



Virginia QSO Party

2021

Pre-Party Briefing

Sterling Park Amateur Radio Club (SPARC)

http://www.qsl.net/sterling/VA_QSO_Party/QSOParty.htm

Gordon Miller, NQ4K

5 Jan 21: Released
3 Feb 21: Updated
4 Feb 21: Updated

7 Feb 21: Updated
8 Feb 21: Updated
10 Feb 21: Updated

13 Feb 21: Updated
24 Feb 21: Updated. New plaque.
1 Mar 21: Updated pg 16.

9 Mar 21: Updated



Keys efforts for 2021



- New plaque: GOTA station
- Continue to encourage automated log submission thru on-line portal
- Mail certificates to:
 - All Virginians
 - All Non-Virginians who put "CERTIFICATE: YES" in their log.



Topics



- Tips for the Party
- Hams who helped and Other Topics
- Plaques and Sponsors
- Rules
- Meta-Analysis of the 2020 QSO Party
- All Time High Scores
- Certificates



Getting started with the VQP



- 20-21 March;
 - Saturday: 10 AM to Midnight (Virginia local time)
 - Sunday: 8 AM to 8 PM (Virginia local time)
- “Best” Frequency for Virginia
 - SSB HF: 3860 MHz (80M) and go up and down.
 - FM VHF: 146.580 (2M) and then go up and down.
- Logging: Paper log or electronic log

Paper log: Summary sheet and QSO data

Frequency, Mode, Date, Time,

Your Call, SN, QTH

His Call, SN, QTH

Electronic log: N1MM+ or N3FJP VA QSO Party



Getting started with the VQP



- Search and Pounce

- Tune, Listen, Log **CQ Virginia QSO Party. This is W2YE**
- Answer with Your Call Sign
 i.e., NQ4K
- Listen/Log QTH and Serial Number
 i.e., NQ4K LDN 546
- Answer with “QSL,” Your QTH and Serial Number
 i.e., QSL FFX 01
- Do it again, and again,



Interesting VQP Questions (1 of 2)



- Can I announce my intention to operate a station, my hours, and probable bands/frequencies: **Yes**
- Can I self-spot? **No. Calling station do not spot.**
 - Spotting is reporting call sign and frequency to DX Cluster or similar system
 - Answering or listening stations can “spot”.
- Spotting nets, DX clusters, etc. may be used to find stations to contact.
 - Use spotting tools referenced on website
 - Andy K1RA, APRS Mobile County Tracker
 - John, KX4O, provides the VQP spotting network.

Interesting VQP Questions (2 of 2)



- What if I do not get all the exchange / information?

Ask for it again.

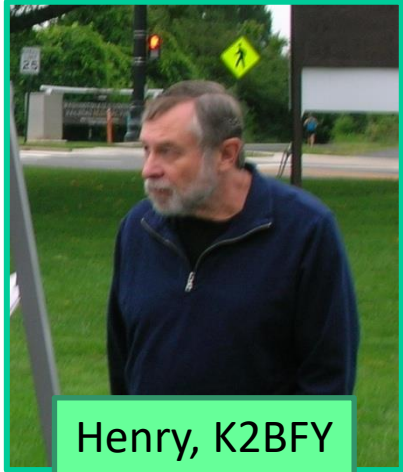
For foreign station, use DX as QTH

If otherwise missing information, leave blank

If you do not get all the information, then you have not made a valid contact.

Leave incomplete QSO data in log in case the other stations did get all the data

2021 VQP Committee



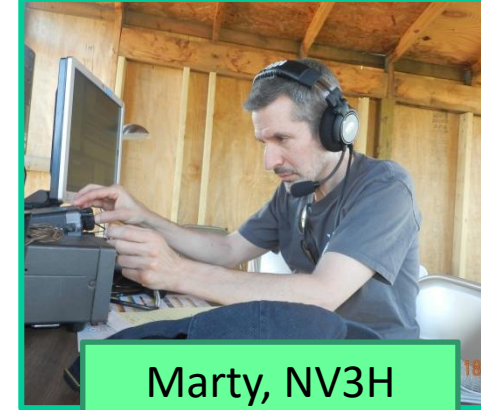
Henry, K2BFY
E-Scoring SW



Gordon, NQ4K
Coordination



Eric, AJ4LN
E-Log scoring



Marty, NV3H
On-line Log Portal



John, KX4O
Plaque scoring



Barry, KD4BK
Certificate Titles



Chris, KT9N
Publicity

2021 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

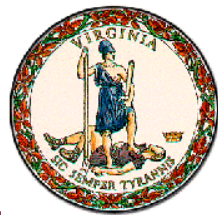
A standalone DX Cluster for use of QSO Parties and Operating Events

DXSpider Telnet Access spots.qsoparty.com 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](#)

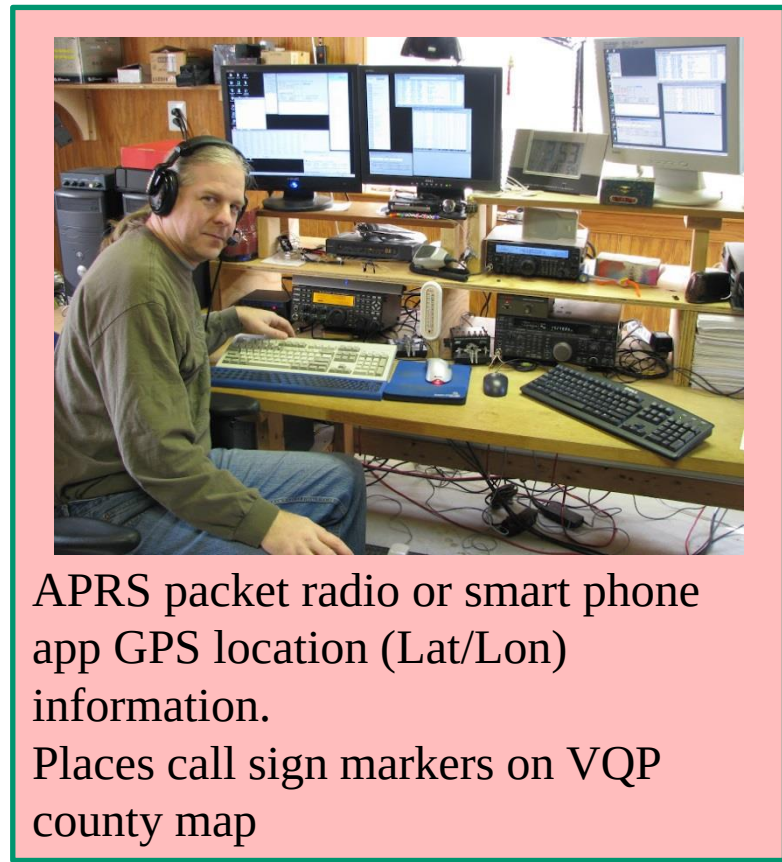
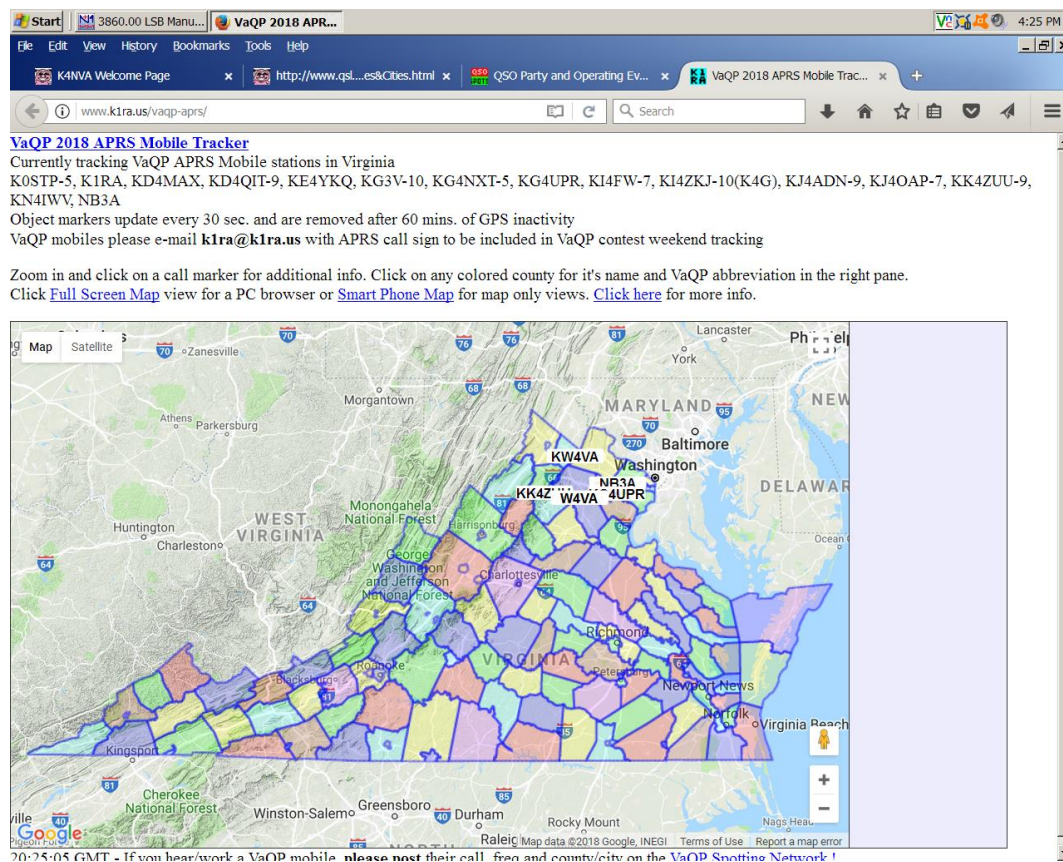
freq	call	time	age	comments	spotter
7225	KW4VA	2017Z	5 min ago	LSB	<AJ4LN>
146520	KN4GDQ/M	2017Z	5 min ago	PRW	<KX4O>
446000	KN4GDQ/M	2016Z	6 min ago	PRW Fresh meat.	<KX4O>
7243	VA3QWW	2014Z	8 min ago	LSB	<AJ4LN>
3805	KE4WLL	2008Z	14 min ago	LSB	<AJ4LN>
3825	K2SDS	2008Z	14 min ago	LSB	<AJ4LN>
3810	NU3K	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>

2021 VQP Significant Contributors

Andy K1RA, APRS Mobile County Tracker



APRS stations should email station call and -SSID to Andy.
k1ra@k1ra.us



<https://k1ra.us/2021/02/07/vaqp-2021-aprs-mobile-tracker/>

2021 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/vaqpch.html>>

!!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

2020 VQP Significant Contributors

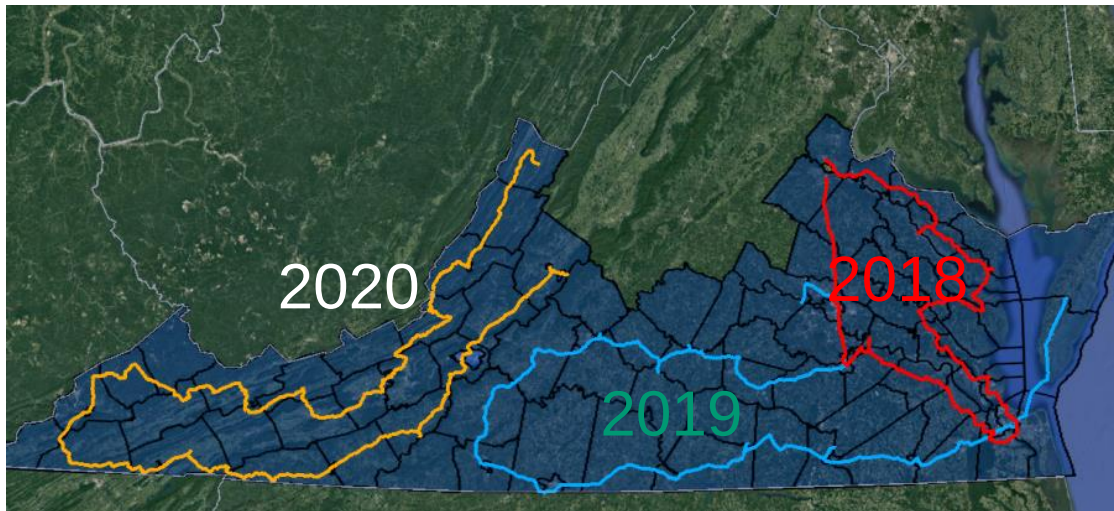


Once again, mobiles made a significant contribution.

W4GO/M

2121 QSOs Contacted 82 C&IC mostly on 40/80M
Traveled over 673 miles in 35 VA counties.
Was only station making QSOs in 7 counties.

From W4GO web site.



2020 VQP Significant Contributors



More significant mobile operations.

NB3A/M

606 QSOs 53 C&IC
primarily 70cm/2/6/40/80M



KG3V/M

370 QSOs 54 C&IC
Primarily 40/80M



2021 VQP Plaques and Sponsors (1 of

27 plaques



Plaque	Sponsor
Special Awards	
Get-On-The-Air (GOTA)	Sterling Park Amateur Radio Club
Plaques for only to Virginia Stations	
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
Virginia Mobile Multiple Operator	Jeff Fuller, WB6UIE
Virginia Mobile Single Operator	Middle Peninsula Amateur Radio Club
Virginia Expedition	Robert Harvey, K2PI
Virginia Club Combined Score	Vienna Wireless Society
Virginia Club - Virginia QSOs Only	www.hamradio.me
Virginia Fixed Multiple Operator Single Transmitter	Andy Zwirko K1RA / KW4VA
Virginia Fixed Multiple Operator Multiple Transmitter	Rappahannock Valley Amateur Radio Club



2021 VQP Plaques and Sponsors (2 of 2)



Plaques for any Single Operator Station	
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	www.hamradio.me
Single Operator Digital Mode	John Heartney, KG4NXT
Single Operator Youth	USS Wisconsin Amateur Radio Club
Plaques for Stations Outside of VA	
Outside Virginia Single Operator	Alexandria Radio Club
Outside Virginia Phone/Mixed QRP	David Collins, N4WDC
Outside Virginia Single Operator CW QRP	Rappahannock Amateur Radio Association
DX Station	North Shenandoah DX Association



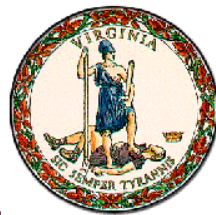
Get-On-The-Air (GOTA) Station plaque



- Idea from:
 - Theresa, KG4TVM, during OVH VQP presentation.
 - And borrowing from Field Day GOTA station rules
- A Virginia station at which a non-licensed person participates in the VQP under the supervision of a licensed control operator.
 - Participant does all functions: talking on radio, logging, etc.
 - Limited to a single participant.
- In Log:
 - Put words “GOTA station” in soapbox.
 - Name of control operator.
- Additional Thought
 - An unlicensed person may also participate in a multiple operator station under the supervision of a control operator. Both

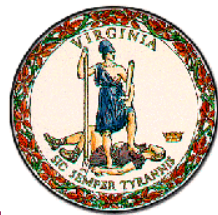


State QSO Party Challenge Impact on VQP



- Goal:
 - Recognize participation in State/ Province QSO Parties.
 - 47 parties in all
 - Scoring:
 - Total number of contacts X
 - Number of QSO Parties entered (at least 2 QSOs).
- 2020 VQP Impact
 - Big increase in entries: 449 to 613
 - Big increase in number of low QSO entries
 - 2 QSOs 11
 - 3 QSOs 18
 - =<10 QSOs 113 of 613

2020 Plaque Competition Counts

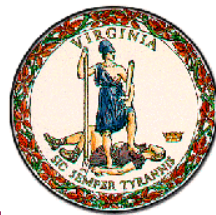


Plaque	2017	2018	2019	2020
Single Operator Youth		7	4	1
Single Operator Digital Mode	2	3	0	3
Virginia Mobile Multiple Operator	0	4	2	3
Outside Virginia Phone/Mixed QRP		12	4	4
Virginia Expedition	2	3	7	4
Multiple Operator Multiple Transmitter	6	8	21	4
DX Station		3	2	5
Virginia Single Operator Phone/Mixed QRP		13	10	6
Virginia Single Operator CW QRP	3	14	3	7
Outside Virginia Single Operator CW QRP	3	10	7	8
Multiple Operator Single Transmitter	7	11	11	8
Virginia Single Operator CW High Power		13	5	9
Single Operator Novice/Tech/Rookie		22	22	10
Virginia Single Operator CW Low Power		47	24	20
Single Operator VHF Only		18	15	22
Virginia Mobile Single Operator		35	18	27
Virginia Single Operator Phone High Power		28	18	33
Virginia Single Operator High Power		79	50	66
Virginia Single Operator Low Power		266	188	145
Single Band		110	91	163
Virginia Single Operator Phone Low Power		143	128	204
Outside Virginia Single Operator		167	195	317
Single Operator Virginia Counties/Ind Cities Contacted		390	425	601
Single Operator Virginia QSOs Only		390	425	601
Single Operator Young Adult	1	1	n/a	n/a

**Some
plaques
need more
competition!**



Improve Activations in Counties and Independent Cities



- Mobiles make a superb effort to ensure that counties and independent cities are activated.
- However, we get only get fixed station logs from 77 C&IC. See list in briefing.
- **Need to do more to get fixed station logs from all 133 QTHs.**
- We cannot do this alone. Need help.

Most Wanted Fixed Site / Logs



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

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

QTH	No. logs last 2 years	No. logs last 5 years
AME	0	0
BCH	0	0
BHM	0	0
BLA	0	0
BRU	0	0
BVX	0	0
CHA	0	0
COX	0	0
CRA	0	0
DAX	0	0
DIC	0	0
DIN	0	0
GAX	0	0
GRA	0	0
HAL	0	0
HRY	0	0
LEE	0	0
LUN	0	0
MID	0	0
NEL	0	0
NEW	0	0
NHA	0	0

QTH	No. logs last 2 years	No. logs last 5 years
NOT	0	0
NRX	0	0
PBX	0	0
PIT	0	0
RAP	0	0
RIC	0	0
SUS	0	0
WIS	0	0
WMX	0	0
APP	0	1
ESS	0	1
FRX	0	1
LEX	0	1
MEC	0	1
MPX	0	1
MVX	0	1
RAX	0	1
RIX	0	1
SCO	0	1
CCY	0	2
MAD	0	2
GOO	0	3

QTH	No. logs last 2 years	No. logs last 5 years
RUS	0	3
SMY	0	3
TAZ	0	3
WAX	0	4
FCX	1	1
GVL	1	1
HIG	1	1
KWM	1	1
PAT	1	1
POW	1	1
PRE	1	1
PRG	1	1
SHA	1	1
STX	1	2
KQN	1	3
PUL	1	3
CLN	1	4
HBX	1	4
WYT	1	5
MAT	1	6
BOT	1	8

2020 Pre-Party Presentations



Shenandoah Valley ARC, 6 February 2020



Westmoreland ARC, 11 February 2020

2020 Pre-Party Presentations



2020 Scoring Party



2016 scoring party
Dick, 2YE; Gordon, NQ4K;
Monte, KV4KS; Bill, K4UPE.

No scoring party held.

2017	-	27 paper logs.
2018	-	17 paper logs.
2019	-	15 paper logs.
2020	-	16 paper logs.

Paper logs almost gone.
Expect a few to remain.

Analysis of Top Scorers

Top 3 Single Operator Stations



High station was
Low power.

Low power as
good as high
power in this
contest

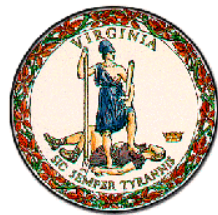
K1HTV
advantage was
CW and Mobile
QSOs.

	K1HTV	W4GO/M	K3SK
Category Station	FIXED	MOBILE	FIXED
Category Power	LOW	HIGH	HIGH
Club	FARA	FARA	
QSO Points			
QSOs	902	2,121	1,101
Ph (1 pt ea)	334	2,108	1,061
CW (2 pt ea)	387	0	0
VA Mobile (3 pt ea)	181	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.

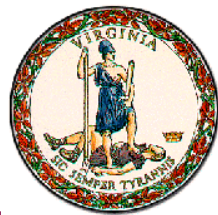


Virginia QSO Party

2021 Rules

There are no rule changes for the 2021 Virginia QSO Party.

2021 Rules Objective and Dates



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

Sat, 20 Mar, 1400 UTC – Sun, 21 Mar, 0400 UTC
(Saturday, 10 AM – 12 Midnight local)

Sun, 21 Mar, 1200 UTC – 2400 UTC
(Sunday, 8 AM – 8 PM local)



2021 Rules Entry Categories



OP Categories

Single OP
Multi OP / Single Trans
Multi OP / Multi Trans

Power Categories

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

Mode Categories

Phone (SSB/FM)
CW
Digital (RTTY/PSK/FT8)
Mixed

Station Categories

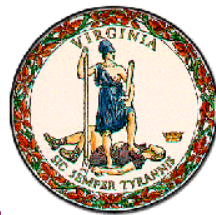
Fixed Station
Mobile
Expedition

Band Categories

Multi-Band
Single Band

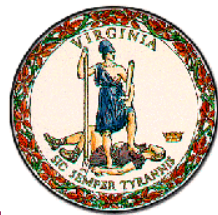
Club Entry

2021 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.
- Spotting nets, DX clusters, etc., may be used to locate other stations - no self-spotting permitted.
- Logs with a significant number of QSOs with the same station will be categorized as check logs.

2021 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.

2021 Rules Scoring



- QSO Points
 - Phone 1 pt
 - CW 2 pts
 - Digital 2 pts
 - VA Mobile 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 / 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



2021 Rules Scoring



- Bonus Points

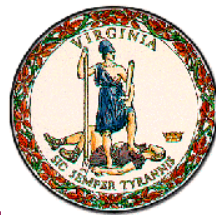
- VA Mobile and Expedition stations: 100 points for each VA County/Independent City from which they log a valid QSO.
- No bonus stations.

- Final score

QSO Points X Multipliers + Bonus Points



2021 Rules Entries



- Fixed, Expedition, 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
 - 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.



2021 Rules Suggested Frequencies



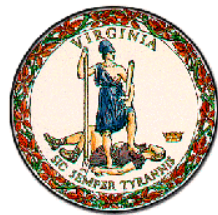
- 160 meters and up, Except no WARC band QSO's permitted.
- CW - 1805 KHz and 50 KHz up from band edge on others.
- PHONE -1845, 3860, 7260, 14270, 21370 and 28370 KHz.
- Digital: Normally accepted sub-bands, e.g.,
 - PSK31: 3580 7070
 - FT8: 3573 7074 (standard frequencies in wsjt-x)
 - RTTY: 3570 7080
- VHF –
 - 6M: CW/SSB: 50.130 FT8: 50.313 Mhz
 - 2M: SSB: 144.200 FM: 146.580 FT8: 144.174 Mhz
 - 1.25M FM: 223.500
- UHF – 70cm 446.00 (FM)



2021 Rules Awards



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



2020 Virginia QSO Party

Log Metadata Analysis and QSO Analysis

Log MetaData



Year	No. of logs
2020	613
2019	449
2018	409
2017	399
2016	413
2015	375
2014	379
2013	386
2012	356
2011	358

Big increase from last year!

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



Mostly Amateur Extras.

Not many Technician licenses.

License Class	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
Extra	103	170	229	210	224	213	214	236	253	252	252	282	271	289	322	457
Adv	8	17	12	11	9	10	10	14	13	14	15	12	10	9	8	14
General	32	47	71	67	81	70	83	67	75	67	71	78	83	71	82	101
Tech	11	20	5	11	16	14	10	6	12	5	10	9	8	8	10	7
Club	4	4	11	13	11	10	6	18	12	13	16	16	11	13	11	10
Other	11	21	23	24	23	24	35	15	21	28	11	16	16	19	16	24
Total											375	413	399	409	449	613

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
High	1,129,640	926,172	971,861	600,180	1,025,376	1,193,975	815,538
Average	20,854	17,513	17,179	12,290	1,500	13,811	13,098
Median	3,564	3,608	2,678	1,704	15,466	1218	1,925
Low	0	1 (4x)	1 (x11)	0 1 (x8)	0 1 (x8)	0 (x3) 1 (x10)	1 (x4)

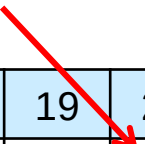
High is KW4VA
(multi-multi)
with 3 ops.
Down from 8
ops last year.

Log MetaData



Distribution between modes is about same.

CW remains strong - 20%



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

Log MetaData



Most hams use low power.

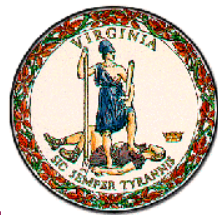
Power	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
Hi-Low	155	260	330													
High				73	80	66	73	63	67	63	51	75	68	92	92	151
Low				238	263	248	256	272	287	285	285	308	311	290	331	437
QRP	15	19	23	25	21	25	29	21	32	31	39	30	20	27	26	25

Expeditions and mobiles are the same.

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

Log MetaData

Multi-Ops down!



# Ops	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
1	263	333	315	350	318	337	339	374	369	359	395	386	390	426	601
2	8	7	15	6	9	6	5	6	3	6	8	6	12	10	9
3		4	2	3	4	4	3	2	2	4	5	2	1		1
4	5	4	1	1	2	3	2	1	2	3	2	2	1	3	1
5	1	1				1	1		1	1		1	1	4	
6		1		1	1	2	1				1			1	
7					1	1		2		1	1		2	1	
8	2		1		2		1		1	1	1	2	1	2	1
9		1	1	1			3		1						
10			1			1		1					1		
11						2									
12														1	
13		1		2		1	1								
15					2										
Total	16	19	21	14	21	21	17	12	10	16	18	12	19	22	12

W4CAR

Log MetaData



80M and 40M very popular.
Most chase propagation to get QSOs.

Band	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
All	133	201	266	265	273	260	284	272	272	279	266	304	321	290	358	446
SB(160M)							1									2
SB(80M)	3	6	20	13	16	9	4	2	4	1	2	3	5	26	40	61
SB(40M)	11	13	27	21	27	38	37	58	79	73	69	64	39	53	29	52
SB(20M)	4	11	16	18	18	11	13	13	10	9	12	12		21	7	33
SB(15M)	1									1	2					
SB(10M)	1			2			1		2	1		1				
SB(6M)	0	1	1													
SB(2M)	2	24	9		20	15	12	10	10	12	15	23	10	10	10	15
SB (1.25M)					1		1									
SB (70 cm)								1								
VHF Only	15	23	14	4	9	6	5	10	9	3	9	6	7	9	5	4

Log QTHs



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

Big jump in Other US logs.

Log QTHs DX

Only 5 DX Logs



DX QTH	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
Argentina			1													
Azores				1												
Columbia							1						1			
Curacao							2									
Czech Rep	1		1	1		1		1	1	1	1					
England						1	1						1			
Finland												1	2			
France										2						1
Germany	1	1		2	1	1	1		1	1	1	1	1	1		1
Hungary	1				1	1										
Ireland										1						
Italy		1		1									1	1		
Jamaica							1									
Japan				1				1								
Lithuania					1	1	1			1	1				1	
Netherlands	1	1	1	1	1	1	1									
Paraguay					1											
Poland					2	1	2	1	2	1			1			1
Portugal		1	1	1	1	1										
Russia												1				
Slovak Republic										1					1	1
Spain			1									1		1		1
Sweden						2				3		1				
Ukraine			1		1											
West Indies								1								

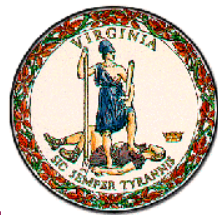
Logs from US and Canada (1 of 3)

44 states

3 provinces

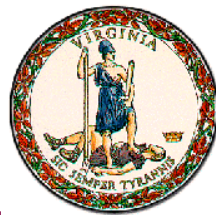
QTH	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
AB														1		
AL	1	3	1	3	2	3	2	2	1	2				1	2	4
AR																3
AZ			2	3	5	1	1	4	3	1		2	1	2		
AR		1				1				1		1	1	2	3	
BC	1	2	1	4	1									1		
CA	1	3	7	1	3	2	3	3	2	1	6	4	6	8	8	12
CO		2	2				1		1		1	1	1	1	1	2
CT			1		2	1			4	1	2	2	2			2
DE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

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
MDC	3	4	3	3	3	2	2	4	6	6	7	9	4	5	7	11
ME			2	1	1			1		1				2	3	1
MI	6	3	5	2	6	2	1	4	4	2	3	1	3	7	3	8
MN	2	1		3	3	2	2	1	1	4	2	4	2	2	3	10
MO	1	1	1	2	1	2	5	4	3	7	3	6	5	7	4	7
MS	1	1		2	2		1				1	1		1		2
MT	1	1	1	1						1		1		1	1	2
NB			1					1	1							3
NC	2	3	4	4	5	8	7	2	8	12	8	5	6	5	8	12
ND										1	1		2	1	1	2
NE		3	2	1												2
NH	1	1	2	3	2	2	2	2	1	2	1	2	2	3	2	5
NJ	4	4	6	5	3		4	6	6	11	9	8	7	6	10	10
NM								1	1		1	2	1			1
NT				1				1								
NV			1		1	1	1	1								
NY	1	2	7	7	5	3	7	9	6	9	7	5	11	13	7	15
OH	1	3	7	6	9	8	7	6	15	6	6	11	7	12	13	16

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
OK		2	1	1					1				2	1	3	3
ON	3	5	9	8	5	3	4	7	5	4	5	10	7	7	11	13
OR					1	1	1	1	1			1	2	3	1	3
PA	4	3	6	10	8	12	15	6	12	7	9	9	9	6	12	17
RI		1		1	2	2	2	3				1				1
QC	1		3	1	1	1	2	1	1	2	1	1	1	2	2	2
SC	1		1	1		2		2	1	1	2	5	4	3	4	8
SD			1	3	1						1	1			2	1
SK	1	1	1	3	3			1	1					2		
TN	2	6	4	4	7	8	5	5	7	9		13	11	12	14	15
TX	2			1	4	3	1	3	2	3	4	8	6	2	7	18
UT					1	1							1	1		1
VT			2	1	2	1				1				3	4	3
WA		1		4	4	2	1	2	2		2	2	2	3		4
WI	2	4	3	3	6	1	3	1	3	1	1	2	4	4	3	9
WV	2	5	2	3	1	2	1	1		4	2	2	1	5	7	7
WY			1	2							1					1

Logs from VA (1 of 4)

Logs from 77 C&IC
Up 6 from last year



QTH	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
ACC	1	1				1	3	1		1	1	2	2	1	2	2
ALB				2	2	3		4	2	2	2	2	2	1	2	6
ALL	1							1	2	1	1	2	1	1	1	2
ALX	2	2	1	1	2	2	2	3		2	1	3	2	1	2	3
AME																
AMH	1		1		1	2	2			1	1	1	2		2	1
APP								1				1				
ARL	3	4	8	1	4	7	4	4	7	9	8	7	5	4	10	7
AUG			1	1	1	1	4	4	5	2	3	5	7	6	5	4
BAT	1	1	2	1	1	3		2		1		1	1	2	1	1
BCH																
BED	1	2		2	3	1	3	3	5	3	3	1	3	3	4	3
BHM							1			1						
BLA																
BOT							1	1	1	2	3	4	1	2		1
BRU																
BRX								1	1	1	1	1	1	1	1	1
BVX																
CAM			1	2		1	3	1	4	3	2	1	1	1	1	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
CHX						2	1	2	2	1	1	2	1	2	1	3
CLA	2	2	2	2	2	2	3	2	3	4	5	2	2	5	2	3
CLN							1	1	1	1	1	2	1		1	
COX																
CPX	1	3	7	5	3	9	6	6	5	6	8	7	7	4	6	10
CRA			1	1	1	1		2	1	1						
CRL		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
CUM											1		2		1	1
CVX	1	2	2	2	1	1	1	1	1	2	1	1	3	2	3	4
DAX																
DIC			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
DIN						1	1	1	1		1					
ESS		1		1								1				
Exp	1	4	4	8	6	3	7	6		3	16		2	3	6	
FAU	11	14	15	12	19	18	14	7	10	14	12	15	23	15	18	29
FBX	1	1	1	1		1		1	1	2		2	1		1	1
FCX											1					1
FFX	12	12	28	15	19	15	23	15	19	22	20	17	18	14	25	21
FLO					1	2		1								2
FLU		1				1		2	1	2	1	4	3	1	1	2
FRA	2	3	3	3	4	2	3	3	4	3	2	3	1	3	4	5
FRE	2	3	2	2	3	1	2	7	5	8	5	7	7	9	8	10
FRX					1	1	1	1		1		1				
FXX			1		1	1	1	2	2	1				1	3	2
GAX																
GIL	1	2	1	2	1	1	2	1	1	2	1	1	2	2	1	1
GLO				2				2	1		3	1	3	3	1	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
GVL																1
HAL						1	1									
HAN	2	1	5	2	6	5	5	3	3	2	2			2	4	5
HAX				1		2	2						2	2	4	3
HBX					1	1	2		1	1			2	1		1
HCO	2	2	5	2	3	4	3	6	3	1	3	5	1		2	1
HIG																1
HOX							1	1	1	1	1	1	1	1	1	1
HRY																
IOW	1	1	1	5	6	4	7	4	6	3	3	1	2	3	2	3
JAM		3	2	4	3	2	3	3	1	2	4	5	5	3	1	4
KGE				1	1	1	1	1	1			1	1	2	4	3
KQN								1				1		1	1	
KWM									1						1	
LAN		1	2	3	1	3	2	1	2	2	4	5	1	2	3	6

Logs from VA (3 of 4)



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

Logs from VA (4 of 4)



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

Logging Programs

Logging programs with 3 or more users.

Program	07	08	09	10	11	12	13	14	15	16	17	18	19	20
N1MM	39	50	69	75	94	118	121	139	142	153	161	171	203	297
N3FJP VA QSO Party	98	113	127	104	118	112	128	117	126	136	136	130	157	192
WA7BNM Web2Cab												17	33	39
Fat Fingers	38	11	15	24	34	38	20		23	29	29	24	19	34
Paper	81	63	60	46	36	46	48	45	39	48	27	17	15	16
WriteLog	23	24	19	15	20	11	6	9	10	8	14	11	7	11
GenLog	9	11	10	13	12	7	10	6	7	12	9	10	7	6
VA QSO LOGGER	32	12	6	4	8	6	4		3	3	6	4	3	4

N1MM and N3FJP remain most popular.

WA7BNM Web2Cab becoming useful, probably to casual operators.

Paper logs are almost gone. Still expect a few in future.

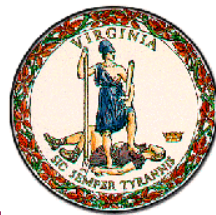
QSO Analysis



Measure	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
Contacts (electronic logs only) (i.e. # QSOs x 2)	22,300	51,048	76,654	80,756	86,116	92,944	107,422	89,576	101,640	103,598	91,584	99,320	79,878	83,398	89,790	123,470
Non-Virginia contacts	1/3	1/3	1/3	1/3	1/3	1/3	26%		27%	23%	22%	28%	30%	29%	27%	30%
States Contacted		50	50	50	50	50	50	50	50	50	50	50		48	50	50
Provinces Contacted		10	10	14	11	12	12	12	11	12	12	13	10	10	13	11
DX Entities	~41	68	112	118		119				4%	1%	2%	2%	2%	2%	1%
C&C Not Activated	17	7	6	2	1	3	5	5	4	3	0	3	2	4	1	1
High # QSOs in C&IC	2,789	3,969	5,434	3,166	5,272 FAU	9,178 LDN			12,012 LDN	10,559 LDN	5,024 FAU	7,058 FAU	8,815 FAU	6,919 FAU	6,713 FAU	8,739 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
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		
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			
Norton (NRX)		X	X												
Nottoway (NOT)		X				X	X								
Patrick (PAT)											X				
Petersburg (PBX)	X					X	X								
Poquoson (POX)	X					X									
Richmond (RIX) (city)									X						
Southampton													X		
Smyth (SMY)								X							
Tazewell (TAZ)	X														
Wythe (WYT)		X													

Mode QSOs

Mode	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
CW	9,660	13,137	8,553	12,452	12,108	8,392	10,607	8,100	10,518	12,920	19,727
DG	885	1,308	543	600	274	150	709	183	970	294	568
PH	35,927	39,276	35,692	37,768	39,417	37,250	38,334	31,656	30,204	31,681	41,439
Grand Total	46,472	53,721	44,788	50,820	51,799	45,792	49,660	39,939	41,699	44,895	61,734

CW increased by 53%

Phone increased by 30%

Digital increased by 93%

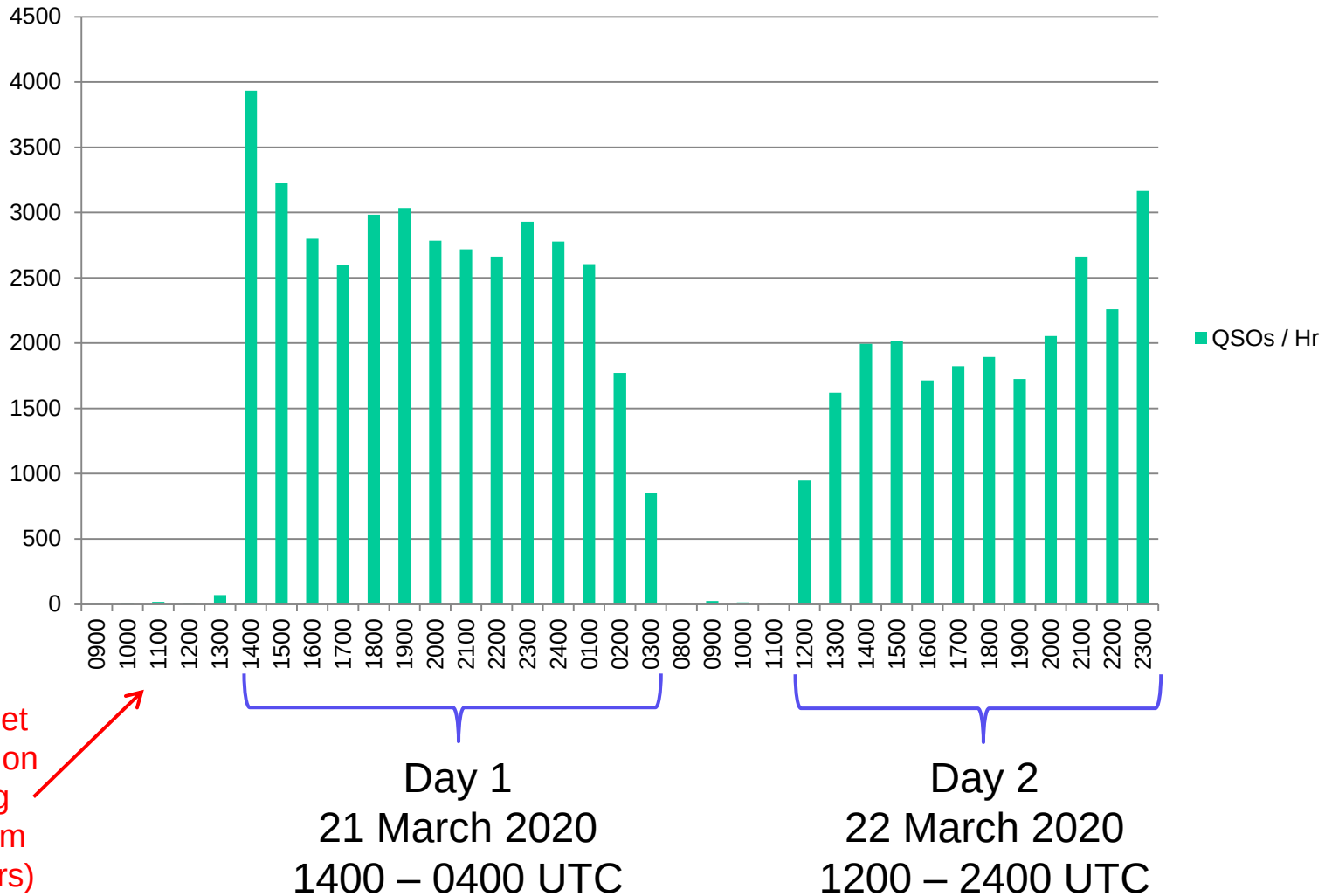
Digital is still low!

Band QSOs

Band	2016	2017	2018	2019	2020
160M	119	294	42	198	88
80M	11,008	16,924	22,055	25,179	37,615
40M	29,319	13,222	12,556	13,380	15,188
20M	6,074	5,082	4,232	3,361	4,830
15M	430	269	189	221	173
10M	65	271	68	152	120
6M	146	345	77	164	126
2M	1,565	2,401	1,458	1,559	2,407
1.25M	280	331	98	149	230
70cm	525	795	821	526	956
33cm	128				
23cm					1
30M			74		
17M			1		
12M			1		
Grand Total	49,660	39,939	41,669	44,895	61,734

Continuing
shift to 80M.

QSOs reported per Hour



Contacts in Counties and Independent Cities (1 of 6)



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

QSO Analysis

Contacts in Counties and Independent Cities (2 of 6)



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

Contacts in Counties and Independent Cities (3 of 6)



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

Contacts in Counties and Independent Cities (4 of 6)



C&C	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Lancaster	0	126	616	891	628	1032	984	602	1098	386	490	432	50	323	443	1459
Lee	0	1	3	14	65	1	287	24	57	46	33	3	25	25	24	58
Lexington *	0	2	58	60	42	69	15	88	15	1	183	1	1	151	19	109
Loudoun	1299	3465	3586	4347	8629	9178	#####	8463	#####	#####	3324	5228	3689	4095	3575	3020
Louisa	13	42	712	711	32	196	58	136	139	748	995	1002	610	755	865	1001
Lunenburg	12	45	9	49	72	1	49	55	90	128	192	73	136	153	162	184
Lynchburg *	9	42	786	322	147	53	259	168	643	240	417	129	68	1368	252	449
Madison	15	329	61	434	447	259	373	568	561	216	290	177	322	283	460	544
Manassas *	111	220	109	101	152	117	249	382	153	84	156	146	590	343	218	870
Manassas Park *	56	196	118	76	120	90	302	267	165	141	174	211	604	149	101	298
Martinsville *	0	0	60	208	62	40	258	48	442	0	400	137	225	18	136	193
Mathews	0	10	52	213	187	62	28	200	305	222	292	630	1120	888	7	325
Mecklenburg	38	394	9	59	34	54	55	3	32	45	54	512	61	42	106	50
Middlesex	1	13	47	304	186	24	14	16	12	102	19	10	2	131	2	168
Montgomery	118	1280	1817	1751	213	1197	613	612	598	1016	345	363	415	824	362	737
Nelson	10	111	287	230	275	47	121	157	554	21	268	62	78	59	495	188
New Kent	0	12	699	329	31	12	32	161	1056	103	43	21	9	89	78	3
Newport News *	11	16	54	27	43	129	691	930	686	892	475	1210	839	550	430	711
Norfolk *	5	18	151	151	113	291	162	214	244	249	188	96	11	89	323	54
Northampton	3	0	132	15	187	137	1	55	0	5	9	5	0	3	67	5
Northumberland	23	140	195	267	145	976	2038	2307	2711	3154	3023	2643	1461	1356	1386	2926
Norton *	1	2	0	0	28	7	25	22	34	57	50	1	49	17	29	136

Contacts in Counties and Independent Cities (5 of 6)



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

Contacts in Counties and Independent Cities (6 of 6)



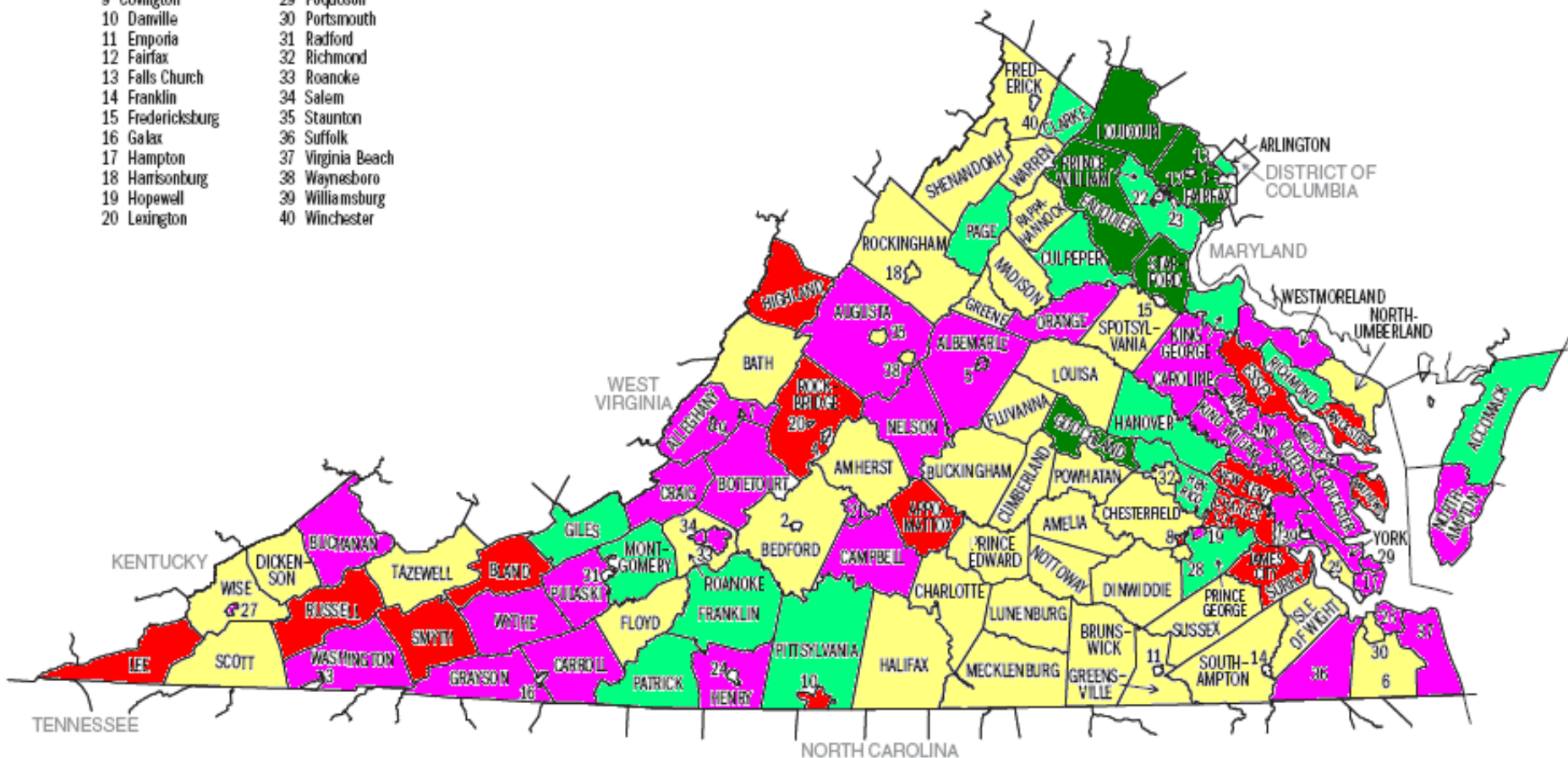
C&C	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Salem *	3	20	127	499	136	453	75	409	280	312	68	349	64	134	161	226
Scott	53	91	77	61	186	59	104	46	206	48	109	9	276	36	53	113
Shenandoah	48	200	216	64	36	71	129	653	295	472	520	621	396	503	582	1515
Smyth	0	1153	2	9	211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

Counties and Independent Cities Activated



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

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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 |
| 20 Lexington | 40 Winchester |



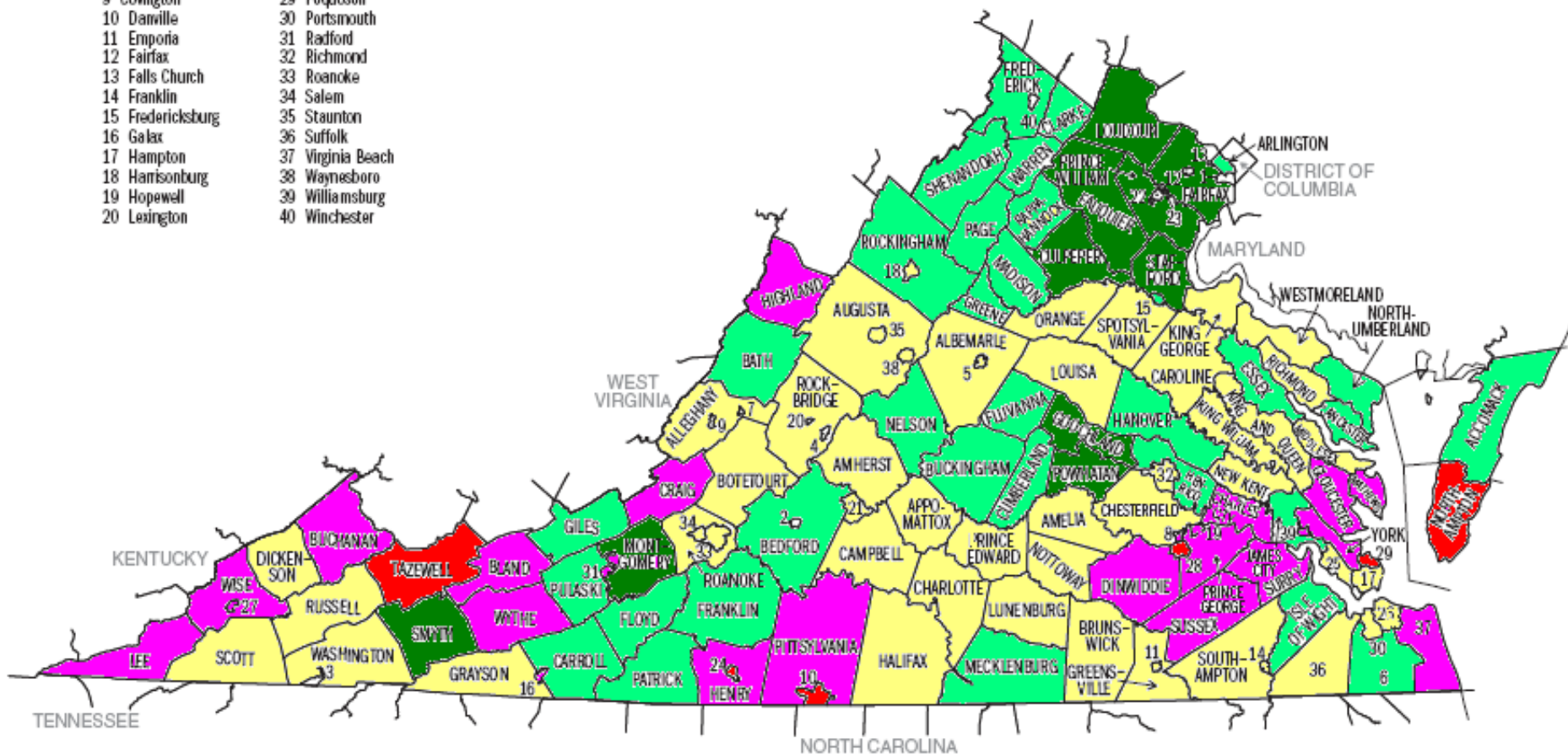
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2006 QSO Contact Analysis

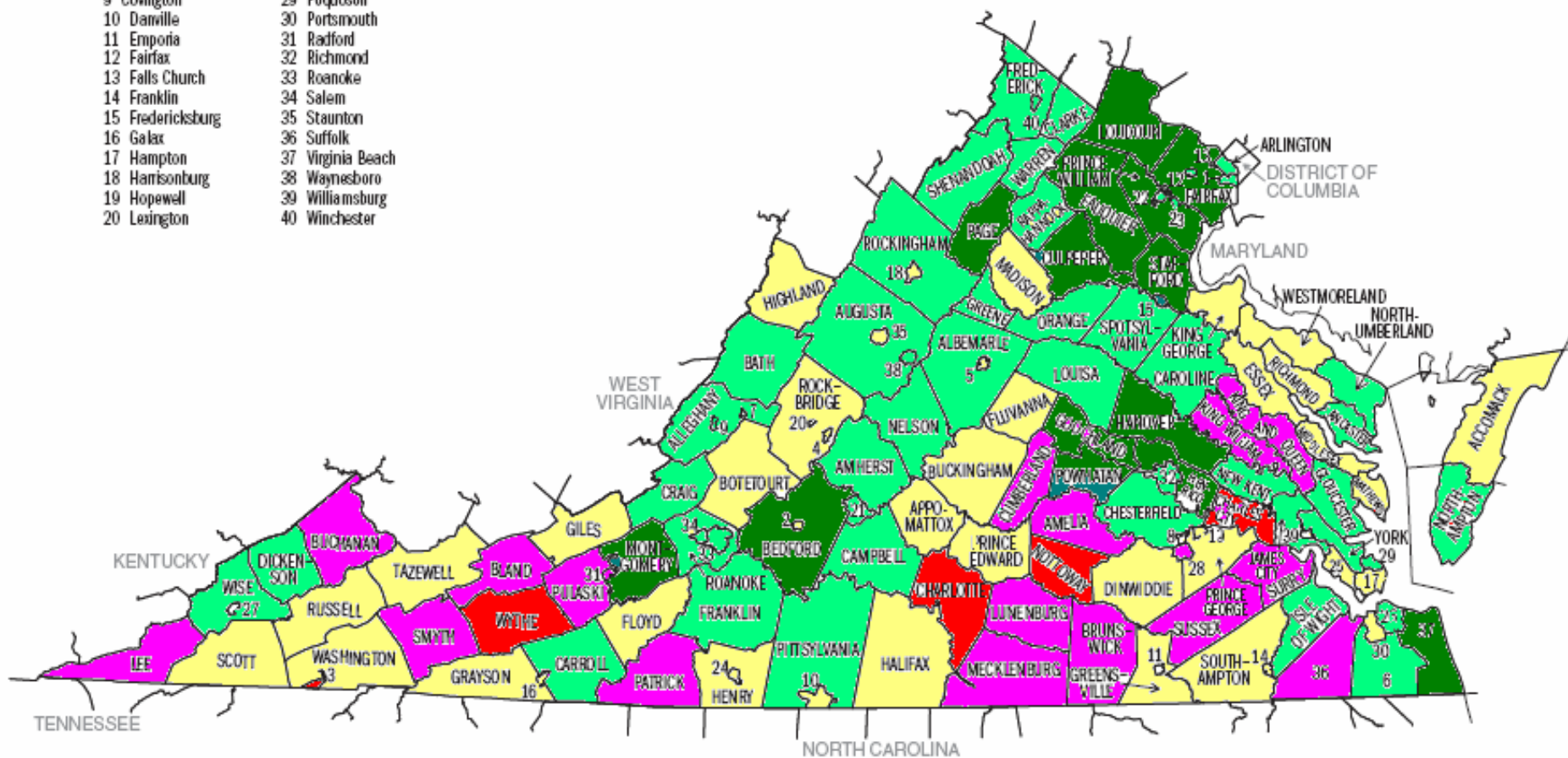


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| 2 Bedford | 22 Manassas |
| 3 Bristol | 23 Manassas Park |
| 4 Buena Vista | 24 Martinsville |
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| 14 Franklin | 34 Salem |
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| 16 Galax | 36 Suffolk |
| 17 Hampton | 37 Virginia Beach |
| 18 Harrisonburg | 38 Waynesboro |
| 19 Hopewell | 39 Williamsburg |
| 20 Lexington | 40 Winchester |



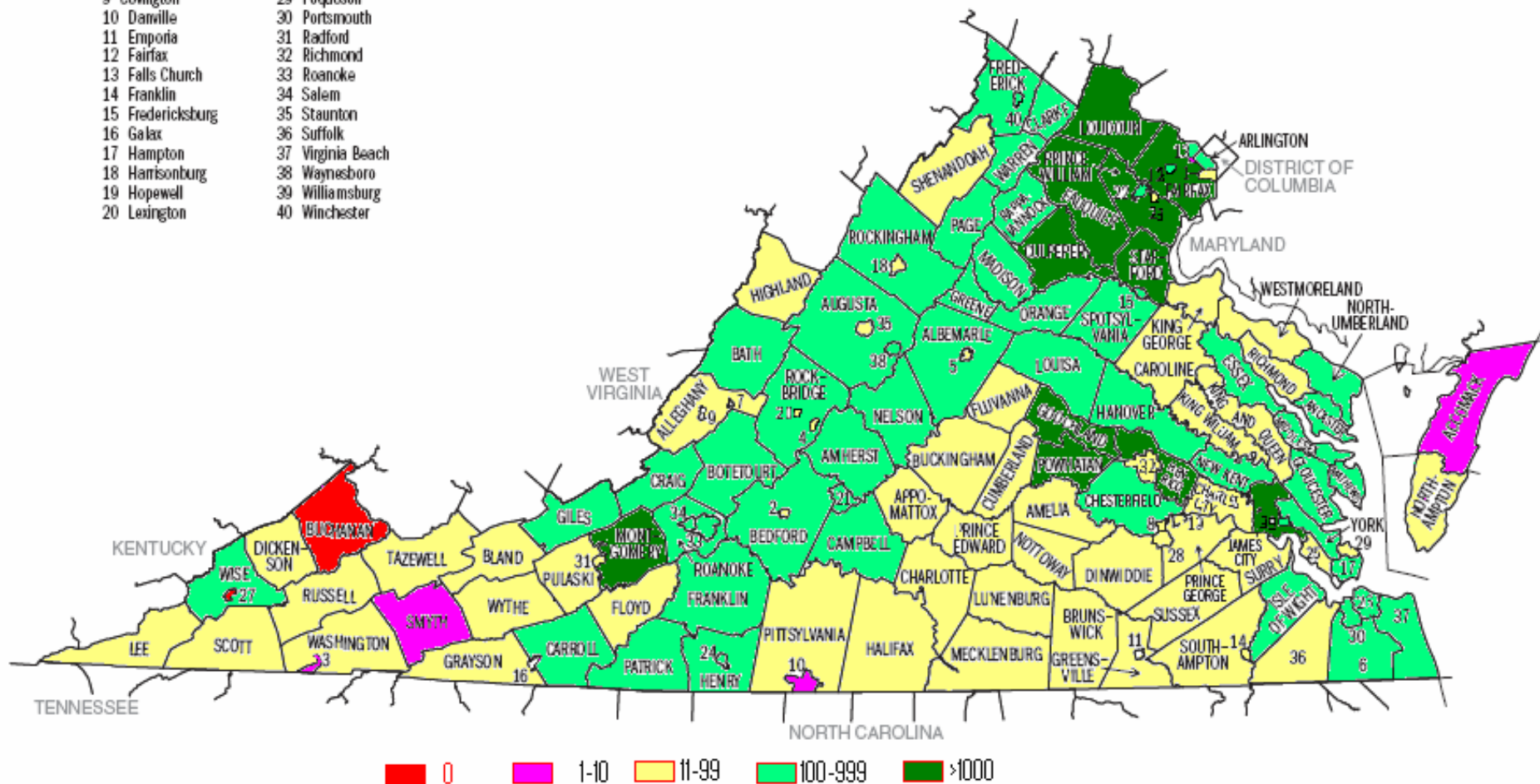
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| 12 Fairfax | 32 Richmond |
| 13 Falls Church | 33 Roanoke |
| 14 Franklin | 34 Salem |
| 15 Fredericksburg | 35 Staunton |
| 16 Galax | 36 Suffolk |
| 17 Hampton | 37 Virginia Beach |
| 18 Harrisonburg | 38 Waynesboro |
| 19 Hopewell | 39 Williamsburg |
| 20 Lexington | 40 Winchester |



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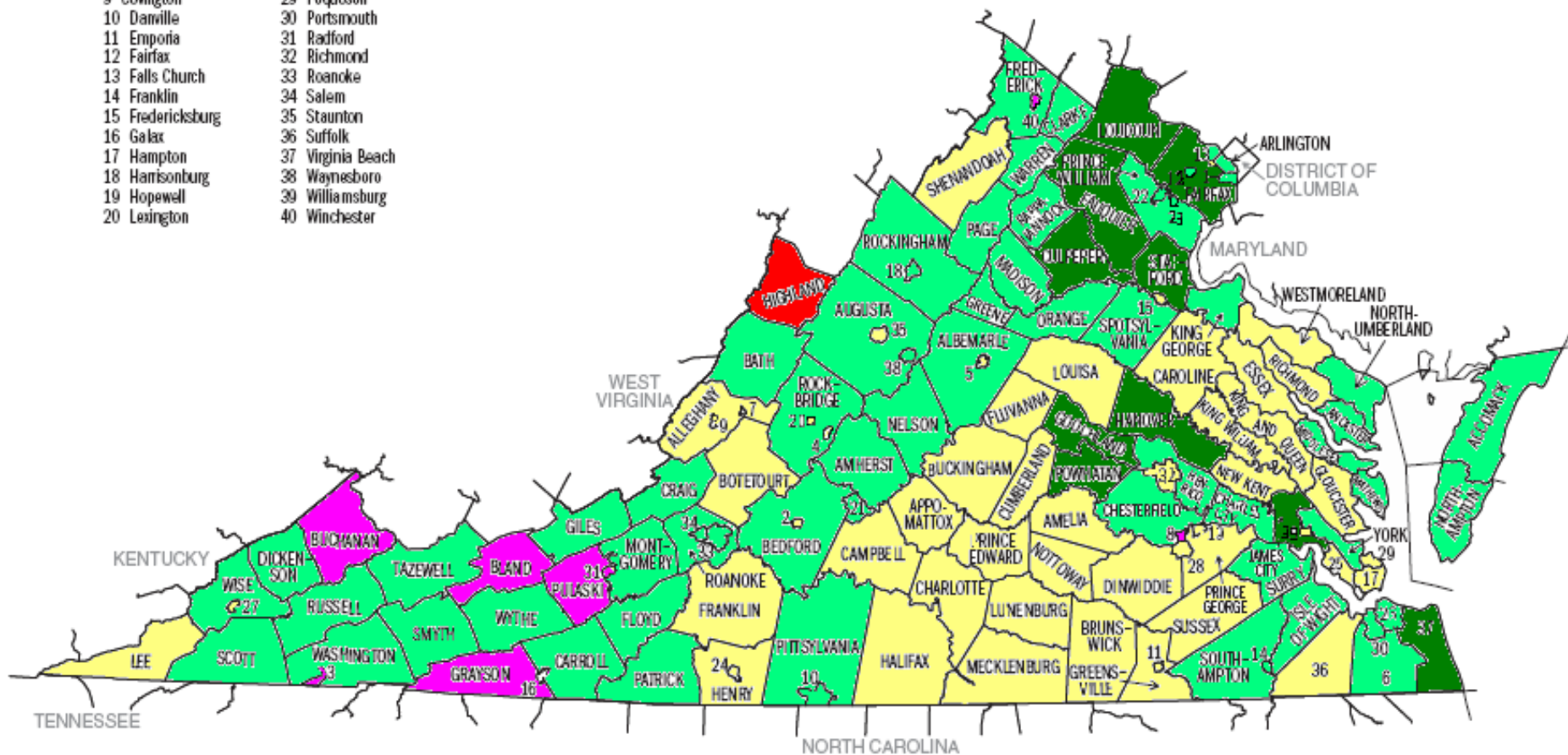
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| 15 Fredericksburg | 35 Staunton |
| 16 Galax | 36 Suffolk |
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| 19 Hopewell | 39 Williamsburg |
| 20 Lexington | 40 Winchester |



2009 QSO Contact Analysis

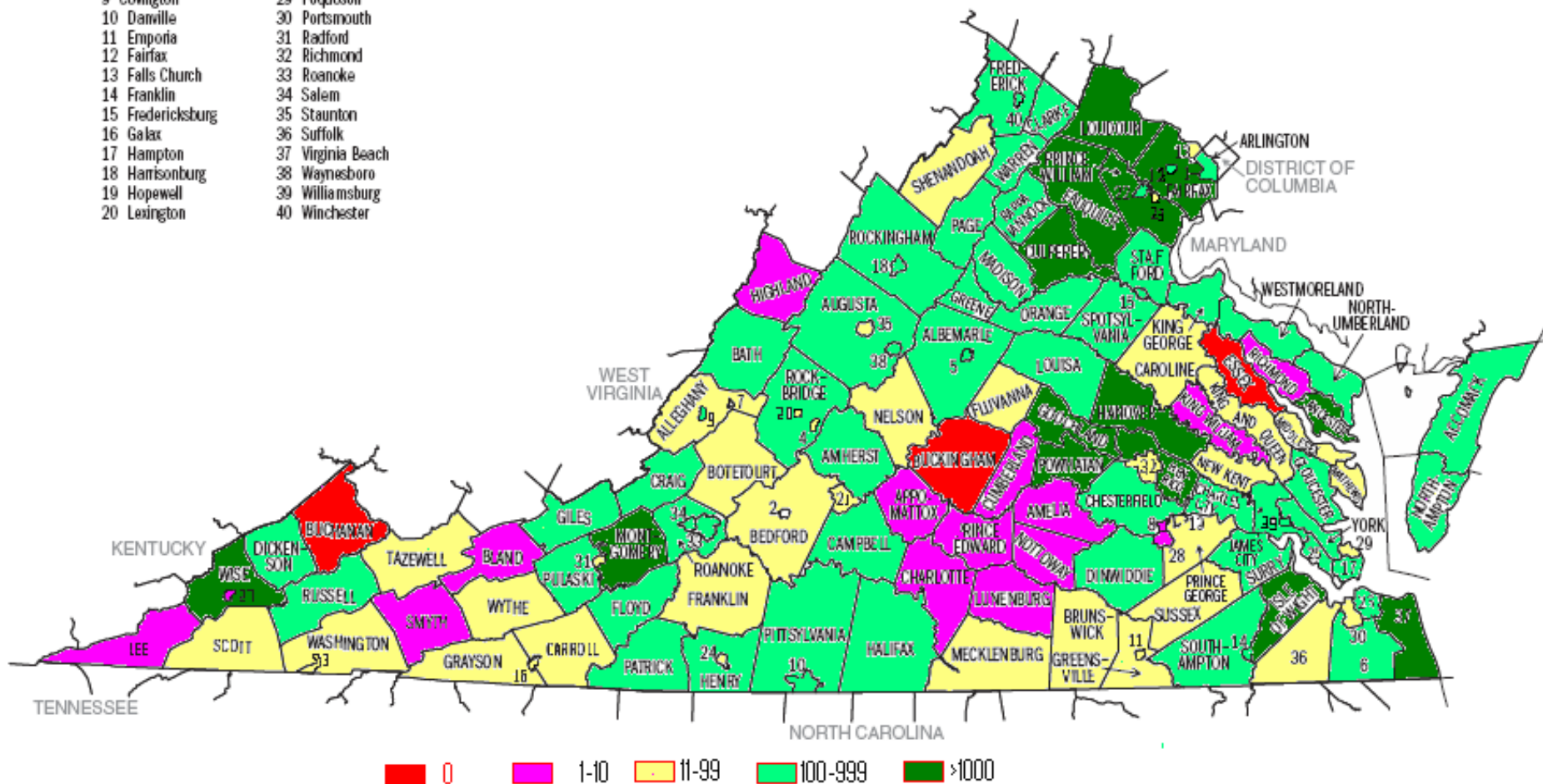


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| 19 Hopewell | 39 Williamsburg |
| 20 Lexington | 40 Winchester |



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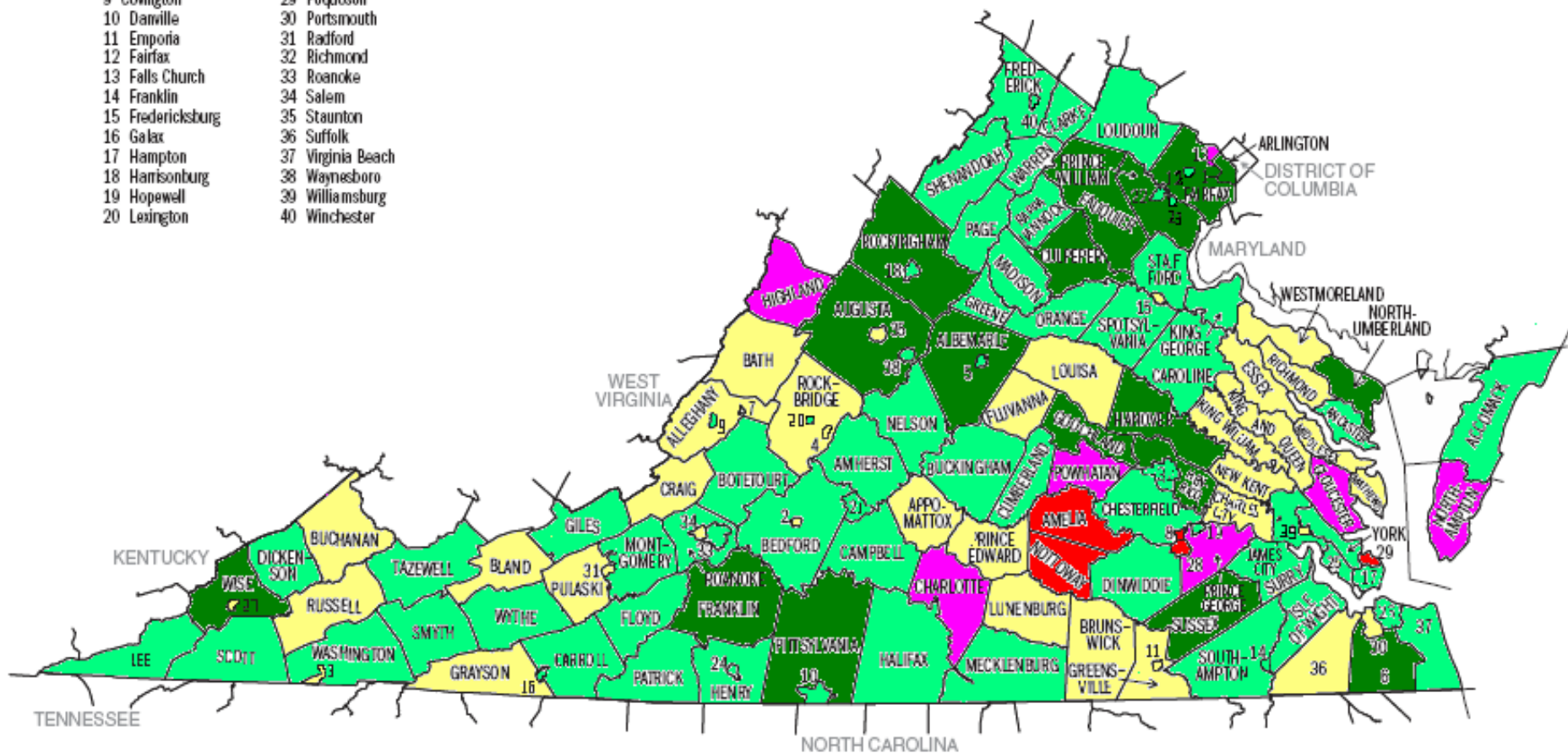
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2011 QSO Contact Analysis

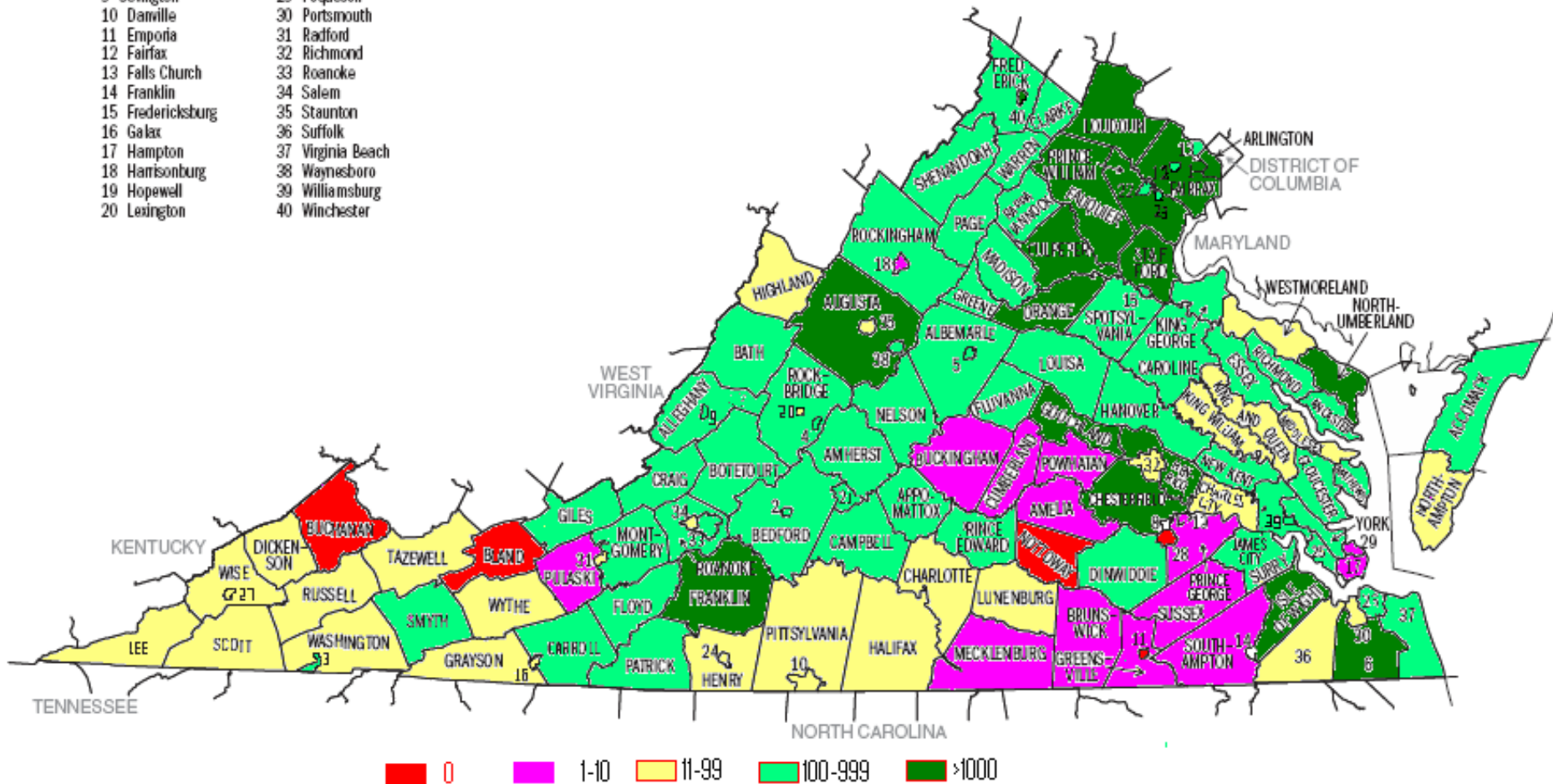


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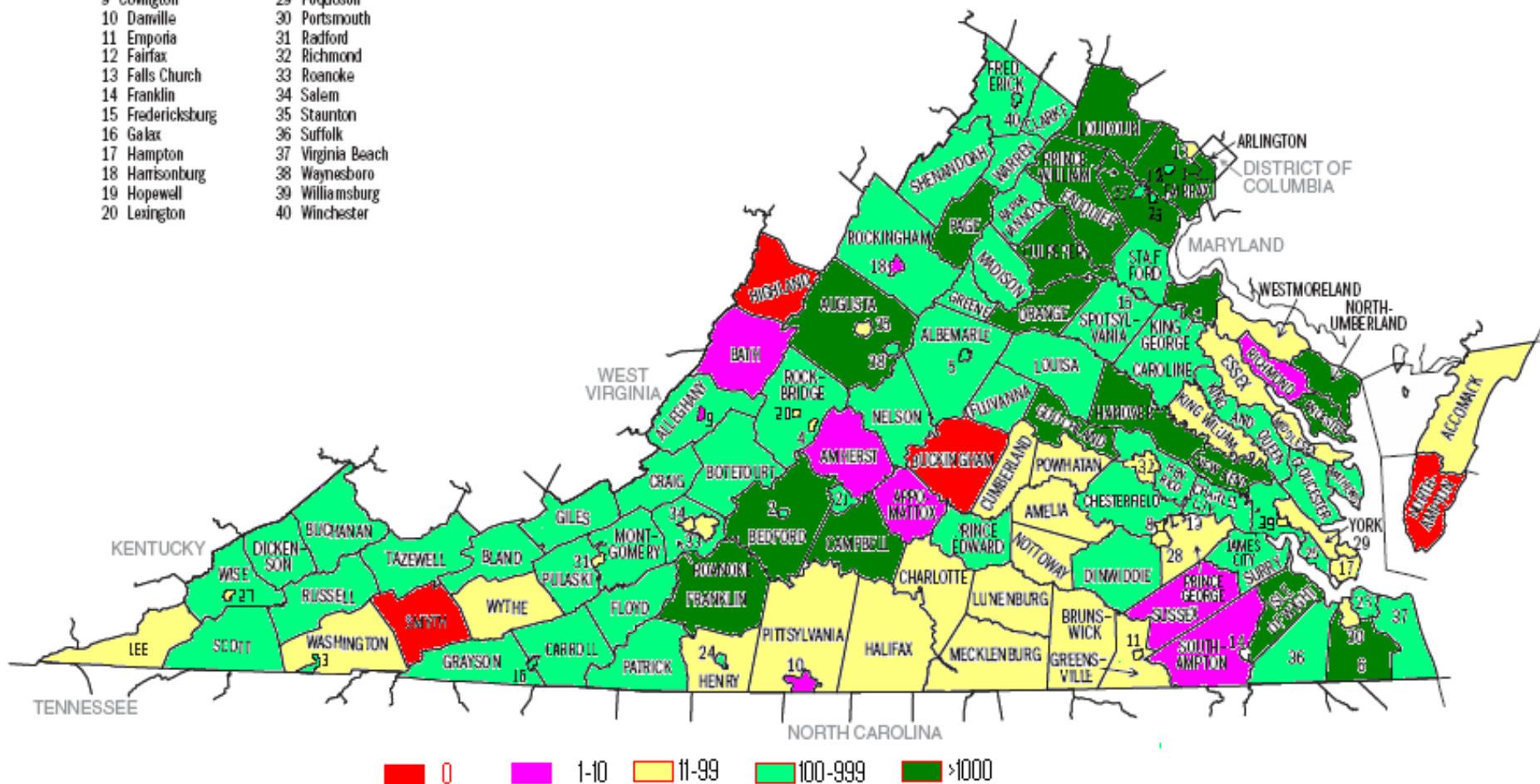


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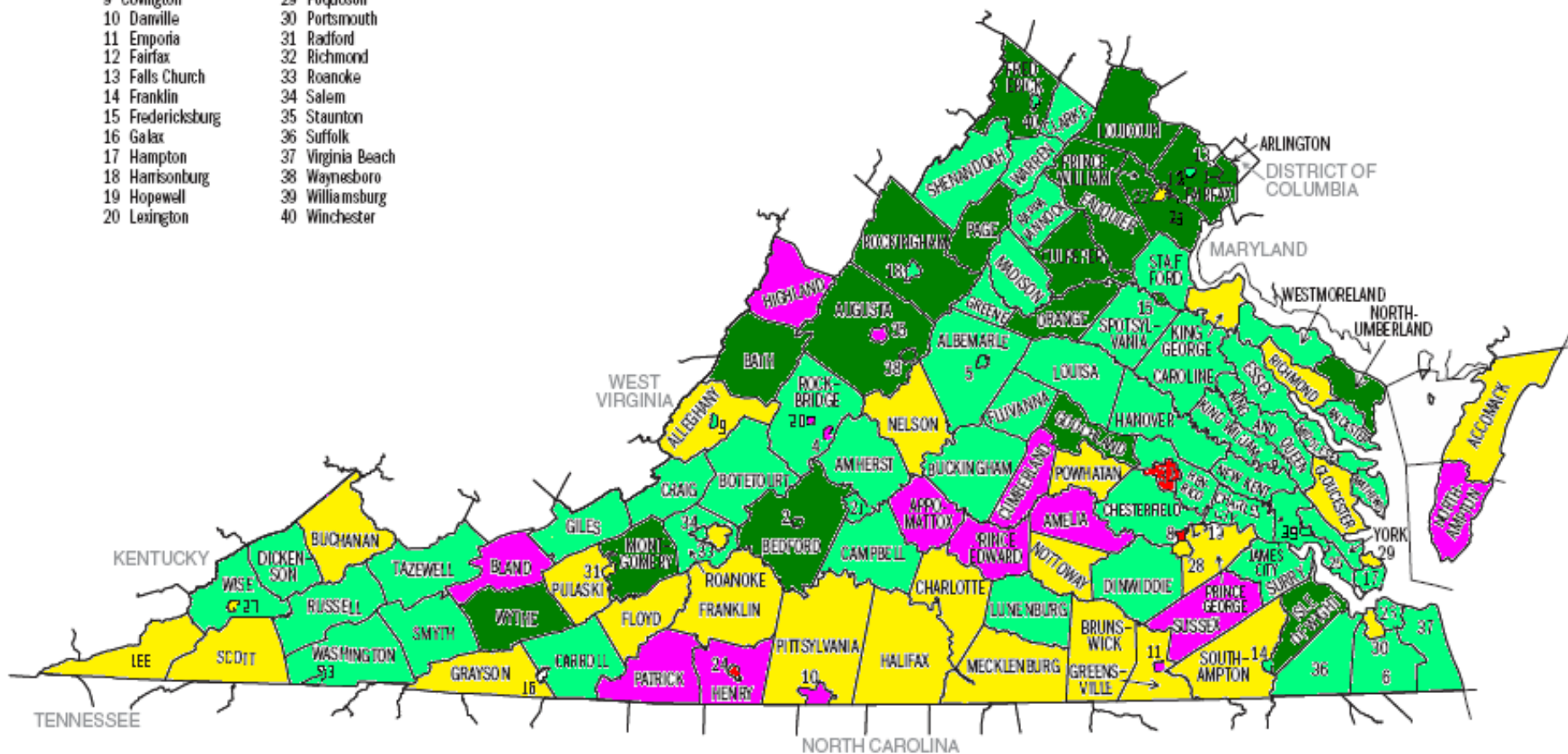
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2014 QSO Contact Analysis

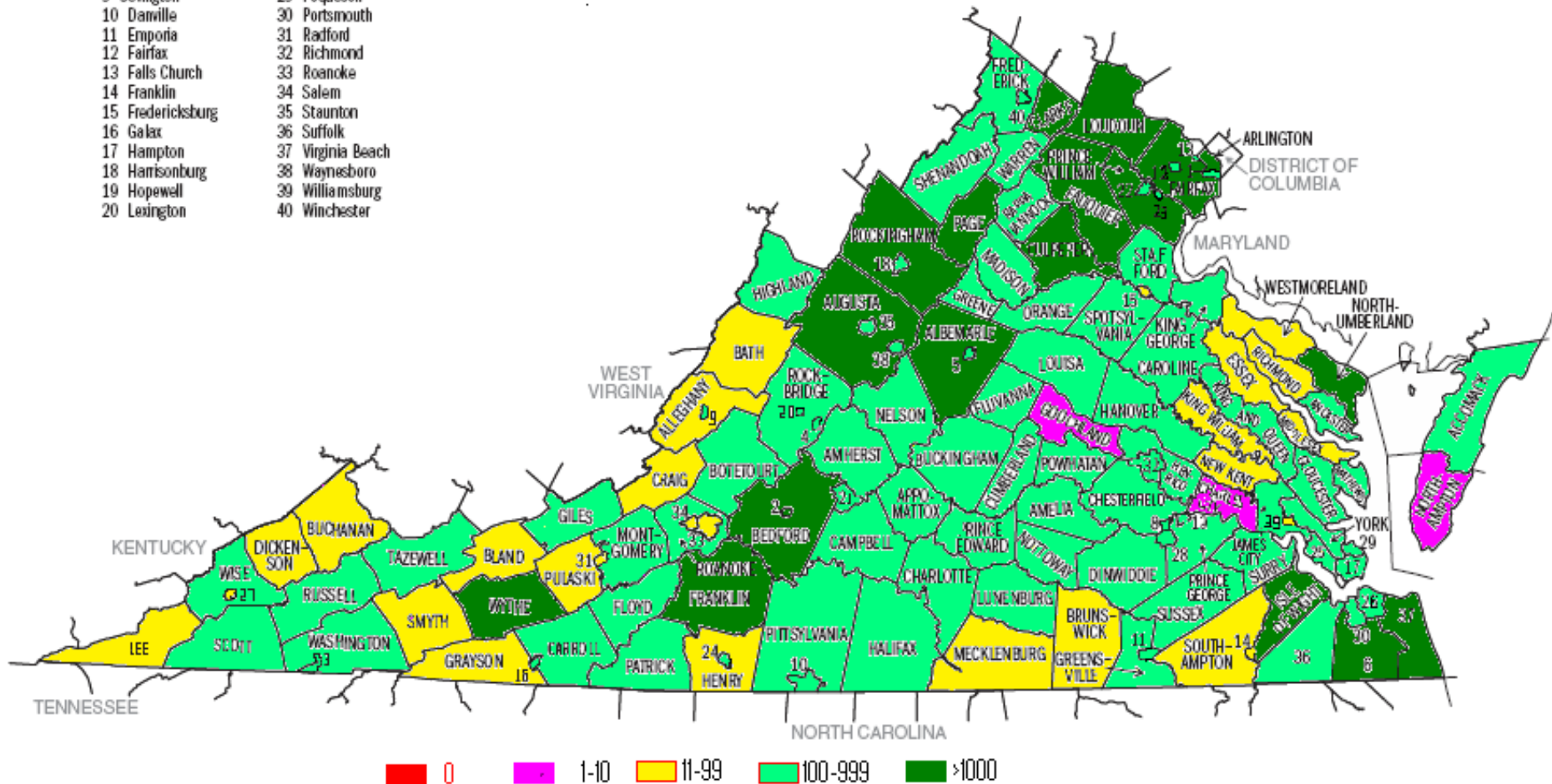


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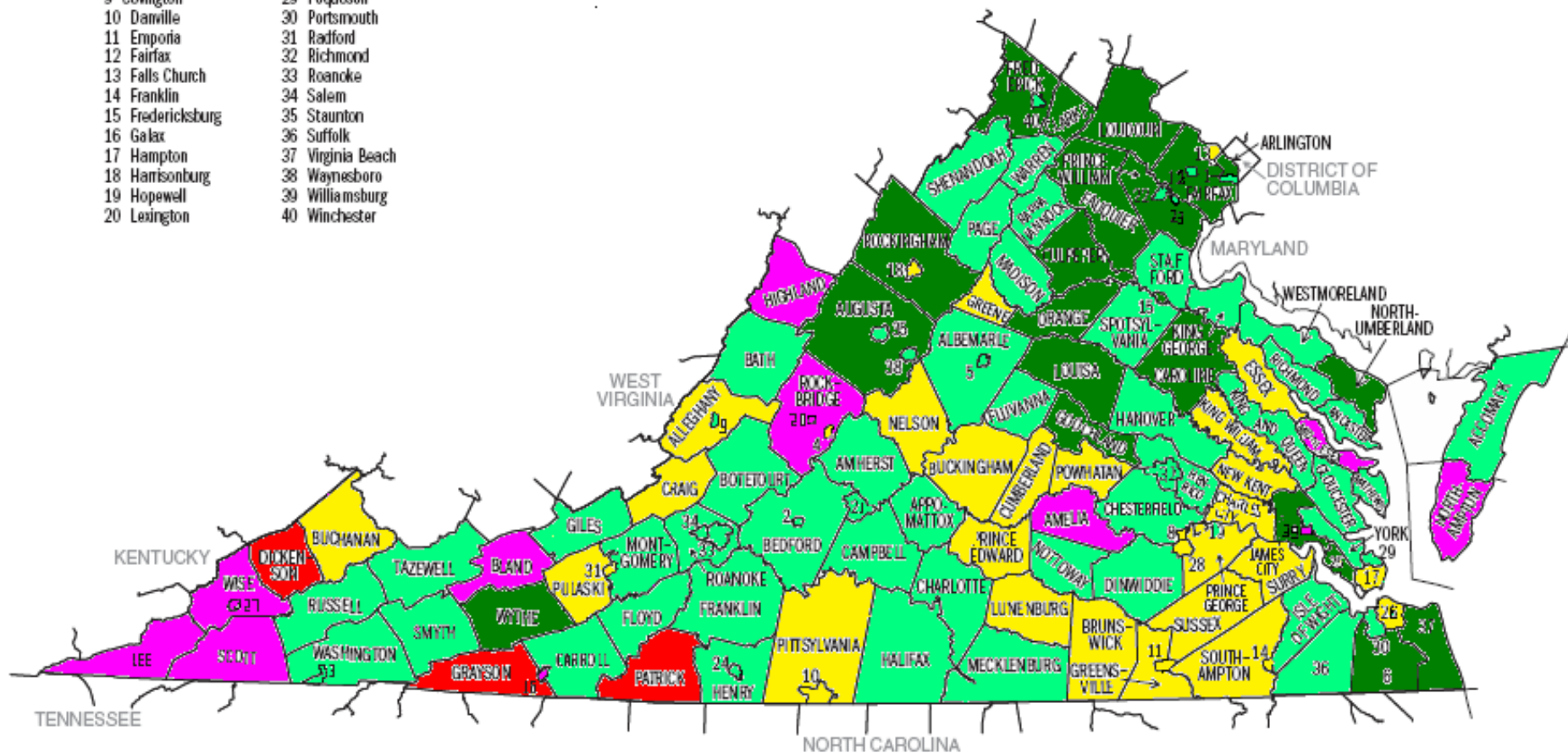
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2016 QSO Contact Analysis

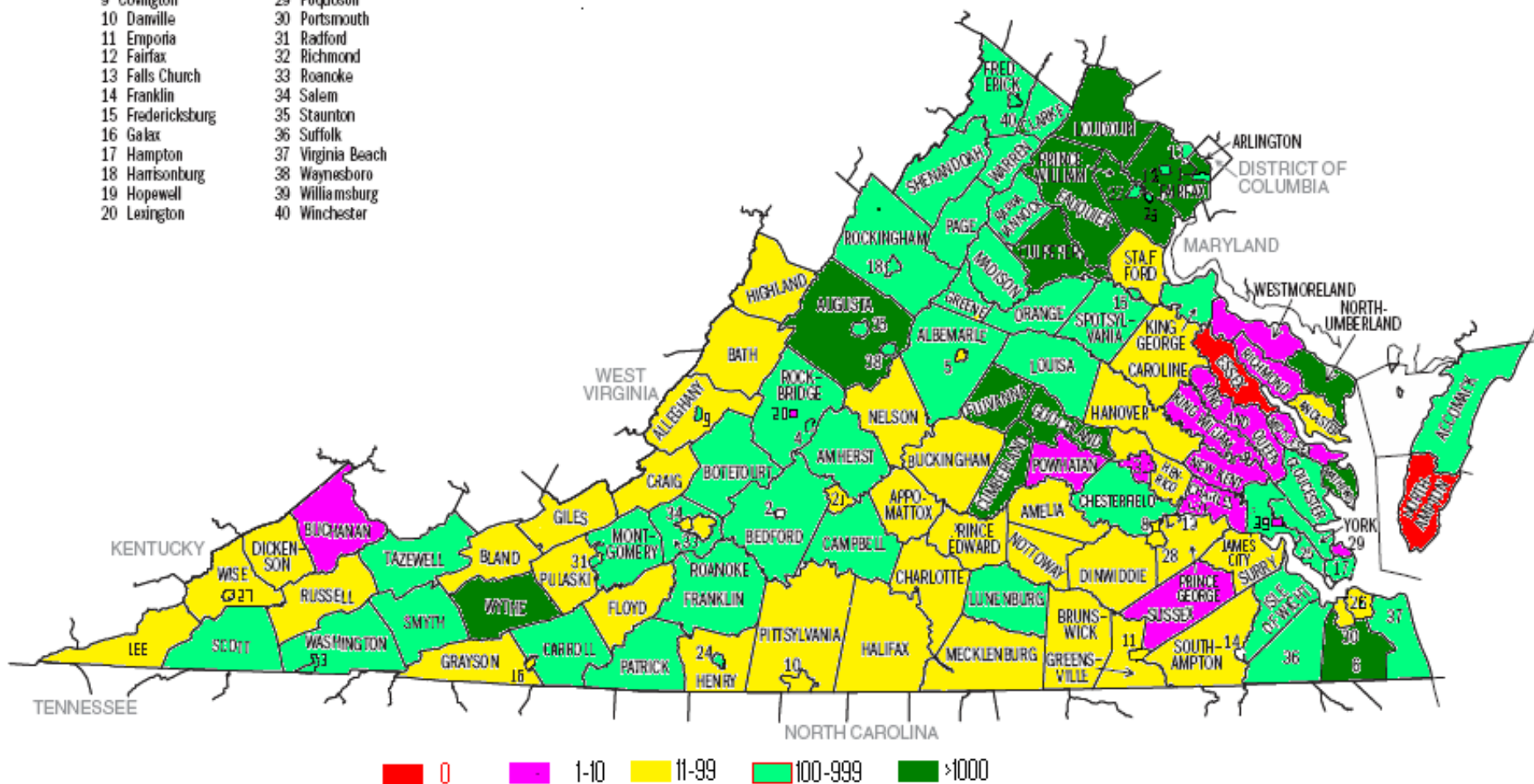


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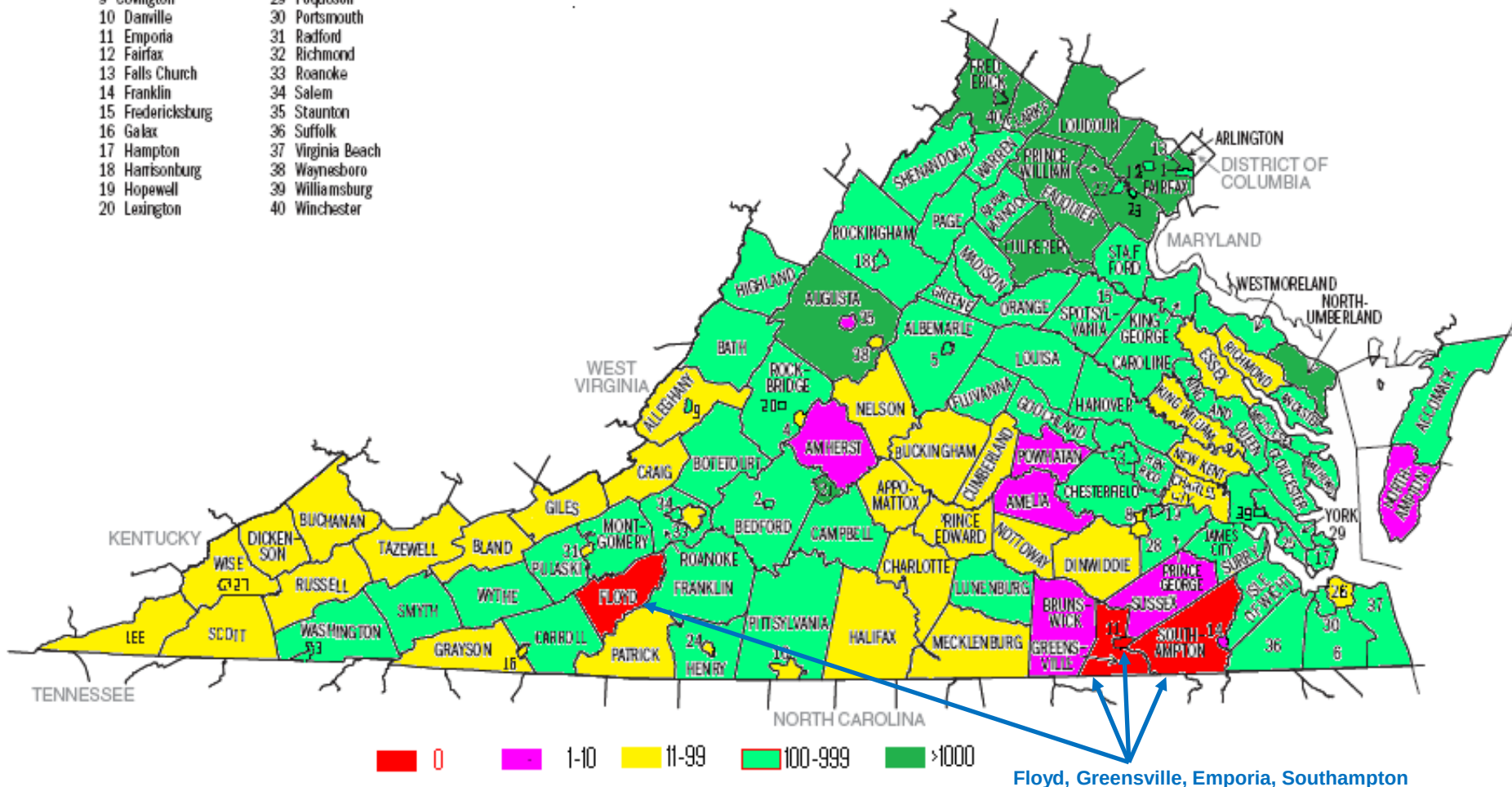
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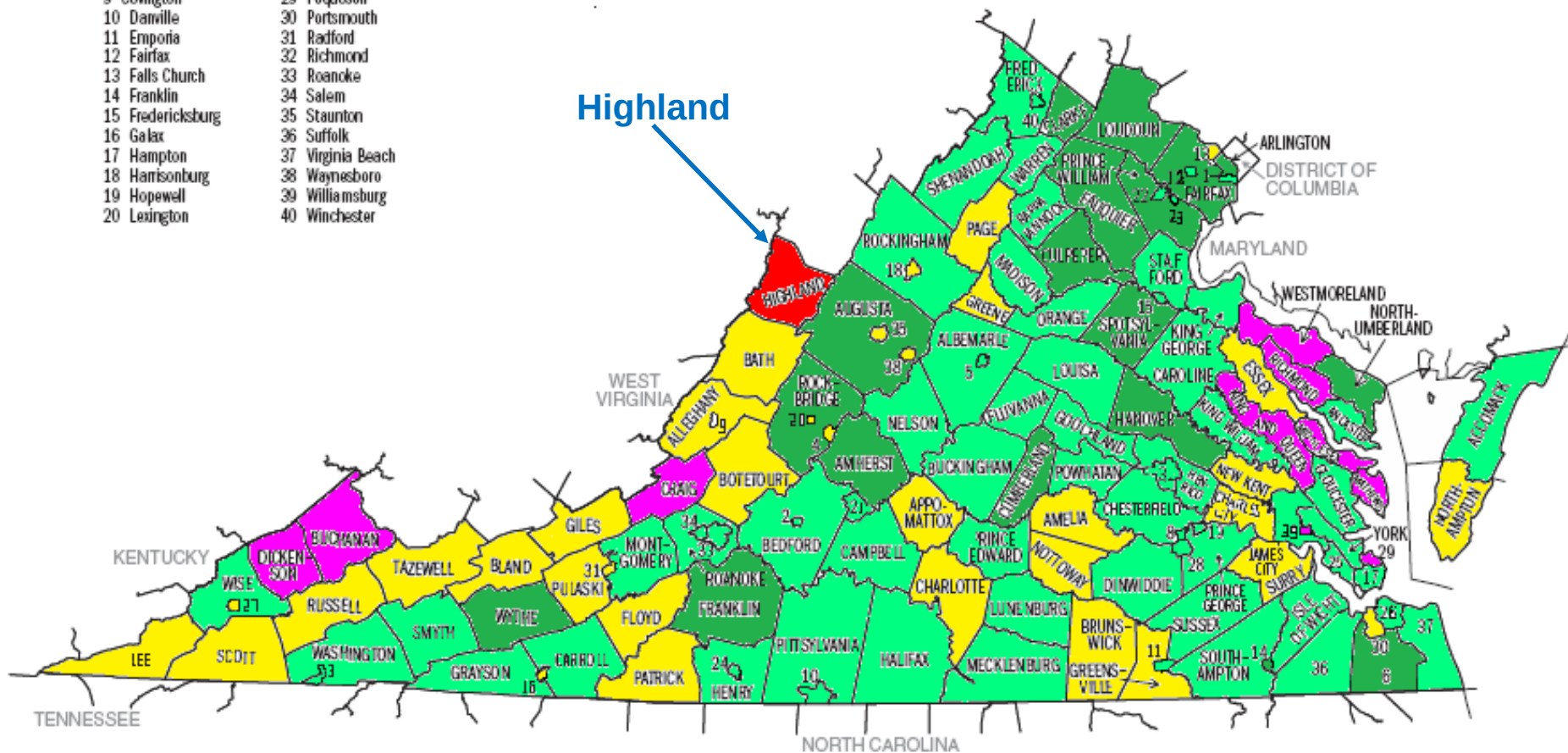


2019 QSO Contact Analysis



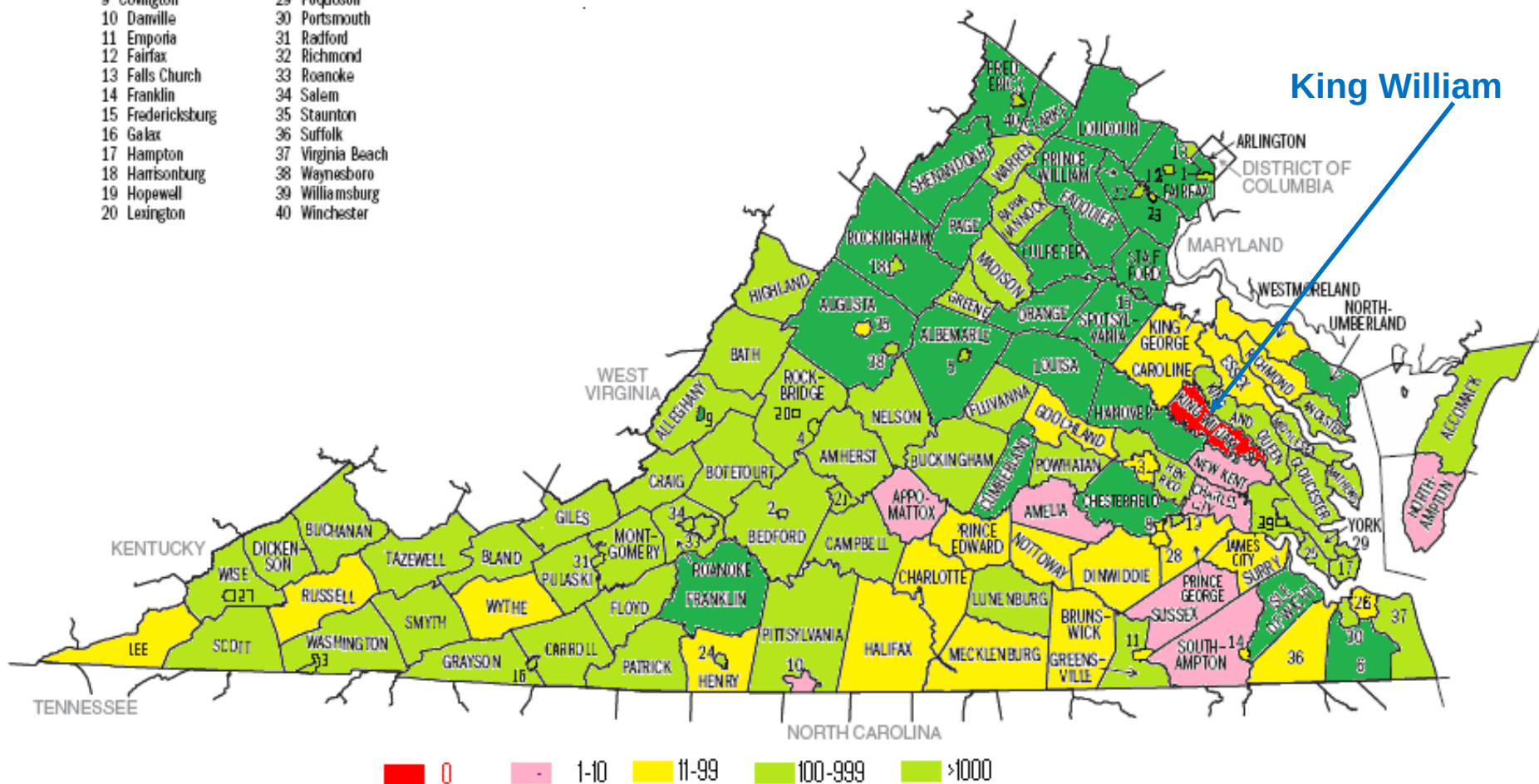
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Highland



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2020 High Club - Combined Score

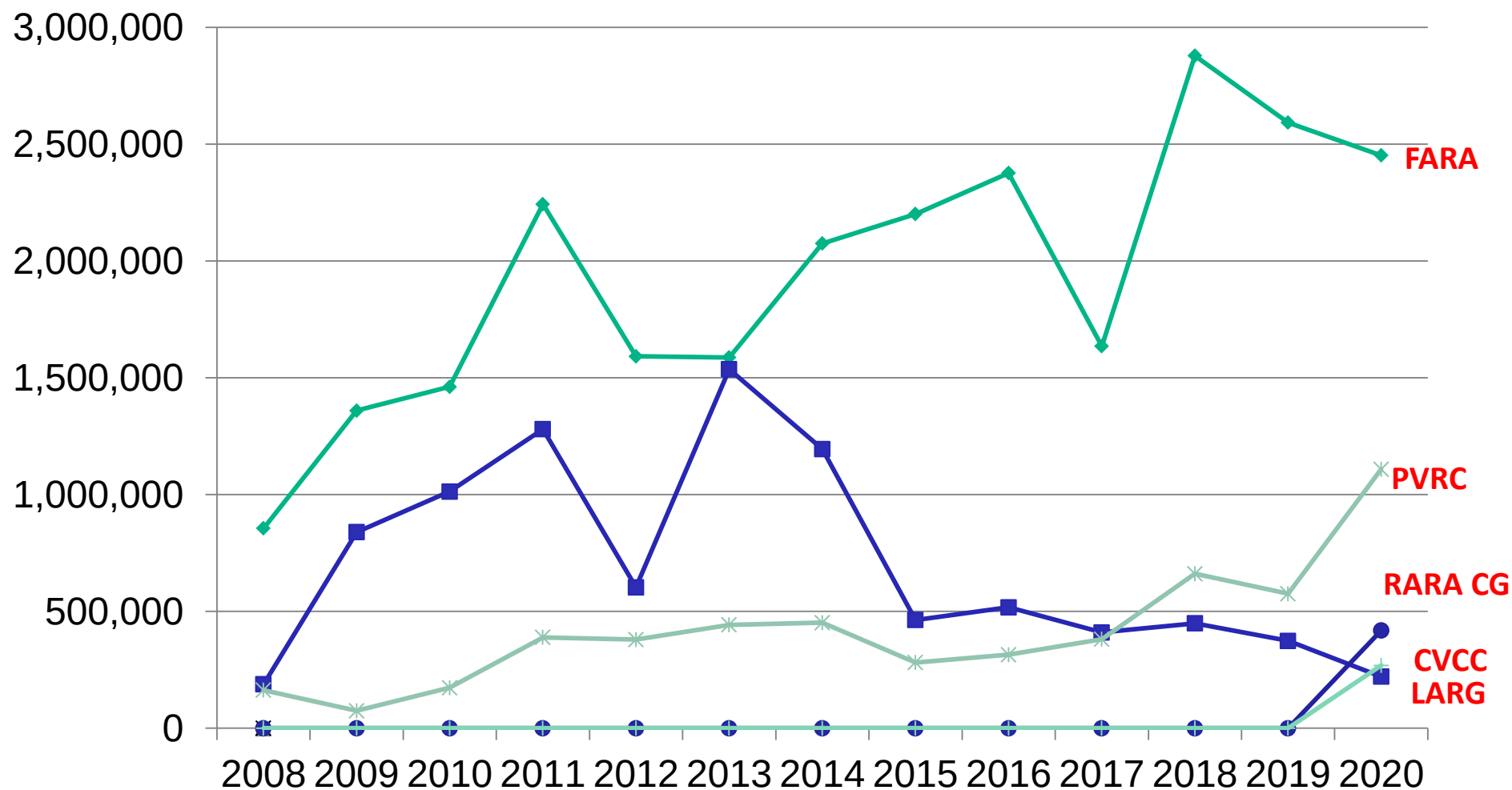


Fauquier ARA	2,452,534
None Stated	1,484,874
Potomac Valley RC	1,108,784
RARA CG	418,179
Central Valley CC	268,593
Loudoun ARG	221,092
Shenandoah Valley ARC	174,276
Shenandoah Valley Wireless	172,333
Virginia Mountain ARC	118,690
Western Tidewater RA	108,928
Chesapeake ARS	106,667
Alexandria RC	102,409
Yankee Clipper CC	92,629
Heritage Hunt Hams	89,196
BARC	83,256
Sterling Park ARC	82,480
Frankford RC	75,070
Culpeper ARA	65,824
Vienna Wireless Society	58,576
Williamsburg Area ARC	56,652
Ole Virginia Hams	54,446
Roanoke Valley ARC	47,962
Society of Midwest Contesters	47,670
Swamp Fox Contest Club	44,792
Tennessee Contest Group	35,757
Minnesota Wireless Assn	33,149
Mad River RC	32,266

Mad River RC	32,266
Niagara Frontier RadioSport	24,336
Florida Contest Group	23,671
Woodbridge Wireless	23,558
Radio Amateurs of Northern Vermont	22,332
Hudson Valley Contesters & DX	22,095
SCARC	21,204
Middle Peninsula ARC	19,594
Contest Club Ontario	19,377
K4AMG Memorial RC	15,912
Rappahannock Valley ARC	13,036
Deep Dixie Contest Club - Team Magnolia	12,267
Blacksburg Amateur Radio Society	11,300
599 DX Association	10,388
Slovak Contest Group	10,192
CTRI Contest Group	9,702
Kentucky Contest Group	9,596
Arlington ARC	9,213
Albemarle ARC	8,448
Orange Park ARC	7,497
South East Contest Club	7,464
Georgia Contest Group	6,768
Alabama Contest Group	6,558
ARPSC	6,405
SCARS	6,371
New Providence ARC	5,500
Metro DX Club	4,068

Randolph ARC	4,050
Blue Springs ARC	3,844
Great South Bay ARC	3,683
Mifflin County Contesters	3,309
Bavarian Contest Club	3,090
West Allis Radio Amateur Club	3,003
Westmoreland ARC	2,824
Central Oregon DXC	2,821
Louisiana CC	2,666
Dayton ARA	2,560
Kansas City CC	2,394
Utica Shelby Emergency Communication Association	2,320
Columbus ARC	2,312
Fort Smith Area ARC	1,716
DFW Contest Group	1,337
Bloomington ARC	1,196
Big Sky Contesters	1,056
CWops Tennessee Contest Group	1,008
Willamette Valley DX Club	984
North Fulton ARL	809
Albuquerque DX Assn	779
Carolina DXA	680
SECC	621
Northern California CC	605
Contoocook Valley RC	567
Grand Mesa CC	560
North Coast Contesters	560

High Club - Combined Score



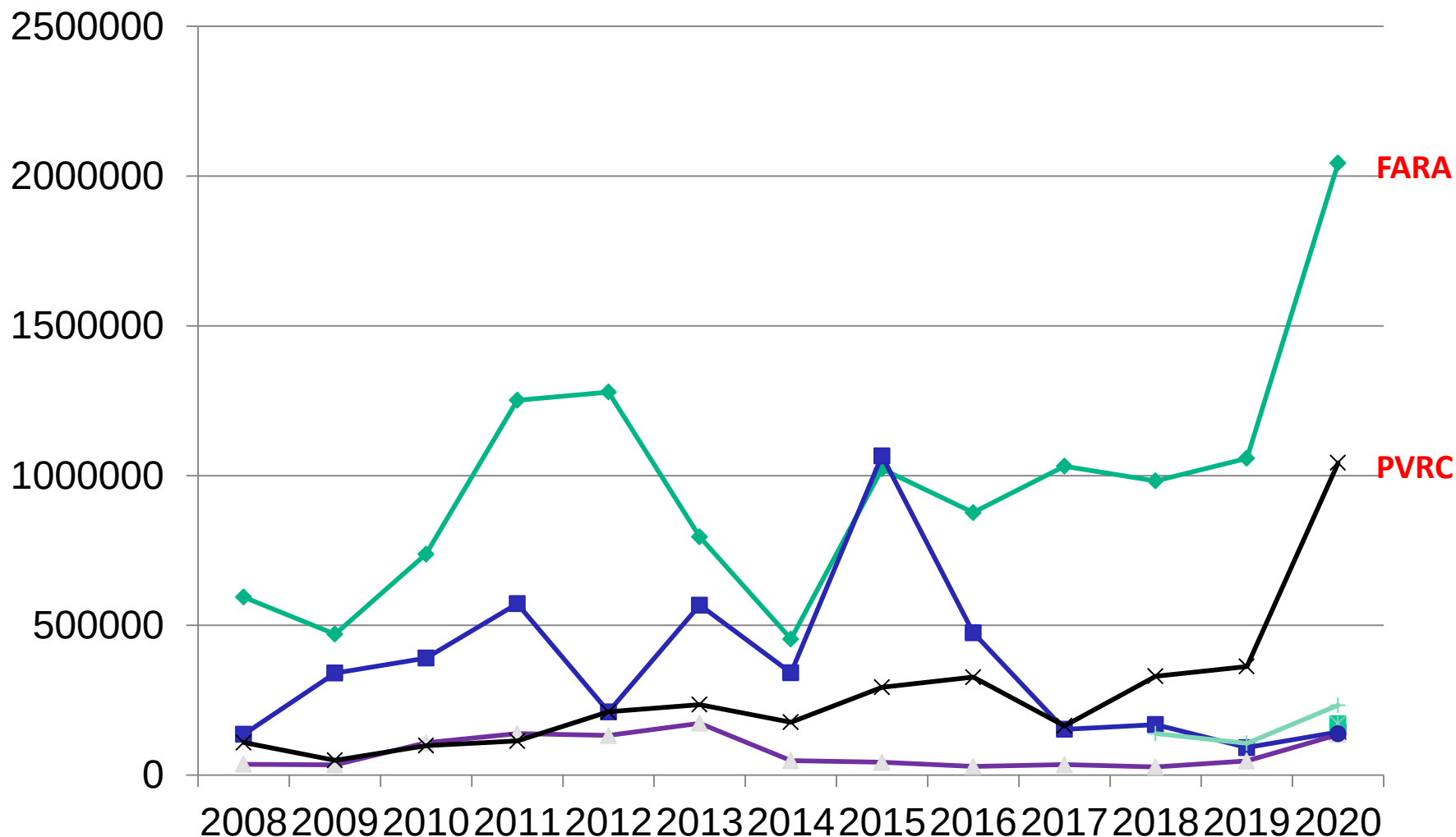
Log Counts by Club (4 or more logs)



PVRC is
catching up.

Club	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
None Given	108	123	126	122	128	118	133	135	126	150	206
Fauquier ARA	35	32	27	28	29	30	30	42	45	36	53
Potomac Valley Radio Club	7	8	13	14	18	16	23	20	20	29	47
Shenandoah Valley ARC	4	6	14	12	14	7	12	16	18	20	19
Ole Virginia Hams	5	4	6	12	11	12	11	15	11	12	14
Society of Midwest Contesters	2		2	2	4	2	2	7	6	6	14
Alexandria Radio Club	5	6	13	9	7	8	7	5	5	10	10
Sterling Park ARC	15	11	12	15	7	7	10	10	6	8	10
Florida Contest Group		3	5	2	2	1	1	2		9	9
Heritage Hunt Hams										7	9
Minnesota Wireless Assn									2	4	9
RARA Contest Group	3	5	7	18	16	14	17	5	8	7	9
Chesapeake ARS Inc., W4CAR	10	6	8	6	9	9	11	6	2	6	8
Yankee Clipper Contest Club	2		3	3	3	3	4	2	7	7	8
Loudoun ARG	24	25	17	28	25	19	20	13	18	11	7
Ontario Contest Group							5	3	2	4	7
Shenandoah Valley Wireless					6	3	7	13	7	7	7
Tennessee Contest Group	5	4	4	2	3	8	6	4	4	8	7
Frankford Radio Club	4	3	6	4	5	3	4	5	5	8	6
Virginia Mountain ARC				2	2	2	5	2	4	4	6
Arlington ARC	4	5	3	5	9	8	9	8	6	7	5
Central Virginia Contest Club	10	11	10	4	3	2	2	1	4	4	5
Roanoke Valley ARC	11	9	10	4	5	6	5	2	5	10	5
Vienna Wireless Society	3	9	7	5	7	2	3	1	2	11	5
Western Tidewater Radio Assoc	7	12	7	9	6	7	2	3	4	4	5
Woodbridge Wireless Inc						6	3	4	3	3	5
DFW Contest Group					2	2	1	1		3	4
Mad River RC					2	1	1	2	6	2	4
Northern California CC										2	4
South East Contest Club	2		2	2	3		1	4	6	3	4

High Club – VA QSOs Only



High Club – VA QSOs Only



C/IC	No. of C/IC	QSO Points	Score
None Stated	129	18359	2368311
FARA	119	17172	2043468
PVRC	122	8547	1042734
Shenandoah Valley ARC	108	2159	233172
Yankee Clipper CC	108	1713	185,004
RARA CG	108	1588	171504
LARG	99	1454	143946
Heritage Hunt Hams	95	1454	138130
VMARC	101	1354	136,754
SPARC	98	1381	135,338
Frankford RC	105	1168	122,640
SMC	86	1384	119024
Western Tidewater RA	101	1130	114130
OVH	94	1196	112424
Chesapeake ARS	89	1248	111072
Shenandoah Valley Wireless	93	1066	99138
CVCC	89	1064	94696
Swamp Fox Contest Club	96	864	82944
Tennessee Contest Group	79	922	72,838
Minnesota Wireless Assn	68	955	64940
Roanoke Valley ARC	86	695	59770
Alexandria ARC	89	604	53,756
Mad River RC	78	669	52182
Florida Contest Group	75	671	50,325
BARC	79	534	42186
CARA	84	454	38,136

C/IC	No. of C/IC	QSO Points	Score
NFRS	74	502	37148
Contest Club Ontario	64	545	34880
VWS	65	498	32370
HUDSON VALLEY CONTESTERS	77	413	31801
Radio Amateurs of Northern V	69	404	27876
SCARC	76	357	27132
Williamsburg Area ARC	80	338	27040
Alexandria RC	52	471	24,492
South East Contest Club	59	301	17,759
Kentucky Contest Group	65	273	17745
Woodbridge Wireless	51	328	16728
SCARS	57	292	16,644
Arlington ARC	53	278	14734
Slovak Contest Group	49	258	12642
DEEP DIXIE CONTEST CLUB-TE	47	263	12,361
RVARC	54	220	11880
Albemarle ARC	59	198	11682
New Providence ARC	47	227	10669
CTRI Contest Group	48	200	9600
Blacksburg Amateur Radio Soc	39	237	9,243
MPARC	47	188	8836
ARPSC	52	168	8736
Orange Park ARC	51	166	8466
Georgia Contest Group	47	178	8,366
GSBARC	47	171	8,037
Alabama Contest Group	40	198	7920
Mifflin County Contesters	43	175	7525
RARC	50	141	7050
Metro DX Club	40	159	6360

Plaque Recipients by Club

Club	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Alabama Contest Club		1													
Alamance ARC	1		1	1	1	2	1	4	1	1		1	1		
Alexandria Contest Club		1		1											1
AMRAD									1						
Arlington ARC			1												
CVCC	3	3	4	3	4	2	1	1			1				1
Fauquier ARA	4	5	3	4	7	7	9	5	7	7	9	9	10	10	12
Fluvanna County ARES									2						
Franklin County ARC	1	1	1	1	2	1		1		1	1				
Gloucester County ARC									1						
Loudoun ARG	1		1		1	2	2	3	4	3	4	1	1	1	
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	4	5	5	7	3
Not Awarded			2								1			1	
Ontario Contest Club	2	2													
Olde Virginia Hams												1		1	
PVRC	2	3	1							1		2	3		4
RARA Contest Group									3	1			1		
Roanoke Valley ARC								1	1		1				
Rappackers Contest Group			2	3											
Rockbridge ARC					1										
Shenandoah Valley ARC								1				1	1		3
Shenandoah Valley Wireless													3	2	
South East Contest Club	1		2					1							
Sterling Park ARC					1			1				1			1
Tennessee Contest Group				3											
VA DX Century Club	1														
Vienna Wireless Society														2	
Western Tidewater Radio Assoc					2	1	1	1		1/2					
Williamsburg Area ARC				1						1					
The Ferguson ARC										1					
Swamp Fox Contest Club										1					
Chesapeake ARS										2-1/2		1		1	
Kentucky CG											1				
Rappahannock Valley ARC											1				
SK4DM											1				
Swamp Fox CG											1	1	1	1	
Yankee Clipper CC											2	3			1



All Time High Scores

(after 2020 VQP)



5 x New High Scores

Category	Call Sign	Score	Year	Call	2020 Score
High VA Single OP High Power	N4BAA	387,466	2006	W4GO/M	297,639
High VA Single OP Low Power	KW4VA	389,658	2011	K1HTV	305,435
High Single OP Novice/Technician/Rookie	KM4IML	74,876	2015	K3FRG/M	18,610
High Outside VA Single OP	K1RO	124,950	2017	K1RO	65,000
High Outside VA Phone/Mixed QRP	WB2P	27,191	2014	WS2E	21,204
High VA Single-Op Phone/Mixed QRP	WA4PGM	87,440	2003	N4RP	51,405
High Single OP VHF	KK4IML	74,876	2015	K3FRG/M	18,610
High VA Club - Combined Score	FARA	2,878,846	2018	FARA	2,452,534
High VA Mobile Multiple Operator	WA4PGM	214,000	2008	NB3A/M	68,780
High VA Mobile Single Operator	W4GO/M	215,570	2019	W4GO/M	297,639
High Single OP CW High Power	K0ZR	293,189	2014	W4PM	120,420
High Single OP CW Low Power	N3UA	192,572	2011	K4ORD	76,760
High Fixed Multiple Op / Single Transmitter	N4A	352,226	2008	N4HB	288,982
High Fixed Multiple Op / Multiple Transmitter	KW4VA	1,193,975	2019	KW4VA	815,538
High Single Band	KJ4ADN/M	164,810	2013	K4IA	136,360
High SO VA Counties/Independent Cities	K1RO	119	2017	W3LL	111
High DX Station	OM2VL	6,942	2019	OM2VL	10,192
High Single Op Digital Mode	K3VAT	49,440	2018	K3VAT	4,158
High VA Single OP Phone Only High Power	AI2C	288,552	2013	W4GO/M	297,639
High VA Single OP Phone Only Low Power	KJ4ADN/M	164,810	2013	WB4MJF	88,020
High Expedition	AI4SV	144,870	2019	K2WPM/4	17,900
High VA Club – VA QSOs Only	FARA	1,279,016	2012	FARA	2,368,311
High VA QRP CW	K4ORD	45,044	2008	WR4I	18,300
High Outside-VA QRP CW	W8TM	21,482	2008	W8ANT	7,245
High Single Operator - Youth	KJ4EZA@N2VA	133,180	2016	KN4CHI	16,000
High Single Operator – VA QSOs Only	W4GO/M	215,570	2019	W4GO/M	297,639
High Single Operator Young Adult	KK4BSM	45,475	2017	N/A	N/A

Multiple
Plaques

W4GO/M
X 4
(up from 3
last year)

K3FRG/M
X 2

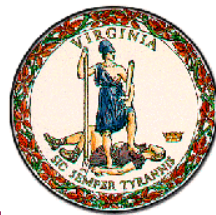


Virginia QSO Party

Certificates



Certificate Themes



- 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



2004 Virginia QSO Party



State Boat
Chesapeake Bay Deadrise

*The Sterling Park Amateur Radio Club
congratulates*



State Fossil
Chesapeake jeffersonius

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

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Staunton
Charlottesville



2005 Virginia QSO Party



Floral Emblem
Dogwood



State Bird
Cardinal

*The Sterling Park Amateur Radio Club
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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
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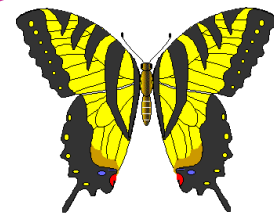
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Harrisonburg



2007 Virginia QSO Party



State Fish
Brook Trout
(adopted in 1993)



State Insect
Tiger Swallowtail Butterfly
(adopted in 1991)

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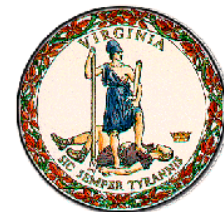
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2008 Virginia QSO Party



Chincoteague Pony



Smithfield Ham

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2009 Virginia QSO Party



Virginia Peanut



Hanover Tomato

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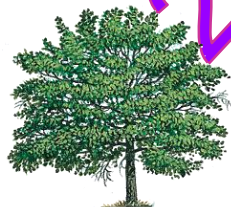
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2010 Virginia QSO Party



State Tree
Flowering Dogwood

*The Sterling Park Amateur Radio Club
congratulates*



State Shell
Crassostrea virginica

*for promoting amateur radio activity
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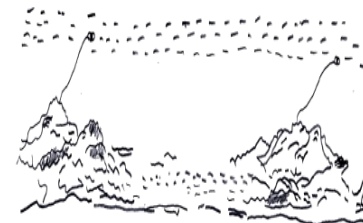


Mahlon Loomis
(1826-1886)

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.

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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.

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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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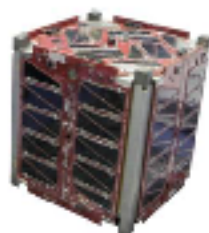
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2014 Virginia QSO Party



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)

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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

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

Independent Cities

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



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
in Virginia's 95 Counties and 38 Independent Cities through
enthusiastic participation in this annual event.*

Accomack
Albemarle
Alleghany
Amelia

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

Counties

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



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
in Virginia's 95 Counties and 38 Independent Cities through
enthusiastic participation in this annual event.*

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Alleghany
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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
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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
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Petersburg

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Salem
Staunton
Suffolk
Virginia Beach
Waynesboro
Williamsburg
Winchester



2018 Virginia QSO Party



*The
Sterling Park Amateur Radio Club
thanks*

Thanks to Fauquier Amateur Radio Association
for designing the 2018 certificate.

*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*

Thanks to Vienna Wireless Society
for designing the 2019 certificate.

*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 to Alexandria Radio Club
for designing the 2020 certificate.

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
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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.*





2021 Virginia QSO Party



Sterling Park Amateur Radio Club

Thanks to Loudoun Amateur Radio Group
for designing the 2021 certificate.

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.*

Loudoun Amateur Radio Group



Field
Day

ARISS Contact



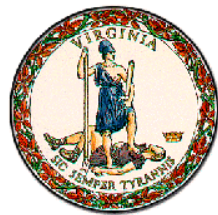
Holiday Party

How are we doing?

Increase in No. Logs	State	Logs Red'c 2019	Logs Rec'd 2020	Rank by Logs	Licensed Ops	Party Date
	CA	897		1	106,978	Oct
46 %	PA	483	708	2	24,171	Oct
36 %	VA	449	613	3	20,343	Mar
	FL	597		4	42,725	Apr
68 %	WA	336	564	5	34,378	Sep
32 %	MI	384	507	6	21,604	Apr
30 %	TX	348	453	7	53,420	Sep
72 %	IL	260	447	8	20,023	Oct
37 %	NC	300	410	9	21,536	Mar
106 %	AZ	178	367	10	21,056	Oct
31 %	SC	242	318	11	9,767	Feb
	OH	317		12	28,074	Aug
	NY			13	27,592	Oct

We do very well!

Updated 4 February 2021



2021 Virginia QSO Party



See you on the air!

73,

Sterling Park Amateur Radio Club

2020 VQP President's Plaque



- New plaque for 2020
- Recognizes hams involved in promoting VQP.
- Awarded to the hams who, in the opinion of the VQP committee,
 - Significantly improves participation in the VQP by hams in low participation counties and independent cities or
 - Other contribution to the VQP.
- Please coordinate your efforts with the VQP committee

Not Awarded