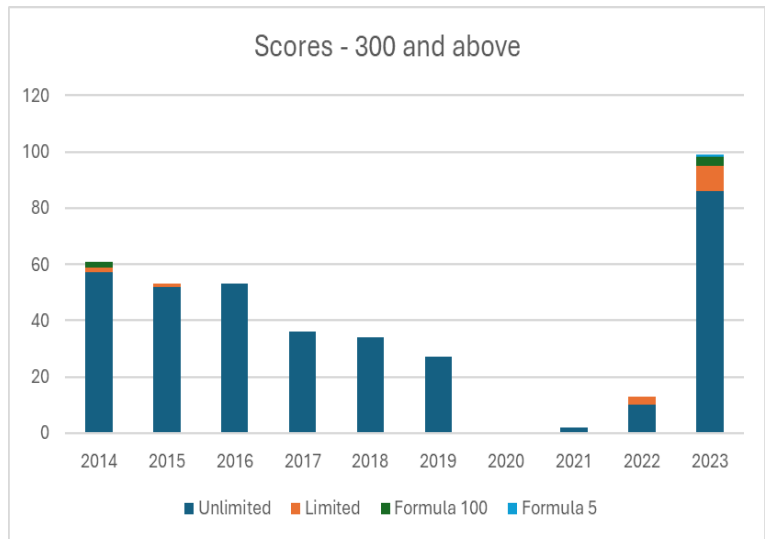


Figure 8. Scores in 2023 that were 300 or above—a new historical record for the DX Marathon Program.

As might be expected, with Cycle 25 advancing nicely, the percentage of QSOs submitted for the 10, 12, and 15 meter bands increased by 81%. These 3 bands represented 51% of all the QSO's submitted. 2023 resulted in a record high total of 366,214 QSOs.

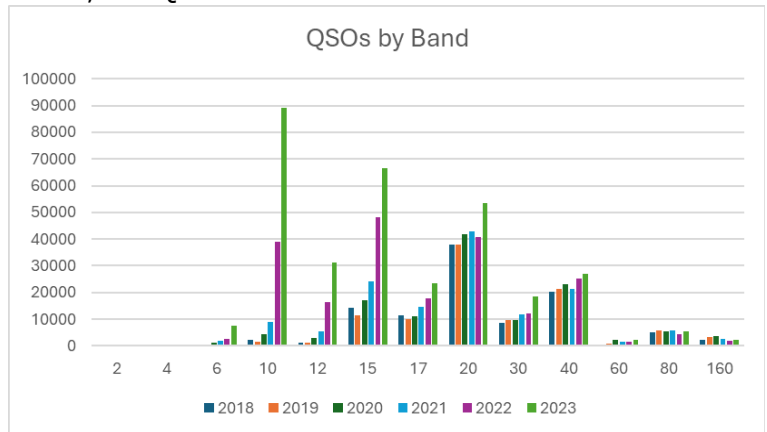


Figure 9. Band breakdown of DX Marathon QSOs, 2018-2023. 10-12-15 Meter bands represented 51% of all QSOs.

Some Interesting Metrics....

The average scores in the four classes of Unlimited, Limited, Formula 100, and Formula 5 all were higher in 2023 compared to 2022. For Unlimited, the average moved from 187 to 210, for Limited from 168 to 181, for Formula 100 from 159 to 160 and for Formula 5 from 107 to 144. The overall average moved from 178 in 2022 to 185 in 2023.

A wonderful aspect of our hobby is our amazing demographic profile. Participants include doctors, lawyers, fireman, policeman, and just about every profession that exists. We believe that the vast majority of those who are hams do not have "mega stations," but instead run 100 watts and utilize wire or vertical antennas. We have been targeting this huge group of hams in many of our zoom presentations conducted during the course of the year.

As a result of FT8 and Cycle 25, many operators running 100 watts or less with wire or vertical antennas have had the opportunity to enjoy the wonderful world of DX. As verification of this assumption, one of the most powerful metrics in the program is the growth in Formula 100 participation. The year-to-year increase in this class between 2022 and 2023 nearly quadrupled (4x). In 2022 there were 157 submittals in the Formula 100 class that grew to 598 in 2023. The Unlimited class still represents 47% of the participation with Limited at 17%. QRP came in at 2% of the total submissions.

Many of our participants have chosen to participate in the single mode category. In 2023, only 3.6% of the entrants chose single mode CW while those selecting single mode phone were 7.6% of the total participants. Digital lead the way in single mode with 19.7%. As a percentage of the total, 31% chose the single mode entry.

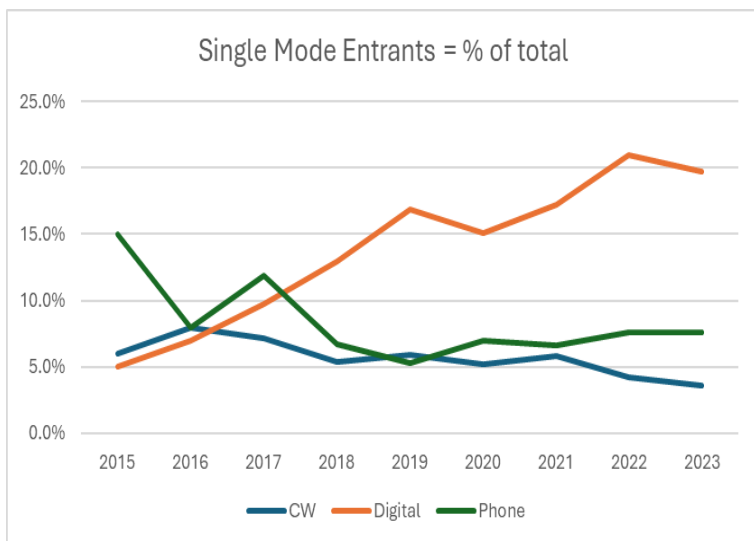


Figure 10. Single mode entries represented 31% of the total participants.

A single band choice for participants may be one of the best opportunities to win an award plaque. Amazingly, the number who enter in single band are not as large as one might expect. Only 3.6% of all participants selected the single band option! In 2023, the 10 meter band was selected by only 24 entries and that band represented the largest number of entries in the single band category. The second largest band choice was the 40 meter band with only 11 participants! If you want to change it up in 2024, give consideration to entering the single band category. Many of our participants that have entered the single band category year after year like the Bob Locher, W9KNI on 40 meters, or Marvin Hlavac, VE3VEE on 20 meters but many others who historically have participated in all bands have made the switch just to add a little DX variety into their lives. Figure 11 shows a graph depicting this category choice in the program across each band.

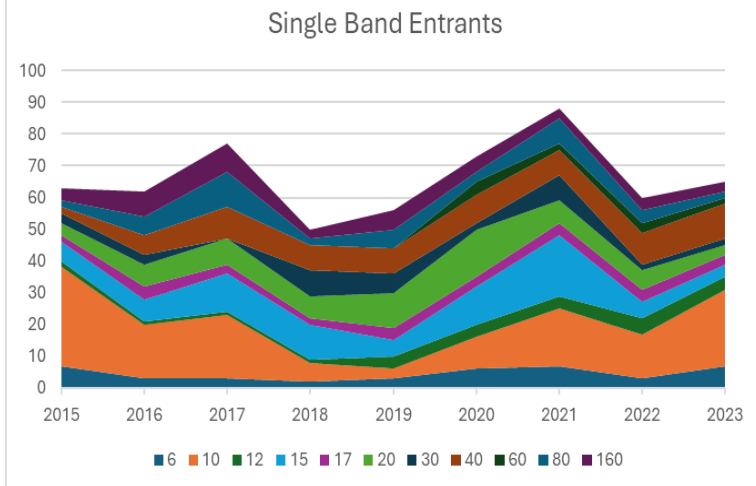


Figure 11. Single band entrants by band in 2023—The best kept secret in the DX Marathon Program.

We are trying very hard to spread the mix of participants in many of the other continents outside of North America. For years, our program has split between roughly 33% North America participation and 67% international. In 2023, North America had the largest participation at 33.5%. Growth in the North American area over that of 2022 was 47.5%. South America was close behind with 28.1% of the total participation and grew from 2022 at 49.5%. The third largest continent in terms of participation was Oceania at 20.7%. Figure 13 below shows the distribution of continent participation.

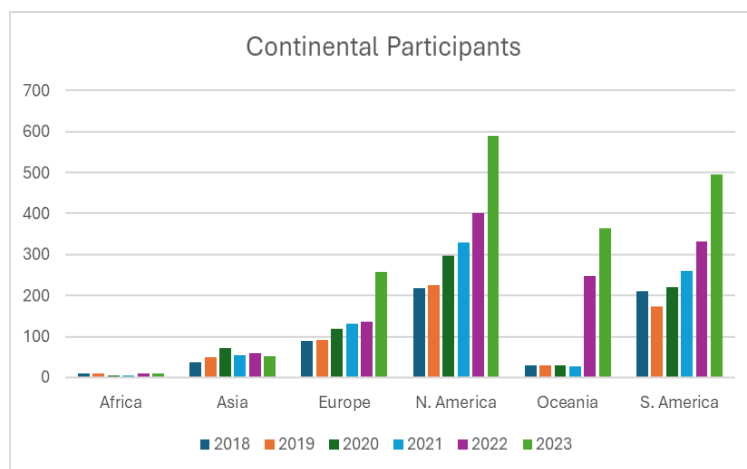


Figure 12. Participation in the DX Marathon Program by Continent and the Winners Are....

Competition remains alive and well. The Unlimited Class had 86 scores at 300 points or higher, and the winner with the highest submitted score in the 2023 program, was veteran DX Marathoner Antonio D'Arpino, IK0OZD with a program high score of 329. Not surprising, in second place with a score of 325, was John Sweeney, K9EL. For 17 years while administering the DX Marathon Program, John never entered but participated in the background. After the conclusion of the 2022 program, John turned over the reigns to me and we are all very glad to have him now as a participant. Watch out in the future...he is a very solid DX'er.

In the third position, in the Unlimited class was George Efremidis, DJ3AA with 324 points, just one point behind K9EL. George accomplished this score with a spider beam on 6m-20m, Yagi steppIR also on 6-20m, dipoles for 80m-160m and a vertical for 30m-40m. Well done George!. Closing out the top in Unlimited class was Barry Cohen, N2BJ with 323 points, and finally Bill Kendrick, N6RV also with 323 points. Great job fellows.

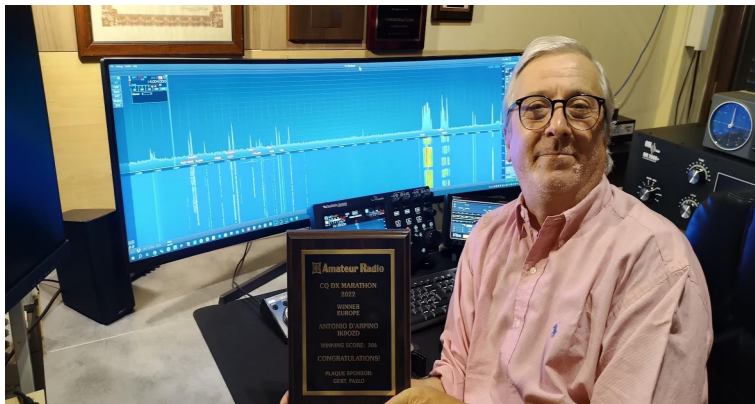


Photo A. Antonio D'Arpino, IK0OZD this year's winner of the Unlimited Class. Antonio was the winner Europe in this photo in 2022.

Many participants in the program do it to better their personal best from year-to-year, or to see how they compare against like-equipped hams around the world. Some do it to engage in competition; for sure competition is keen in the Unlimited Class. Within the top 14 participants, there was a separation of only 9 points between #1 and #14! Whoop, that's competition.

Moving to the Limited class, Savas Pavlidis, SV2AEL the top scorer in this class in 2022 repeated and scored the highest in the Limited Class again in 2023 with a score of 324 points. He was followed by James Leahy, K2JL who took the top prize in this class in 2021 and was runner up in 2022. In third place was Carlo Bonomi with 315 points. Congrats to all of the Limited Class winners.



Photo B. Both 2022 and 2023 20 meter single band winner, Marvin Hlavac, VE3VEE.

Moving to the Formula 100 Class, taking the top spot in 2023, was Karel Karmasin, OK2FD with 315 points followed by Bijoy Biswas, VU2FGQ with 312 points. Bijoy also was the winner of the Zone 22 certificate award. It's great to see such strong performance coming from our friend in India. Congrats Bijoy. A familiar name to the DX Marathon program, Joe Subich, W4TV scored 311 in the Formula 100 Class. Joe also had the highest score in the entire 4 call area in the US and will be receiving a certificate.

The tough and relentless participants in the Formula 5 category, and do I ever appreciate what these folks accomplish each and every year, was veteran QRP'er, and maybe the most outstanding operator in the world on QRP, Dan Walker III, WG5G who achieved a historical high in the DX Marathon with his personal top score of 313. Dan was also one of the 300 entrants with a perfect score, i.e., no errors on his submission. On September 1, 2023, Dan also received a QRP endorsement from the ARRL for all DXCC awards which means they acknowledged that he earned the Mixed, CW, & Honor Roll awards while using QRP power of 5 watts! Some say adversity builds integrity. In June of 2022, Dan lost his quad and tower from a violent and severe thunderstorm destroying both. He has since rebuilt these and as we see he is back in business. Congrats Dan for your accomplishments and support in the participation the DX Marathon Program! Your plaque will soon be on the way. Close behind Dan in the number 2 slot was Roberto Correia, Jr, PU2RTO with a score of 293. The third position was achieved by Stefano Menon, IZ3NVR with 291 points. Finally, the fourth position was Sam Burgin, NN4Q with 279 points and the next position, with 276, is DX Marathon avid supporter and contributor, Anthony Luscre, K8ZT. Congratulations to all of you amazing QRP'ers.



Photo C. Bob Locher, W9KNI is Mr. 40 meters! Winner of the single band plaque 40 meters in 2023.



Photo D. Dan Walker, WG5G winner of the 2022 and 2023 Formula-5 Class, setting the all time high score in 2023 of 313.

All categories and all scores are posted in this article but it is worth mentioning a couple of significant accomplishments. We are trying to encourage club submittals through the many zoom meetings I have done. Club leadership has told me they are always looking for ways to engage members, and the DX Marathon participation fills that need. In 2022, there was a 23% increase in the number of club submittals over 2021. In 2023, we had over 150 club submittals. To further encourage club participation, in 2024 we created a "tranche" of clubs depending on size. There will be three plaques awarded: for clubs with 75 entries and over, clubs between 26 and 74 submittals, and clubs with 25 or less.

Once again, in 2023, the YB-Land DXing Passion IS Club of Indonesia took the honor with an amazing performance of 50,208, that bettered their last year's top finish. It is truly amazing how this club has organized and motivated members to participate in the DX Marathon Club competition. We are hoping to see a large increase in 2024 club participation.

The runner-up club was the Rio DX Group, with 21,358 points, followed in third place by the Southeastern DX Club of the US with 13,438. The fourth place finisher was the Northern Illinois DX Association with a point total of 12,371. We hope that clubs start their planning now to put in a score at the end of 2024, to gain lots of notoriety within the club DX Marathon competition and we hope that you have lots of fun working DX as a club. By the way, club scores are calculated by simply adding the individual scores of all participants that name their club on the submission forms.

Single-Mode Winners

It is indeed fitting to recognize the single-mode accomplishments for 2023. Lada Prajsner, OK2PAY secured his 9th consecutive highest CW score with 309 points. Jeber Colares, PY4JW secured the world wide high phone score with 275 points. Jeber, thanks for keeping phone alive! An all time high ever score for digital goes to Steve Larson, N3SL with a whopping total of 320 points. Steve was #1 in NA in 2022. Great job fellow. There are your targets ladies and gentlemen for 2024!



Photo E. Single band winner, 60m George Szabadkay, HA5WA in 2022.

Other Noteworthy Accomplishments

Turning to North America, John Sweeney, K9EL secured the top NA score, posting a 325. Congrats John in your first year as a participant!. The highest CW score in North America was Bob Gill, K5BG with a point score of 296. As for South America, the highest score was posted by Fred Souto Maior, PY7ZZ with a formidable 316 points. Steady performer, Jose Vasconcelos, CT3MD secured the high African score of 317 topping his 2022 score of 291 topping his 2021 score of 279. Continuous improvement is a wonderful thing! Congrats to all the plaque continent winners!



Photo F. Valdeci Ros Porcel, PY2XU hold his 2022 plaque as the world top on the 17 meter band with a score of 278. Well he returned to be our 30 meter winner in 2023 with a score of 289. Those Brazilian operator are tenacious! Congrats Valdeci.



Photo G. Bob Gill, K5BG winner CW North America in 2022 with a total point count of 250 bested that in 2023,. He is back with the highest CW score in NA with a score of 296. Fantastic job!

In addition to the awards made on the Mode plaques, we award plaques to the top score on each continent plus the highest score on each of the 6 through 160 meter bands. All of these winners, along with the runners up, are shown on a chart labeled "Top Scores" within this article. Worthy of notation is W9KNI, Bob Locher who won the 40m band. Done all with phone and CW, no digital!

Youth Winner

Last year, the DX Marathon Program initiated a youth plaque overlay award. That plaque went to a 14-year old Eduardo Almeida, PU5FJR of Brazil. Eduardo is the son of PP5JR. His 2022 score resulted in the plaque award for 221. We all know how important it is to engage youth in our hobby....it is our future. We at DX Marathon are encouraging youth participation and have expanded the 2024 program by not only awarding a plaque for the highest score, but certificates will be issued to the highest scoring youth on each continent. In 2024, we have a YL in Germany that has secured the plaque. Her call is DL7PIA and her name is Pia Wurster and scored a record breaking 280 points. Pia secured her license at age 12. In 2022, she started learning and enjoys CW. Today she is 16 years old and loves DX'ing.



Photo H. The DX Marathon first youth plaque winner in 2022 was Eduardo Almeida, PU5FJR of Brazil who scored 221 points.



Photo I. Pia Wurster, DL7PIA is the winner of the 2023 Youth Award with a score of 280 points. Watch out YL's in 2024 as the new YL overlay will most certainly be in contention by Pia. German hams and others, you should be proud of this young lady!

Worthy of mentioning, as well, are the runner up youths who participated this year. We had lots of participation. In number two position was Eduardo (see Photo above), PU5FJR with a total of 249 points. In the third position was Merzuke Gediktas, 9A/TA7YLY of Croatia, coming in at 236 points. In the fourth position was Angus Alexander, KJ7KOJ with 235 points. Finishing in the 5th position was William Sanders III, WT5A with 196 points. Great job, youth, and we hope we will see all of you back in 2024. Keep up the great work and good luck DX'ing. Each of the placements mentioned above will receive a beautiful certificate for their accomplishment in the 2023 youth overlay.



Photo J. Sergio Almeida, PP5JR is a serious competitor from Brazil. He is displaying his many plaques and in 2022, he was the 80 m band world winner with a score of 220. He repeated his top position on 80 m in 2024 with a score of 238.

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 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, which was redone last year, 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; you can decide at the time you submit. By far, one of the most important helpful tools available to you is listed under the Resources tab. Here you can look at many subcategories. The most valuable will be the Valid Calls & Notes, and Invalid Callsigns.



Photo K. Yes, and Dx'ing can be done on 6 m as well. Eric Trumeau, F5BZB in 2022 won the 6 m plaque, the first year that it was given instead of a certificate. Eric had an amazing score of 189. In 2023, he was bested by a French colleague, Cedric Morrelle, F5UKW scoring 201. Bon travail, Cedric. Oh, did I mention he operates his station on solar power and batteries!



Photo L. Bill Gibbons, K2TQC is a true veteran and active participant in the DX Marathon Program. He was winner in 2022 of the 12 m plaque and in 2023, he earned highest score and will be awarded a plaque for the highest world 17m with 318. A real pro! Thank you also Bill for being a sponsor of the world high digital score plaque.



Photo M. Savas Pavlidis, SV2AEL won the Limited World Class plaque in 2022 with a score of 303. He repeated as the top Limited participant in 2023 with a score of 324. Thank you also Savas for doing the Greek translation of the Rules last year and this year.

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. As I earlier stated, we only had around 300 error free logs. I know from my own experience that my errors have decreased over time because of the time I spent verifying my submissions.

Many logging programs will give you the year-to-date score as you progress during the year. In 2023, we made our web-based tool available to you at www.marathon.ham2k.net. All you need to do is input a year-to-date adif file into the tool, and you will instantly get a progress report of country and zones worked. I encourage you to check this out.

When logging a QSO from a DX spot, listen carefully to the DX station to make sure the callsign is logged correctly. Nearly 40% 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 submittals. 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. Subtractions resulting in the reporting on submissions of pirate operations continues to represent a significant error as well. We try to post as many of these pirates as we can on the website, but we do not catch all of them. Please carefully check these yourself.



Photo N. Halil Ayyildiz, TA2LG secured the highest score in Asia in 2023 with a score of 319. This comes after he also won the same award in 2022 with a score of 302. Gotta love the Cycle 25 propagation!

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.

Secondly, I have a personal thank you to John Sweeney, K9EL who unselfishly managed this program for 17 consecutive years. That in itself is truly amazing. I have been involved in the program, managing the DX Marathon, for about 1 1/2 years and do it with the help of four people. John did it by himself for these 17 years. This was a herculean job and we all should be grateful for all the sweat equity he put into the program. Furthermore, John is still on our Board of Directors and he has given our team much advice and help based on his rich history and experiences in the program. Thank you so much John. I had the honor at the W9DXCC program to present John with a plaque recognizing his service to the DX Marathon Program. We also have created a Super DX Marathon Program award in 2024, in honor of John, that will be presented to the participant with the highest 5 year consecutive score.

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, made available a year to date tool so that participants can gauge their progress in Marathon throughout the year...and has provided assistance and training to me on how to manage and make changes to our website. John Samuels, K2CIB scans many DX publications daily and provides inputs to me on good calls, broken calls, pirates, dxpedition details, etc. He spends hundreds of hours a year keeping you, our participants, with updated information as soon as is possible. Doug McDuff, W4OX our compliance manager has assisted me in evaluating rules, etc. Finally, we are short a Data Manager but to bridge this absence, John Sweeney, K9EL has pitched in with his amazing spreadsheet skills and helped make it possible for me to present most of the data analysis that you are reading in this 2023 report. Thank you all for your dedication and commitment to our hobby making it fun and simple for our participants.

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, the fastest growing DX program in our hobby today. One added thank you goes to Jim Reiser, AD1C who every month provides us with busted DX spots. He also continues to update his ADIF to DX Marathon conversion program. Thank you so much Jim for your selfless contributions to the DX Marathon program.

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 unrepresented 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

It was an amazing year, this the first full year of my tenure as head of the DX Marathon Program. Frankly, my expectations were to get into the double digit percent growth in 2023 like 10-15%. I was shocked at the +50% growth but indeed very pleased and excited. As I do club presentations, I can now see how our program simply has not become visible among the many worldwide hams that enjoy DX. 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. I am working on a possible new logo and the three words that may be used are "Global—Simple—Fun". Most of our participants, through their many comments in the submission which I so enjoyed reading this year, clearly stated they loved the program and it was fun...no pressure...no complications. My desire is to keep it that way.

I know many of you have heard about the financial distress that CQ Magazine has undergone. We hope they resolve their problems. As is always the case in my business career, there always has to be a "Plan B". If they do not we, organizationally and financially, are solidly placed to continue on our own.

When I was a working person, I learned early on in my career that the best ideas for any product or service do not come from the R & D departments but instead come from your customers. I believed in spending huge amount of time face-to-face with my customers and listening. There is a reason why God gave us two ears and one mouth! I encourage all of you, during the course of the year, to use our Group IO site or simply send me an email with any ideas you might have that would enhance our program. We may not implement your ideas, but I can promise you we will listen and consider each and every one of them...do not be bashful. Tell us the good and the bad. It is the only way we can keep this the most popular DX program in our hobby.

Please enjoy your participation in 2024. The following pages post the many results for 2023. Enjoy and "Gud DX'ing.

73, Mark Wohlschlegel, WC3W

TOP SCORES

BOLD = Plaque Winners

* = Certificate Winners

Callsign is followed by score

Unlimited Class

IK0OZD	329
K9EL	325
DJ3AA	324
N2BJ	323
N6RV	323

Limited Class

SV2AEL	324
K2JL	322
IK2RPE	315
AF7NX	309
PU2UAF	307

Formula Class - 100w

OK2FD	315
VU2FGQ	312
W4TV	311
YD2ULK	299
NE5W	295

Formula Class - 5w

WG5G	313
PU2RTO	293
IZ3NVR	291
NN4Q/QRP	279
K8ZT	276

CW

OK2PAY	309
K5BG	296
PA3FQA	294
IK1PMR	286
K1WNT	268

Phone

PY4JW	275
N3CDA	262
VK5KI	258
IZ5CML	256
VA3IDD	246

Digital

N3SL	320
PY7ZZ	316
PY2APK	316
IK2RPE	315
HK3W	314

Africa

CT3MD	317
ZS2DL	278
3C3CA	262
CT3HF	239
ZS4JAN	227

Asia

TA2LG	319
JE1FQV	314
JA0DAI	313
VU2FGQ	312
A71AE	299

Europe

IK0OZD	329
SV2AEL	324
DJ3AA	324
R6YY	322
EI2GLB	318

North America

K9EL	325
N2BJ	323
N6RV	323
W1YY	322
K2JL	322

Oceania

YB5QZ	322
YB1AR	318
YE1BON	317
VK3KJ	317
VK6DW	310

South America

PY7ZZ	316
PY2APK	316
PY2LCD	316
HK3W	314
PY2MST	308

6 Meters

F5UKW	201
F5BZB	199
PY2XB	188
IK7EQT	184
PY5EW	169

10 Meters

PY2LCD	316
K2ZJ	312
KB0EO	304
AA5JF	257
PU5FJR	249

12 Meters

IK0YVV	315
PY2MST	308
PU2UAF	307
PY2TC	276

15 Meters

PY5EG	297
PY2CER	292
W2AXR	247
PQ8VA	75

17 Meters

K2TQC	318
PY2NF	292
LY5M	115

20 Meters

VE3VEE	320
VK3TX	262
PP5DZ	221

30 Meters

PY2XU	289
SP8RO	151

40 Meters

W9KNI	275
YF7RDM	160
K9CJ	157
YD2UUG	96
YD8CSJ	77

60 Meters

W1NG	195
LY2FN	75

80 Meters

PP5JR	238
DL6DH	225

TOP SCORES (CONTINUED)

		OA4DOS*	205	FG	FG8OJ	281	
		PY7ZZ	316		FK8HM	249	
160 Meters		CE3BT*	266	FS	TO9W	190	
K7ZV	119	LU2NI*	294	G	M0NKR	314	
N4IS	110	DJ3AA*	324	GI	MI0BHX	223	
PY5XH	77	IK0OZD	329	GM	GM0OPS	311	
		R6YY*	322	GU	GU0SUP	274	
CW - Europe		SV2AEL	324	GW	GW0KRL	210	
OK2PAY	309	A71AE*	299	HA	HA1RB	310	
PA3FQA	294	VU2FGQ*	312	HB	HB9FWB	210	
IK1PMR	286	BH3DHE*	206	HK	HK3W	314	
PA0INA	257	JE1FQV*	314	HK0/M	HK0/PY8WW	139	
OZ3SM	224	E21EIC*	252	HS	E21EIC	252	
		4F3BZ*	227	HZ	HZ1SK	194	
CW - North America		YB5QZ	322	I	IK0OZD	329	
K5BG	296	VK6DW*	310	IT9	IT9RYJ	297	
K1WNT	268	VK3KJ*	317	JA	JE1FQV	314	
W4JS	266	WH6EY*	208	K	K9EL	325	
K0AL	263	FK8HM*	249	KH0	KH0/KC0W	169	
VE3CT	256	CT3MD	317	KH6	WH6EY	208	
		6W/IV3FSG*	181	KL7	KL7TC	286	
Continental Modes		3C3CA*	262	KP4	KP4JFR	267	
<i>Phone</i>		5H8HZ*	174	LA	LB8DC	310	
EA8TR*	125	ZS2DL*	278	LU	LU2NI	294	
VU2DED*	165	TF3JB*	221	LX	LX1ER	285	
IZ5CML*	256			LY	LY5O	291	
N3CDA*	262			OA	OA4DOS	205	
VK5KI*	258			OD	OD5ZZ	277	
PY4JW	275			OE	OE1SGU	290	
		Countries		OH	OH1NOA	262	
<i>CW</i>		3C	3C3CA	262	OK	OK2FD	315
VU2TMP*	222	3W	3W3B	205	OM	OM0AFM	145
OK2PAY	309	4U1UN	4U1UN	190	ON	ON6NL	313
K5BG	296	4X	4X1ST	240	OX	OX0J	102
YD9HJD*	203	5H	5H8HZ	174	OZ	OZ2PBS	306
PY4XX*	234	6W	6W/IV3FSG	181	PA	PC3T	300
		9A	9A2EU	316	PJ7	PJ7AA	151
<i>Digital</i>		9H	9H3TTN	25	PY	PY7ZZ	316
3C3CA*	262	A7	A71AE	299	PY0F	PY0FR	140
TA4RC*	290	A9	A92EE	272	PY0T	PR0T	156
IK2RPE*	315	BY	BH3DHE	206	PZ	PZ5TW	172
N3SL	320	CE	CE3BT	266	S2	S21PL	61
YE9CDL*	297	CO	CO2QU	290	S5	S5/TA7YLY	141
PY7ZZ*	316	CT	CT1IUA	316	SM	8S9J	243
		CT3	CT3MD	317	SP	SQ8N	314
Zones		CX	CX7BBR	285	SV	SV2AEL	324
KL7TC*	286	DL	DJ3AA	324	SV9	SV9COL	279
N6RV*	323	DU	4F3BZ	227	TA	TA2LG	319
K9EL	325	E7	E74YM	147	TA1	TA1CM	306
K2JL*	322	EA	EA1DR	315	TF	TF3JB	221
XE1CL*	260	EA8	EA8TR	125	TG	TG9ADQ	136
TG9ADQ*	136	EI	EI2GLB	318			
CO2QU*	290	F	F6GCP	306			
HK3W*	314						

TOP SCORES (CONTINUED)

Formula 100W

TI	TI/PY2TTN	28	W1-K1NZ*	251
UA	R6YY	322	W2-KE5HDE*	264
UR	UT7AXA	139	W3-K3THS*	151
VE	VE3VEE	320	W4-W4TV*	311
VK	VK3KJ	317	W5-AC7P*	242
VK9L	VK9LAA	164	W6-NC6RJ*	204
VU	VU2FGQ	312	W7-N2WLG*	254
XE	XE1CL	260	W8-WE8L*	260
XW	XW4KV	183	W9-W9KVR*	262
XX9	XX9ET	179	W0-AD1C*	288
YB	YB5QZ	322		
YJ	YJ0TT	160	W2-WB2FTQ*	70
YO	YO3APJ	293	W4-NN4Q/QRP*	279
YV	YV5OIE	272	W5-WG5G	313
Z3	Z38EE	72	W6-W8QZA*	241
ZL	ZL4YY	242	W8-K8ZT*	276
ZS	ZS2DL	278	W9-KW9E*	202
			W0-ND0C*	232

Formula 5W

MODE & BAND SCORES

BOLD = Plaque Winners
Callsign is followed by score

CW

OK2PAY	309
K5BG	296
PA3FQA	294
IK1PMR	286
K1WNT	268
W4JS	266
K0AL	263
PA0INA	257
VE3CT	256
W2NK	244
PY4XX	234
KF9LI	233
VE9VIC	230
OZ3SM	224
VU2TMP	222
WS7L	218
K4NNK	216
PY5WD	215
SM5TOG	211
PY2WMW	208
CX5FK	204
N7US	203
YD9HJD	203
PY2OP	195
W1AJT	194
ZL2IFB	192
G4BUE-QRP	192
PY1KO	186
IU0ITX	184
KY0Q	183
NW6V	176
K5TF	173
K0VSH	171
IO0A	169
PY5AKW	168
OZ2I	163
TA3D	161
DL5SFC	146
KH0W	145
YB1RKT	142
K2PO	142
IU0PJS	141
K7RAT	140
PY5FB	132

USA Modes

Phone

N3CDA 262

CW

K5BG 296

Digital

N3SL 320

Canada Call Areas

VE2BR* 269

VE3VEE 320

VA4ADM* 180

VA7QI* 259

VE9VIC* 230

US Call Areas

Unlimited

W1-W1JR* 312

W2-K2TQC 318

W3-K3RA* 315

W4-K1ZN* 320

W5-WA9PIE* 311

W6-N6RV 323

W7-W1YY* 322

W8-KB8O* 313

W9-K9EL 325

W0-N3SL 320

Limited

W2-K2JL* 322

W3-WA3WZR* 226

W4-K3GWK* 231

W5-K5DC* 283

W6-WW6G* 260

W7-AF7NX* 309

W8-WA3JAT* 287

W9-K9GA* 297

W0-K0BL* 148

Youth

DL7PIA 280

PU5FJR 249

9A/TA7YLY 236

KJ7KOJ 235

WT5A 196

Top Club Scores

YB-Land Dxing Passion Indonesia 50208

Rio DX Group Brazil 21358

Southeastern DX Club US 13438

Northern Illinois DX Assn US 12371

CDR Group Brazil 11661

MODE AND BAND SCORES (CONTINUED)

W2XL	128	ZW2T	146	PY1KW	65
PX1M	117	PP5GW	134	CB2R	63
SQ5VCO	114	CB1C	133	NR6Q	61
NN4K	105	YC1CMZ	133	PU2NEZ	59
K9UQN	100	PS0F	132	PU2OXB	59
W8AV	91	PW7T	131	PV7M	57
VU2MUD	85	PU2NUP	128	WB3CFN	57
PY2RH	79	PY1PDF	126	CE6TTL	56
Z38EE	72	CE2GT	125	ZV7W	55
WB2FTQ	70	EA8TR	125	CB7C	53
N5FL	66	CE2PM	124	PT2JAR	53
PX4M	60	PP5KJ	124	YB1CLE	47
PY1DX	50	TA1API	121	PU2XMP	44
ZX7O	50	PY1LU	119	IK0EFR	43
PY1XW	49	KE0WPA	119	CB7A	43
PR2V	47	PP2DX	118	PY2PZL	42
PY5FNB	21	CE6BMF	118	PY5JR	40
ON1QRP	19	K6DW	118	PU1JUL	38
PY2YYZ	11	PY5MM	117	LW4EF	38
PY4IM	2	PR4E	111	ZY2MAM	37
		IR1WRTC	107	PY2MAM	37
		PU2SEX	104	PU1JAH	35
		PT7PT	104	LU1WCL/XA	30
		TA0ACL	100	PY4OR	29
		PY9BR	99	TI/PY2TTN	28
		PY1NS	97	ZZ5V	28
		LU1EHX	95	PY2ARA	26
		PP5BJF	94	9H3TTN	25
		PY1KG	94	PY2GMI	25
		YC5LCZ	93	ZZ5PR	25
		ZV1T	91	PQ2HX	24
		PY4BAL	90	ZW1KDT	24
		CE1WY	89	PT7APM	23
		PU2WYP	89	PY2MCS	22
		TA3EP	88	PU5MBF	22
		PY6GOE	87	KC1RNN	21
		ZX7E	86	PT2ASR	20
		PU7HLT	84	PU1JDU	18
		PV2D	81	PY1EDB	16
		TA3J	81	PP5IP	15
		CX4RL	81	ZW1F	15
		PY4WWW	80	PY3TAM	12
		PU1KVD	80	YC7AAE	12
		PY2TNS	75	PY2MMZ	9
		PW5B	74	PY5JY	8
		PU1WZY	72	N4VGE	8
		LW3DBW	72	PY2TSM	8
		ZY6G	68	PP5ZV	8
		LU1WCL	66	PU3TLG	6
		TA3P	66	PU1RTR	5
		PY3CB	66	TA1DAM	4
PHONE					
PY4JW	275				
N3CDA	262				
VK5KI	258				
IZ5CML	256				
VA3IDD	246				
IU1RLJ	241				
I2OLV	241				
PY6HD	239				
KD8NYP	235				
W7ZB	227				
KD8NYO	226				
MI0BHX	223				
OZ4MU	210				
CX3AT	208				
LX1SG	208				
IU0PXQ	198				
YV4EK	188				
PV2G	185				
N4BQQ	180				
YD1CMZ	175				
YB9ELS	171				
PY2OX	166				
ZV2B	166				
VU2DED	165				
PY6RT	156				
MM0INH	152				
CX2RA	149				
YV5RAB	147				

MODES AND BAND SCORES (CONTINUED)

		W7HR	258	KC9GHA	221
TA1ATP	4	I4KYO	258	YB1YCI	220
PU3ABA	4	W7MY	257	AJ4HW	220
YC1MCD	2	YC1EOM	257	YB1TQL	218
		PY2ATI	257	YC4AEW	218
		PY2RPL	255	CX7SS	218
DIGITAL		PU2VLW	255	KW9U	217
N3SL	320	YC0AIB	253	YF1BSH	216
PY7ZZ	316	K4AAX	252	PY5IP	216
PY2APK	316	LW4EAZ	251	AC1PK	216
IK2RPE	315	KQ4EKW	251	MM0HVU	215
HK3W	314	KD4RH	251	K7FU	215
HA1RB	310	NY7H	250	PP5AMP	214
HA5WA	306	CX2AQ	250	SQ3RAX	214
EA3HRE	303	YD1DRH	250	AJ6X	212
IK0PEA	302	KB7IJ	248	YC0RFS	212
IK5FKF	301	IV3BLQ	247	YC2FTM	211
W9JJB	301	IZ0BVU	246	PU2SEG	211
5P1KZX	297	YC2DZG	244	GI5KSO	210
YE9CDL	297	K0LB	244	PU2RXS	210
W6XK	295	PY2DMZ	244	KB9S	209
LU2NI	294	NK0S	243	WH6EY	208
TA4RC	290	YD9ATK	243	YB0WYN	207
G7IRN	289	8S9J	243	YC2BST	207
PY5EJ	289	N7UVH	241	F4TNK	206
CX7BBR	285	YB2NCD	241	YB2AJ	205
YB1UUN	283	W8BLA	240	TA2M	205
CO2AV	283	W4UWC	240	PW8BR	204
PY2CT	283	CX3VB	238	NC6RJ	204
CO8MCL	283	PY1SX	236	SO1RON	203
WA8PAM	279	PY2MLO	235	YD7UFI	202
OD5ZZ	277	PY2DN	235	PS8MT	202
VU2WJ	277	YC1JJS	234	KW9E	202
LY2KM	276	YC9RRR	234	YC8RDG	201
W9PDS	275	YB1BZV	232	YB7CV	199
GU0SUP	274	PU7RML	230	YF1AVS	199
WX6V	272	SV2AOB	230	YB1INQ	199
YE1AR	271	XE1CC	229	YC9DPO	198
LY2PAD	270	IK5AEQ	229	YC0APU	198
WB4RA	267	ORARI	229	N8XHF	198
CE3BT	266	YD2PZZ	228	YB2LIW	197
CE2EC	266	PU5JVA	228	YF1BFG	196
YC7ONI	265	PY2SRB	226	PU2YFR	195
KE5HDE	264	PY5CC	225	WJ4K	194
OE1TOA	264	PU2VDV	225	DL5JH	193
PY2YJ	263	PU1VKG	225	PY4FD	192
3C3CA	262	YB0KTT	224	YC9JKT	192
VK3FZ	261	K4UWC	223	PY4KS	191
WW6G	260	PP7LL	222	PY3WW	190
CX1VH	260	PU5YSV	221	YC2CZV	189
VA7QI	259	CO2CW	221	CA2EIH	189

		YG3BLY	165	VU3OQR	140
MODES AND BAND SCORES (CONTINUED)		KH6RDO	165	LX1FP	139
XR3Y	189	AC1BC	163	YC0EYA	139
PY2XB	188	YB9JAU	162	YC0HSC	138
YD2BRC	187	PY2XZ	161	PU5SVE	137
YD1EOL	186	PY2LRZ	161	W4HZD	137
PY2ANY	184	YF1ALO	161	TG9ADQ	136
KD9EOK	183	PU5GER	160	YC1IWW	135
AA8R	183	N3VG	160	PY2RMY	135
YB5MB	182	W9AP	159	YC4AGG	131
YC1FT	182	YD2CRO	158	PU4HUD	131
K1WX	182	PU1ERS	158	PR7XB	130
PY2RVM	182	PU5SIX	157	YF9EBT	129
YB8ACM	181	YG7UBQ	157	KI6BTY	129
LW5DR	181	IW1CBG	157	AI3KS	127
YB4BM	180	YD2CSY	157	YB2IBO	126
CO8WZ	179	K9AJ	157	K9APD	125
VK5DG	179	YF7UFV	156	PU2VJI	123
HB9DDZ	179	YB2TTM	156	PU2TES	122
WC7L	178	PY2NL	156	YC1EBM	121
PY2HJ	178	YD4MFZ	154	YC1LZD	120
PU1AJN	177	IK0SME	153	YD2HIS	120
YC1FGO	175	PT8DX	153	AD5LU	119
YV5BRB	175	YC2AXY	153	YB1BBT	118
YC1CYO	174	YB1KQV	153	K7PAX	118
PY1GB	174	AA4SC	152	KR4EE	116
YB0XTU	174	AD8CM	152	PW8DF	115
WA3EEC	174	PY2AP	151	YE9CZY	110
YB4LGQ	173	YC5NCO	151	KN4APC	108
N5ER	173	YC7UZO	151	PU1TFT	107
CE3DOH	172	YB1LCD	150	PU5DIG	106
YC1JNV	172	YD1LCT	149	PY5EF	106
YC7BYH	171	YC8ABD	148	PU2GTA	105
YB1KEL	171	YD4FDC	148	YD2AXD	105
N6NFB	171	IK2HNG	147	LY3TW	105
YB2BNN	170	PY5YAM	147	ZZ5WCB	104
YB7UB	169	PU1VMA	147	W4ANO	104
PY5EW	169	YG2AMA	146	VK2EY	103
VK3SN	169	PY2EQ	146	N7MWL	103
YB4KAR	168	YB2BAJ	145	YD4GMC	103
PU5CVB	168	YC0OXG	145	YB2TS	102
WX7HS	168	OM0AFM	145	YG1BKV	101
IV3FSG	168	KG5HTH	145	YE3CZW	101
YD7ACO	168	YG1BJM	144	PU2MBY	99
TA2OM	168	YC2IOF	144	PT7BL	99
W7BDP	167	N6JV	144	KN4TCF	98
4Z5MY	166	YD4MUA	143	N7IY	95
YC1CAR	166	PY7DJ	143	I19PAB	94
YB0MLE	166	PY2AYH	142	CB3UP	94
YB1BFP	166	TA4SO	140	WB7AZK	93

MODES AND BAND SCORES (CONTINUED)

PR7AB	91	YD2NCN	11	15 METERS	
XQ7UP/3	89	CE3PCG	10	PY5EG	297
YC6HLG	84	PU5WWS	8	PY2CER	292
PU2OXU	83	ZZ2POA	4	W2AXR	247
CA4FJX	82	YD1GLT	4	PQ8VA	75
YC2OBF	81				
JO7KMB	78				
		6 METERS		17 METERS	
PU1SJL	77	F5UKW	201	K2TQC	318
KC9OQO	76	F5BZB	199	PY2NF	292
N4AKL	75	PY2XB	188	LY5M	115
YC1FOV	72	IK7EOT	184		
PU7OBR	72	PY5EW	169		
IT9FTP	72	F4BKV	165	20 METERS	
W9AS	71	IW2CAM	144	VE3VEE	320
PY2OAL	70			VK3TX	262
YD8ACD	70			PP5DZ	221
YD8ACD28	70	10 METERS			
		PY2LCD	316	30 METERS	
PT9BM	68	K2ZJ	312	PY2XU	289
YV5AJI	68	KB0EO	304	SP8RO	151
5H3TSA	67	AA5JF	257		
PY4AR	63	PU5FJR	249	40 METERS	
W7SMW	63	IW9EZO	249	W9KNI	275
ZW2F	61	PU5BIA	245	YF7RDM	160
PU4OSB	61	VK3KTT	208	K9CJ	157
AI5LR	59	PX2W	205	YD2UUG	96
KI5ZHH	58	PU2UPI	187	YD8CSJ	77
PU1OWL	58	PU2YWR	186	YG2AKO	57
YC0AWI	55	PU5BOB	176	YD4ANB	37
PY2MDF	54	YV5OG	162	YD3CQX	26
YB7UQU	53	PU9FSO	147	YG2AVP	10
PR7KSA	49	YV5RVM	147	YC2SMO	6
PY1IP	46	PX5M	112	PY2MOE	5
YC7UBK	45	PR5Y	99		
YG3BKF	45	PU1NIO	95		
CE4MBN	45	CA2PJP	93	60 METERS	
PU7IOS	43	PU5ACV	88	W1NG	195
PY2VE	40	PY2VOA	85	LY2FN	75
PP7CJ	37	PU5ALE	53		
ZW1A	36	PU1SSH	43	80 METERS	
YC7JOQ	35	W4BTK	24	PP5JR	238
PY4NF	33			DL6DH	225
YC0EXO	31				
YD6ROA	28	12 METERS			
YG1AEX	28	IK0YVV	315	160 METERS	
YC2FCL	27	PY2MST	308	K7ZV	119
PP5CF	22	PU2UAF	307	N4IS	110
PP5ARF	19	PY2TC	276	PY5XH	77
YC1AWT	18				
YH8AO	12				
K5RHD	12				

ALL SCORES				UNLIMITED CLASS									
Callsign	Countries	Zones	Score	W1RM			PY5EG			K9RR			
				271	40	311	259	38	297	241	40	281	
Unlimited Class				KD5M			K5BG			IZ8CLM			
				271	40	311	256	40	296	243	38	281	
				LB8DC			OZ1IKY			WR7T			
				271	39	310	259	37	296	241	40	281	
				HA1RB			W6XK			N8TR			
				270	40	310	255	40	295	241	40	281	
				IK0XBX			W3FOX			WX0Z			
				270	40	310	257	38	295	241	40	281	
				VK6DW			NK7I			WW3S			
				272	38	310	255	40	295	241	40	281	
				OK2PAY			N4RJ			FG8OJ			
				269	40	309	255	39	294	246	35	281	
				PY2MST			W0VQ			VK3HJ			
				269	39	308	254	40	294	242	39	281	
				W1SRD			IV3VFR			OE8TTR			
				267	40	307	254	40	294	241	39	280	
				CT1GFK			PA3FQA			W4PNY			
				268	39	307	254	40	294	240	40	280	
				KW4YA			YC9AAI			IX1HPN			
				268	39	307	254	40	294	250	30	280	
				NU8Z			K9KE			N1KDO			
				268	39	307	254	40	294	242	38	280	
				HA5WA			K9ZO			VK3SIM			
				267	39	306	254	39	293	239	40	279	
				OZ6CM			W9MK			W6DE			
				268	38	306	253	40	293	239	40	279	
				K8ROX			K6OK			WA8PAM			
				266	40	306	252	40	292	239	40	279	
				K4LG			F5RRS			SV9COL			
				265	40	305	252	40	292	241	38	279	
				PY4OY			PY2NF			K4EM			
				267	38	305	252	40	292	239	40	279	
				W6RS			VK3IK			CX6VM			
				265	40	305	252	40	292	238	40	278	
				K7BV			WC3W			ZS2DL			
				264	40	304	252	40	292	239	39	278	
				PY5DK			IT9CWA			KZ1W			
				264	40	304	256	36	292	238	40	278	
				F6GCP			LY5O			WC7Q			
				264	40	304	253	38	291	237	40	277	
				KB0EO			N7JP			W7YAQ			
				264	40	304	251	40	291	237	40	277	
				W9ZCL			OZ1JDA			K9JU			
				265	39	304	254	37	291	238	39	277	
				WQ6Q			PY2AE			NA5C			
				264	40	304	252	39	291	238	39	277	
				EA3HRE			K8AC			OD5ZZ			
				263	40	303	251	40	291	238	39	277	
				K8YC			K0TT			VU2WJ			
				263	40	303	250	40	290	237	40	277	
				SQ9HZM			OE1SGU			PY2BEK			
				263	39	302	253	37	290	238	39	277	
				N7QT			F8ATM			PY2TC			
				262	40	302	253	37	290	236	40	276	
				IK2TDM			WA9GON			AA1ON			
				263	39	302	251	38	289	239	37	276	
				IK5FKF			G7IRN			K6MKF			
				261	40	301	252	37	289	236	40	276	
				IU6PPX			AC4G			W1SSN			
				265	36	301	251	38	289	239	37	276	
				W9RF			YB2DX			YE9BJM			
				261	40	301	250	38	288	238	37	275	
				K9NB			K12D			KE4UW			
				264	37	301	247	40	287	235	40	275	
				NS9I			W4UCK			NY9H			
				261	40	301	247	40	287	238	37	275	
				W9JJB			PY2KP			PY4JW			
				262	39	301	247	40	287	240	35	275	
				AA9A			W1NK			WA3AFS			
				262	39	301	248	39	287	235	40	275	
				W4HY			IK1PMR			N9UA			
				260	40	300	246	40	286	236	39	275	
				PY2COY			IV3DXW			W9PDS			
				260	40	300	249	37	286	235	40	275	
				A71AE			F6DAY			W9KNI			
				259	40	299	247	39	286	235	40	275	
				SV1CNS			YB1RET			NK7Z			
				261	38	299	246	40	286	235	39	274	
				K5IB			KL7TC			W2BJN			
				259	40	299	246	40	286	235	39	274	
				VK3EW			LX1ER			K6FW			
				260	38	298	246	39	285	234	39	273	
				VK3MB			WB6JJJ			A92EE			
				258	40	298	245	40	285	234	38	272	
				K7PI			W7DO			W4OX			
				259	39	298	247	38	285	232	40	272	
				NW7M			PY4EK			PY2CX			
				258	40	298	245	40	285	232	40	272	
				WD9DZV			NV9L			WX6V			
				261	37	298	244	40	284	232	40	272	
				K4RUM			VU2IBI			KX4R			
				259	39	298	246	38	284	233	39	272	
				N1EN			K2SD			AD7Z			
				258	40	298	243	40	283	232	39	271	
				5P1KZX			W9MR			N9EP			
				257	40	297	244	39	283	231	40	271	
				IT9RYJ			PY2CT			PY2GZ			
				258	39	297	244	39	283	231	40	271	
				WA1S			SP7IIT			N2ZX			
				257	40	297	243	39	282	231	39	270	
				YE9CDL			LU8EKC			VE2BR			
				257	40	297	245	37	282	229	40	269	
				KZ2I									
				257	40	297							
GM0OPS				271	40	311							
WA9PIE				272	39	311							

ALL SCORES (CONT'D)

				N9OK	103	30	133	PT7PT	82	22	104	PU2NEZ	40	19	59
				PV8DX	106	27	133	PY4HI	78	24	102	PU2YEK	40	16	56
YB2TTM	124	32	156	PS0F	103	29	132	CX2TQ	80	22	102	CB7C	38	15	53
PY6RT	127	29	156	PY5FB	101	31	132	YB2TS	80	22	102	PY1RI	36	17	53
PY2NL	123	33	156	PW7T	102	29	131	PP5BB	75	26	101	K4ODL	35	17	52
TA4A	125	30	155	PY2POA	99	32	131	KJ5CDJ	76	25	101	PY1DX	36	14	50
PY6FP	122	32	154	W6UB	97	34	131	K9UQN	75	25	100	ZX7O	39	11	50
K7WTG	118	36	154	CB32T	99	32	131	YC5AKH	73	27	100	PY2KME	31	17	48
W4AG	124	29	153	CB6CPC	99	31	130	KK7GO	74	25	99	PR2V	33	14	47
N7PHY	116	36	152	PR7XB	102	28	130	PU2MBY	74	25	99	W6LP	28	17	45
W6RKC	118	34	152	IQ0PG	98	30	128	PY4BZ	75	23	98	PU2XMP	30	14	44
AC7S	117	34	151	K4EAK	98	30	128	PP2CC	71	26	97	IK0EFR	35	8	43
WA2GOT	122	29	151	PU2NUP	99	29	128	CB3UP	67	27	94	PY4BQS	32	11	43
WC4X	118	33	151	W2XL	99	29	128	PY1KG	74	20	94	PY5JR	25	15	40
LY5W	111	39	150	W4GEH	96	32	128	YM2KD	66	27	93	LW4EF	26	12	38
I10WRTC	120	29	149	IU0RAZ	106	22	128	W8AV	67	24	91	PU1JAH	22	13	35
I10PEG	115	34	149	PX8AMA	101	26	127	PR7AB	72	19	91	YC7JOQ	20	15	35
YB8DUL	117	31	148	DF5BX	101	25	126	XQ7UP/3	62	27	89	PY1NX	24	6	30
PY1FI	115	32	147	K9APD	95	30	125	PP5EI	66	23	89	YC2FCL	16	11	27
KU4NY	118	29	147	YB0AJM	92	33	125	K6SEA	64	25	89	PY2GMI	13	12	25
PU1VMA	117	30	147	PY2BN	99	26	125	PU2WYP	66	23	89	K5JR	17	7	24
AB4IQ	110	37	147	PU2VJI	95	28	123	PY6GOE	67	20	87	W4BTK	15	9	24
YC2YWB	115	32	147	HK0/PY0RP	92	30	122	PY6FX	67	20	87	PY2MCS	15	7	22
YJ0A	108	37	145	PY4ME	100	22	122	ZX7E	67	19	86	PP5CF	11	11	22
CE6CGX	116	29	145	TA1API	95	26	121	K6SZQ	57	29	86	KC1RNN	16	5	21
KH0W	110	35	145	WK2H	93	27	120	VU2MUD	62	23	85	PY2LHA	16	0	16
OM0AFM	114	31	145	KK7EXT	85	35	120	PY2VOA	63	22	85	K5RHD	6	6	12
IW2CAM	118	26	144	AD5LU	89	30	119	PR6T	65	19	84	YD2NCN	6	5	11
N6RK	107	37	144	PY1LU	93	26	119	PP5BT	60	22	82	CE3PCG	4	6	10
N6JV	113	31	144	W6IZT	86	33	119	PV2D	64	17	81	YG2AVP	6	4	10
PT2AW	113	30	143	K7ZV	91	28	119	TA3J	65	16	81	PY2MMZ	5	4	9
PY7DJ	115	28	143	PP2DX	91	27	118	CX4RL	59	22	81	PY5JY	5	3	8
K7CIE	107	36	143	YC0BBJ	90	28	118	PY2RH	56	23	79	PY2TSM	4	4	8
YB1RKT	108	34	142	K7PAX	86	32	118	JO7KMB	55	23	78	YC2SMO	4	2	6
PY2AYH	112	30	142	N6GEO	92	26	118	PY5XH	57	20	77	ZZ2POA	2	2	4
K2PO	107	35	142	PY4RP	93	25	118	PP5AI	56	20	76				
PY2MIG	107	35	142	K6DW	90	28	118	PY2TNS	51	24	75				
S5/TA7YLY	111	30	141	CT7ANO	89	28	117	LY2FN	47	28	75				
ND1M	110	31	141	PY5MM	87	30	117	YB1VHC	35	39	74				
W3UR	109	32	141	N4FN	89	28	117	LW3DBW	51	21	72				
K7RAT	107	33	140	N1DG	95	21	116	PX2G	49	23	72				
PY0FR	106	34	140	LY5M	77	38	115	PY2SNX	47	24	71				
LX1FP	108	31	139	CB6I	83	30	113	PY2OAL	49	21	70				
K5EM/7	105	34	139	NZ2Z	81	32	113	ZY6G	52	16	68				
UT7AXA	107	32	139	PY2MIA	84	28	112	N5FL	46	20	66				
CX5UA	106	33	139	PX5M	85	27	112	PY1SNX	44	22	66				
YC0EYA	105	34	139	PR4E	82	29	111	PY3CB	45	21	66				
PR8KW	106	32	138	N4IS	85	25	110	PY1DK	45	18	63				
YC0HSC	105	33	138	IR1WRTC	86	21	107	W7SMW	45	18	63				
TG9ADQ	106	30	136	PU5DIG	75	31	106	VK3SK	41	21	62				
LY2MM	100	36	136	YB2CTE	80	26	106	NR6Q	42	19	61				
PD0GTO	106	29	135	NN4K	80	25	105	PX4M	46	14	60				
PU1SKO	108	26	134	ZZ5WCB	81	23	104								
LU9CSM	101	33	134												

Limited Class

Callsign	Countries	Zones	Score
SV2AEL	284	40	324
K2JL	282	40	322
IK2RPE	275	40	315
AF7NX	270	39	309
PU2UAF	267	40	307
OZ2PBS	268	38	306
TA1CM	267	39	306
IK0PEA	263	39	302
PC3T	261	39	300
F8CRS	258	40	298
K9GA	258	39	297
W9KM	258	38	296
PY2GM	255	40	295
LU2NI	254	40	294

ALL SCORES (CONT'D)				Formula Class - 100 Watt											
Call	QSO	PTS	OP	Callsign	Countries	Zones	Score	Call	QSO	PTS	OP	Call	QSO	PTS	OP
				LU1WCL	51	15	66	LY2PAD	233	37	270	YD9ATK	207	36	243
PY1AN	98	32	130	IQ0PG/P	54	10	64	IU0PVM	234	36	270	AC7P	204	38	242
PU9DCB	101	29	130	PY4AR	46	17	63	SV8OVH	228	39	267	AA8KY	205	37	242
PP5TI	101	28	129	CB2R	46	17	63	WB4RA	230	37	267	YB6EN	203	38	241
YF9EBT	104	25	129	PY2RIO	41	22	63	YC7ONI	227	38	265	N1KX	203	38	241
PY1PDF	101	25	126	ZW2F	39	22	61	YC1XEL	225	39	264	YB2NCD	202	39	241
CE2GT	96	29	125	PV7M	42	15	57	PY2SGL	225	39	264	4X1ST	204	36	240
PY1KB	96	29	125	ZV7W	53	2	55	KE5HDE	224	40	264	IW0RLC	202	38	240
CE2PM	95	29	124	PY2MDF	37	17	54	SV2SIF	226	38	264	YC1JEL	208	32	240
PR3K	95	28	123	PT2JAR	38	15	53	PY5CV	229	35	264	PA2TA	201	39	240
PU2TES	96	26	122	PY1XW	37	12	49	OE1TOA	225	39	264	W4UWC	208	32	240
YV4AW	96	24	120	YB1CLE	30	17	47	PY2YJ	226	37	263	SQ9S	200	39	239
YD2HIS	94	26	120	YC6BTI	31	13	44	YB1RDH	225	38	263	KU9Z	200	39	239
CE6BMF	90	28	118	PY2PZL	28	14	42	LY5GT	226	37	263	CX3VB	203	35	238
PY3NT	89	28	117	PY4OR	19	10	29	3C3CA	225	37	262	VE3TG	199	38	237
CE1RT	93	24	117	YD6ROA	15	13	28	KD2CDV	222	40	262	YV1SW	199	38	237
PX1M	90	27	117	ZZ5PR	15	10	25	W9KVR	225	37	262	SP2WA	197	40	237
CE4UYP	89	27	116	PT7APM	12	11	23	DL2RPN	224	38	262	N5JEY	197	40	237
PW8DF	87	28	115	PY5FNB	16	5	21	PP5XA	221	40	261	DO6SR	198	38	236
YE3FZR	82	32	114	PT2ASR	11	9	20	WE8L	224	36	260	N9MT	196	38	234
PU5SFN	88	25	113	PP5IP	8	7	15	EI3CTB	220	38	258	YC1JJS	195	39	234
ZV5M	84	28	112	YC7AAE	6	6	12	I4KYO	223	35	258	YC9RRR	197	37	234
CE4WVC	77	31	108	PY2YYZ	6	5	11	YC2CZF	220	37	257	KF9LI	195	38	233
PP5KC	83	24	107	N4VGE	3	5	8	YC1EOM	217	40	257	YB2HML	196	37	233
PU2LOD	85	21	106					KC4JNW	217	40	257	VE9VIC	194	36	230
K7VAP	74	32	106					YC5NBY	217	39	256	PU7RML	192	38	230
PU2GTA	82	23	105					YB9LCM	219	37	256	YB3CUG	191	38	229
YF2ANV	74	29	103					PY2RPL	217	38	255	XE1CC	191	38	229
PU2ONX	76	26	102					YB1IQE	215	39	254	IK5AEQ	193	36	229
PY1MK	78	24	102					CO2AJ	214	40	254	YC9RRB	192	37	229
PU2TAW	76	25	101					N2WLG	214	40	254	YD2PZZ	189	39	228
PY9BR	78	21	99					YC0AIB	215	38	253	AK1P	189	39	228
YF4IDW	70	26	96					IU0DHV	220	33	253	YV1GIY	191	37	228
PY4MAB	72	23	95					NG4DX	213	39	252	IV3BHD	190	38	228
LU1EHX	71	24	95					K4AAX	213	39	252	PU5JVA	197	31	228
PU1NIO	70	25	95					K1NZ	212	39	251	NK4O	193	34	227
I19PAB	77	17	94					K0XM	214	37	251	4F3BZ	189	38	227
PP5BJF	65	29	94					KQ4EKW	211	40	251	PY1CD	192	35	227
CA2PJP	65	28	93					NY7H	210	40	250	PY2SRB	190	36	226
ZV1T	69	22	91					CT7AQS	211	39	250	YG9DFZ	188	37	225
CE1WY	67	22	89					CO2AV	243	40	283	YD1DRH	212	38	250
PU2OXU	56	27	83					CO8MCL	243	40	283	YD1TRJ	215	34	249
PY2EDY	63	19	82					SP3WKW	242	39	281	YC4SIZ	209	39	248
CA4FJX	60	22	82					HA7LJ	242	39	281	YC2COM	210	38	248
YC2OBF	58	23	81					DL7PIA	240	40	280	IN3FHE	209	39	248
PY4WWW	60	20	80					PY2DPM	243	37	280	IV3BLQ	208	39	247
ZV8H	61	18	79					YF7UFT	239	39	278	YB9UA	207	40	247
PQ8VA	56	19	75					YB8XOB	234	40	274	KM4VI	209	38	247
PV2E	53	22	75					YC2FAJ	235	38	273	EA4FME	209	38	247
PU5RSL	56	19	75					YV5OIE	232	40	272	VA3IDD	207	39	246
I10YOTA	58	16	74					YE1AR	231	40	271	EA4BAS	209	37	246
PT9BM	42	26	68					YB3BBF	232	39	271	YC2DZG	206	38	244
YB6HSK	46	21	67									R1AV	204	40	244
												TF3JB	183	38	221

ALL SCORES (CONT'D)				2023-2024 Season Performance Summary											
Player	Points	Rebounds	Assists	Player	Points	Rebounds	Assists	Player	Points	Rebounds	Assists	Player	Points	Rebounds	Assists
				N7JI	106	33	139	YD2AXD	77	28	105	CE6TTL7	57	20	77
K5EM	117	36	153	KA9JAC	108	30	138	PY2TDB	83	22	105	YD8CSJ	51	26	77
IK0SME	119	34	153	W4HZD	109	28	137	LY3TW	86	19	105	PU1SJL	56	21	77
YC2AXY	121	32	153	PY5VE	104	31	135	PU2SEX	78	26	104	YD0BRL	50	25	75
YB1KQV	118	35	153	TA5O	107	28	135	W4ANO	80	24	104	PW5B	61	13	74
VK3HAG	118	35	153	YF2AIV	103	31	134	VK2EY	75	28	103	YC1BMI	49	25	74
YC0RXA	125	27	152	K8CMO	99	35	134	N7MWL	73	30	103	CO8WN	54	20	74
AA4SC	124	28	152	PY5YM	108	26	134	YD4GMC	74	29	103	Z38EE	58	14	72
AD8CM	123	29	152	YE2BDN	102	30	132	OX0J	76	26	102	YC1FOV	47	25	72
MM0INH	122	30	152	PY2RX	107	25	132	YD2ECH	72	29	101	PU1WZY	54	18	72
PJ7AA	117	34	151	PX8B	96	35	131	N4DLT	80	21	101	W9AS	50	21	71
K3THS	124	27	151	YC4AGG	100	31	131	YG1BKV	73	28	101	YD8ACD	46	24	70
YC5NCO	118	33	151	YB7URE	101	29	130	YE3CZW	71	30	101	YD8ACD28	46	24	70
SP8RO	125	26	151	KI6BTY	103	26	129	PY1SAD	75	25	100	CX2UI	46	23	69
DH9DX	119	32	151	AI3KS	100	27	127	TA0ACL	81	19	100	PP5IN	46	23	69
WB9G	118	33	151	YB2IBO	94	32	126	PR5Y	77	22	99	YV5AJI	48	20	68
YB1LCD	117	33	150	EA8TR	95	30	125	CT1END	78	21	99	TA7YLY	56	12	68
N4AER	124	26	150	YF3APY	95	30	125	PT7BL	76	23	99	YB0NDB	44	24	68
CX2RA	116	33	149	PX8Z	93	31	124	KN4TCF	69	29	98	5H3TSA	50	17	67
YD1LCT	114	35	149	PP5KJ	97	27	124	CT1AHU	78	19	97	TA3P	56	10	66
YD1LCT	114	35	149	TA5AAX	98	25	123	PY1NS	74	23	97	PY1KW	50	15	65
YC8ABD	115	33	148	YC1CBY	89	33	122	YD2UUG	70	26	96	YD8NEH	41	22	63
YD4FDC	114	34	148	DV1IIW	95	27	122	N7IY	66	29	95	AI5ZK	45	18	63
IK2HNG	113	34	147	W7TMT	95	27	122	PY4HA	71	23	94	LX/ON9TT	51	11	62
E74YM	116	31	147	YC1EBM	91	30	121	IF9/IK5AEQ	70	23	93	PY1OX	44	18	62
YV5RAB	117	30	147	PU2ORS	91	30	121	WB7AZK	65	28	93	TA1SA	51	10	61
PY5YAM	114	33	147	YC1LZD	89	31	120	YC5LCZ	68	25	93	PU4OSB	42	19	61
PU9FSO	118	29	147	YF1AWS	88	31	119	IQ2GM	68	24	92	YC4LOY	39	20	59
YV5RVM	114	33	147	PY1ME	91	28	119	CT7ASQ	72	19	91	PU20XB	39	20	59
YB2CNF	113	34	147	YB1BBT	86	32	118	PY4BAL	68	22	90	AI5LR	40	19	59
YG2AMA	113	33	146	PG1R	92	26	118	TA1FM	67	22	89	IU0SAQ	44	15	59
PY2EQ	119	27	146	YD1DYI	86	32	118	YC7UAH	61	27	88	PY1TB	42	17	59
DL5SFC	115	31	146	SV7RIB	87	30	117	TA3EP	72	16	88	PU1LEO	44	15	59
KE4QCM	114	32	146	WA5RR	90	27	117	PU5ACV	67	21	88	YD2KFP	36	21	57
YB2BAJ	114	31	145	YD2IJO	86	30	116	PY1WG	65	21	86	WB3CFN	43	14	57
YC00XG	110	35	145	KR4EE	86	30	116	YB8SCP	58	27	85	CE6TTL	41	15	56
KM4FO	116	29	145	PG1R	92	26	118	ZZ1M	61	24	85	YC0AWI	34	21	55
PY2SFA	112	33	145	YD1DYI	86	32	118	PU7HLT	62	22	84	YB7UQU	32	21	53
KG5HTH	111	34	145	SV7RRL	83	31	114	YC6HLG	56	28	84	PT2YW	35	18	53
YG1BJM	113	31	144	YB2TDP	81	32	113	PP5WX	59	23	82	ZZ1LL	39	14	53
YC2IOF	112	32	144	K9CS	85	26	111	PY5GAV	61	20	81	YB3ETY	36	13	49
PU1MIL	114	30	144	YC8MUZ	79	31	110	YD8CPZ	59	21	80	PR7KSA	34	15	49
PU2MIW	114	30	144	YE9CZY	82	28	110	PY1CMT	61	19	80	PY1IP	31	15	46
K9KJ	111	32	143	PU4MAM	87	23	110	PU1KVD	59	21	80	YC7UBK	24	21	45
TA2E	114	29	143	YB8EGI	80	30	110	W4DTO	57	23	80	YG3BKF	27	18	45
KE9V	112	30	142	YF3AQV	79	30	109	KN6OKY	58	22	80	CE4MBN	29	16	45
IN3IZO	125	17	142	KN4APC	79	29	108	YB4ECU	56	23	79	PY1XH	33	11	44
IU0PJS	116	25	141	PU1TFT	83	24	107	KK7JYU	56	22	78	PU1SSH	32	11	43
PX8D	106	34	140	PY3YD	80	27	107								
2M0VEY	112	28	140	YB8SB	76	30	106								
PY5II	111	29	140	IU5ICR	88	17	105								
VU3OQR	110	30	140												
HK0/PY8WW	107	32	139									CB7A	29	14	43

ALL SCORES (CONT'D)

Formula Class - 5 Watt

				Callsign	Countries	Zones	Score
YC7AGF	26	16	42				
PY2VE	23	17	40	WG5G	273	40	313
PU1JUL	28	10	38	PU2RTO	253	40	293
ZY2MAM	25	12	37	IZ3NVR	251	40	291
PY2MAM	25	12	37	NN4Q/QRP	240	39	279
PP7CJ	23	14	37	K8ZT	236	40	276
YD4ANB	23	14	37	W8QZA	203	38	241
KM4HQL	23	13	36	YV6BXN	197	40	237
ZW1A	26	10	36	PY2MLO	197	38	235
TA1HZ	21	12	33	ND0C	194	38	232
PY4NF	20	13	33	AJ6X	174	38	212
YC0EXO	19	12	31	W4ER	170	34	204
LU1WCL/ XA	19	11	30	KW9E	166	36	202
K5KCF	16	13	29	N4FUR	165	31	196
KI4KXO	15	14	29	G4BUE-QRP	154	38	192
TI/PY2TTN	17	11	28	N5ER	141	32	173
ZZ5V	18	10	28	4Z4UO	136	30	166
YG1AEX	16	12	28	PY2PLL	126	33	159
YD3CQX	15	11	26	NH6O	119	36	155
PY2ARA	13	13	26	SP4NKJ	112	32	144
9H3TTN	18	7	25	K6ZP	111	31	142
KF5ZBL	13	12	25	N9SM	99	26	125
ZW1KDT	15	9	24	KE0WPA	93	26	119
ZW1WZZ	13	9	22	PU5IKE	87	27	114
PP2PB	14	8	22	PY5EF	78	28	106
PU5MBF	13	9	22	HK4KM	74	24	98
PP5ARF	12	7	19	PU7OBR	54	18	72
PU1JDU	13	5	18	IT9FTP	54	18	72
YC1AWT	10	8	18	WB2FTQ	54	16	70
PY1EDB	9	7	16	S21PL	41	20	61
ZW1F	8	7	15	YG2AKO	37	20	57
YH8AO	7	5	12	YC7AFB	36	18	54
PY3TAM	7	5	12	PU5ALE	38	15	53
PU5WWS	4	4	8	PU7IOS	32	11	43
PP5ZV	4	4	8	PY1KJA	17	9	26
YG4SAP	5	3	8	PQ2HX	16	8	24
ZZ1KDT	4	3	7	ON1QRP	15	4	19
PU3TLG	3	3	6	PU3ABA	2	2	4
PU1RTR	3	2	5	YC1MCD	1	1	2
KD2SPJ	2	3	5				
PY2MOE	3	2	5				
TA1DAM	2	2	4				
TA1ATP	2	2	4				
YD1GLT	2	2	4				
PY4IM	1	1	2				

CLUB SCORES

YB-Land DXing Passion Is	50208	Lake Area Amateur Radio Klub	584	RADIO CLUB DEL HENARES	247	TRAC TEKIRDAG	97
Rio DX Group	21358	Lone Star DX Association	579	FRC	246	Belitong DX Club	96
Southeastern DX Club	13438	Chiltern DX Club	542	Niagara Frontier Radio Sport	244	DUZCE AMATEUR RADIO	93
Northern Illinois DX Association – NIDX	12371	Central Arizona DX Association	522	RDRC	244	GUARA DX GROUP	91
CDR Group	11661	CMDXGroup	518	Woodbridge Wireless	244	IARC- ISRAEL AMATEUR	77
Western Washington DX Club	11237	Redwood Empire DX Association	479	Svyturys	238	YH0AD	55
Araucaria DX Group	10319	Remote Ham Radio Youth	445	SWODXA	238	west Borneo DX Community	42
Italian Contest Club	9948	Mississippi Valley DX & Contest Club	430	Contest Club Ontario	237	OMIK Amateur Radio Association	5
Willamette Valley DX Club	9302	5NNDXCC	421	Dallas Amateur Radio Club	233		
Carolina DX Association	6123	Northeast Wisconsin DX Assn	413	Northern Arizona DX Association	233		
Mother Lode DX/Contest Club	4915	BAHIA DX GROUP	410	Central Ohio Operators Klub	231		
Yankee Clipper Contest Club – YCCC	3626	CWSP	403	Versilia Contest Club	229		
NERG	3478	RADIO CLUB VALENCIA	388	DX3H Ham Society of the Philip-	227		
Interest Group RTTY	3408	599 DX GROUP	370	South African Radio League	227		
East Tennessee DX Association	3258	TCSWAT	362	Veron	224		
Hudson Valley Contesters and Dxers – HVCDX	2951	Kentucky Contest Group	356	Wi	215		
Falcons DX Group	2921	Minnesota Wireless Assn	351	SILVER COMET AMATEUR RADIO	211		
UBRO DX Team	2562	Iroquois County Amateur	338	Dragon Amateur Radio Club	210		
ASSOCIACAO DOS RADIOAMADORES DO PARANA	2446	REP	317	ARRETADO DX	208		
Chilean Pacific DX Group	2349	GPDX GRUPO PORTUGUES	316	Alabama Contest Group	204		
CabreuvaDx	2346	Yokohama DX Club	314	SEDXC	204		
DX101 CONTEST CLUB	2345	Juncal Dx	312	ALAGOAS DX GROUP	203		
FT8 DX CLUB BRAZIL	2278	GMDX	311	Bristol TN/VA ARC	198		
CNYDXA	1920	LADYG	310	FOC	192		
VU Contest Group	1819	CWOP's	309	United Nations HQ Amateur	190		
Radio Club Venezolano	1706	STAR - Algarve S.T.A.R DX	307	SKCC	189		
Vytautas Magnus University Radio Club	1701	Mile High DX Association	300	Monroe County Radio Communi-	186		
Society of Midwest Contesters	1665	Bali DX Club	297	MACAE CW DX GROUP	185		
FLORIDA CONTEST GROUP	1524	YO DX CLUB	293	Greek Telegraphy Club	184		
Potomac Valley Radio Club	1414	710 CONTEST GROUP	290	MDXC	184		
CLIPPERTON DX CLUB	1219	TEAMPAPA	290	Charlotte Amateur Radio Society	183		
CE Contest Group	1208	NEWDXA	289	Big Sky Contesters	181		
Black River Radio Ops	1155	North Alabama DX Club	289	miramar dx group	181		
LU CG	1025	EA CONTEST CLUB	287	Tennessee Contest Group	179		
BAVARIAN CONTEST CLUB	991	Arctic Amateur Radio Club	286	sunday creek amateur radio federation	177		
SOUTHERN CALIFORNIA CONTEST CLUB	978	IQ1AO	286	URE	177		
Southern California DX Club	956	Radio Club Los Molinos de Villa Alemana	282	ADXA	173		
7A DX-Contest Club	918	Northern Ohio DX Association	281	IARC	166		
Spokane DX Association	865	Regionalis Radios Sportklub Puspokladany	281	Eastern New Mexico ARC	155		
Grand Mesa Contesters of Colorado	863	Bellbrook ARC	279	Northern California Contest Club	155		
Arabian Gulf DX Group	829	Port Elizabeth Amateur Radio	278	Snohomish County Hams Club	155		
Danish DX Group	812	North Coast Contester	276	WWDXC	154		
SP DX Club	795	Sharks DX Team	272	Saipan CW Club	145		
DEEP BLUE DX TEAM	790	JUST FOR FUN CONTEST	262	HDXCC	142		
Santiago de Cuba Contest Team	753	GRUPO DXXE	260	GG52 FLORIPA DX	134		
Twin Cities DX Association	749	ARI Italy	258	DOUBLE T TEAM	125		
ABRA	733	TRUJILLO ALTO CONTEST	256	SCAN INTERNATIONAL	122		
Northern California DX Club	673	CONTEST CLUB BELGIUM	251	YH0AC - ORARI Lokal Jakarta Selatan	118		
Southwest Ohio DX Association	636	Kansas City DX Club	251	SP5POT	114		
ARAF	631	UNIVERSITY OF TOKYO CON-	250	TRAC	100		
Metro DX Club	614	Forsyth Amateur Radio Club	248	Rede dos Emissores Portu-	99		