

Virginia QSO Party 2021 Results Briefing

Sterling Park Amateur Radio Club (SPARC)

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

Gordon Miller, NQ4K

5 June 2021

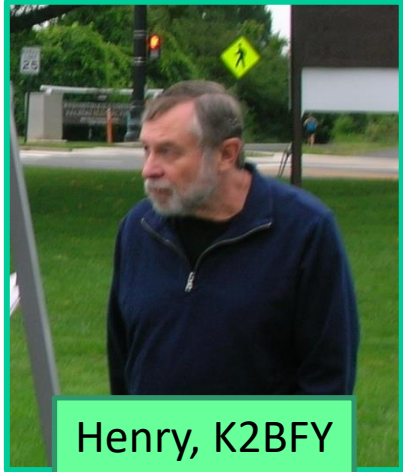


Topics



- Hams who helped and Other Topics
- Meta-Analysis of the 2020 QSO Party
- Certificates
- Plaque Awardees and Sponsors
- All Time High Scores

2021 VQP Committee



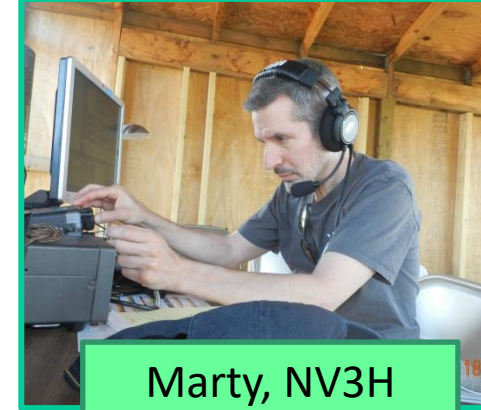
Henry, K2BFY
E-Scoring SW



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

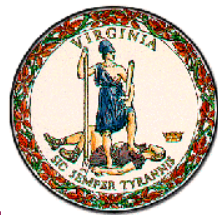
A standalone DX Cluster for use of QSO Parties and Operating Events

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](#)

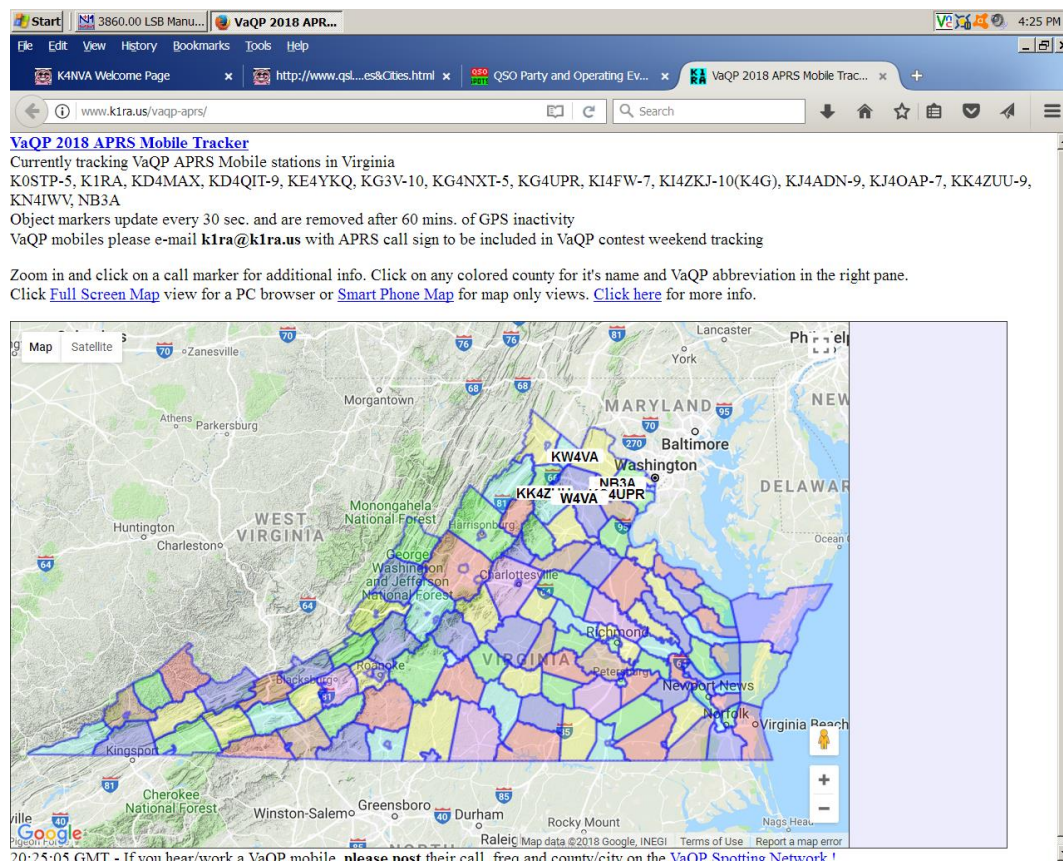
freq	call	time	age	comments	spotter
7225	KW4VA	2017Z	5 min ago	LSB	<AJ4LN>
146520	KN4GDQ/M	2017Z	5 min ago	PRW	<KX4O>
446000	KN4GDQ/M	2016Z	6 min ago	PRW Fresh meat.	<KX4O>
7243	VA3QWW	2014Z	8 min ago	LSB	<AJ4LN>
3805	KE4WLL	2008Z	14 min ago	LSB	<AJ4LN>
3825	K2SDS	2008Z	14 min ago	LSB	<AJ4LN>
3810	NU3K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



APRS packet radio or smart phone
app GPS location (Lat/Lon)
information.
Places call sign markers on VQP
county map

<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

2021 VQP Significant Operations

High Mobile Single Operator



Matt, W4GO, (from his website)

“With 45 counties activated and 1600 QSOs, the W4GO mobile run in this year's VA QSO Party was a success. And now, thanks to your participation ...

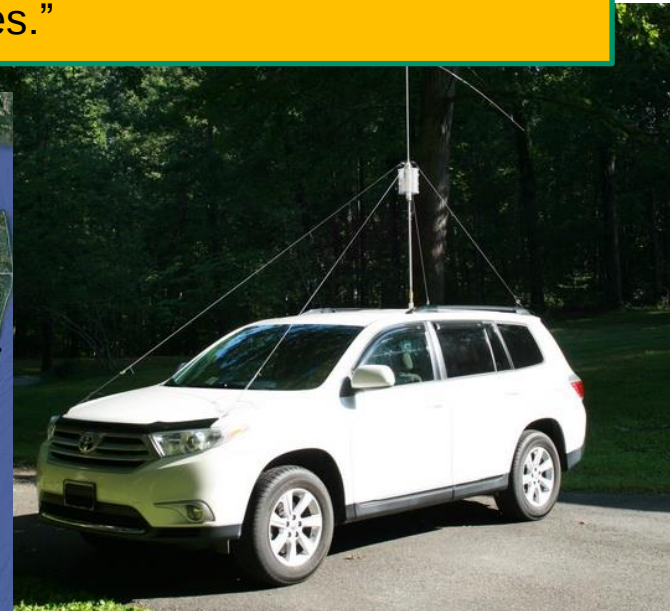
I've hit them all!

Thanks for 6600 QSOs in the last four years. It's been a fun 2200 miles through 133 counties and independent cities.”

W4GO/M in the Virginia QSO Party

Activated All Virginia

2018 2019
2020 2021





2021 VQP Significant Operations

High Mobile Multiple Operator



N4CW

(Bertrnad Michaud, N4CW,
James H Gulvin, W4TMO)

1,148 QSOs

22 C&IC

All QSOs

240,988 pts

VA QSOs Only

4,212 pts

Operated from: 45 C/ICs

Only 7 had less than 10 QSOs

Contacted 74 QTHs

Approx. 1100 Qs were not in VA

All QSOs were CW.

Band	No. QSOs
80M	100
40M	1,011
20M	64

2021 VQP Significant Operations

2nd High Mobile Multiple Operator



NB3A/M

663 QSOs 48 C&IC

All bands 10M – 902MHz

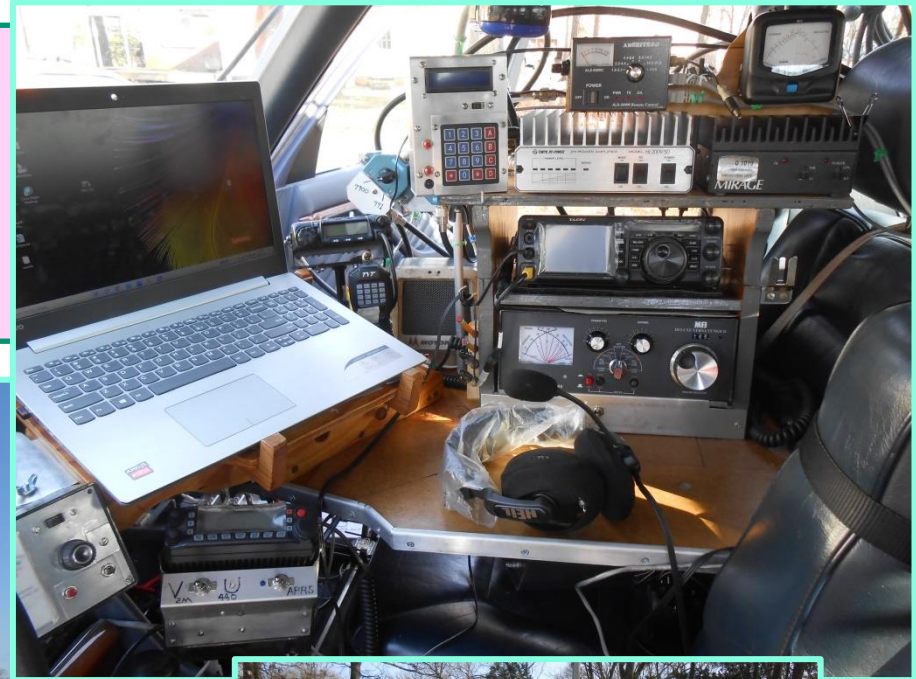


2021 VQP Significant Operations

3rd High Mobile Single Operator



KM4OZH/M
290 QSOs 48 C&IC
primarily 40/80M, some 20M



2021 VQP Significant Operations

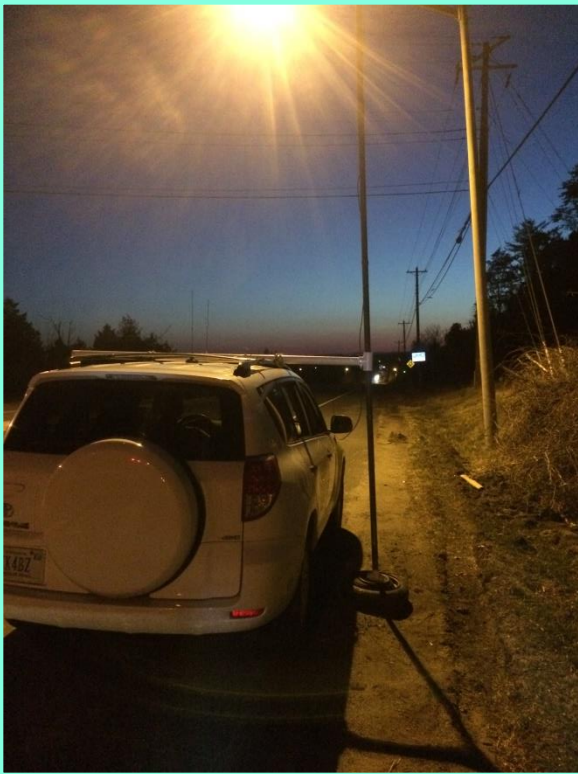
2nd High Expedition Phone



KK4BZ/P

261 QSOs 50 C&IC

primarily 40/80M, some 20M
PRW, FAU, LDN, MPX, FFX, MAX



Icom IC-746
connected to 160m-
6m Wire OCF
Dipole antenna.

TYT TH-9800
connected to a
Diamond X50
vertical antenna.





2021 VQP Significant Operations

2nd High Digital Mode



KJ4OAP/P
27 QSOs 5 C&IC

Calling for the answer of VA's Most Wanted, I wanted to activate one of these even though my home QTH (SAX) wasn't one. So, needed a place to setup and sleep/stay. I combined the contest with my love of camping and sought out a State Park to setup at.

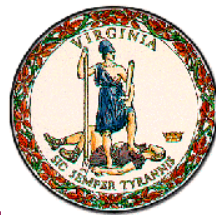
The Staunton River State Park offered an awesome setup. Stuck with making a digital operation effort, though only on BPSK. I'm not a fan of FT8 or other modes without a human in the loop for contesting. These modes are awesome for monitoring and studying the ionosphere. Anyways, back to the regular soapbox...loved the response I got from just operating digital, glad I stuck with it and enjoyed a casual operation this year!

Weather was great for camping out, though I had frost on my tent and tarp covering my gear on Saturday morning. Also super happy my claimed score came out to a common ham radio microwave frequency! (1296)





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).
- Big increase in entries: 449 to 613 to 667 (in 2021)
- Be interesting next year!
 - Covid essentially over
 - State QSO Party Challenge still on

2020 Plaque Competition Counts



Plaque	2017	2018	2019	2020	2021
Single Operator Youth		7	4	1	3
Multiple Operator Multiple Transmitter	6	8	21	4	4
Virginia Single Operator CW QRP	3	14	3	7	4
Virginia Expedition	2	3	7	4	6
Virginia Single Operator Phone/Mixed QRP		13	10	6	6
Outside Virginia Phone/Mixed QRP		12	4	4	7
Single Operator Digital Mode	2	3	0	3	7
Virginia Mobile Multiple Operator	0	4	2	3	9
DX Station		3	2	5	9
Outside Virginia Single Operator CW QRP	3	10	7	8	10
Multiple Operator Single Transmitter	7	11	11	8	13
Single Operator VHF Only		18	15	22	18
Virginia Single Operator Phone High Power		28	18	33	24
Single Operator Novice/Tech/Rookie		22	22	10	30
Virginia Single Operator CW High Power		13	5	9	37
Virginia Mobile Single Operator		35	18	27	48
Virginia Single Operator High Power		79	50	66	48
Virginia Single Operator CW Low Power		47	24	20	95
Virginia Single Operator Phone Low Power		143	128	204	117
Single Band		110	91	163	154
Virginia Single Operator Low Power		266	188	145	225
Outside Virginia Single Operator		167	195	317	358
Single Operator Virginia Counties/Ind Cities Contacted		390	425	601	650
Single Operator Virginia QSOs Only		390	425	601	650
Single Operator Young Adult	1	1	n/a	n/a	n/a

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

Most Wanted Fixed Site / Logs



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

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

QTH	No. logs last 2 yrs	No. logs last 5 yrs
AME	0	0
APP	0	0
BCH	0	0
BLA	0	0
BRU	0	0
BVX	0	0
CHA	0	0
CRA	0	0
DIC	0	0
DIN	0	0
ESS	0	0
FRX	0	0
GAX	0	0
GRA	0	0
HRY	0	0
LEE	0	0
LUN	0	0
MEC	0	0
MID	0	0
MPX	0	0

QTH	No. logs last 2 yrs	No. logs last 5 yrs
NEW	0	0
NHA	0	0
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
CCY	0	1
KWM	0	1
LEX	0	1
MOV	0	1
PRE	0	1
PRG	0	1
RAX	0	1
RIX	0	1
SCO	0	1

QTH	No. logs last 2 yrs	No. logs last 5 yrs
SHA	0	1
TAZ	0	1
CLN	0	2
GOO	0	2
MAD	0	2
RUS	0	2
SMY	0	2
BHM	1	1
COX	1	1
DAX	1	1
HAL	1	1
HIG	1	1
NEL	1	1
PAT	1	1
KQN	1	3
WAX	1	3
CUM	1	4
HBX	1	4
NNX	1	6

2021 Pre-Party Presentations



Shenandoah Valley Amateur Radio Club
4 February 2021

2021 Pre-Party Presentations



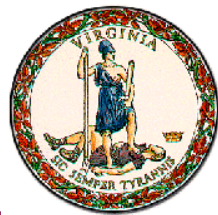
Alexandria Radio Club
12 February 2021

2021 Pre-Party Presentations



Olde Virginia Hams
16 February 2021

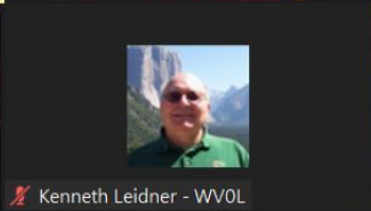
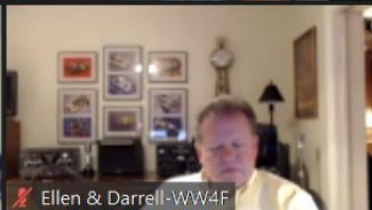
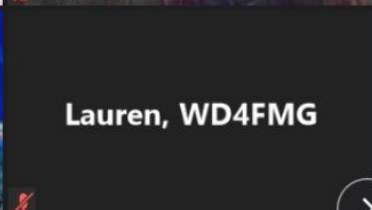
2021 Pre-Party Presentations



Ed Berkowitz	Gordon, NQ4K	John, KK4JP	Joe, KO8V	KOANN & NONMZ
edlang	Steve KN4CJI	James K4CGY	lawrence eicher	BILL OLEKSY
1/2 Dave K4DND	Dave KN4UEK	Kevin Cwalina	Wynn, AI4MV	1/2 Peter Pelny KO4JMJ
Steve Sellers - KD...	K4DU - Bob Pattis...	Joe	Lee, K4ISW	Don N4UVA
Michael Rein	Roy Chilson	Fred, K4GVE	Jim Wilson K4BAV	Bob

Albemarle Radio Club
9 March 2021

2021 Pre-Party Presentations

 N4WLC/N4JDI	 Gordon, NQ4K	 David R KJ4LHP	 John DeMajo K5HTZ
 Tom Ebbert / KG4BIZ	 Kenneth Leidner - WV0L	 Gene, K4GNE	 Michael P (John KX4QC)
 KJ4CYP_JamesHevener	 Armand WA1UQO	 Ellen & Darrell-WW4F	 Dennis Farmer KG4UPT
 PSprinkle	 Jerry Snead KO4HFX	 Ken Zutavern K4ZUT	 Steve - W4SB
 Win Grant	 John, KE4THI	 John King WB4NHX	 Lauren, WD4FMG

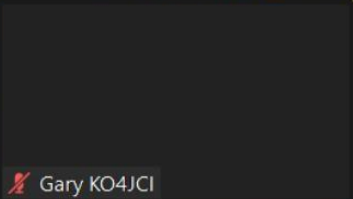
Richmond Amateur Radio Club
12 March 2021

2021 Pre-Party Presentations



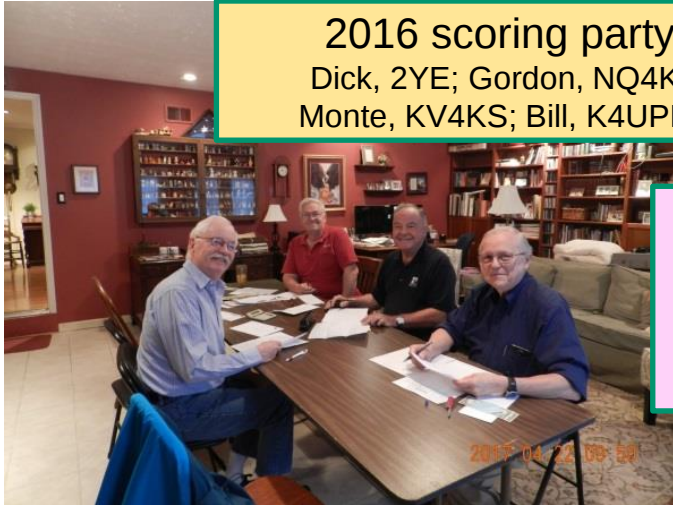
USS Wisconsin Radio Club
13 March 2021

2021 Pre-Party Presentations

 AI / K4ZB	 Gordon, NQ4K	 Gary-KC5QCN	 Dave KJ4EMI
 Erik (K14BXU)	 Gary KO4JCI	 Rick Brown - NN4RB	 Jerry KN4SYO
 Rob - K1PW	 Andrew-KI4THF	 GaryNiki-KC7TNU	Ihosk
Josh - KM4GKX	 Ken - K4KZR	Phil K KJ4GYJ	Mike KK1MM
Ian (He/Him) KI...	Kim KD9XB		

Arlington Radio Club
16 March 2021

2021 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.

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

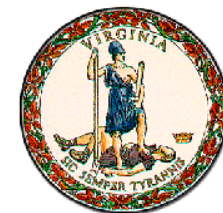
K1HTV
advantage was
CW and Mobile
QSOs.

	K1HTV	W4GO/M	K3SK
Category Station	FIXED	MOBILE	FIXED
Category Power	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.



2021 Virginia QSO Party

Log Metadata Analysis and QSO Analysis

Log MetaData

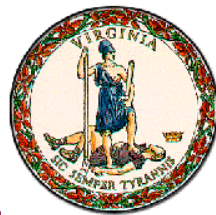


Year	No. of logs
2021	667
2020	613
2019	449
2018	409
2017	399
2016	413
2015	375
2014	379
2013	386
2012	356
2011	358

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	21
Extra	103	170	229	210	224	213	214	236	253	252	252	282	271	289	322	457	499
Adv	8	17	12	11	9	10	10	14	13	14	15	12	10	9	8	14	17
Gen	32	47	71	67	81	70	83	67	75	67	71	78	83	71	82	101	99
Tech	11	20	5	11	16	14	10	6	12	5	10	9	8	8	10	7	18
Club	4	4	11	13	11	10	6	18	12	13	16	16	11	13	11	10	5
Other	11	21	23	24	23	24	35	15	21	28	11	16	16	19	16	24	29
Total											375	413	399	409	449	613	667

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

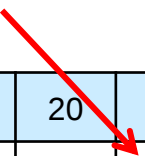
Score	2014	2015	2016	2017	2018	2019	2020	2021
High	1,129,640	926,172	971,861	600,180	1,025,376	1,193,975	815,538	525,320
Average	20,854	17,513	17,179	12,290	1,500	13,811	13,098	12,037
Median	3,564	3,608	2,678	1,704	15,466	1218	1,925	1,716
Low	0	1 (4x)	1 (x11)	0 1 (x8)	0 1 (x8)	0 (x3) 1 (x10)	1 (x4)	0 (x5)

High is KW4VA (multi-multi)
with 4 ops.
Down from 8 ops in 2019.

Log MetaData

Distribution between modes is about same.

CW remains strong - 22%



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

Log MetaData

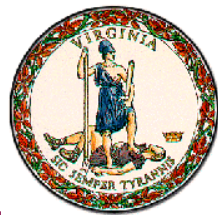
Most hams use low power.

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

Significant increase in Mobiles. Almost doubled. ????

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

Log MetaData



# Ops	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
1	263	333	315	350	318	337	339	374	369	359	395	386	390	426	601	650
2	8	7	15	6	9	6	5	6	3	6	8	6	12	10	9	12
3		4	2	3	4	4	3	2	2	4	5	2	1		1	1
4	5	4	1	1	2	3	2	1	2	3	2	2	1	3	1	2
5	1	1				1	1		1	1		1	1	4		1
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											
Other /Unk																1
Total	16	19	21	14	21	21	17	12	10	16	18	12	19	22	12	17

k4vig

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	21
All	133	201	266	265	273	260	284	272	272	279	266	304	321	290	358	446	510
SB(160M)							1									2	
SB(80M)	3	6	20	13	16	9	4	2	4	1	2	3	5	26	40	61	45
SB(40M)	11	13	27	21	27	38	37	58	79	73	69	64	39	53	29	52	63
SB(20M)	4	11	16	18	18	11	13	13	10	9	12	12		21	7	33	31
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	15
SB (1.25M)					1		1										
SB (70cm)								1									
VHF Only	15	23	14	4	9	6	5	10	9	3	9	6	7	9	5	4	3

Log QTHs



44 % logs
from Virginia

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

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

Log QTHs DX

9 DX Logs



DX QTH	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
Argentina			1														
Azores				1													
Belgium																	1
Columbia							1						1				
Curacao							2										
Czeck Rep	1		1	1		1		1	1	1	1						
England						1	1						1				1
Finland												1	2				
France										2						1	1
Germany	1	1		2	1	1	1		1	1	1	1	1	1		1	1
Hungary	1				1	1											1
Ireland										1							
Italy		1		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	1
Portugal		1	1	1	1	1											
Russia												1					
Slovak Republic										1					1	1	1
Spain			1									1		1		1	1
Sweden						2				3		1					
Ukraine			1		1												
West Indies								1									

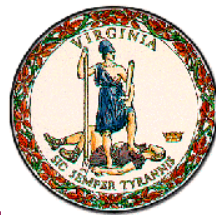
Logs from US and Canada (1 of 3)

46 states

6 provinces

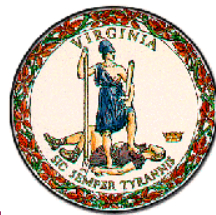
QTH	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
AB														1			1
AL	1	3	1	3	2	3	2	2	1	2				1	2	4	4
AR																3	3
AZ			2	3	5	1	1	4	3	1		2	1	2			4
AR		1				1				1		1	1	2	3		3
BC	1	2	1	4	1									1			2
CA	1	3	7	1	3	2	3	3	2	1	6	4	6	8	8	12	10
CO		2	2				1		1		1	1	1	1	1	2	2
CT			1		2	1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

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
MDC	3	4	3	3	3	2	2	4	6	6	7	9	4	5	7	11	13
ME			2	1	1			1		1				2	3	1	2
MI	6	3	5	2	6	2	1	4	4	2	3	1	3	7	3	8	12
MN	2	1		3	3	2	2	1	1	4	2	4	2	2	3	10	11
MO	1	1	1	2	1	2	5	4	3	7	3	6	5	7	4	7	6
MS	1	1		2	2		1				1	1		1		2	3
MT	1	1	1	1						1		1		1	1	2	
NB			1					1	1							3	2
NC	2	3	4	4	5	8	7	2	8	12	8	5	6	5	8	12	20
ND										1	1		2	1	1	2	2
NE		3	2	1												2	1
NH	1	1	2	3	2	2	2	2	1	2	1	2	2	3	2	5	3
NJ	4	4	6	5	3		4	6	6	11	9	8	7	6	10	10	15
NM								1	1		1	2	1			1	2
NT				1				1									
NV			1		1	1	1	1									1
NY	1	2	7	7	5	3	7	9	6	9	7	5	11	13	7	15	17
OH	1	3	7	6	9	8	7	6	15	6	6	11	7	12	13	16	20

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

Logs from VA (1 of 4)

Logs from 77 C&IC
Same as last year



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

Logs from VA (3 of 4)

QTH	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
LDN	14	20	15	13	18	22	24	21	22	20	10	16	14	12	13	11	10
LEE					1												
LEX														1			
LSA			1	1		2			1	2	2	1	2	2	3	1	1
LUN																	
LYX			3	1			1	1	1	1	1	1	1	1	2	2	2
MAD			1	1	1								1	1			
MAT					1		1	1	2	1	1	1	2	2		1	1
MAX			1							1			1	1	1	1	2
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	4
MPX									1			1					
MVX			1						1		1		1				
NEL		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
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	3
ORG					1	2	4	2	4	3	2	3	2	2	2	3	1
PAG	1	2	2	1	1	1	1	1	2	3	3	3				2	2
PAT											1					1	
PBX																	
PIT	2		1		1	3	2										
POW		1	1	2	2	1					1					1	1
POX	1	1		2		1		1	1	1		2		2	1	2	1
PQX														1	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	24

Logs from VA (4 of 4)

QTH	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
PUL		1										1		1		1	2
RAP									1								
RAX									1		1		1				
RBR									1	1	1		1	2	1	1	1
RHM			1	1	1	1	2	1	2	3	2	2	1	1	2	3	2
RIC	1																
RIX			2		1	1								1			
ROA	2	1	4	6	1	2	5	1	1	2	3	3	3	2	6	4	8
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	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	4
SMY		3			1		2	1		1		1	1	1			
SPO			2	1	2	2	2	3	2	2	1	3	1	2	4	5	5
STA	2	4	3	5	3	1		1	2		1	2		1		3	1
STX							1						1			1	1
SUR					1	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	1
TAZ					1							2	1				
VBX		7	6	6	6	4	3	4	6	4	5	9	4	4	4	3	5
WAR	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3
WAS											1	1	1	2	1	1	1
WAX	1		1	1	1	1	1	1	2	3	1	2	1	1			1
WES		1	1			1								1		2	2
WIS			1	2	3	2	4										
WIX			4	3		1	2	4	3	2	1	2	2	2	3	3	2
WMX	1			1	1	1	1	2	1	2	1						
WYT					1		1			1	1	1	2	1	1		2
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	21
N1MM	39	50	69	75	94	118	121	139	142	153	161	171	203	297	324
N3FJP VA QSO Party	98	113	127	104	118	112	128	117	126	136	136	130	157	192	217
WA7BNM Web2Cab												17	33	39	36
Fat Fingers	38	11	15	24	34	38	20		23	29	29	24	19	34	24
Paper	81	63	60	46	36	46	48	45	39	48	27	17	15	16	34
WriteLog	23	24	19	15	20	11	6	9	10	8	14	11	7	11	9
GenLog	9	11	10	13	12	7	10	6	7	12	9	10	7	6	5
VA QSO LOGGER	32	12	6	4	8	6	4		3	3	6	4	3	4	2

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.

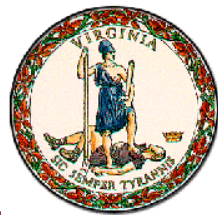
QSO Analysis



Measure	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
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	127,592
Non-Virginia contacts	1/3	1/3	1/3	1/3	1/3	1/3	26%		27%	23%	22%	28%	30%	29%	27%	30%	31%
States Contacted		50	50	50	50	50	50	50	50	50	50	50		48	50	50	50
Provinces Contacted		10	10	14	11	12	12	12	11	12	12	13	10	10	13	11	11
DX Entities	~41	68	112	118		119				4%	1%	2%	2%	2%	2%	1%	1%
C&C Not Activated	17	7	6	2	1	3	5	5	4	3	0	3	2	4	1	1	2
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	7,719 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
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													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
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
DG	885	1,308	543	600	274	150	709	183	970	294	568	463
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
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

CW increased by 20%

Phone decreased by 4%

Digital decreased by 18%

Digital is very low!

Band QSOs



Band	2016	2017	2018	2019	2020	2021
160M	119	294	42	198	88	197
80M	11,008	16,924	22,055	25,179	37,615	33,937
40M	29,319	13,222	12,556	13,380	15,188	18,674
20M	6,074	5,082	4,232	3,361	4,830	4,702
15M	430	269	189	221	173	194
10M	65	271	68	152	120	171
6M	146	345	77	164	126	179
2M	1,565	2,401	1,458	1,559	2,407	3,464
1.25M	280	331	98	149	230	576
70cm	525	795	821	526	956	1,561
33cm	128					110
23cm/1.24G					1	31
30M			74			
17M			1			
12M			1			
Grand Total	49,660	39,939	41,669	44,895	61,734	63,796

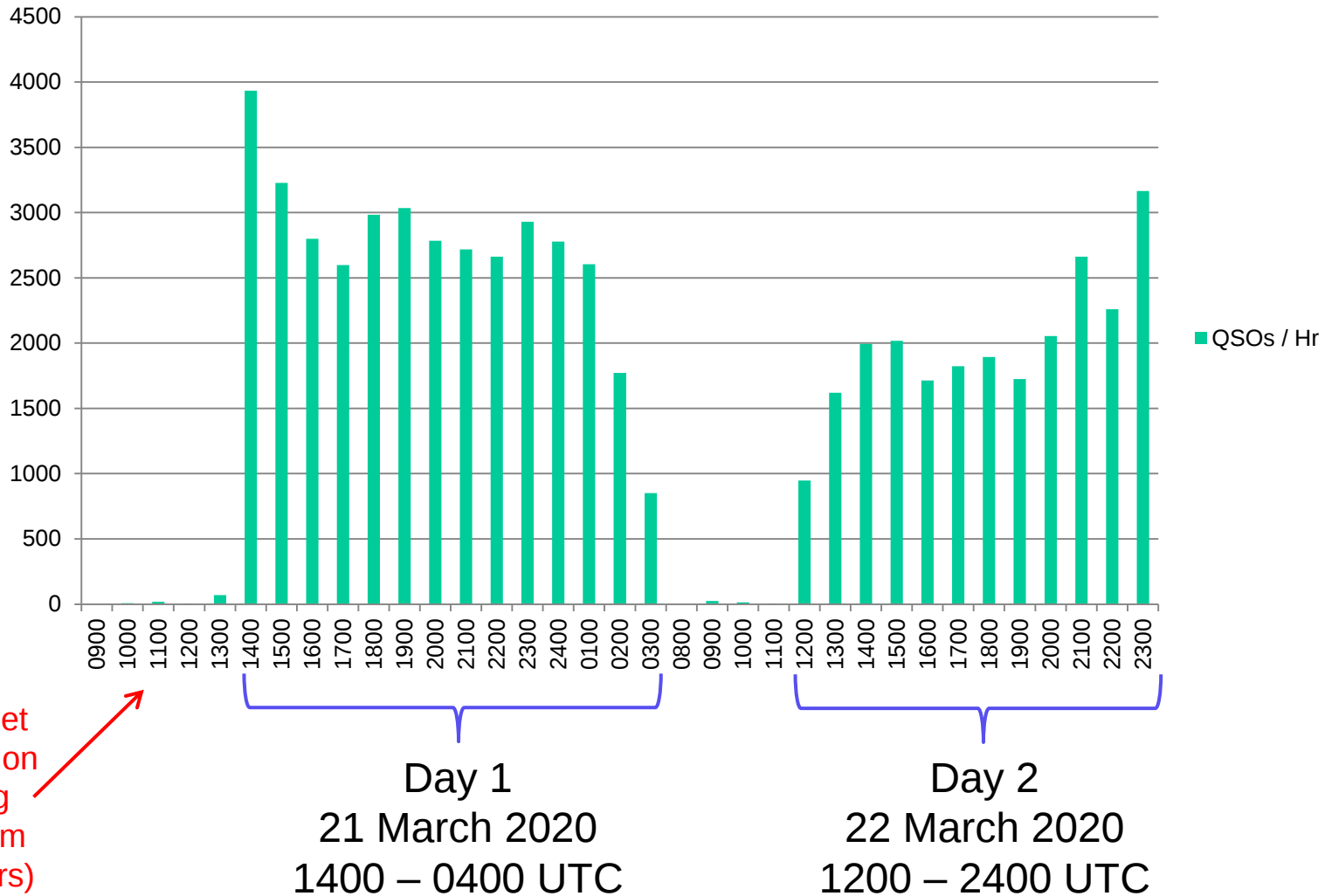
Starting shift
from 80M
to 40M?

2020 VQP

QSOs reported per Hour

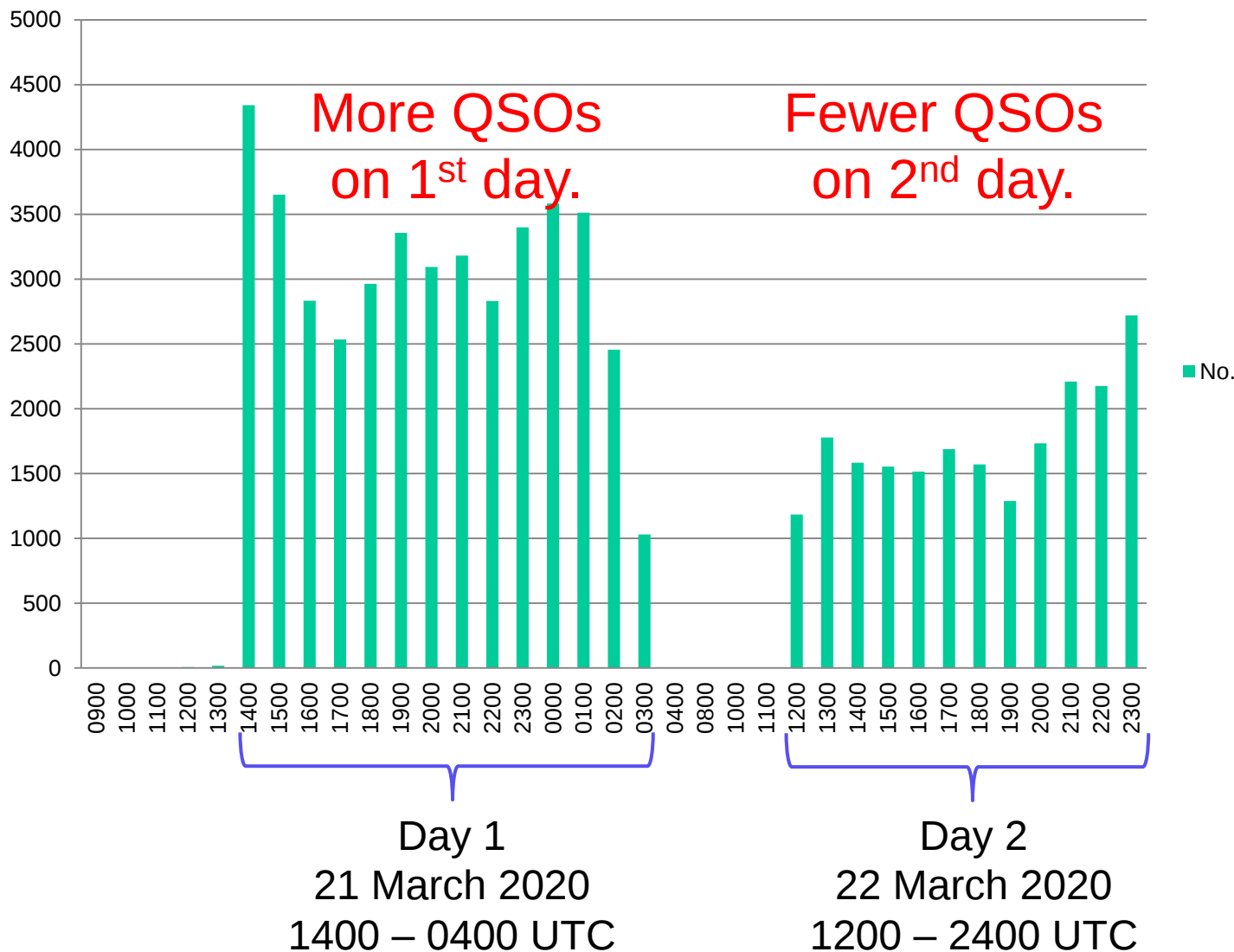


Time set
wrong on
logging
program
(4 hours)

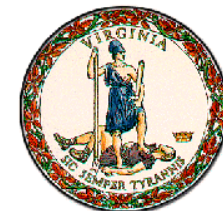


2021 VQP

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

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

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

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
Lancaster	0	126	616	891	628	1032	984	602	1098	386	490	432	50	323	443	1459	657
Lee	0	1	3	14	65	1	287	24	57	46	33	3	25	25	24	58	11
Lexington *	0	2	58	60	42	69	15	88	15	1	183	1	1	151	19	109	2
Loudoun	1299	3465	3586	4347	8629	9178	####	8463	####	####	3324	5228	3689	4095	3575	3020	3348
Louisa	13	42	712	711	32	196	58	136	139	748	995	1002	610	755	865	1001	1065
Lunenburg	12	45	9	49	72	1	49	55	90	128	192	73	136	153	162	184	49
Lynchburg *	9	42	786	322	147	53	259	168	643	240	417	129	68	1368	252	449	878
Madison	15	329	61	434	447	259	373	568	561	216	290	177	322	283	460	544	1079
Manassas *	111	220	109	101	152	117	249	382	153	84	156	146	590	343	218	870	269
Manassas Park *	56	196	118	76	120	90	302	267	165	141	174	211	604	149	101	298	269
Martinsville *	0	0	60	208	62	40	258	48	442	0	400	137	225	18	136	193	196
Mathews	0	10	52	213	187	62	28	200	305	222	292	630	1120	888	7	325	548
Mecklenburg	38	394	9	59	34	54	55	3	32	45	54	512	61	42	106	50	71
Middlesex	1	13	47	304	186	24	14	16	12	102	19	10	2	131	2	168	82
Montgomery	118	1280	1817	1751	213	1197	613	612	598	1016	345	363	415	824	362	737	831
Nelson	10	111	287	230	275	47	121	157	554	21	268	62	78	59	495	188	437
New Kent	0	12	699	329	31	12	32	161	1056	103	43	21	9	89	78	3	118
Newport News *	11	16	54	27	43	129	691	930	686	892	475	1210	839	550	430	711	40
Norfolk *	5	18	151	151	113	291	162	214	244	249	188	96	11	89	323	54	54
Northampton	3	0	132	15	187	137	1	55	0	5	9	5	0	3	67	5	41
Northumberland	23	140	195	267	145	976	2038	2307	2711	3154	3023	2643	1461	1356	1386	2926	2071
Norton *	1	2	0	0	28	7	25	22	34	57	50	1	49	17	29	136	0

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
Nottoway	25	61	0	27	28	2	0	0	75	30	212	127	96	65	87	68	23
Orange	9	40	175	124	500	681	284	1186	1501	1165	794	1279	831	745	971	1948	1096
Page	286	825	1237	910	755	627	839	778	1035	1137	1055	842	327	172	110	1133	1657
Patrick	107	179	3	384	409	652	707	361	225	2	505	0	156	16	22	220	103
Petersburg *	25	0	1	70	17	1	0	0	81	26	274	50	23	92	238	22	20
Pittsylvania	200	1	109	92	207	776	1065	63	59	34	165	96	38	114	101	124	59
Poquoson *	7	0	27	10	21	11	0	1	11	12	487	566	7	286	8	229	149
Portsmouth *	38	34	108	146	123	69	31	43	88	98	103	187	46	115	78	108	56
Powhatan	54	1166	2223	1919	1157	1922	15	4	12	25	167	15	3	3	142	257	621
Prince Edward	47	91	20	51	54	3	27	151	209	8	278	80	76	57	630	18	63
Prince George	333	3	19	60	46	25	10	3	76	27	265	81	15	109	280	21	113
Prince William	396	1166	3031	2125	974	2580	2728	2498	1447	1914	3537	2636	2321	3469	2665	3425	4397
Pulaski	7	288	4	30	2	30	42	6	262	93	90	57	45	655	74	450	1296
Radford *	4	5	1	21	4	54	51	72	66	22	32	21	164	35	32	154	66
Rappahannock	79	440	274	896	298	491	335	756	649	426	413	133	829	207	399	434	900
Richmond	364	65	23	87	68	7	46	107	4	81	83	129	1	90	8	55	231
Richmond *	19	14	201	36	77	78	169	34	60	0	132	148	4	174	152	25	93
Roanoke	44	93	409	217	144	416	593	634	250	403	366	357	375	161	588	738	1220
Roanoke *	10	17	208	225	108	990	801	243	65	91	71	35	30	24	104	468	96
Rockbridge	0	37	76	103	177	125	86	226	278	293	650	7	376	435	1023	891	853
Rockingham	19	108	370	562	677	710	1036	798	948	1431	1533	1085	351	196	862	1760	1520
Russell	0	51	47	34	215	393	98	52	286	180	203	112	98	61	84	89	3

QSO Analysis

Contacts in Counties and Independent Cities (6 of 6)

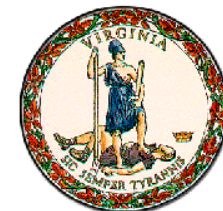


C&IC	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Salem *	3	20	127	499	136	453	75	409	280	312	68	349	64	134	161	226	663
Scott	53	91	77	61	186	59	104	46	206	48	109	9	276	36	53	113	47
Shenandoah	48	200	216	64	36	71	129	653	295	472	520	621	396	503	582	1515	1551
Smyth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

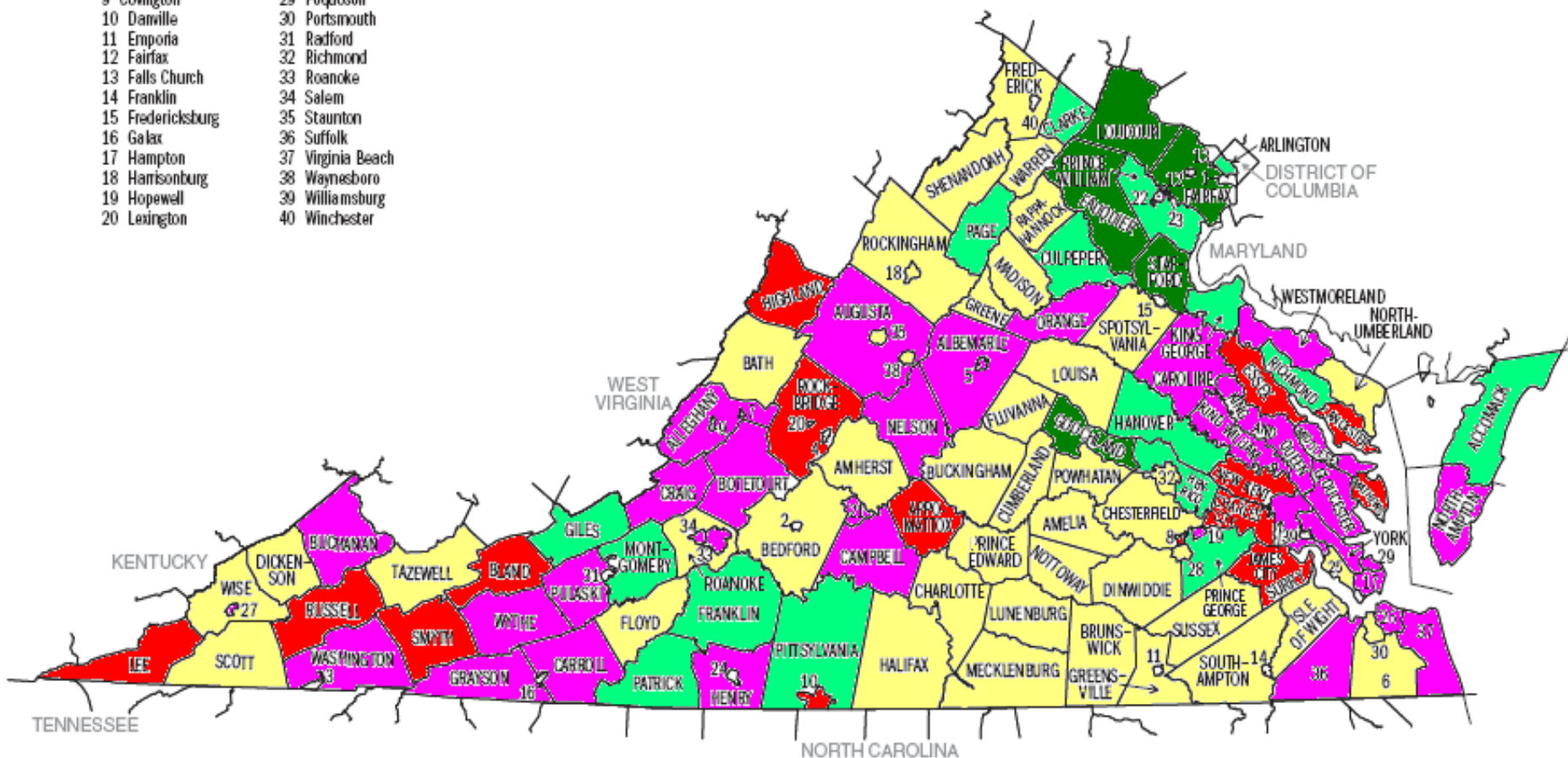
Counties and Independent Cities Activated



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1-10	38	24	20	7	8	18	6	15	8	18	3	13	14	9	11	8	12
11-100	55	55	45	58	51	39	41	36	40	31	27	34	48	39	34	26	33
101-1000	18	37	48	56	64	60	64	61	62	61	85	62	55	70	71	71	59
>1000	5	11	15	11	10	14	18	17	20	20	18	21	14	12	17	27	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 |



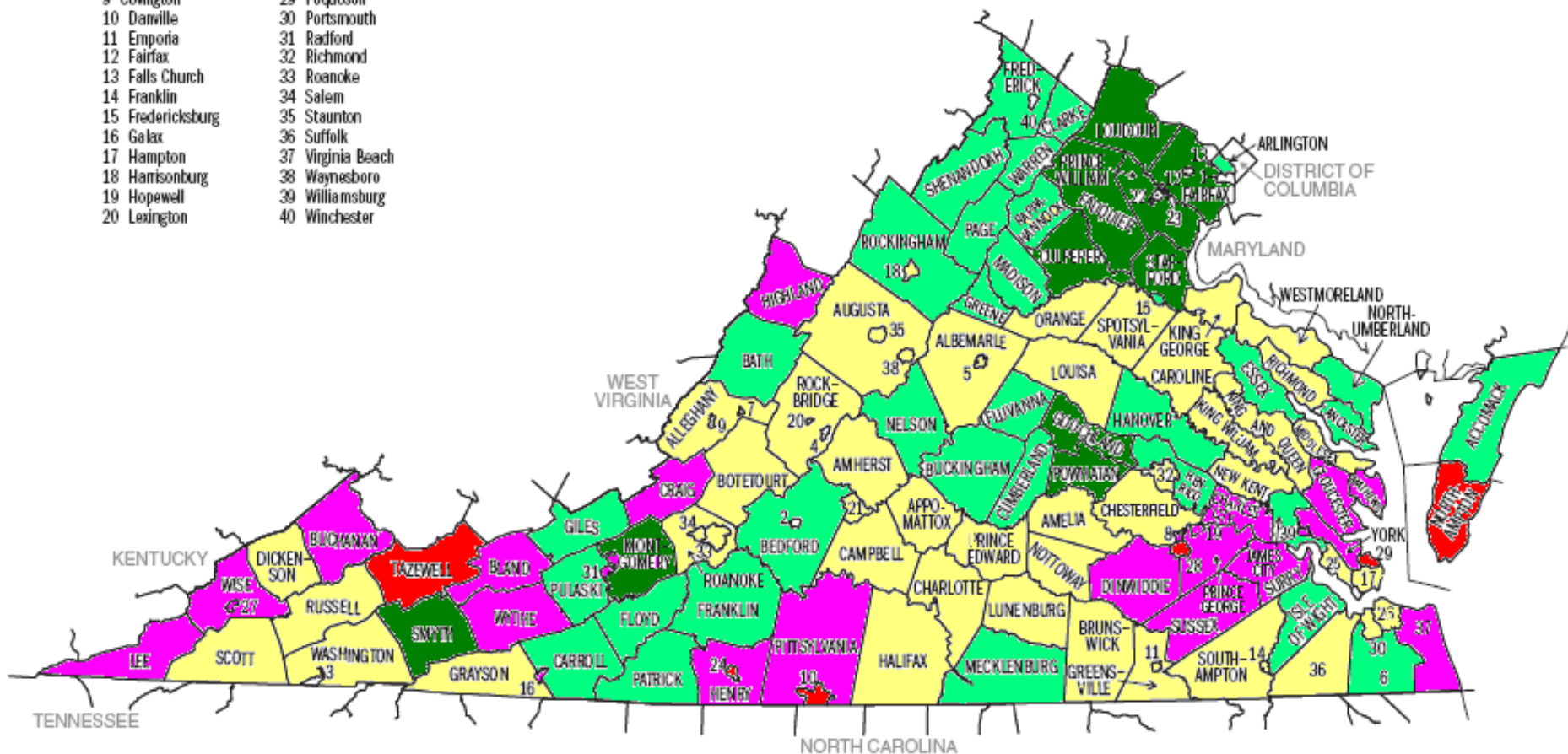
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2006 QSO Contact Analysis

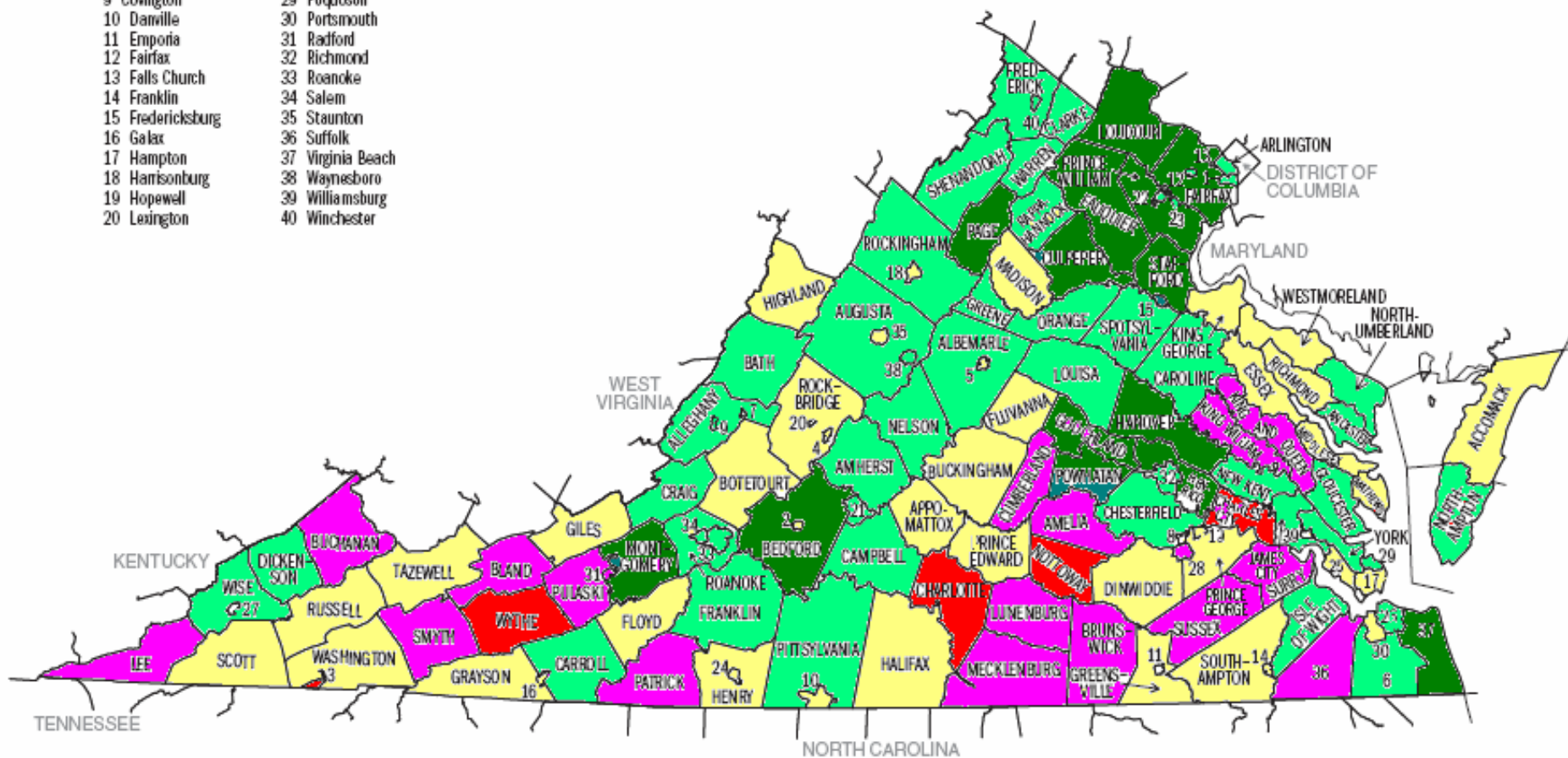


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| 1 Alexandria | 21 Lynchburg |
| 2 Bedford | 22 Manassas |
| 3 Bristol | 23 Manassas Park |
| 4 Buena Vista | 24 Martinsville |
| 5 Charlottesville | 25 Newport News |
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| 16 Galax | 36 Suffolk |
| 17 Hampton | 37 Virginia Beach |
| 18 Harrisonburg | 38 Waynesboro |
| 19 Hopewell | 39 Williamsburg |
| 20 Lexington | 40 Winchester |



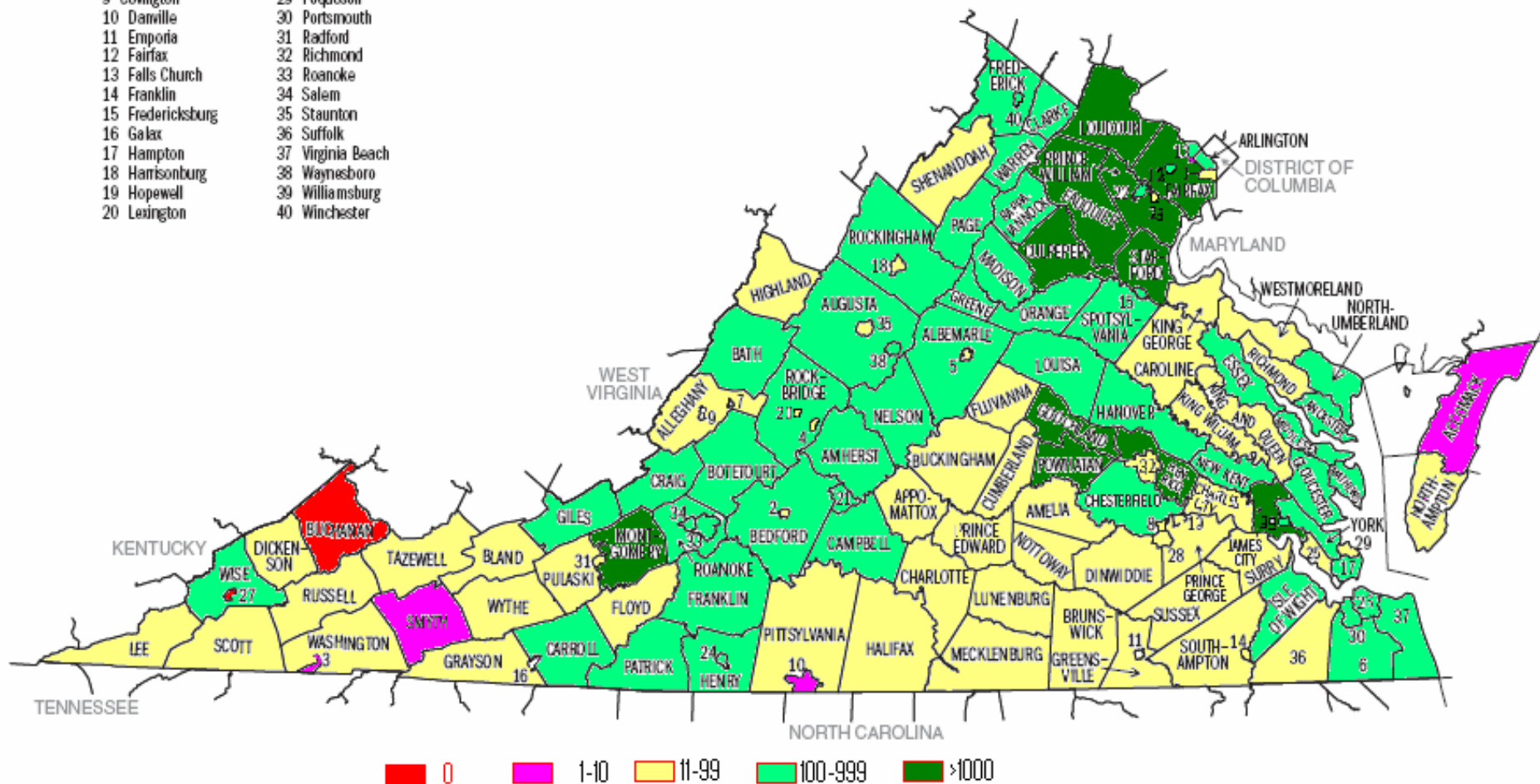
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| 1 Alexandria | 21 Lynchburg |
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| 16 Galax | 36 Suffolk |
| 17 Hampton | 37 Virginia Beach |
| 18 Harrisonburg | 38 Waynesboro |
| 19 Hopewell | 39 Williamsburg |
| 20 Lexington | 40 Winchester |

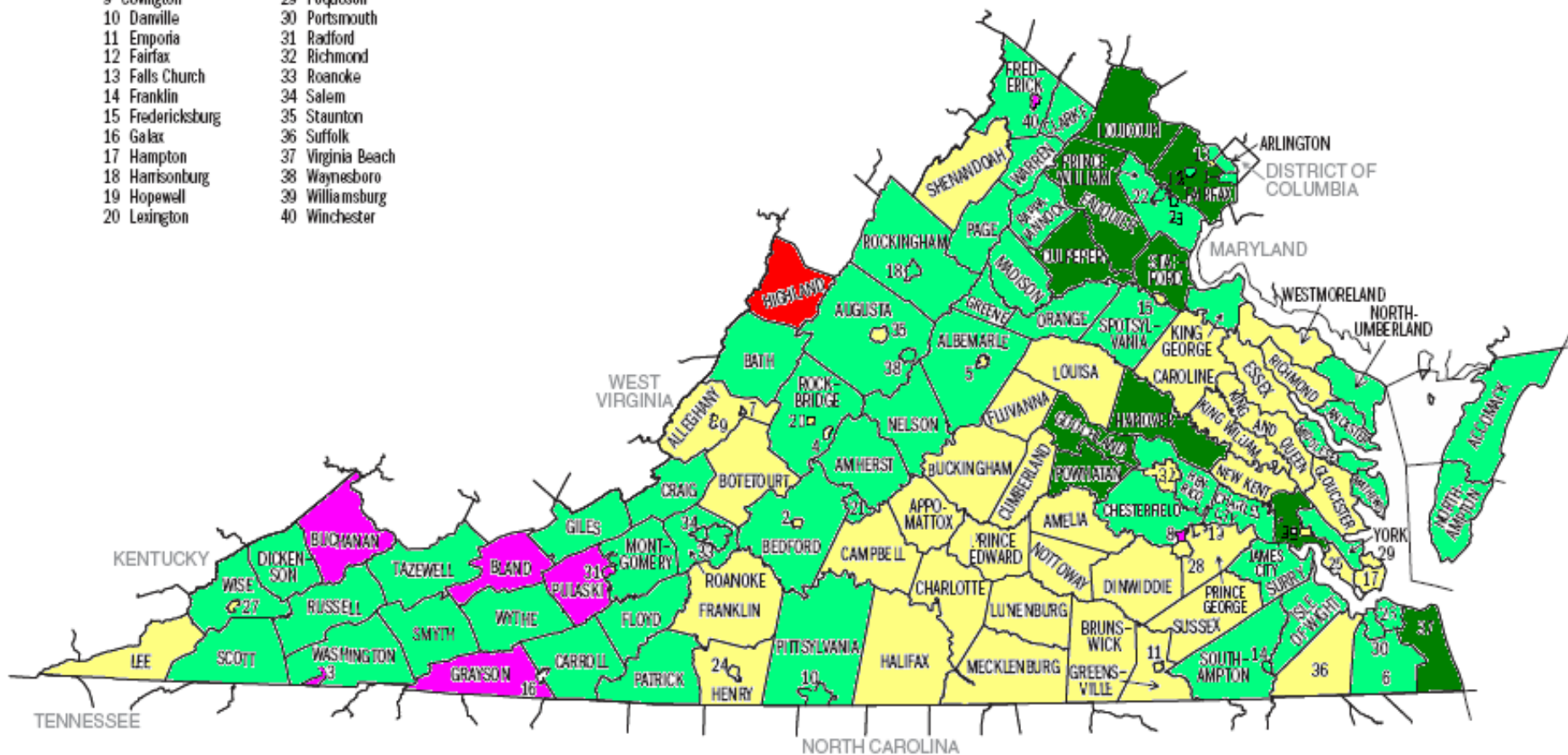


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| 1 Alexandria | 21 Lynchburg |
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| 12 Fairfax | 32 Richmond |
| 13 Falls Church | 33 Roanoke |
| 14 Franklin | 34 Salem |
| 15 Fredericksburg | 35 Staunton |
| 16 Galax | 36 Suffolk |
| 17 Hampton | 37 Virginia Beach |
| 18 Harrisonburg | 38 Waynesboro |
| 19 Hopewell | 39 Williamsburg |
| 20 Lexington | 40 Winchester |



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|--------------------|-------------------|
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| 10 Danville | 30 Portsmouth |
| 11 Emporia | 31 Radford |
| 12 Fairfax | 32 Richmond |
| 13 Falls Church | 33 Roanoke |
| 14 Franklin | 34 Salem |
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| 18 Harrisonburg | 38 Waynesboro |
| 19 Hopewell | 39 Williamsburg |
| 20 Lexington | 40 Winchester |

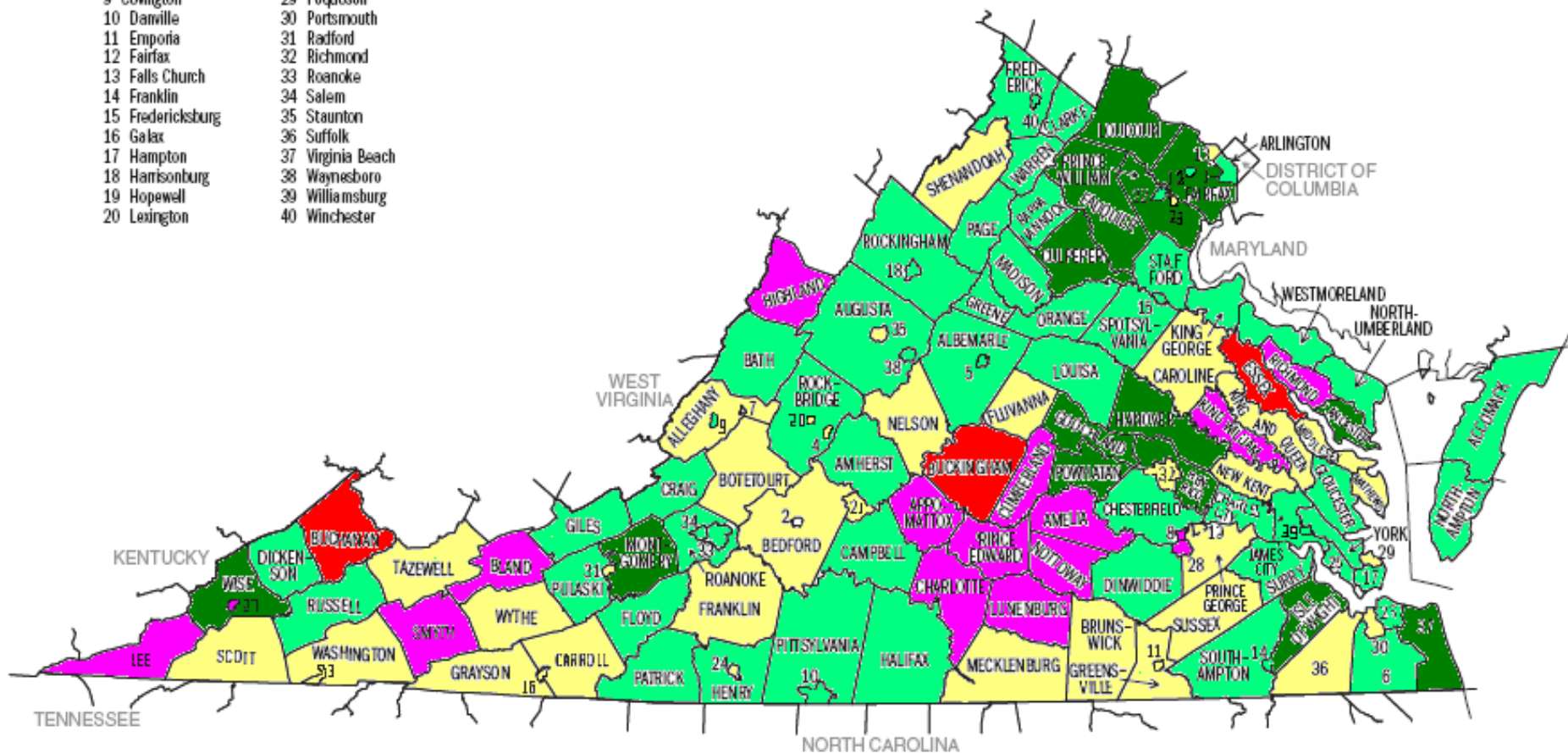


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2010 QSO Contact Analysis



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| 1 Alexandria | 21 Lynchburg |
| 2 Bedford | 22 Manassas |
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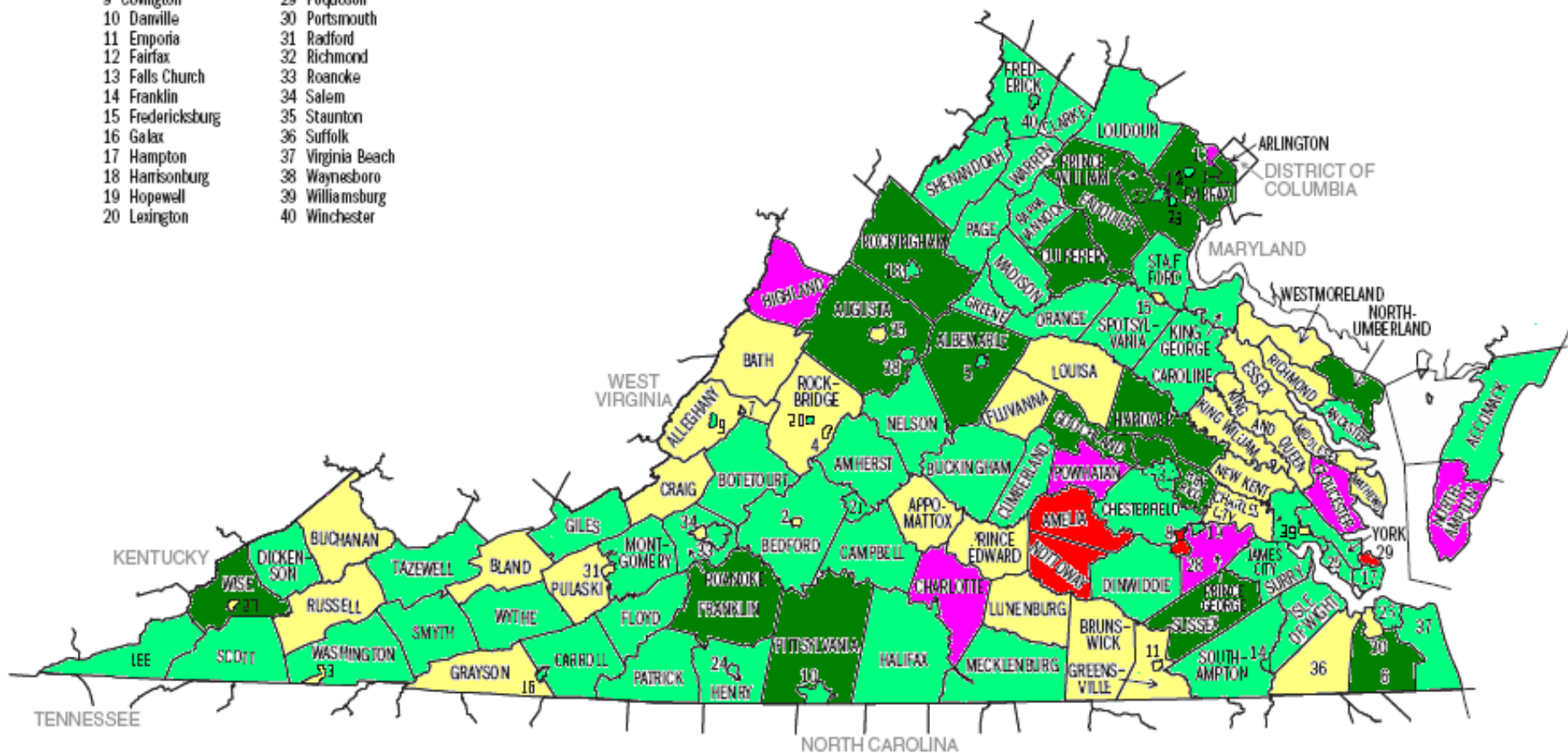


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2011 QSO Contact Analysis

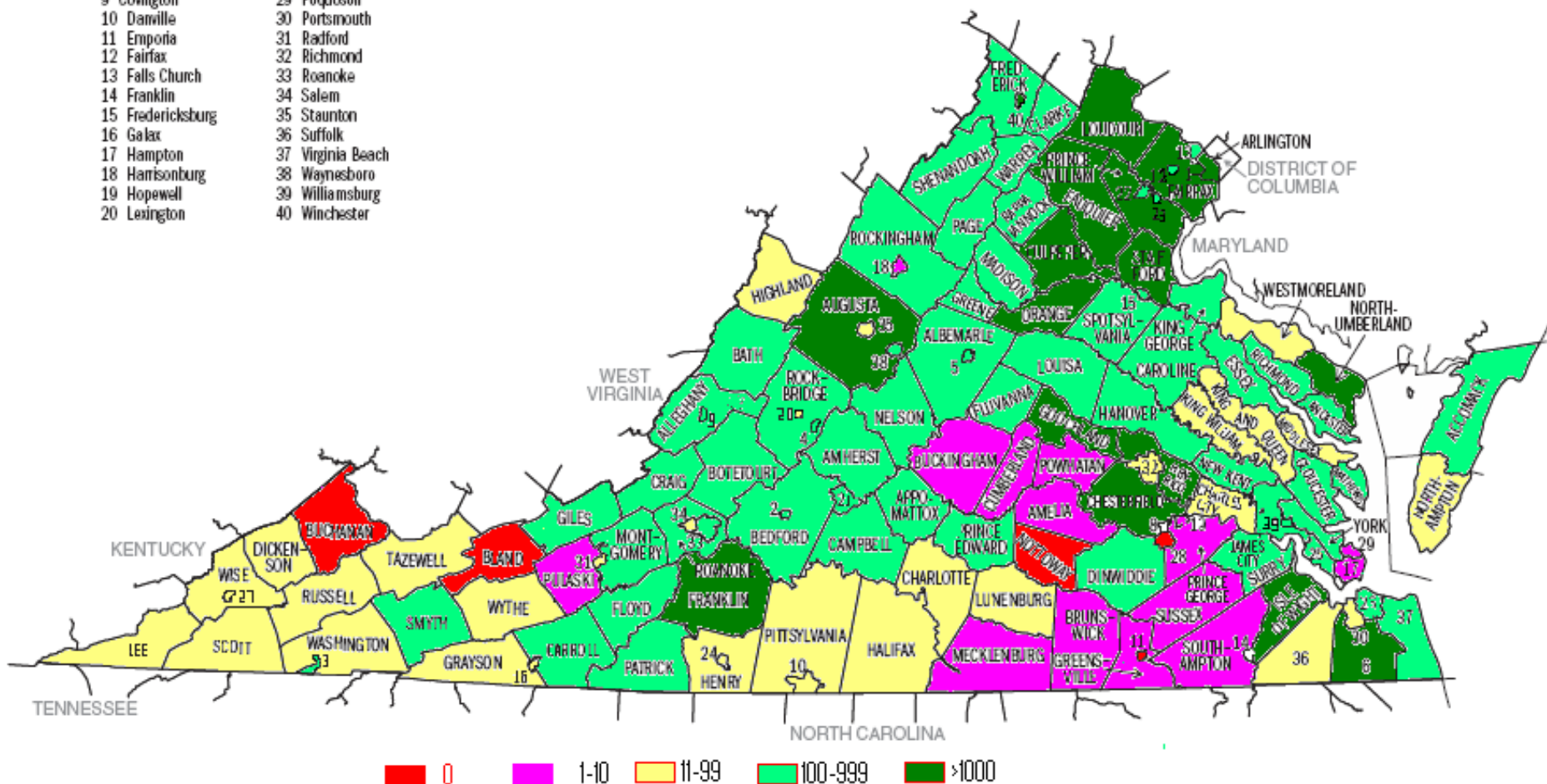


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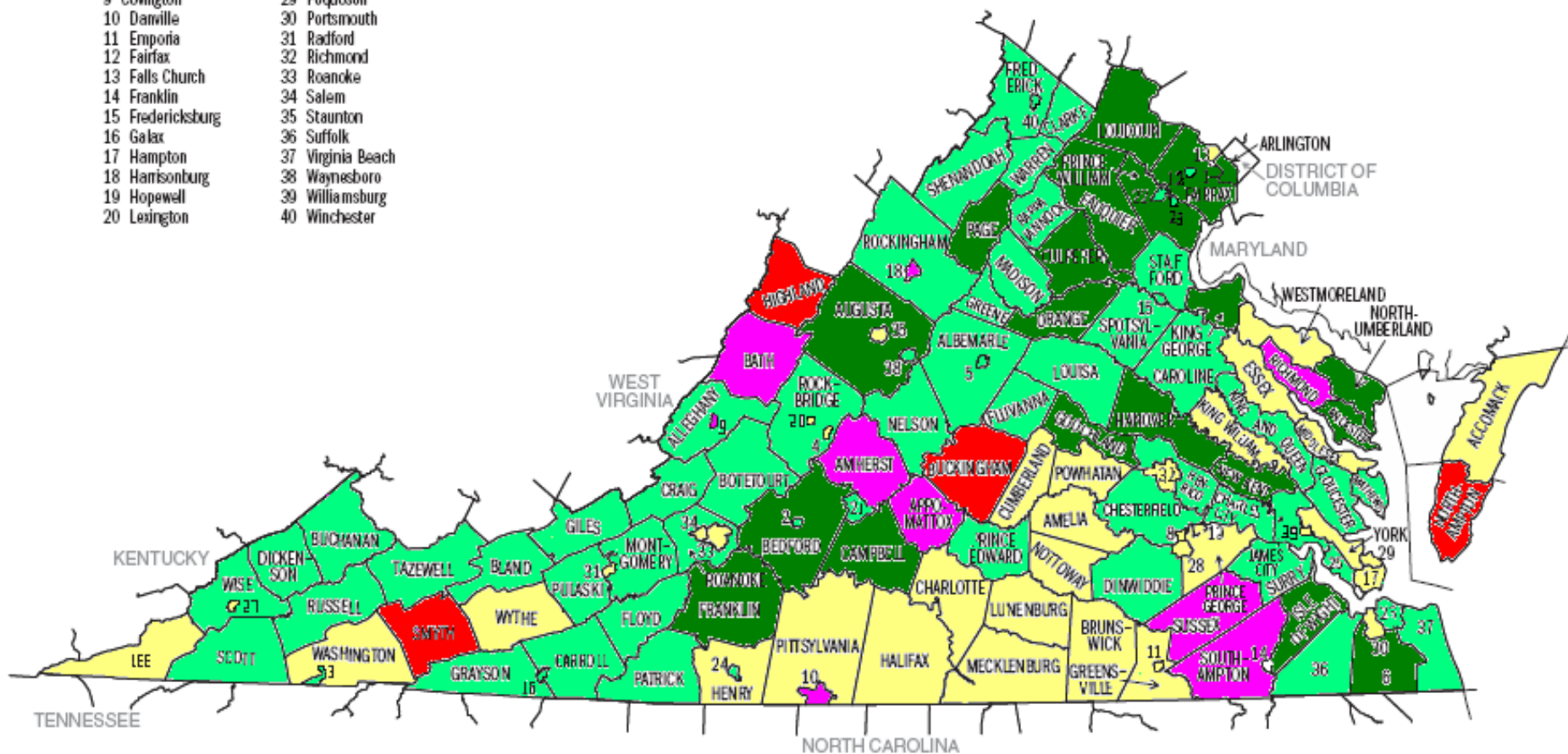
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2013 QSO Contact Analysis



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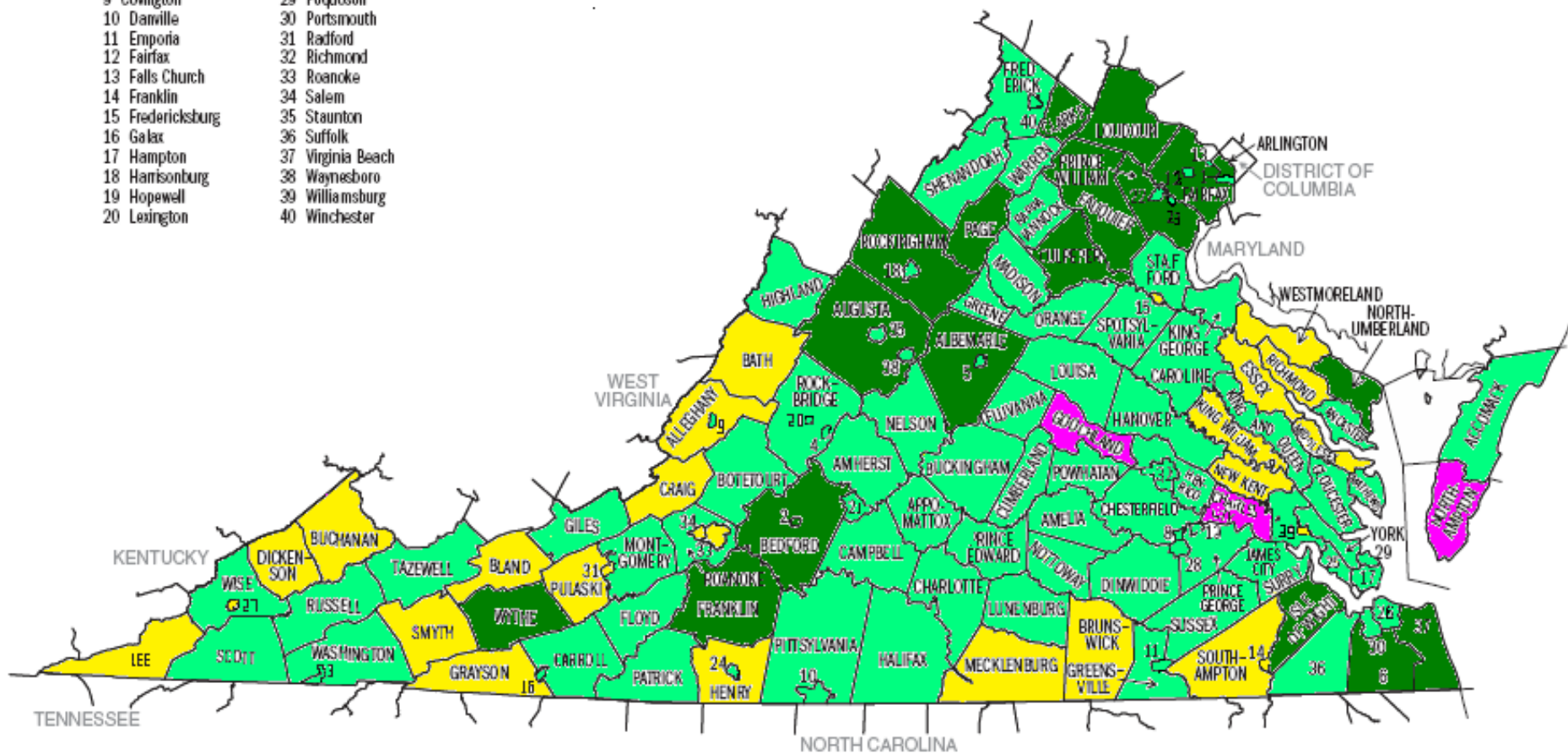
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2015 QSO Contact Analysis

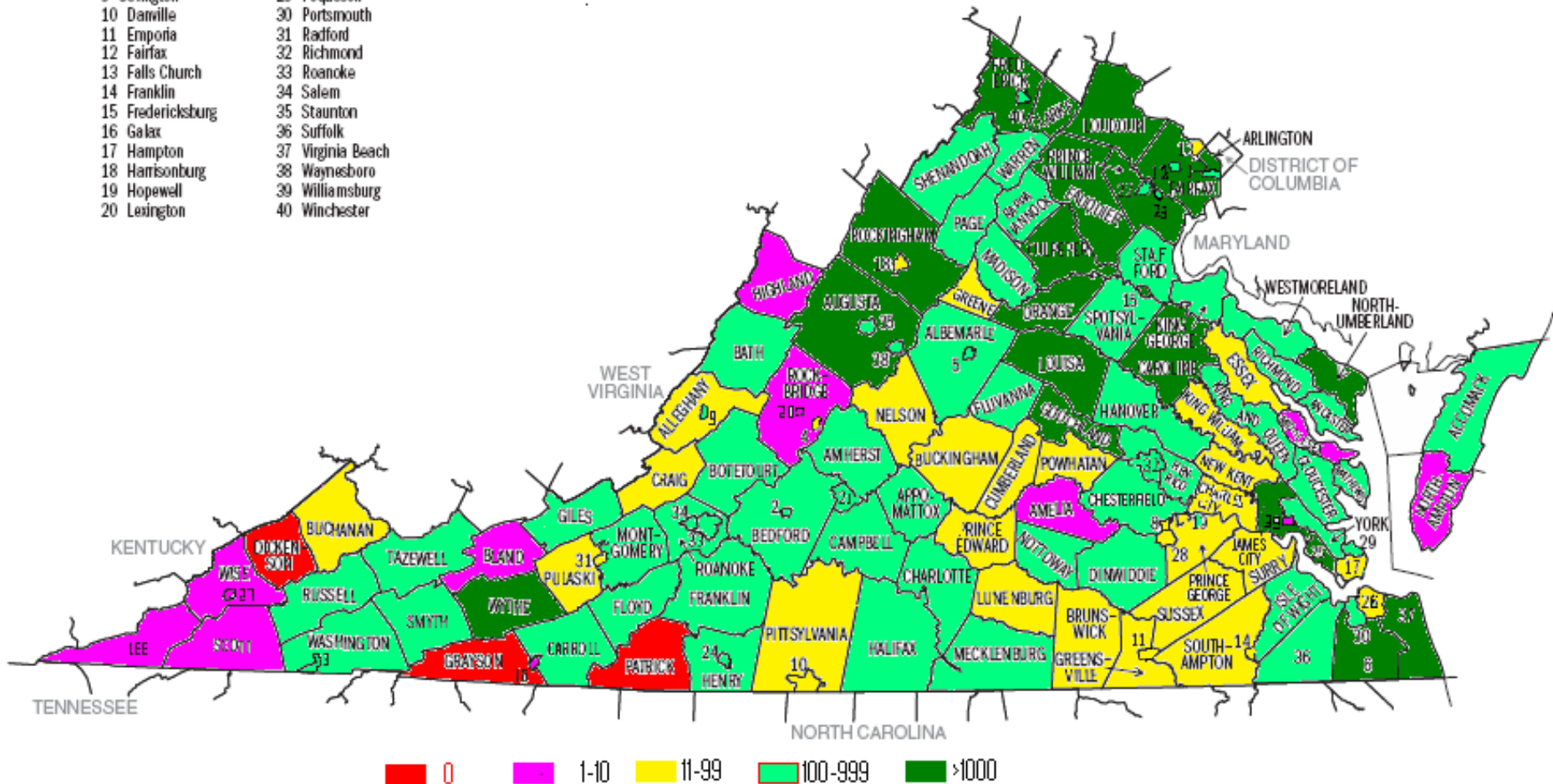


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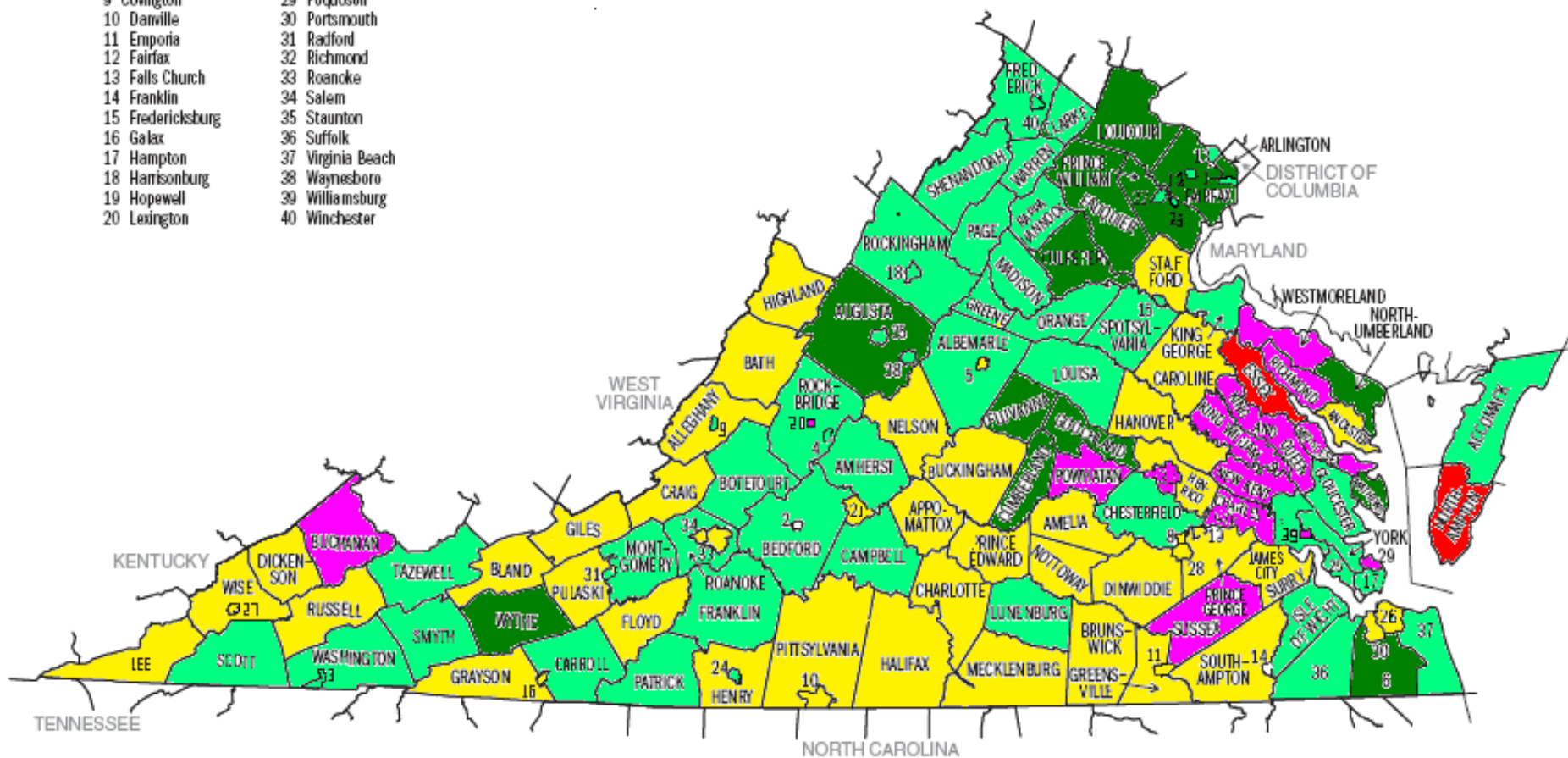
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2017 QSO Contact Analysis

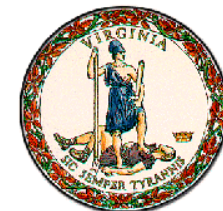


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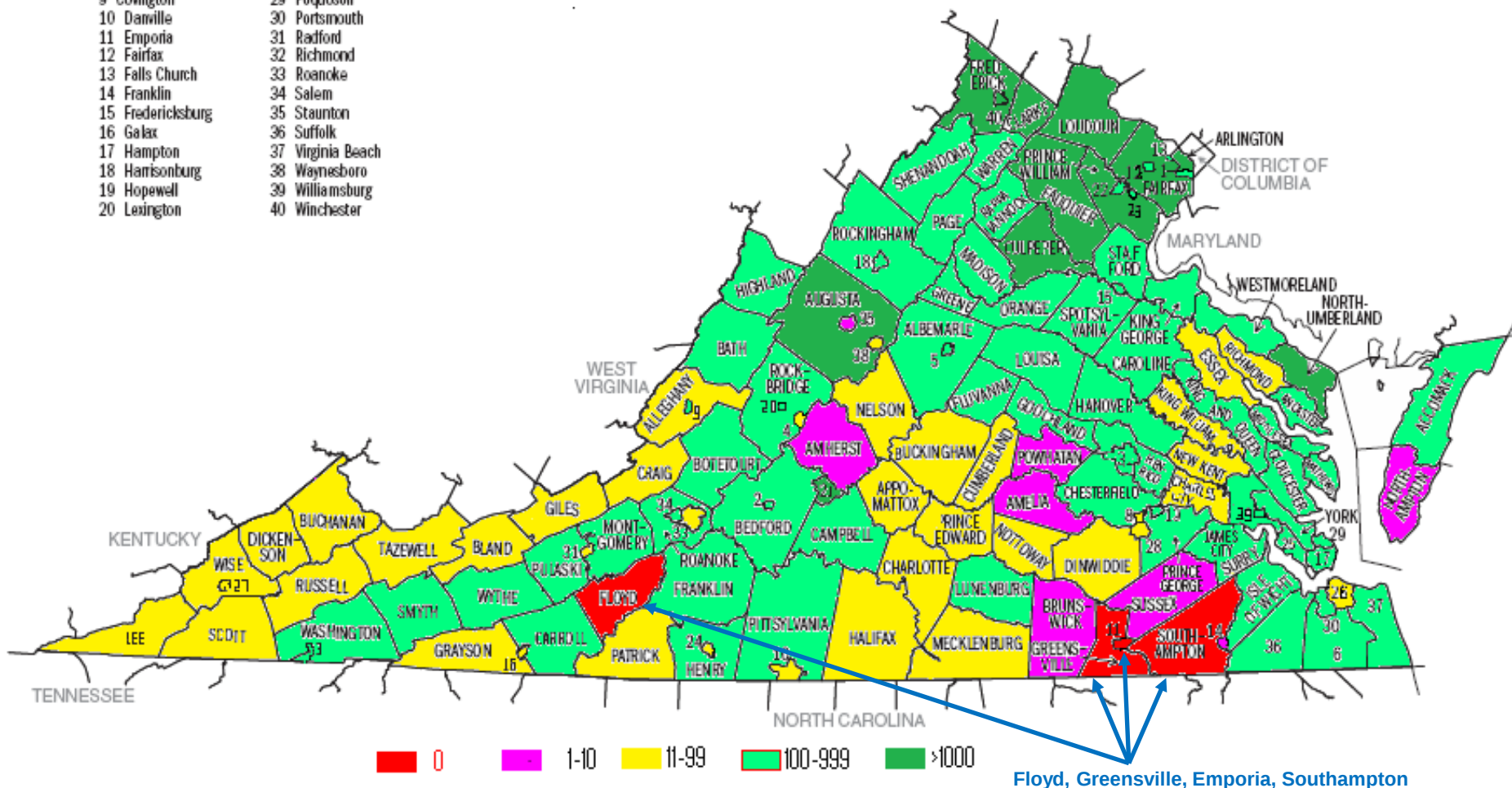


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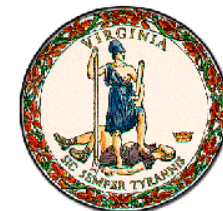
2018 QSO Contact Analysis



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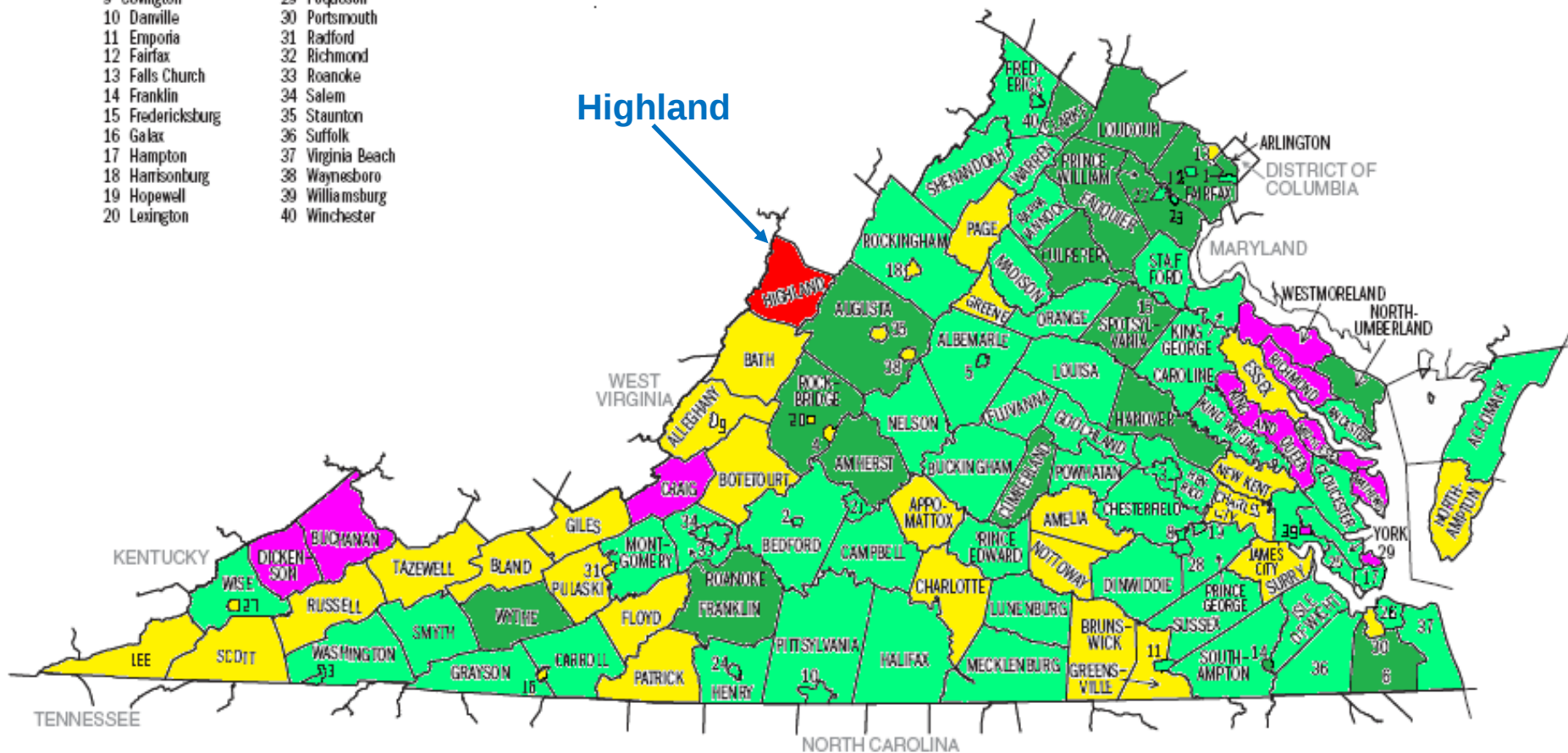


2019 QSO Contact Analysis



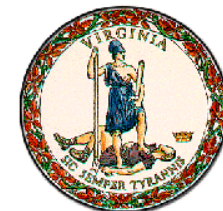
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Highland

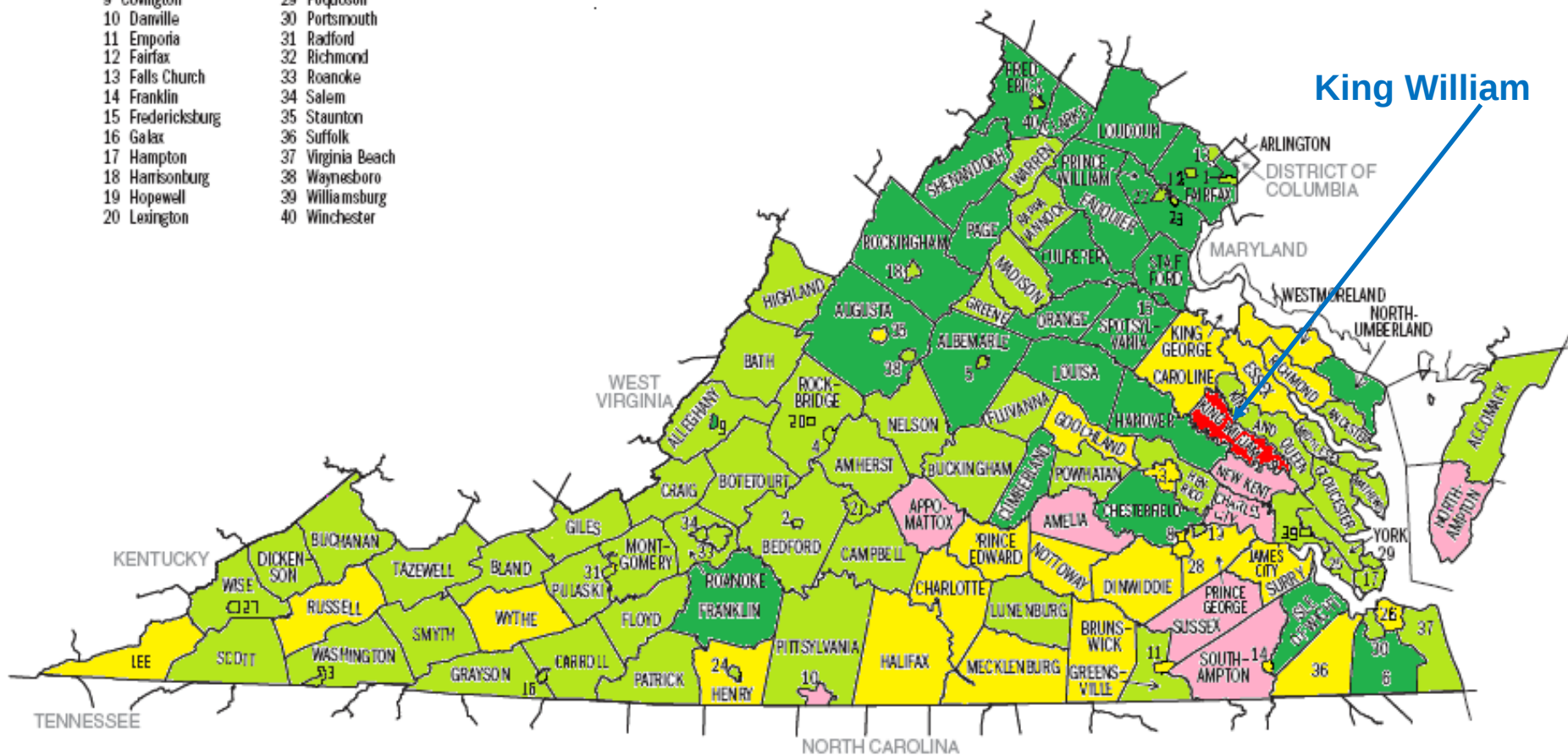


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2020 QSO Contact Analysis



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King William

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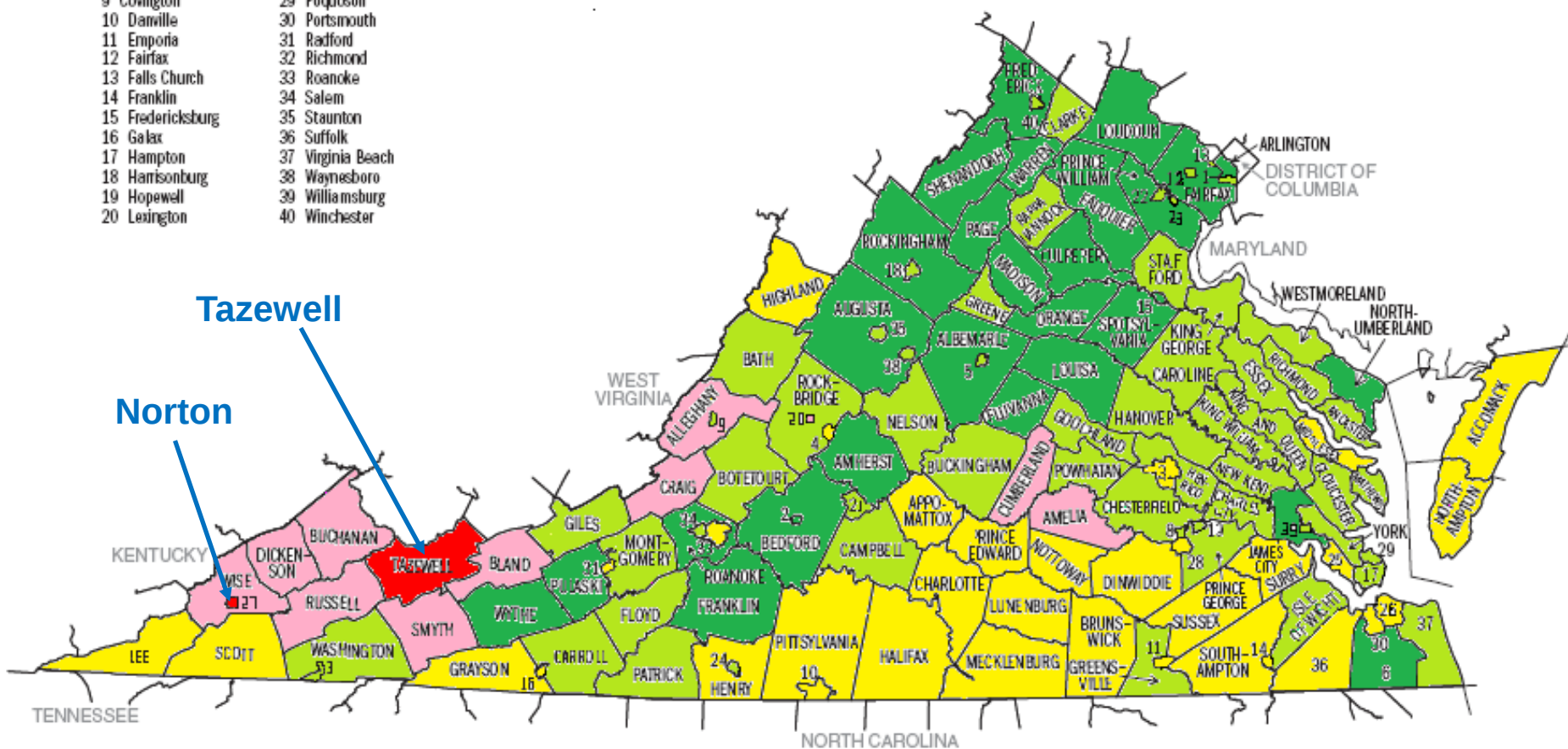
2021 QSO Contact Analysis



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Tazewell

Norton



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2021 High Club - Combined Score

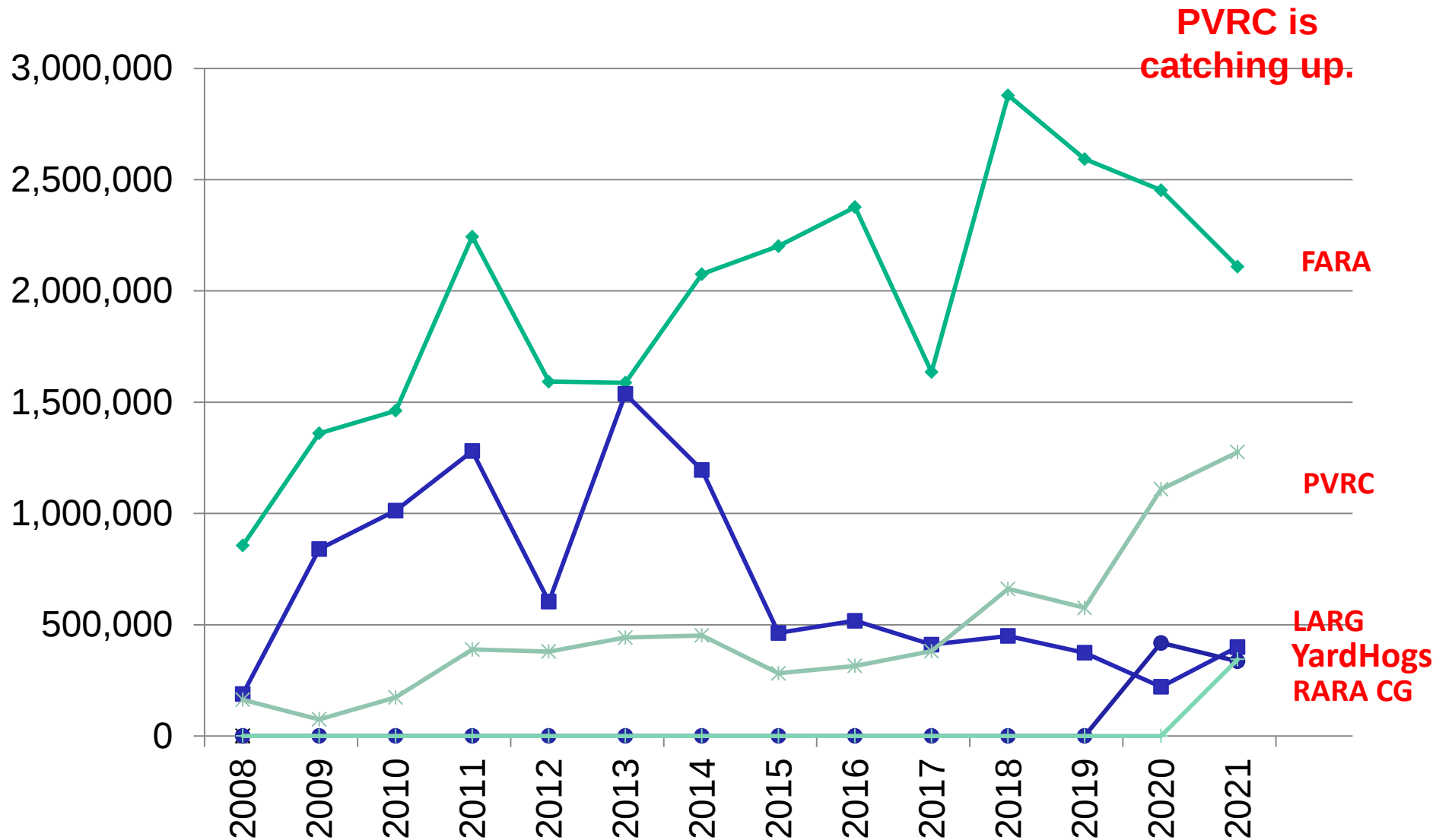


Row Labels	Sum of Score
FARA	2,108,677
PVRC	1,275,621
None Stated	1,186,086
Loudoun ARG	399,774
Yardhogs	344,713
RARA CG	335,664
Shenandoah Valley Wireless	257,625
DDCC	161,754
Shenandoah Valley ARC	156,047
Albemarle ARC	134,862
Alexandria RC	132,791
Heritage Hunt Hams	109,292
TVDXA	106,624
Frankford RC	101,944
Olde Virginia Hams	89,175
SMC	87,631
CVCC	71,944
Roanoke Valley ARC	71,204

Row Labels	Sum of Score
Vienna Wireless Society	67,233
Sterling Park ARC	59,095
Western Tidewater RA	53,388
Woodbridge Wireless	51,840
Tennessee Contest Group	46,479
Williamsburg Area ARC	41,018
Chesapeake ARS	38,284
Mad River RC	37,540
VMARC	36,036
Florida Contest Group	31,143
Slovak Contest Group	30,003
Tim-Bob	27,168
Swamp Fox Contest Club	25,392
CARA	23,343
Yankee Clipper CC	21,610
South East Contest Club	18,329
RVARC	17,458
CDXA	16,771

Row Labels	Sum of Score
USS Wisconsin Radio Club	15,991
WVDXC	12,568
Bristol (TN) ARC	10,876
New Providence ARC	10,741
Hudson Valley Contesters & DX	10,720
Orange Park ARC	10,266
Minnesota Wireless Assn	9,362
Southern California CC	9,169
Fort Smith Area ARC	8,232
Lake Area Aamateur Radio Klub	7,936
Kentucky Contest Group	7,760
Virginia Tech ARA	7,680
SCARC	7,548
Arlington ARC	7,188
Queen City Emergency Net	6,975
Mount Vernon	6,832
COOKEN	5,750
CWops, Kentucky Contest Group	5,456

High Club - Combined Score



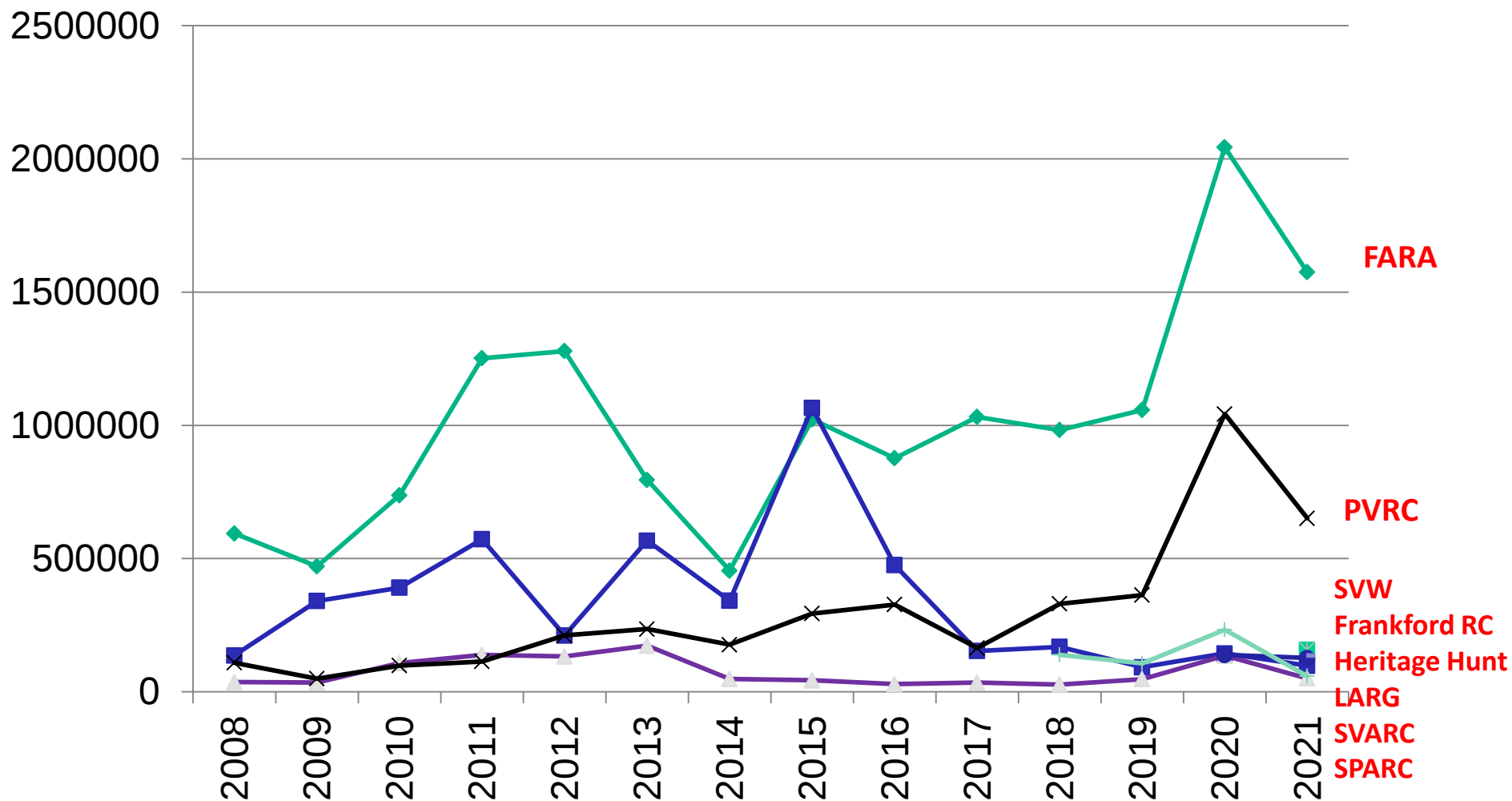
Log Counts by Club (3 or more logs)



PVRC is
catching up.

Club	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
None Given	108	123	126	122	128	118	133	135	126	150	206	221
Fauquier ARA	35	32	27	28	29	30	30	42	45	36	53	57
Potomac Valley Radio Club	7	8	13	14	18	16	23	20	20	29	47	45
Alexandria Radio Club	5	6	13	9	7	8	7	5	5	10	10	21
Ole Virginia Hams	5	4	6	12	11	12	11	15	11	12	14	17
Heritage Hunt Hams										7	9	13
Frankford Radio Club	4	3	6	4	5	3	4	5	5	8	6	12
Shenandoah Valley ARC	4	6	14	12	14	7	12	16	18	20	19	11
Shenandoah Valley Wireless					6	3	7	13	7	7	7	10
Roanoke Valley ARC	11	9	10	4	5	6	5	2	5	10	5	9
Tennessee Contest Group	5	4	4	2	3	8	6	4	4	8	7	9
Minnesota Wireless Assn									2	4	9	8
Sterling Park ARC	15	11	12	15	7	7	10	10	6	8	10	8
Vienna Wireless Society	3	9	7	5	7	2	3	1	2	11	5	8
Florida Contest Group		3	5	2	2	1	1	2		9	9	7
Loudoun ARG	24	25	17	28	25	19	20	13	18	11	7	7
Mad River RC					2	1	1	2	6	2	4	7
Albemarle Amateur Radio Club	3	4	4	6	3	1	4	3	2	1	1	6
Woodbridge Wireless Inc						6	3	4	3	3	5	6
Yankee Clipper Contest Club	2		3	3	3	3	4	2	7	7	8	6
Chesapeake ARS Inc., W4CAR	10	6	8	6	9	9	11	6	2	6	8	4
RARA Contest Group	3	5	7	18	16	14	17	5	8	7	9	4
Williamsburg Area ARC	2	5	3	3	2	7	6	5	4	2		4
Kentucky CG							4	1				3
Swamp Fox Contest Club								2		2		3
Western Tidewater Radio Assoc	7	12	7	9	6	7	2	3	4	4	5	3
USS Wisconsin Radio Club												3

High Club – VA QSOs Only



High Club – VA QSOs Only



Club	No. of C/IC	QSO Points	Score
None Stated	123	13,079	1,608,717
FARA	112	14,065	1,575,280
PVRC	115	5,659	650,785
Frankford RC	105	1,501	157,605
Yardhogs	87	1,647	143,289
SMC	94	1,468	137,992
Shenandoah Valley Wireless	97	1,401	135,897
Heritage Hunt Hams	90	1,407	126,630
Olde Virginia Hams	84	1,324	111,216
Loudoun ARG	95	1,031	97,945
Alexandria RC	90	971	87,390
Tennessee Contest Group	82	956	78,392
Mad River RC	84	803	67,452
Roanoke Valley ARC	81	757	61,317
Shenandoah Valley ARC	85	690	58,650
RARA CG	84	621	52,164
Florida Contest Group	75	679	50,925
Albemarle ARC	90	564	50,760
Sterling Park ARC	87	579	50,373
Yankee Clipper CC	75	553	41,475
DDCC	68	597	40,596
Vienna Wireless Society	83	421	34,943
Swamp Fox Contest Club	79	425	33,575
Western Tidewater RA	85	384	32,640
South East Contest Club	73	430	31,390
Slovak Contest Group	72	409	29,448
Williamsburg Area ARC	71	377	26,767
Woodbridge Wireless	70	378	26,460
CDXA	67	360	24,120
Minnesota Wireless Assn	61	361	22,021

Club	No. of C/IC	QSO Points	Score
New Providence ARC	59	313	18,467
Chesapeake ARS	69	259	17,871
Hudson Valley Contesters & DX	57	278	15,846
TVDXA	62	231	14,322
VMARC	67	200	13,400
RVARC	64	204	13,056
WVDXC	57	222	12,654
Kentucky Contest Group	58	214	12,412
USS Wisconsin Radio Club	64	193	12,352
CARA	56	216	12,096
Southern California CC	52	224	11,648
Orange Park ARC	58	172	9,976
Lake Area Aamateur Radio Klub	39	234	9,126
Fort Smith Area ARC	49	170	8,330
GSBARC	52	157	8,164
SCARC	51	148	7,548
Queen City Emergency Net	45	155	6,975
Arlington ARC	47	147	6,909
Bristol (TN) ARC	46	125	5,750
Grand Mesa CC	41	139	5,699
COOKEN	49	112	5,488
CWops, Kentucky Contest Group	43	124	5,332
ARROW	37	137	5,069
The Villages ARC	34	143	4,862
Kansas City CC	40	120	4,800
CTRI Contest Group	39	119	4,641
Mount Vernon	48	94	4,512
Grand Rapids ARA	40	100	4,000
CVCC	32	122	3,904
Bergen ARA	37	102	3,774
Albemarle ARC	41	91	3,731

Plaque Recipients by Club



Club	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Alamance ARC	1		1	1	1	2	1	4	1	1		1	1			
Albemarle ARC																1
Alexandria Contest Club		1		1											1	1
AMRAD									1							
Arlington ARC			1													
CVCC	3	3	4	3	4	2	1	1			1				1	
DDCC																1
Fauquier ARA	4	5	3	4	7	7	9	5	7	7	9	9	10	10	12	12
Fluvanna County ARES									2							
Frankford RC																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	5	5	5	7	3	1
Not Awarded			2								1			1		
Ontario Contest Club	2	2														
Olde Virginia Hams												1		1		
PVRC	2	3	1							1		2	3		4	2
RARA Contest Group									3	1			1			1
Roanoke Valley ARC								1	1		1					
Rappackers Contest Group			2	3												
SCARC																1
Shenandoah Valley ARC								1				1	1		3	1
Shenandoah Valley Wireless													3	2		
South East Contest Club	1		2					1								
Sterling Park ARC					1			1				1			1	1
Vienna Wireless Society														2		
Western Tidewater Radio Assoc					2	1	1	1		1/2						
Williamsburg Area ARC				1						1						1
Woodbridge Wireless																1
The Ferguson ARC										1						
Swamp Fox Contest Club										1						
Chesapeake ARS										2-1/2		1		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 2021 VQP)

3 x New High Scores



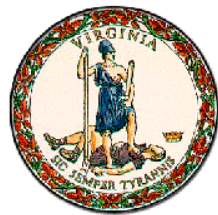
Category	Call Sign	Score	Year	Call	2021 Score
High VA Single OP High Power	N4BAA	387,466	2006	K4SO	284,088
High VA Single OP Low Power	KW4VA	389,658	2011	K1HTV	393,720
High Single OP Novice/Technician/Rookie	KM4IML	74,876	2015	W4JOT/M	14,150
High Outside VA Single OP	K1RO	124,950	2017	K9RS	58,506
High Outside VA Phone/Mixed QRP	WB2P	27,191	2014	WS2E	7,548
High VA Single-Op Phone/Mixed QRP	WA4PGM	87,440	2003	N4RP	57,570
High Single OP VHF	KK4IML	74,876	2015	AG4VA/M	24,324
High VA Club - Combined Score	FARA	2,878,846	2018	FARA	2,108,677
High VA Mobile Multiple Operator	WA4PGM	214,000	2008	N4CW	240,988
High VA Mobile Single Operator	W4GO/M	297,639	2020	W4GO/M	233,357
High Single OP CW High Power	K0ZR	293,189	2014	K4SO	284,088
High Single OP CW Low Power	N3UA	192,572	2011	K4OAQ	140,174
High Fixed Multiple Op / Single Transmitter	N4A	352,226	2008	N4HB	245,775
High Fixed Multiple Op / Multiple Transmitter	KW4VA	1,193,975	2019	KW4VA	525,320
High Single Band	KJ4ADN/M	164,810	2013	K4IA	111,228
High SO VA Counties/Independent Cities	K1RO	119	2017	K9RS	98
High DX Station	OM2VL	10,192	2020	OM2VL	30,003
High Single Op Digital Mode	K3VAT	49,440	2018	K4V (K3VAT)	36,774
High VA Single OP Phone Only High Power	W4GO/M	297,639	2020	K4CGY	114,080
High VA Single OP Phone Only Low Power	KJ4ADN/M	164,810	2013	WB4MJF	76,104
High Expedition	AI4SV	144,870	2019	KG3V/P	63,868
High VA Club – VA QSOs Only	FARA	2,368,311	2020	FARA	1,575,280
High VA QRP CW	K4ORD	45,044	2008	N4DI	20,252
High Outside-VA QRP CW	W8TM	21,482	2008	W8ANT	4,836
High Single Operator - Youth	KJ4EZA@N2VA	133,180	2016	KN4AUC	4,312
High Single Operator – VA QSOs Only	W4GO/M	297,639	2020	K1HTV	97,272
High Single Operator Young Adult	KK4BSM	45,475	2017	N/A	N/A

Multiple
Plaques

Mark, K4SO
X2

Ray, K9RS
X2
From DE

Rich, K1HTV
x2



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 Jeffers

*for promoting amateur radio activity
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2005 Virginia QSO Party



Floral Emblem
Dogwood



State Bird
Cardinal

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2006 Virginia QSO Party



State Dog
American Fox Hound

*The Sterling Park Amateur Radio Club
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State Bat
Virginia Big-Eared Bat

*for promoting amateur radio activity
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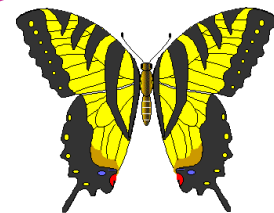
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2007 Virginia QSO Party



State Fish
Brook Trout
(adopted in 1993)



State Insect
Tiger Swallowtail Butterfly
(adopted in 1991)

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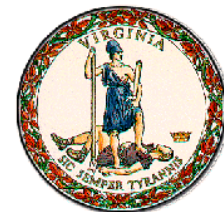
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2008 Virginia QSO Party



Chincoteague Pony

*The Sterling Park Amateur Radio Club
congratulates*



Smithfield Ham

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2009 Virginia QSO Party



Virginia Peanut



Hanover Tomato

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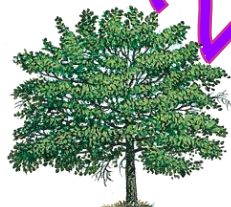
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2010 Virginia QSO Party



State Tree
Flowering Dogwood

*The Sterling Park Amateur Radio Club
congratulates*



State Shell
*Crassostrea
virginica*

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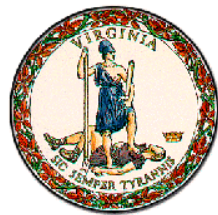
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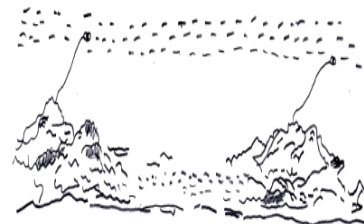


Mahlon Loomis
(1826-1886)

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
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thanks*



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

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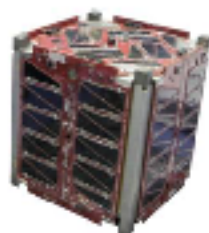
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2014 Virginia QSO Party



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)

*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
Dimwiddle
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

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

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Norton
Petersburg

Poquoson
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.

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Virginia Beach
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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.

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Roanoke
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
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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
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Loudoun Amateur Radio Group

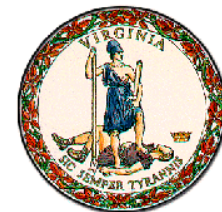


How are we doing?

Increase in No. Logs	State	Logs Red'c 2019	Logs Rec'd 2020	Logs Rec'd 2021	Rank by Logs	Licensed Ops	Party Date
48 %	CA	922	1365		1	106,978	Oct
46 %	PA	483	708		2	24,171	Oct
36 %	VA	449	613	667	3	20,343	Mar
	FL	597				42,725	Apr
68 %	WA	336	564		6	34,378	Sep
32 %	MI	384	507	434	9	21,604	Apr
30 %	TX	348	453		7	53,420	Sep
72 %	IL	260	447		8	20,023	Oct
37 %	NC	300	410	598	5	21,536	Mar
106 %	AZ	178	367			21,056	Oct
31 %	SC	242	318	454		9,767	Feb
	OH	317	663		4	28,074	Aug
	NY					27,592	Oct

We do very well!

Updated 3 June 2021



2022 Virginia QSO Party



See you on the air!

73,

Sterling Park Amateur Radio Club