

# Virginia QSO Party 2025

## Pre-Party Briefing

5 March 2025

Sterling Park Amateur Radio Club (SPARC)

[http://www.qsl.net/sterling/VA\\_QSO\\_Party/QSOParty.htm](http://www.qsl.net/sterling/VA_QSO_Party/QSOParty.htm)

Gordon Miller, NQ4K; Larry Wright, W8ANT

31 Jan 25. Updated with remote stations and bonus stations.

5 March 25. Added 2025 certificate.

1 Feb 25. Updated plaques

17 Feb 25. Misc minor updates

28 Feb 25: Updated plaque sponsors



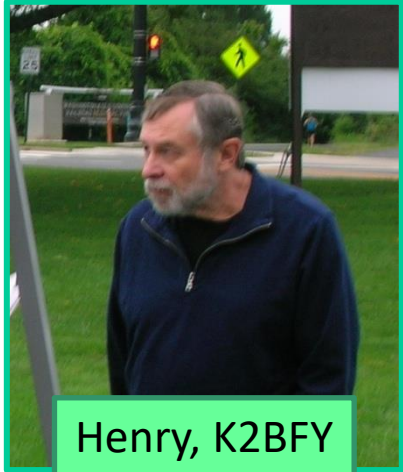
# Topics

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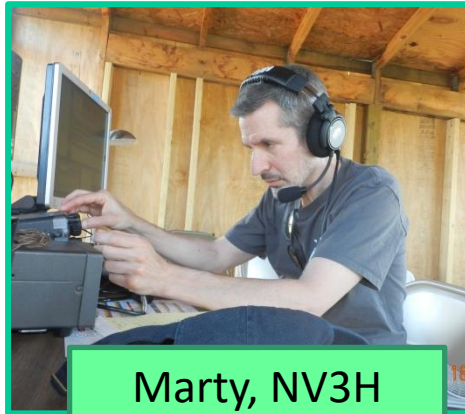


- Hams who helped
- Interesting Insights
- Rules
- Meta-Analysis of the 2023 QSO Party
- Certificates
- All Time High Scores
- Plaque Awardees

# 2025 VQP Committee (1 of 2)



Henry, K2BFY  
E-Scoring SW



Marty, NV3H  
On-line Log Portal



Eric, AJ4LN  
E-Log scoring



Evan, KM4SK  
Outreach



John, KX4O  
Plaque scoring



Barry, KD4BK  
Certificate Titles

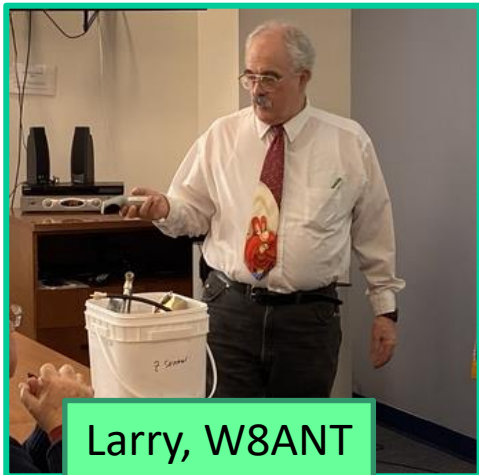


Gordon, NQ4K  
Coordination

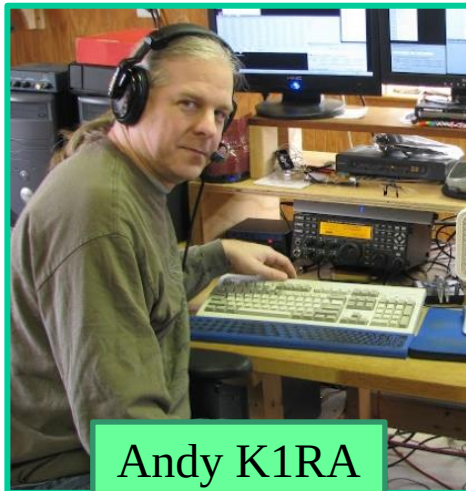


Conrad, N4ZQA  
Quality Control

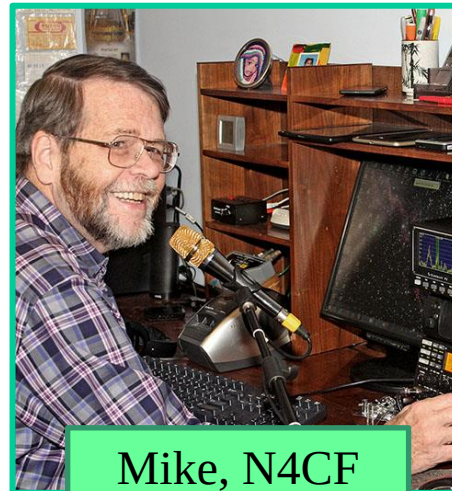
# 2025 VQP Committee (2 of 2)



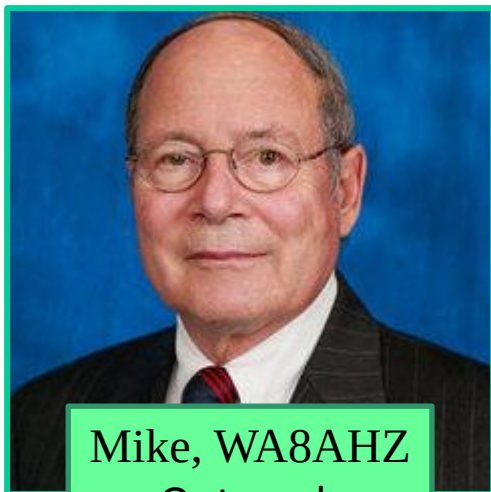
Larry, W8ANT  
Presentations



Andy K1RA  
APRS Tracker



Mike, N4CF  
Call History File



Mike, WA8AHZ  
Outreach



# 2025 VaQP Plaques (1 of 2)



| 2025 Virginia QSO Party Plaque Sponsorship<br>(as of 28 February 2025)             |                                   |
|------------------------------------------------------------------------------------|-----------------------------------|
| Plaque                                                                             | 2025 Sponsor                      |
| <b>Plaques for only to Virginia Stations</b>                                       |                                   |
| Virginia Single Operator High Power                                                | Shenandoah Valley ARC             |
| Virginia Single Operator Low Power                                                 | EasyWayHamBooks.com               |
| Virginia Single Operator Phone High Power                                          | Shenandoah Valley ARC             |
| Virginia Single Operator Phone Low Power                                           | Morgan Phenix, K4RHD              |
| Virginia Single Operator Phone/Mixed QRP                                           | Alexandria Radio Club             |
| Virginia Single Operator CW High Power                                             | Loudoun Amateur Radio Group       |
| Virginia Single Operator CW Low Power                                              | Loudoun Amateur Radio Group       |
| Virginia Single Operator CW QRP                                                    | Roanoke Valley Amateur Radio Club |
| <i>Virginia Single Operator One Receiver CW HF-Only</i>                            | Northern Neck Amateur Radio Club  |
| <i>Virginia Single Operator One Receiver SSB HF-Only</i>                           | Northern Neck Amateur Radio Club  |
| Virginia Mobile Single Operator Single Transmitter                                 | TBD                               |
| Virginia Mobile Multiple Operator Single Transmitter                               | TBD                               |
| Virginia Rover Single Operator Single Transmitter                                  | Kevin Maxson                      |
| Virginia Rover Multiple Operator Multiple Transmitter                              | Potomac eCycle LLC                |
| Virginia Expedition                                                                | Robert Harvey, K2PI               |
| Virginia Club Combined Score                                                       | Vienna Wireless Society           |
| Virginia Club Merged Score - VA QSOs (Formerly Virginia Club - Virginia QSOs Only) | www.hamradio.me                   |
| Virginia Fixed Multiple Operator Single Transmitter                                | Andy Zwirko K1RA / KW4VA          |
| Virginia Fixed Multiple Operator Multiple Transmitter                              | TBD                               |



# 2025 VaQP Plaques (2 of 2)



| Plaque                                                         | 2025 Sponsor                                         |
|----------------------------------------------------------------|------------------------------------------------------|
| <b>Plaques for any Single Operator Station</b>                 |                                                      |
| Single Operator VHF Only                                       | Richmond Amateur Telecommunications Society          |
| Single Operator Novice/Tech/Rookie                             | Richmond Amateur Radio Club                          |
| Single Band                                                    | Vienna Wireless Society                              |
| Single Operator Virginia Counties/Independent Cities Contacted | Tom Zeltwanger, KG3V                                 |
| Single Operator Virginia QSOs Only                             | <a href="http://www.hamradio.me">www.hamradio.me</a> |
| Single Operator Digital Mode                                   | John Heartney, KG4NXT                                |
| Single Operator Youth                                          | USS Wisconsin Radio Club                             |
| <b>Plaques for Stations Outside of VA</b>                      |                                                      |
| Outside Virginia Single Operator                               | Alexandria Radio Club                                |
| Outside Virginia Phone/Mixed QRP                               | Rappahannock ARA                                     |
| Outside Virginia Single Operator CW QRP                        | In Memory of Don Baucom, K4YND (SK)                  |
| DX Station                                                     | North Shenandoah DX Association                      |

# VQP Significant Contributors

## John, KX4O, VQP Spotting Network



John, KX4O, provides the  
VQP spotting network.  
<http://www.qsoparty.com/>

Start | 3860.00 LSB Manu... | QSO Party and ... | 4:23 PM

File Edit View History Bookmarks Tools Help

K4NVA Welcome Page x http://www.qsl...es&Cities.html x QSO Party and Operating Ev... x +

www.qsoparty.com

### QSO Party and Operating Events DX Cluster

A standalone DX Cluster for use of QSO Parties and Operating Events

DXSpider Telnet Access [spots.qsoparty.com](http://spots.qsoparty.com) port 7300  
Suggest put county/city abbr in comments  
Ex. dx kx4o/m FAU optional text  
Enter Web Spots [Here](#) - Account Required  
[Create or Update Account](#)  
Locate mobile stations: [VaQP APRS Mobile Tracker](#)

| freq         | call     | time  | age        | comments                                 | spotter  |
|--------------|----------|-------|------------|------------------------------------------|----------|
| 7225         | KW4VA    | 2017Z | 5 min ago  | LSB                                      | <AJ4LN>  |
| 146520       | KN4GDQ/M | 2017Z | 5 min ago  | PRW                                      | <KX4O>   |
| 446000       | KN4GDQ/M | 2016Z | 6 min ago  | PRW Fresh meat.                          | <KX4O>   |
| 7243         | VA3QWW   | 2014Z | 8 min ago  | LSB                                      | <AJ4LN>  |
| 3805         | KE4WLL   | 2008Z | 14 min ago | LSB                                      | <AJ4LN>  |
| 3825         | K2SDS    | 2008Z | 14 min ago | LSB                                      | <AJ4LN>  |
| 3810         | NU3K     | 2008Z | 14 min ago | VA QSO Party PA LSB                      | <N4PD>   |
| 3832         | WV8SM    | 2007Z | 15 min ago | LSB                                      | <AJ4LN>  |
| 3844         | K3CCR    | 2007Z | 15 min ago | LSB                                      | <AJ4LN>  |
| 3861         | W4GO/M   | 2007Z | 15 min ago | PBX LSB                                  | <KX4KU>  |
| 3856         | KW4VA    | 2007Z | 15 min ago | LSB                                      | <AJ4LN>  |
| Announcement |          | 2004Z | 17 min ago | N3BA/M is probably in noise... knowing A | <KX4O>   |
| 3865         | NB3A/M   | 2003Z | 19 min ago | ARL Arlington, but very weak.            | <KX4O>   |
| 3861         | W4GO/M   | 1957Z | 25 min ago | Moved to PBX                             | <KX4O>   |
| 3828         | W4COV    | 1954Z | 28 min ago | CVX - Sorry for previous error           | <KX4O>   |
| 3865         | NB3A/M   | 1952Z | 30 min ago | ARL                                      | <KJ4E00> |
| 3820         | AE4TH    | 1952Z | 30 min ago | HAX                                      | <AA2FD>  |
| 3828         | W4COV    | 1952Z | 30 min ago | COV Covington                            | <KX4O>   |
| 3865         | NB3A/M   | 1949Z | 33 min ago | ALX Alexandria                           | <KX4O>   |
| 3861         | W4GO/M   | 1944Z | 38 min ago | PRG                                      | <N4RP>   |
| 146580       | KK4UYX/M | 1943Z | 39 min ago | CLA                                      | <KX4O>   |
| 3860         | K4G/M    | 1942Z | 40 min ago | RAP                                      | <N4RP>   |
| Announcement |          | 1938Z | 43 min ago | 222, the band that time forgot.          | <KX4O>   |
| 7246         | K7CS     | 1938Z | 44 min ago | IL                                       | <N4RP>   |
| 146580       | K4G/M    | 1932Z | 50 min ago | RAP                                      | <KX4O>   |
| 3861         | W4GO/M   | 1929Z | 53 min ago | HAY 15 MINS NVT CNTY                     | <KJ4E00> |

# VQP Significant Contributors

## Andy K1RA, APRS Mobile County Tracker

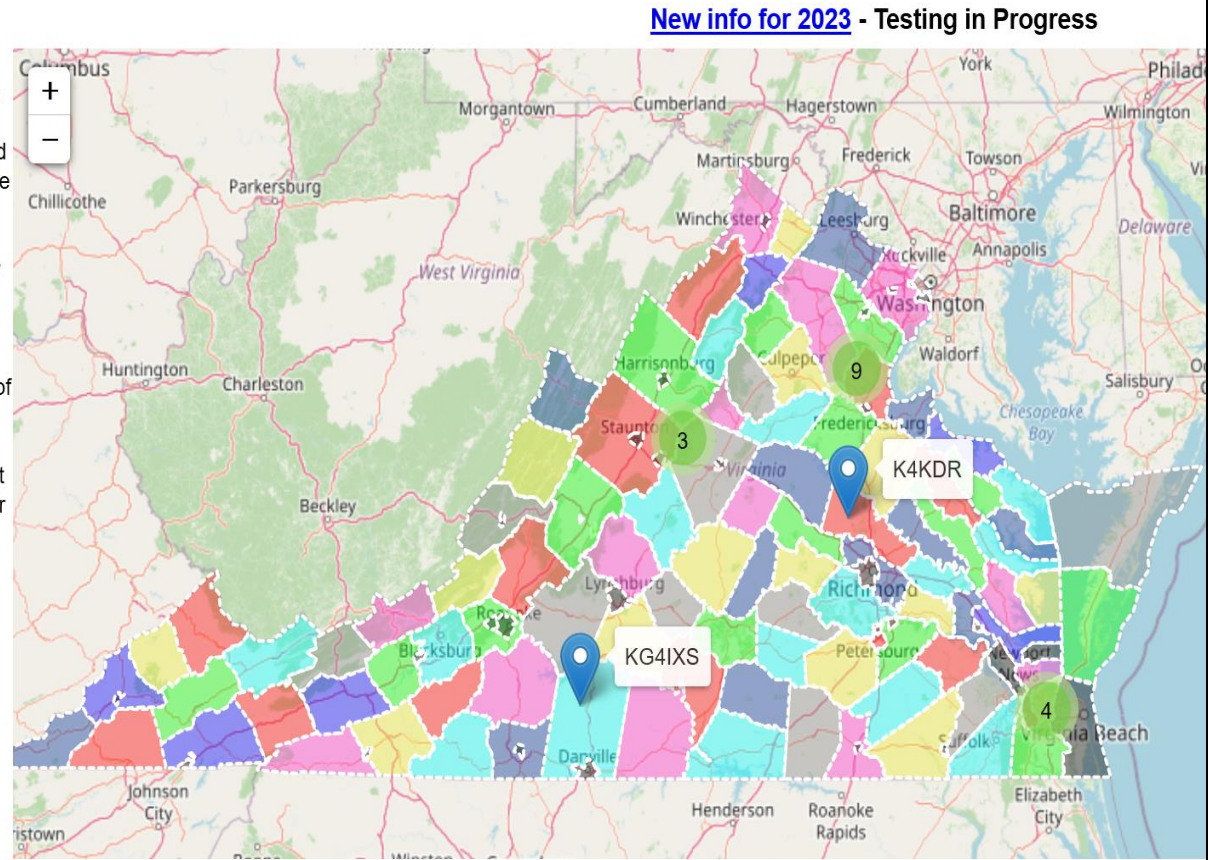


To track your mobile/rover, send email to **k1ra@k1ra.us** with APRS callsign.



Andy K1RA

New text view with Calls, C&I and Age in the right column. Currently showing ALL VA APRS stations of form CALL-n. Aging out calls after 240 seconds of no activity.



<https://k1ra.us/vaqp-aprs/>

# VQP Significant Contributors

## Mike, N4CF, Call History File



Mike, N4CF, generates a call history file from the largest logs submitted last year.

<http://n4cf.mdodd.com/vaqp-ch.html>

Updated for 2023

!!Order!!,Call,Exch1

LY2JJ,LY

RT5G,UA

RA6CA,UA

K1RZ,MD

KK4ZUU,FFX

W4VIG,FRE

OG2W,OH

VE1OP,NS

R5AJ,UA

N4RP,FAU

W4VA,FAU # ALT --> W4VA 1

K2PI,FAU

W4GO,FAU

NP2P,KP2

OH6NC,OH

K4NDN,RHM

W4AKO,FAU

W1DWA,MA

KD4SV,FAU

KV4XZ,CUL

W8BT,FAU

KK4RUR,FAU

# 2024 VQP Significant Contributors

Mike, WA8AHZ, VA Section Affiliated Club Coord.

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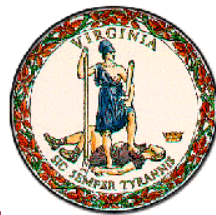
Mike, WA8AHZ

- Promoting VaQP throughout Virginia via interaction with Virginia ARRL Affiliated clubs.
- Encouraging efforts to get additional coverage via rovers to less covered areas of Virginia.



# State QSO Party Challenge Impact on VQP

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- Goal:
  - Recognize participation in State/ Province QSO Parties.
    - 47 contests
  - Scoring:
    - Total number of contacts X
    - Number of QSO Parties entered (at least 2 QSOs).
- Change in number of entries:

449 in 2019 to 721 in 2024

  - Covid “stay at home” should not be having a significant impact
  - State QSO Party Challenge still on
  - ???????

# 2024 Pre-Party Presentations



Alexandria Radio Club  
10 February 2024

# 2024 Pre-Party Presentations



Shenandoah Valley Amateur Radio Club  
16 February 2024

No Picture

Richmond Amateur Telecommunications Society  
16 February 2024

# 2024 Pre-Party Presentations



Quarter Century Wireless Association  
17 February 2024



Olde Virginia hams  
22 February 2024

# 2024 Pre-Party Presentations



Vienna Wireless Society  
9 March 2024

# 2024 Paper Log Scoring Party



## 2016 scoring party

Dick, 2YE; Gordon, NQ4K;  
Monte, KV4KS; Bill, K4UPE.



Paper logs almost gone.  
Expect a few to remain.

## No scoring party held.

|      |   |                |
|------|---|----------------|
| 2017 | - | 27 paper logs. |
| 2018 | - | 17 paper logs. |
| 2019 | - | 15 paper logs. |
| 2020 | - | 16 paper logs. |
| 2021 | - | 34 paper logs. |
| 2022 | - | 21 paper logs. |
| 2023 | - | 16 paper logs. |
| 2024 | - | 15 paper logs. |

# Virginia QSO Party

## 2025 Rules

### 2025 Rule Changes

- Allow remote operation
- Have bonus stations



# Rule Review

## Remote Operation

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An operator may operate a fixed station capable of remote operation.

The fixed station should be in Virginia.

The remote operator may be in Virginia or outside of Virginia.

There are no extra points awarded for a contact with a remote operator.



# Rule Review Bonus Stations

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The Sterling Park Amateur Radio Club will provide several bonus stations for the 2025 Virginia QSO Party.

The first QSO with a bonus station is worth 50 bonus points. Subsequent QSOs with the same station are worth 0 bonus points.

The bonus stations are:

AJ4LN, KK4AIA, KM4SK,  
NQ4K, W4KSN, and W8ANT

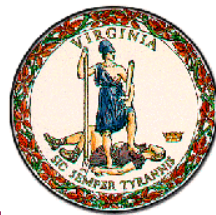
Bonus stations may self-spot on the VaQO spotting website  
<http://www.qsoparty.com>



# Rule Review

## Station Category - MOBILE

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An **ordinary everyday** station operating from a vehicle which is capable of operating while in motion and operates stationary in the same configuration,

- **i.e., able to travel at any time without having to disconnect any wiring or change any antennas in order to move.**
- A mobile station is self-contained and capable of legal motion (land, water or air) while operating.
- Commercial power may not be used.
- Contacts may be made while moving or stopped.
- **The driver counts as a station operator.**

The spirit

“A station designed for everyday use and not designed for contesting”

# Rule Review

## Station category - ROVER

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A vehicle-mounted designed for contesting and is not a mobile or expedition station.

- The rover may make contacts while stationary and/or while moving.
- The rover may change equipment and antenna configurations.
- The rover may operate from a vehicle and/or off a vehicle.
- The rover may or may not use commercial power.
- **The driver counts as a station operator.**

The spirit  
"A station designed for contesting."

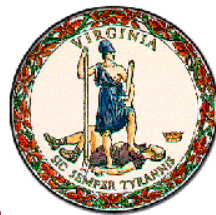




# Rule Review

## Station Category - EXPEDITION

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A station that moves between two or more Virginia non-permanent station locations.

- All radio equipment, power supplies and antennas must be transported to each operating site.
- Commercial power may be used.
- Mobile radios, equipment, and antennas installed in, on or attached to a vehicle wholly for normal mobile operation are not permitted to be used in this class.
- The vehicle may be used as part of the setup once stopped in the temporary location.
- An expedition may not make contest contacts (including contest QSO coordination) while moving regardless of origin or destination.

# Cabrillo Values

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- For Virginia Stations, mobiles, expeditions and rovers shall indicate LOCATION as VA MOBILE. For example:

LOCATION: VA MOBILE

- Use “/M” in callsign for Mobile, Rover, and Expedition in QSO data. This will give correct scoring.
- The CATEGORY-STATION shall be MOBILE, EXPEDITION, or ROVER. For example:

CATEGORY-STATION: MOBILE

CATEGORY-STATION: EXPEDITION

CATEGORY-STATION: ROVER



# Rule Review QSO Points

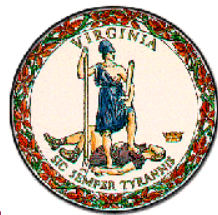
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- QSOs with mobiles, expeditions, and rovers are worth 3 points each.
- Previously,
  - Mobile QSOs were 3 points
  - Expedition QSOs were 1 or 2 points, the same as fixed stations.



# 2025 Rules Objective and Dates



To promote amateur radio activity in the  
95 VA Counties and  
38 VA Independent Cities.

Sat, 15 Mar, 1400 UTC – Sun, 16 Mar, 0400 UTC  
(Saturday, 10 AM – 12 Midnight local)

Sun, 16 Mar, 1200 UTC – 2400 UTC  
(Sunday, 8 AM – 8 PM local)



# 2025 Rules Entry Categories

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## Operator Categories

- Single Operator
- Multiple Operator

## Power Categories

- High (> 150 w)
- Low (150 w or less)
- QRP (5 w or less)

## Mode Categories

- Phone (SSB/FM)
- CW
- Digital (RTTY/PSK)
- Mixed

## Transmitter Categories

- Single Transmitter
- Multi-Transmitter

## Station Categories

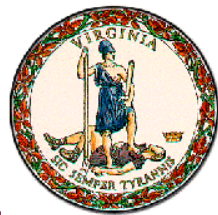
- Fixed Station
- Mobile
- Rover**
- Expedition

## Band Categories

- Multi-Band
- Single Band

## Club Entry

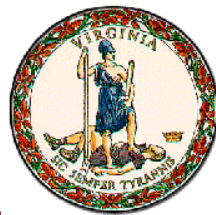
# 2025 Rules Valid Contacts



- VA stations work all stations.
- Out-of-State stations work VA stations only.
- Work fixed stations once per band/mode.
- Work VA Mobiles and Expeditions in each VA County or Independent City from which they operate.
- Stations on County or Independent City lines count as one QSO and only one County/Independent City multiplier.
- Mobile and Expedition stations use suffix in callsign.
- Satellite contacts allowed.
- No cross-mode or repeater QSO's.
- **Remote operation of stations is allowed.**
- Spotting nets, DX clusters, etc., may be used to locate other stations – Self-spotting is permitted.
- Logs with a significant number of QSOs with the same station will be categorized as check logs.

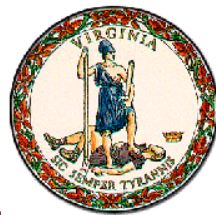


# 2025 Rules Exchange



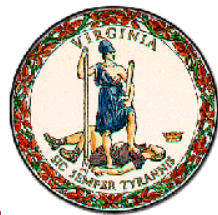
- QSO number and QTH
  - VA County or Independent City for VA stations
  - State, Province or DX Country for others
- VA Mobile and Expedition Stations log QSO's by VA Independent City or County of operation.
- Identify all QSO's with band, mode, sequential QSO number sent/received and date/time of contact in UTC.
- Please follow standard contest practices by making and responding to "CQ VA QSO Party" calls.
- Multiple Transmitter stations may maintain sequential QSO numbers independently for each transmitter.

# FT-8



- FT-8 mode allowed.
  - But QSOs must follow same rules as other modes.
- VQP requires serial number and QTH.
  - The serial is a sequential number.
    - NOT the 599 or the -16 used as a signal report.
  - The QTH is:
    - The three letter QTH abbreviations for VA counties and independent cities
    - The two letter abbreviations for states and Canadian provinces/ territories
    - "DX" for other foreign counties.
    - Maidenhead grid coordinates are not valid QTHs.
- **We know of no way for WSJT-X to do QSOs in the VQP.**
  - Free form text messages could work, but the number of people who know about and do this is very, very small.
  - We look forward to the day when WSJT-X includes support for the most basic of contest exchanges.

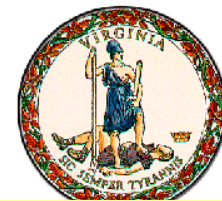
# 2025 Rules Scoring



- QSO Points
  - Phone 1 pt
  - CW 2 pts
  - Digital 2 pts
  - VA Mobile/Rover/Expedition 3 pts
- Multipliers
  - Multipliers are only counted once. VA Station multipliers are
    - VA counties and independent cities (133)
    - US States (49)
    - Canadian Provinces and Territories (13)
    - DX Countries
    - No DX multiplier for US (including AK, HI), VA and Canada
  - Mobile / Rover / Expedition stations that contact 10 or more different stations while operating from a county or independent city may claim it as a multiplier, if not otherwise worked.
  - Outside of VA station
    - VA Counties and Independent Cities



# 2025 Rules Scoring



- Bonus Points

- VA Mobile, Rover, and Expedition stations: 100 points for each VA County/Independent City from which they log a valid QSO.
- A QSO with a VW QSO Party Bonus station gives a one-time bonus of 50 points. Bonus stations are listed on the VaQP Web Site..

- Final score

QSO Points X Multipliers + Bonus Points



# 2025 Rules Entries



- Fixed, Expedition, Rover, and Mobile operations will be considered separately.
  - Please submit separate logs.
- Multiple OP stations should indicate all OPs by name / call sign.
- **Electronic (preferred)** or paper logs, summary and dupe sheets (200 or more QSO's) are required for all entries.
  - The summary and 'dupe sheet' requirements are waived if recognized contesting software is used.
- For Club Competition purposes, be sure to indicate club name on summary sheet and log.
- Submit entries by 15 April
  - Through on line portal
  - Email to [vqp@verizon.net](mailto:vqp@verizon.net)
  - Mail to the VA QSO Party, Call Box 599, Sterling, VA 20167
- A donation to help defray the costs of printing and mailing is encouraged.



# 2025 Rules Suggested Frequencies



- 160 meters and up, Except no WARC band QSO's permitted.
- CW - 1805 KHz and 50 KHz up from band edge on others.
- PHONE -1845, 3860, 7260, 14270, 21370 and 28370 KHz.
- Digital: Normally accepted sub-bands, e.g.,
  - RTTY: 3570 7080
  - PSK31: 3580 7070
- VHF –
  - 6M: CW/SSB: 50.130
  - 2M: SSB: 144.200 FM: 146.580
  - 1.25M FM: 223.500
- UHF –
  - 70cm 446.00 (FM)

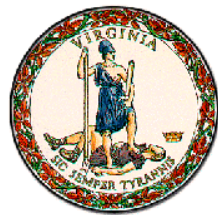


# 2025 Rules Awards

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- All participants submitting a log may receive a certificate.
  - Automatically mailed to all Virginia logs
  - Mailed to Non-Virginia stations if "CERTIFICATE: YES" in log
- Plaques are identified on the contest web site.



# Virginia QSO Party

Interesting Insights

# 2024 Plaque Competition Counts



**Still need  
more  
competition  
for some  
plaques!**

| Plaque                                                 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |
|--------------------------------------------------------|------|------|------|------|------|------|------|------|
| Virginia Mobile Multiple Operator Multiple Transmitter |      |      |      |      |      | 1    | 2    | 0    |
| Single Operator Digital Mode                           | 2    | 3    | 0    | 3    | 7    | 2    | 3    | 0    |
| Virginia Rover Multiple Operator Multi-Transmitter     |      |      |      |      |      |      | 0    | 1    |
| Virginia Mobile Multiple Operator Single Transmitter   | 0    | 4    | 2    | 3    | 9    | 3    | 3    | 3    |
| Single Operator Youth                                  |      | 7    | 4    | 1    | 3    | 3    | 1    | 6    |
| Virginia Rover Single Operator Single Transmitter      |      |      |      |      |      |      | 2    | 6    |
| Virginia Fixed Multiple Operator Multiple Transmitter  | 6    | 8    | 21   | 4    | 4    | 6    | 10   | 7    |
| Virginia Single Operator CW High Power                 |      | 13   | 5    | 9    | 37   | 8    | 6    | 9    |
| Outside Virginia Phone/Mixed QRP                       |      | 12   | 4    | 4    | 7    | 6    | 4    | 11   |
| Virginia Fixed Multiple Operator Single Transmitter    | 7    | 11   | 11   | 8    | 13   | 7    | 7    | 11   |
| Virginia Single Operator Phone/Mixed QRP               |      | 13   | 10   | 6    | 6    | 12   | 7    | 11   |
| DX Station                                             |      | 3    | 2    | 5    | 9    | 13   | 10   | 11   |
| Virginia Single Operator CW QRP                        | 3    | 14   | 3    | 7    | 4    | 4    | 4    | 12   |
| Virginia Expedition                                    | 2    | 3    | 7    | 4    | 6    | 6    | 10   | 16   |
| Outside Virginia Single Operator CW QRP                | 3    | 10   | 7    | 8    | 10   | 9    | 21   | 17   |
| Virginia Single Operator CW Low Power                  |      | 47   | 24   | 20   | 95   | 20   | 19   | 23   |
| Single Operator Novice/Tech/Rookie                     |      | 22   | 22   | 10   | 30   | 22   | 16   | 27   |
| Single Operator VHF Only                               |      | 18   | 15   | 22   | 18   | 2    | 19   | 27   |
| Virginia Single Operator One Receiver CW HF-Only       |      |      |      |      |      |      |      | 27   |
| Virginia Mobile Single Operator                        |      | 35   | 18   | 27   | 48   | 30   | 37   | 38   |
| Virginia Single Operator Phone High Power              |      | 28   | 18   | 33   | 24   | 38   | 26   | 44   |
| Virginia Single Operator High Power                    |      | 79   | 50   | 66   | 48   | 47   | 50   | 67   |
| Virginia Single Operator One Receiver SSB HF-Only      |      |      |      |      |      |      |      | 83   |
| Virginia Single Operator Phone Low Power               |      | 143  | 128  | 204  | 117  | 131  | 164  | 140  |
| Single Band                                            |      | 110  | 91   | 163  | 154  | 177  | 122  | 149  |
| Virginia Single Operator Low Power                     |      | 266  | 188  | 145  | 225  | 192  | 236  | 203  |
| Outside Virginia Single Operator                       |      | 167  | 195  | 317  | 358  | 378  | 334  | 362  |
| Single Operator Virginia Counties/Ind Cities Contacted |      | 390  | 425  | 601  | 650  | 655  | 615  | 698  |
| Single Operator Virginia QSOs Only                     |      | 390  | 425  | 601  | 650  | 655  | 615  | 698  |
| Virginia Expedition Unlimited                          |      |      |      |      |      | 1    | n/a  |      |
| Single Operator Young Adult                            | 1    | 1    | n/a  | n/a  | n/a  | n/a  | n/a  |      |

# Most Wanted Fixed Site / Logs



**22 counties/  
independent  
cities with no  
logs in past  
5 years**

**36 counties/  
independent  
cities with no  
logs in past  
2 years**

| QTH | No. logs<br>last 2 yrs | No. logs<br>last 5 yrs |
|-----|------------------------|------------------------|
| BCH | 0                      | 0                      |
| BRU | 0                      | 0                      |
| BVX | 0                      | 0                      |
| CCY | 0                      | 0                      |
| CHA | 0                      | 0                      |
| CLN | 0                      | 0                      |
| DIN | 0                      | 0                      |
| FRX | 0                      | 0                      |
| GAX | 0                      | 0                      |
| GOO | 0                      | 0                      |
| GRA | 0                      | 0                      |
| LEX | 0                      | 0                      |

| QTH | No. logs<br>last 2 yrs | No. logs<br>last 5 yrs |
|-----|------------------------|------------------------|
| LUN | 0                      | 0                      |
| MPX | 0                      | 0                      |
| NEW | 0                      | 0                      |
| NOT | 0                      | 0                      |
| NRX | 0                      | 0                      |
| PBX | 0                      | 0                      |
| PRG | 0                      | 0                      |
| SCO | 0                      | 0                      |
| TAZ | 0                      | 0                      |
| WIS | 0                      | 0                      |
| BHM | 0                      | 1                      |
| COX | 0                      | 1                      |

| QTH | No. logs<br>last 2 yrs | No. logs<br>last 5 yrs |
|-----|------------------------|------------------------|
| DAX | 0                      | 1                      |
| ESS | 0                      | 1                      |
| HAL | 0                      | 1                      |
| KWM | 0                      | 1                      |
| NHA | 0                      | 1                      |
| FCX | 0                      | 2                      |
| GIL | 0                      | 2                      |
| HIG | 0                      | 2                      |
| NEL | 0                      | 2                      |
| STX | 0                      | 2                      |
| WAX | 0                      | 2                      |
| GLO | 0                      | 4                      |

# 2020 VQP Analysis of Top Scorers

## Top 3 Single Operator Stations



High station was  
Low power.

Low power as  
good as high  
power in this  
contest

K1HTV  
advantage was  
CW and Mobile  
QSOs.

|                     | K1HTV      | W4GO/M       | K3SK        |
|---------------------|------------|--------------|-------------|
| Category Station    | FIXED      | MOBILE       | FIXED       |
| Category Power      | <b>LOW</b> | <b>HIGH</b>  | <b>HIGH</b> |
| Club                | FARA       | FARA         |             |
| QSO Points          |            |              |             |
| QSOs                | 902        | <b>2,121</b> | 1,101       |
| Ph (1 pt ea)        | 334        | 2,108        | 1,061       |
| CW (2 pt ea)        | <b>387</b> | 0            | 0           |
| VA Mobile (3 pt ea) | <b>181</b> | 13           | 40          |
| Bad                 | 7          | 18           | 0           |
| QSO Points          | 1,651      | 2,147        | 1,181       |
| Multipliers         |            |              |             |
| Counties            | 87         | 82           | 97          |
| States              | 42         | 36           | 47          |
| Provinces           | 6          | 2            | 8           |
| Countries           | 50         | 0            | 38          |
| City_County_10      | 0          | 17           | 0           |
| Total Mults         | 185        | 137          | 190         |
| Bonus Points        |            |              |             |
| Mobile_Counties     | ( 00) 0    | ( 35) 3,500  | ( 00) 0     |
| Score               | 305,435    | 297,639      | 224,390     |

W4GO/Mobile  
got high QSO  
count

Mobile stations  
able to contact  
same station  
many times.

Fixed stations  
needed to  
contact more  
**different**  
stations for high  
QSO count.

# 2021 VQP Analysis of Top Scorers in 4 single-transmitter categories



|                     | K1HTV          | K4SO           | W4GO            | N4CW            |
|---------------------|----------------|----------------|-----------------|-----------------|
| Category Station    | FIXED<br>1 Ops | FIXED<br>1 Ops | Mobile<br>1 Ops | MOBILE<br>2 Ops |
| Category Power      | LOW            | HIGH           | HIGH            | LOW             |
| Club                | FARA           | FARA           | FARA            | PVRC            |
| QSO Points          |                |                |                 |                 |
| QSOs                | 1,031          | 934            | 1611            | 1148            |
| Ph (1 pt ea)        | 285            | 0              | 1514            | 0               |
| CW (2 pt ea)        | 483            | 933            | 58              | 1148            |
| VA Mobile (3 pt ea) | 263            | 1              | 39              | 0               |
| Bad                 | 16             | 20             | 11              | 27              |
| QSO Points          | 2040           | 1869           | 1747            | 2296            |
| Multipliers         |                |                |                 |                 |
| Counties            | 84             | 54             | 71              | 22              |
| States              | 41             | 47             | 39              | 42              |
| Provinces           | 7              | 5              | 5               | 2               |
| Countries           | 61             | 46             | 5               | 7               |
| City_County_10      | 0              | 0              | 11              | 30              |
| Total Mults         | 193            | 152            | 131             | 103             |
| Bonus Points        |                |                |                 |                 |
| Mobile_Counties     | 0              | 0              | 4500            | 4,500           |
| Score               | 393,720        | 284,088        | 233,357         | 240,988         |

Low power beat  
high power again.

K1HTV  
\* High VA  
Mobile QSOs  
\* Drives up  
county mults

W4GO

\* Highest # QSOs  
\* Lowest QSO Pts  
Low CW count

N4CW

Highest QSO Pts

But lowest Mults

High 10 QSO  
mult rule



# 2022 VQP Analysis of Top Scorers

## Top Single Operator



|                     | K1HTV   | W4GO/M  | K4IA    | K2KW    |
|---------------------|---------|---------|---------|---------|
| Category Station    | FIXED   | MOBILE  | FIXED   | FIXED   |
| Category Power      | Low     | Low     | High    | High    |
| Club                | FARA    | FARA    | PVRC    | PVRC    |
|                     |         |         |         |         |
| QSO Points          |         |         |         |         |
| QSOs                | 910     | 1073    | 1075    | 861     |
| Ph (1 pt ea)        | 176     | 0       | 595     | 296     |
| CW (2 pt ea)        | 627     | 1071    | 469     | 561     |
| VA Mobile (3 pt ea) | 107     | 2       | 11      | 4       |
| Bad                 | 31      | 9       | 12      | 18      |
| QSO Points          | 1751    | 2148    | 1566    | 1430    |
|                     |         |         |         |         |
| Multipliers         |         |         |         |         |
| Counties            | 57      | 38      | 82      | 71      |
| States              | 31      | 41      | 44      | 45      |
| Provinces           | 6       | 5       | 6       | 7       |
| Countries           | 74      | 13      | 12      | 29      |
| City_County_10      | 0       | 22      | 0       | 0       |
| Total Mults         | 168     | 119     | 144     | 152     |
|                     |         |         |         |         |
| Bonus Points        |         |         |         |         |
| Mobile_Counties     | 0       | 2800    | 0       | 0       |
|                     |         |         |         |         |
| Score               | 294,168 | 258,412 | 225,504 | 217,360 |

Low power beat  
high power again.

Once again  
K1HTV  
\* High VA  
Mobile QSOs  
\* Drives up  
county mults

K1HTV  
• High  
number of  
countries  
drives up  
Total Mults



# 2022 VQP Analysis of Top Scorers

## Top Multiple Operators



|                     | W4VA    | N4CW    | KW4VA   | N4HB    |
|---------------------|---------|---------|---------|---------|
| Category Station    | FIXED   | MOBILE  | U. Exp  | FIXED   |
| Category Power      | High    | Low     | Low     | High    |
| Club                | FARA    | PVRC    | FARA    | RARA CG |
| Ops/Trans           | 8 / 3   | 2 / 1   | 2 / 2   | 2 / 1   |
| QSO Points          |         |         |         |         |
| QSOs                | 2303    | 1672    | 1284    | 1115    |
| Ph (1 pt ea)        | 1458    | 0       | 423     | 459     |
| CW (2 pt ea)        | 702     | 1669    | 789     | 649     |
| VA Mobile (3 pt ea) | 143     | 3       | 72      | 7       |
| Bad                 | 63      | 19      | 5       | 5       |
| QSO Points          | 3291    | 3347    | 2217    | 1778    |
|                     |         |         |         |         |
| Multipliers         |         |         |         |         |
| Counties            | 103     | 30      | 73      | 76      |
| States              | 48      | 39      | 40      | 43      |
| Provinces           | 7       | 5       | 3       | 5       |
| Countries           | 24      | 15      | 50      | 16      |
| City_County_10      | 0       | 51      | 2       | 0       |
| Total Mults         | 182     | 140     | 168     | 140     |
|                     |         |         |         |         |
| Bonus Points        |         |         |         |         |
| Mobile_Counties     | 0       | 6100    | 2100    | 0       |
|                     |         |         |         |         |
| Score               | 598,962 | 474,680 | 374,556 | 248,920 |

W4VA  
Really high  
QSO count

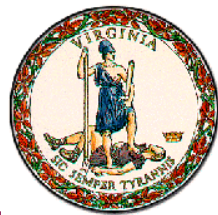
W4VA  
Really high VA  
County count

W4VA  
Really high  
score



# 2023 VQP Analysis of Top Scorers

## Top Multi-Multi Stations



|                     | KW4VA      | W4VA        |
|---------------------|------------|-------------|
| Category Station    | FIXED      | FIXED       |
| Category Power      | Low        | High        |
| Club                | FARA       | FARA        |
| Ops/Trans           | 2 / U      | 10 / U      |
| QSO Points          |            |             |
| QSOs                | 1692       | <b>2097</b> |
| Ph (1 pt ea)        | 855        | 1040        |
| CW (2 pt ea)        | 644        | 949         |
| VA Mobile (3 pt ea) | 193        | 108         |
| Bad                 | 24         | 55          |
| QSO Points          | 2722       | <b>3262</b> |
|                     |            |             |
| Multipliers         |            |             |
| Counties            | 114        | 117         |
| States              | 44         | 47          |
| Provinces           | 7          | 8           |
| Countries           | <b>93</b>  | 39          |
| City_County_10      |            |             |
| Total Mults         | <b>258</b> | 211         |
|                     |            |             |
| Bonus Points        |            |             |
| Mobile_Counties     |            |             |
|                     |            |             |
| Score               | 702,276    | 691,544     |

← **W4VA had more QSOs**

← **W4VA had more QSO pts**

← **Both has about same counties, states and provinces**

← **KW4VA has significantly more DX and higher mults**

**KW4VA has higher score**

Only 10,732 pts or 1.5 % difference

# 2024 VQP Analysis of Top Scorers

|                     | KW4VA   | N4CW    | N4HB    | K1HTV   | K4VIG     |
|---------------------|---------|---------|---------|---------|-----------|
| Category Station    | FIXED   | MOBILE  | FIXED   | FIXED   | FIXED     |
| Category Power      | High    | Low     | High    | Low     | Low       |
| Club                | FARA    | PVRC-VA | RARA-CG | FARA    | TN Valley |
| Ops/Trans           | 5/3     | 2/1     | 3/1     | 1/1     | 7/3       |
| QSO Points          |         |         |         |         |           |
| QSOs                | 2,023   | 1,669   | 1,249   | 982     | 1,284     |
| Ph (1 pt ea)        | 1,139   | 153     | 589     | 294     | 481       |
| CW (2 pt ea)        | 611     | 1514    | 621     | 5,608   | 777       |
| VA Mobile (3 pt ea) | 273     | 2       | 39      | 180     | 26        |
| Bad                 | 27      | 11      | 11      | 20      | 66        |
| QSO Points          | 3,180   | 3,187   | 1,948   | 1,850   | 2,113     |
| Multipliers         |         |         |         |         |           |
| Counties            | 102     | 45      | 94      | 99      | 91        |
| States              | 47      | 39      | 45      | 42      | 44        |
| Provinces           | 7       | 3       | 7       | 2       | 5         |
| Countries           | 79      | 8       | 26      | 38      | 14        |
| City_County_10      | 0       | 40      | 0       | 0       | 0         |
| Total Mults         | 235     | 135     | 172     | 181     | 154       |
| Bonus Points        |         |         |         |         |           |
| Mobile_Counties     | 0       | 5600    | 0       | 0       | 0         |
| Score               | 747,300 | 435845  | 335,056 | 334,850 | 325,402   |

High Counties

High Countries

High Mults

Very close



# 2024 Virginia QSO Party

## Log Metadata Analysis and QSO Analysis

# Log MetaData



| Year | No. of logs |
|------|-------------|
| 2024 | 721         |
| 2023 | 637         |
| 2022 | 679         |
| 2021 | 667         |
| 2020 | 613         |
| 2019 | 449         |
| 2018 | 409         |
| 2017 | 399         |
| 2016 | 413         |
| 2015 | 375         |
| 2014 | 379         |
| 2013 | 386         |
| 2012 | 356         |
| 2011 | 358         |

Significant increase!

| Year | No. of logs |
|------|-------------|
| 2010 | 341         |
| 2009 | 364         |
| 2008 | 336         |
| 2007 | 353         |
| 2006 | 279         |
| 2005 | 170         |
| 2004 | 138         |
| 2003 | 142         |
| 2002 | 124         |
| 2001 | 110         |

# Log MetaData

73 % are Amateur Extra operators.

| Class | 05  | 06  | 07  | 08  | 09  | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Extra | 103 | 170 | 229 | 210 | 224 | 213 | 214 | 236 | 253 | 252 | 252 | 282 | 271 | 289 | 322 | 457 | 499 | 492 | 454 | 531 |
| Adv   | 8   | 17  | 12  | 11  | 9   | 10  | 10  | 14  | 13  | 14  | 15  | 12  | 10  | 9   | 8   | 14  | 17  | 17  | 18  | 13  |
| Gen   | 32  | 47  | 71  | 67  | 81  | 70  | 83  | 67  | 75  | 67  | 71  | 78  | 83  | 71  | 82  | 101 | 99  | 106 | 108 | 114 |
| Tech  | 11  | 20  | 5   | 11  | 16  | 14  | 10  | 6   | 12  | 5   | 10  | 9   | 8   | 8   | 10  | 7   | 18  | 13  | 7   | 16  |
| Club  | 4   | 4   | 11  | 13  | 11  | 10  | 6   | 18  | 12  | 13  | 16  | 16  | 11  | 13  | 11  | 10  | 5   | 13  | 17  | 11  |
| Other | 11  | 21  | 23  | 24  | 23  | 24  | 35  | 15  | 21  | 28  | 11  | 16  | 16  | 19  | 16  | 24  | 29  | 38  | 33  | 37  |
| Total |     |     |     |     |     |     |     |     |     |     | 375 | 413 | 399 | 409 | 449 | 613 | 667 | 697 | 637 | 721 |

Advanced licenses continue to exist.

# Log MetaData

| Score   | 2005    | 2006    | 2007    | 2008    | 2009      | 2010      | 2011    | 2012    | 2013    |
|---------|---------|---------|---------|---------|-----------|-----------|---------|---------|---------|
| High    | 803,540 | 523,382 | 934,990 | 944,597 | 1,097,159 | 1,178,532 | 608,100 | 402,774 | 843,300 |
| Average | 17,287  | 17,235  | 16,975  | 18,483  | 18,669    | 21,910    | 24,099  | 16,400  | 20,772  |
| Median  | 2,964   | 3,990   | 2,109   | 2,515   | 2,570     | 2,976     | 4,300   | 3,329   | 3,330   |
| Low     | 1       | 1       | 0       | 1       | 1         | 2         | 1 (6x)  | 1 (2x)  | 0       |

| Score   | 2014      | 2015    | 2016    | 2017        | 2018        | 2019              | 2020    | 2021    | 2022                | 2023                          | 2024                          |
|---------|-----------|---------|---------|-------------|-------------|-------------------|---------|---------|---------------------|-------------------------------|-------------------------------|
| High    | 1,129,640 | 926,172 | 971,861 | 600,180     | 1,025,376   | 1,193,975         | 815,538 | 525,320 | 598,926             | 701,760                       | 746,830                       |
| Average | 20,854    | 17,513  | 17,179  | 12,290      | 1,500       | 13,811            | 13,098  | 12,037  | 16,863              | 21,191                        | 17,394                        |
| Median  | 3,564     | 3,608   | 2,678   | 1,704       | 15,466      | 1218              | 1,925   | 1,716   | 2,494               | 3,182                         | 2,496                         |
| Low     | 0         | 1 (4x)  | 1 (x11) | 0<br>1 (x8) | 0<br>1 (x8) | 0 (x3)<br>1 (x10) | 1 (x4)  | 0 (x5)  | 0 (x 1)<br>1 (x 10) | 0 (x 3)<br>1 (x 8)<br>2 (x 3) | 0 (x 2)<br>1 (x 3)<br>2 (x 2) |

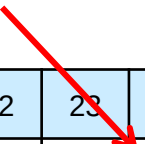
High is KW4VA (multi-multi) with 2 operators (746,830 pts).  
 2<sup>nd</sup> High is N4CW/M with 2 operators (435,845 pts).

# Log MetaData



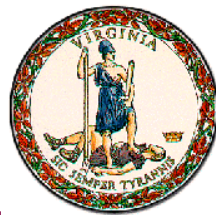
Distribution between modes is about same.

CW remains strong - 23%



| Mode  | 05  | 06  | 07  | 08  | 09  | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| CW    | 22  | 39  | 43  | 54  | 66  | 41  | 52  | 45  | 50  | 55  | 47  | 60  | 50  | 82  | 95  | 122 | 147 | 169 | 145 | 167 |
| Mixed | 148 | 98  | 117 | 110 | 90  | 88  | 96  | 105 | 108 | 124 | 140 | 138 | 129 | 133 | 142 | 190 | 188 | 187 | 174 | 183 |
| Phone | 0   | 140 | 187 | 169 | 204 | 208 | 205 | 204 | 226 | 198 | 185 | 211 | 218 | 191 | 211 | 298 | 325 | 321 | 315 | 371 |
| DG    | 0   | 2   | 6   | 3   | 4   | 4   | 5   | 2   | 2   | 2   | 3   | 4   | 2   | 3   | 0   | 3   | 7   | 2   | 3   | 0   |

# Log MetaData



Most hams use low power.

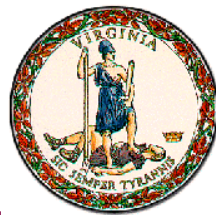
| Power  | 05  | 06  | 07  | 08  | 09  | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hi-Low | 155 | 260 | 330 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| High   |     |     |     | 73  | 80  | 66  | 73  | 63  | 67  | 63  | 51  | 75  | 68  | 92  | 92  | 151 | 143 | 150 | 137 | 175 |
| Low    |     |     |     | 238 | 263 | 248 | 256 | 272 | 287 | 285 | 285 | 308 | 311 | 290 | 331 | 437 | 497 | 497 | 460 | 495 |
| QRP    | 15  | 19  | 23  | 25  | 21  | 25  | 29  | 21  | 32  | 31  | 39  | 30  | 20  | 27  | 26  | 25  | 27  | 32  | 40  | 50  |

Mobiles increased after drop last year.

Expeditions are growing.

| Station    | 05  | 06  | 07  | 08  | 09  | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Fixed      | 145 | 220 | 310 | 291 | 311 | 295 | 312 | 308 | 318 | 346 | 320 | 369 | 370 | 362 | 412 | 579 | 601 | 634 | 591 | 655 |
| Mobile     | 24  | 55  | 39  | 37  | 47  | 43  | 39  | 40  | 45  | 30  | 39  | 41  | 26  | 39  | 27  | 30  | 57  | 36  | 31  | 42  |
| Expedition | 1   | 4   | 4   | 8   | 6   | 3   | 7   | 6   | 5   | 3   | 16  | 2   | 2   | 3   | 7   | 4   | 6   | 7   | 10  | 16  |
| Rover      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 2   | 8   |
| Checklog   |     |     |     |     |     |     |     | 1   |     |     |     | 1   | 1   | 5   | 3   | 0   | 3   | 2   | 3   |     |

# Log MetaData



| #<br>Ops      | 06  | 07  | 08  | 09  | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22    | 23  | 24  |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-----|
| 1             | 263 | 333 | 315 | 350 | 318 | 337 | 339 | 374 | 369 | 359 | 395 | 386 | 390 | 426 | 601 | 650 | 655   | 615 | 698 |
| 2             | 8   | 7   | 15  | 6   | 9   | 6   | 5   | 6   | 3   | 6   | 8   | 6   | 12  | 10  | 9   | 12  | 14    | 10  | 9   |
| 3             |     | 4   | 2   | 3   | 4   | 4   | 3   | 2   | 2   | 4   | 5   | 2   | 1   |     | 1   | 1   | 2     | 8   | 6   |
| 4             | 5   | 4   | 1   | 1   | 2   | 3   | 2   | 1   | 2   | 3   | 2   | 2   | 1   | 3   | 1   | 2   | 2     | 1   | 3   |
| 5             | 1   | 1   |     |     |     | 1   | 1   |     | 1   | 1   |     | 1   | 1   | 4   |     | 1   | 5     | 2   | 2   |
| 6             |     | 1   |     | 1   | 1   | 2   | 1   |     |     |     | 1   |     |     | 1   |     |     |       |     |     |
| 7             |     |     |     |     | 1   | 1   |     | 2   |     | 1   | 1   |     | 2   | 1   |     |     |       | 2   | 2   |
| 8             | 2   |     | 1   |     | 2   |     | 1   |     | 1   | 1   | 1   | 2   | 1   | 2   | 1   |     | 1     |     |     |
| 9             |     | 1   | 1   | 1   |     |     | 3   |     | 1   |     |     |     |     |     |     |     | W4COV |     | 1   |
| 10            |     |     | 1   |     |     | 1   |     | 1   |     |     |     |     | 1   |     |     |     |       | 1   |     |
| 11            |     |     |     |     |     | 2   |     |     |     |     |     |     |     |     |     |     |       |     |     |
| 12            |     |     |     |     |     |     |     |     |     |     |     |     |     | 1   |     |     |       |     |     |
| 13            |     | 1   |     | 2   |     | 1   | 1   |     |     |     |     |     |     |     |     |     |       |     |     |
| 15            |     |     |     |     | 2   |     |     |     |     |     |     |     |     |     |     |     |       |     |     |
| Other<br>/Unk |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1   |       |     |     |

# Log QTHs



50 % of logs from outside of VA

|          | 05  | 06  | 07  | 08  | 09  | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |
|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| VA       | 110 | 182 | 210 | 208 | 227 | 239 | 250 | 240 | 257 | 243 | 259 | 264 | 249 | 205 | 254 | 268 | 309 | 306 | 300 | 358 |
| Not VA   | 60  | 97  | 143 | 128 | 137 | 102 | 108 | 116 | 129 | 136 |     |     |     |     |     |     |     |     |     |     |
| Other US |     |     |     |     |     |     |     |     |     |     | 107 | 133 | 135 | 190 | 180 | 322 | 330 | 338 | 305 | 328 |
| Canada   |     |     |     |     |     |     |     |     |     |     | 6   | 11  | 8   | 11  | 13  | 18  | 19  | 22  | 22  | 24  |
| DX       |     |     |     |     |     |     |     |     |     |     | 3   | 5   | 7   | 3   | 2   | 5   | 9   | 13  | 10  | 11  |
| Total    | 170 | 279 | 353 | 336 | 364 | 341 | 358 | 356 | 386 | 379 | 375 | 413 | 399 | 409 | 449 | 613 | 667 | 679 | 637 | 721 |

Big jump in “Other US” logs at beginning of pandemic and State QSO Party Challenge.

# Log QTHs DX

10 DX Logs



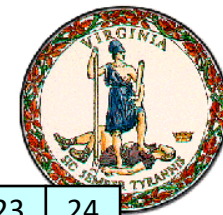
| DX QTH      | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Argentina   |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Azores      |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Belgium     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |    |    | 1  |
| Columbia    |    |    |    |    |    |    | 1  |    |    |    |    |    | 1  |    |    |    |    |    |    |    |
| Curacao     |    |    |    |    |    |    | 2  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Czeck Rep   | 1  |    | 1  | 1  |    | 1  |    | 1  | 1  | 1  | 1  |    |    |    |    |    |    |    | 1  |    |
| England     |    |    |    |    |    | 1  | 1  |    |    |    |    |    | 1  |    |    |    | 1  |    | 1  | 1  |
| Finland     |    |    |    |    |    |    |    |    |    |    |    | 1  | 2  |    |    |    |    | 1  |    |    |
| France      |    |    |    |    |    |    |    |    |    | 2  |    |    |    |    |    | 1  | 1  |    |    |    |
| Germany     | 1  | 1  |    | 2  | 1  | 1  | 1  |    | 1  | 1  | 1  | 1  | 1  | 1  |    | 1  | 1  | 2  | 1  | 2  |
| Greece      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| Hungary     | 1  |    |    |    | 1  | 1  |    |    |    |    |    |    |    |    |    |    | 1  | 1  | 2  |    |
| Ireland     |    |    |    |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |
| Italy       |    | 1  |    | 1  |    |    |    |    |    |    |    |    | 1  | 1  |    |    | 1  | 1  | 1  |    |
| Jamaica     |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Japan       |    |    |    | 1  |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    |
| Lithuania   |    |    |    |    | 1  | 1  | 1  |    |    | 1  | 1  |    |    |    | 1  |    |    | 2  | 1  | 1  |
| Netherlands | 1  | 1  | 1  | 1  | 1  | 1  | 1  |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| Norway      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 2  | 1  |    |
| Paraguay    |    |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Poland      |    |    |    |    | 2  | 1  | 2  | 1  | 2  | 1  |    |    | 1  |    |    | 1  | 1  | 2  | 1  | 2  |
| Portugal    |    | 1  | 1  | 1  | 1  | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Russia      |    |    |    |    |    |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    |    |
| Slovak Rep  |    |    |    |    |    |    |    |    |    | 1  |    |    |    |    | 1  | 1  | 1  | 1  | 1  | 1  |
| Spain       |    |    | 1  |    |    |    |    |    |    |    |    | 1  |    | 1  |    | 1  | 1  |    |    |    |
| Sweden      |    |    |    |    |    | 2  |    |    |    | 3  |    | 1  |    |    |    |    |    |    |    |    |
| Switzerland |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |    |    |
| Ukraine     |    |    | 1  |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| West Indies |    |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    |

# Logs from US and Canada (1 of 3)

41 states  
6 provinces

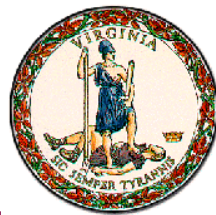
| QTH | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| AB  |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |    |    | 1  |    | 1  | 1  |
| AL  | 1  | 3  | 1  | 3  | 2  | 3  | 2  | 2  | 1  | 2  |    |    |    | 1  | 2  | 4  | 4  |    |    | 2  |
| AR  |    | 1  |    |    |    | 1  |    |    |    | 1  |    | 1  | 1  | 2  | 3  | 3  | 3  |    | 1  | 3  |
| AZ  |    |    | 2  | 3  | 5  | 1  | 1  | 4  | 3  | 1  |    | 2  | 1  | 2  |    |    | 4  | 6  | 1  | 2  |
| AR  |    | 1  |    |    |    | 1  |    |    |    | 1  |    | 1  | 1  | 2  | 3  |    | 3  | 2  |    |    |
| BC  | 1  | 2  | 1  | 4  | 1  |    |    |    |    |    |    |    |    | 1  |    |    | 2  |    | 1  | 1  |
| CA  | 1  | 3  | 7  | 1  | 3  | 2  | 3  | 3  | 2  | 1  | 6  | 4  | 6  | 8  | 8  | 12 | 10 | 11 | 7  | 7  |
| CO  |    | 2  | 2  |    |    |    | 1  |    | 1  |    | 1  | 1  | 1  | 1  | 1  | 2  | 2  | 4  | 4  | 6  |
| CT  |    |    | 1  |    | 2  | 1  |    |    | 4  | 1  | 2  | 2  | 2  |    |    | 2  | 4  | 3  | 6  | 5  |
| DE  |    | 1  | 1  |    | 1  | 2  |    | 2  | 1  | 1  | 1  | 1  | 1  |    | 4  |    | 3  | 4  | 2  | 2  |
| FL  | 3  | 7  | 6  | 7  | 8  | 5  | 9  | 9  | 7  | 7  | 9  | 4  | 7  | 4  | 5  | 13 | 17 | 16 | 17 | 19 |
| GA  | 2  | 6  | 4  | 4  | 3  | 3  |    | 1  | 4  | 2  | 2  | 3  | 7  | 7  | 8  | 15 | 14 | 15 | 12 | 10 |
| IA  | 1  |    | 1  | 1  |    |    |    |    | 1  | 1  |    |    |    | 2  | 2  | 1  | 2  | 3  |    |    |
| ID  |    |    |    | 1  |    |    |    |    | 1  | 1  | 1  | 2  | 1  | 1  |    |    | 1  |    |    |    |
| IL  | 1  | 3  | 2  | 4  | 4  | 5  | 3  | 2  | 2  | 5  | 2  | 5  | 8  | 9  | 7  | 16 | 13 | 12 | 12 | 16 |
| IN  | 1  | 4  | 3  | 2  | 2  | 1  | 1  | 3  | 1  | 2  | 1  | 1  |    | 1  | 6  | 10 | 10 | 8  | 8  | 9  |
| KS  |    | 2  | 3  | 1  | 2  | 4  | 2  | 4  | 2  | 1  | 1  |    | 2  | 3  | 2  | 5  | 7  |    | 7  | 9  |
| KY  | 1  | 2  | 2  | 2  | 3  | 1  | 1  | 1  | 1  |    |    | 4  | 7  | 5  | 4  | 9  | 7  | 6  | 7  | 4  |
| LA  | 1  | 1  |    | 1  | 1  | 1  |    | 2  |    |    | 2  |    | 1  |    | 3  | 2  | 4  | 6  | 2  | 3  |
| MA  |    |    |    |    |    |    |    |    |    |    |    | 9  |    | 5  | 6  | 7  | 6  | 12 | 10 | 10 |

# Logs from US and Canada (2 of 3)



| QTH       | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|-----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| MD        |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 19 |
| MDC       | 3  | 4  | 3  | 3  | 3  | 2  | 2  | 4  | 6  | 6  | 7  | 9  | 4  | 5  | 7  | 11 | 13 | 20 | 12 |    |
| <b>MB</b> |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  | 1  |    |
| ME        |    |    | 2  | 1  | 1  |    |    | 1  |    | 1  |    |    |    | 2  | 3  | 1  | 2  | 4  | 3  | 5  |
| MI        | 6  | 3  | 5  | 2  | 6  | 2  | 1  | 4  | 4  | 2  | 3  | 1  | 3  | 7  | 3  | 8  | 12 | 9  | 10 | 6  |
| MN        | 2  | 1  |    | 3  | 3  | 2  | 2  | 1  | 1  | 4  | 2  | 4  | 2  | 2  | 3  | 10 | 11 | 14 | 8  | 17 |
| MO        | 1  | 1  | 1  | 2  | 1  | 2  | 5  | 4  | 3  | 7  | 3  | 6  | 5  | 7  | 4  | 7  | 6  | 20 | 5  | 7  |
| MS        | 1  | 1  |    | 2  | 2  |    | 1  |    |    |    | 1  | 1  |    | 1  |    | 2  | 3  |    |    | 2  |
| MT        | 1  | 1  | 1  | 1  |    |    |    |    |    | 1  |    | 1  |    | 1  | 1  | 2  |    | 1  | 1  | 1  |
| <b>NB</b> |    |    | 1  |    |    |    |    | 1  | 1  |    |    |    |    |    |    | 3  | 2  | 2  | 3  | 1  |
| NC        | 2  | 3  | 4  | 4  | 5  | 8  | 7  | 2  | 8  | 12 | 8  | 5  | 6  | 5  | 8  | 12 | 20 | 24 | 19 | 20 |
| ND        |    |    |    |    |    |    |    |    |    | 1  | 1  |    | 2  | 1  | 1  | 2  | 2  | 1  | 2  |    |
| NE        |    | 3  | 2  | 1  |    |    |    |    |    |    |    |    |    |    |    | 2  | 1  |    | 2  | 1  |
| NH        | 1  | 1  | 2  | 3  | 2  | 2  | 2  | 2  | 1  | 2  | 1  | 2  | 2  | 3  | 2  | 5  | 3  | 4  | 2  | 4  |
| NJ        | 4  | 4  | 6  | 5  | 3  |    | 4  | 6  | 6  | 11 | 9  | 8  | 7  | 6  | 10 | 10 | 15 | 9  | 14 |    |
| NM        |    |    |    |    |    |    |    | 1  | 1  |    | 1  | 2  | 1  |    |    | 1  | 2  |    |    |    |
| <b>NS</b> |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| <b>NT</b> |    |    |    | 1  |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    |
| NV        |    |    | 1  |    | 1  | 1  | 1  | 1  |    |    |    |    |    |    |    |    | 1  | 1  |    | 1  |
| NY        | 1  | 2  | 7  | 7  | 5  | 3  | 7  | 9  | 6  | 9  | 7  | 5  | 11 | 13 | 7  | 15 | 17 | 15 | 18 | 19 |
| OH        | 1  | 3  | 7  | 6  | 9  | 8  | 7  | 6  | 15 | 6  | 6  | 11 | 7  | 12 | 13 | 16 | 20 | 19 | 21 | 13 |

# Logs from US and Canada (3 of 3)



| QTH       | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|-----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| OK        |    | 2  | 1  | 1  |    |    |    |    | 1  |    |    |    | 2  | 1  | 3  | 3  | 8  | 4  | 4  | 5  |
| <b>ON</b> | 3  | 5  | 9  | 8  | 5  | 3  | 4  | 7  | 5  | 4  | 5  | 10 | 7  | 7  | 11 | 13 | 10 | 16 | 14 | 18 |
| OR        |    |    |    |    | 1  | 1  | 1  | 1  | 1  |    |    | 1  | 2  | 3  | 1  | 3  | 5  | 2  | 2  | 4  |
| PA        | 4  | 3  | 6  | 10 | 8  | 12 | 15 | 6  | 12 | 7  | 9  | 9  | 9  | 6  | 12 | 17 | 17 | 20 | 20 | 13 |
| RI        |    | 1  |    | 1  | 2  | 2  | 2  | 3  |    |    |    | 1  |    |    |    | 1  | 2  |    | 1  |    |
| <b>QC</b> | 1  |    | 3  | 1  | 1  | 1  | 2  | 1  | 1  | 2  | 1  | 1  | 1  | 2  | 2  | 2  | 3  | 2  | 2  | 2  |
| SC        | 1  |    | 1  | 1  |    | 2  |    | 2  | 1  | 1  | 2  | 5  | 4  | 3  | 4  | 8  | 11 | 12 | 12 | 16 |
| SD        |    |    | 1  | 3  | 1  |    |    |    |    |    | 1  | 1  |    |    | 2  | 1  |    | 1  |    |    |
| <b>SK</b> | 1  | 1  | 1  | 3  | 3  |    |    | 1  | 1  |    |    |    |    | 2  |    |    | 1  | 1  |    |    |
| TN        | 2  | 6  | 4  | 4  | 7  | 8  | 5  | 5  | 7  | 9  |    | 13 | 11 | 12 | 14 | 15 | 13 | 20 | 19 | 18 |
| TX        | 2  |    |    | 1  | 4  | 3  | 1  | 3  | 2  | 3  | 4  | 8  | 6  | 2  | 7  | 18 | 1  | 20 | 12 | 18 |
| UT        |    |    |    |    | 1  | 1  |    |    |    |    |    |    | 1  | 1  |    | 1  | 1  |    |    |    |
| VT        |    |    | 2  | 1  | 2  | 1  |    |    |    | 1  |    |    |    | 3  | 4  | 3  | 3  | 3  | 4  | 1  |
| WA        |    | 1  |    | 4  | 4  | 2  | 1  | 2  | 2  |    | 2  | 2  | 2  | 3  |    | 4  | 5  | 10 | 5  | 4  |
| WI        | 2  | 4  | 3  | 3  | 6  | 1  | 3  | 1  | 3  | 1  | 1  | 2  | 4  | 4  | 3  | 9  | 9  | 4  | 9  | 5  |
| WV        | 2  | 5  | 2  | 3  | 1  | 2  | 1  | 1  |    | 4  | 2  | 2  | 1  | 5  | 7  | 7  | 6  | 7  | 4  | 7  |
| WY        |    |    | 1  | 2  |    |    |    |    |    |    | 1  |    |    |    |    | 1  | 2  | 1  |    | 1  |



# Logs from VA (1 of 4)

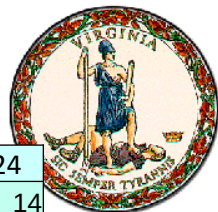
| QTH | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| ACC | 1  | 1  |    |    |    | 1  | 3  | 1  |    | 1  | 1  | 2  | 2  | 1  | 2  | 2  |    |    | 2  | 1  |
| ALB |    |    |    | 2  | 2  | 3  |    | 4  | 2  | 2  | 2  | 2  | 2  | 1  | 2  | 6  | 7  | 5  | 5  | 18 |
| ALL | 1  |    |    |    |    |    |    | 1  | 2  | 1  | 1  | 2  | 1  | 1  | 1  | 2  | 1  | 1  | 1  |    |
| ALX | 2  | 2  | 1  | 1  | 2  | 2  | 2  | 3  |    | 2  | 1  | 3  | 2  | 1  | 2  | 3  | 3  | 1  | 1  | 1  |
| AME |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| AMH | 1  |    | 1  |    | 1  | 2  | 2  |    |    | 1  | 1  | 1  | 2  |    | 2  | 1  | 3  | 3  | 3  | 2  |
| APP |    |    |    |    |    |    |    | 1  |    |    |    | 1  |    |    |    |    |    |    | 1  | 1  |
| ARL | 3  | 4  | 8  | 1  | 4  | 7  | 4  | 4  | 7  | 9  | 8  | 7  | 5  | 4  | 10 | 7  | 7  | 7  | 6  | 4  |
| AUG |    |    | 1  | 1  | 1  | 1  | 4  | 4  | 5  | 2  | 3  | 5  | 7  | 6  | 5  | 4  | 6  | 5  | 4  | 4  |
| BAT | 1  | 1  | 2  | 1  | 1  | 3  |    | 2  |    | 1  |    | 1  | 1  | 2  | 1  | 1  | 2  | 1  | 1  | 2  |
| BCH |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| BED | 1  | 2  |    | 2  | 3  | 1  | 3  | 3  | 5  | 3  | 3  | 1  | 3  | 3  | 4  | 3  | 13 | 5  | 6  | 4  |
| BHM |    |    |    |    |    |    | 1  |    |    | 1  |    |    |    |    |    |    | 1  |    |    |    |
| BLA |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| BOT |    |    |    |    |    |    | 1  | 1  | 1  | 2  | 3  | 4  | 1  | 2  |    | 1  | 1  | 1  | 1  | 1  |
| BRU |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| BRX |    |    |    |    |    |    |    | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 2  |
| BVX |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| CAM |    |    | 1  | 2  |    | 1  | 3  | 1  | 4  | 3  | 2  | 1  | 1  | 1  | 1  | 2  | 3  | 3  | 3  | 2  |
| CCY |    |    |    | 1  | 1  | 1  | 1  |    | 1  | 1  |    | 1  |    | 1  |    |    |    |    |    |    |
| CHA |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| CHE |    |    |    | 3  | 2  | 2  | 3  | 3  | 1  | 2  | 2  | 2  | 1  | 3  | 1  | 1  | 1  | 4  | 1  | 6  |
| CHX |    |    |    |    |    | 2  | 1  | 2  | 2  | 1  | 1  | 2  | 1  | 2  | 1  | 3  | 1  | 1  | 2  | 2  |
| CLA | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 2  | 3  | 4  | 5  | 2  | 2  | 5  | 2  | 3  | 2  | 2  | 2  | 3  |
| CLN |    |    |    |    |    |    | 1  | 1  | 1  | 1  | 1  | 2  | 1  |    | 1  |    |    |    |    |    |
| COX |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| CPX | 1  | 3  | 7  | 5  | 3  | 9  | 6  | 6  | 5  | 6  | 8  | 7  | 7  | 4  | 6  | 10 | 6  | 6  | 5  | 5  |
| CRA |    |    | 1  | 1  | 1  | 1  |    | 2  | 1  | 1  |    |    |    |    |    |    |    |    |    | 2  |
| CRL |    | 1  | 1  | 1  | 1  |    | 1  | 1  |    | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |    | 1  |
| CUL | 2  | 3  | 2  | 3  | 4  | 4  | 3  | 4  | 5  | 3  | 3  | 2  | 6  | 8  | 5  | 3  | 5  | 4  | 2  | 4  |
| CUM |    |    |    |    |    |    |    |    |    |    | 1  |    | 2  |    | 1  | 1  |    | 1  |    | 1  |
| CVX | 1  | 2  | 2  | 2  | 1  | 1  | 1  | 1  | 1  | 2  | 1  | 1  | 3  | 2  | 3  | 4  | 2  | 1  | 2  | 1  |
| DAX |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| DIC |    |    | 1  |    | 1  |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    | 1  |

# Logs from VA (2 of 4)



| QTH | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| DIN |    |    |    |    |    | 1  | 1  | 1  | 1  |    | 1  |    |    |    |    |    |    |    |    |    |
| ESS |    | 1  |    | 1  |    |    |    |    |    |    |    | 1  |    |    |    |    |    | 1  |    |    |
| Exp | 1  | 4  | 4  | 8  | 6  | 3  | 7  | 6  |    | 3  | 16 |    | 2  | 3  | 6  |    |    | 5  |    |    |
| FAU | 11 | 14 | 15 | 12 | 19 | 18 | 14 | 7  | 10 | 14 | 12 | 15 | 23 | 15 | 18 | 29 | 23 | 23 | 20 | 23 |
| FBX | 1  | 1  | 1  | 1  |    | 1  |    | 1  | 1  | 2  |    | 2  | 1  |    | 1  | 1  | 2  | 2  | 2  |    |
| FCX |    |    |    |    |    |    |    |    |    |    | 1  |    |    |    |    | 1  | 1  |    |    |    |
| FFX | 12 | 12 | 28 | 15 | 19 | 15 | 23 | 15 | 19 | 22 | 20 | 17 | 18 | 14 | 25 | 21 | 25 | 23 | 20 | 32 |
| FLO |    |    |    |    | 1  | 2  |    | 1  |    |    |    |    |    |    |    | 2  | 1  | 2  | 2  | 1  |
| FLU |    | 1  |    |    |    | 1  |    | 2  | 1  | 2  | 1  | 4  | 3  | 1  | 1  | 2  | 2  | 3  | 1  | 4  |
| FRA | 2  | 3  | 3  | 3  | 4  | 2  | 3  | 3  | 4  | 3  | 2  | 3  | 1  | 3  | 4  | 5  | 4  | 4  | 4  | 3  |
| FRE | 2  | 3  | 2  | 2  | 3  | 1  | 2  | 7  | 5  | 8  | 5  | 7  | 7  | 9  | 8  | 10 | 4  | 8  | 8  | 8  |
| FRX |    |    |    |    | 1  | 1  | 1  | 1  |    | 1  |    | 1  |    |    |    |    |    |    |    |    |
| FXX |    |    | 1  |    | 1  | 1  | 1  | 2  | 2  | 1  |    |    |    | 1  | 3  | 2  | 2  | 3  | 2  | 3  |
| GAX |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| GIL | 1  | 2  | 1  | 2  | 1  | 1  | 2  | 1  | 1  | 2  | 1  | 1  | 2  | 2  | 1  | 1  | 1  |    |    |    |
| GLO |    |    |    | 2  |    |    |    | 2  | 1  |    | 3  | 1  | 3  | 3  | 1  | 2  | 2  |    |    |    |
| GOO | 1  | 1  | 2  | 3  | 1  | 1  | 2  | 2  | 1  | 1  |    | 1  | 1  | 1  |    |    |    |    |    |    |
| GRA |    |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    |
| GRN | 1  | 1  | 1  | 1  | 1  | 1  | 1  |    | 1  | 1  | 1  |    |    |    |    | 2  | 2  | 1  | 1  | 3  |
| GVL |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  | 1  | 1  | 1  |    |
| HAL |    |    |    |    |    | 1  | 1  |    |    |    |    |    |    |    |    |    | 1  |    |    |    |
| HAN | 2  | 1  | 5  | 2  | 6  | 5  | 5  | 3  | 3  | 2  | 2  |    |    | 2  | 4  | 5  | 1  | 4  | 5  | 4  |
| HAX |    |    |    | 1  |    | 2  | 2  |    |    |    |    |    | 2  | 2  | 4  | 3  | 2  | 1  | 2  | 2  |
| HBX |    |    |    |    | 1  | 1  | 2  |    | 1  | 1  |    |    | 2  | 1  |    | 1  |    | 1  | 1  |    |
| HCO | 2  | 2  | 5  | 2  | 3  | 4  | 3  | 6  | 3  | 1  | 3  | 5  | 1  |    | 2  | 1  | 1  | 1  | 2  | 3  |
| HIG |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |    | 1  |    |    |
| HOX |    |    |    |    |    |    | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
| HRY |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| IOW | 1  | 1  | 1  | 5  | 6  | 4  | 7  | 4  | 6  | 3  | 3  | 1  | 2  | 3  | 2  | 3  | 2  | 1  | 2  |    |
| JAM |    | 3  | 2  | 4  | 3  | 2  | 3  | 3  | 1  | 2  | 4  | 5  | 5  | 3  | 1  | 4  | 6  | 3  | 5  | 4  |
| KGE |    |    |    | 1  | 1  | 1  | 1  | 1  | 1  |    |    | 1  | 1  | 2  | 4  | 3  | 1  | 1  | 2  | 4  |
| KQN |    |    |    |    |    |    |    | 1  |    |    |    | 1  |    | 1  | 1  |    | 1  |    |    | 1  |
| KWM |    |    |    |    |    |    |    |    | 1  |    |    |    |    |    | 1  |    |    | 1  |    |    |
| LAN |    | 1  | 2  | 3  | 1  | 3  | 2  | 1  | 2  | 2  | 4  | 5  | 1  | 2  | 3  | 6  | 1  | 3  | 5  | 4  |

# Logs from VA (3 of 4)



| QTH    | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| LDN    | 14 | 20 | 15 | 13 | 18 | 22 | 24 | 21 | 22 | 20 | 10 | 16 | 14 | 12 | 13 | 11 | 10 | 13 | 14 | 14 |
| LEE    |    |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |
| LEX    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |    |    |    |    |    |    |
| LSA    |    |    | 1  | 1  |    | 2  |    |    | 1  | 2  | 2  | 1  | 2  | 2  | 3  | 1  | 1  | 1  | 1  | 2  |
| LUN    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| LYX    |    |    | 3  | 1  |    |    | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 2  | 2  | 2  | 2  | 2  | 2  |
| MAD    |    |    | 1  | 1  | 1  |    |    |    |    |    |    |    | 1  | 1  |    |    |    | 1  | 2  | 3  |
| MAT    |    |    |    |    | 1  |    | 1  | 1  | 2  | 1  | 1  | 1  | 2  | 2  |    | 1  | 1  |    | 2  | 1  |
| MAX    |    |    | 1  |    |    |    |    |    |    | 1  |    |    | 1  | 1  | 1  | 1  | 2  |    | 1  |    |
| MEC    |    | 1  |    |    |    |    |    |    |    |    |    | 1  |    |    |    |    |    |    | 1  |    |
| MID    |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    | 2  | 2  | 1  |
| Mobile | 24 | 55 | 39 | 37 | 47 | 43 | 39 | 40 | 45 | 30 | 39 | 42 | 25 | 38 | 20 |    |    | 35 |    | 65 |
| MON    | 1  | 1  | 1  | 3  |    | 2  | 2  | 3  | 2  | 1  | 3  | 2  | 1  | 2  | 2  | 2  | 4  | 4  | 3  | 3  |
| MPX    |    |    |    |    |    |    |    |    | 1  |    |    | 1  |    |    |    |    |    |    |    |    |
| MVX    |    |    | 1  |    |    |    |    |    | 1  |    | 1  |    | 1  |    |    |    |    |    | 1  | 1  |
| NEL    |    | 1  | 1  | 1  | 1  |    |    | 1  | 1  |    |    |    |    |    |    |    | 1  | 1  |    |    |
| NEW    |    |    | 1  | 1  |    |    |    | 1  | 1  | 1  |    |    |    |    |    |    |    |    |    |    |
| NFX    |    |    | 2  | 1  | 2  | 3  | 2  | 3  | 2  | 2  | 2  | 1  | 1  |    | 2  | 1  | 2  | 3  | 3  | 3  |
| NHA    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |    |    |
| NNX    |    |    |    |    |    |    | 1  | 1  | 2  | 3  | 2  | 2  | 2  | 2  | 1  | 1  |    | 1  | 1  | 1  |
| NOT    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| NRX    |    |    |    |    | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| NUM    | 2  | 2  | 2  | 3  | 1  | 3  | 5  | 7  | 9  | 9  | 7  | 6  | 6  | 4  | 5  | 6  | 3  | 4  | 4  | 2  |
| ORG    |    |    |    |    | 1  | 2  | 4  | 2  | 4  | 3  | 2  | 3  | 2  | 2  | 2  | 3  | 1  | 2  | 5  | 2  |
| PAG    | 1  | 2  | 2  | 1  | 1  | 1  | 1  | 1  | 2  | 3  | 3  | 3  |    |    |    | 2  | 2  | 3  | 2  | 2  |
| PAT    |    |    |    |    |    |    |    |    |    |    | 1  |    |    |    |    | 1  |    | 1  |    | 1  |
| PBX    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| PIT    | 2  |    | 1  |    | 1  | 3  | 2  |    |    |    |    |    |    |    |    |    |    |    | 1  |    |
| POW    |    | 1  | 1  | 2  | 2  | 1  |    |    |    |    | 1  |    |    |    |    | 1  | 1  | 2  | 2  | 2  |
| POX    | 1  | 1  |    | 2  |    | 1  |    | 1  | 1  | 1  |    | 2  |    | 2  | 1  | 2  | 1  | 3  | 2  | 1  |
| PQX    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  | 1  | 1  | 1  | 1  |    | 1  |
| PRE    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |    |    |    |    | 2  |
| PRG    | 1  |    |    |    |    |    |    | 8  |    |    |    |    |    |    | 1  |    |    |    |    |    |
| PRW    | 2  | 6  | 11 | 7  | 6  | 7  | 4  | 8  | 11 | 8  | 13 | 13 | 16 | 14 | 17 | 23 | 24 | 24 | 27 | 21 |

# Logs from VA (4 of 4)



| QTH | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| PUL |    | 1  |    |    |    |    |    |    |    |    |    | 1  |    | 1  |    | 1  | 2  | 1  | 4  | 2  |
| RAP |    |    |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    |    |    | 1  | 1  |
| RAX |    |    |    |    |    |    |    |    | 1  |    | 1  |    | 1  |    |    |    |    |    | 1  |    |
| RBR |    |    |    |    |    |    |    |    | 1  | 1  | 1  |    | 1  | 2  | 1  | 1  | 1  | 1  | 1  | 1  |
| RHM |    |    | 1  | 1  | 1  | 1  | 2  | 1  | 2  | 3  | 2  | 2  | 1  | 1  | 2  | 3  | 2  | 5  | 4  | 5  |
| RIC | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  | 1  | 2  |
| RIX |    |    | 2  |    | 1  | 1  |    |    |    |    |    |    |    | 1  |    |    |    |    |    | 1  |
| ROA | 2  | 1  | 4  | 6  | 1  | 2  | 5  | 1  | 1  | 2  | 3  | 3  | 3  | 2  | 6  | 4  | 8  | 9  | 4  | 9  |
| ROX |    |    |    |    |    | 1  | 1  | 1  |    | 1  |    |    |    |    | 1  | 3  |    | 2  | 2  |    |
| RUS |    |    | 1  |    | 1  | 1  | 1  |    |    | 1  | 1  | 1  | 1  | 1  |    |    |    |    |    | 1  |
| SAX |    |    | 1  | 2  | 1  | 2  | 2  | 2  | 1  | 1  |    | 2  |    | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
| SCO | 1  | 1  | 1  |    | 1  |    |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    |
| SHA |    |    |    |    | 1  |    | 2  |    |    |    |    |    |    |    | 1  |    |    |    | 1  | 1  |
| SHE |    | 1  | 1  | 1  | 1  |    | 1  | 3  | 3  | 2  | 4  | 3  | 5  | 3  | 3  | 5  | 4  | 8  | 4  | 5  |
| SMY |    | 3  |    |    | 1  |    | 2  | 1  |    | 1  |    | 1  | 1  | 1  |    |    |    |    | 1  |    |
| SPO |    |    | 2  | 1  | 2  | 2  | 2  | 3  | 2  | 2  | 1  | 3  | 1  | 2  | 4  | 5  | 5  |    | 1  | 3  |
| STA | 2  | 4  | 3  | 5  | 3  | 1  |    | 1  | 2  |    | 1  | 2  |    | 1  |    | 3  | 1  | 1  | 2  | 2  |
| STX |    |    |    |    |    |    | 1  |    |    |    |    |    | 1  |    |    | 1  | 1  |    |    |    |
| SUR |    |    |    |    | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
| SUS |    |    |    |    |    |    | 1  | 1  |    |    |    |    |    |    |    |    |    |    |    | 1  |
| SUX |    |    |    |    |    | 1  |    |    | 2  | 3  | 3  | 2  | 4  | 3  | 3  | 2  | 1  | 5  | 2  | 1  |
| TAZ |    |    |    |    | 1  |    |    |    |    |    |    | 2  | 1  |    |    |    |    |    |    |    |
| VBX |    | 7  | 6  | 6  | 6  | 4  | 3  | 4  | 6  | 4  | 5  | 9  | 4  | 4  | 4  | 3  | 5  | 8  | 3  | 3  |
| WAR | 1  | 1  | 1  | 1  | 1  | 1  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 2  | 2  | 5  |
| WAS |    |    |    |    |    |    |    |    |    |    | 1  | 1  | 1  | 2  | 1  | 1  | 1  | 1  | 2  | 1  |
| WAX | 1  |    | 1  | 1  | 1  | 1  | 1  | 1  | 2  | 3  | 1  | 2  | 1  | 1  |    |    | 1  | 1  |    |    |
| WES |    | 1  | 1  |    |    | 1  |    |    |    |    |    |    |    | 1  |    | 2  | 2  | 2  |    | 1  |
| WIS |    |    | 1  | 2  | 3  | 2  | 4  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| WIX |    |    | 4  | 3  |    | 1  | 2  | 4  | 3  | 2  | 1  | 2  | 2  | 2  | 3  | 3  | 2  | 4  | 3  | 5  |
| WMX | 1  |    |    | 1  | 1  | 1  | 1  | 2  | 1  | 2  | 1  |    |    |    |    |    |    |    | 1  |    |
| WYT |    |    |    |    | 1  |    | 1  |    |    | 1  | 1  | 1  | 2  | 1  | 1  |    | 2  | 2  | 2  | 2  |
| YOR |    |    | 2  | 2  | 1  | 1  | 1  | 1  |    | 1  | 1  | 1  | 1  | 2  | 3  | 2  |    | 3  | 2  | 3  |

# Logging Programs

Logging programs with 3 or more users.

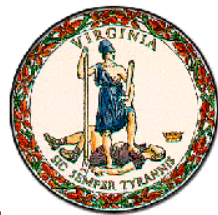
| Program               | 07 | 08  | 09  | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |
|-----------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| N1MM                  | 39 | 50  | 69  | 75  | 94  | 118 | 121 | 139 | 142 | 153 | 161 | 171 | 203 | 297 | 324 | 335 | 301 | 344 |
| N3FJP VA QSO<br>Party | 98 | 113 | 127 | 104 | 118 | 112 | 128 | 117 | 126 | 136 | 136 | 130 | 157 | 192 | 217 | 243 | 206 | 260 |
| WA7BNM<br>Web2Cab     |    |     |     |     |     |     |     |     |     |     |     | 17  | 33  | 39  | 36  | 25  | 46  | 33  |
| Fat Fingers           | 38 | 11  | 15  | 24  | 34  | 38  | 20  |     | 23  | 29  | 29  | 24  | 19  | 34  | 24  | 16  | 22  | 9   |
| Paper                 | 81 | 63  | 60  | 46  | 36  | 46  | 48  | 45  | 39  | 48  | 27  | 17  | 15  | 16  | 34  | 21  | 16  | 15  |
| SkookumLogger         |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 10  | 9   | 13  |
| WriteLog              | 23 | 24  | 19  | 15  | 20  | 11  | 6   | 9   | 10  | 8   | 14  | 11  | 7   | 11  | 9   | 7   | 8   | 7   |
| GenLog                | 9  | 11  | 10  | 13  | 12  | 7   | 10  | 6   | 7   | 12  | 9   | 10  | 7   | 6   | 5   | 4   | 4   | 3   |
| VA QSO<br>LOGGER      | 32 | 12  | 6   | 4   | 8   | 6   | 4   |     | 3   | 3   | 6   | 4   | 3   | 4   | 2   | 0   | 1   | 1   |

N1MM and N3FJP remain most popular.

WA7BNM Web2Cab becoming useful, probably to casual operators.

Paper logs are few but remain.

# QSO Analysis



| Measure                                                       | 05         | 06         | 07         | 08         | 09           | 10           | 11          | 12         | 13            | 14            | 15           | 16           | 17           | 18           | 19           | 20           | 21           | 22            | 23           | 24           |
|---------------------------------------------------------------|------------|------------|------------|------------|--------------|--------------|-------------|------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|
| Contacts<br>(electronic<br>logs only)<br>(i.e. # QSOs<br>x 2) | 22,<br>300 | 51,<br>048 | 76,<br>654 | 80,<br>756 | 86,<br>116   | 92,<br>944   | 107,<br>422 | 89,<br>576 | 101,<br>640   | 103,<br>598   | 91,<br>584   | 99,<br>320   | 79,<br>878   | 83,<br>398   | 89,<br>790   | 123,<br>470  | 127,<br>592  | 116,<br>366   | 173,<br>472  | 176,<br>602  |
| Non-Virginia<br>contacts                                      | 1/3        | 1/3        | 1/3        | 1/3        | 1/3          | 1/3          | 26%         |            | 27%           | 23%           | 22%          | 28%          | 30%          | 29%          | 27%          | 30%          | 31%          | 33%           | 32%          | 28%          |
| States<br>Contacted                                           |            | 50         | 50         | 50         | 50           | 50           | 50          | 50         | 50            | 50            | 50           | 50           |              | 48           | 50           | 50           | 50           | 50            | 50           | 50           |
| Provinces<br>Contacted                                        |            | 10         | 10         | 14         | 11           | 12           | 12          | 12         | 11            | 12            | 12           | 13           | 10           | 10           | 13           | 11           | 11           | 11            | 9            | 15           |
| DX Entities                                                   | ~41        | 68         | 112        | 118        |              | 119          |             |            |               | 4%            | 1%           | 2%           | 2%           | 2%           | 2%           | 1%           | 1%           | 13            | 10           | 11           |
|                                                               |            |            |            |            |              |              |             |            |               |               |              |              |              |              |              |              |              |               |              |              |
| C&C Not<br>Activated                                          | 17         | 7          | 6          | 2          | 1            | 3            | 5           | 5          | 4             | 3             | 0            | 3            | 2            | 4            | 1            | 1            | 2            | 0             | 0            | 2            |
| High #<br>QSOs in<br>C&C                                      | 2,789      | 3,969      | 5,434      | 3,166      | 5,272<br>FAU | 9,178<br>LDN |             |            | 12,012<br>LDN | 10,559<br>LDN | 5,024<br>FAU | 7,058<br>FAU | 8,815<br>FAU | 6,919<br>FAU | 6,713<br>FAU | 8,739<br>FAU | 7,719<br>FAU | 11,949<br>FAU | 6,077<br>FAU | 9,804<br>FAU |

# QSO Analysis

## Missing C&IC by Year



| C&IC                   | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Alleghany              |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | X    |
| Amelia (AME)           |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Bristol BRX)           |      | X    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Bland (BLA)            |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |      |      |      |      |
| Buchanan (BCH)         |      |      | X    |      | X    |      | X    |      |      |      |      |      |      |      |      |      |      |      |      |
| Buckingham (BHM)       |      |      |      |      | X    |      |      | X    |      |      |      |      |      |      |      |      |      |      |      |
| Charles City (CCY)     |      | X    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Charlotte (CHA)        |      | X    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Colonial Heights (COX) |      |      |      |      |      | X    |      |      | X    |      |      |      |      |      |      |      |      |      |      |
| Danville (DAX)         | X    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Dickson (DIC)          |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |
| Emporia (EMX)          |      |      |      |      |      |      | X    |      |      |      |      |      | X    |      |      |      |      |      |      |
| Essex (ESS)            |      |      |      |      | X    |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |
| Floyd                  |      |      |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |
| Galax                  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | X    |
| Grayson (GRA)          |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |
| Greensville            |      |      |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |
| Highland (HIG)         |      |      |      | X    |      |      |      | X    |      |      |      |      |      | X    |      |      |      |      |      |
| Hopewell (HOX)         | X    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| King William           |      |      |      |      |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |
| Martinsville (MVX)     | X    |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |      |      |
| Northampton (NHA)      | X    |      |      |      |      |      |      | X    |      |      |      | X    |      |      |      |      |      |      |      |
| <b>Norton (NRX)</b>    |      | X    | X    |      |      |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |
| Nottoway (NOT)         |      | X    |      |      |      | X    | X    |      |      |      |      |      |      |      |      |      |      |      |      |
| Patrick (PAT)          |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |
| Petersburg (PBX)       | X    |      |      |      |      | X    | X    |      |      |      |      |      |      |      |      |      |      |      |      |
| Poquoson (PQX)         | X    |      |      |      |      | X    |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Richmond (RIX) (city)  |      |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |      |      |
| Southampton            |      |      |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |
| Smyth (SMY)            |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |      |      |      |
| Tazewell (TAZ)         | X    |      |      |      |      |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |
| Wythe (WYT)            |      | X    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

# Mode QSOs



| Mode        | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   | 2017   | 2018   | 2019   | 2020   | 2021   | 2022   | 2023          | 2024          |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------|---------------|
| CW          | 9,660  | 13,137 | 8,553  | 12,452 | 12,108 | 8,392  | 10,607 | 8,100  | 10,518 | 12,920 | 19,727 | 23,634 | 33,646 | <b>34,284</b> | <b>33,552</b> |
| DG          | 885    | 1,308  | 543    | 600    | 274    | 150    | 709    | 183    | 970    | 294    | 568    | 463    | 650    | <b>109</b>    | <b>81</b>     |
| PH          | 35,927 | 39,276 | 35,692 | 37,768 | 39,417 | 37,250 | 38,334 | 31,656 | 30,204 | 31,681 | 41,439 | 39,699 | 49,387 | <b>52,343</b> | <b>54,667</b> |
| Grand Total | 46,472 | 53,721 | 44,788 | 50,820 | 51,799 | 45,792 | 49,660 | 39,939 | 41,699 | 44,895 | 61,734 | 63,796 | 83,683 | 86,736        | 88,300        |

**Overall increase by 4 % even though  
number of logs decreased**

**CW Increased**

**Phone increased**

**Digital decreased**

**Digital is very low!**

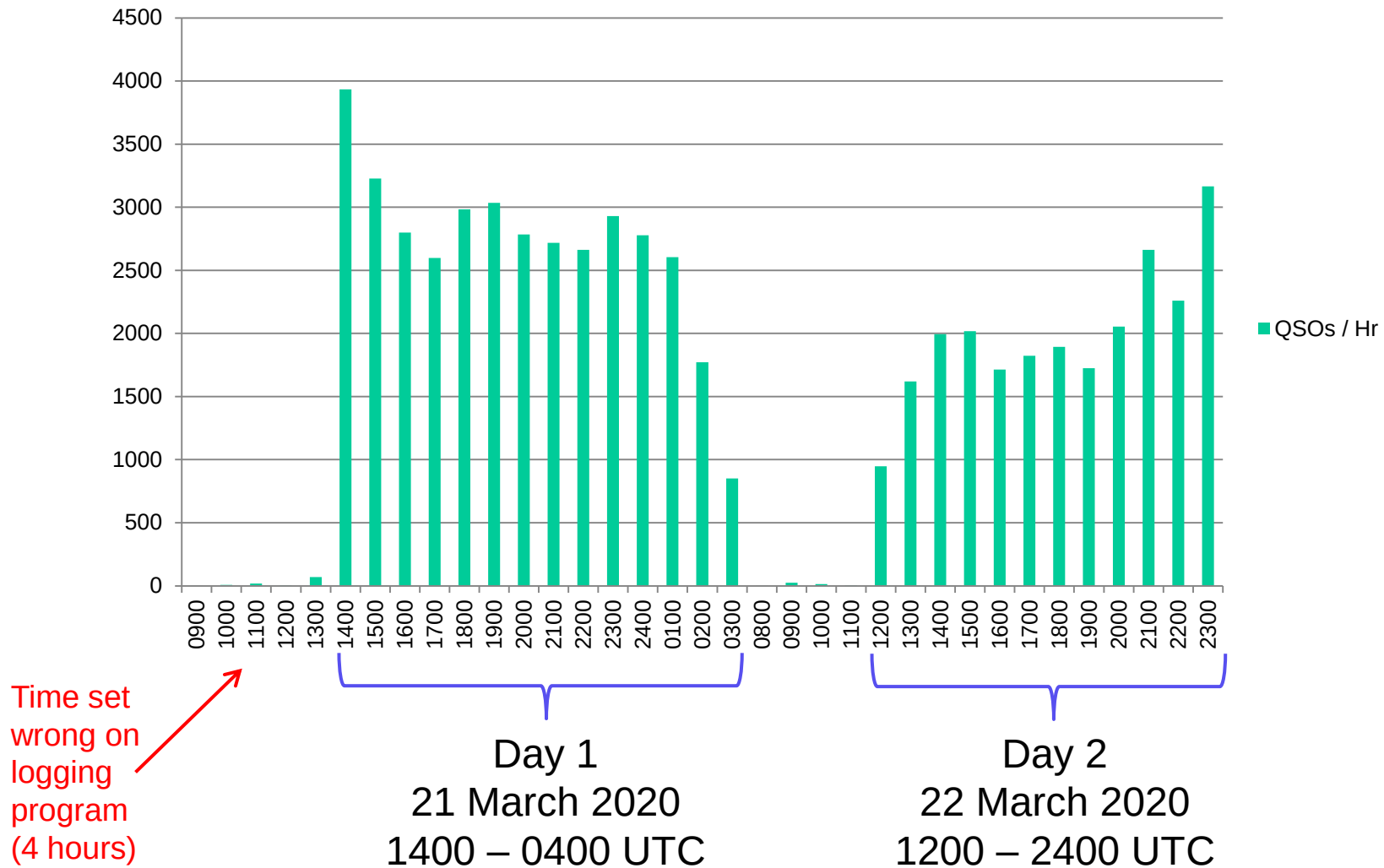
# Band QSOs

| Band        | 2016   | 2017   | 2018   | 2019   | 2020   | 2021   | 2022   | 2023   | 2024   |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 160M        | 119    | 294    | 42     | 198    | 88     | 197    | 111    | 135    | 132    |
| 80M         | 11,008 | 16,924 | 22,055 | 25,179 | 37,615 | 33,937 | 16,166 | 11,598 | 13,266 |
| 40M         | 29,319 | 13,222 | 12,556 | 13,380 | 15,188 | 18,674 | 52,264 | 53,683 | 52,753 |
| 20M         | 6,074  | 5,082  | 4,232  | 3,361  | 4,830  | 4,702  | 10,458 | 16,368 | 14,818 |
| 15M         | 430    | 269    | 189    | 221    | 173    | 194    | 1,207  | 1,846  | 3,084  |
| 10M         | 65     | 271    | 68     | 152    | 120    | 171    | 119    | 765    | 934    |
| 6M          | 146    | 345    | 77     | 164    | 126    | 179    | 204    | 123    | 110    |
| 2M          | 1,565  | 2,401  | 1,458  | 1,559  | 2,407  | 3,464  | 2,096  | 1,380  | 2,140  |
| 1.25M       | 280    | 331    | 98     | 149    | 230    | 576    | 306    | 164    | 310    |
| 70cm        | 525    | 795    | 821    | 526    | 956    | 1,561  | 734    | 668    | 724    |
| 33cm        | 128    |        |        |        |        | 110    | 18     | 2      | 25     |
| 23cm/1.24G  |        |        |        |        | 1      | 31     | 18     | 4      | 4      |
| 30M         |        |        | 74     |        |        |        |        |        |        |
| 17M         |        |        | 1      |        |        |        |        |        |        |
| 12M         |        |        | 1      |        |        |        |        |        |        |
| Grand Total | 49,660 | 39,939 | 41,669 | 44,895 | 61,734 | 63,796 | 83,683 | 86,736 | 88,300 |

40M is  
dominant  
band

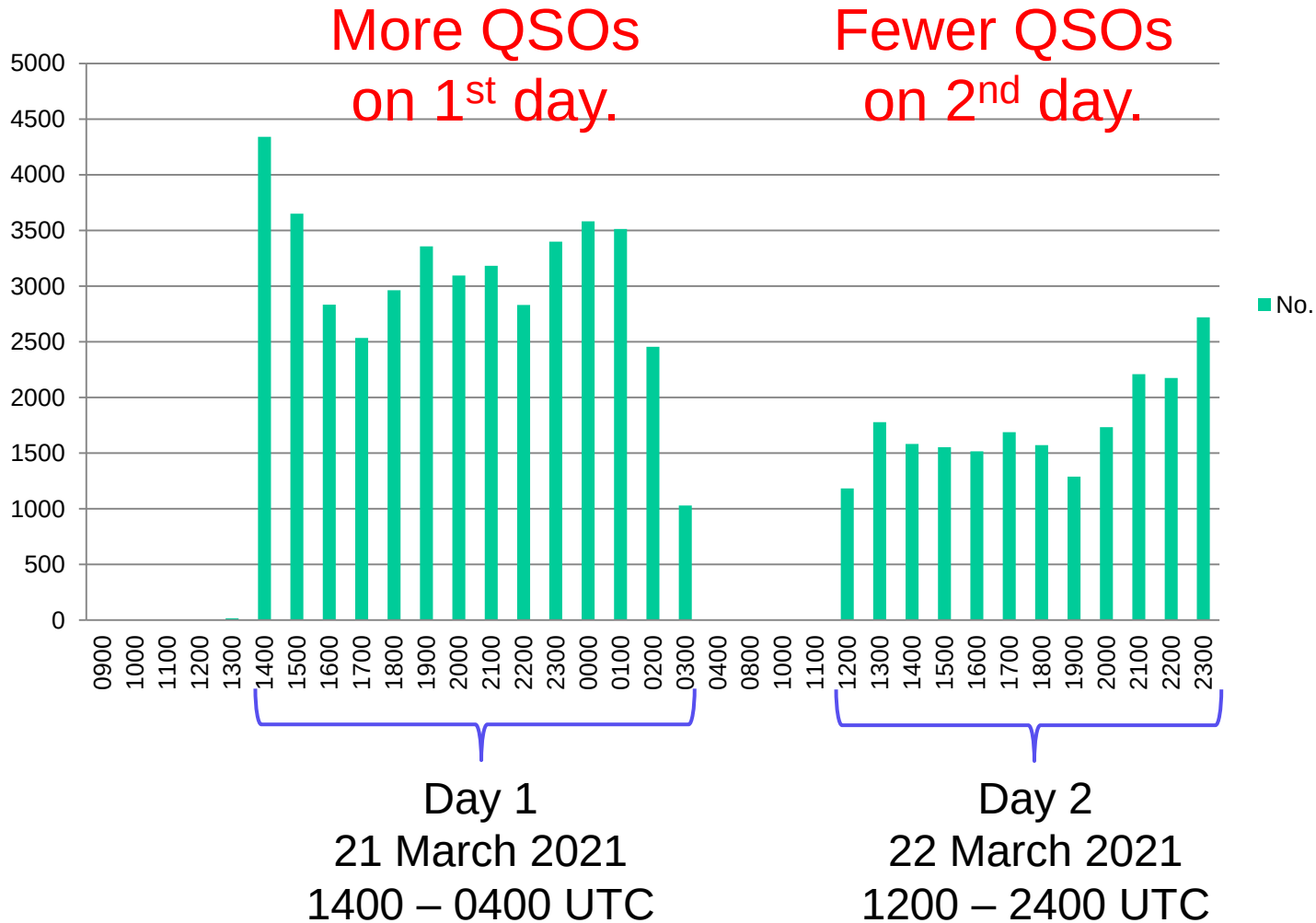
# 2020 VQP

## QSOs reported per Hour



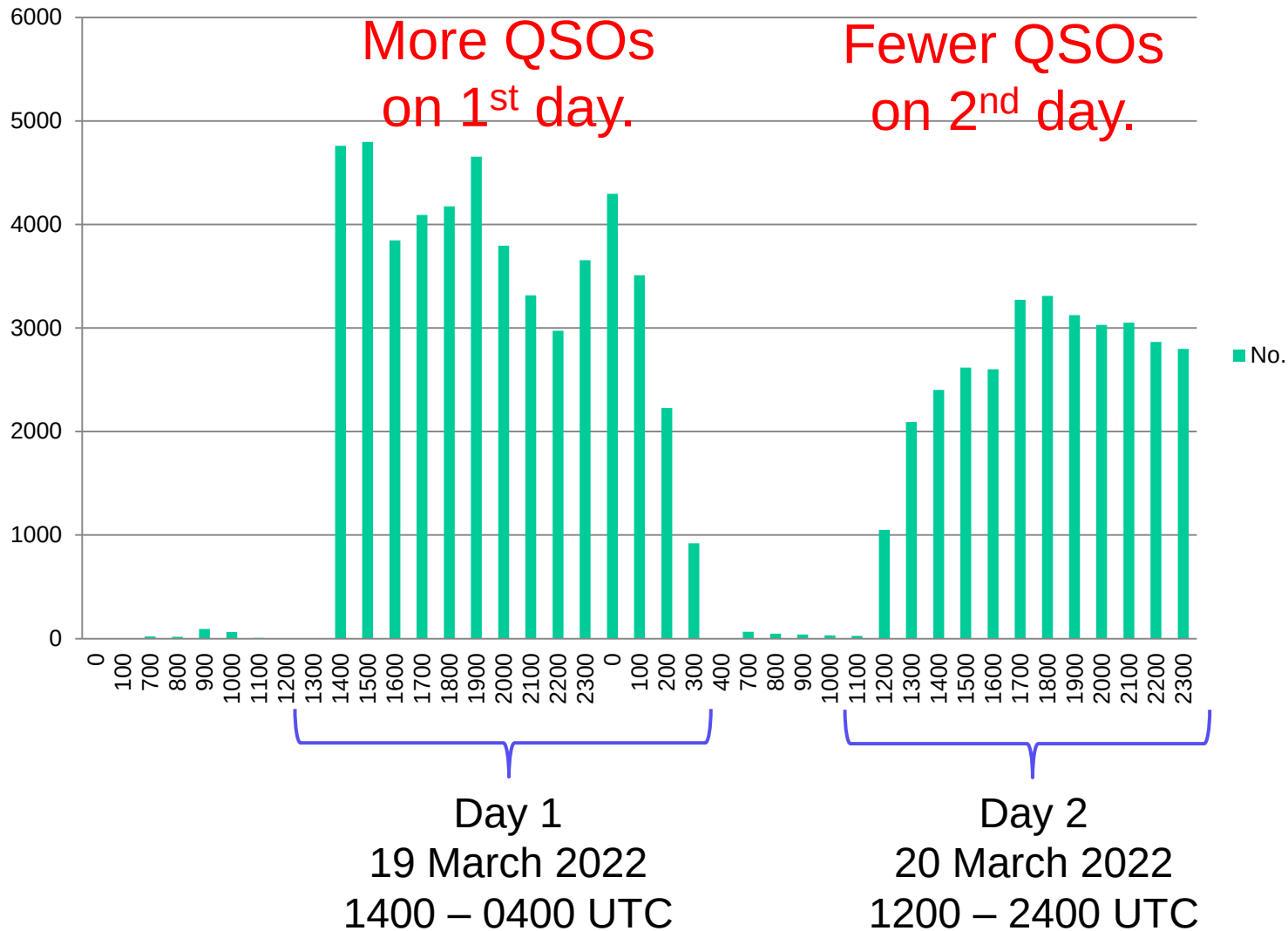
# 2021 VQP

## QSOs reported per Hour



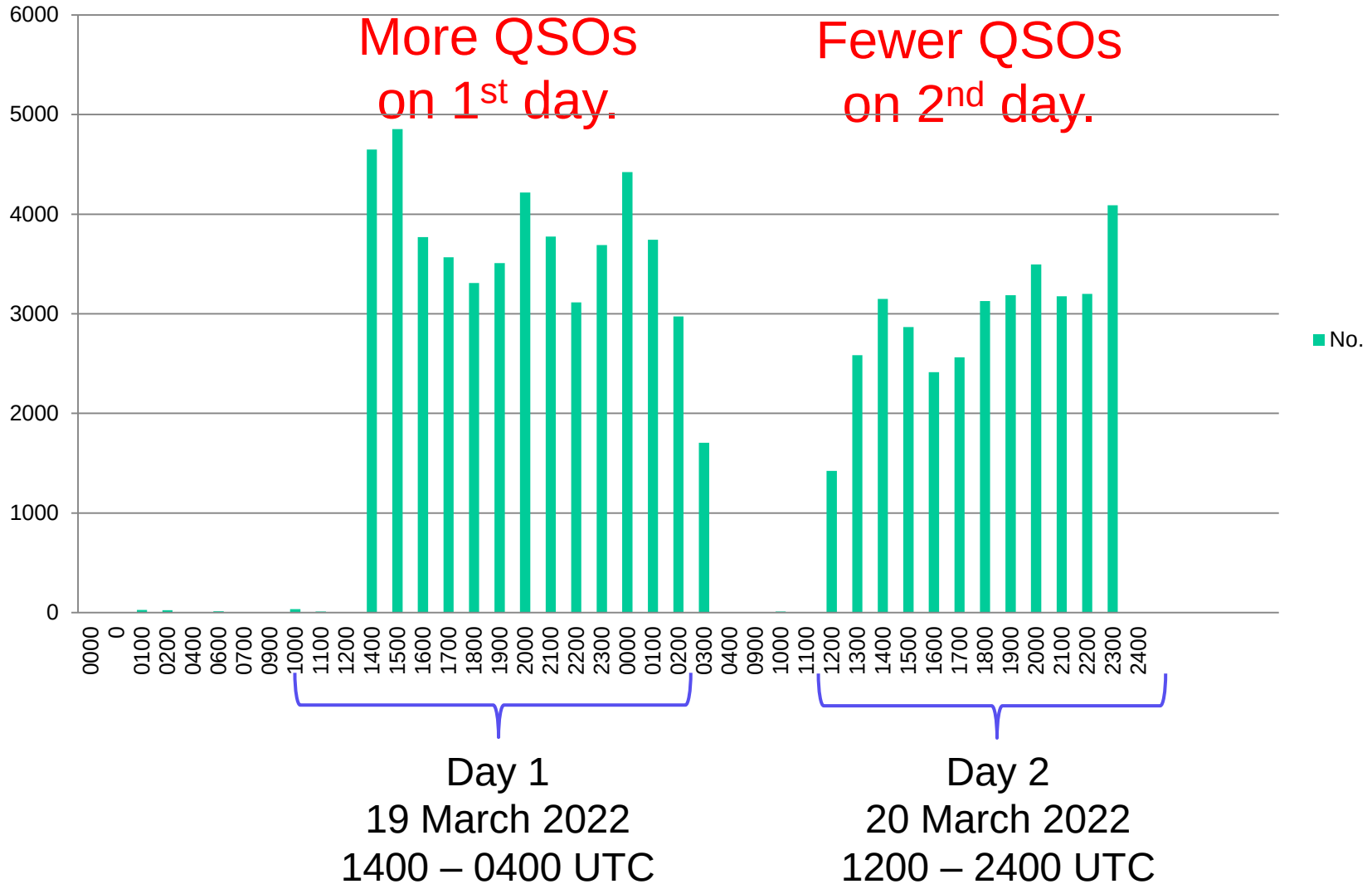
# 2022 VQP

## QSOs reported per Hour



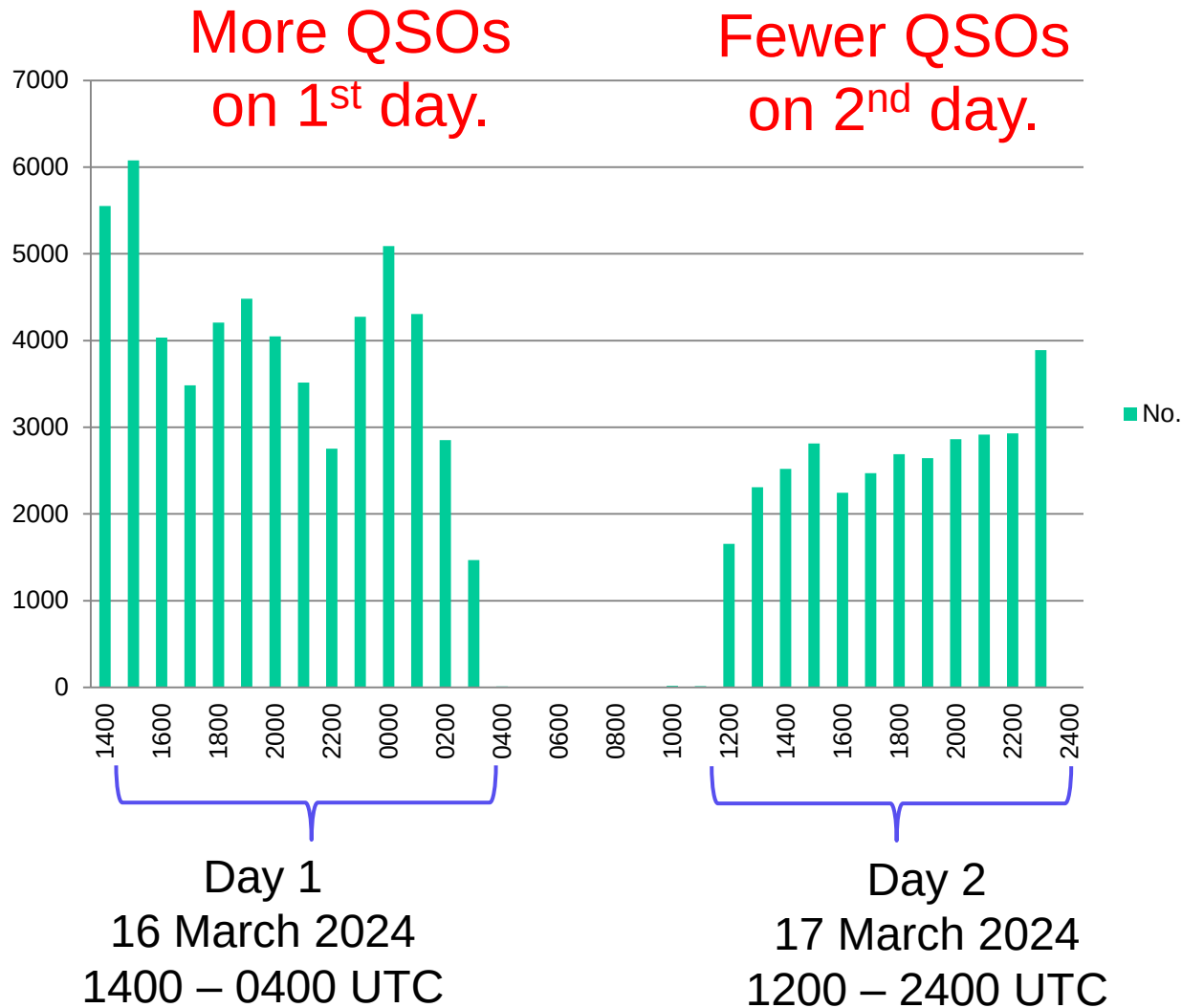
# 2023 VQP

## QSOs reported per Hour



# 2024 VQP

## QSOs reported per Hour



# Contacts in Counties and Independent Cities (1 of 6)



| C&IC          | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Accomack      | 150  | 156  | 37   | 3    | 109  | 710  | 106  | 592  | 13   | 64   | 134  | 325  | 395  | 151  | 338  | 278  | 59   | 907  | 1317 | 218  |
| Albemarle     | 7    | 84   | 189  | 586  | 172  | 826  | 1583 | 727  | 933  | 712  | 1017 | 899  | 844  | 342  | 290  | 2036 | 2616 | 3158 | 1546 | 5704 |
| Alexandria *  | 215  | 145  | 171  | 29   | 316  | 462  | 640  | 447  | 222  | 487  | 334  | 324  | 146  | 221  | 552  | 925  | 527  | 906  | 270  | 606  |
| Alleghany     | 2    | 11   | 120  | 58   | 63   | 53   | 26   | 67   | 57   | 39   | 90   | 63   | 59   | 57   | 88   | 586  | 3    | 22   | 297  | 0    |
| Amelia        | 26   | 60   | 1    | 53   | 18   | 1    | 0    | 2    | 70   | 1    | 262  | 5    | 35   | 3    | 56   | 9    | 1    | 299  | 383  | 151  |
| Amherst       | 42   | 54   | 582  | 151  | 834  | 426  | 347  | 20   | 9    | 128  | 288  | 234  | 289  | 2    | 1660 | 140  | 1273 | 1471 | 1124 | 942  |
| Appomattox    | 0    | 35   | 48   | 39   | 67   | 3    | 18   | 245  | 5    | 1    | 336  | 198  | 71   | 32   | 65   | 3    | 55   | 92   | 179  | 246  |
| Arlington     | 344  | 411  | 614  | 158  | 262  | 506  | 1422 | 1773 | 1719 | 1766 | 1872 | 1591 | 1148 | 1084 | 1148 | 1460 | 1727 | 1993 | 1629 | 267  |
| Augusta       | 4    | 40   | 532  | 604  | 601  | 827  | 1062 | 1324 | 2145 | 1104 | 1789 | 2511 | 1808 | 1520 | 1945 | 1677 | 2370 | 2181 | 1744 | 1973 |
| Bath          | 85   | 124  | 310  | 944  | 862  | 359  | 13   | 517  | 4    | 1017 | 15   | 512  | 90   | 333  | 301  | 639  | 337  | 232  | 444  | 563  |
| Bedford       | 61   | 539  | 1208 | 663  | 737  | 584  | 961  | 783  | 2130 | 1117 | 1424 | 560  | 950  | 885  | 737  | 428  | 3074 | 1236 | 1609 | 936  |
| Bedford *     | 24   | 21   | 63   | 49   | 35   | 73   | 62   | 95   | 84   | n/a  | n/a  | n/a  | n/a  | 2    | 1    | n/a  | n/a  | n/a  |      |      |
| Bland         | 0    | 4    | 2    | 32   | 4    | 2    | 28   | 0    | 118  | 8    | 64   | 1    | 62   | 29   | 68   | 131  | 6    | 72   | 318  | 1    |
| Botetourt     | 1    | 18   | 49   | 113  | 49   | 62   | 245  | 200  | 414  | 520  | 659  | 511  | 124  | 128  | 32   | 184  | 242  | 308  | 171  | 400  |
| Bristol *     | 0    | 9    | 0    | 5    | 6    | 10   | 63   | 461  | 796  | 781  | 686  | 392  | 670  | 309  | 361  | 859  | 159  | 509  | 424  | 317  |
| Brunswick     | 31   | 46   | 3    | 60   | 23   | 28   | 29   | 2    | 27   | 21   | 35   | 14   | 25   | 7    | 99   | 27   | 22   | 17   | 256  | 138  |
| Buchanan      | 2    | 2    | 1    | 0    | 1    | 0    | 25   | 0    | 203  | 19   | 22   | 40   | 4    | 20   | 3    | 175  | 4    | 71   | 164  | 1    |
| Buckingham    | 74   | 113  | 34   | 62   | 20   | 0    | 845  | 9    | 0    | 197  | 117  | 33   | 63   | 21   | 112  | 281  | 336  | 58   | 303  | 130  |
| Buena Vista * | 1    | 2    | 56   | 71   | 56   | 84   | 12   | 127  | 79   | 2    | 104  | 32   | 218  | 24   | 19   | 101  | 5    | 48   | 112  | 190  |
| Campbell      | 4    | 58   | 169  | 129  | 89   | 142  | 577  | 322  | 1158 | 787  | 615  | 231  | 243  | 133  | 347  | 194  | 968  | 528  | 765  | 395  |
| Caroline      | 5    | 24   | 51   | 85   | 35   | 17   | 434  | 356  | 162  | 524  | 387  | 1036 | 88   | 107  | 704  | 66   | 250  | 9    | 145  | 334  |
| Carroll       | 8    | 201  | 144  | 574  | 238  | 87   | 654  | 337  | 196  | 547  | 559  | 424  | 556  | 416  | 605  | 475  | 642  | 944  | 438  | 949  |
| Charles City  | 0    | 5    | 0    | 53   | 189  | 194  | 27   | 57   | 199  | 164  | 5    | 14   | 7    | 97   | 87   | 4    | 138  | 106  | 226  | 161  |

## Contacts in Counties and Independent Cities (2 of 6)



| C&IC               | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022  | 2023  | 2024  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| Charlotte          | 20   | 33   | 0    | 69   | 28   | 5    | 7    | 14   | 46   | 2    | 234  | 122  | 22   | 24   | 80   | 68   | 31   | 47    | 49    | 228   |
| Charlottesville *  | 1    | 20   | 80   | 59   | 23   | 106  | 186  | 214  | 198  | 139  | 165  | 184  | 79   | 128  | 132  | 202  | 161  | 89    | 120   | 179   |
| Chesapeake *       | 15   | 185  | 715  | 433  | 234  | 728  | 1404 | 1234 | 1162 | 865  | 1419 | 1736 | 1036 | 798  | 1534 | 1871 | 1294 | 1786  | 963   | 847   |
| Chesterfield       | 58   | 76   | 193  | 639  | 306  | 132  | 640  | 1249 | 887  | 773  | 706  | 737  | 159  | 623  | 459  | 1000 | 564  | 1687  | 1848  | 1914  |
| Clarke             | 127  | 348  | 403  | 645  | 222  | 220  | 316  | 468  | 335  | 343  | 3638 | 3702 | 466  | 4123 | 3799 | 3000 | 470  | 344   | 437   | 460   |
| Colonial Heights * | 0    | 3    | 13   | 72   | 2    | 1    | 0    | 2    | 62   | 0    | 287  | 93   | 18   | 82   | 237  | 27   | 204  | 60    | 89    | 191   |
| Covington *        | 25   | 86   | 398  | 153  | 132  | 118  | 111  | 86   | 6    | 645  | 521  | 243  | 808  | 930  | 703  | 1841 | 569  | 538   | 1352  | 1288  |
| Craig              | 1    | 9    | 128  | 106  | 104  | 242  | 89   | 561  | 479  | 519  | 81   | 74   | 25   | 52   | 5    | 202  | 2    | 26    | 249   | 745   |
| Culpeper           | 531  | 1164 | 1320 | 2212 | 2835 | 2516 | 2809 | 2424 | 2090 | 2260 | 2695 | 1608 | 1808 | 2356 | 2034 | 2898 | 4725 | 3249  | 3067  | 3829  |
| Cumberland         | 86   | 116  | 9    | 45   | 14   | 4    | 35   | 4    | 15   | 6    | 438  | 71   | 1048 | 29   | 1181 | 1476 | 2    | 657   | 212   | 1076  |
| Danville *         | 0    | 0    | 34   | 1    | 115  | 184  | 163  | 50   | 9    | 1    | 104  | 34   | 50   | 31   | 101  | 3    | 54   | 397   | 62    | 33    |
| Dickenson          | 47   | 30   | 242  | 45   | 458  | 156  | 130  | 48   | 243  | 170  | 73   | 0    | 35   | 17   | 6    | 113  | 2    | 76    | 253   | 75    |
| Dinwiddie          | 26   | 1    | 18   | 53   | 22   | 628  | 200  | 173  | 288  | 129  | 592  | 129  | 42   | 20   | 240  | 43   | 48   | 75    | 102   | 130   |
| Emporia *          | 18   | 37   | 11   | 56   | 22   | 24   | 20   | 0    | 21   | 9    | 152  | 14   | 14   | 0    | 170  | 16   | 20   | 21    | 27    | 73    |
| Essex              | 0    | 552  | 12   | 166  | 29   | 0    | 45   | 201  | 22   | 138  | 55   | 90   | 0    | 67   | 66   | 32   | 150  | 617   | 22    | 81    |
| Fairfax            | 1545 | 1304 | 3602 | 1933 | 3113 | 3142 | 4274 | 2192 | 4005 | 3428 | 2777 | 2354 | 2437 | 1792 | 2312 | 3485 | 3713 | 7097  | 6322  | 547   |
| Fairfax *          | 82   | 143  | 415  | 162  | 326  | 146  | 223  | 370  | 491  | 260  | 139  | 217  | 244  | 303  | 421  | 407  | 276  | 783   | 763   | 547   |
| Falls Church *     | 63   | 90   | 66   | 1    | 78   | 12   | 1    | 142  | 17   | 4    | 227  | 41   | 224  | 128  | 38   | 299  | 196  | 129   | 6     | 41    |
| Fauquier           | 1550 | 3936 | 5434 | 5272 | 8804 | 5970 | 8476 | 6269 | 6528 | 9013 | 5025 | 7058 | 8815 | 6919 | 6709 | 8739 | 7719 | 11949 | 10753 | 8,804 |
| Floyd              | 80   | 124  | 26   | 87   | 308  | 169  | 295  | 230  | 110  | 87   | 121  | 109  | 46   | 0    | 41   | 362  | 571  | 549   | 783   | 249   |
| Fluvanna           | 42   | 105  | 95   | 87   | 70   | 52   | 62   | 381  | 221  | 860  | 473  | 918  | 1279 | 453  | 574  | 548  | 1000 | 1192  | 1017  | 1439  |
| Franklin           | 144  | 844  | 584  | 626  | 579  | 694  | 1184 | 1130 | 1302 | 859  | 1050 | 720  | 241  | 703  | 1179 | 2439 | 1936 | 3094  | 2518  | 101   |
| Franklin *         | 15   | 58   | 28   | 84   | 44   | 68   | 230  | 94   | 72   | 55   | 13   | 18   | 11   | 8    | 79   | 14   | 17   | 88    | 67    | 101   |

# QSO Analysis

## Contacts in Counties and Independent Cities (3 of 6)



| C&IC             | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |
|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Frederick        | 86   | 322  | 948  | 149  | 405  | 359  | 615  | 970  | 710  | 1571 | 923  | 1259 | 936  | 1410 | 900  | 1785 | 3526 | 1330 | 2612 | 5813 |
| Fredericksburg * | 132  | 881  | 1222 | 233  | 52   | 676  | 52   | 445  | 814  | 2163 | 89   | 1261 | 318  | 165  | 356  | 1122 | 1163 | 1999 | 2338 | 34   |
| Galax *          | 3    | 1    | 37   | 36   | 47   | 60   | 171  | 20   | 157  | 56   | 127  | 3    | 53   | 38   | 34   | 257  | 41   | 49   | 145  | 0    |
| Giles            | 222  | 405  | 44   | 392  | 448  | 265  | 626  | 316  | 281  | 458  | 251  | 127  | 70   | 90   | 97   | 272  | 131  | 79   | 131  | 16   |
| Gloucester       | 3    | 7    | 114  | 211  | 81   | 126  | 2    | 256  | 345  | 56   | 665  | 619  | 320  | 863  | 426  | 737  | 251  | 95   | 135  | 131  |
| Goochland        | 2789 | 2562 | 4605 | 4346 | 3772 | 3527 | 2898 | 3100 | 1721 | 1925 | 3    | 1541 | 1302 | 457  | 137  | 25   | 129  | 30   | 78   | 189  |
| Grayson          | 9    | 11   | 48   | 86   | 8    | 37   | 84   | 26   | 109  | 64   | 36   | 0    | 54   | 41   | 322  | 120  | 40   | 114  | 131  | 803  |
| Greene           | 98   | 305  | 542  | 427  | 456  | 538  | 624  | 493  | 456  | 730  | 731  | 72   | 150  | 135  | 83   | 364  | 467  | 463  | 186  | 820  |
| Greensville      | 21   | 29   | 11   | 50   | 20   | 20   | 26   | 9    | 19   | 41   | 225  | 39   | 33   | 0    | 125  | 422  | 522  | 534  | 730  | 241  |
| Halifax          | 49   | 26   | 30   | 66   | 18   | 561  | 626  | 54   | 79   | 8    | 195  | 111  | 92   | 48   | 142  | 49   | 58   | 39   | 121  | 298  |
| Hampton *        | 6    | 24   | 47   | 319  | 51   | 546  | 831  | 3    | 29   | 100  | 378  | 80   | 188  | 316  | 449  | 374  | 263  | 272  | 453  | 278  |
| Hanover          | 352  | 151  | 1154 | 840  | 2063 | 2085 | 2071 | 949  | 1282 | 799  | 887  | 242  | 35   | 678  | 1058 | 1853 | 692  | 1403 | 3005 | 2457 |
| Harrisonburg *   | 11   | 35   | 18   | 29   | 350  | 303  | 832  | 1    | 155  | 211  | 124  | 46   | 508  | 212  | 65   | 150  | 154  | 180  | 65   | 48   |
| Henrico          | 142  | 222  | 1032 | 1136 | 652  | 1348 | 1510 | 1480 | 618  | 166  | 687  | 514  | 81   | 142  | 346  | 695  | 780  | 389  | 741  | 468  |
| Henry            | 1    | 1    | 33   | 108  | 85   | 172  | 297  | 85   | 54   | 1    | 94   | 111  | 51   | 45   | 151  | 20   | 68   | 276  | 302  | 252  |
| Highland         | 0    | 1    | 84   | 28   | 0    | 8    | 1    | 16   | 0    | 1    | 308  | 3    | 73   | 210  | 0    | 262  | 35   | 166  | 212  | 27   |
| Hopewell *       | 1    | 0    | 6    | 13   | 18   | 2    | 159  | 139  | 248  | 701  | 467  | 199  | 369  | 451  | 418  | 474  | 416  | 1063 | 1151 | 1157 |
| Isle of Wight    | 66   | 124  | 242  | 573  | 988  | 2258 | 967  | 1935 | 1811 | 1341 | 1184 | 271  | 384  | 894  | 225  | 1527 | 835  | 368  | 600  | 141  |
| James City       | 15   | 610  | 760  | 1025 | 1312 | 239  | 857  | 885  | 323  | 360  | 983  | 1365 | 758  | 423  | 238  | 576  | 1512 | 574  | 1807 | 1490 |
| King & Queen     | 2    | 14   | 6    | 41   | 55   | 25   | 34   | 32   | 168  | 119  | 124  | 674  | 9    | 163  | 8    | 133  | 429  | 86   | 103  | 852  |
| King George      | 24   | 46   | 86   | 44   | 311  | 311  | 991  | 860  | 1129 | 15   | 145  | 757  | 937  | 759  | 813  | 1302 | 753  | 1289 | 2384 | 3670 |
| King William     | 1    | 16   | 3    | 63   | 30   | 3    | 30   | 27   | 66   | 101  | 43   | 45   | 1    | 90   | 164  | 0    | 198  | 1246 | 105  | 174  |

# QSO Analysis

## Contacts in Counties and Independent Cities (4 of 6)



| C&IC            | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Lancaster       | 0    | 126  | 616  | 891  | 628  | 1032 | 984  | 602  | 1098 | 386  | 490  | 432  | 50   | 323  | 443  | 1459 | 657  | 1941 | 3095 | 2627 |
| Lee             | 0    | 1    | 3    | 14   | 65   | 1    | 287  | 24   | 57   | 46   | 33   | 3    | 25   | 25   | 24   | 58   | 11   | 100  | 308  | 367  |
| Lexington *     | 0    | 2    | 58   | 60   | 42   | 69   | 15   | 88   | 15   | 1    | 183  | 1    | 1    | 151  | 19   | 109  | 2    | 29   | 200  | 192  |
| Loudoun         | 1299 | 3465 | 3586 | 4347 | 8629 | 9178 | #### | 8463 | #### | #### | 3324 | 5228 | 3689 | 4095 | 3575 | 3020 | 3348 | 3695 | 6313 | 3525 |
| Louisa          | 13   | 42   | 712  | 711  | 32   | 196  | 58   | 136  | 139  | 748  | 995  | 1002 | 610  | 755  | 865  | 1001 | 1065 | 719  | 857  | 1080 |
| Lunenburg       | 12   | 45   | 9    | 49   | 72   | 1    | 49   | 55   | 90   | 128  | 192  | 73   | 136  | 153  | 162  | 184  | 49   | 23   | 46   | 153  |
| Lynchburg *     | 9    | 42   | 786  | 322  | 147  | 53   | 259  | 168  | 643  | 240  | 417  | 129  | 68   | 1368 | 252  | 449  | 878  | 577  | 86   | 732  |
| Madison         | 15   | 329  | 61   | 434  | 447  | 259  | 373  | 568  | 561  | 216  | 290  | 177  | 322  | 283  | 460  | 544  | 1079 | 434  | 571  | 645  |
| Manassas *      | 111  | 220  | 109  | 101  | 152  | 117  | 249  | 382  | 153  | 84   | 156  | 146  | 590  | 343  | 218  | 870  | 269  | 262  | 276  | 145  |
| Manassas Park * | 56   | 196  | 118  | 76   | 120  | 90   | 302  | 267  | 165  | 141  | 174  | 211  | 604  | 149  | 101  | 298  | 269  | 446  | 390  | 138  |
| Martinsville *  | 0    | 0    | 60   | 208  | 62   | 40   | 258  | 48   | 442  | 0    | 400  | 137  | 225  | 18   | 136  | 193  | 196  | 586  | 1063 | 900  |
| Mathews         | 0    | 10   | 52   | 213  | 187  | 62   | 28   | 200  | 305  | 222  | 292  | 630  | 1120 | 888  | 7    | 325  | 548  | 53   | 788  | 361  |
| Mecklenburg     | 38   | 394  | 9    | 59   | 34   | 54   | 55   | 3    | 32   | 45   | 54   | 512  | 61   | 42   | 106  | 50   | 71   | 4    | 787  | 4    |
| Middlesex       | 1    | 13   | 47   | 304  | 186  | 24   | 14   | 16   | 12   | 102  | 19   | 10   | 2    | 131  | 2    | 168  | 82   | 97   | 307  | 570  |
| Montgomery      | 118  | 1280 | 1817 | 1751 | 213  | 1197 | 613  | 612  | 598  | 1016 | 345  | 363  | 415  | 824  | 362  | 737  | 831  | 1014 | 1050 | 1158 |
| Nelson          | 10   | 111  | 287  | 230  | 275  | 47   | 121  | 157  | 554  | 21   | 268  | 62   | 78   | 59   | 495  | 188  | 437  | 692  | 243  | 374  |
| New Kent        | 0    | 12   | 699  | 329  | 31   | 12   | 32   | 161  | 1056 | 103  | 43   | 21   | 9    | 89   | 78   | 3    | 118  | 121  | 172  | 148  |
| Newport News *  | 11   | 16   | 54   | 27   | 43   | 129  | 691  | 930  | 686  | 892  | 475  | 1210 | 839  | 550  | 430  | 711  | 40   | 794  | 1059 | 1403 |
| Norfolk *       | 5    | 18   | 151  | 151  | 113  | 291  | 162  | 214  | 244  | 249  | 188  | 96   | 11   | 89   | 323  | 54   | 54   | 933  | 913  | 618  |
| Northampton     | 3    | 0    | 132  | 15   | 187  | 137  | 1    | 55   | 0    | 5    | 9    | 5    | 0    | 3    | 67   | 5    | 41   | 80   | 361  | 629  |
| Northumberland  | 23   | 140  | 195  | 267  | 145  | 976  | 2038 | 2307 | 2711 | 3154 | 3023 | 2643 | 1461 | 1356 | 1386 | 2926 | 2071 | 2886 | 2752 | 2381 |
| Norton *        | 1    | 2    | 0    | 0    | 28   | 7    | 25   | 22   | 34   | 57   | 50   | 1    | 49   | 17   | 29   | 136  | 0    | 90   | 83   | 37   |

# QSO Analysis

## Contacts in Counties and Independent Cities (5 of 6)



| C&IC           | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Nottoway       | 25   | 61   | 0    | 27   | 28   | 2    | 0    | 0    | 75   | 30   | 212  | 127  | 96   | 65   | 87   | 68   | 23   | 259  | 410  | 173  |
| Orange         | 9    | 40   | 175  | 124  | 500  | 681  | 284  | 1186 | 1501 | 1165 | 794  | 1279 | 831  | 745  | 971  | 1948 | 1096 | 1433 | 1981 | 2458 |
| Page           | 286  | 825  | 1237 | 910  | 755  | 627  | 839  | 778  | 1035 | 1137 | 1055 | 842  | 327  | 172  | 110  | 1133 | 1657 | 1905 | 1778 | 1846 |
| Patrick        | 107  | 179  | 3    | 384  | 409  | 652  | 707  | 361  | 225  | 2    | 505  | 0    | 156  | 16   | 22   | 220  | 103  | 558  | 328  | 225  |
| Petersburg *   | 25   | 0    | 1    | 70   | 17   | 1    | 0    | 0    | 81   | 26   | 274  | 50   | 23   | 92   | 238  | 22   | 20   | 144  | 42   | 128  |
| Pittsylvania   | 200  | 1    | 109  | 92   | 207  | 776  | 1065 | 63   | 59   | 34   | 165  | 96   | 38   | 114  | 101  | 124  | 59   | 301  | 744  | 49   |
| Poquoson *     | 7    | 0    | 27   | 10   | 21   | 11   | 0    | 1    | 11   | 12   | 487  | 566  | 7    | 286  | 8    | 229  | 149  | 362  | 418  | 216  |
| Portsmouth *   | 38   | 34   | 108  | 146  | 123  | 69   | 31   | 43   | 88   | 98   | 103  | 187  | 46   | 115  | 78   | 108  | 56   | 258  | 141  | 244  |
| Powhatan       | 54   | 1166 | 2223 | 1919 | 1157 | 1922 | 15   | 4    | 12   | 25   | 167  | 15   | 3    | 3    | 142  | 257  | 621  | 1591 | 323  | 406  |
| Prince Edward  | 47   | 91   | 20   | 51   | 54   | 3    | 27   | 151  | 209  | 8    | 278  | 80   | 76   | 57   | 630  | 18   | 63   | 240  | 315  | 391  |
| Prince George  | 333  | 3    | 19   | 60   | 46   | 25   | 10   | 3    | 76   | 27   | 265  | 81   | 15   | 109  | 280  | 21   | 113  | 185  | 76   | 89   |
| Prince William | 396  | 1166 | 3031 | 2125 | 974  | 2580 | 2728 | 2498 | 1447 | 1914 | 3537 | 2636 | 2321 | 3469 | 2665 | 3425 | 4397 | 5221 | 5022 | 3585 |
| Pulaski        | 7    | 288  | 4    | 30   | 2    | 30   | 42   | 6    | 262  | 93   | 90   | 57   | 45   | 655  | 74   | 450  | 1296 | 1424 | 2566 | 791  |
| Radford *      | 4    | 5    | 1    | 21   | 4    | 54   | 51   | 72   | 66   | 22   | 32   | 21   | 164  | 35   | 32   | 154  | 66   | 29   | 284  | 218  |
| Rappahannock   | 79   | 440  | 274  | 896  | 298  | 491  | 335  | 756  | 649  | 426  | 413  | 133  | 829  | 207  | 399  | 434  | 900  | 740  | 918  | 2076 |
| Richmond       | 364  | 65   | 23   | 87   | 68   | 7    | 46   | 107  | 4    | 81   | 83   | 129  | 1    | 90   | 8    | 55   | 231  | 124  | 164  | 507  |
| Richmond *     | 19   | 14   | 201  | 36   | 77   | 78   | 169  | 34   | 60   | 0    | 132  | 148  | 4    | 174  | 152  | 25   | 93   | 29   | 88   | 507  |
| Roanoke        | 44   | 93   | 409  | 217  | 144  | 416  | 593  | 634  | 250  | 403  | 366  | 357  | 375  | 161  | 588  | 738  | 1220 | 1757 | 825  | 307  |
| Roanoke *      | 10   | 17   | 208  | 225  | 108  | 990  | 801  | 243  | 65   | 91   | 71   | 35   | 30   | 24   | 104  | 468  | 96   | 190  | 252  | 307  |
| Rockbridge     | 0    | 37   | 76   | 103  | 177  | 125  | 86   | 226  | 278  | 293  | 650  | 7    | 376  | 435  | 1023 | 891  | 853  | 1223 | 824  | 1515 |
| Rockingham     | 19   | 108  | 370  | 562  | 677  | 710  | 1036 | 798  | 948  | 1431 | 1533 | 1085 | 351  | 196  | 862  | 1760 | 1520 | 3518 | 2021 | 2495 |
| Russell        | 0    | 51   | 47   | 34   | 215  | 393  | 98   | 52   | 286  | 180  | 203  | 112  | 98   | 61   | 84   | 89   | 3    | 127  | 142  | 181  |

# QSO Analysis

## Contacts in Counties and Independent Cities

(6 of 6)



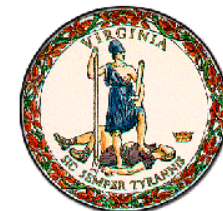
| C&IC             | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |
|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Salem *          | 3    | 20   | 127  | 499  | 136  | 453  | 75   | 409  | 280  | 312  | 68   | 349  | 64   | 134  | 161  | 226  | 663  | 106  | 722  | 963  |
| Scott            | 53   | 91   | 77   | 61   | 186  | 59   | 104  | 46   | 206  | 48   | 109  | 9    | 276  | 36   | 53   | 113  | 47   | 135  | 306  | 60   |
| Shenandoah       | 48   | 200  | 216  | 64   | 36   | 71   | 129  | 653  | 295  | 472  | 520  | 621  | 396  | 503  | 582  | 1515 | 1551 | 2731 | 2719 | 3245 |
| Smyth            | 0    | 1153 | 2    | 9    | 211  | 5    | 428  | 253  | 0    | 434  | 32   | 574  | 260  | 174  | 87   | 143  | 2    | 305  | 682  | 312  |
| Southampton      | 14   | 37   | 15   | 65   | 114  | 37   | 817  | 10   | 7    | 26   | 32   | 62   | 20   | 0    | 162  | 1    | 22   | 147  | 616  | 816  |
| Spotsylvania     | 20   | 92   | 325  | 199  | 409  | 161  | 397  | 443  | 428  | 506  | 173  | 356  | 107  | 533  | 1086 | 1143 | 1698 | 47   | 418  | 646  |
| Stafford         | 1193 | 1623 | 1295 | 1671 | 1020 | 131  | 153  | 1235 | 341  | 100  | 332  | 467  | 56   | 301  | 197  | 1101 | 382  | 240  | 511  | 891  |
| Staunton *       | 13   | 35   | 86   | 64   | 58   | 43   | 43   | 22   | 18   | 2    | 152  | 558  | 294  | 7    | 42   | 74   | 894  | 78   | 5    | 200  |
| Suffolk *        | 1    | 41   | 7    | 44   | 87   | 66   | 37   | 59   | 306  | 154  | 645  | 496  | 344  | 329  | 593  | 82   | 68   | 905  | 548  | 235  |
| Surry            | 0    | 1    | 1    | 22   | 182  | 205  | 352  | 237  | 202  | 192  | 348  | 57   | 92   | 251  | 80   | 86   | 95   | 321  | 240  | 294  |
| Sussex           | 12   | 5    | 6    | 63   | 30   | 43   | 1020 | 5    | 5    | 8    | 181  | 67   | 3    | 4    | 160  | 1    | 19   | 144  | 37   | 165  |
| Tazewell         | 36   | 0    | 26   | 52   | 489  | 70   | 177  | 16   | 233  | 168  | 114  | 530  | 177  | 27   | 89   | 162  | 0    | 189  | 184  | 4    |
| Virginia Beach * | 9    | 2421 | 1083 | 993  | 1029 | 1897 | 360  | 506  | 715  | 236  | 1330 | 2216 | 262  | 440  | 461  | 942  | 605  | 1605 | 950  | 1027 |
| Warren           | 83   | 357  | 316  | 415  | 205  | 454  | 670  | 832  | 515  | 770  | 484  | 418  | 973  | 561  | 339  | 520  | 1029 | 844  | 616  | 1287 |
| Washington       | 3    | 19   | 10   | 10   | 159  | 12   | 116  | 52   | 43   | 199  | 416  | 225  | 127  | 329  | 213  | 326  | 256  | 1040 | 1246 | 1252 |
| Waynesboro *     | 38   | 56   | 424  | 266  | 352  | 508  | 390  | 273  | 418  | 1114 | 533  | 677  | 467  | 361  | 32   | 120  | 698  | 367  | 26   | 107  |
| Westmoreland     | 6    | 89   | 23   | 25   | 30   | 396  | 31   | 50   | 79   | 106  | 89   | 164  | 1    | 315  | 6    | 58   | 514  | 2    | 273  | 145  |
| Williamsburg *   | 1    | 3    | 92   | 134  | 85   | 103  | 76   | 115  | 80   | 595  | 61   | 3    | 3    | 103  | 4    | 113  | 159  | 138  | 200  | 184  |
| Winchester *     | 21   | 89   | 163  | 103  | 9    | 107  | 654  | 1099 | 661  | 214  | 188  | 237  | 240  | 1080 | 237  | 257  | 217  | 845  | 964  | 1776 |
| Wise             | 11   | 3    | 144  | 711  | 902  | 1240 | 1293 | 40   | 109  | 112  | 102  | 4    | 52   | 32   | 142  | 137  | 2    | 121  | 231  | 25   |
| Wythe            | 5    | 3    | 0    | 45   | 175  | 52   | 226  | 20   | 75   | 1064 | 1176 | 1030 | 1691 | 955  | 1113 | 75   | 1034 | 1935 | 2306 | 2419 |
| York             | 2    | 35   | 368  | 462  | 382  | 169  | 352  | 310  | 59   | 558  | 402  | 641  | 149  | 338  | 213  | 194  | 197  | 1803 | 984  | 989  |

# Counties and Independent Cities Activated

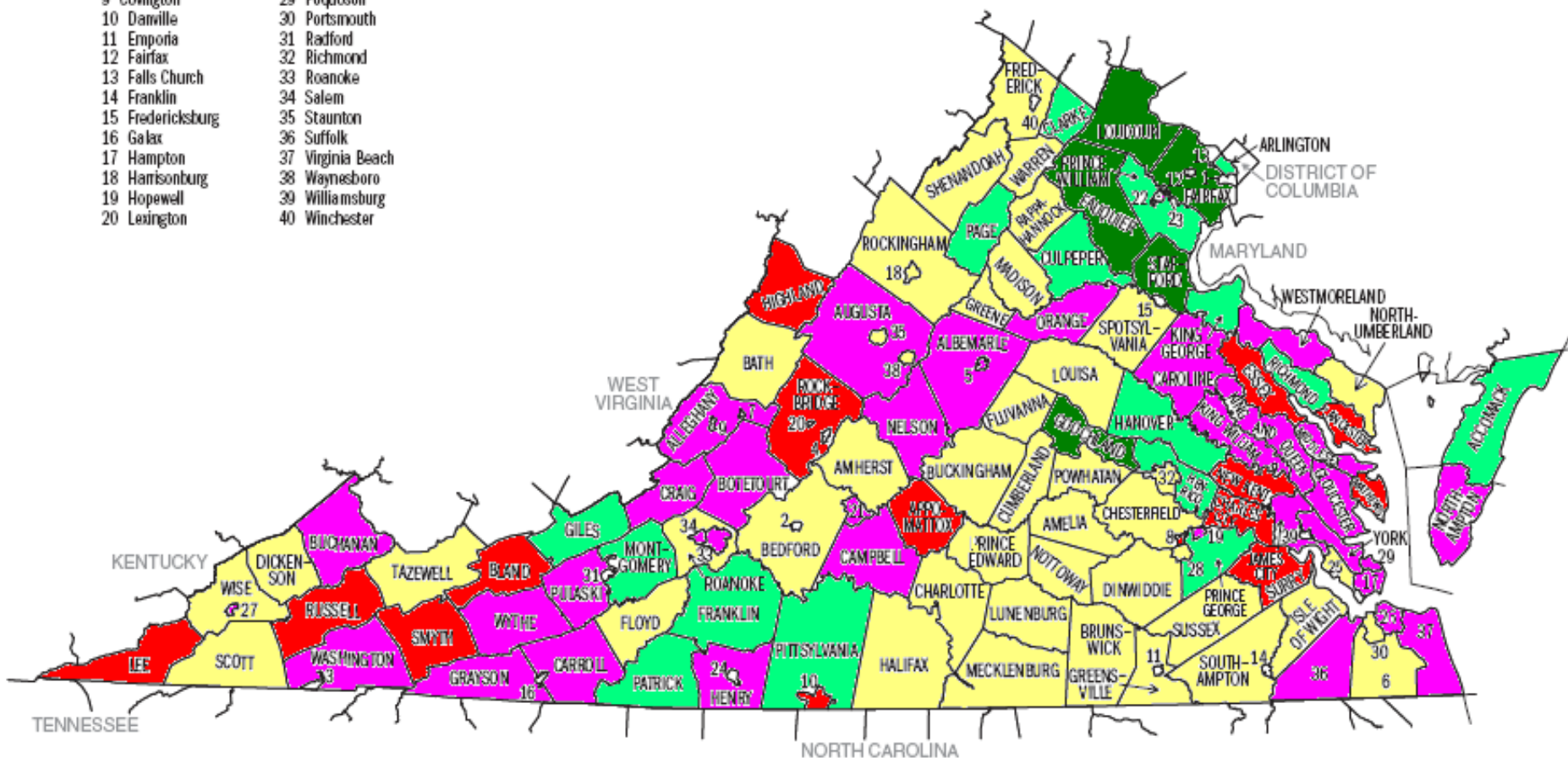


| QSO Count | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|-----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 0         | 18 | 7  | 6  | 2  | 1  | 3  | 5  | 5  | 4  | 3  | 0  | 3  | 2  | 4  | 1  | 1  | 2  | 0  | 0  | 2  |
| 1-10      | 38 | 24 | 20 | 7  | 8  | 18 | 6  | 15 | 8  | 18 | 3  | 13 | 14 | 9  | 11 | 8  | 12 | 3  | 2  | 4  |
| 11-100    | 55 | 55 | 45 | 58 | 51 | 39 | 41 | 36 | 40 | 31 | 27 | 34 | 48 | 39 | 34 | 26 | 33 | 32 | 16 | 14 |
| 101-1000  | 18 | 37 | 48 | 56 | 64 | 60 | 64 | 61 | 62 | 61 | 85 | 62 | 55 | 70 | 71 | 71 | 59 | 63 | 82 | 82 |
| >1000     | 5  | 11 | 15 | 11 | 10 | 14 | 18 | 17 | 20 | 20 | 18 | 21 | 14 | 12 | 17 | 27 | 27 | 35 | 33 | 31 |

**Mobiles, Rovers and Expeditions do exceptionally well at providing coverage of Virginia!**



- |                    |                   |
|--------------------|-------------------|
| 1 Alexandria       | 21 Lynchburg      |
| 2 Bedford          | 22 Manassas       |
| 3 Bristol          | 23 Manassas Park  |
| 4 Buena Vista      | 24 Martinsville   |
| 5 Charlottesville  | 25 Newport News   |
| 6 Chesapeake       | 26 Norfolk        |
| 7 Clifton Forge    | 27 Norton         |
| 8 Colonial Heights | 28 Petersburg     |
| 9 Covington        | 29 Poquoson       |
| 10 Danville        | 30 Portsmouth     |
| 11 Emporia         | 31 Radford        |
| 12 Fairfax         | 32 Richmond       |
| 13 Falls Church    | 33 Roanoke        |
| 14 Franklin        | 34 Salem          |
| 15 Fredericksburg  | 35 Staunton       |
| 16 Galax           | 36 Suffolk        |
| 17 Hampton         | 37 Virginia Beach |
| 18 Harrisonburg    | 38 Waynesboro     |
| 19 Hopewell        | 39 Williamsburg   |
| 20 Lexington       | 40 Winchester     |



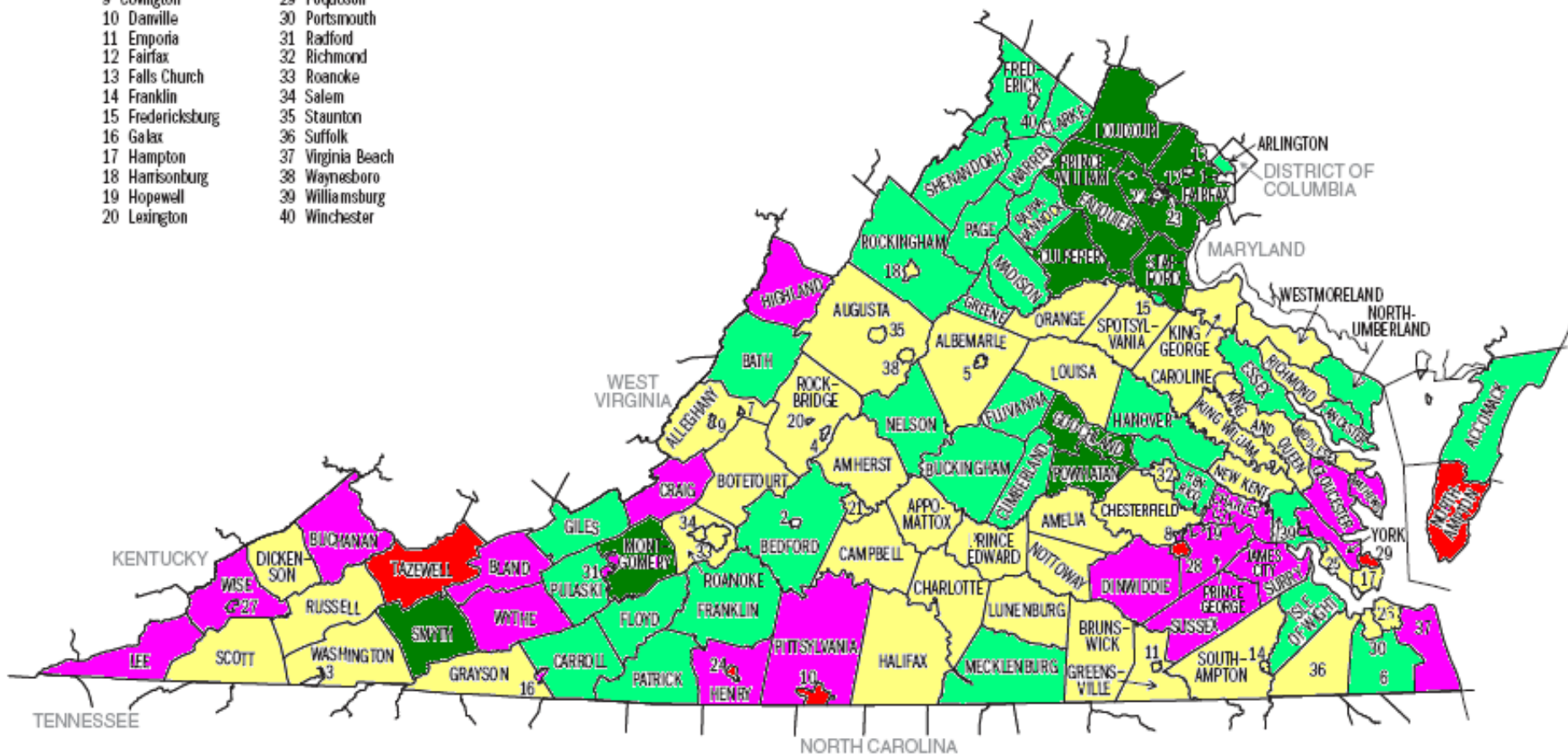
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# 2006 QSO Contact Analysis

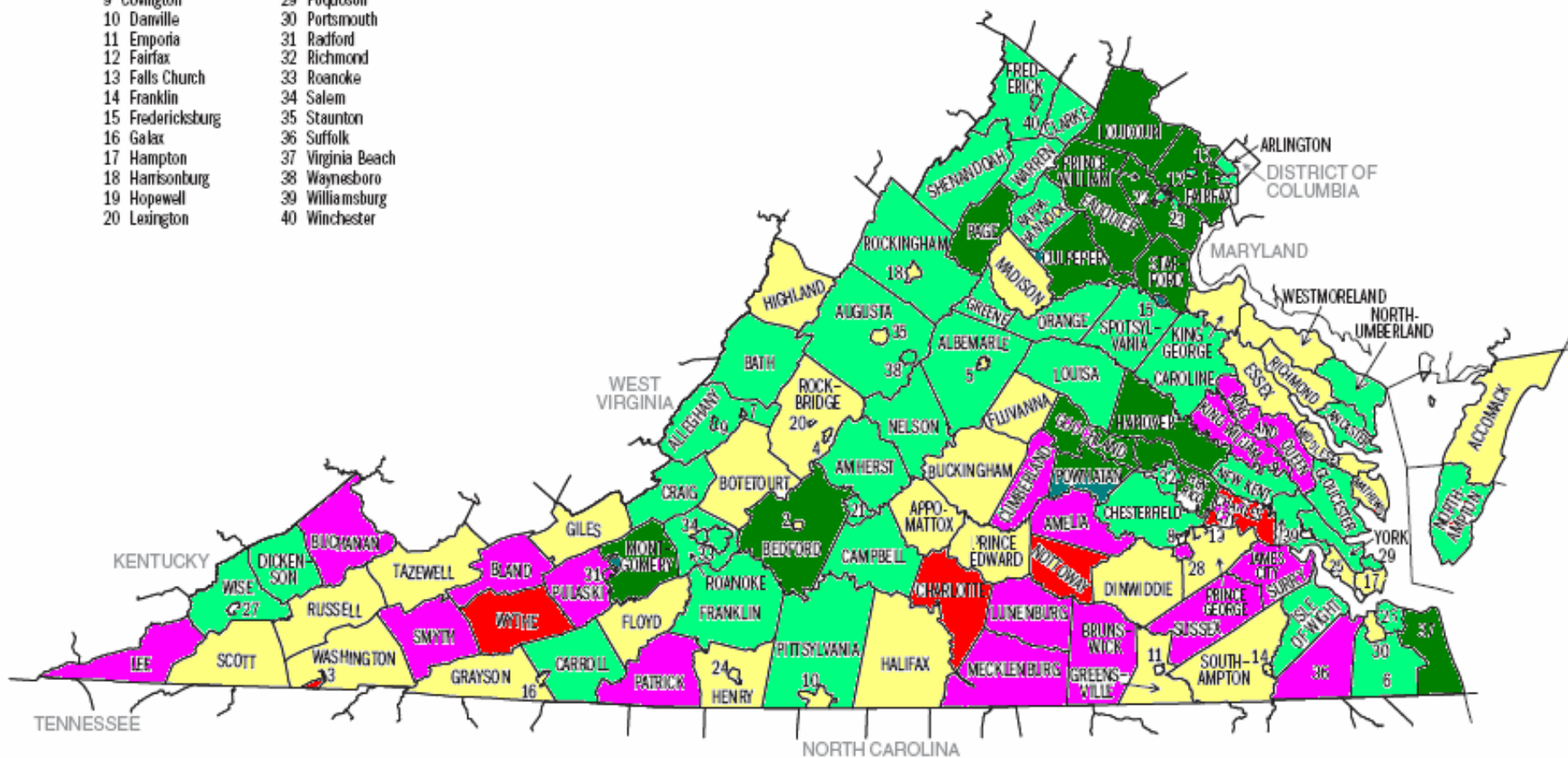


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|--------------------|-------------------|
| 1 Alexandria       | 21 Lynchburg      |
| 2 Bedford          | 22 Manassas       |
| 3 Bristol          | 23 Manassas Park  |
| 4 Buena Vista      | 24 Martinsville   |
| 5 Charlottesville  | 25 Newport News   |
| 6 Chesapeake       | 26 Norfolk        |
| 7 Clifton Forge    | 27 Norton         |
| 8 Colonial Heights | 28 Petersburg     |
| 9 Covington        | 29 Poquoson       |
| 10 Danville        | 30 Portsmouth     |
| 11 Emporia         | 31 Radford        |
| 12 Fairfax         | 32 Richmond       |
| 13 Falls Church    | 33 Roanoke        |
| 14 Franklin        | 34 Salem          |
| 15 Fredericksburg  | 35 Staunton       |
| 16 Galax           | 36 Suffolk        |
| 17 Hampton         | 37 Virginia Beach |
| 18 Harrisonburg    | 38 Waynesboro     |
| 19 Hopewell        | 39 Williamsburg   |
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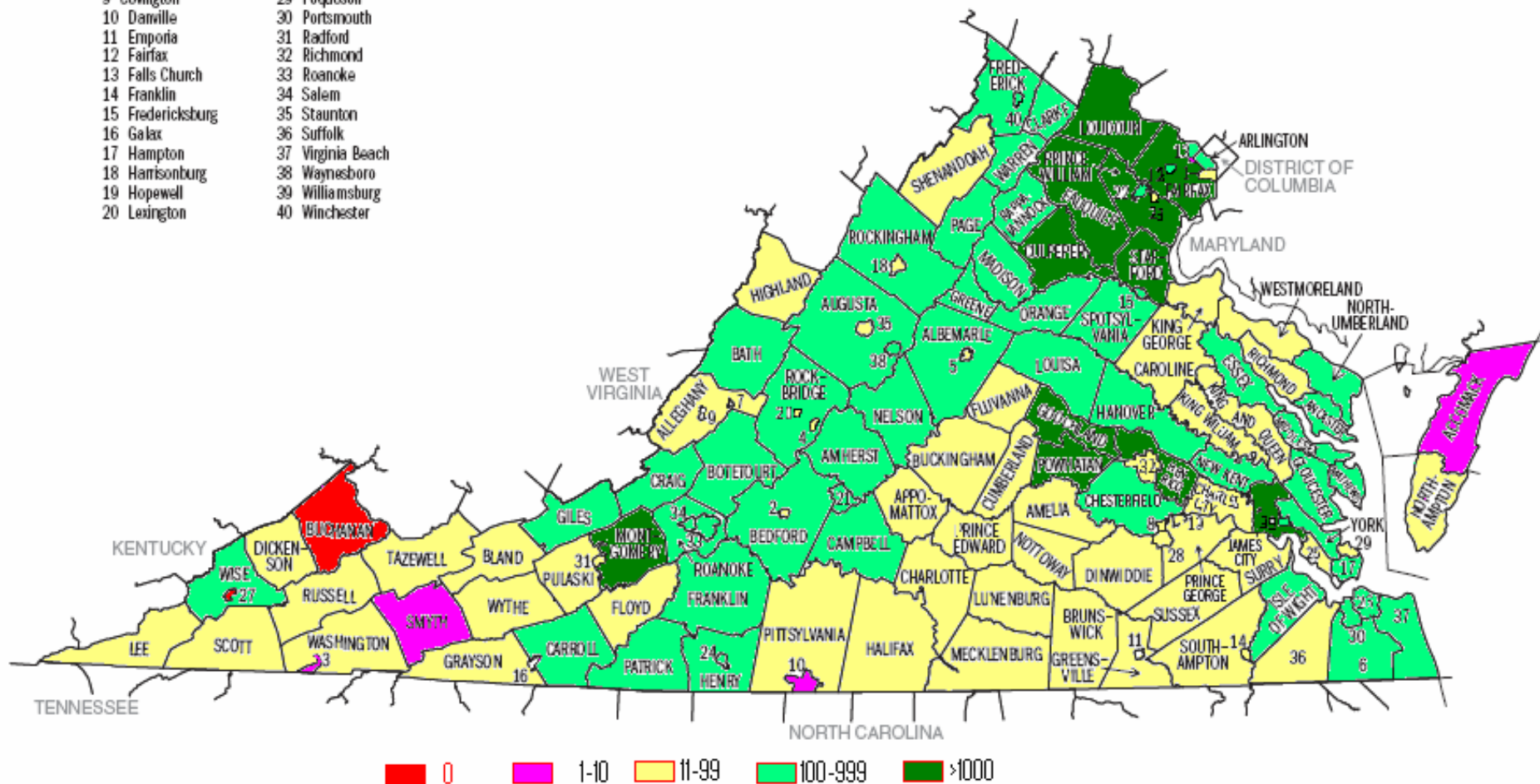
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|--------------------|-------------------|
| 1 Alexandria       | 21 Lynchburg      |
| 2 Bedford          | 22 Manassas       |
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| 5 Charlottesville  | 25 Newport News   |
| 6 Chesapeake       | 26 Norfolk        |
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| 12 Fairfax         | 32 Richmond       |
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| 16 Galax           | 36 Suffolk        |
| 17 Hampton         | 37 Virginia Beach |
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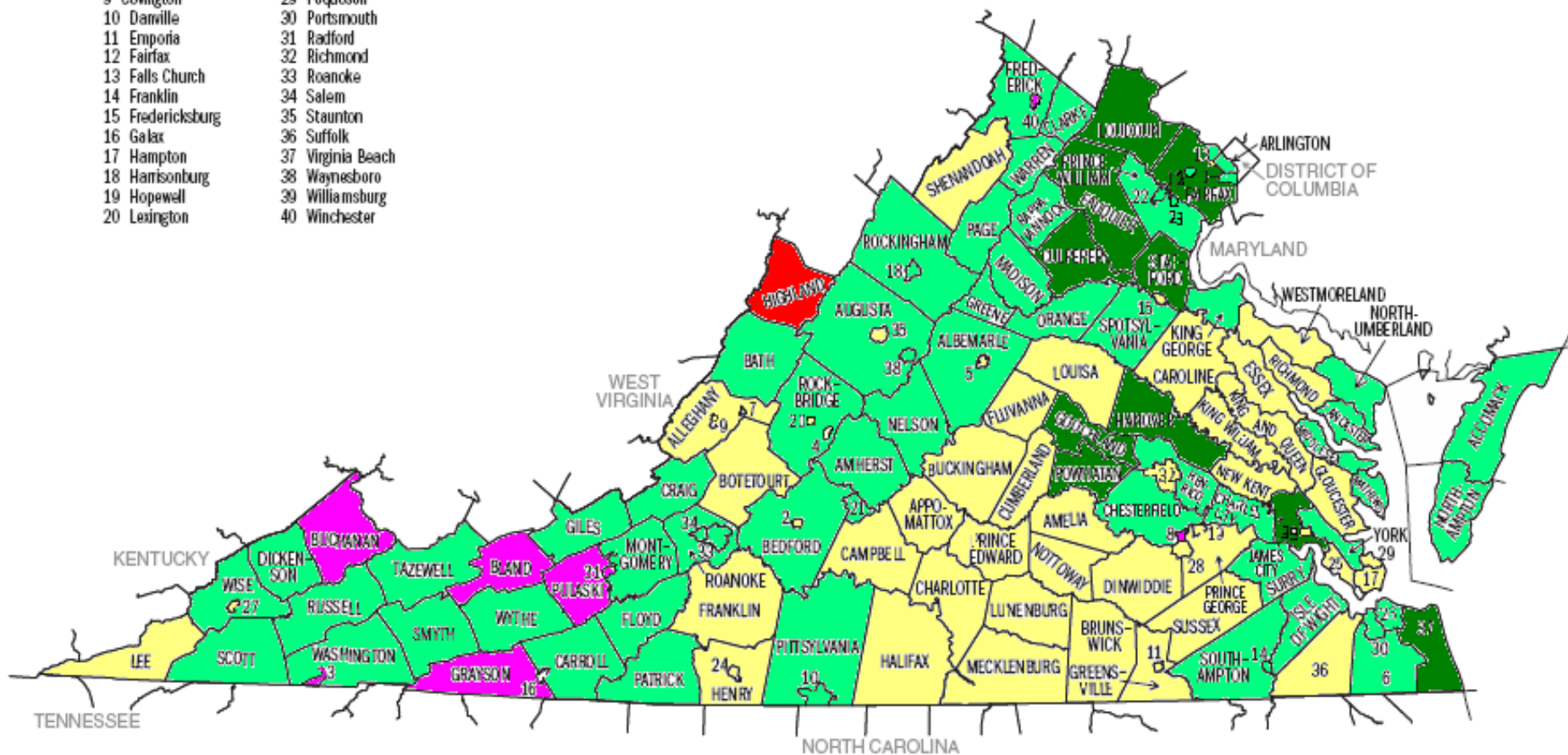


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|--------------------|-------------------|
| 1 Alexandria       | 21 Lynchburg      |
| 2 Bedford          | 22 Manassas       |
| 3 Bristol          | 23 Manassas Park  |
| 4 Buena Vista      | 24 Martinsville   |
| 5 Charlottesville  | 25 Newport News   |
| 6 Chesapeake       | 26 Norfolk        |
| 7 Clifton Forge    | 27 Norton         |
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| 9 Covington        | 29 Poquoson       |
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| 13 Falls Church    | 33 Roanoke        |
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| 15 Fredericksburg  | 35 Staunton       |
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- |                    |                   |
|--------------------|-------------------|
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| 4 Buena Vista      | 24 Martinsville   |
| 5 Charlottesville  | 25 Newport News   |
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| 11 Emporia         | 31 Radford        |
| 12 Fairfax         | 32 Richmond       |
| 13 Falls Church    | 33 Roanoke        |
| 14 Franklin        | 34 Salem          |
| 15 Fredericksburg  | 35 Staunton       |
| 16 Galax           | 36 Suffolk        |
| 17 Hampton         | 37 Virginia Beach |
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| 19 Hopewell        | 39 Williamsburg   |
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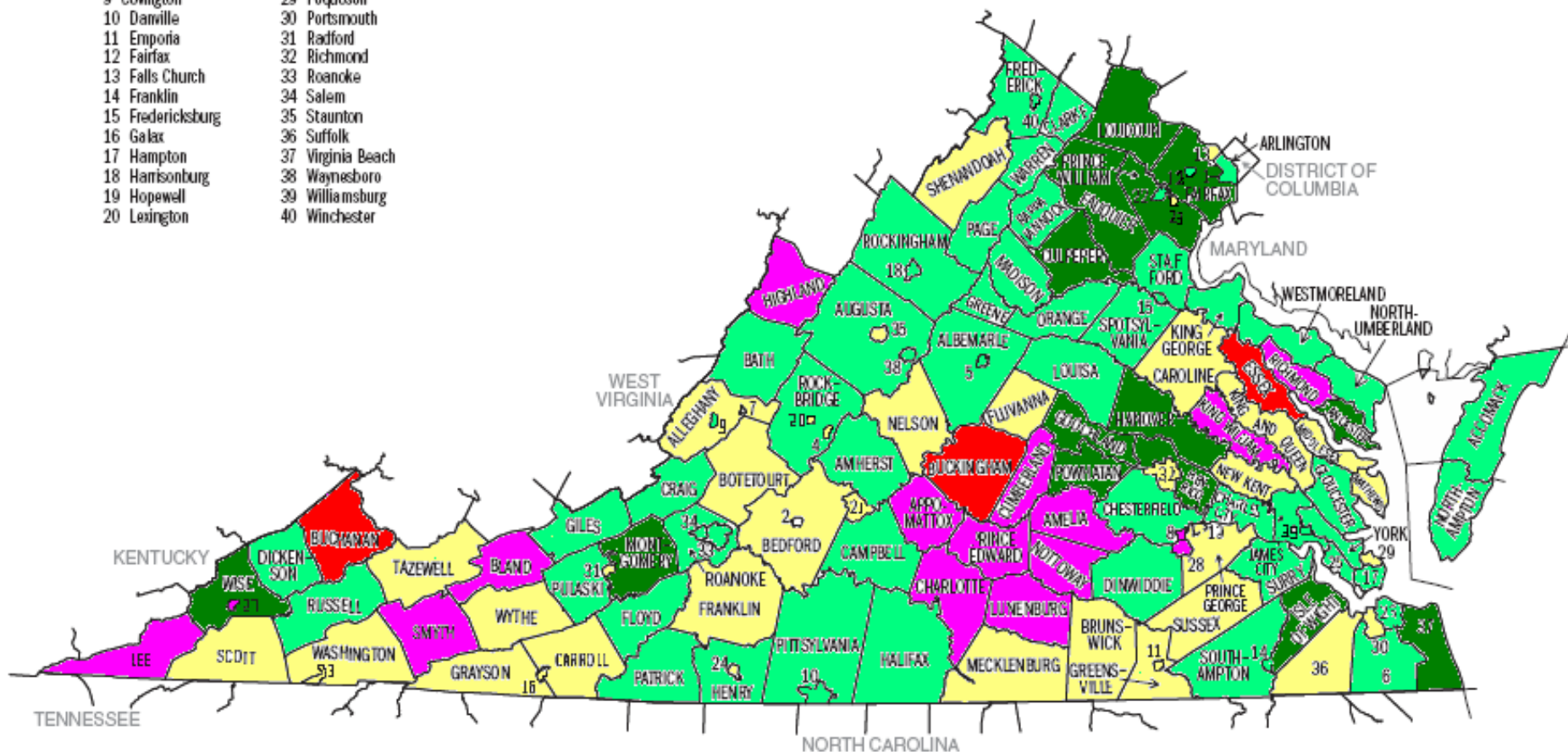


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# 2010 QSO Contact Analysis



- |                    |                   |
|--------------------|-------------------|
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| 2 Bedford          | 22 Manassas       |
| 3 Bristol          | 23 Manassas Park  |
| 4 Buena Vista      | 24 Martinsville   |
| 5 Charlottesville  | 25 Newport News   |
| 6 Chesapeake       | 26 Norfolk        |
| 7 Clifton Forge    | 27 Norton         |
| 8 Colonial Heights | 28 Petersburg     |
| 9 Covington        | 29 Poquoson       |
| 10 Danville        | 30 Portsmouth     |
| 11 Emporia         | 31 Radford        |
| 12 Fairfax         | 32 Richmond       |
| 13 Falls Church    | 33 Roanoke        |
| 14 Franklin        | 34 Salem          |
| 15 Fredericksburg  | 35 Staunton       |
| 16 Galax           | 36 Suffolk        |
| 17 Hampton         | 37 Virginia Beach |
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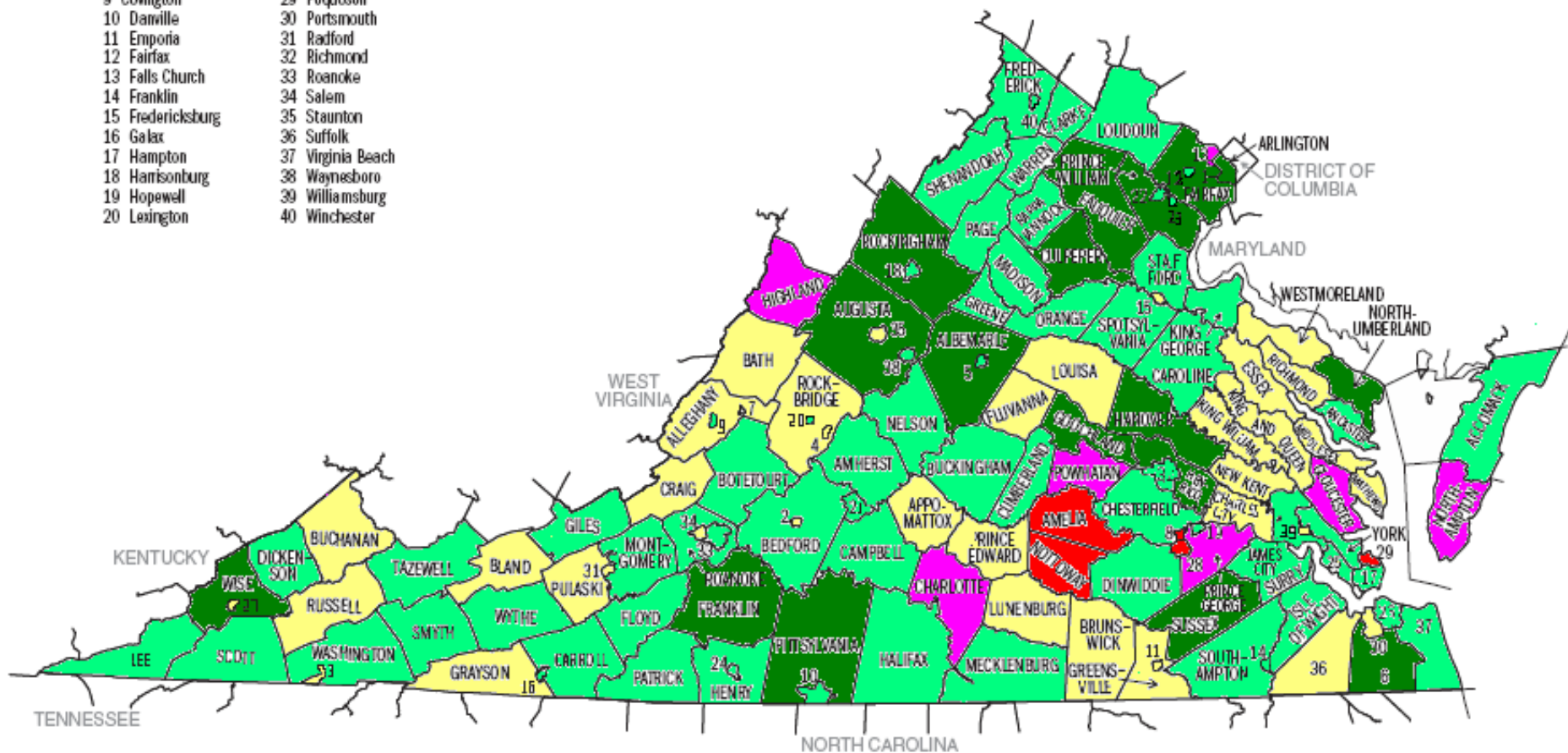


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# 2011 QSO Contact Analysis

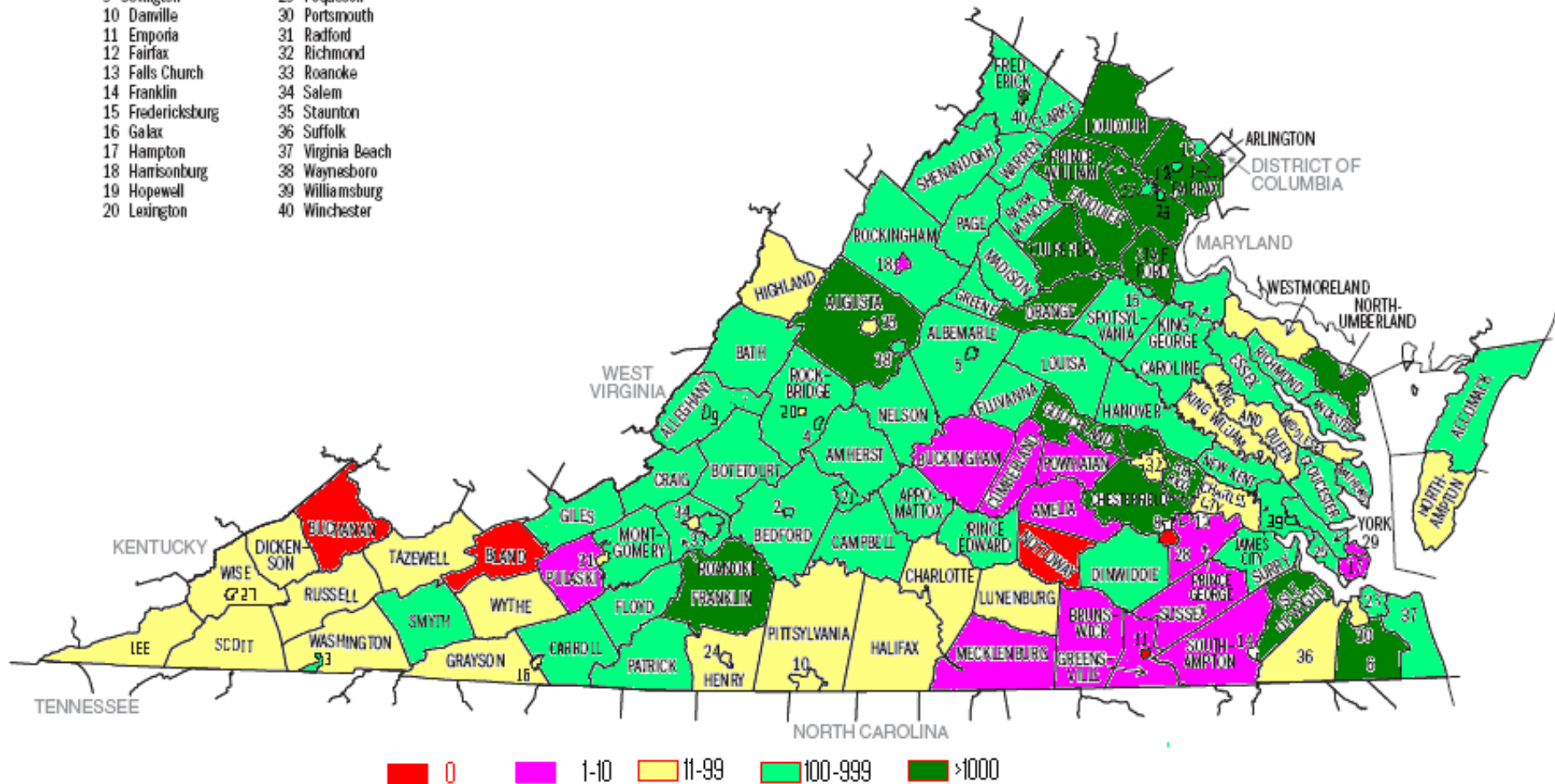


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|--------------------|-------------------|
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| 2 Bedford          | 22 Manassas       |
| 3 Bristol          | 23 Manassas Park  |
| 4 Buena Vista      | 24 Martinsville   |
| 5 Charlottesville  | 25 Newport News   |
| 6 Chesapeake       | 26 Norfolk        |
| 7 Clifton Forge    | 27 Norton         |
| 8 Colonial Heights | 28 Petersburg     |
| 9 Covington        | 29 Poquoson       |
| 10 Danville        | 30 Portsmouth     |
| 11 Emporia         | 31 Radford        |
| 12 Fairfax         | 32 Richmond       |
| 13 Falls Church    | 33 Roanoke        |
| 14 Franklin        | 34 Salem          |
| 15 Fredericksburg  | 35 Staunton       |
| 16 Galax           | 36 Suffolk        |
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| 18 Harrisonburg    | 38 Waynesboro     |
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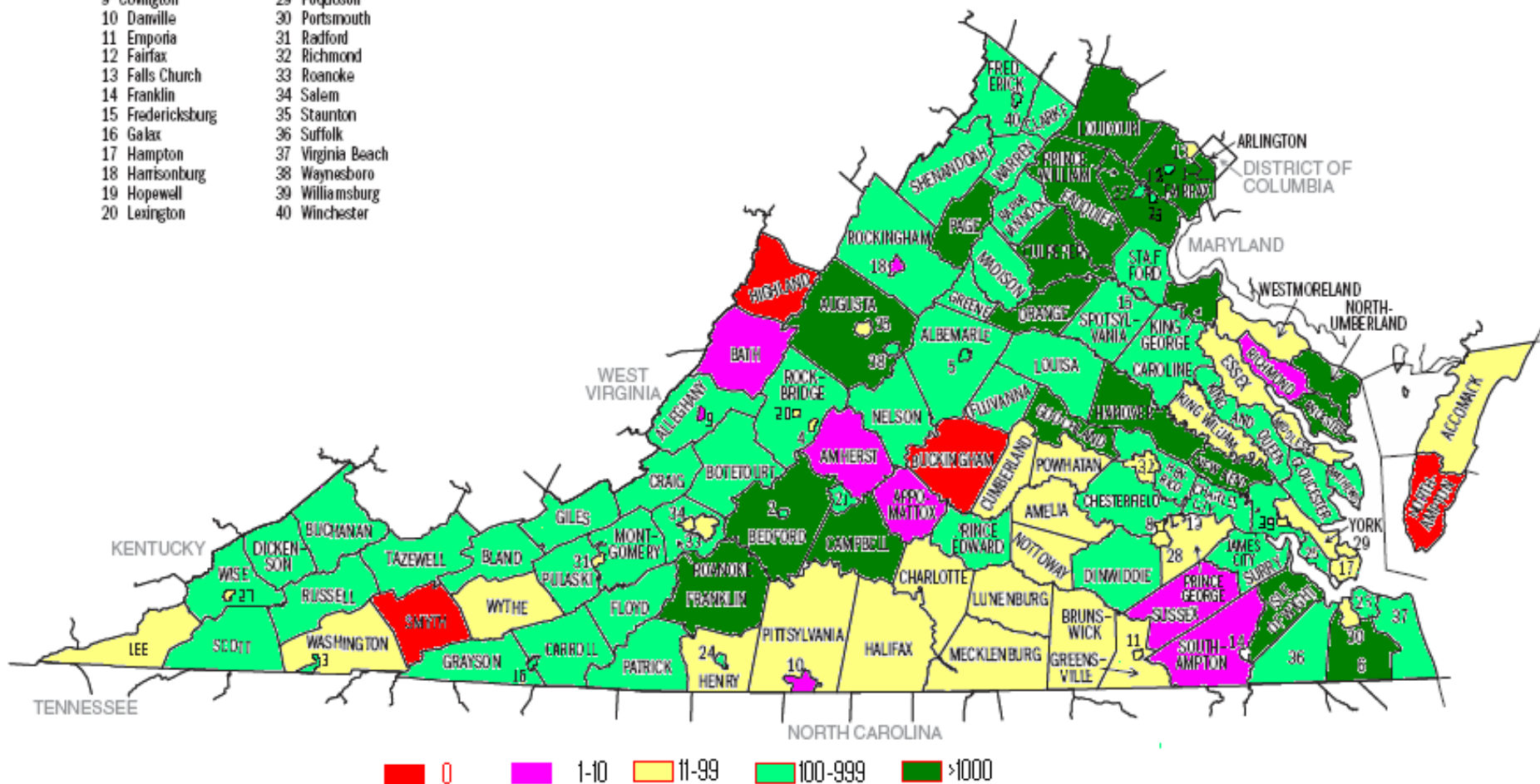


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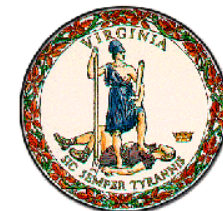
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| 2 Bedford          | 22 Manassas       |
| 3 Bristol          | 23 Manassas Park  |
| 4 Buena Vista      | 24 Martinsville   |
| 5 Charlottesville  | 25 Newport News   |
| 6 Chesapeake       | 26 Norfolk        |
| 7 Clifton Forge    | 27 Norton         |
| 8 Colonial Heights | 28 Petersburg     |
| 9 Covington        | 29 Poquoson       |
| 10 Danville        | 30 Portsmouth     |
| 11 Emporia         | 31 Radford        |
| 12 Fairfax         | 32 Richmond       |
| 13 Falls Church    | 33 Roanoke        |
| 14 Franklin        | 34 Salem          |
| 15 Fredericksburg  | 35 Staunton       |
| 16 Galax           | 36 Suffolk        |
| 17 Hampton         | 37 Virginia Beach |
| 18 Harrisonburg    | 38 Waynesboro     |
| 19 Hopewell        | 39 Williamsburg   |
| 20 Lexington       | 40 Winchester     |



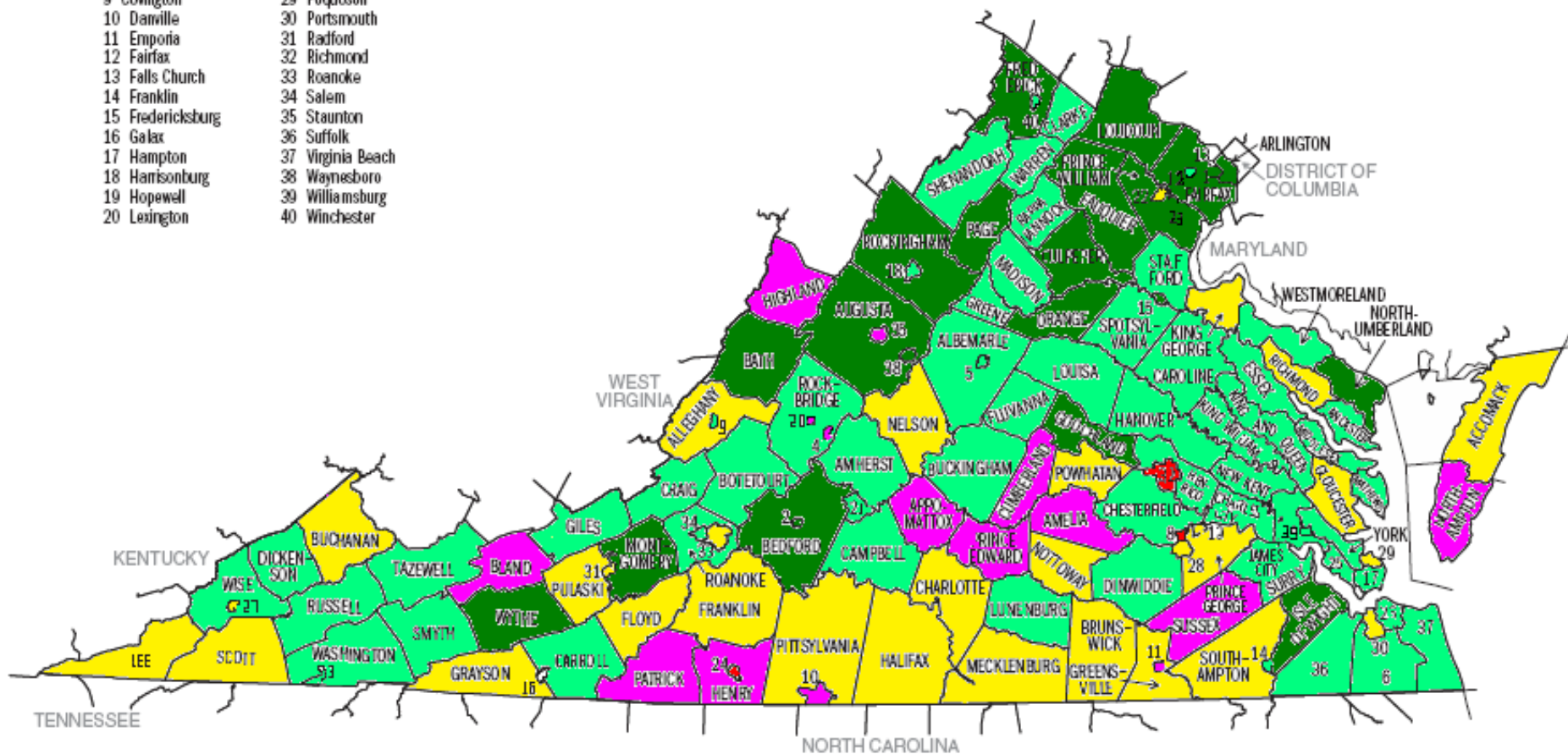
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| 16 Galax           | 36 Suffolk        |
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| 18 Harrisonburg    | 38 Waynesboro     |
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| 20 Lexington       | 40 Winchester     |



# 2014 QSO Contact Analysis

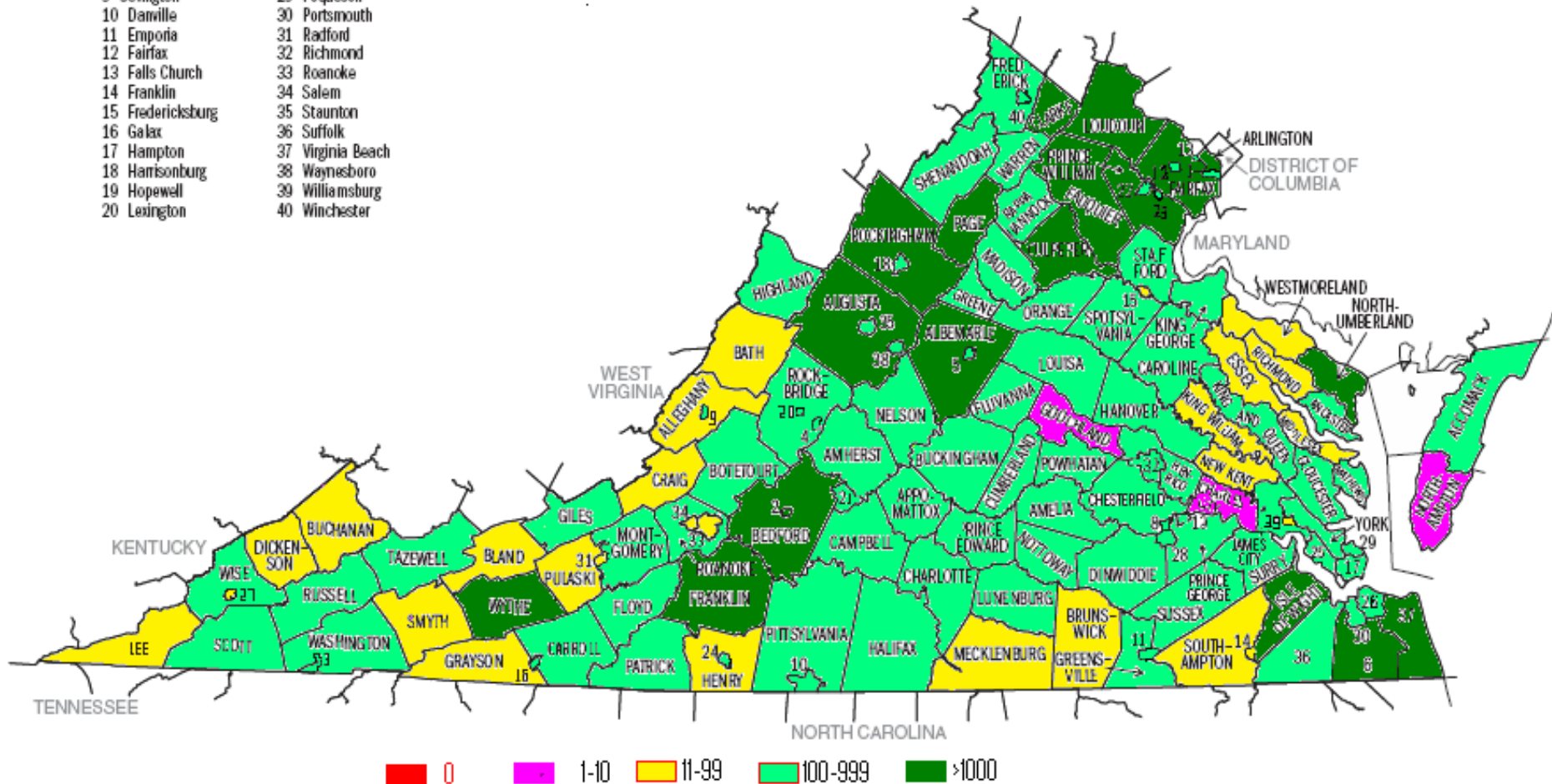


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| 19 Hopewell        | 39 Williamsburg   |
| 20 Lexington       | 40 Winchester     |

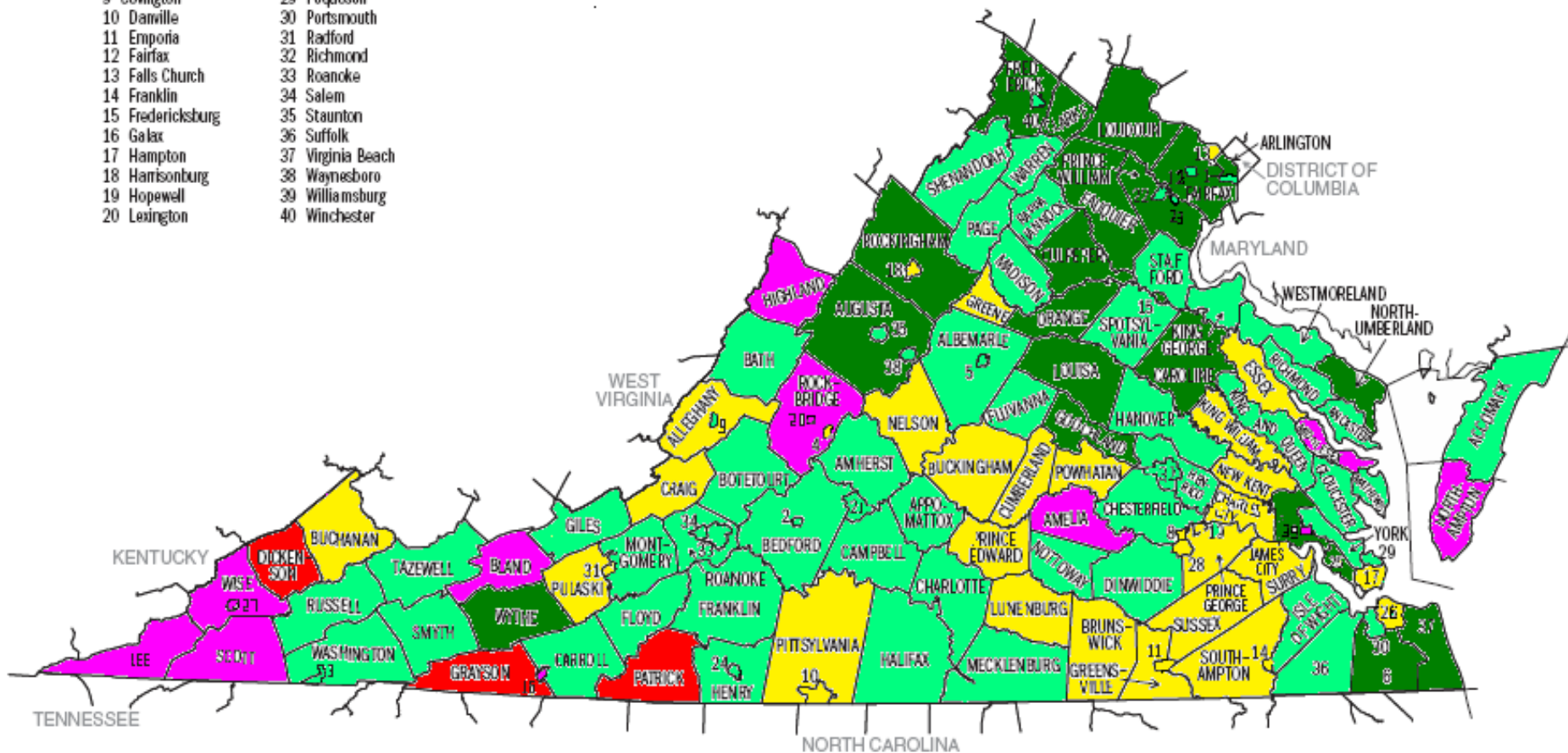


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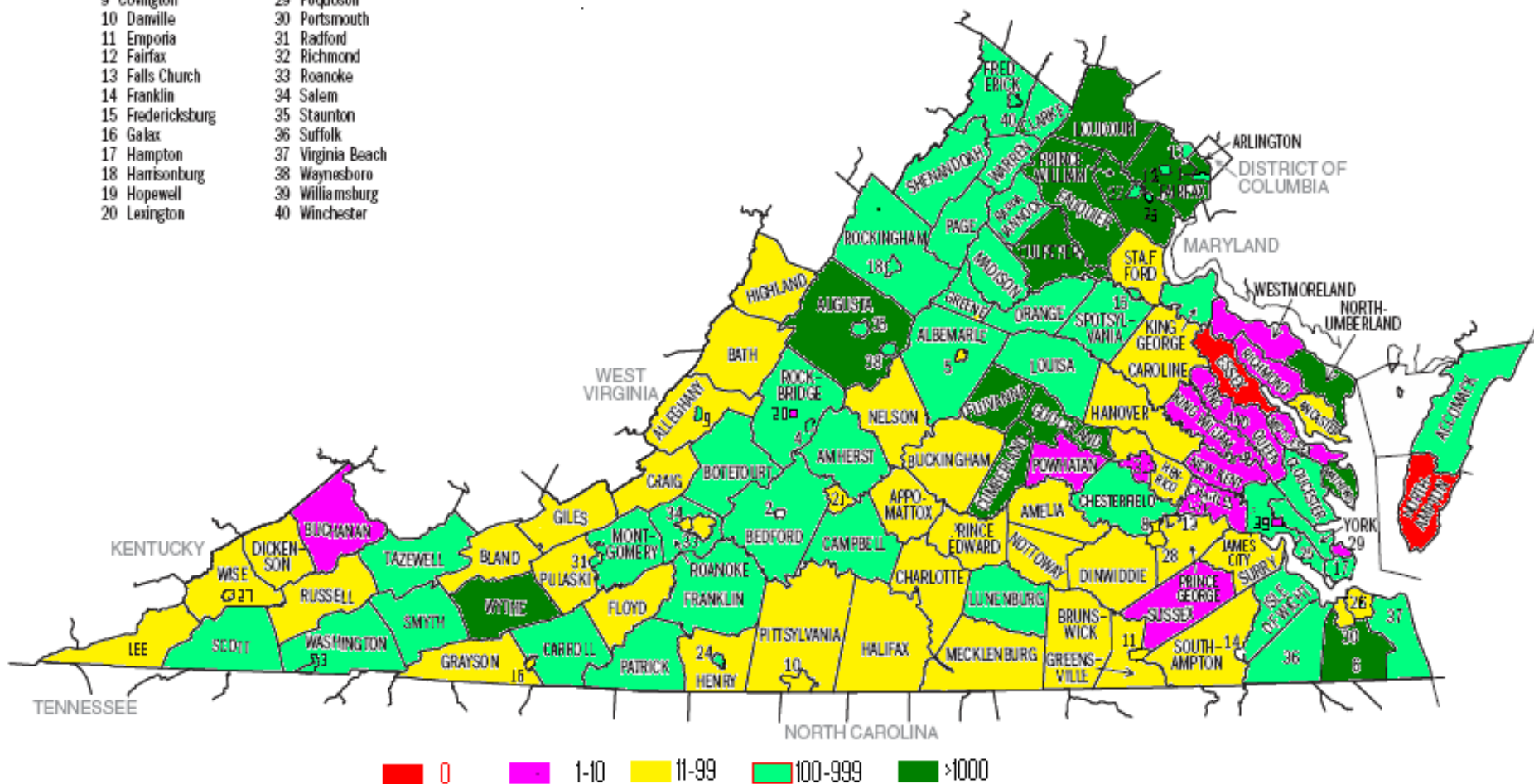


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| 19 Hopewell        | 39 Williamsburg   |
| 20 Lexington       | 40 Winchester     |



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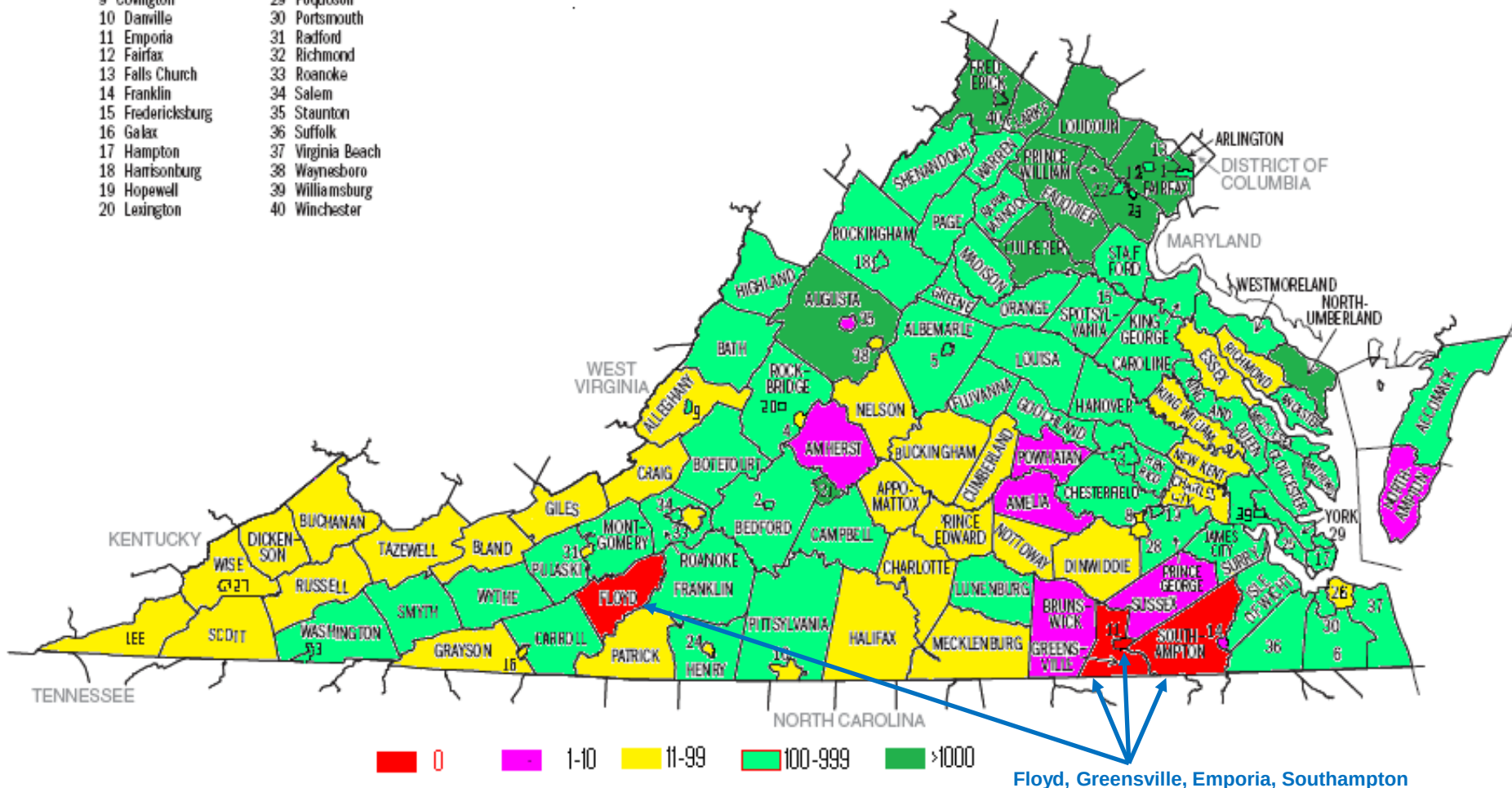
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| 16 Galax           | 36 Suffolk        |
| 17 Hampton         | 37 Virginia Beach |
| 18 Harrisonburg    | 38 Waynesboro     |
| 19 Hopewell        | 39 Williamsburg   |
| 20 Lexington       | 40 Winchester     |



# 2018 QSO Contact Analysis



- |                    |                   |
|--------------------|-------------------|
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| 18 Harrisonburg    | 38 Waynesboro     |
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| 20 Lexington       | 40 Winchester     |

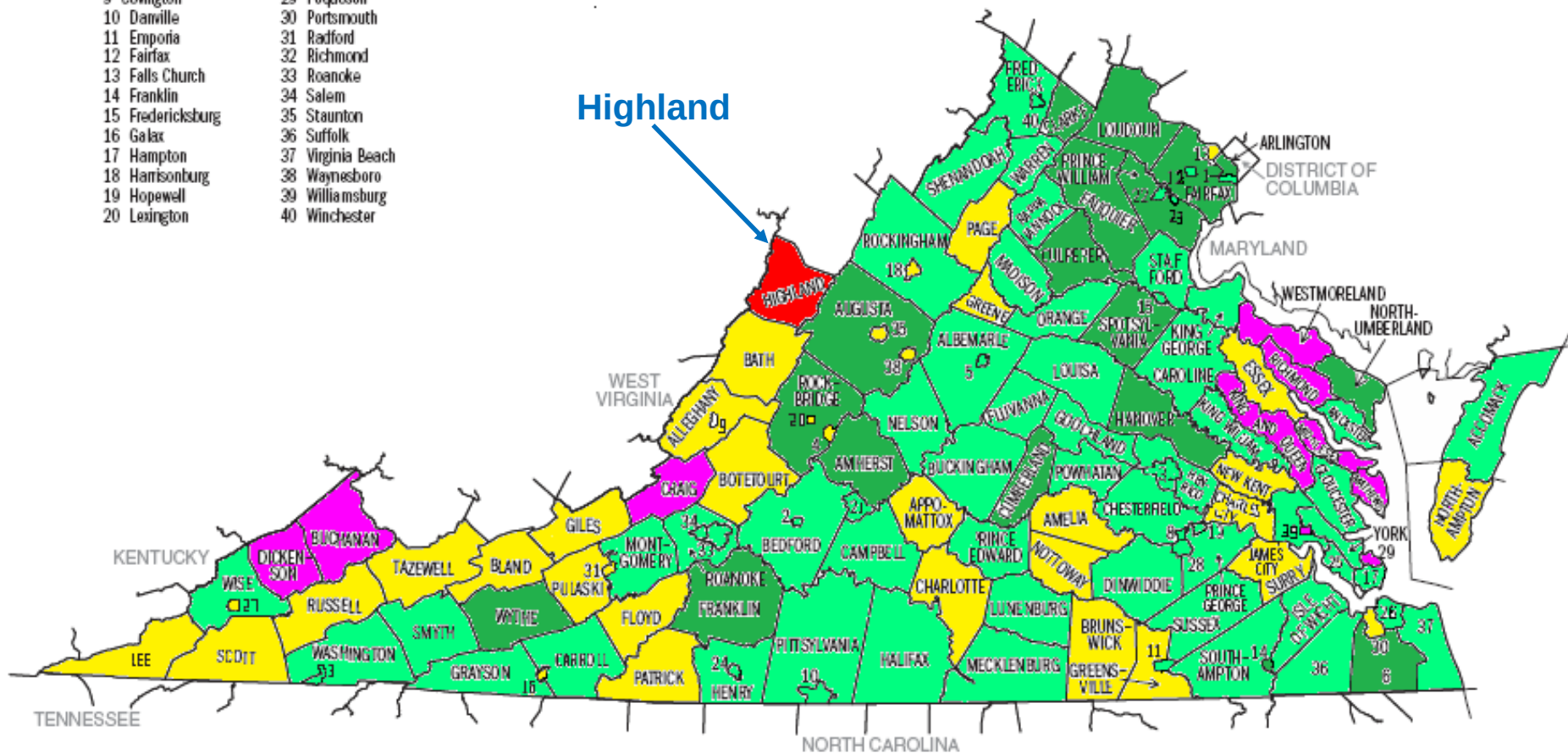


# 2019 QSO Contact Analysis



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| 17 Hampton         | 37 Virginia Beach |
| 18 Harrisonburg    | 38 Waynesboro     |
| 19 Hopewell        | 39 Williamsburg   |
| 20 Lexington       | 40 Winchester     |

Highland

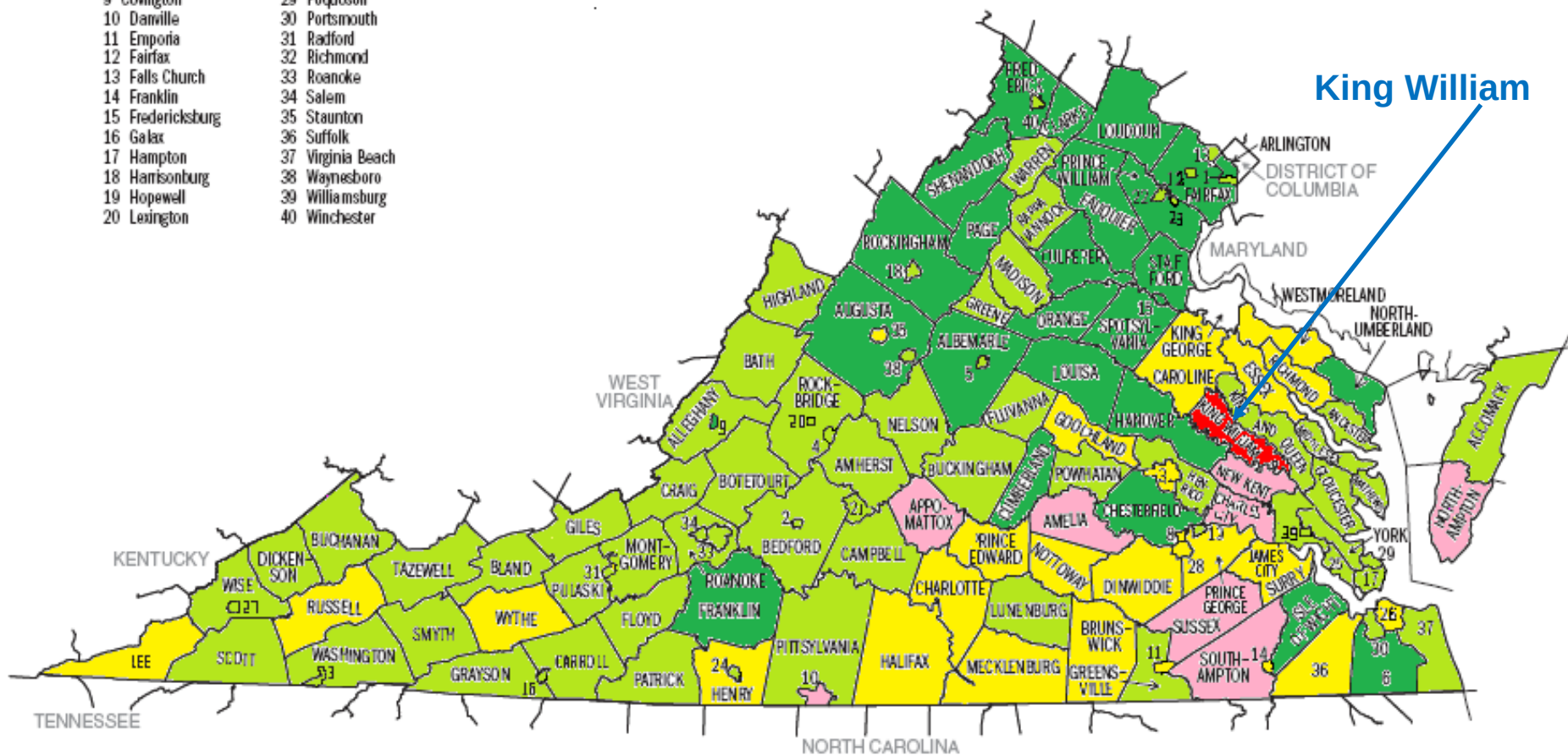


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# 2020 QSO Contact Analysis



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| 20 Lexington       | 40 Winchester     |



King William

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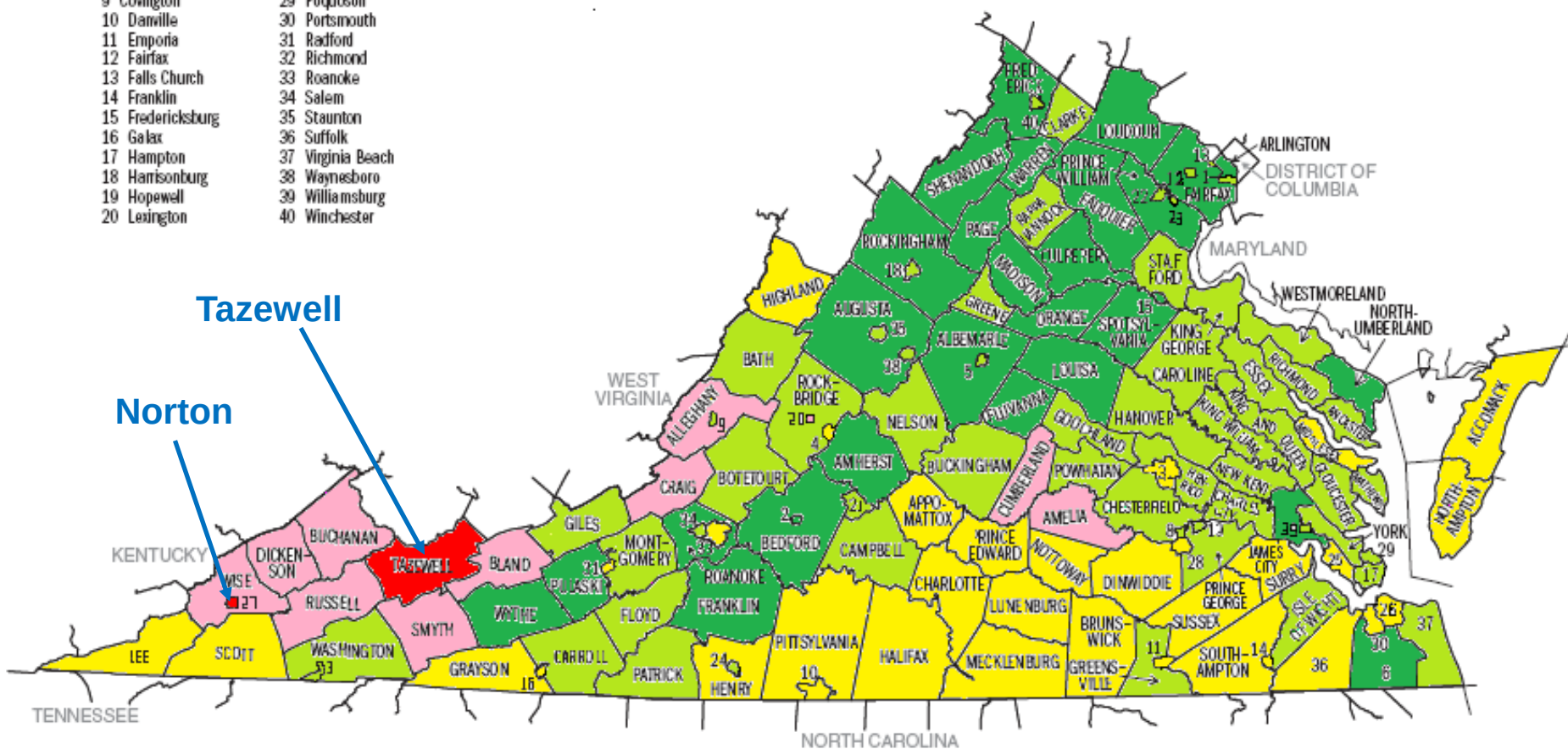
# 2021 QSO Contact Analysis



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| 17 Hampton         | 37 Virginia Beach |
| 18 Harrisonburg    | 38 Waynesboro     |
| 19 Hopewell        | 39 Williamsburg   |
| 20 Lexington       | 40 Winchester     |

Tazewell

Norton

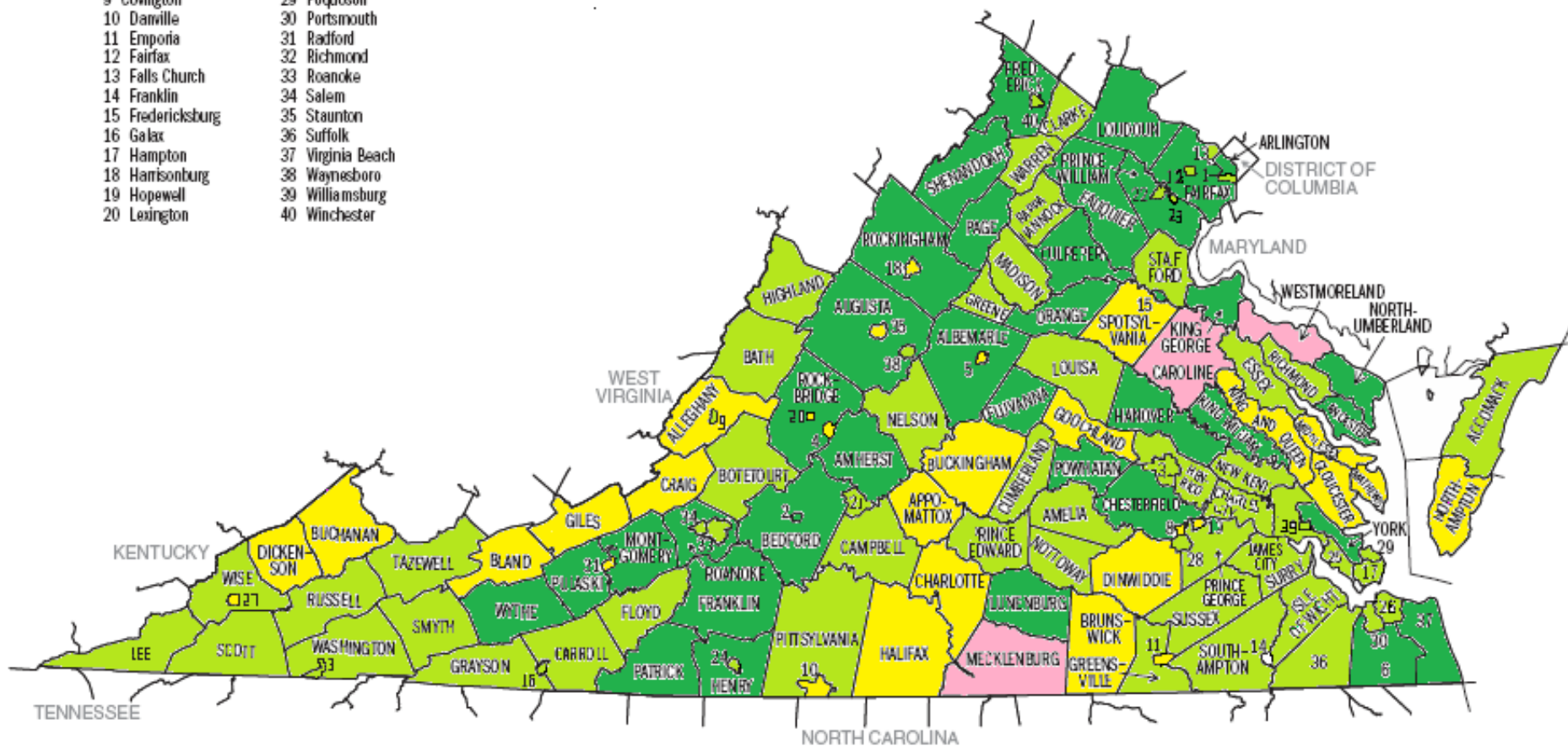


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# 2022 QSO Contact Analysis



- |                    |                   |
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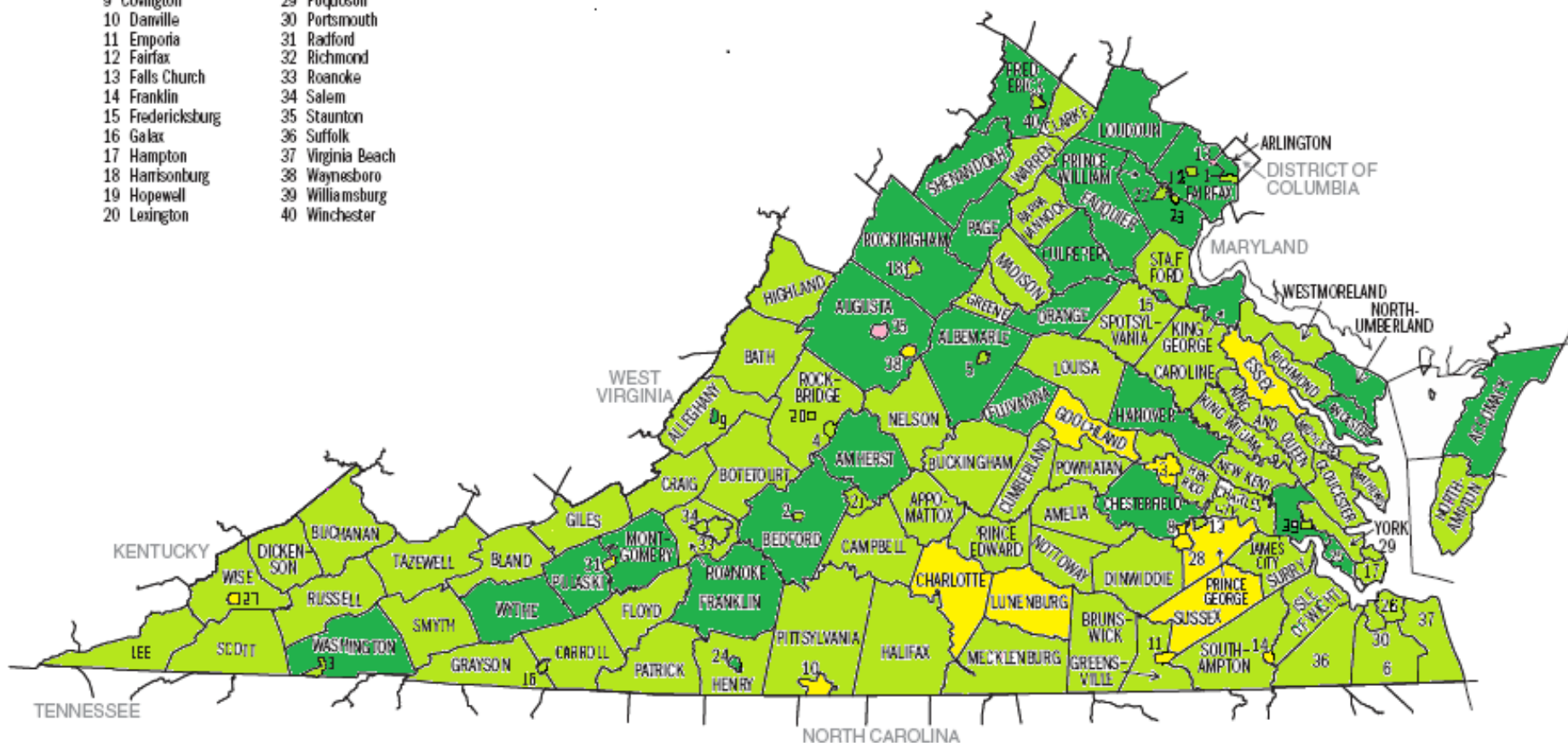


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# 2023 QSO Contact Analysis

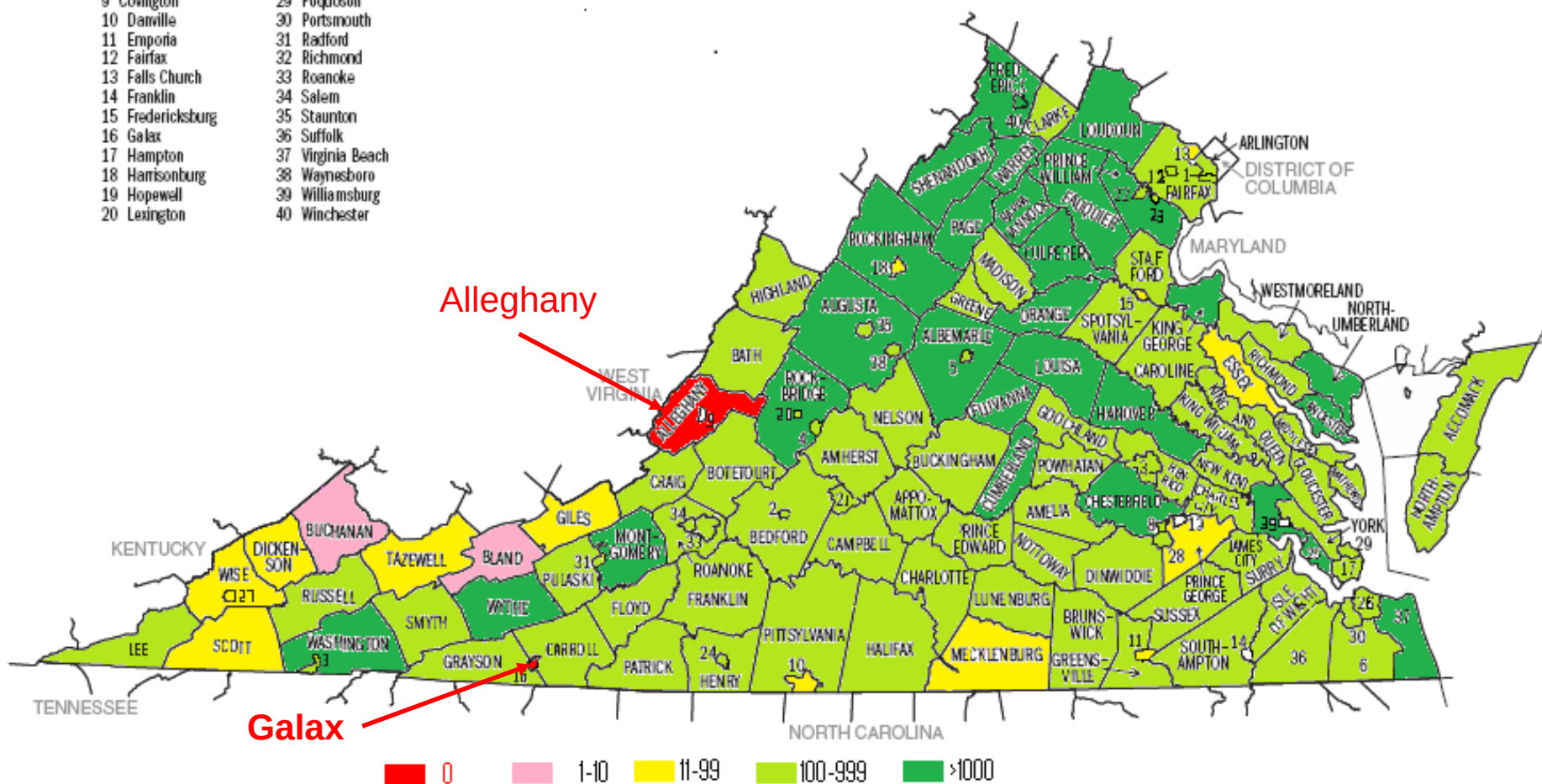


- |                    |                   |
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| 17 Hampton         | 37 Virginia Beach |
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| 19 Hopewell        | 39 Williamsburg   |
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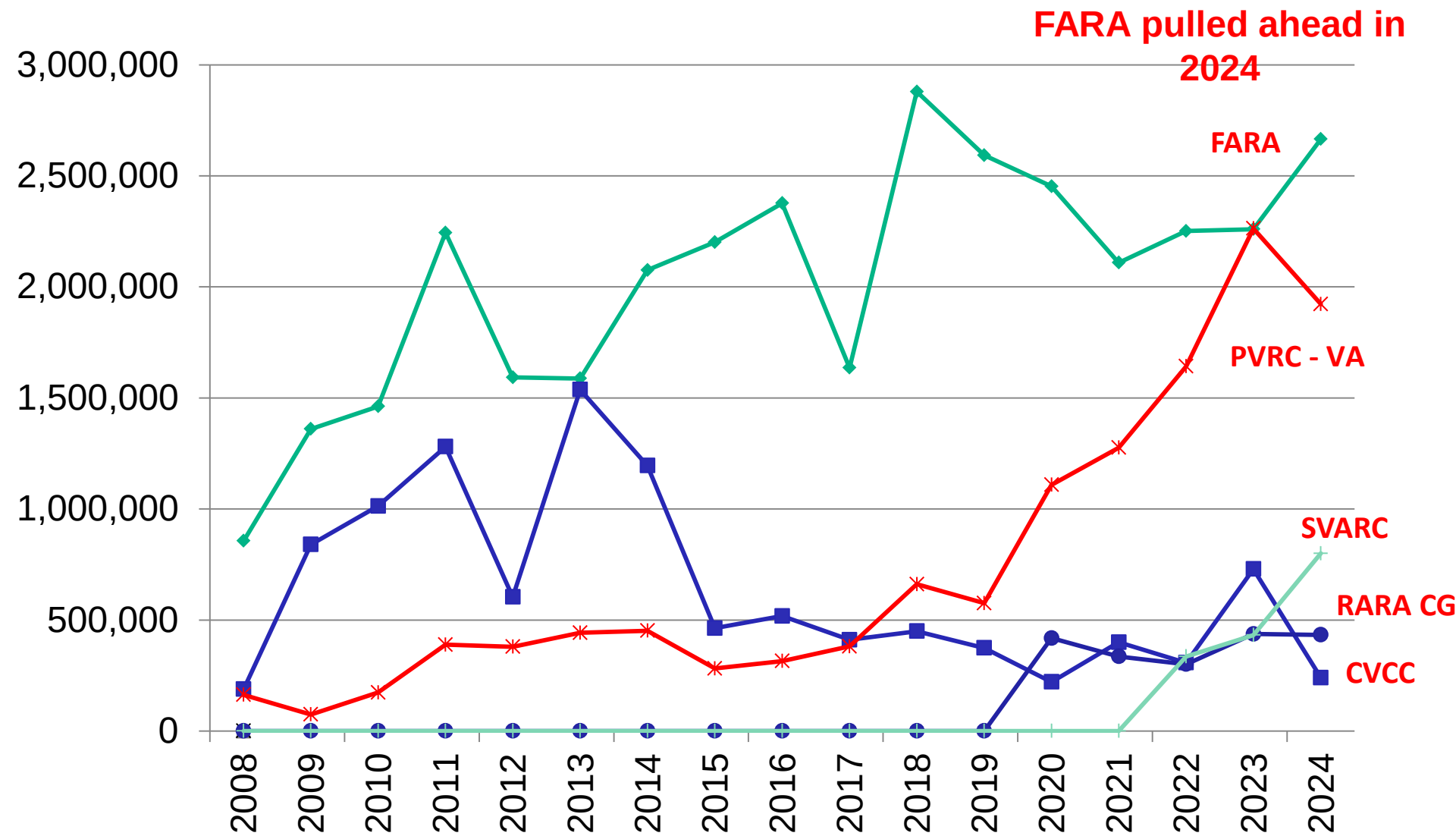


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- |                    |                   |
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| 2 Bedford          | 22 Manassas       |
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| 16 Galax           | 36 Suffolk        |
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| 18 Harrisonburg    | 38 Waynesboro     |
| 19 Hopewell        | 39 Williamsburg   |
| 20 Lexington       | 40 Winchester     |



# High Club - Combined Score



# 2024 High Club - Combined Score (Top 90 Clubs)



| Row Labels                    | Sum of Score |
|-------------------------------|--------------|
| Fauquier ARA                  | 2,665,189    |
| None Stated                   | 2,117,602    |
| PVRC-VA                       | 1,922,563    |
| Shenandoah Valley ARC         | 799,851      |
| RARA CG                       | 433,319      |
| Central Virginia CC           | 365,112      |
| Tennessee Valley DXA          | 325,402      |
| Vienna Wireless Society       | 281,109      |
| Shenandoah Valley Wireless    | 266,570      |
| Greene County VA ARC          | 266,438      |
| Loudoun ARG                   | 240,044      |
| Franklin County ARC           | 218,472      |
| Albemarle ARC                 | 211,173      |
| Alexandria RC                 | 142,503      |
| PVRC-MD                       | 131,689      |
| Bristol (VA) ARC              | 130,232      |
| Northern Neck ARC             | 121,529      |
| Olde Virginia Hams            | 115,527      |
| Sterling Park ARC             | 106,178      |
| Society of Midwest Contesters | 97,540       |
| Slovak Contest Group          | 93,492       |
| Frankford RC                  | 93,342       |
| Virginia Mountain ARC         | 71,955       |
| Florida CG                    | 70,411       |
| Heritage Hunt Hams            | 68,798       |
| Roanoke Valley ARC            | 63,628       |
| Yankee Clipper CC             | 60,846       |
| Swamp Fox Contest Club        | 60,037       |
| Hudson Valley Contesters & DX | 57,287       |
| Minnesota Wireless Assn       | 55,817       |

| Row Labels                 | Sum of Score |
|----------------------------|--------------|
| Williamsburg Area ARC      | 52,746       |
| Chesapeake ARS             | 52,042       |
| Contest Club Ontario       | 48,824       |
| GKCC                       | 47,196       |
| PVRC-FL                    | 35,358       |
| Tennessee Contest Group    | 33,953       |
| Alamance ARC               | 33,820       |
| PVRC-NC                    | 30,349       |
| Deep Dixie DCC             | 30,016       |
| Northern California CC     | 26,732       |
| Fort Smith Area ARC        | 26,718       |
| Bristol (TN) ARC           | 23,920       |
| Baltic Contest Club        | 22,374       |
| Carolina DX Assoc          | 22,251       |
| Kitchener-Waterloo ARC     | 21,930       |
| South Holston ARC          | 21,440       |
| Eastern Shore ARC          | 21,336       |
| Kansas City CC             | 21,093       |
| Albermarle ARC             | 21,000       |
| NFRS                       | 18,377       |
| Dallas Fort Worth CG       | 17,300       |
| Virginia Tech ARA          | 15,408       |
| PVRC-WV                    | 15,210       |
| New Providence ARC         | 14,551       |
| North American QRP CW Club | 13,763       |
| Heartland DX Association   | 13,695       |
| Lake Area ARK              | 13,599       |
| Richmond ATS               | 10,366       |
| Ozaukee Radio Club         | 9,630        |
| South East Contest Club    | 9,208        |

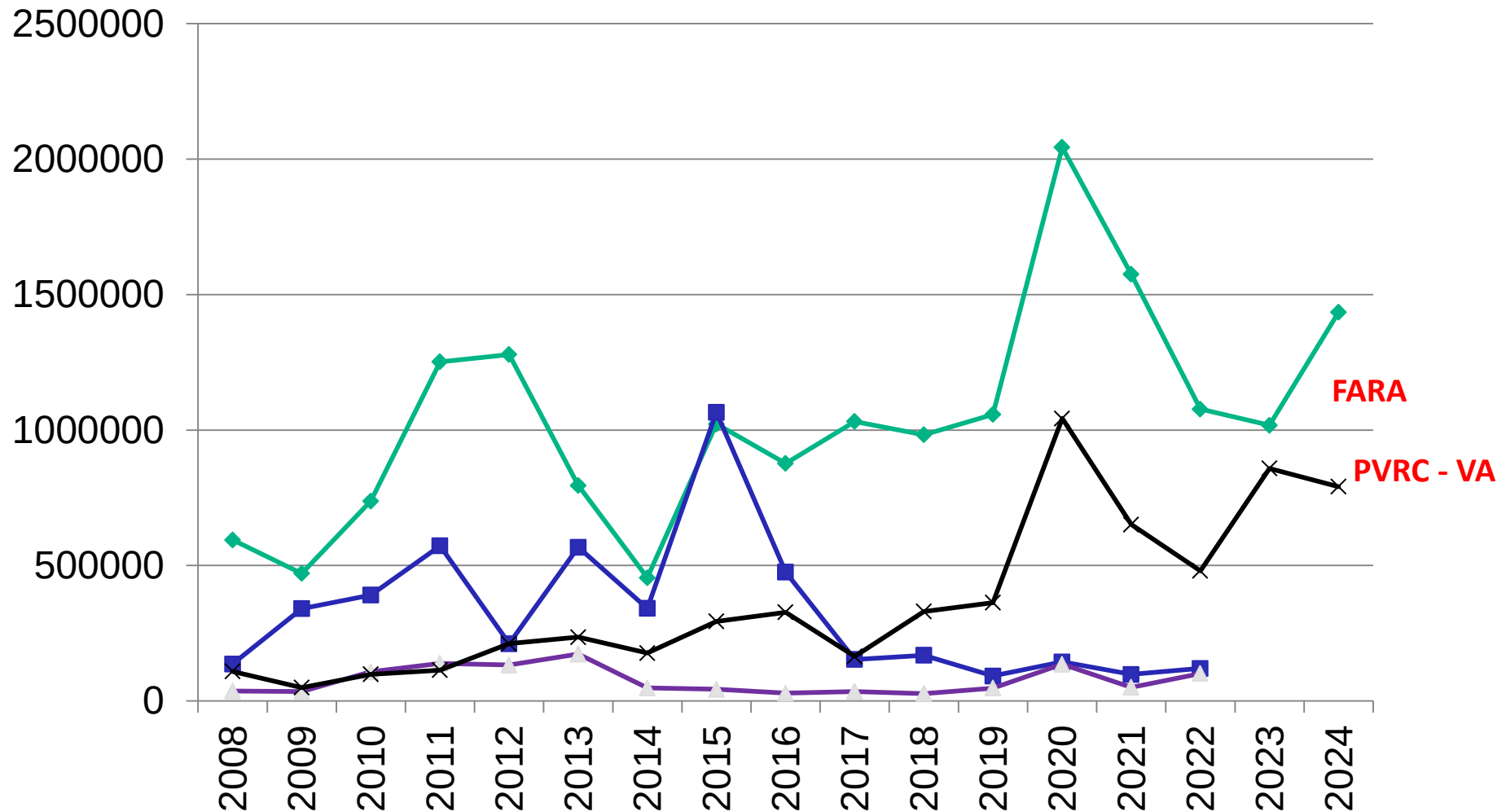
| Row Labels                  | Sum of Score |
|-----------------------------|--------------|
| Mad River RC                | 9,131        |
| Delaware Lehigh ARC         | 7,900        |
| Rappahannock Valley ARC     | 7,850        |
| Hendricks County ARS        | 7,670        |
| Seneca Radio Club           | 7,644        |
| Cumberland ARC              | 6,811        |
| Fluvanna County ARES        | 6,413        |
| Boston ARC                  | 6,192        |
| PVRC-ME                     | 5,796        |
| Powhatan Area Radio Club    | 5,795        |
| Bloomington Radio           | 5,060        |
| Kentucky Contest Group      | 4,771        |
| Richmond ARC                | 4,698        |
| South Jersey Radio Assn     | 4,192        |
| The Northern Neck ARC       | 3,888        |
| Texas DX Society            | 3,576        |
| Big Sky Contesters          | 3,330        |
| South Jersey DX Association | 3,108        |
| Italian Contest Club        | 2,701        |
| SP DX CLUB                  | 2,457        |
| CTRI Contest Group          | 2,432        |
| Larkfield                   | 2,418        |
| Arizona Outlaws CC          | 2,350        |
| Western Tidewater RA        | 2,320        |
| Candlewood ARA              | 2,132        |
| NFARL                       | 2,001        |
| Quebec Contest Group        | 1,914        |
| Western Washington DX Club  | 1,750        |
| Bule Springs ARC            | 1,734        |
| Bavarian Contest Club       | 1,520        |

# Log Counts by Club (4 or more logs)



| Club                           | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |
|--------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| None Given                     | 108  | 123  | 126  | 122  | 128  | 118  | 133  | 135  | 126  | 150  | 206  | 221  | 219  | 223  | 209  |
| Fauquier ARA                   | 35   | 32   | 27   | 28   | 29   | 30   | 30   | 42   | 45   | 36   | 53   | 57   | 46   | 40   | 50   |
| Potomac Valley Radio Club - VA | 7    | 8    | 13   | 14   | 18   | 16   | 23   | 20   | 20   | 29   | 47   | 45   | 25   | 31   | 29   |
| Shenandoah Valley ARC          | 4    | 6    | 14   | 12   | 14   | 7    | 12   | 16   | 18   | 20   | 19   | 11   | 23   | 22   | 26   |
| Greene County VA ARC           |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 26   |
| Vienna Wireless Society        | 3    | 9    | 7    | 5    | 7    | 2    | 3    | 1    | 2    | 11   | 5    | 8    | 9    | 4    | 22   |
| Minnesota Wireless Assn        |      |      |      |      |      |      |      | 2    | 2    | 4    | 9    | 8    | 9    | 7    | 16   |
| Heritage Hunt Hams             |      |      |      |      |      |      |      |      |      | 7    | 9    | 13   | 13   | 11   | 14   |
| Middle Peninsula ARC           | 2    |      | 5    | 2    | 2    | 6    | 2    | 4    | 4    | 2    |      | 2    | 0    |      | 14   |
| Ole Virginia Hams              | 5    | 4    | 6    | 12   | 11   | 12   | 11   | 15   | 11   | 12   | 14   | 17   | 24   | 14   | 13   |
| Tennessee Contest Group        | 5    | 4    | 4    | 2    | 3    | 8    | 6    | 4    | 4    | 8    | 7    | 9    | 14   | 13   | 12   |
| PVRC-MD                        |      |      |      |      |      |      |      |      |      |      |      |      |      | 8    | 12   |
| Florida Contest Group          |      | 3    | 5    | 2    | 2    | 1    | 1    | 2    |      | 9    | 9    | 7    | 9    | 8    | 11   |
| Swamp Fox Contest Club         |      |      |      |      |      |      |      | 2    |      | 2    |      | 3    | 7    | 5    | 11   |
| Ontario Contest Group          |      |      |      |      |      |      | 5    | 3    | 2    | 4    | 7    |      | 0    |      | 11   |
| Alexandria Radio Club          | 5    | 6    | 13   | 9    | 7    | 8    | 7    | 5    | 5    | 10   | 10   | 21   | 14   | 15   | 10   |
| Loudoun ARG                    | 24   | 25   | 17   | 28   | 25   | 19   | 20   | 13   | 18   | 11   | 7    | 7    | 9    | 10   | 10   |
| Albemarle Amateur Radio Club   | 3    | 4    | 4    | 6    | 3    | 1    | 4    | 3    | 2    | 1    | 1    | 6    | 5    | 7    | 10   |
| Sterling Park ARC              | 15   | 11   | 12   | 15   | 7    | 7    | 10   | 10   | 6    | 8    | 10   | 8    | 9    | 10   | 9    |
| RARA Contest Group             | 3    | 5    | 7    | 18   | 16   | 14   | 17   | 5    | 8    | 7    | 9    | 4    | 5    | 9    | 8    |
| Lake Area ARK                  |      |      |      |      |      |      |      |      |      |      |      |      | 5    | 6    | 8    |
| Hudson Valley Contesters & DX  |      |      |      |      |      |      |      |      |      |      |      |      | 7    | 6    | 7    |
| Shenandoah Valley Wireless     |      |      |      |      | 6    | 3    | 7    | 13   | 7    | 7    | 7    | 10   | 7    | 6    | 7    |
| PVRC-NC                        |      |      |      |      |      |      |      |      |      |      |      |      |      | 7    | 6    |
| Chesapeake ARS Inc., W4CAR     | 10   | 6    | 8    | 6    | 9    | 9    | 11   | 6    | 2    | 6    | 8    | 4    | 7    | 6    | 6    |
| Roanoke Valley ARC             | 11   | 9    | 10   | 4    | 5    | 6    | 5    | 2    | 5    | 10   | 5    | 9    | 6    | 5    | 6    |
| Frankford Radio Club           | 4    | 3    | 6    | 4    | 5    | 3    | 4    | 5    | 5    | 8    | 6    | 12   | 7    |      | 6    |
| Kansas City CC                 |      |      |      |      |      |      | 2    | 0    |      |      |      |      | 1    |      | 6    |
| Central Virginia Contest Club  | 10   | 11   | 10   | 4    | 3    | 2    | 2    | 1    | 4    | 4    | 5    | 1    | 4    | 6    | 5    |
| Yankee Clipper Contest Club    | 2    |      | 3    | 3    | 3    | 3    | 4    | 2    | 7    | 7    | 8    | 6    | 8    | 6    | 5    |
| Williamsburg Area ARC          | 2    | 5    | 3    | 3    | 2    | 7    | 6    | 5    | 4    | 2    |      | 4    | 2    | 5    | 5    |
| Mad River RC                   |      |      |      |      | 2    | 1    | 1    | 2    | 6    | 2    | 4    | 7    | 5    | 5    | 4    |
| Bristol (TN) ARC               |      |      |      | 3    | 4    | 2    | 0    | 1    | 2    | 2    | 3    |      | 1    | 4    | 4    |

# High Club – Merged Score (VA QSOs only)





# High Club – Merged (VA QSOs Only)



| Club                          | Score     |
|-------------------------------|-----------|
| None Stated                   | 2,302,336 |
| FARA                          | 1,434,510 |
| PVRC-VA                       | 790,954   |
| Shenandoah Valley ARC         | 443,156   |
| Greene County VA ARC          | 261,722   |
| PVRC-MD                       | 220,134   |
| VWS                           | 209,235   |
| OVH                           | 174,891   |
| Society of Midwest Contesters | 170,286   |
| Frankford RC                  | 147,232   |
| Florida CG                    | 146,804   |
| LARG                          | 142,136   |
| Albemarle ARC                 | 138,312   |
| Minnesota Wireless Assn       | 134,943   |
| RARA CG                       | 134,715   |
| Shenandoah Valley Wireless    | 129,987   |
| Alexandria RC                 | 125,160   |
| SPARC                         | 122,879   |
| Central Virginia CC           | 115,296   |
| Swamp Fox Contest Club        | 114,712   |
| Contest Club Ontario          | 106,020   |
| Yankee Clipper CC             | 102,382   |
| Heritage Hunt Hams            | 98,686    |
| Hudson Valley Contesters & DX | 98,610    |
| Slovak Contest Group          | 97,416    |
| Tennessee Contest Group       | 85,198    |
| Roanoke Valley ARC            | 68,600    |
| Tennessee Valley DXA          | 56,488    |
| Williamsburg Area ARC         | 56,430    |

| Club                             | Score  |
|----------------------------------|--------|
| Bristol (VA) ARC                 | 55,776 |
| Chesapeake ARS                   | 53,084 |
| Franklin County ARC              | 50,310 |
| GKCC                             | 48,918 |
| Northern Neck ARC                | 46,812 |
| Virginia Mountain ARC            | 38,100 |
| Bristol (TN) ARC                 | 36,818 |
| PVRC-FL                          | 36,288 |
| Kansas City CC                   | 35,644 |
| Alamance ARC                     | 34,200 |
| Carolina DX Assoc                | 32,109 |
| Deep Dixie DCC                   | 32,076 |
| Northern California CC           | 31,244 |
| Kitchener-Waterloo ARC           | 30,888 |
| Lake Area ARK                    | 27,873 |
| Fort Smith Area ARC              | 27,380 |
| NFRS                             | 26,994 |
| PVRC-NC                          | 24,318 |
| Baltic Contest Club              | 23,048 |
| North American QRP CW Club       | 20,750 |
| PVRC                             | 19,040 |
| Dallas Fort Worth Contest Group  | 18,849 |
| New Providence ARC               | 17,118 |
| PVRC-WV                          | 15,312 |
| South East Contest Club          | 15,105 |
| Albemarle ARC                    | 13,736 |
| South Holston Amateur Radio Club | 13,432 |
| Heartland DX Association         | 13,384 |
| Mad River RC                     | 13,340 |
| Ozaukee Radio Club               | 10,028 |
| Eastern Shore ARC                | 9,288  |

| Club                        | Score |
|-----------------------------|-------|
| Hendricks County ARS        | 8,184 |
| Delaware Lehigh ARC         | 8,109 |
| Seneca Radio Club           | 7,800 |
| Virginia Tech ARA           | 7,755 |
| Rappahannock Valley ARC     | 7,650 |
| Fluvanna County ARES        | 7,154 |
| Cumberland ARC              | 6,950 |
| Kentucky Contest Group      | 6,588 |
| Boston ARC                  | 6,370 |
| PVRC-ME                     | 5,934 |
| Bloomington Radio           | 5,311 |
| South Jersey Radio Assn     | 4,521 |
| Powhatan Area Radio Club    | 4,386 |
| Richmond ARC                | 4,250 |
| Texas DX Society            | 4,230 |
| Richmond ATS                | 3,840 |
| Big Sky Contesters          | 3,441 |
| South Jersey DX Association | 3,192 |
| The Northern Neck ARC       | 3,139 |
| Italian Contest Club        | 2,774 |
| SP DX CLUB                  | 2,548 |
| Larkfield                   | 2,520 |
| CTRI Contest Group          | 2,508 |
| Arizona Outlaws CC          | 2,444 |
| Candlewood ARA              | 2,268 |
| NFARL                       | 2,100 |
| Quebec Contest Group        | 2,006 |
| Western Washington DX Club  | 1,820 |
| Bule Springs ARC            | 1,715 |
| Western Tidewater RA        | 1,632 |
| Bavarian Contest Club       | 1,600 |

# Plaque Recipients by Club

| Club                       | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015  | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |
|----------------------------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|
| Alamance ARC               | 1    |      | 1    | 1    | 1    | 2    | 1    | 4    | 1    | 1     |      | 1    | 1    |      |      |      | 1    |      | 1    |
| Albemarle ARC              |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      | 1    |      |      | 1    |
| Alexandria Contest Club    |      | 1    |      | 1    |      |      |      |      |      |       |      |      |      |      | 1    | 1    |      |      |      |
| Arlington ARC              |      |      | 1    |      |      |      |      |      |      |       |      |      |      |      |      |      |      |      |      |
| CVCC                       | 3    | 3    | 4    | 3    | 4    | 2    | 1    | 1    |      |       | 1    |      |      |      | 1    |      | 1    | 1    | 1    |
| Chesapeake ARS             |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |      | 1    |
| DDCC                       |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      | 1    | 1    |      |      |
| Eastern Shore ARC          |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      | 1    |      |
| Fauquier ARA               | 4    | 5    | 3    | 4    | 7    | 7    | 9    | 5    | 7    | 7     | 9    | 9    | 10   | 10   | 12   | 12   | 9    | 6    | 10   |
| Fluvanna County ARES       |      |      |      |      |      |      |      |      | 2    |       |      |      |      |      |      |      |      |      |      |
| Frankford RC               |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      | 2    |      |      |      |
| Franklin County ARC        | 1    | 1    | 1    | 1    | 2    | 1    |      | 1    |      | 1     | 1    |      |      |      |      |      |      |      |      |
| Gloucester County ARC      |      |      |      |      |      |      |      |      | 1    |       |      |      |      |      |      |      |      |      |      |
| Greene County VA ARC       |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |      | 1    |
| Loudoun ARG                | 1    |      | 1    |      | 1    | 2    | 2    | 3    | 4    | 3     | 4    | 1    | 1    | 1    |      |      |      | 2    |      |
| Mad River Radio Club       |      | 1    | 1    | 1    | 1    |      |      |      |      |       |      |      | 1    |      |      |      |      |      |      |
| Mount Vernon ARC           |      | 1    | 1    |      |      |      |      |      |      |       |      |      |      |      |      |      |      |      |      |
| None Stated / Other        | 3    | 3    | 3    | 5    | 4    | 9    | 9    | 5    | 5    | 5     | 5    | 5    | 5    | 7    | 3    | 1    | 8    |      | 2    |
| Not Awarded                |      |      | 2    |      |      |      |      |      |      |       | 1    |      |      | 1    |      |      |      |      |      |
| Ontario Contest Club       | 2    | 2    |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |      |      |
| Olde Virginia Hams         |      |      |      |      |      |      |      |      |      |       |      | 1    |      | 1    |      |      |      | 1    |      |
| PVRC                       | 2    | 3    | 1    |      |      |      |      |      |      | 1     |      | 2    | 3    |      | 4    | 2    | 6    | 5    | 3    |
| RARA Contest Group         |      |      |      |      |      |      |      |      | 3    | 1     |      |      | 1    |      |      | 1    | 1    | 1    | 1    |
| Roanoke Valley ARC         |      |      |      |      |      |      |      | 1    | 1    |       | 1    |      |      |      |      |      |      |      |      |
| Rappackers Contest Group   |      |      | 2    | 3    |      |      |      |      |      |       |      |      |      |      |      |      |      |      |      |
| SCARC                      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      | 1    |      |      |      |
| Shenandoah Valley ARC      |      |      |      |      |      |      |      | 1    |      |       |      | 1    | 1    |      | 3    | 1    | 1    | 2    | 2    |
| Shenandoah Valley Wireless |      |      |      |      |      |      |      |      |      |       |      |      | 3    | 2    |      |      |      |      | 1    |
| Slovak CG                  |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |      | 2    |
| South East Contest Club    | 1    |      | 2    |      |      |      |      | 1    |      |       |      |      |      |      |      |      |      |      |      |
| Sterling Park ARC          |      |      |      |      | 1    |      |      | 1    |      |       |      | 1    |      |      | 1    | 1    |      |      | 1    |
| Vienna Wireless Society    |      |      |      |      |      |      |      |      |      |       |      |      |      | 2    |      |      |      |      |      |
| Western Tidewater RA       |      |      |      |      | 2    | 1    | 1    | 1    |      | 1/2   |      |      |      |      |      |      |      |      |      |
| Williamsburg Area ARC      |      |      |      | 1    |      |      |      |      |      | 1     |      |      |      |      |      | 1    |      | 1    |      |
| Woodbridge Wireless        |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      | 1    |      |      |      |
| The Ferguson ARC           |      |      |      |      |      |      |      |      |      | 1     |      |      |      |      |      |      |      |      |      |
| Swamp Fox Contest Club     |      |      |      |      |      |      |      |      |      | 1     |      |      |      |      |      |      |      |      | 1    |
| Chesapeake ARS             |      |      |      |      |      |      |      |      |      | 2-1/2 |      | 1    |      | 1    |      |      |      |      |      |
| Rappahannock Valley ARC    |      |      |      |      |      |      |      |      |      |       | 1    |      |      |      |      |      |      |      |      |
| SK4DM                      |      |      |      |      |      |      |      |      |      |       | 1    |      |      |      |      |      |      |      |      |
| Vienna Wireless            |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |      | 1    |
| Swamp Fox CG               |      |      |      |      |      |      |      |      |      |       | 1    | 1    | 1    | 1    |      |      |      |      |      |
| Yankee Clipper CC          |      |      |      |      |      |      |      |      |      |       | 2    | 3    |      |      | 1    |      |      |      |      |



# All Time High Scores (after 2024 VQP)

1 x New High Scores



| Category                                         | Call Sign   | Score     | Year | Call        | 2024 Score |
|--------------------------------------------------|-------------|-----------|------|-------------|------------|
| High VA Fixed Single OP High Power               | N4BAA       | 387,466   | 2006 | NX3A        | 264,152    |
| High VA Fixed Single OP Low Power                | K1HTV       | 393,720   | 2021 | K1HTV       | 334,850    |
| High Single OP Novice/Technician/Rookie          | KM4IML      | 74,876    | 2015 | KQ4LQL      | 19,173     |
| High Outside VA Single OP                        | K1RO        | 124,950   | 2017 | OM2VL       | 93,492     |
| High Outside VA Phone/Mixed QRP                  | WB2P        | 27,191    | 2014 | KF4VTT      | 21,969     |
| High VA Single-Op Phone/Mixed QRP                | WA4PGM      | 87,440    | 2003 | N4RP        | 81,528     |
| High Single OP VHF                               | KK4IML      | 74,876    | 2015 | KO4NMC      | 10,964     |
| High VA Club - Combined Score                    | FARA        | 2,878,846 | 2018 | FARA        | 2,665,189  |
| High VA Mobile Multiple Op Single Trans          | N4CW        | 474,680   | 2022 | N4CW        | 435,845    |
| High VA Rover/ Mobile Multiple OP Multiple Trans | NB3A        | 44,642    | 2022 | KI4RXC      | 21,969     |
| High VA Mobile Single Operator                   | W4GO/M      | 383,304   | 2024 | K4MI        | 129,793    |
| High VA Single OP CW High Power                  | K0ZR        | 372,526   | 2024 | K4SO        | 230,184    |
| High VA Single OP CW Low Power                   | K4OAQ       | 194,344   | 2024 | K2PI        | 144,250    |
| High Fixed Multiple Op / Single Transmitter      | N4A         | 352,226   | 2008 | N4HB        | 335,850    |
| High Fixed Multiple Op / Multiple Transmitter    | KW4VA       | 1,193,975 | 2019 | KW4VA       | 435,845    |
| High Single Band                                 | KJ4ADN/M    | 164,810   | 2013 | W4PJW       | 96,437     |
| High SO VA Counties/Independent Cities           | K1RO        | 119       | 2017 | K4CGY       | 107        |
| High DX Station                                  | OM2VL       | 104,422   | 2024 | OMLVL       | 93,492     |
| High Single Op Digital Mode                      | K3VAT       | 49,440    | 2018 | Not awarded |            |
| High VA Single OP Phone Only High Power          | W4GO/M      | 297,639   | 2020 | NX3A        | 264,152    |
| High VA Single OP Phone Only Low Power           | KJ4ADN/M    | 164,810   | 2013 | WZ4K        | 123,186    |
| High Expedition                                  | AI4SV       | 144,870   | 2019 | W0RMX       | 45,753     |
| High VA Club – VA QSOs Only / Merged             | FARA        | 2,368,311 | 2020 | FARA        | 1,434,510  |
| High VA Single Operator CW QRP                   | WU4G        | 81,144    | 2024 | WU4G        | 69,687     |
| High Outside-VA QRP CW                           | W8TM        | 21,482    | 2008 | W8ANT       | 19,260     |
| High Single Operator – Youth                     | KJ4EZA@N2VA | 133,180   | 2016 | K4CBJ       | 5,508      |
| High Single Operator – VA QSOs Only              | K1RO        | 124,950   | 2017 | K1HTV       | 97,119     |
| High Single Operator Young Adult                 | KK4BSM      | 45,475    | 2017 | N/A         |            |
| High Virginia Single-Op One Receiver SSB HF      | K4IA        | 348,600   | 2023 | KK4HHP      | 169,750    |
| High Virginia Single Op One Receiver CW HF       |             |           | New  | K4QS        | 193,137    |
| High VA Rover Single Op Single Transmitter       | KM4OZH      | 59,332    | 2024 | KM4OZH      | 92,416     |

Multiple  
Plaques

OM2VL X 2

K1HTV X 2



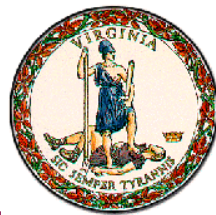
# Virginia QSO Party

Certificates



# Certificate Themes

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- 2004 – 2010            State symbols
- 2011 – 2015           Notable Radio Items
- 2016 -                VA Amateur Radio Clubs
  - 2016   Richmond Amateur Radio Club
  - 2017   Shenandoah Valley ARC
  - 2018   Fauquier Amateur Radio Association
  - 2019   Vienna Wireless Society
  - 2020   Alexandria Radio Club
  - 2021   Loudoun Amateur Radio Group
  - 2022   USS Wisconsin Radio Club
  - 2023   Sterling Park Amateur Radio Club
  - 2024   Richmond Amateur Telecommunications Society (RATS)
  - 2025   László Végh



# 2004 Virginia QSO Party



State Boat  
Chesapeake Bay Deadrise

*The Sterling Park Amateur Radio Club  
congratulates*



State Fossil  
Chesapeake Jeffersoniensis

*for promoting amateur radio activity  
in Virginia's 95 Counties and 39 Independent Cities  
with your enthusiastic participation  
in this annual event.*

## Counties

Accomack  
Albemarle  
Alleghany  
Amelia  
Amherst  
Appomattox  
Arlington  
Augusta  
Bath  
Bedford  
Bland  
Botetourt  
Brunswick  
Buchanan  
Buckingham  
Campbell  
Caroline  
Carroll  
Charles City  
Charlotte  
Chesterfield  
Clarke  
Craig  
Culpeper  
Cumberland  
Dickenson  
Dinwiddie  
Essex  
Fairfax  
Fauquier

Floyd  
Fluvanna  
Franklin  
Frederick  
Giles  
Gloucester  
Goochland  
Grayson  
Greene  
Greensville  
Halifax  
Hanover  
Henrico

Henry  
Highland  
Isle of Wight  
James City  
King & Queen  
King George  
King William  
Lancaster  
Lee  
Loudoun  
Louisa  
Lunenburg  
Madison

Mathews  
Mecklenburg  
Middlesex  
Montgomery  
Nelson  
New Kent  
Northampton  
Northumberland  
Nottoway  
Orange  
Page  
Patrick  
Pittsylvania

Powhatan  
Prince Edward  
Prince George  
Prince William  
Pulaski  
Rappahannock  
Richmond  
Roanoke  
Rockbridge  
Rockingham  
Russell  
Scott  
Shenandoah

Smyth  
Southampton  
Spotsylvania  
Stafford  
Surrey  
Sussex  
Tazewell  
Warren  
Washington  
Westmoreland  
Wise  
Wythe  
York

Poquoson  
Williamsburg  
Danville  
Lexington  
Portsmouth  
Winchester  
Emporia  
Lynchburg  
Radford

Galax  
Norfolk  
Suffolk  
Chesapeake  
Hampton  
Norton  
Virginia Beach  
Colonial Heights  
Harrisonburg  
Petersburg  
Waynesboro  
Covington  
Hopewell

## Independent Cities

Alexandria  
Fairfax  
Manassas  
Richmond  
Bedford  
Falls Church  
Danville  
Manassas Park  
Roanoke  
Bristol  
Franklin  
Martinsville  
Salem  
Buena Vista  
Fredericksburg  
Newport News  
Staunton  
Charlottesville



# 2005 Virginia QSO Party



Floral Emblem  
Dogwood



State Bird  
Cardinal

*The Sterling Park Amateur Radio Club  
congratulates*

*for promoting amateur radio activity  
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## Counties

Accomack  
Albemarle  
Alleghany  
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Amherst  
Appomattox  
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Bath  
Bedford  
Bland  
Botetourt  
Brunswick  
Buchanan  
Buckingham  
Campbell  
Caroline

Carroll  
Charles City  
Charlotte  
Chesterfield  
Clarke  
Craig  
Culpeper  
Cumberland  
Dickenson  
Dinwiddie  
Essex  
Fairfax  
Fauquier

Floyd  
Fluvanna  
Franklin  
Frederick  
Giles  
Gloucester  
Goochland  
Grayson  
Greene  
Greensville  
Halifax  
Hanover  
Henrico

Henry  
Highland  
Isle of Wight  
James City  
King & Queen  
King George  
King William  
Lancaster  
Lee  
Loudoun  
Louisa  
Lunenburg  
Madison

Mathews  
Mecklenburg  
Middlesex  
Montgomery  
Nelson  
New Kent  
Northampton  
Northumberland  
Nottoway  
Orange  
Page  
Patrick  
Pittsylvania

Powhatan  
Prince Edward  
Prince George  
Prince William  
Pulaski  
Rappahannock  
Richmond  
Roanoke  
Rockbridge  
Rockingham  
Russell  
Scott  
Shenandoah

Smyth  
Southampton  
Spotsylvania  
Stafford  
Surry  
Sussex  
Tazewell  
Warren  
Washington  
Westmoreland  
Wise  
Wythe  
York

Poquoson  
Williamsburg  
Danville  
Lexington  
Portsmouth  
Winchester  
Emporia  
Lynchburg  
Radford

Galax  
Norfolk  
Suffolk  
Chesapeake  
Hampton  
Norton  
VA Beach  
Colonial Heights  
Harrisonburg  
Petersburg  
Waynesboro  
Covington  
Hopewell

## Independent Cities

Alexandria  
Fairfax  
Manassas  
Richmond  
Bedford  
Falls Church  
Manassas Park  
Roanoke  
Bristol  
Franklin  
Martinsville  
Salem  
Buena Vista  
Fredericksburg  
Newport News  
Staunton  
Charlottesville



# 2006 Virginia QSO Party



State Dog  
American Fox Hound

*The Sterling Park Amateur Radio Club  
congratulates*



State Bat  
Virginia Big-Eared Bat

*for promoting amateur radio activity  
in Virginia's 95 Counties and 39 Independent Cities  
with your enthusiastic participation  
in this annual event.*

## Counties

Accomack  
Albemarle  
Alleghany  
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Bland  
Botetourt  
Brunswick  
Buchanan  
Buckingham  
Campbell  
Caroline

Carroll  
Charles City  
Charlotte  
Chesterfield  
Clarke  
Craig  
Culpeper  
Cumberland  
Dickenson  
Dinwiddie  
Essex  
Fairfax  
Fauquier

Floyd  
Fluvanna  
Franklin  
Frederick  
Giles  
Gloucester  
Goochland  
Grayson  
Greene  
Greensville  
Halifax  
Hanover  
Henrico

Henry  
Highland  
Isle of Wight  
James City  
King & Queen  
King George  
King William  
Lancaster  
Lee  
Loudoun  
Louisa  
Lunenburg  
Madison

Mathews  
Mecklenburg  
Middlesex  
Montgomery  
Nelson  
New Kent  
Northampton  
Northumberland  
Nottoway  
Orange  
Page  
Patrick  
Pittsylvania

Powhatan  
Prince Edward  
Prince George  
Prince William  
Pulaski  
Rappahannock  
Richmond  
Rockbridge  
Rockingham  
Russell  
Scott  
Shenandoah

Smyth  
Southampton  
Spotsylvania  
Stafford  
Surry  
Sussex  
Tazewell  
Warren  
Washington  
Westmoreland  
Wise  
Wythe  
York

Richmond  
Roanoke  
Salem  
Staunton  
Suffolk  
Virginia Beach  
Waynesboro  
Williamsburg  
Winchester

Hopewell  
Lexington  
Lynchburg  
Manassas  
Manassas Park  
Martinsville  
Newport News  
Norfolk  
Norton  
Petersburg  
Poquoson  
Portsmouth  
Radford

## Independent Cities

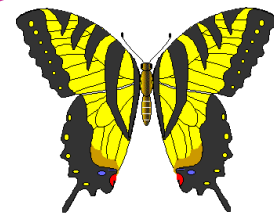
Alexandria  
Bedford  
Bristol  
Buena Vista  
Charlottesville  
Chesapeake  
Colonial Heights  
Covington  
Danville  
Emporia  
Fairfax  
Falls Church  
Franklin  
Fredericksburg  
Galax  
Hampton  
Harrisonburg



# 2007 Virginia QSO Party



State Fish  
Brook Trout  
(adopted in 1993)



State Insect  
Tiger Swallowtail Butterfly  
(adopted in 1991)

*The Sterling Park Amateur Radio Club  
congratulates*

*for promoting amateur radio activity  
in VA's 95 Counties and 39 Independent Cities with  
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## Counties

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Albemarle  
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Botetourt  
Brunswick  
Buchanan  
Buckingham  
Campbell  
Caroline

Carroll  
Charles City  
Charlotte  
Chesterfield  
Clarke  
Craig  
Culpeper  
Cumberland  
Dickenson  
Dinwiddie  
Essex  
Fairfax  
Fauquier

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Hampton  
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# 2008 Virginia QSO Party



Chincoteague Pony



Smithfield Ham

*The Sterling Park Amateur Radio Club  
congratulates*

*for promoting amateur radio activity  
in Virginia's 95 Counties and 39 Independent Cities  
with your enthusiastic participation  
in this annual event.*

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# 2009 Virginia QSO Party



Virginia Peanut



Hanover Tomato

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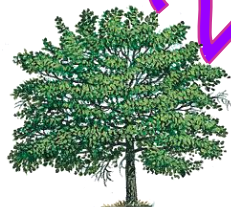
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# 2010 Virginia QSO Party



State Tree  
Flowering Dogwood

*The Sterling Park Amateur Radio Club  
congratulates*



State Shell  
*Crassostrea virginica*

*for promoting amateur radio activity  
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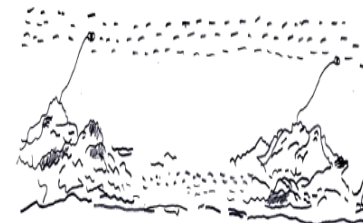


Mahlon Loomis  
(1826-1886)

# 2011 Virginia QSO Party



The  
Sterling Park Amateur Radio Club  
thanks



First Wireless Telegraphy QSO  
occurred between two stations  
in Loudoun County, VA in October 1866.

*for promoting amateur radio activity  
in Virginia's 95 Counties and 39 Independent Cities  
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# 2012 Virginia QSO Party



1912: US Navy built "Three Sisters" radio towers. Shown behind US Army cavalry drill at Fort Myer, VA.

*The  
Sterling Park Amateur Radio Club  
thanks*



1913: QRV as NAA, QSO w/ Eiffel Tower and USS Delaware in Azores.  
1915: wireless telephone msg to CA.

*for promoting amateur radio activity  
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Williamsburg  
Winchester



# 2013 Virginia QSO Party



WRVA QRV: 2 Nov 25  
Voice of Virginia / Edgewood Radio

*The  
Sterling Park Amateur Radio Club  
thanks*



QTH: Tobacco Row, Richmond, VA.  
And WRVA/mobile

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Albemarle  
Alleghany  
Amelia

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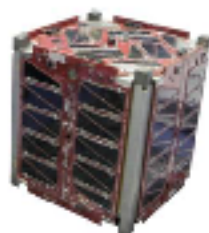
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# 2014 Virginia QSO Party



TJ3SAT, built by Thomas Jefferson High School, Fairfax, VA, and industry partners, was launched into space on 10 Nov 13.

*The  
Sterling Park Amateur Radio Club  
thanks*



Call sign: KK4PHU  
Downlink: 437,320 MHz 1200 bps AFSK  
Mission life: 6 months.

«NAME», «CALL»  
«CERTIFICATE»

(CONTACTED «CIC» COUNTIES AND INDEPENDENT CITIES. SCORED «SCORE» POINTS)

*for promoting amateur radio activity  
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# 2015 Virginia QSO Party



Vic Clark, W4KFC (SK)  
ARRL President 1982-1983  
When living in Fairfax County

*The  
Sterling Park Amateur Radio Club  
thanks*



Kay Craigie, N3KN  
ARRL President 2010 - Present  
Living in Montgomery County

*for promoting amateur radio activity  
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# 2016 Virginia QSO Party



*The  
Sterling Park Amateur Radio Club  
thanks*

The Richmond Amateur Radio Club is the successor to the Richmond Shortwave Club and the Tri-County Radio Club.

George C. Robinson, 3GX, was 1 of 5 Virginia operators on 1913 list of amateur stations and founded the Tri-County Radio Club in April 1916.

*for promoting amateur radio activity  
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Prince George  
Prince William  
Pulaski  
Rappahannock  
Richmond  
Roanoke  
Rockbridge  
Rockingham  
Russell  
Scott  
Shenandoah

Smyth  
Southampton  
Spotsylvania  
Stafford  
Surry  
Sussex  
Tazewell  
Warren  
Washington  
Westmoreland  
Wise  
Wythe  
York

## Independent Cities

Alexandria  
Bristol  
Buena Vista  
Charlottesville  
Chesapeake  
Colonial Heights  
Covington  
Danville  
Emporia  
Fairfax  
Falls Church  
Franklin  
Fredericksburg

Galax  
Hampton  
Harrisonburg  
Hopewell  
Lexington  
Lynchburg  
Manassas  
Manassas Park  
Martinsville  
Newport News  
Norfolk  
Norton  
Petersburg

Poquoson  
Portsmouth  
Radford  
Richmond  
Roanoke  
Salem  
Staunton  
Suffolk  
Virginia Beach  
Waynesboro  
Williamsburg  
Winchester



# 2017 Virginia QSO Party



The Shenandoah Valley Amateur Radio Club built their ham shack in 1954 with help from John, N4MM, and Sam, W4WSE, who remain active members.

*The  
Sterling Park Amateur Radio Club  
thanks*



Perhaps the oldest continuously operating ham shack in VA, the shack is joined by two buildings, modern radios, and antennas.

*for promoting amateur radio activity  
in Virginia's 95 Counties and 38 Independent Cities through enthusiastic  
participation in this annual event.*

Accomack  
Albemarle  
Alleghany  
Amelia

## Counties

Amherst  
Appomattox  
Arlington  
Augusta  
Bath  
Bedford  
Bland  
Botetourt  
Brunswick  
Buchanan  
Buckingham  
Campbell  
Caroline

Carroll  
Charles City  
Charlotte  
Chesterfield  
Clarke  
Craig  
Culpeper  
Cumberland  
Dickenson  
Dinwiddie  
Essex  
Fairfax  
Fauquier

Floyd  
Fluvanna  
Franklin  
Frederick  
Giles  
Gloucester  
Goochland  
Grayson  
Greene  
Greensville  
Halifax  
Hanover  
Henrico

Henry  
Highland  
Isle of Wight  
James City  
King & Queen  
King George  
King William  
Lancaster  
Lee  
Loudoun  
Louisa  
Lunenburg  
Madison

Mathews  
Mecklenburg  
Middlesex  
Montgomery  
Nelson  
New Kent  
Northampton  
Northumberland  
Nottoway  
Orange  
Page  
Patrick  
Pittsylvania

Powhatan  
Prince Edward  
Prince George  
Prince William  
Pulaski  
Rappahannock  
Richmond  
Roanoke  
Rockbridge  
Rockingham  
Russell  
Scott  
Shenandoah

Smyth  
Southampton  
Spotsylvania  
Stafford  
Surry  
Sussex  
Tazewell  
Warren  
Washington  
Westmoreland  
Wise  
Wythe  
York

## Independent Cities

Alexandria  
Bristol  
Buena Vista  
Charlottesville  
Chesapeake  
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Fairfax  
Falls Church  
Franklin  
Fredericksburg

Galax  
Hampton  
Harrisonburg  
Hopewell  
Lexington  
Lynchburg  
Manassas  
Manassas Park  
Martinsville  
Newport News  
Norfolk  
Norton  
Petersburg

Poquoson  
Portsmouth  
Radford  
Richmond  
Roanoke  
Salem  
Staunton  
Suffolk  
Virginia Beach  
Waynesboro  
Williamsburg  
Winchester



# 2018 Virginia QSO Party



*The  
Sterling Park Amateur Radio Club  
thanks*

*for promoting amateur radio activity  
in Virginia's 95 Counties and 38 Independent Cities  
through enthusiastic participation in this annual event.*



Forests, farms, foxes and the Fauquier Amateur Radio Association.  
Sharing an interest in VAQP and all things amateur radio for forty years!





# 2019 Virginia QSO Party



*The*  
**Sterling Park Amateur Radio Club**  
*thanks*

**NAME, CALL-SIGN  
CATEGORY RANKING**

**SCORED <> POINTS. CONTACTED <> COUNTIES AND INDEPENDENT CITIES.**

*for promoting amateur radio activity  
in Virginia's 95 Counties and 38 Independent Cities  
through enthusiastic participation in this annual event.*



**Vienna Wireless Society**

Amateur Radio Club Since 1963

**“Promoting Amateur Radio in the Washington DC Metropolitan Area  
for Over 55 Years”**





# 2020 Virginia QSO Party



*The*  
**Sterling Park Amateur Radio Club**  
*Thanks*

## NAME, CALL-SIGN CATEGORY RANKING

SCORED <> POINTS. CONTACTED <> COUNTIES AND INDEPENDENT CITIES.  
FROM THE <CLUB>.

*for promoting amateur radio activity  
in Virginia's 95 Counties and 38 Independent Cities  
through enthusiastic participation in this annual event.*



## ALEXANDRIA RADIO CLUB

*For over 65 years the Alexandria Radio Club has been a model of service to the Alexandria community while proudly representing amateur radio throughout the DC Metropolitan area. Find us at [www.W4HFH.org](http://www.W4HFH.org).*





# 2021 Virginia QSO Party



*The  
Sterling Park Amateur Radio Club  
thanks*

**NAME, CALL-SIGN  
CATEGORY RANKING**

**SCORED <> POINTS. CONTACTED <> COUNTIES AND INDEPENDENT CITIES.  
FROM THE <CLUB>.**

*for promoting amateur radio activity  
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through enthusiastic participation in this annual event.*

## Loudoun Amateur Radio Group



**Field  
Day**



**ARISS Contact**



**Holiday Party**



# 2022 Virginia QSO Party

The  
**Sterling Park Amateur Radio Club**  
thanks

## NAME, CALL-SIGN CATEGORY RANKING

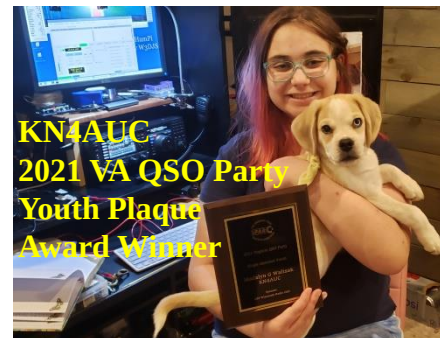
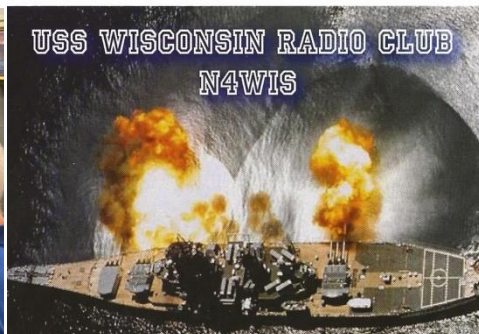
SCORED <> POINTS. CONTACTED <> COUNTIES AND INDEPENDENT CITIES.  
FROM THE <CLUB>.

*for promoting amateur radio activity  
in Virginia's 95 Counties and 38 Independent Cities  
through enthusiastic participation in this annual event.*

## USS Wisconsin Radio Club (N4WIS)



Ship Operations,  
KK4RF Operator



WW II Vintage  
Station



# 2023 Virginia QSO Party



*The  
Sterling Park Amateur Radio Club  
thanks*

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ARRL 4<sup>th</sup> Call Area  
Incoming QSL Bureau

Amateur Radio  
Exams & Classes



Pizza Party

Amateur Radio Booth  
at SterlingFest



Field Day

**Sterling Park Amateur Radio Club**



# 2024 Virginia QSO Party



*The  
Sterling Park Amateur Radio Club  
thanks*

*for promoting amateur radio activity  
in Virginia's 95 Counties and 38 Independent Cities  
through enthusiastic participation in this annual event.*



Our president KN4SYE setting up the logging computer for Winter Field Day at Pocahontas State Park.

The **Richmond Amateur Telecommunications Society (RATS)** participates in many events such as the VA QSO Party, Summer and Winter Field Day, POTA, and Public Service events like the Richmond 10K, Richmond Marathon, Bike MS, and Special Olympics among others.



Club Member W4MAF operating at a club POTA activation.



# 2025 Virginia QSO Party



*The  
Sterling Park Amateur Radio Club  
thanks*

*for promoting amateur radio activity  
in Virginia's 95 Counties and 38 Independent Cities  
through enthusiastic participation in this annual event.*

**László Végh, OM2VL**

**Winner of High DX plaques for 2019, 2020, 2021, 2022, 2023, and 2024.**

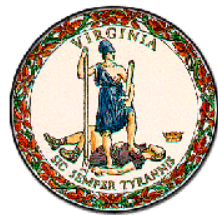


# How are we doing?

| State | Logs<br>Rec'd<br>2019 | Logs<br>Rec'd<br>2020 | Logs<br>Rec'd<br>2021 | Logs<br>Rec'd<br>2022 | Logs<br>Rec'd<br>2023 | Logs<br>Rec'd<br>2024 | Rank<br>by<br>Logs | Licensed<br>Ops | Rank by<br>License<br>Count | Party<br>Month |
|-------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------|-----------------|-----------------------------|----------------|
| CA    | 922                   | 1365                  | 1156                  | 1214                  | 1121                  | 1148                  |                    | 103,078         | 1                           | Oct            |
| FL    | 1029                  | 1186                  | 953                   | 854                   | 805                   | 847                   |                    | 43,821          | 3                           | Apr            |
| VA    | 449                   | 613                   | 667                   | 679                   | 637                   | 721                   |                    | 21,026          | 12                          | Mar            |
| PA    | 483                   | 708                   | 715                   | 670                   | 648                   | 648                   |                    | 24,620          | 7                           | Oct            |
| NC    | 300                   | 410                   | 598                   | 556                   | 543                   | 538                   |                    | 22,758          | 8                           | Mar            |
| NY    | 305                   | 540                   | 495                   | 490                   | 468                   | 505                   |                    | 27,311          | 6                           | Oct            |
| WA    | 336                   | 564                   | 438                   | 366                   | 379                   | 434                   |                    | 34,766          | 4                           | Sep            |
| OH    | 317                   | 225                   | 432                   | 404                   | 369                   | 403                   |                    | 28,090          | 5                           | Aug            |
| IL    | 260                   | 447                   | 401                   | 372                   |                       | 405                   |                    | 20,074          | 13                          | Oct            |
| MI    | 384                   | 507                   | 434                   | 442                   | 329                   | 373                   |                    | 21,473          | 10                          | Apr            |
| TX    | 348                   | 447                   | 463                   | 420                   | 384                   | 311                   |                    | 54,546          | 2                           | Sep            |
| SC    | 242                   | 318                   | 454                   | 383                   | 436                   |                       |                    | 10,307          | 27                          | Feb            |
| AZ    | 178                   | 367                   | 306                   | 311                   |                       | 293                   |                    | 22,218          | 9                           | Oct            |

*We do very well!*

Updated 31 Jan 25



# 2025 Virginia QSO Party



See you on the air!

73,

Sterling Park Amateur Radio Club