

# British Columbia QSO Party 2019



Certificate photo for top score in each category of entry:  
Totem pole at Butchart Gardens

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## Sponsor Information

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## Behind the Scenes

By Rebecca VA7BEC, Contest Coordinator BCQP

### Beyond expectations

A few days before BCQP 2019, my CW/digital op and I were at a lunch where fortune cookies were handed out after the meal. Our fortunes were "Avoid misunderstanding by keeping your ears open." and "Don't give up. The best is yet to come."

Yes, like horoscopes and tarot cards, the words are vague enough to apply to just about anything the reader is experiencing or hopes to experience.

Maybe because BCQP was just around the corner, we cautiously hoped our fortunes meant that we'd have to listen carefully to pull callsigns out of big pileups and that being persistent—in this case, relentlessly striving to raise the profile of BCQP and attract wider participation—would deliver amazing results, be that logs received or scores or districts activated or just positive comments.

Did this happen? Yes, indeed. And far beyond any and all expectations.

### CONDX for the two days of BCQP 2019

CONDX were challenging to say the least. I checked propagation data before BCQP started at 1600z: -1 sunspots, aurora level of 6.7, geomag unsettled, and all the bands except 20M given a disheartening "closed" or "poor". 20M was rated "fair".

Sunday was more or less the same, although 15M perked up a bit, at least for a few hours.

*To everyone who got on  
the air and/or helped  
others do so... Thank You!*



### Challenging but not impossible

Casual operators and newcomers to the hobby and/or contesting often conclude that there's no point in participating when conditions are so bad. But a band is never dead or closed or a waste of time or whatever you want to call it if someone somewhere is calling CQ and someone somewhere hears that CQ. Those who gave up before even starting missed out on a very good time.

Band conditions, while most definitely challenging, did not seem to stop operators near and far from getting into the hunt for BC stations with varying degrees of success, be that the Q count or the score. Activity was extremely high, with a noticeably deeper pool of CW operators or at least a more pervasive presence on this mode, as substantiated by QSO data in submitted logs. Lots of activity. Lots of Q potential.

At times, five, six and sometimes more BC stations were spotted, clumped fairly close together but not enough to cause interference, and this presented stations everywhere with an opportunity to pick up several VE7/VA7s in quick succession as opposed to tuning up and down the bands and through the modes for too many minutes between QSOs.

At VA7ODX, it was hard to discern callsigns in the noise. Many stations that are always booming were hardly more than whispers in the wind. The surprise DX that we have come to cautiously expect in BCQP was almost nonexistent even though the CW op and I could "feel" stations out there calling us. SRI.

And then, as if a magic wand dispersed the noise, stations started to come in 59+, loud and clear from the east coast. The grayline effect was noticeable, as the sponsor station log filled with states and provinces in a westward movement.

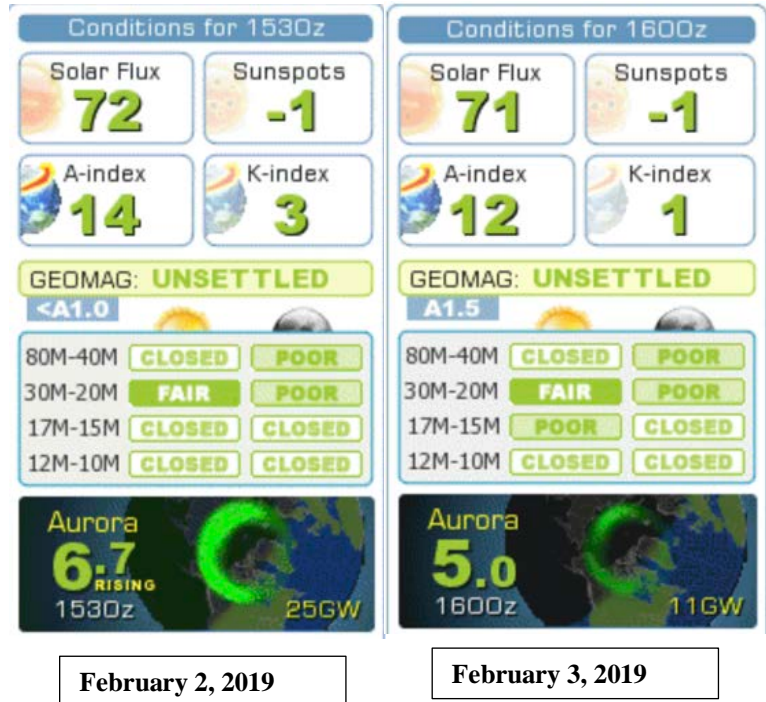
20M was by far the best band for pileups, but 15M and 40M presented potential at various times. Apparently, there was an opening on 10M. We missed it. :(

### Positive Trends

There were more federal electoral districts activated this year: 31. Another move in the right direction.

Overall, activity was high and steady. The solid on-air presence of BC stations — both multi- and single-op — definitely piqued interest in and sustained awareness of BCQP. This brought more and more people to the party. The snowball effect. Wonderful!

Sunday operating hours were well-received again this year. I know it was Super Bowl Sunday but for non-football fans, the Sunday option offers operators who have limited time on Saturday to have a few more hours of fun in BCQP. Indeed, an analysis of submitted logs in 2019 shows pretty comparable activity on both days, with 5,555 QSOs over the core 12 hours on Saturday and 4,644 QSOs over the eight-hour segment on Sunday. A detailed analysis of results, including Saturday-vs-Sunday operation, with graphs is provided in the number-crunching section beginning on page 8.



### Interesting comments...

**“Here is my log. Only one contact and I’m damned proud of it.” KC5DCT**

-- It was obviously a memorable Q. ☺

**“Wished I could have heard more VE7s on SSB.” NW5Q**

-- Wow! The usual “wish” is for more CW operators on the air.

**“Great idea to use electoral districts as multipliers!” K5IB**

-- Another wow! Most of the time, the comment is that no one knows what an electoral district is, that even BC operators – probably the casual, non-contester types – don’t know their own district, and that a different mult should be used.

### Record-Breaking Results

A sustained presence by quite a few CQing BC stations on two or more modes and more districts activated led to some amazing results for stations inside and outside the province. Just goes to show that human perseverance and ingenuity are no match for fickle propagation gods.

Two BC stations—VE7UF and VE7TI—turned in scores exceeding one million points. First time for any station to break the one-million mark. It was bound to happen, of course, especially under the two-day structure. Just for reference sake and not to take anything away from the outstanding results posted by VE7UF and VE7TI this year, in 2015 and 2016, before Sunday operation was added to BCQP, the sponsor station racked up scores of 942,020 and 967,744, respectively. Surpassing the one-million mark was just a matter of time, circumstances and determination.

Naturally, the previous record set by VA7ODX in 2016 was hugely surpassed by Team VE7UF, with a score of 1,448,528, and Team VE7TI, with a score of 1,091,064.

Keith VE7KW, logging 349,260 points from QSOs across three modes, broke the top BC single-op result (268,212) set by Marcy VE7JT in 2013. I must emphasize that Marcy’s score—built on one mode (SSB) when BCQP was just a Saturday event—stood for six years.

### Rewards for Perseverance

BCQP offers many incentives for getting on the air, from the camaraderie of team operation and the chance to polish skills or help others learn about HF operation to potential pileups and surprise DX.

For operators seeking tangible rewards, BCQP has lovely 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, and special certificates are awarded for particularly noteworthy results even if these results aren’t top scores. In addition, a certificate category recognizing top scores in each district was established in an effort to spur greater participation from operators throughout BC—since VE7/VA7s are quite literally the life of the party—but particularly in areas not often activated.



**District Award photo: Dogwood, provincial flower**

Plaques are awarded in sponsored categories. Thanks to the support of clubs and individuals, there were 10 plaques available in 2019: 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 depth of participation in 2019, a number of stations achieved results good enough for top spot in more than one plaque category. But the rule is one plaque per station, with priority given to geographically based categories.

VE7UF qualified for the Top BC (multi-op) plaque as well as the Top Mixed Mode plaque. As per the Plaque Allocation Policy\*, VE7UF will receive the geographically based plaque, which opens the mixed



mode plaque to the station with the next-highest score—Team VE7TI.

Team VE7TI also qualified in the Most Districts Contacted plaque category, as did Jeff N8II, both with 23 districts. But Team VE7TI is getting the Mixed Mode plaque, as noted above, and Jeff N8II will receive the Top US plaque, so VE7BC and VE7SAR, tying with 20 districts, will get the district plaque and the category will be appropriated retitled.

### Outside BC Scores

The number of logs from stations outside BC was truly enormous. I mean HUGE!!! Given the tremendous level of participation, particularly from stations in the United States, it would seem fair and appropriate to recognize top scores not just in each category of entry but by category of entry in each state, province and DX entity rather than the previous method of second and third-place certificates in each category of entry where there were at least 10 logs. The only requirement for eligibility is that the log have at least 10 valid QSOs.

Going forward, if BCQP 2020 draws a similar level of participation, certificates will be awarded under this structure again, and if this becomes a three-year trend, the rules will be amended accordingly.



**Certificate photo for top scores by category of entry in each state, province, DX entity**

### FT8?

FT8 was an idea for BCQP 2019. Unfortunately, despite the obvious popularity of this digital mode,

the software just isn't compatible with the BCQP format at the current time. Maybe next year, if the program writers create a version that allows operators to specify "BCQP" and enter the required exchange.

WSJT-X, the software used for FT8, is ever-evolving and now features some contest capability. But it's not yet viable for QSO parties because it doesn't enable operators to execute a party CQ. I feel it is necessary to distinguish BCQP from other QSO parties and other on-air events taking place on the same day/weekend and to have the option of sending the party exchange instead of a grid square. Devising an equitable scoring method to deal with grid squares vs. the BCQP district exchange was problematic and too convoluted. Hence, no FT8 in 2019.

### BCQP 2020, with Special Guest

Mark your calendars. BCQP 2020 will run in two segments again over the first full weekend of February: 1600z Feb 1 – 0359z Feb 2 AND 1600z Feb 2 – 2359 Feb 2.

**A total of 20 hours: 12 on Saturday and 8 on Sunday.**

The objectives remain the same: Stations in BC, contact anyone anywhere, and stations outside BC, contact as many VE7/VA7s as possible during the 20-hour event.

With a twist.

Radio amateurs in Yukon — BC's northern neighbour — will be invited to participate in BCQP 2020 as special guests with the ability to work anyone anywhere just like BC stations, as a way to encourage operators in YT use HF and gain some contesting experience.

Not sure just yet what "district" the Yukon stations will give out or how QSOs between Yukon stations and stations outside Yukon and BC will be scored. Stay tuned. I'll have something figured out by the time the promotion wagon for BCQP 2020 starts rolling in November 2019.

Hope to see you again.

### Plaque Winners in 2019

**Team VE7UF** (VA7FC, VE7JH and VE7UF) captured the **Top BC (multi-op)** plaque, with a record-breaking score of 1,448,528.

**Keith VE7KW** set a new single-op record, with a score of 349,260, and earned the **Top BC (single-op)** plaque.

**Team VE7TI** (VA7NLF, VA7NF, VA7QD, VE7GMP, VE7IO, VE7TI and VE7ACN ) is awarded the mixed mode plaque, with a score of 1,091,064. Note: Plaque category retitled as **Excellent Achievement: Mixed Mode**.

**Team VE7FO** (VA7GI VE7FO) set a new CW record with a score of 201,196 and will receive the **Top CW** plaque.

**Elizabeth VE7YL** secured the **Top YL** plaque with a CW-only score of 27,060.

**Jeff N8II** takes the **Top US** plaque with a score of 12,400.

**Dale CE2SV** returned to BCQP after a four-year break and was rewarded with another **Top DX** plaque for his score of 4,020.

**Les VE3NNT** claimed the **Top Canada outside BC** plaque with a score of 6,220.

After applying the Plaque Allocation Policy of one plaque per station, the remaining eligible stations—**Ken VE7BC** and **Team VE7SAR** (VA7OM VA7VJ VA7XB VE7ADA VE7CZV VA7FMR VE7GMP VE7KGK VE7TI) —tied for districts contacted (20) and will each receive an **Excellent Achievement: Districts Contacted** plaque.

**ORCA DXCC** retains the **Top BC Club** plaque, with an aggregate score of 3,794,202 from 20 submitted logs with Orca DXCC as the participant's affiliated club. Note, this does **not** include sponsor call VA7ODX results.



Photo for sponsored plaques:  
Parliament Buildings, Victoria, BC

#### Note: 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 2019 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

I enjoyed the contest. Was looking to contact many BC stations. — **JH2RMU**

Thanks for the contest. Hopefully conditions will be better next year. — **K1AUS**

KX3 to a multi-band dipole. What a great little contest. The British Columbian ops were really going for every point. They kept with my little signal for extended periods of time (like over a minute) trying to copy me. I started to think that my callsign changed to something with AGN or SRI in it heh heh. I almost tripled the number of exchanges this year over last year, which was my first BCQP. I got VA7ODX on two bands and VA7ST and VE7UF on three bands. Wow! Thanks for sticking with me and thanks for the QSOs! —

**KI4MZC**

Not many Q's but had a great time helping our friends to the north. — **N6OIL**

This is another WQ6X Remote operation from NX6T in Fallbrook. In between QSOs in the Mexican RTTY contest, I found time to look for BC stations. Look for a writeup on this GiG at WQ6X.Blogspot.Com — **NX6T**

Nothing heard later on Saturday but more activity on Sunday. Thanks for your hard work! — **VA3RKM**

Missed the first day. Morse key fell apart during last hour of test. Quick repair and back on the air. —

**VA6RCN**

It was a cold blustery day on Sunday of this contest. I had a lot of fun with my venerable old IC-751A again. I managed to do well. closing the contest on 40 and 80 CW. 73 — **VE7BGP**

Hard going with poor propagation. It will get better one day...hopefully. — **VE7JKZ**

Entering the CW Sprint cost mulds on 160/80/40. Good participation and decent conditions considering. —

**VE7KW**

Another fun contest. Wish more folks had been on SSB, especially 15m, cause it was very open at times both days. — **NW5Q**

Trial run with a SteppIR vertical on the roof of a 25 story highrise. A bit noisy on receive but seemed to work with no interference to neighbours reported! —

**VE7VR**

It was fun to participate in BCQP once again, and much nicer to be inside than out where it was around -40C.

Thank you for organizing such a good event. —

**VY1KX**

Thanks for sponsoring, organizing, and administering this event. — **W4JHU**

4 watts output to a 20m/40m inverted vee facing north, up 45ft. Thanks to all BC ops for taking the time to copy my weak signal. See you next year! — **W6MZ**

NAQP and FOC wiped out 40 Meters CW on Saturday evening. — **W8IQ**

This is another WQ6X portable operation from W7AYT's QTH in Concord. In between QSOs in the Mexican RTTY contest, I found time to look for BC stations. Look for a writeup on this GiG at WQ6X.Blogspot.Com — **WQ6X**

Rig was FTdx5000 and Butternut vertical. It was quite a fruitful hunt this year. Thanks to all. —

**W1END**

Thank you for the 2019 British Columbia 2019 QSO Party. — **KF3G**

Lots of fun. Wish our mobile MNQP was more compatible with BC rules. — **N0UV for**

**K0ARF/mobile**

Saturday morning, 20M had some wild QSB swings with the BC stations. This also showed up later on 40M around 0000z. VE7TI was so strong on 15M on Saturday, I could actually hear them up and down 5 khz from their center. Non-BC stations can have success calling "CQ BC." I actually had two BC stations (VE7UTS and VE7CV) come back to me simultaneously from one CQ! The 7070 (and 3570) "trick" during Sprint hours appeared to be a good idea. These frequencies seemed very clear here, although I didn't hear too many BC ops taking advantage of it. VE7JKZ was an exception to this. Made five BC QSOs on 75/80M which hasn't happened since 2016. — **WB8WKQ**



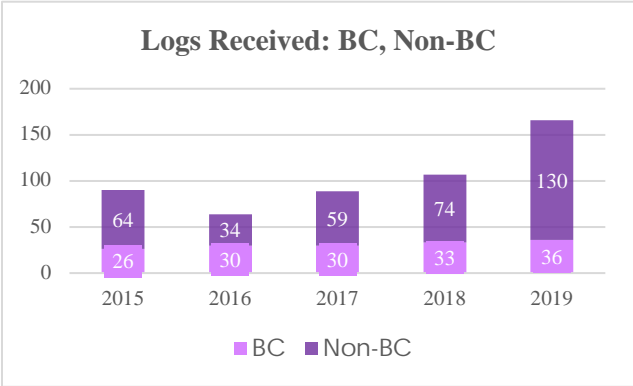


## Crunching the Numbers

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

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.

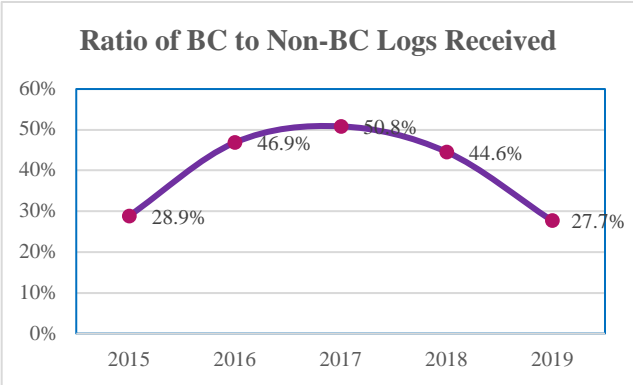
Log submission is not a requirement of participation, but the more logs received, the more accurate the analysis will be.



### Number of Logs

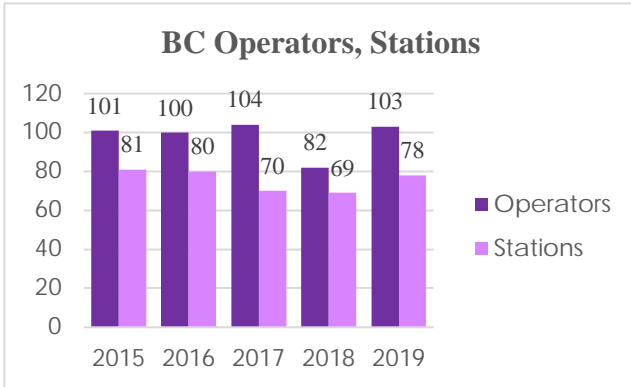
A total of 166 logs were received, soaring 59 over the previous year. This significant increase is largely due to more logs received from outside BC, but the number of in-province logs continued to rise as well, albeit only slightly.

The number of logs received from BC stations is not necessarily indicative of the participation level within BC. Operators outside BC tend to submit a log even if it has only a few—less than 10—QSOs, while BC operators do not. Why? Possible reasons include plans to give out some points to friends and thus 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.



The BC-to-outside-BC ratio tumbled to 27.7%, from 44.6% a year ago, due to the huge increase in the number of logs from outside BC versus the marginal increase in logs from within the province. The number of logs from other parts of Canada slipped to 11, from 14, quite likely because of poor propagation and the bad luck of missing whatever openings might have appeared. The outside-BC list of logs includes the first logs received from Australia and Hawaii.





### Number of BC Stations on the Air

Based on the content of submitted logs, the number of in-province stations on the air reached 78, up nine from a year ago. The number of operators involved in BCQP 2019, at single-op stations or in multi-op teams, hit 103, moving back into the 100s after a drop in 2018.

### Districts Activated

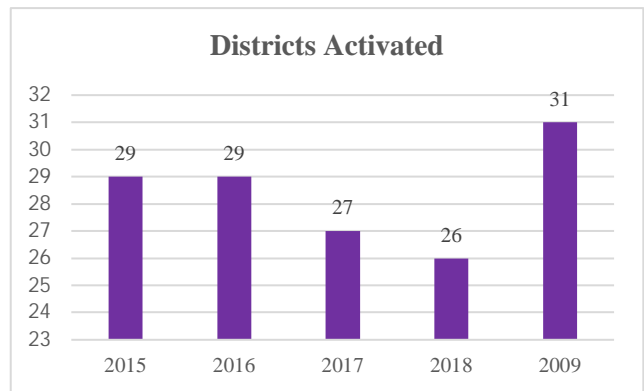
The number of activated federal electoral districts—the multipliers in BCQP since the province does not have the typical QSO party county exchange—jumped to 31<sup>note</sup>, and the coverage ratio improved to about 74 %, from 62%, a year ago.

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 reveals how location and a little bit of luck in catching the attention of casual participants play a part in the hunt for multipliers.

Some years, a BC station picks up the most districts through well-timed S&P or is lucky enough to have operators in lucrative districts drop by while CQing. Other years, it's the determined effort of an operator outside BC who bravely calls "CQ BCQP. Looking for stations in BC." and attracts the attention of BC stations not necessarily playing in BCQP but willing to give out a point. It is these casual BC operators who may not know the required exchange and/or their federal electoral district abbreviation for BCQP purposes, and the CQing outside-BC operator has to figure out the multiplier. Knowing how to do this can provide that one extra multiplier needed to capture the Most Districts Contacted plaque, and indeed, some years, it's just one district that separates the plaque recipient from the next-closest result.

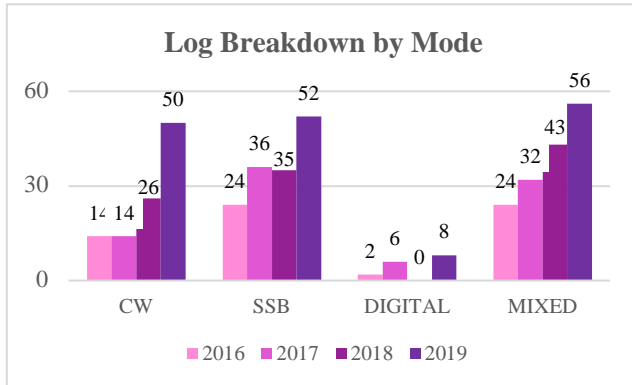
The log-checking process revealed some unique districts that were probably extrapolated from a busted callsign or else the BC operator provided incorrect information, thus invalidating those entries. Those iffy districts are thus excluded from the final tally of districts contacted.

In 2019, Jeff N8II and Team VE7TI each collected 23 districts, followed by Team VA7ODX, with 21, and VE7BC and Team VE7SAR, tied at 20.



Note: Coverage in 2019: 31 out of 42 (74%)  
 BNS BUS CLC CPG CPC COA CML CSN DEL ESQ KTC KEL MMF NAL NWB NPR NVA PMM PPN  
 RIC SGI SBV STR SUC SUN SWR VAG VAK VAQ VIC WVS

Coverage in 2018: 26 out of 42 (62%)  
 ABF BNS BUS CHP CML COA CPC DEL KEL KOC KTC LAA NAL NPR NVA NWB PMC PMM  
 PPN RIC SBV SGI SUC SUN SWR VAQ



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

The breakdown of logs by class of entry reveals 50 CW-only logs—almost double the number in 2018; 52 SSB logs, up 17 from 2018; and 56 MIXED logs, up 13 year on year. There were eight DIGITAL-only logs, compared with zero in 2018. In 2019, the breakdown of SSB, CW and MIXED logs is fairly evenly split, with the majority of mixed logs comprising SSB, CW and RY. The number of logs in the MIXED category continued to grow, undoubtedly because efforts across two or three modes provides an efficient way to increase Q count, capitalize on multipliers for new band/mode and achieve a bigger score.

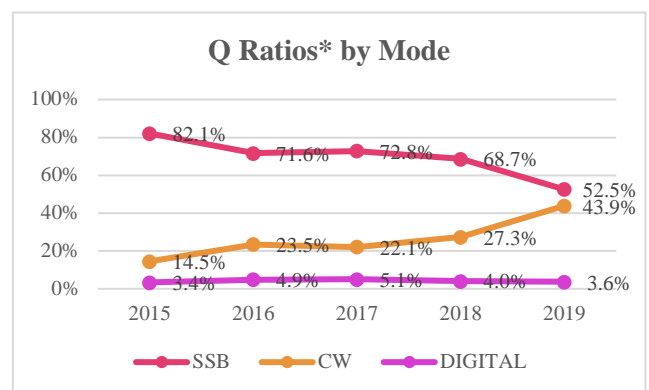
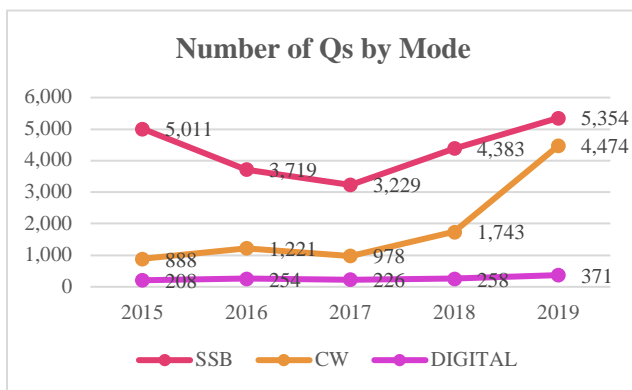
### Q Ratios/Number of Qs by Mode

A breakdown of QSOs by mode, based on data in logs received, shows 4,474 on CW, 5,354 on SSB, and 371 on DIGITAL—almost exclusively RY.

The CW total (4,474) was 156.7% higher than a year ago, and comprised 3,443 QSOs by BC stations and 1,031 QSOs by stations outside BC. The CW ratio (number of CW QSOs as a percentage of all QSOs in all submitted logs) surged 16.6 points, to 43.9%.

Despite tremendous gains for CW, SSB remained the most productive and popular mode overall. Of total SSB QSOs (5,354), 4,821 were logged by BC stations and 533 by stations outside BC. The year-on-year increase in SSB QSOs was 22.2%, and the SSB ratio (number of SSB QSOs as a percentage of all Qs in submitted logs) continued to drop, settling at 52.4%, down 16.2 points. The downward change in the SSB ratio is roughly the same as the upward change in the CW ratio.

The number of DIGITAL QSOs (371) improved year on year, with 333 by BC stations and 38 by stations outside BC. But the DIGITAL ratio (number of DIGITAL QSOs as a percentage of all QSOs in submitted logs) slipped 0.4 point, to 3.6%. Might the inclusion of FT8 have boosted the DIGITAL count? Undoubtedly. But it was not a viable option in 2019.



\*Q ratio: Ratio of QSOs by mode to total QSOs in submitted logs



### Saturday vs. Sunday

BCQP 2019 was the second year of the two-day format. Sunday hours were again well-received. But how well? Individuals will know how the two days compared, if Sunday was better than Saturday or vice versa and if one mode attracted greater attention on one day more so than the other. Overall, however, which day saw more activity, and was activity evenly distributed across all modes or concentrated into one mode?

Extracting QSOs from submitted logs to see if BCQP 2019 was better attended on Saturday or on Sunday and trying to determine if one mode was more popular during the first segment or the second segment was rather time-consuming and cumbersome, but here is what a close examination of the extracted data revealed.

### Total QSOs: 10,199

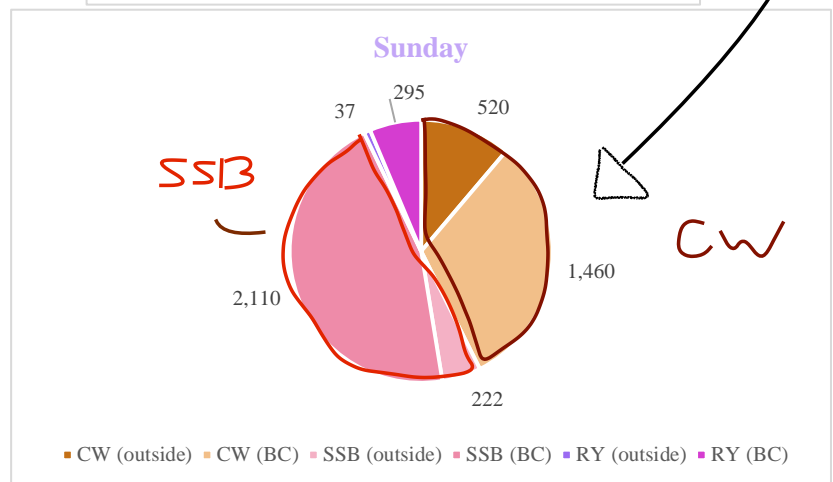
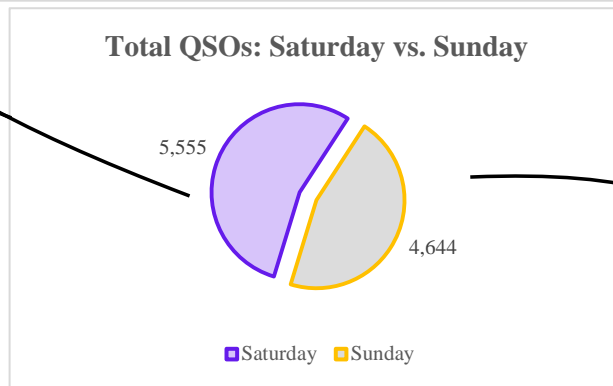
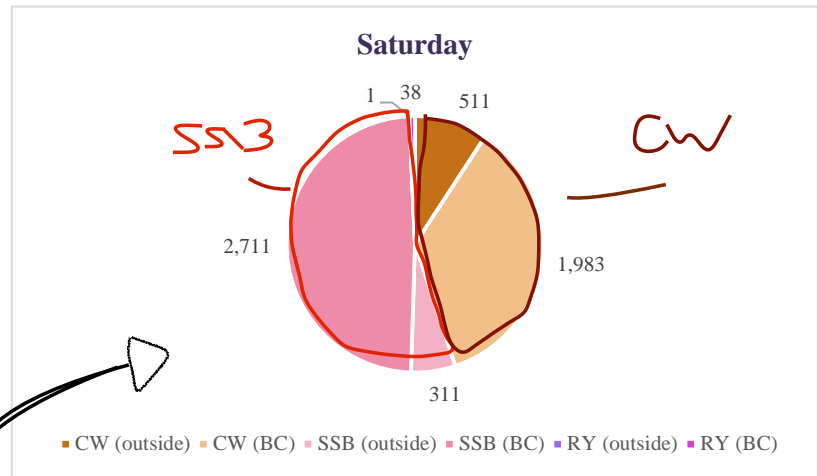
The total number of QSOs in submitted logs was 10,199, after deleting dupes and invalid QSOs largely due to busted callsigns and/or district/state input errors. Of the valid QSO count, 5,555 were logged on Saturday and 4,644 on Sunday.

Note that the Saturday segment runs for 12 hours (1600z to 0359z the next day (or 8am to 8pm, PST)) while the Sunday segment is shorter, at eight hours (1600z to 2359z (or 8am to 4pm PST)). A review of Saturday and Sunday operations, described in detail below, indicates that Saturday drew more activity on CW and SSB. But if the Sunday segment had been 12 hours long, CW and SSB totals might have been equal. Regardless, the data confirms that Sunday was well attended.

### Modes by Day

For CW, the two-day total was 4,474 QSOs, with 2,494 on Saturday and 1,980 on Sunday. Of the Saturday amount, 1,983 QSOs were in BC logs and 511 QSOs were in non-BC logs. Of the Sunday amount, 1,460 QSOs were in B C logs and 520 QSOs were in non-BC logs.

For SSB, the two-day total was 5,354 QSOs, with 3,022 on Saturday and 2,332 on Sunday. Of the Saturday amount, 2,711 QSOs were in BC logs and 311 QSOs were in non-BC logs. Of the Sunday amount, 2,110 QSOs were in BC logs and 222 QSOs were in non-BC logs.





For DIGITAL—essentially, RY—the two-day total was 371 QSOs, with 39 on Saturday and 332 on Sunday. Of the Saturday amount, 38 QSOs were in BC logs and only one QSO was in a non-BC log. Of the Sunday amount, 295 QSOs were in BC logs and 37 QSOs were in non-BC logs. Obviously, Sunday saw more RY activity, but it was apparently very tough to share the bands with participants in the XE RTTY Contest. The Mexican contest used to run 1800z to 1759z the next day—it was a 24-hour contest, which meant BCQP participants could enjoy some quiet RY time, from 1600z to 1800z, before XE RTTY started—but in 2018, the organizers changed the start and end times of the contest to create a 36-hour contest, and the extended hours (1200z to 2359z the next day), completely overlap with BCQP. Some BC operators persevered nonetheless, mainly on Sunday, but had to devise some novel Q-trading strategies.

### Outlook for BCQP 2020

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 2020 or how conditions will be interpreted by individual operators on event day. However, band conditions are unlikely to be dramatically better, and given the huge impact that band conditions have played over the past few years, operators will have to adjust their strategies to effectively turn challenges into opportunities and maximize potential.

It’s always the organizing committee’s objective to encourage greater participation from operators throughout British Columbia—because the party just doesn’t happen without BC operators—so the special certificates for top score in each electoral district of BC will continue to be offered in 2020, along with certificates for top scores for BC and non-BC stations in each regular category of entry and top scores in each category in each state/province/DX entity as warranted, with the requirement of at least 10 valid QSOs. These tangible rewards will, of course, be complemented by the plaque program, which is facilitated through the generous support of plaque sponsors.

The Sunday segment is obviously a welcome option and will be maintained. Alternate suggested frequencies for CW will remain in effect for Saturday evening, in case CW operators wish to stay on the air despite the frustration caused by NA Sprint CW.

The idea to have Yukon join BCQP as a special guest and operate the same way BC stations do, contacting anyone anywhere, will be a test to gauge participation in YT and to see if invitations to other neighboring provinces or states might promote greater activity in those locations, too. Details for the inclusion of YT in BCQP in 2020 will be released when the promotion bandwagon starts rolling in November 2019.

**Saturday/Sunday: 1600z Feb 1 - 0359z Feb 2 AND**

**Sunday: 1600z Feb 2 - 2359z Feb 2**

February 2020						
S	M	T	W	T	F	S
26	27	28	29	30	31	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29



For a detailed breakdown of scores, please visit the Results page in the BCQP section of the Orca DXCC website.

🏆 indicates YL

Callsigns in **bold** are top-category certificate winners; *italics* indicate sponsored plaque winners; \* denotes district award in BC and high score in US state/Canadian province other than BC/DX entity

### Results: BC

Callsign	Category	District	Total QSOs	Mults	Bonus	Total Score	Club
<b>VE7UF*</b>	MOHP MIXED	NPR	1,479	368	80	1,448,528	Orca DXCC
<i>VE7TI*</i>	MOHP MIXED	SWR	1,325	329	100	1,091,964	Orca DXCC
VA7ODX	MOHP MIXED	DEL	845	264		596,112	Orca DXCC
VE7SCC	MOHP MIXED	CPC	615	135	60	173,400	CARESS
<b>VE7FO*</b>	MOHP CW	VAQ	398	125	100	201,196	Orca DXCC
<b>VE7NWZ*</b>	MOHP PH	SBV	63	22		2,772	Terrace Amateur Radio Club
<b>VE7SAR*</b>	MOLP MIXED	SUN	545	231	100	415,900	Surrey ARC
<b>VE7KW*</b>	SOHP MIXED	CPC	600	200	60	349,260	Orca DXCC
<i>VE7BC</i>	SOHP MIXED	SUN	550	142	60	162,792	Orca DXCC
VE7ACN	SOHP MIXED	BNS	80	53	40	15,092	Orca DXCC
VE7CV*	SOHP MIXED	KTC	65	55	40	12,140	Orca DXCC
VE7NZ	SOHP MIXED	CPC	37	44	60	5,076	Orca DXCC
<b>VE7XF</b>	SOHP CW	NPR	207	104	60	86,172	Orca DXCC
VA7RN*	SOHP CW	COA	123	58	20	28,556	Orca DXCC
<b>VA7VF</b> 🏆	SOHP PH	NPR	165	55		18,150	Orca DXCC
<b>VE7VR*</b>	SOLP MIXED	BUS	170	99	80	52,154	Orca DXCC
VE7AHT*	SOLP MIXED	DEL	137	93	80	41,930	Delta ARS
VA7EU*	SOLP MIXED	BNS	74	64	20	17,172	
VE7BGP*	SOLP MIXED	NAL	23	26	20	2,308	Nanaimo Amateur Radio Association



Callsign	Category	District	Total QSOs	Mults	Bonus	Total Score	Club
VE7XFJA	SOLP MIXED	NPR	3	6		48	Comox Valley Amateur Radio Club
VE7KAJ	SOLP MIXED	SGI	checklog				Orca DXCC
<b>VE7JKZ*</b>	SOLP CW	SGI	275	125	40	137,540	Orca DXCC
VA7ST*	SOLP CW	KEL	244	115	60	112,300	Orca DXCC
VE7DDG*	SOLP CW	RIC	117	64	40	29,992	Orca DXCC
VE7YL👉	SOLP CW	RIC	130	52	20	27,060	Orca DXCC
VA7QCE👉*	SOLP CW	STR	41	26	40	4,304	Orca DXCC
VA7VK*	SOLP CW	ESQ	31	27		3,348	
VE7CA*	SOLP CW	NVA	17	7	20	496	
<b>VE7EF*</b>	SOLP PH	WVS	89	47	20	8,386	
VA7YJJ*	SOLP PH	CML	47	28	20	2,652	
VE7KPM	SOLP PH	SGI	25	19	40	990	
VE7KX*	SOLP PH	NWB	27	17	40	958	
VA7MD	SOLP PH	DEL	22	18	40	832	Delta ARS
VA7KBM	SOLP PH	VAK	4	5		40	
VE7CNW	SOLP PH	COA	5	4		40	
<b>VE7NI</b>	SO QRP CW	KTC	19	15		1,140	

### Teams

Note: 👉 indicates YL op

VE7SAR VA7XB VA7FMR VA7OM VA7VJ VE7ADA VE7CZV VE7GMP VE7KGK VE7TI  
 VE7TI VA7QD👉 VA7NF VA7NLF👉 VE7ACN VE7GMP VE7IO VE7TI  
 VE7NWZ VA7MNV VA7WLR VE7ECK VE7EDT VE7EWX VE7SWW VE7SXS  
 VA7ODX VA7BEC👉 VA7KO  
 VE7UF VA7FC VE7JH VE7UF  
 VE7SCC VA7ADI VA7NR VA7UNX VE7RME VE7YBH  
 VE7FO VE7FO VA7GI



### Results: Outside BC

Callsign	Category	District	Total QSOs	Mults	Bonus	Total Score	Club
<b>N1SOH*</b>	MOLP MIXED	MA	36	27	60	3,354	Yankee Clipper Contest Club
<b>VE9BRY*</b>	MOLP CW	NB	10	9	20	380	Club Radio Amateur du Madawaska
K5LSU	MOLP CW	LA				checklog	Amateur Radio Society at La. State Univ.
<b>W1NVT*</b>	MOHP PH	VT	12	9	20	236	Radio Amateurs of Northern Vermont
<b>K0ARF</b>	MOLP PH	MN	6	4	40	88	St. Cloud ARC
<b>N8II*</b>	SOHP MIXED	WV	69	56	100	12,420	Potomac Valley Radio Club
WB8WKQ*	SOHP MIXED	MI	68	53	160	11,714	Mad River Radio Club
K5CM*	SOHP MIXED	OK	47	37	80	6,518	
<b>CE2SV*</b>	SOHP MIXED	DX	39	30	60	4,020	BC DX Club
K4BAI*	SOHP MIXED	GA	32	30	60	3,480	South East Contest Club
K3IE*	SOHP MIXED	TN	27	24	40	2,248	
W8CAR*	SOHP MIXED	OH	26	23	40	1,972	North Coast Contesters
K4RUM*	SOHP MIXED	NY	15	15	60	870	
JH2RMU*	SOHP MIXED	DX	16	13	20	748	
N7WY*	SOHP MIXED	MO	14	13	40	612	Society of Midwest Contesters
W6IA*	SOHP MIXED	CA	15	13	40	482	Northern California Contest Club
NX6T	SOHP MIXED	CA	11	11	20	416	San Diego Contest Club
W0BH	SOHP MIXED	KS	8	8		208	
W7ON	SOHP MIXED	AZ	8	6	20	140	Classic Operators Contest Club
<b>VE3NNT*</b>	SOHP CW	ON	44	35	60	6,220	
N5SJ*	SOHP CW	NM	21	19	40	1,636	New Mexico VHF Society
W8IQ*	SOHP CW	OH	19	13	20	1,008	
VE3JF	SOHP CW	ON	13	10	20	540	Contest Club Ontario
N7EPD*	SOHP CW	WA	10	10		400	Pacific Northwest VHF Society



Callsign	Category	District	Total QSOs	Mults	Bonus	Total Score	Club
W1AJT	SOHP CW	NC	9	8		288	Carolina DX Association
N1NN	SOHP CW	MA	8	7	20	244	
K6TET	SOHP CW	CA	7	7	20	216	
K9NW	SOHP CW	IN	6	6		144	
JO7KMB	SOHP CW	DX	5	5		100	
VK2ALR	SOHP CW	DX	2	2		16	
<b>KF8MZ</b>	SOHP DIGITAL	OH	2	2		16	
<b>K2RYD*</b>	SOHP PH	NY	13	9	20	254	Great South Bay Amateur Radio Club
KE4YOG	SOHP PH	NC	9	7	20	146	
W4KW	SOHP PH	TN	9	7	20	146	Tennessee Contest Group
N5QIM	SOHP PH	OK	9	7		126	
N1FR	SOHP PH	ME	7	4	20	76	
NW6W	SOHP PH	CA	4	4		32	Cal Poly Amateur Radio Club
KH6/ VE7AHA	SOHP PH	HI	3	3		18	BC DX Club
<b>N7RO*</b>	SOLP MIXED	WA	50	43	80	6,960	Orca DXCC
W7DEQ	SOLP MIXED	WA	36	30	60	4,020	Orca DXCC
W4UT*	SOLP MIXED	TN	33	28	80	3,104	Tennessee Contest Group
VE3WG*	SOLP MIXED	ON	30	27	40	2,902	Contest Club Ontario
N6OIL*	SOLP MIXED	CA	31	27	60	2,382	
VE3LVW	SOLP MIXED	ON	26	22	40	1,976	Contest Club Ontario
WA2JQK*	SOLP MIXED	NY	25	21	40	1,888	Hudson Valley Contesters and DXers
VA6RCN*	SOLP MIXED	AB	22	20	40	1,480	Contest Club Ontario
K0JPL*	SOLP MIXED	MO	21	17	40	1,264	Mississippi Valley DX/Contest Club
K2TV	SOLP MIXED	NY	17	17	40	1,128	Great South Bay Amateur Radio Club
K5IB*	SOLP MIXED	TX	19	16	40	1,128	





Callsign	Category	District	Total QSOs	Mults	Bonus	Total Score	Club
K6PB	SOLP MIXED	CA	17	15	20	980	
WA0LIF*	SOLP MIXED	MN	19	15	20	980	
VA3RKM	SOLP MIXED	ON	16	15	20	920	Contest Club Ontario
KC0ZCX*	SOLP MIXED	CO	13	11	20	570	
W6SFI	SOLP MIXED	CA	12	11	20	482	
AA7TV*	SOLP MIXED	MT	11	11	20	394	
K4VBM*	SOLP MIXED	GA	10	9	60	384	Georgia Contest Group
W1ARY	SOLP MIXED	CT	9	9	20	344	
W4SNF (VE3AYR)	SOLP MIXED	FL	9	8	20	292	Contest Club Ontario
WA2JQZ	SOLP MIXED	CO	8	8	20	276	
W8KNO	SOLP MIXED	OH	6	6		132	Mad River Radio Club
K3MAW	SOLP MIXED	MD	5	4		56	Potomac Valley Radio Club
AB1ZQ	SOLP MIXED	VT	3	3		24	
<b>AD5VC*</b>	SOLP CW	LA	23	19	40	1,788	
W1END*	SOLP CW	NH	21	17	20	1,448	Yankee Clipper Contest Club
K9CW*	SOLP CW	IL	20	15	20	1,220	Society of Midwest Contesters
NC6V*	SOLP CW	CA	15	13	20	800	
WB9HFK	SOLP CW	IL	14	13	20	748	
KN4Y*	SOLP CW	FL	14	11	20	636	
KC6KGL	SOLP CW	CA	13	11	20	592	
VE6BBP*	SOLP CW	AB	12	11	20	548	
K6KQV	SOLP CW	CA	11	9	20	416	Northern California Contest Club
KF3G*	SOLP CW	PA	10	9	20	380	
K7ZYV*	SOLP CW	MS	11	8		352	
N0PP	SOLP CW	IA	7	6		168	



Callsign	Category	District	Total QSOs	Mults	Bonus	Total Score	Club
K9GDF	SOLP CW	WI	6	5		120	
WA3AAN	SOLP CW	PA	4	4	20	84	Frankford Radio Club
N4DLR	SOLP CW	OH	5	4		80	
K4ORD	SOLP CW	VA	4	4		64	Potomac Valley Radio Club
K8SIA	SOLP CW	MI	4	4		64	
WQ6X	SOLP CW	CA	3	3		36	Motherlode DX Contest Club
JM8LND	SOLP CW	DX	2	2		16	
AG7CC	SOLP CW	ID	1	1		4	
W7GF	SOLP CW	OR	1	1		4	
NZ1D	SOLP CW	FL	checklog				
<b>WB2COY</b>	SOLP DIGITAL	NY	5	5	20	120	
K6MUG	SOLP DIGITAL	CA	4	4	20	84	Southern California Contest Club
NQ4K	SOLP DIGITAL	VA	3	2	20	44	Sterling Park Amateur Radio Club
KC2WUF	SOLP DIGITAL	NJ	3	3		36	
KN5S	SOLP DIGITAL	TX	1	1		4	Coyote Amateur Radio Club
W4JHU	SOLP DIGITAL	NC	1	1		4	
N8FYL	SOLP DIGITAL	MI	checklog				Mad River Radio Club
<b>NW5Q*</b>	SOLP PH	TX	18	15	60	600	DFW Contest Group
N0ZTO*	SOLP PH	CO	12	10	40	280	
AG6AG*	SOLP PH	CA	10	9	20	200	Ventura County Amateur Radio Society
N6ZE*	SOLP PH	CA	10	9	20	200	Ventura County Amateur Radio Society
N7MZW*	SOLP PH	WY	10	9	20	200	Grand Mesa Contesters of Colorado
AE7UP* (VA7IQ)	SOLP PH	AZ	10	8	20	180	
KM5JV	SOLP PH	TX	10	8		160	
AI4DB	SOLP PH	TN	8	7	20	132	Tennessee Contest Group



Callsign	Category	District	Total QSOs	Mults	Bonus	Total Score	Club
K1AUS	SOLP PH	MT	8	7	20	132	
KR4NO	SOLP PH	SC	9	6	20	128	
W4MF	SOLP PH	TN	8	8		128	
W5TCB	SOLP PH	AR	7	5	20	90	
KM4IAJ	SOLP PH	VA	6	5	20	80	
K0RJW	SOLP PH	MN	5	4	20	60	Minnesota Wireless Assn
AJ4LN	SOLP PH	VA	4	4	20	52	Sterling Park ARC
W7KAM	SOLP PH	MO	4	4	20	52	Society of Midwest Contesters
AB1EP	SOLP PH	ME	3	3	20	38	
VE9RLW	SOLP PH	NB	3	3	20	38	
N7FLT	SOLP PH	MT	4	4		32	Big Sky Contesters
W7CH	SOLP PH	WA	4	4		32	
KD2JQG	SOLP PH	NY	1	1	20	22	
KB7MBV/4	SOLP PH	FL	3	3		18	Clark County ARC
N5JDT	SOLP PH	NM	3	3		18	
W5SCB 🤖	SOLP PH	OK	3	2		12	
AA5DE	SOLP PH	TX	2	2		8	
K7JKM	SOLP PH	OR	2	2		8	
K7MKL	SOLP PH	MN	2	2		8	Minnesota Wireless Assn
JJ5JLD	SOLP PH	DX	1	1		2	
KC5DCT	SOLP PH	TX	1	1		2	
VE1TWM	SOLP PH	NS	1	1		2	
W6RT	SOLP PH	CA	1	1		2	Bishop Amateur Radio Club
K0DAJ	SOLP PH	SD	1	1		2	
W7CO	SOLP PH	OR	1	1		2	Willamette Valley DX Club



Callsign	Category	District	Total QSOs	Mults	Bonus	Total Score	Club
K9EMF	SOLP PH	IL	checklog				
KU5Y	SOLP PH	TX	checklog				
<b>VY1KX*</b>	SO QRP MIXED	YT	24	21	40	1,846	Orca DXCC
N6MA*	SO QRP CW	AZ	25	20	20	2,020	
W6MZ*	SO QRP CW	CA	16	14	20	916	
N3GD*	SO QRP CW	FL	15	13		780	
KI4MZC*	SO QRP CW	GA	13	13	40	716	
KE6MT	SO QRP CW	CA	3	3		36	

### Teams

VE9BRY VE1MAM VE9LYZ VE9RMO N1HYP VE9BEL

N1SOH N1SOH W1FM

W1NVT AA1SU KE1AZ KI5ISF W1SJ

K0ARF N0UV K0SV

K5LSU AD5VC N4CTM KG5YZM W5VPI and one unlicensed student