

Certificate photo for top score in each category of entry:  
Tulip festival in Fraser Valley (near Agassiz, BC)

# British Columbia QSO Party 2021



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## Sponsor Information

**Orca DX and Contest Club**  
**Callsign:** VA7ODX  
**QSL Manager/Mailing Address:**  
VA7BEC  
371 56 Street,  
Delta, BC V4L 1Z4 CANADA  
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## Behind the Scenes

By Rebecca VA7BEC, Contest Coordinator BCQP

### Contesting in with-COVID era

There is light at the end of the proverbial tunnel—the COVID-19 tunnel, that is—brighter in some places than in others but nonetheless an indicator that we will all get back to some semblance of normal soon. For ordinary folks, the pandemic will be remembered for inconveniences, for lockdowns and curfews and travel restrictions, and for limited access to friends and family. For anyone who was personally affected by COVID-19, the pandemic might be remembered as an uncomfortable time possibly tinged with sadness, too. My condolences to anyone who lost a loved one during this time, whether COVID-related or not. It was a difficult time to grieve.

The downsides of the pandemic get more attention, and not to trivialize the enormous consequences of the pandemic on just about everything that makes the world turn, but there were some upsides, too. Many people have had more time at home, and they've crossed off multiple items on the to-do list that had been left untouched for years and years. People with a hobby—maybe even a dormant hobby—finally had time to enjoy that hobby more fully.

Case in point—radio. And to be more precise, contesting. True, the usual weekend DXpeditions to islands in the Caribbean for the big contests didn't happen due to border closures and restrictions on international travel. But many of those weekend DXpeditioners were on the air from their home stations, so participation levels were still good, but DX content was down.

Another noticeable trend in 2020 and at least until April 2021 and maybe through May as well was a tremendous increase in QSO party activity.

Part of the reason is surely because more people were stuck at home, and whether the event was a casual QSO party or a cutthroat international marathon contest, it was an enjoyable way to spend the afternoon or longer. ☺

The question then is, will QSO parties continue to draw large crowds, or will activity backtrack to pre-COVID levels once stay-at-home/stay-close-to-home recommendations are fully lifted? Will



QSO party time be usurped by a honey-do list or family get-togethers? I'm thinking, hoping, that the newfound (refund?) fun of QSO parties sustains interest going forward.

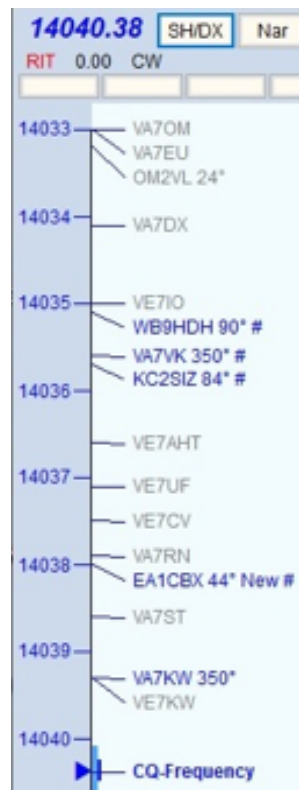
### BCQP 2021 participation WAY up

QSO party participation was also fueled by the State QSO Party Challenge, which includes the two parties in Canada—BCQP and the Ontario QSO Party.

There were a lot—a LOT—of operators, primarily in the United States, who were keen to begin the year-long competition with as many Qs as possible across the first three parties—BCQP, MNQP and VTQP. Having three parties on the same weekend helped keep operators engaged even when activity waned in the contest of focus, so the bands were buzzing, particularly on Saturday.

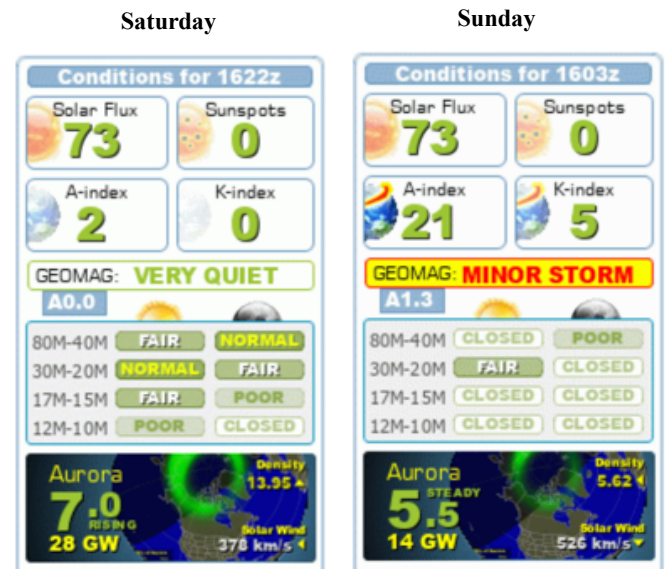
There was great depth to participation in BCQP 2021, with a few new BC callsigns in the mix and more operators spending hours upon hours calling “CQ BCQP” on both Saturday and Sunday. The results by BC stations reflect perseverance amid challenging CONDX. Operators who stayed the course had FUN! and kept the BCQP profile high.

Several times, I looked at the cluster, mostly to make sure that VA7ODX had not been busted. If it was listed as VE7 or DOX, I would have moved. I often saw several other BC stations above and below. Great stuff! Makes S&P a lot easier and more fun for everyone near and far. The CW operator saw the same. A terrific development.



### CONDX

Rotten. Challenging. Discouraging. And yet, for operators who put in the time, the pileups were pretty constant.



CONDX on Saturday was better than on Sunday, and QSO counts reflect this. Based on the content in all logs received, the total number of QSOs reached 17,347, with 12,029 or 69.3%, on Saturday and 5,318 or 30.7% on Sunday. The Sunday segment is four hours shorter than the Saturday segment, but the difference between Saturday and Saturday is quite large regardless.

### At the sponsor station

From my perspective at sponsor station VA7ODX, 10m was essentially a blank, 15m had moments—so, of course, it was a matter of good timing to move to 15m at those moments—and 20m was the workhorse band. But for that reason, maybe, 20m was very crowded. I had a hard time finding a place to run on PH, and running is what the sponsor station must do. 40m, 80m and 160m were, naturally, most productive in the evening. For CW, Saturday evening activity was hindered by NA Sprint. But happily, this year's Sprint shifted to a 0300z start and ended an hour earlier, which gave BCQP participants an hour clear of Sprint mayhem to log some Qs on the low bands.



## 2021 highlights

The number-crunching section, beginning on page 10, goes into considerable detail, but let me provide a few notable highlights that underscore the depth of participation in 2021.

- Number of logs received hit 363, up 131 or 55.8%, from 233 in 2020.
- Enormous increase in number of logs received from outside BC, up 110 or 54.1%, and an impressive improvement in the number of BC logs received, up 19, or 67.9%, to 47.
- Much higher number of BC stations on the air—up 54, to 135.
- Big rise in number of BC operators involved—up 48, to 144.
- More districts activated—35 of 42, for a coverage ratio of 83%.
- CW again the popular mode by far.

## Interesting development, comes with caveat

On numerous occasions, as I was looking for a running frequency, I came across U.S. and Canadian stations outside BC calling “BCQP. Looking for BC stations.” A nice strategy. It does have a downside though—the outside-BC station often gets responses from other stations outside BC, which aren’t worth points—but it absolutely has an upside as well. BC operators who only do S&P will throw out a callsign.

Often, these S&P-type BC operators aren’t fully committed to BCQP. A few are, of course, but many aren’t. They hadn’t planned to participate in BCQP or weren’t aware of the event and are likely unprepared for the required BCQP exchange. If pressed for their federal electoral district, they may not know it, get it confused with the provincial riding or (gasp!) give out an incorrect district name.

Since BCQP’s growing popularity may lead to more non-BC stations calling CQ, let me offer some suggestions on what to do.

Ideally—and repeat BCQP participants already know this—during the QSO, the CQing operator can guide the BC operator through the elections.ca website to find/confirm the federal electoral district and then check the BCQP multiplier list to get the three-letter abbreviation for BCQP purposes. Or, the CQing operator can do the search if the other operator provides a postal code. Confirming the district DURING the QSO ensures that the CQing station gets the correct exchange AND it ensures that the BC station will be giving out the correct district on

subsequent Qs, because continued participation by an accidental participant is certainly a possibility.

Some CQing operators use QRZ post-BCQP to find an address and then plug the postal code into elections.ca to find the federal electoral district. This is problematic. For many reasons. First and foremost, it’s not really the right thing to do in contesting. Aside from fixing obvious issues, especially in the log header (name, address, category of entry, name of QSO party!!, etc.), the log is what it is, mistakes (misentered callsigns, etc.) and all, when the contest ends.

But more specific to the unknown or iffy district issue, the BC operator who didn’t know his/her district may realize several Qs later that the district given out earlier was wrong and switch to the right one. Our BCQP log-checking process will go with the correct district, and the incorrect district will relegate the QSO in the earlier CQing station’s log to busted status. It’s unfortunate and sometimes rather maddening, if the CQing operator was simply entering the info as provided. But these things happen.

Another problem arises when the callsign itself is busted, and the potential for a busted callsign rises exponentially when CONDX in rotten and/or operators are struggling with QRM, QRN and QSB and, on PH in particular, operators aren’t using phonetics. Looking up a busted callsign on QRZ will result in a busted district designation. More often than not, a busted callsign is either a unique, not showing up in any other submitted logs, or is revealed as busted because the QSO appears in a reciprocal log with the CQing station’s callsign.

There’s also always the possibility that the QRZ address is incomplete or the individual has moved or maybe s/he was operating from a location different to the QRZ-listed location. Consequently, the district remains a question mark, and will essentially invalidate the QSO.

Personally, I hate it when I’ve tried really hard to complete a QSO correctly, whether it’s for a rather rare multiplier in a contest or an ATNO for my DXCC collection... and then it turns out I’m not in the log or the other operator has busted **my** callsign. So don’t lose out on BCQP QSO points and/or mult. If you’re CQing, do the best you can to get the correct information if you encounter a BC operator who doesn’t know his/her district. Work together to figure it out BEFORE the QSO ends.

## Phonetics on PH, pse!

When CONDX is awful, when auroral creep makes over-the-pole Qs nearly impossible, when local



QRM/QRN and QSB obliterate the same “question mark” again and again, when callsigns and exchanges are truly just whispers in the wind and it’s more ESP than listening skills that put a callsign in the log... phonetics are oh-so important. This doesn’t really apply to CW but on PH... essential. B can sound like P or even G. S like F. M like N. Well, a similar issue does occur with CW. A missed “dit” or “dah” is a completely different letter, isn’t it? And when there are so many similar callsigns, phonetics boost accuracy and QSO efficiency.

Looking at BC stations in BCQP 2021, there was VA7ODX, VA7DX and VE7DX; and VA7RN and VA7RR; and VE7XFA, VE7XF and VE7UF; and VE7ES and VE7EU; and VA7VK and VA7VX; and VE7KW and VE7KX; and VA7OM and VA7MM; and VE7SAR and VE7JAR. Relying on a cluster spot or logging software database—in any contest, not just in BCQP—could lead to a busted callsign, incorrect multiplier and lost points. Some of the above-mentioned BC stations were CW-only or PH-only, but a few were mixed mode themselves or had QSOs with other stations that were mixed mode. It was obvious during the log-checking process that the similarity in callsigns caused some operators to misenter data beyond the typical “A” vs “E” in the prefix.

From outside BC, quite a number of callsigns differed only by a number or letter as well. Don’t over-rely on your logging software database and/or cluster spots.

### Rewards for perseverance

BCQP offers many incentives for getting on the air, from the camaraderie of team operation—albeit socially distanced in 2021—and the chance to polish skills or help others learn about HF operation to potential pileups and surprise DX (for BC participants able to contact anyone anywhere).

For operators seeking tangible rewards, BCQP has lovely BC scenery- or notable landmark-inspired certificates and plaques, different every year and therefore collectible. Certificates recognize top scores by stations in BC and outside BC in all categories of entry by state, province and DX entity. A certificate category recognizing top score, overall, in each BC district is maintained to spur greater participation from operators throughout BC since VE7/VA7s are quite literally the life of the party.

**Note: The only requirement for certificate and plaque eligibility is that the submitted log has at least 10 valid QSOs.**



District certificate photo (BC only)

### Results

Despite challenging CONDX, many participants in BC and outside BC turned in some very impressive results.

Many factors affect on-air presence and eventual scores. Location, such as by the water or high atop a hill or in an area with a low noise floor. Antenna setup, including direction of dipoles, ‘cause trees don’t turn. High power vs low power or QRP.

Timing, not just to catch a fleeting band opening but also to catch operators doing mixed mode who “disappear” from PH to CW and then back again.

Availability and time on the air. The degree of success in calling “CQ BCQP.” Getting spotted and having that attract sustained attention (pileup!). QTH-determined CONDX. Skip, which seriously impacts stations in areas close to the Metro Vancouver area of BC, including Vancouver Island as well as BC’s U.S. neighbors immediately to the south. Mode du jour. QRM/QRN and QSB. The list goes on because factors impacting operations are as varied as the people who get involved.

To keep the size of this post-party report manageable, the results section has been abridged. Pages 15–21 show all BC results as well as results for certificate and/or plaque recipients outside BC. **For a complete list of logs received and a detailed breakdown of scores, please go to [BC Results](#) and [Outside BC Results](#) on the BCQP website.**

### Plaques

Plaques are awarded in sponsored categories. Thanks to the support of clubs and individuals, there were 10 plaques available in 2021: Top BC (single-op), Top BC (multi-op), Top Canada outside BC, Top YL, Top



US, Most Federal Electoral Districts Contacted, Top DX, Top Mixed Mode, Top CW and Top BC Club.

Given the small number of BC stations sending in logs, certain stations tend to place highest in several plaque categories. But the rule is one plaque per station, with priority given to geographically based categories.

Team VE7IO qualified for the top BC (multi-op) plaque as well as most federal electoral districts contacted, with a score of 1,1140,434 and 32 districts, respectively. As per the Plaque Allocation Policy\*, the team will receive the geographically based plaque, which opens the district plaque to the next highest result, a tie (25) by Axel KI6RRN and Pete VE7CV. Axel also qualified for the top U.S. plaque and, in line with the above-mentioned policy, he will receive the geographically based plaque, leaving the district plaque to Pete. The district plaque will be renamed "Excellent Achievement: Districts Contacted."

Gary VA7RR, a newcomer to BCQP but not to contesting, put years of contesting expertise to fantastic use, smashing previous single-op records—and multi-op results, too—with an amazing score of 1,734,000. This was also the highest mixed mode score. Gary will receive the geographically based plaque, opening the mixed mode plaque to the next highest score, which was by VE7UF (operator: Gabor VE7JH), with a score of 1,221,872. The plaque will be renamed "Excellent Achievement: Mixed Mode.

The top CW plaque will go to Les VA7OM, with a score of 273,632. Elizabeth VE7YL retains top YL status, with a score of 10,964. Dale CE2SV returns to the top DX position with a score of 5,716, and Allen VY1KX recaptures his hold on the top Canada outside BC plaque, with a score of 4,796. Orca DXCC maintains top club status with a score of 6,694,706 based on 29 submitted logs (excludes sponsor station VA7ODX).

## BCQP 2022

BCQP 2021 was blessed with an incredible level of participation. Let's all do this again next year—Feb 5-6, 2022—and bring your friends to the party. The more, the merrier—well, actually, the more, the bigger the pileups. And THAT is absolutely more fun.

## BCQP 2022

**Saturday/Sunday: 1600z Feb 5  
- 0359z Feb 6**

**AND**

**Sunday: 1600z Feb 6 - 2359z  
Feb 6**

On PH, it's easier to be a little chatty—but not if there's a pileup. 😊  
If the rate slows, why not throw in a quick "How are you doing (name)?" or acknowledge a great signal coming clear and beautiful out of the great noise? It's a fine way to create a welcoming atmosphere.  
Case in point: As I was running VA7ODX, I heard a familiar callsign, picked him up and added "Nice to hear you (name)." He's probably an older gent and still logs with pen and paper. He sent in his log, which included a few notes in the last column. Beside the QSO with VA7ODX, he has scrawled "She remembers me!"  
Rebecca VA7BEC

### Plaque Winners in 2021

**Team VE7IO** (+VA7QD VA7NF VA7TU VE7FO VE7TI VE7WJ) captured the Top BC (multi-op) plaque, with a score of 1,140,434.

**Gary VA7RR** broke the single-op record by a long shot, with a score of 1,734,000 to capture the Top BC (single-op) plaque.

**VE7UF (OP: VE7JH)** is awarded the mixed mode plaque, with a score of 1,221,872. Note: Plaque category renamed “Excellent Achievement: Mixed Mode.”

**Les VA7OM** takes the top CW plaque, with a score of 273,632.

**Elizabeth VE7YL** kept the Top YL plaque with a CW-only score of 10,964.

**Axel KI6RRN** held on to the Top US plaque, with a score of 26,916.

**Dale CE2SV** reclaimed the Top DX plaque, with a score of 5,716.

**Allen VY1KX** returned to top Canada outside BC position, with a score of 4,976.

**Pete VE7CV** will receive the plaque for districts contacted, renamed “Excellent Achievement: Districts Contacted.”

**ORCA DXCC** maintained top club status, with an aggregate score of 6,694,706 from 29 submitted logs with Orca DXCC as the participant’s affiliated club. Note: This does not include sponsor call VA7ODX results.



Photo for sponsored plaques: Tulip festival in Agassiz, BC

#### \* Plaque Allocation Policy

Under BCQP rules, only one plaque is awarded per station.

The BCQP Contest Committee believes that in the event a station qualifies in multiple plaque categories, including top score in BC, the US or other geographical location, the priority should be placed on the top score geographically, as applicable. Special plaques are awarded to stations with the next highest scores in the applicable sponsored plaque categories, which may be top scores in specific categories of entry and will be acknowledged as such.



*Thank you to the following 2021 plaque sponsors:*

**Fleetwood Digital Products** (Top BC – Single-Op)

**Burnaby Amateur Radio Club** (Top YL)

**Orca DXCC** (Top US)

**Cowichan Valley Amateur Radio Society** (Top Canada outside BC)

**Surrey Amateur Radio Club** (Most Federal Electoral Districts Contacted)

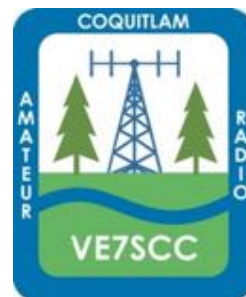
**Rebecca VA7BEC and Koji VA7KO** (Top DX)

**North Shore Amateur Radio Club** (Top Mixed Mode)

**Elizabeth VE7YL** (Top CW)

**Coquitlam Amateur Radio Emergency Services Society** (Top BC – Multi-Op)

**Delta Amateur Radio Society** (Top BC Club)



VA7BEC & VA7KO

VE7YL







## Soapbox

TU Rebecca for the fun of these events, very appreciated in these times! 73, John N6HCN

Thank you for the contact with VA7ODX! I didn't realize you were the 'secret santa' station until filling out the log. Definitely the highlight of the contest! N7PHY

Great contest again this year. I love the challenge of reaching amateurs in BC with only 5W. 73, Bernard VE9BEL

Was fun. The BC operators were all very efficient and still friendly...the best one can ask for! N8TFD

BC put on an awesome showing. Keep up the good work. Most appreciated. 73, Bud W3LL

Wish I could have heard more of the great hams of BC. The band was too long for 20m and 40m and 80m weren't too cooperative. K1LOK

Thanks. Enjoyed the contest. K4DZR

A lot more participation by the BC ops this year. Thanks! K4SBZ

Walking into the shack Saturday morning, I found the PC locked up. It took a hard shut down and a cold boot was not the way I had hoped to start the day. Next, one K3 was suddenly deaf. The antennas tested fine and the TX output was normal. Swapping out one K3 for another didn't go well either. The PC could not communicate with the replacement K3 which apparently developed an RS-232 interface failure. While able to make contacts with a newly installed 6600M, I hadn't yet interfaced it with the PC nor N1MM+. I was able to make enough contacts (two in the BCQP) to qualify each of this weekend's State QSO Party Challenge events. I hope watching the weekend's sporting event goes better! This seems like a good time to accomplish the planned shack disassembly, repair yesterday's problems, put the new desk in place, and re-install all the gear along with the new antenna and bandpass filters. K8TE

Thank you for the 2021 British Columbia QSO Party. KF3G

Wish I could have been in for more time. KD2KW

KX3 to a horizontal dipole and occasionally a vertical dipole, 5w, CW. This was more fun than the FCC and its Canadian counterpart (ISED? RAC?) should allow. Almost every BC station I could hear came back to me, some several times, to complete the exchange. Saturday afternoon I started out on 20m with the vertical dipole, which is not the best for that band usually, not realizing which antenna I was using, and almost immediately bagged four stations. I kept switching between the vertical and horizontal for the rest of the party. Vert did pretty well on 20m and 15m. Most challenging Q was with VE7YL who was in the weeds but kept with me and we got the exchange completed. Thanks! A couple of two-banders with VA7RR, VA7ST and (I think, anyway) VE7UF rounded out the weekend for me. Also this same weekend, I participated in the MN and VT QSO parties; I want everyone to know that I expressed my solidarity with my northern comrades by shoveling the walkway outside my house Sunday morning after the (very rare) snowfall we had late Saturday night. Thanks to the organizers! What a party! 72/73 de KI4MZC

Great participation this year. N4ARO

100 watts and a wire. Gave the Wyoming mult to those that I found during two hours of op time. N7MZW

BCQP as always a lot of fun! N7EPD

Another interesting weekend with 2 other QSO parties and a sprint going on at the same time. B.C. is a challenge from Portland, Oregon. Hope to be back next year. N7VS

QSB sure made life difficult, but it was still a fun contest! NW5Q





CONDX better on Saturday. An enjoyable contest!  
VA3RKM

Had some time to hand out AB. VA6RCN

Band conditions seemed to be ok on Saturday but  
were not very good on Sunday. VY1KX

Sunday was horrible CONDX. Missed 40M activity  
due to Sprint QRM. W1END

Thank you for sponsoring the QSO party. 73, Dan  
W1QK

I wish the non-QP testers would stay in their lane.  
W7DCM

BC party always fun. Thanks for having it.  
WA8KAN

Met some very nice, very good operators on the air.  
WA5SWN

At age 91, I enjoyed the QSO party again this year.  
73, Jack W4ZPR

Rig was an IC-7300 with a 50 ft vertical antenna.  
VA7EU

Again this year I had a lot of fun operating the BC  
QSO Party. I worked a few in the MN QSO Party.

Rigs used a vintage IC-751A and FT-897D. 73, Gerry  
VE7BGP

Saturday was surprisingly good but Sunday saw  
poorer conditions and a lot less people on the air. Still  
I beat my target handily thanks to the last hour  
multipliers on 40m. VE7KW

I think I put in less than 5 hours and had a great time!  
A directional antenna makes all the difference over  
other setups I've used. This is going to be one of my  
favorite contests and I'll put in far more time next  
year. Thanks for organizing it! VE7JAR

This was hard going with FOC and Sprint on  
Saturday, plus poor propagation on Sunday.  
Suggested alt frequencies on 40 and 80 during Sprint  
showed little activity, particularly with digital stuff  
on 40. Only got one hour on 80 when Sprint finished.  
Surprising how many callers were right on the edge  
of the receive passband - makes me wonder how  
many were outside.... VE7JKZ

Good times on Saturday. Sunday was pretty mellow.  
Focused on 80m to try to collect as many federal  
electoral districts as possible — 20, not bad! Station  
setup FT-891 with an 80-10m EFHW wire. VE7KPZ

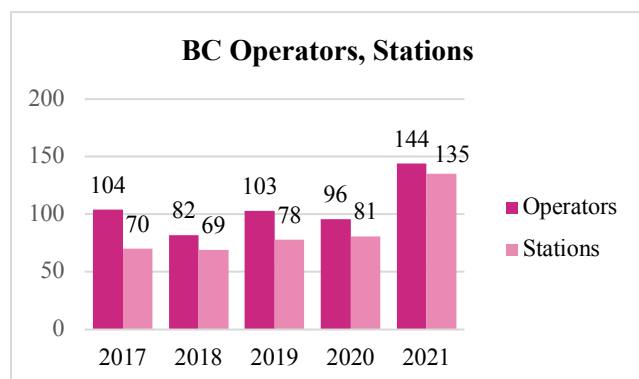


## Crunching the Numbers

Indicators of success come from many sources. Pre-event emails, for example, could be a sign that the promotion bandwagon has kindled active interest, and post-event comments—positive as well as negative—often mean that some aspect of the event was important enough from a participant’s perspective to warrant special mention. But it’s logs—and their content—that provide concrete data for analyzing results and tracking progress from year to year.

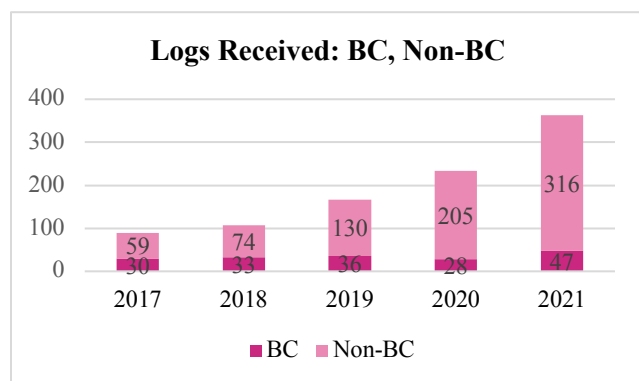
Log submission is not a requirement of participation, but the more logs received, the more accurate the analysis will be.

**An analysis of log content can reveal trends that might otherwise be missed.**



### BC Stations/Operators on the Air

Based on the content of submitted logs, the number of in-province stations on the air reached 135, up 54 from a year ago. The number of operators involved in BCQP 2021, at single-op stations or in multi-op teams, hit 144, soaring 48 year on year.



### Logs Received

The number of logs received in 2021 skyrocketed to 363, up 131. As usual, the number of logs received from outside BC comprised a significant percentage of the total—87.0%—but this was down slightly from 88.0% a year ago reflecting an increase in logs received from BC stations.

The number of logs received from BC stations tends to be low, even when it appears that a significant number of BC stations are on the air and giving out callsigns in QSOs. Therefore, the number of logs submitted by BC stations is not necessarily indicative of participation. The vast majority of operators in BC simply do not submit logs. Possible reasons include not properly logging the QSOs or feeling that a log of less than a certain number of QSOs is somehow not worth the effort of submission or falls too short of expectations to go beyond shack walls. Also,



quite a few BC operators get on the air to give their pals some points or happen to be tuning through a band, hear a CQing operator and throw out their callsign. They didn't necessarily intend to participate and probably aren't prepared to log the QSO data.

Meanwhile, operators outside BC tend to send in logs regardless of how many QSOs are made to ensure that the other station in the QSO doesn't lose points.

The BC-to-outside-BC ratio edged up, to 14.9%, from 13.7% a year ago. The number of logs from other parts of Canada increased to 25, from 17. The outside-BC list of logs includes DX participation from Australia, Chile, Germany, Italy (a first!), Japan, Mexico and Slovakia.

### Districts Activated

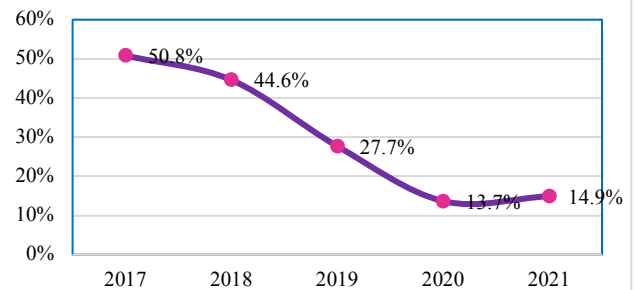
The number of activated federal electoral districts—the multipliers in BCQP since the province does not have the typical QSO party county exchange—rose by three, to 35<sup>note</sup>, and the coverage ratio moved into the 83% range, from 76% a year ago.

A look at log content shows that in-province stations and out-of-province stations found many of the same districts, but not all, which underscores the impact of location and a little bit of luck in catching the attention of accidental participants. Sometimes, accidental participants provide a lovely rare multiplier. But there is risk as well. Accidental participants are often not aware of the required exchange and may not know their federal electoral district or get it mixed up with their provincial riding. The CQing operator can help figure out the necessary information by asking for the operator's postal code, plugging it into the elections.ca website, and then finding the corresponding three-letter code in the BCQP Multiplier List. As in any contest, info should be confirmed BEFORE the QSO ends. Looking up a busted callsign on QRZ to extrapolate district later may lead to an incorrect multiplier, which will be evident in the log-checking process.

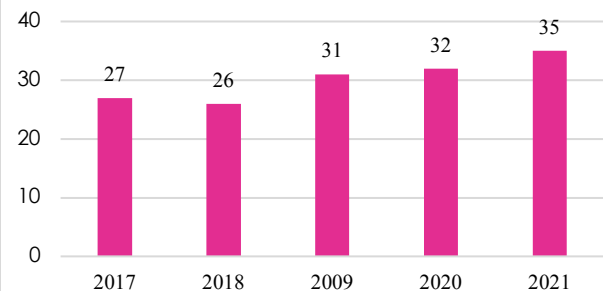
Unique callsigns are common in contest logs, either due to an unfortunate typing error or, when CONDX is bad and phonetics aren't used, the consequence of operators not being able to correctly distinguish callsign letters. The same holds true for district multipliers. A careful check of logs turned up numerous three-letter entries that do not correspond to any districts in the BCQP Multiplier List as well as busted districts.

Note: The number of activated districts excludes invalid entries.

### Ratio of BC to Non-BC Logs Received



### Districts Activated

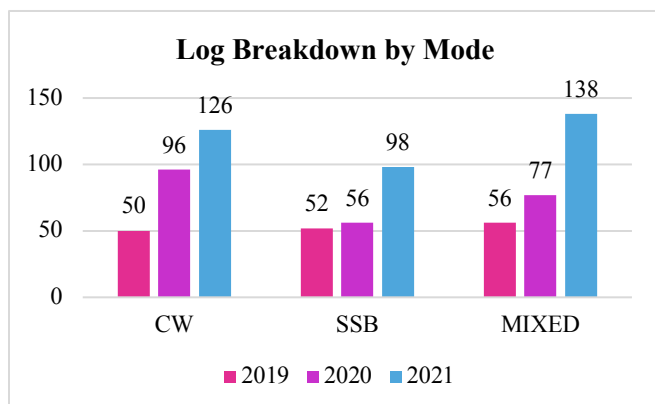


#### Coverage in 2021: 35 out of 42 (83%)

**ABF BNS BUS CHP CML COA CPC CPG  
CSN DEL ESQ KEL KOC KTC MMF NAL  
NOS NPR NWB PMC PMM PPN RIC SBV  
SGI STR SUC SUN SWR VAC VAG VAK  
VAQ VIC WVS**

#### Coverage in 2020: 32 out of 42 (76%)

**BNS BUS CML COA CPC CPG CSN DEL ESQ  
KEL KOC KTC LAA MMF NAL NOS NPR  
NVA NWB PMC PMM PPN RIC SBV SGI  
STR SUC SUN SWR VAC VAQ VIC**



Note: The digital category was eliminated, as of BCQP 2021, due to insufficient active interest.

### Breakdown of Logs by Class of Entry (Mode)

The breakdown of logs by class of entry reveals 126 CW-only logs—compared with 96 in 2020; 99 SSB logs, compared with 56 in 2020; and 138 MIXED logs, compared with 77 in 2020. The digital category was discontinued, as of BCQP 2021, due to insufficient participation on this mode.

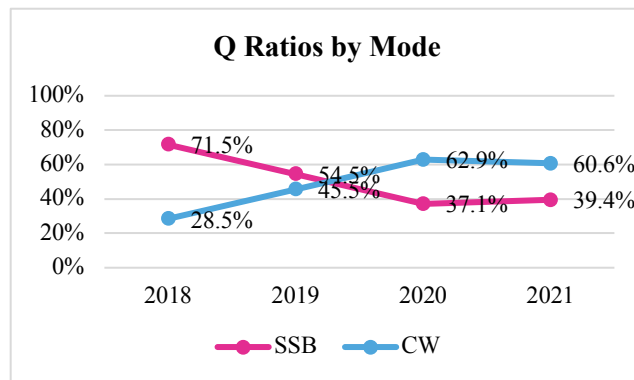
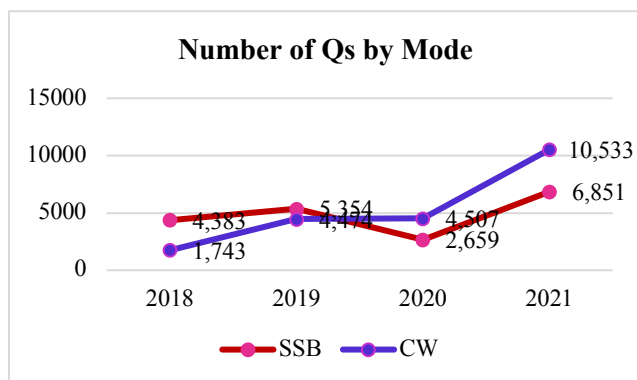
In 2021, CW and MIXED logs again greatly exceeded the number of SSB-only logs, with a particularly large increase in MIXED logs, undoubtedly because more participants have realized that activity across two modes provides a more efficient way to increase Q count, capitalize on multipliers for new band/mode QSOs and achieve a higher score.

### Q Ratios/Number of Qs by Mode

A breakdown of valid QSOs by mode, based on data in logs received, shows a massive increase in CW Qs as well as a significant increase in SSB Qs: 10,533 Qs on CW, compared with 4,507 Qs in 2020, and 6,851 Qs on SSB, compared with 2,659 Qs in 2020.

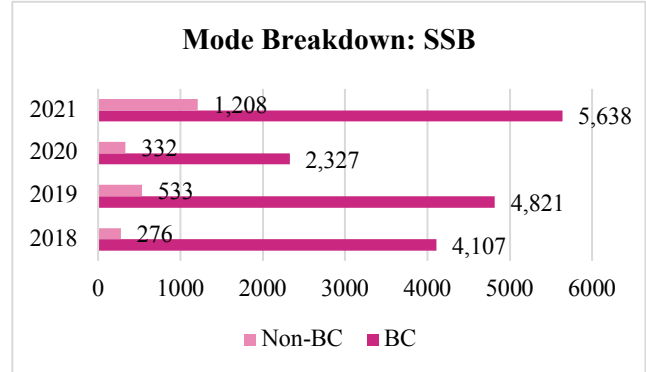
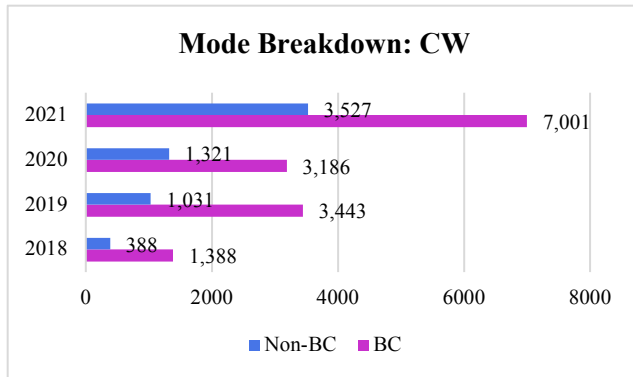
The CW ratio (number of CW QSOs as a percentage of all QSOs in all submitted logs) dipped ever so slightly year-on-year, to 60.6%, down 2.3 points.

The SSB ratio (number of SSB QSOs as a percentage of all Qs in submitted logs) turned upward by the same amount—2.3 points—to 39.4% but still significantly below the CW component.





## Breakdown by Mode (Inside and outside BC)

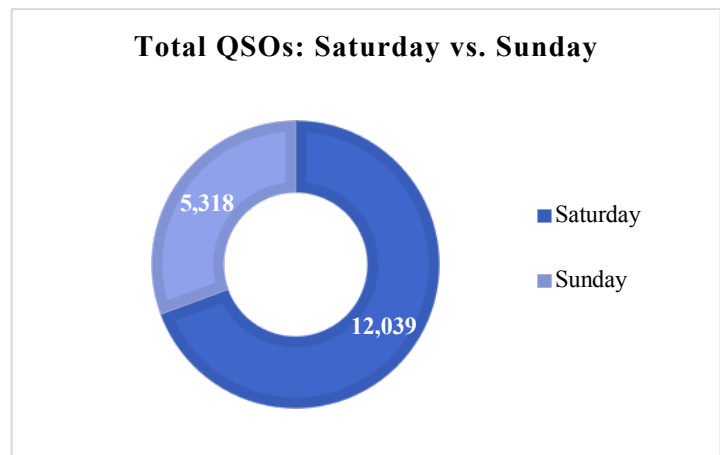


## Saturday vs. Sunday

The addition of Sunday hours—a second segment—was added to BCQP in 2018. Initially intended to provide CW operators with an extra opportunity for QSOs to offset the frustration caused by NA Sprint on Saturday evening BC-time, the second segment has been well-received by all participants.

Given that the Saturday segment is 12 hours and the Sunday segment is only eight hours, QSO activity per day would be expected to differ. But in past years, activity was more or less evenly split between the two days. Not so in 2021.

The total number of QSOs in submitted logs came to 17,357\*. Of this number, 12,039 QSOs, or 69.3%, occurred on Saturday and 5,318 QSOs, or 30.7%, occurred on Sunday. Horrible CONDX on Sunday is probably the reason for sluggish activity on Sunday, compared with Saturday.



\*Note: Total number of QSOs is higher than the sum of QSOs by mode, as described on page 12, because the two-segment analysis draws on all QSOs, including invalid QSOs and QSOs in checklogs.

## Modes by Day

Saturday drew more CW activity than Sunday.

The two-day CW total was 10,454 Qs, or 60.2% of total Qs, with 6,842 on Saturday and 3,607 on Sunday. As percentages, Saturday CW Qs represented 56.9% of all Saturday Qs, and Sunday CW Qs represented 67.8% of all Sunday Qs.

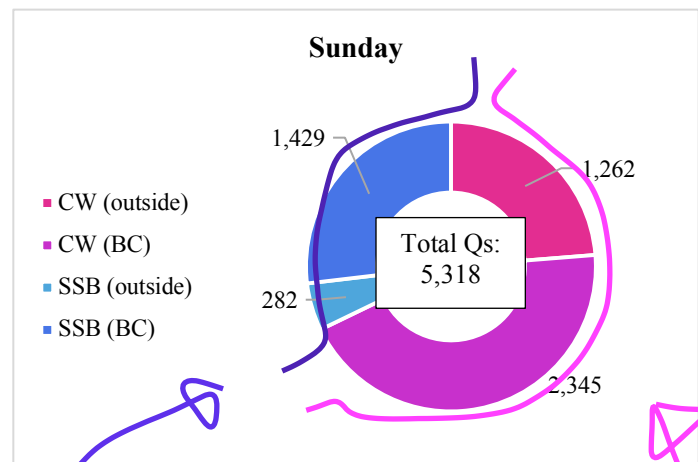
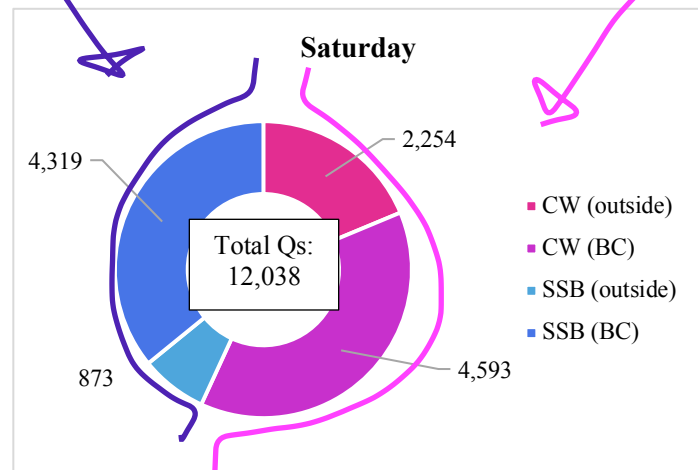
Of the Saturday CW amount, 4,593 Qs were in BC logs and 2,254 Qs were in non-BC logs. Of the Sunday amount, 2,345 Qs were in BC logs and 1,262 Qs were in non-BC logs.

Saturday also drew more SSB activity than Sunday.

The two-day SSB total was 6,903 Qs, or 39.8% of total Qs, with 5,192 on Saturday and 1,711 on Sunday. As percentages, Saturday SSB Qs represented 43.1% of all Saturday Qs, and Sunday SSB Qs represented 32.2% of all Sunday Qs.

Of the Saturday SSB amount, 4,319 Qs were in BC logs and 873 Qs were in non-BC logs. Of the Sunday amount, 1,429 Qs were in BC logs and 282 Qs were in non-BC logs.

The takeaway from this data is that Saturday saw the most activity, and CW was the mode of preference on both days..



## Outlook for BCQP 2022

Band conditions are often a determining factor in an operator's decision to participate, and it's impossible to accurately predict now what band conditions will be like for BCQP 2022 or how conditions will be interpreted by individual operators on event day.

The State QSO Party Challenge raised awareness of BCQP even higher in 2021, which should translate into greater participation in 2022, too.



\*For a more detailed breakdown of BC scores, please go to [BC Results](#) on the BCQP website.

## BC STATIONS

Callsigns in **bold** = top-category certificate winners; *italics* = sponsored plaque winners; \* = district certificate. Eligibility requirement: at least 10 valid QSOs

Callsign	Category	District	Total QSOs	Total Points	Mults	Bonus	Total Score	Club
<b>*VE7IO</b>	MOHP MIXED	SWR	1,142	3,466	329	120	1,140,434	Orca DXCC
VA7ODX	MOHP MIXED	DEL	1,028	3,052	294		897,288	Orca DXCC
<b>VE7SAR</b>	MOHP MIXED	SWR	523	1,758	143	60	251,454	Surrey Amateur Radio Club
VA7UNX	SO QRP CW	NWB	4	16	4		64	
VE7JDN	SO QRP CW	KTC	2	8	2		16	
VA7USD	SO QRP PH	SGI	4	8	5		40	Orca DXCC
<b>VA7DX</b>	SOHP CW	CPC	474	1,896	142	40	269,272	Orca DXCC
*VA7ST	SOHP CW	KEL	410	1,640	129	20	211,580	Orca DXCC
*VE7JKZ	SOHP CW	SGI	310	1,240	120	20	148,820	Orca DXCC
VA7MM	SOHP CW	CPC	271	1,084	116	80	125,824	Orca DXCC
*VA7VK	SOHP CW	ESQ	51	204	35		7,140	
<b>*VA7RR</b>	SOHP MIXED	CPC	2,027	5,070	342	60	1,734,000	Orca DXCC
<b>*VE7UF</b> (VE7JH)	SOHP MIXED	NPR	1,262	3,658	334	100	1,221,872	Orca DXCC
VE7KW	SOHP MIXED	CPC	741	2,258	260	120	587,200	Orca DXCC
VE7XF	SOHP MIXED	NPR	249	936	134	60	125,484	Orca DXCC
*VE7VR	SOHP MIXED	BUS	239	946	97	60	91,822	Orca DXCC
*VA7GI	SOHP MIXED	VAQ	206	822	65	20	53,450	Orca DXCC
*VE7AHT	SOHP MIXED	DEL	143	566	55	20	31,150	
VE7TK	SOHP MIXED	SGI	35	100	30	40	3,040	Orca DXCC
<b>VE7SCC</b> (VA7ROH)	SOHP PH	CPC	60	120	42		5,040	Coquitlam Amateur Radio Emergency Services Society
VA7VX	SOHP PH	PMM	6	12	6		72	
VE7AOV	SOHP PH	NWB	0					checklog
<b>*VA7OM</b>	SOLP CW	MMF	492	1,968	139	80	273,632	Orca DXCC



Callsign	Category	District	Total QSOs	Total Points	Mults	Bonus	Total Score	Club
*VA7RN	SOLP CW	COA	375	1,500	88	20	132,020	Orca DXCC
*VE7YL	SOLP CW	STR	72	288	38	20	10,964	Orca DXCC
*VA7KH	SOLP CW	NAL	50	200	28		5,600	
VA7KAJ	SOLP CW	SGI	15	60	16		960	
VA7RPE	SOLP CW	RIC	8	32	10	20	340	Orca DXCC
*VE7CV	SOLP MIXED	KTC	424	1,284	194	100	249,196	Orca DXCC
*VA7EU	SOLP MIXED	BNS	250	946	139	120	131,614	Orca DXCC
*VE7BC	SOLP MIXED	SUN	228	604	138	120	83,472	Orca DXCC
VE7AX	SOLP MIXED	COA	181	720	89	20	64,100	Orca DXCC
VE7BGP	SOLP MIXED	NAL	35	114	38		4,332	Nanaimo Amateur Radio Association
VE7XFA	SOLP MIXED	NPR	43	98	33		3,234	Comox Valley Amateur Radio Club
*VA7KBM	SOLP MIXED	VAG	17	58	20	20	1,180	Orca DXCC
VA7ES	SOLP MIXED	NPR	10	38	13		494	Orca DXCC
VE7SFW	SOLP MIXED	RIC	5	16	7		112	Orca DXCC
<b>VE7DX</b>	SOLP PH	COA	345	690	128	20	88,340	Orca DXCC
*VE7JAR	SOLP PH	NOS	372	744	50		37,200	North Okanagan Radio Amateur Club
*VE7CUP	SOLP PH	SBV	226	452	62		28,024	
*VE7VZ	SOLP PH	CSN	89	178	42	20	7,496	Orca DXCC
*VA7YJJ	SOLP PH	CML	63	126	37	20	4,682	
VE7KPZ	SOLP PH	NOS	66	132	30		3,960	North Okanagan Radio Amateur Club
*VE7KX	SOLP PH	NWB	33	66	26	60	1,776	
VA7EGZ	SOLP PH	NAL	23	46	25	60	1,210	
VE7YAH	SOLP PH	COA	17	34	14	20	496	Comox Valley Amateur Radio Club
VE7RSV	SOLP PH	NPR	13	26	12	20	332	Orca DXCC





\*For a detailed breakdown of scores for all stations outside BC submitting a log in 2021, please go to [Outside BC Results](#) on the BCQP website.

## CERTIFICATE/PLAQUE WINNERS — OUTSIDE BC

All stations listed below will receive certificates for top score by category of entry in respective US state, Canadian province other than BC or DX entity.  
Callsigns in *italics* are winners of a sponsored plaque.

Eligibility requirement: at least 10 valid QSOs

Callsign	Category	S/P/DX	Total QSOs	Total Points	Mults	Bonus	Total Score	Club
N1SOH	MOLP MIXED	MA	39	130	32	60	4,220	Yankee Clipper Contest Club
K4KO	SO QRP CW	TN	22	88	16	40	1,448	Tennessee Contest Group
KI4MZC	SO QRP CW	GA	14	56	12	20	692	South East Contest Club
VE9BEL	SO QRP CW	NB	11	44	7	20	328	
VY1KX	SO QRP MIXED	YT	42	148	32	60	4,796	Orca DXCC
W7LG	SO QRP MIXED	PA	19	68	14	20	972	
K8ZT	SO QRP MIXED	OH	15	54	14	20	776	North Coast Contesters
N7EPD	SOHP CW	WA	38	152	29	60	4,468	Pacific Northwest VHF Society
W1AJT	SOHP CW	NC	39	156	28	40	4,408	Contest Club Ontario
W0UY	SOHP CW	KS	33	132	24	20	3,188	
N9CK	SOHP CW	WI	33	132	22	20	2,924	Society of Midwest Contesters
K4BAI	SOHP CW	GA	30	120	22	60	2,700	South East Contest Club
AC6ZM	SOHP CW	TN	29	116	22	40	2,592	Tennessee Contest Group
KR2AA	SOHP CW	NY	25	100	18	40	1,840	
K9OZ	SOHP CW	AR	22	88	18	20	1,604	ADXA
K5TIA	SOHP CW	TX	23	92	17	40	1,604	TX DX Society
K3TN	SOHP CW	MD	21	84	15	20	1,280	Potomac Valley Radio Club
VE3KP	SOHP CW	ON	21	84	15	20	1,280	Contest Club Ontario
K7IA	SOHP CW	NM	22	88	14	20	1,252	
WQ6X	SOHP CW	CA	18	72	15	20	1,100	San Diego Contest Club
W2XYZ	SOHP CW	FL	16	64	11	20	724	Florida Contest Group
WT9U	SOHP CW	IN	13	52	10	20	540	Society of Midwest Contesters



Callsign	Category	S/P/DX	Total QSOs	Total Points	Mults	Bonus	Total Score	Club
NE7D	SOHP CW	OR	11	44	11	40	524	Willamette Valley DX Club
N1NN	SOHP CW	MA	12	48	8	20	404	
JE1RZR	SOHP CW	DX	12	48	8		384	
WA7DUH	SOHP PH	WA	14	28	13		364	
VE3HED	SOHP PH	ON	13	26	10	40	300	
K2KR	SOHP PH	CO	13	26	10	20	280	Grand Mesa Contesters
W5RJJ	SOHP PH	NM	11	22	10	20	240	
K4SBZ	SOHP PH	FL	11	22	9	20	218	
W1NVT	SOHP PH	VT	10	20	9	20	200	Radio Amateurs of Northern Vermont
K6FGV	SOHP PH	CA	10	20	8	20	180	Southern California Contest Club
KE8FT	SOHP PH	CA	10	20	9		180	Northern California Contest Club
K16RRN	SOHP MIXED	CA	106	348	77	120	26,916	Southern California Contest Club
KA6BIM	SOHP MIXED	OR	66	240	49	80	11,840	Willamette Valley DX Club
K9RS	SOHP MIXED	DE	63	212	49	100	10,488	Frankford Radio Club
WB8WKQ	SOHP MIXED	MI	64	212	47	120	10,084	Mad River Radio Club
KV0I	SOHP MIXED	NE	52	158	37	40	5,886	
CE2SV	SOHP MIXED	DX	47	156	36	100	5,716	BC DX Club
K5IB	SOHP MIXED	TX	46	170	29	60	4,990	
N6AR	SOHP MIXED	FL	39	140	33	80	4,700	Florida Contest Group
W3LL	SOHP MIXED	MD	41	150	29	60	4,410	Potomac Valley Radio Club
NO2C	SOHP MIXED	NY	37	124	29	40	3,636	Great South Bay ARC
VE9OA	SOHP MIXED	NB	27	94	21	40	2,014	Maritime Contest Club
NS2N	SOHP MIXED	NY	25	88	21	40	1,888	Niagara Frontier Radiosport
VE5MX	SOHP MIXED	SK	25	94	19	40	1,826	Saskatchewan Contest Club
WA3AAN	SOHP MIXED	PA	24	94	18	20	1,712	Frankford Radio Club
KI0Y	SOHP MIXED	MO	22	80	17	40	1,400	
WA8KAN	SOHP MIXED	WV	21	74	16	40	1,224	
JH2RMU	SOHP MIXED	DX	20	72	15	40	1,120	
K9NW	SOHP MIXED	IN	19	72	15	40	1,120	Mad River Radio Club



Callsign	Category	S/P/DX	Total QSOs	Total Points	Mults	Bonus	Total Score	Club
W3OA	SOHP MIXED	NC	18	52	17	20	904	Carolina DX Association
NR0P	SOHP MIXED	KS	16	48	15	40	760	
K3DNE	SOHP MIXED	SC	17	50	14		700	Swamp Fox Contest Group
AA1SU	SOHP MIXED	VT	14	46	11	20	526	Radio Amateurs of Northern Vermont
OM2VL	SOHP MIXED	DX	11	40	10	40	440	Slovak Contest Group
K8AJS	SOHP MIXED	OH	11	38	10	40	420	Mad River Radio Club
K9CW	SOLP CW	IL	52	208	36	40	7,528	Society of Midwest Contesters
W7CD	SOLP CW	WA	44	176	33	40	5,848	Western Washington DX Club
W6NKR	SOLP CW	CA	28	112	25	60	2,860	
W3WHK	SOLP CW	PA	29	116	20	40	2,360	Frankford Radio Club
W4TJM	SOLP CW	FL	29	116	19	40	2,244	Florida Weak Signal Society
K0RY	SOLP CW	CO	27	108	18	40	1,984	
K0WRY	SOLP CW	KS	25	100	18	20	1,820	
AB2TB	SOLP CW	NJ	25	100	18	20	1,820	
K7ROG	SOLP CW	AZ	24	96	18	20	1,748	Tortolita Amateur Radio Club
K8MU	SOLP CW	MI	22	88	18	40	1,624	
K3YP	SOLP CW	OH	23	92	17	40	1,604	
N9NM	SOLP CW	TX	23	92	16	20	1,492	Central Texas DX and Contest Club
W4NZ	SOLP CW	TN	21	84	16	40	1,384	Tennessee Contest Group
KM4FO	SOLP CW	KY	21	84	16	20	1,364	Kentucky Contest Group
W5LA	SOLP CW	LA	18	72	15	20	1,100	Louisiana Contest Club
K0JP	SOLP CW	MN	19	76	14	20	1,084	Minnesota Wireless Association
WB2FUV	SOLP CW	NY	19	76	13		988	Hudson Valley Contesters and DXers
K0JV	SOLP CW	SD	17	68	13	20	904	
K7ZYV	SOLP CW	MS	16	64	13	20	852	
K1VUT	SOLP CW	MA	17	68	12	20	836	Yankee Clipper Contest Club
W1ARY	SOLP CW	CT	17	68	11	20	768	
W1END	SOLP CW	NH	17	68	11	20	768	Yankee Clipper Contest Club



Callsign	Category	S/P/DX	Total QSOs	Total Points	Mults	Bonus	Total Score	Club
K9GDF	SOLP CW	WI	17	68	11		748	
W2QL	SOLP CW	VA	14	56	11	40	656	
N9WVM	SOLP CW	IN	11	44	10	20	460	
N1CGP	SOLP CW	ME	10	40	8		320	
K7ULS	SOLP CW	UT	10	40	7		280	
VA4HZ	SOLP PH	MB	18	36	15	60	600	Radiosport Manitoba
NW5Q	SOLP PH	TX	16	32	15	40	520	DFW Contest Group
N7MZW	SOLP PH	WY	13	26	10	20	280	Grand Mesa Contesters of Colorado
VE3BFU	SOLP PH	ON	11	22	10	20	240	
KG9JP	SOLP PH	WI	10	20	9	40	220	Fox Cities ARC
KM4IAJ	SOLP PH	VA	10	20	8	20	180	
N7RO	SOLP MIXED	WA	62	190	44	100	8,460	Orca DXCC
N8II	SOLP MIXED	WV	56	176	44	60	7,804	Potomac Valley Radio Club
AC0W	SOLP MIXED	MN	46	164	34	60	5,636	Minnesota Wireless Association
N4ARO	SOLP MIXED	TN	45	154	32	60	4,988	Tennessee Contest Group
N7ZZ	SOLP MIXED	WI	41	148	32	60	4,796	
KE8PX	SOLP MIXED	OH	40	140	30	40	4,240	
N6GP	SOLP MIXED	CA	36	134	28	40	3,792	Southern California Contest Club
K4VBM	SOLP MIXED	GA	33	112	27	60	3,084	Georgia Contest Group
K5YX	SOLP MIXED	TX	32	114	26	80	3,044	Lake Area Amateur Radio Klub
WA2JQK	SOLP MIXED	NY	31	102	26	80	2,732	Hudson Valley Contesters and DXers
VE5GC	SOLP MIXED	SK	34	116	23	40	2,708	
K2AL	SOLP MIXED	NJ	30	104	25	40	2,640	New Providence ARC
VE3CWU	SOLP MIXED	ON	34	110	23	60	2,590	Contest Club Ontario
WB9HFK	SOLP MIXED	IL	31	112	21	20	2,372	Society of Midwest Contesters
KB4CG	SOLP MIXED	VA	29	98	23	60	2,314	
W1QK	SOLP MIXED	CT	28	100	22	40	2,240	Candlewood ARA
W3PJ	SOLP MIXED	GA	25	82	22	40	1,844	South East Contest Club
AC5O	SOLP MIXED	LA	25	92	19	40	1,788	





WA5SOG	SOLP MIXED	AR	24	86	20	20	1,740	Fort Smith Area Amateur Radio Club
<b>Callsign</b>	<b>Category</b>	<b>S/P/DX</b>	<b>Total QSOs</b>	<b>Total Points</b>	<b>Mults</b>	<b>Bonus</b>	<b>Total Score</b>	<b>Club</b>
W1WBB	SOLP MIXED	RI	23	82	20	40	1,680	CTRI Contest Group
VE2JCW	SOLP MIXED	QC	25	84	18	40	1,552	contest group du quebec
N4NTO	SOLP MIXED	NC	22	76	18	40	1,408	
WB4OMM	SOLP MIXED	FL	19	70	15	20	1,070	Florida Contest Group
KG6T	SOLP MIXED	AZ	18	58	16		928	
W0YJT	SOLP MIXED	KS	18	58	13	40	794	
XE1AY	SOLP MIXED	DX	15	58	12	20	716	CREO- DXXE
VA6RCN	SOLP MIXED	AB	16	50	13	20	670	Contest Club Ontario
VE4DL	SOLP MIXED	MB	16	46	11	20	526	Radiosport Manitoba
W2GFV	SOLP MIXED	SC	13	44	10	20	460	
N8FYL	SOLP MIXED	MI	11	42	9	20	398	Mad River Radio Club