



Virginia QSO Party

2022

Results & Awards Ceremony

Sterling Park Amateur Radio Club (SPARC)

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

Gordon Miller, NQ4K

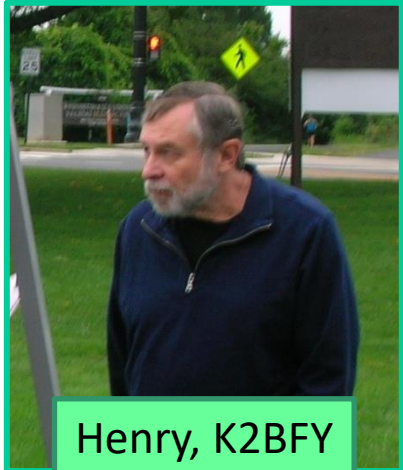


Topics



- Hams who helped and Other Topics
- Meta-Analysis of the 2022 QSO Party
- Certificates
- Plaque Awardees and Sponsors
- All Time High Scores
- Presentation of Plaques

2022 VQP Committee



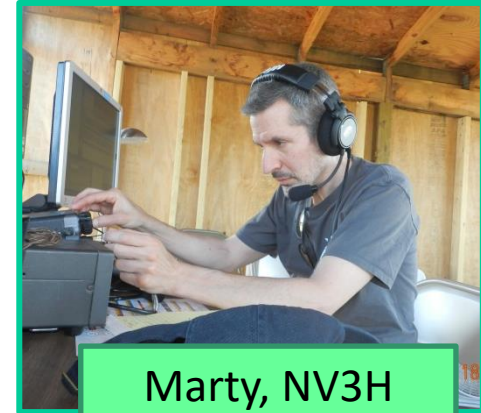
Henry, K2BFY
E-Scoring SW



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



Plaques (1 of 2)



Plaque	Sponsor
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, in memory of Joe Imburgia, KI4LXT (SK)
Virginia Mobile Multiple Operator Multiple Transmitter	Potomac eCycle LLC
Virginia Expedition	Robert Harvey, K2PI
Virginia Unlimited Expedition	Sterling Park ARC
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

New

New



Plaques (2 of 2)



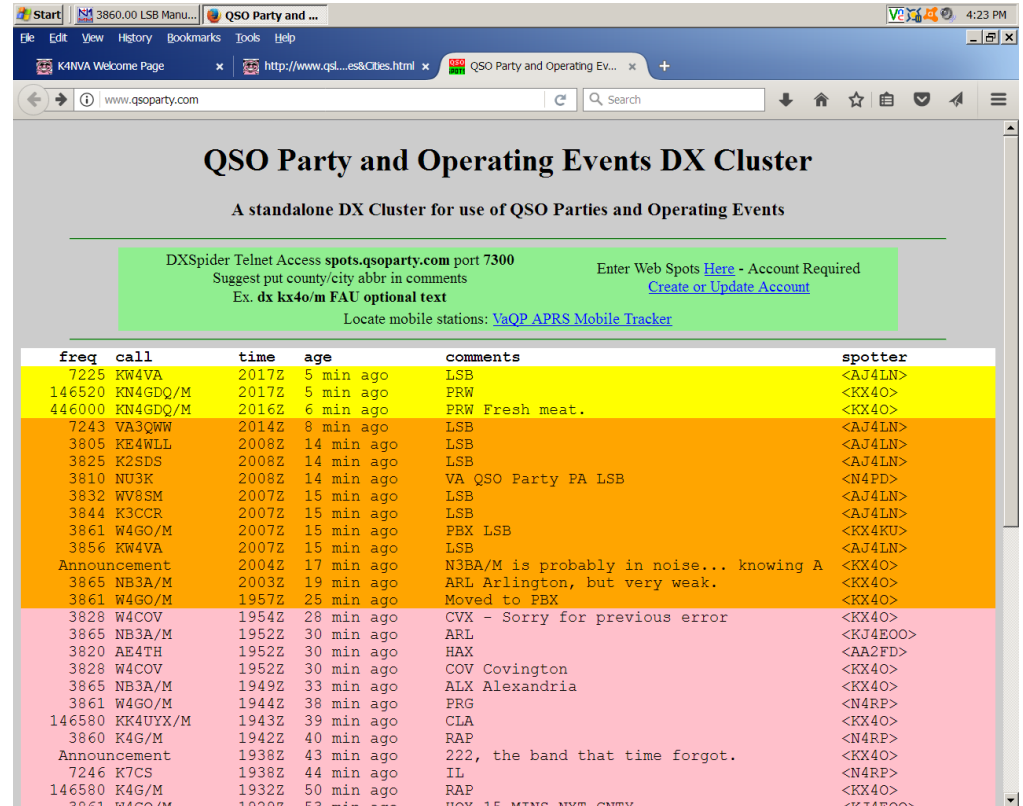
Plaques for any Single Operator Station	
Single Operator VHF Only	Richmond Amateur Telecommunications Society
Single Operator Novice/Tech/Rookie	Richmond Amateur Radio Club
Single Band	Vienna Wireless Society
Single Operator Virginia Counties/Independent Cities Contacted	Tom Zeltwanger, KG3V
Single Operator 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	Darrell Little, KI4LLA
Outside Virginia Single Operator CW QRP	Rappahannock Amateur Radio Association
DX Station	North Shenandoah DX Association

2022 VQP Significant Contributors

John, KX4O, VQP Spotting Network



John, KX4O, provides the VQP spotting network.
<http://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](#)

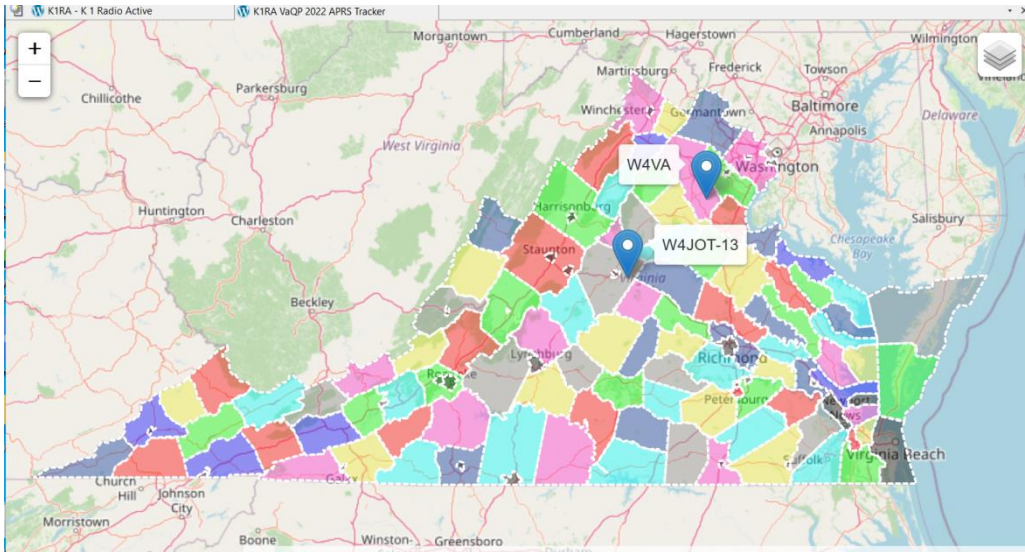
freq	call	time	age	comments	spotter
7225	KW4VA	2017Z	5 min ago	LSB	<AJ4LN>
146520	KN4GDQ/M	2017Z	5 min ago	PRW	<KX4O>
446000	KN4GDQ/M	2016Z	6 min ago	PRW Fresh meat.	<KX4O>
7243	VA3QWW	2014Z	8 min ago	LSB	<AJ4LN>
3805	KE4WLL	2008Z	14 min ago	LSB	<AJ4LN>
3825	K2SDS	2008Z	14 min ago	LSB	<AJ4LN>
3810	NU3K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

2022 VQP Significant Contributors

Andy K1RA, APRS Mobile County Tracker



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/wp-content/uploads/sites/5/vaqp-aprs//>

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

2022 VQP Significant Operations

High Virginia Mobile Multiple Operator



Bert, N4CW
Jim, W4TMO

High Virginia Mobile
Multiple Operator

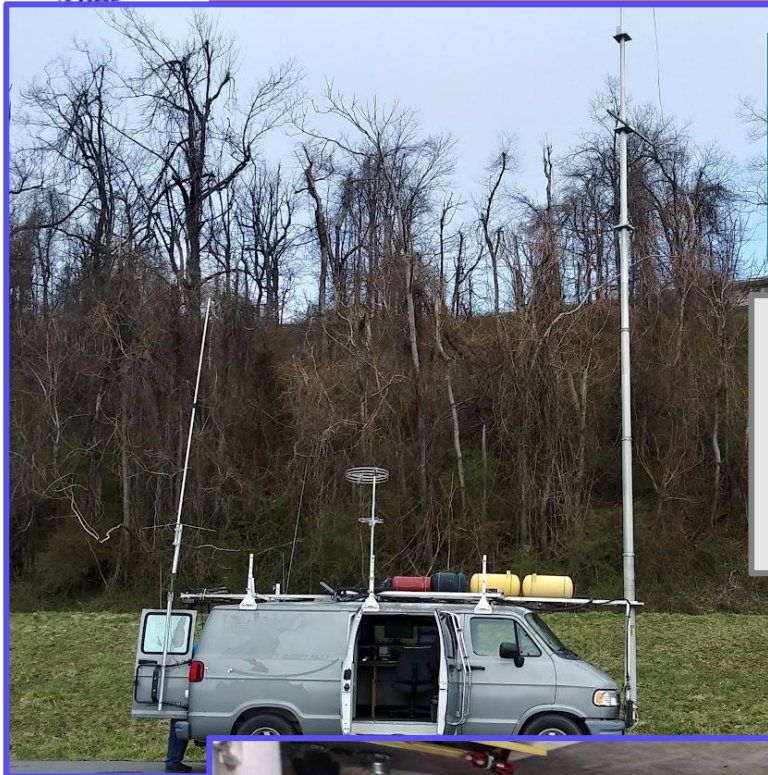
Bert (N4CW) is in the backseat operating where we stopped in Lee county. On top of the car are a Tarheel model 75 and a backup Antronic 20m whip. We hit such hard rain at one point the Tarheel developed sporadic SWR which forced us to the backup for a bit while things dried out.

That's our mascot Scooby-Do lashed to the Tarheel :) Many thanks for putting on a fun event. We had a great time.

73
Jim



2022 VQP Significant Operations High Unlimited Expedition



KW4VA
Andy, K1RA
Terry, W8ZN

QSOs	1284
C&IC	73
Score	374,556
Score VA	64,275



2022 VQP Significant Operations

High Mobile Single Operator



W4GO/M

Thanks for 1073 QSOs from 28 counties/cities!

Below is my operating site in MID where the Rappahannock River empties into the Chesapeake Bay.

Matt, W4GO, (from his website on QRZ.



The route:

RIC LAN NUM MID

MAT GLO KQN

KWM NEW JAM

WMX NNX **PQX**

YOR PQX HAX

NFX VBX POX CPX

SUX IOW SHA SUR

SUS PRG PBX HOX

CCY

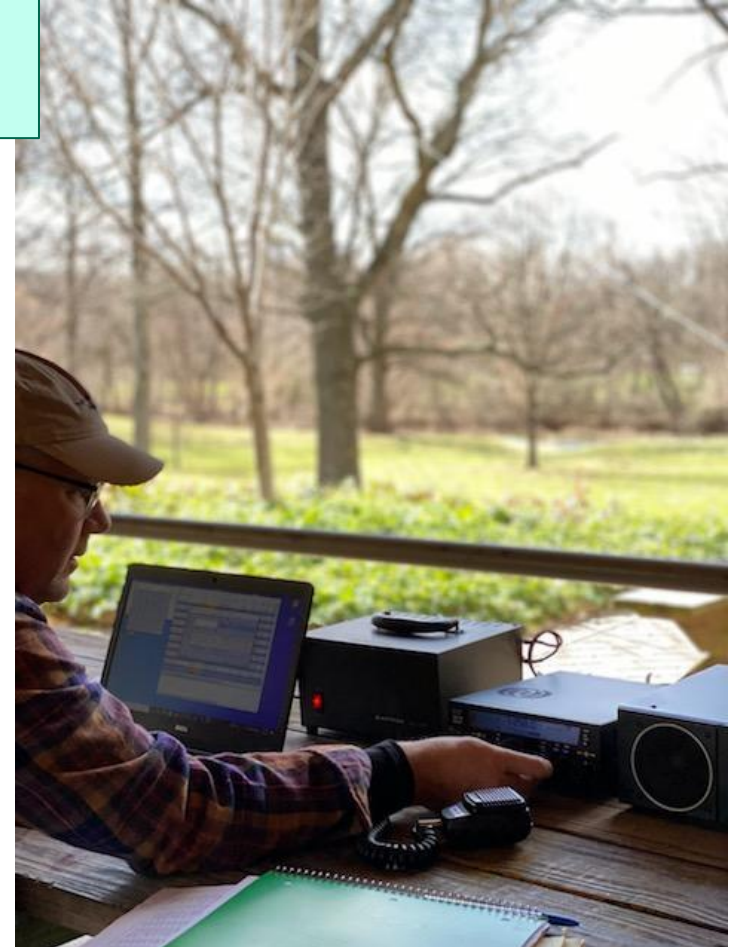
2022 VQP Significant Operations High Virginia Expedition



Steve, W4MGT
Lisa, NLY

From Raleigh, NC.

Operated in:
Albemarle
Waynesboro
Augusta



2022 VQP Significant Operations

3rd High Mobile Single Operator

(Same as last year)



KM4OZH/M

322 QSOs 50 C&IC 32,100 pts
primarily 40/80M, some 20M





2022 VQP Significant Operations

Hi DX, Hi VA C&IC, Hi SO VA Qs Only



Congratulations for organizing so nice QP! Thanks to some mobiles who was QRV also on 15/20m + resident stations I can made much more points than last year. László Végh, OM2VL, Slovak Republic

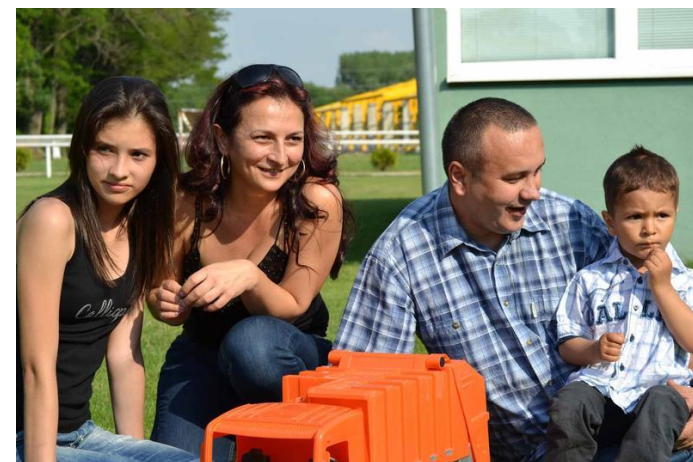
Score - 91 756 Points

Band	Mode	QSOs	Pts	Mult	Pt/Q	VIRGINIA QSO PARTY 2022 OM2VL SO HP MIXED
3,5	CW	47	104	8	2,2	
7	CW	64	153	7	2,4	
7	LSB	41	45	6	1,1	
14	CW	125	328	66	2,6	
14	USB	36	38	18	1,1	
21	CW	50	125	3	2,5	
21	USB	15	15	5	1,0	
28	CW	2	4	0	2,0	
Total	Both	380	812	113	2,1	

Score: 91 756
1 Mult = 3,4 Q's

Counties/Other - 113 mults worked of 133 possible

Worked	Expected	Spotted	Spotted (Dbl Mult)						
ACC	BOT	CVX	FRX	HIG	LEX	NFX	PRE	SCO	WAX
ALB	BRU	DAX	FRX	HOX	LSA	NHA	PRG	SHA	WES
ALL	BRX	DIC	GAX	HRY	LUN	NNX	PRW	SHE	WIS
ALX	BVX	DIN	GIL	CHA	LYX	NOT	PUL	SMY	WIX
AME	CAM	EMX	GLO	CHE	MAD	NRX	RAP	SPO	WMX
AMH	CCY	ESS	GOO	CHX	MAT	NUM	RAX	STA	WYT
APP	CLA	FAU	GRA	IOW	MAX	ORG	RBR	STX	YOR
ARL	CLN	FBX	GRN	JAM	MEC	PAG	RHM	SUR	
AUG	COX	FCX	GVL	KGE	MID	PAT	RIC	SUS	
BAT	CPX	FFX	HAL	KQN	MON	PBX	RIX	SUX	
BED	CRA	FLO	HAN	KWM	MPX	PIT	ROA	TAZ	
BHM	CRL	FLU	HAX	LAN	MOV	POW	ROX	VBX	
BCH	CUL	FRA	HBX	LDN	NEL	POX	RUS	WAR	
BLA	CUM	FRE	HCO	LEE	NEW	PQX	SAX	WAS	



QSOs 380
 C&IC 113
 Score 91,756

2021 VQP Significant Operations



Score 125,235
C&IC 62
From NJ,
Temp QTH in KWM

The VAQP turned out much better than I hoped for!

The Carolina Windom worked very well. I had set a goal of 260 contacts but made 691, although 38 of those were dupes.

I worked many on SSB on Sunday who thanked me for a new county which was one of the things I was hoping for.

Here's a picture of me at the station in my mom's detached garage.

Thanks, Mike NJ2OM





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 to 679 (in 2022)
- Be interesting next year!
 - Covid continuing to have less impact
 - State QSO Party Challenge still on



2021 Plaque Competition Counts



Plaque	2017	2018	2019	2020	2021	2022
Virginia Mobile Multiple Operator Multiple Transmitter						1
Virginia Expedition Unlimited						1
Single Operator Digital Mode	2	3	0	3	7	2
Single Operator VHF Only		18	15	22	18	2
Single Operator Youth		7	4	1	3	3
Virginia Mobile Multiple Operator	0	4	2	3	9	3
Virginia Single Operator CW QRP	3	14	3	7	4	4
Virginia Fixed Multiple Operator Multiple Transmitter	6	8	21	4	4	6
Virginia Expedition	2	3	7	4	6	6
Outside Virginia Phone/Mixed QRP		12	4	4	7	6
Virginia Fixed Multiple Operator Single Transmitter	7	11	11	8	13	7
Virginia Single Operator CW High Power		13	5	9	37	8
Outside Virginia Single Operator CW QRP	3	10	7	8	10	9
Virginia Single Operator Phone/Mixed QRP		13	10	6	6	12
DX Station		3	2	5	9	13
Virginia Single Operator CW Low Power		47	24	20	95	20
Single Operator Novice/Tech/Rookie		22	22	10	30	22
Virginia Mobile Single Operator		35	18	27	48	30
Virginia Single Operator Phone High Power		28	18	33	24	38
Virginia Single Operator High Power		79	50	66	48	47
Virginia Single Operator Phone Low Power		143	128	204	117	131
Single Band		110	91	163	154	177
Virginia Single Operator Low Power		266	188	145	225	192
Outside Virginia Single Operator		167	195	317	358	378
Single Operator Virginia Counties/Ind Cities Contacted		390	425	601	650	655
Single Operator Virginia QSOs Only		390	425	601	650	655
Single Operator Young Adult	1	1	n/a	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**

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

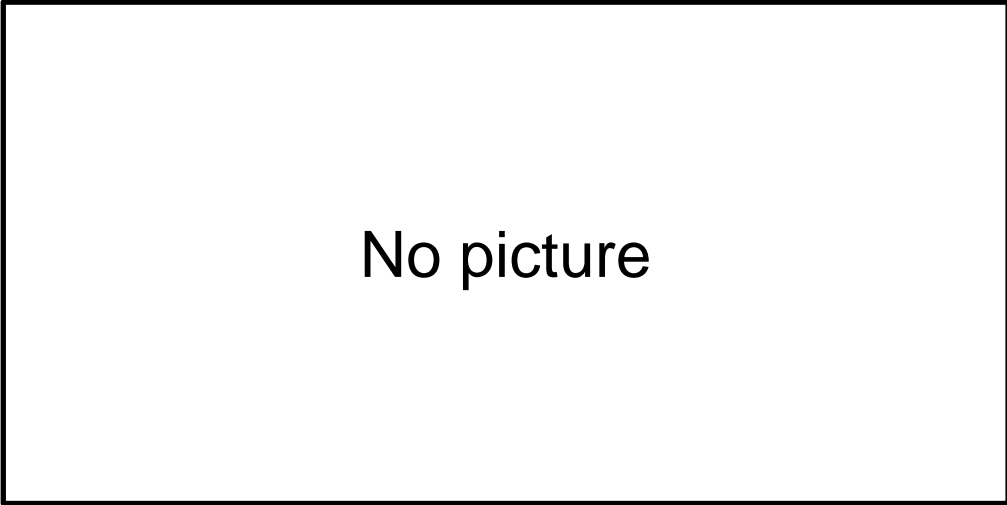
QTH	No. logs last 2 yrs	No. logs last 5 yrs
AME	0	0
APP	0	0
BCH	0	0
BLA	0	0
BRU	0	0
BVX	0	0
CHA	0	0
CRA	0	0
DIC	0	0
DIN	0	0
FRX	0	0
GAX	0	0
GRA	0	0
HRY	0	0
LEE	0	0

QTH	No. logs last 2 yrs	No. logs last 5 yrs
LUN	0	0
MEC	0	0
MPX	0	0
MVX	0	0
NEW	0	0
NOT	0	0
NRX	0	0
PBX	0	0
PIT	0	0
RAP	0	0
RAX	0	0
SCO	0	0
SUS	0	0
TAZ	0	0
WIS	0	0

QTH	No. logs last 2 yrs	No. logs last 5 yrs
WMX	0	0
CCY	0	1
CLN	0	1
GOO	0	1
LEX	0	1
PRE	0	1
PRG	0	1
RIX	0	1
RUS	0	1
SHA	0	1
SMY	0	1
BHM	1	1
COX	1	1
DAX	1	1
ESS	1	1



2022 Pre-Party Presentations












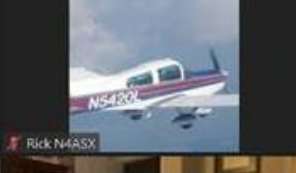













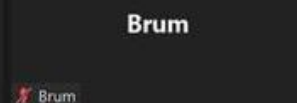



Presentation by John, KX4O

Old Virginia Hams
18 January 2022

2022 Pre-Party Presentations



 Richard KW4UJ	 Gordon, NQ4K	 Carol KN4LLL	 Ian N8IK	 Harry Jones
 Rich K4DGFY	 Wilson KM4KX	 Ryan, KO4EBY	 Ted Royster N4JOG	 KC3A00 Bjorn
 Don K14D	Joe I	 Rick N4ASX	 Ed, W4EDF	 Steve W8RUH
Jack York KE7VOU	 Erik Misavage (K14BXJ)	 Jason Palma, WA6MPR	 Ted - W9TCE	 Gary Niki-KC7TNU
 Shawn P. Stokes KA3RQR	Corey (KN4YZY)	 Sean K4KBK	 Todd KO4UJH	 Cameron VA7CM1
Gary - KC5QCN	 Jasper KO4QCB	Scott KM4RDR	Brum	alexkarman
 Gary - KC5QCN		 Scott KM4RDR	 Brum	 alexkarman

Alexandria Radio Club
 11 February 2022



2022 Pre-Party Presentations

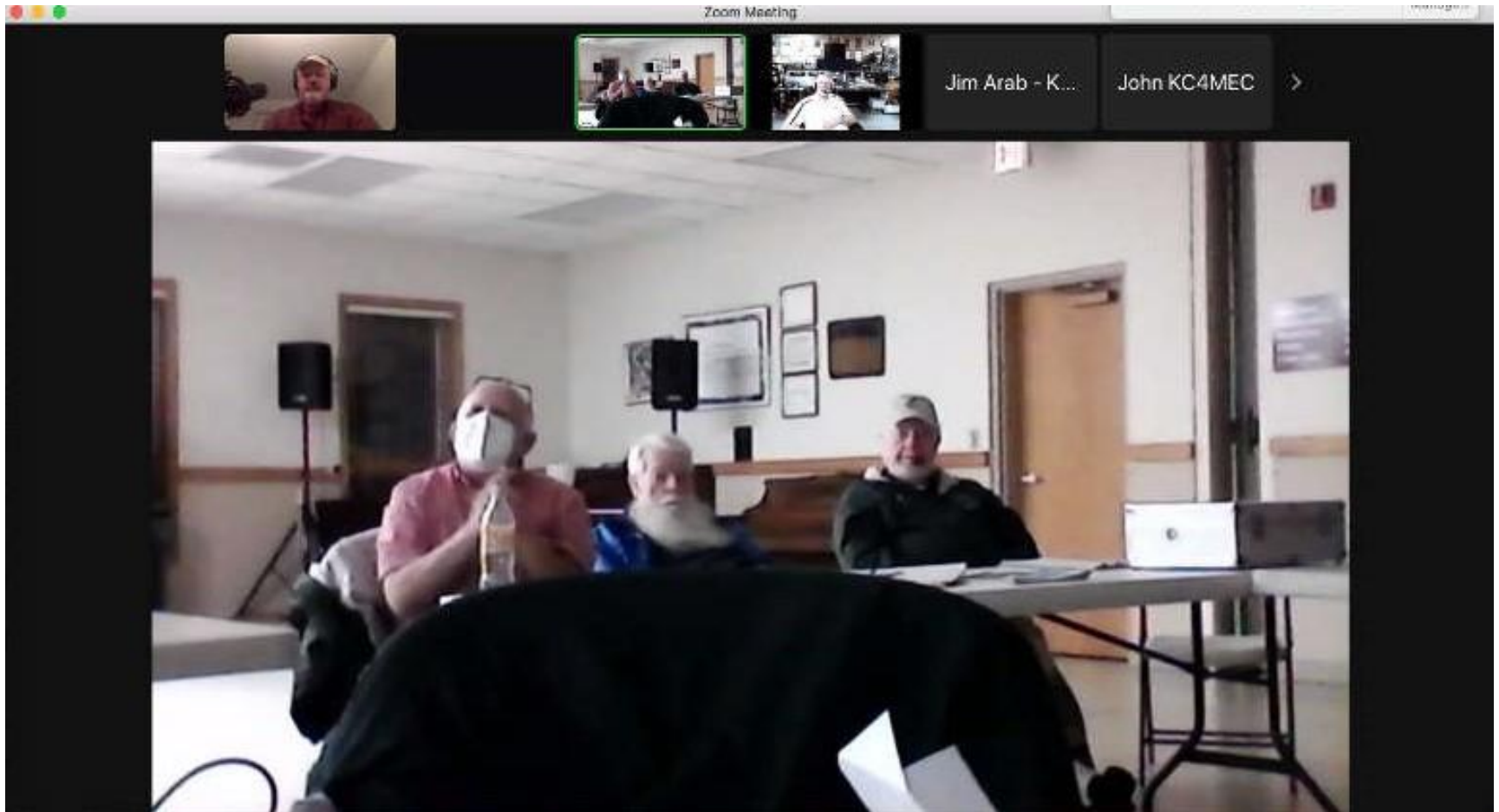


No picture

Presentation by John, KX4O

Shenandoah Valley Amateur Radio Club
17 February 2022

2022 Pre-Party Presentations



Presentation by John, KX4O

Virginia Beach Amateur Radio Club
3 March 2022

2022 Paper Log Scoring Party



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

Paper logs almost gone.
Expect a few to remain.

No scoring party held.

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



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 VQP Analysis of Top Scorers in 4 single-transmitter categories



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

Low power beat high power again.

K1HTV
* High VA Mobile QSOs
* Drives up county mults

W4GO
* Highest # QSOs
* Lowest QSO Pts
Low CW count

N4CW

Highest QSO Pts

But lowest Mults

High 10 QSO mult rule



2022 VQP Analysis of Top Scorers

Top Single Operator



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

Low power beat high power again.

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

K1HTV
 • High number of countries drives up Total Mults

K4IA & K2KW
 • More phone QSOs and VA Mobiles lowers QSO points



2022 VQP Analysis of Top Scorers

Top Multiple Operators



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

W4VA
Really high
QSO count

W4VA
Really high VA
County count

W4VA
Really high
score

Interesting Topic 1

Additional Mobile Plaque



Virginia Mobile Multiple Operator Multiple Transmitter

- Recommended by Justin, NB3A.
- Additional plaque recognizes large number of mobiles
 - Which enables our county coverage
- Mobile configurations

Plaque	No. of Operators	No. of Transmitters (on the air at a time)
Mobile Single Op	1	1
Mobile Multiple Op (e.g., op and driver)	2 or more	1
Mobile Multiple Op Multi-Trans	2 or more	2 or more

Interesting Topic 2 (pg 1 of 3)

What is an Expedition?



Expedition - One or more operators of a station that moves between two or more Virginia locations during the course of the contest. All equipment, power supplies and antennas must be transported to each operating site.

Implied is

Not capable of moving during operation.

Antenna mounted in tree

Portable equipment on table

Assume not operational while moving.

Mobile - Single or Multiple individuals operating Mobile under a single call sign with only one transmitter on the air at a time. A mobile station is self-contained and capable of legal motion (land, water or air) while operating. Motion is optional, and discouraged, during operation.

Implied is

Always capable of moving



Interesting Topic 2 (pg 2 of 3)

What is an Expedition?



**Mobile
or
Expedition**



Interesting Topic 2 (pg 3 of 3)

What is an Expedition?



What is it called when?

- Not capable of moving in extended configuration
- Capable of moving and operating when in non-extended configuration

DISCUSSION

Our rules are unclear on this issue

- MI and OH allow QSOs between QTHs
- PA and KS do not allow QSOs between QTHs

13-1/2 ft is max height of vehicle for legal operation on road.

For this year we called it “UNLIMITED EXPEDITION”

Rethink for next year

Interesting Topic 3

What is a Virginia Club?



- Simple answer: a club that is entirely or mostly in Virginia
- Potomac Valley Amateur Radio Club (PVRC)

Location	No. of Logs
Virginia	25
Massachusetts	1
Maryland	14
Maine	1
North Carolina	7
Pennsylvania	1
West Virginia	1
Total	50

Half of the logs are not from Virginia

A few are far away.

- Decision: Consider PVRC a regional club and divide logs by state.
- Rethink for 2023



2022 Virginia QSO Party

Log Metadata Analysis and QSO Analysis

Log MetaData



Year	No. of logs
2022	679
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.

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

Advanced licenses continue to exist.

Log MetaData



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

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

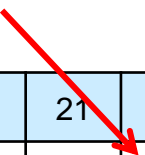
High is W4VA (multi-multi) with 8 operators

Log MetaData



Distribution between modes is about same.

CW remains strong - 25%



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



Log MetaData



Most hams use low power.

Power	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
Hi-Low	15 5	260	330															
High				73	80	66	73	63	67	63	51	75	68	92	92	151	143	150
Low				238	263	248	256	272	287	285	285	308	311	290	331	437	497	497
QRP	15	19	23	25	21	25	29	21	32	31	39	30	20	27	26	25	27	32

Mobiles dropped after increase last year.

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



Log MetaData



# Ops	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
1	263	333	315	350	318	337	339	374	369	359	395	386	390	426	601	650	655
2	8	7	15	6	9	6	5	6	3	6	8	6	12	10	9	12	14
3		4	2	3	4	4	3	2	2	4	5	2	1		1	1	2
4	5	4	1	1	2	3	2	1	2	3	2	2	1	3	1	2	2
5	1	1				1	1		1	1		1	1	4		1	5
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		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	

W4VA



Log QTHs



45 % logs
from Virginia

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

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



Log QTHs DX

13 DX Logs



DX QTH	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
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					1
France										2						1	1	
Germany	1	1		2	1	1	1		1	1	1	1	1	1		1	1	2
Hungary	1				1	1											1	1
Ireland										1								
Italy		1		1									1	1			1	1
Jamaica							1											
Japan				1				1										
Lithuania					1	1	1			1	1				1			2
Netherlands	1	1	1	1	1	1	1											
Norway																		2
Paraguay					1													
Poland					2	1	2	1	2	1			1			1	1	2
Portugal		1	1	1	1	1												
Russia												1						
Slovak Republic										1					1	1	1	1
Spain			1									1		1		1	1	
Sweden						2				3		1						
Switzerland																		1
Ukraine			1		1													
West Indies								1										



5 or more in GREEN

Logs from US and Canada (1 of 3)

39 states
5 provinces

QTH	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
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	6
AR		1				1				1		1	1	2	3		3	2
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	11
CO		2	2				1		1		1	1	1	1	1	2	2	4
CT			1		2	1			4	1	2	2	2			2	4	3
DE		1	1		1	2		2	1	1	1	1	1		4		3	4
FL	3	7	6	7	8	5	9	9	7	7	9	4	7	4	5	13	17	16
GA	2	6	4	4	3	3		1	4	2	2	3	7	7	8	15	14	15
IA	1		1	1					1	1				2	2	1	2	3
ID				1					1	1	1	2	1	1			1	
IL	1	3	2	4	4	5	3	2	2	5	2	5	8	9	7	16	13	12
IN	1	4	3	2	2	1	1	3	1	2	1	1		1	6	10	10	8
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	6
LA	1	1		1	1	1		2			2		1		3	2	4	6
MA												9		5	6	7	6	12

Logs from US and Canada (2 of 3)



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

Logs from US and Canada (3 of 3)



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

Logs from VA (1 of 4)

Logs from 80 C&IC
Up 3 from last year



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

Logs from VA (3 of 4)



QTH	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
LDN	14	20	15	13	18	22	24	21	22	20	10	16	14	12	13	11	10	13
LEE					1													
LEX														1				
LSA			1	1		2			1	2	2	1	2	2	3	1	1	1
LUN																		
LYX			3	1			1	1	1	1	1	1	1	1	2	2	2	2
MAD			1	1	1								1	1				1
MAT					1		1	1	2	1	1	1	2	2		1	1	
MAX			1							1				1	1	1	2	
MEC		1										1						
MID				1														2
Mobile	24	55	39	37	47	43	39	40	45	30	39	42	25	38	20			35
MON	1	1	1	3		2	2	3	2	1	3	2	1	2	2	2	4	4
MPX									1			1						
MXV			1						1		1		1					
NEL		1	1	1	1			1	1								1	1
NEW			1	1				1	1	1								
NFX			2	1	2	3	2	3	2	2	2	1	1		2	1	2	3
NHA																		1
NNX							1	1	2	3	2	2	2	2	1	1		1
NOT																		
NRX					1													
NUM	2	2	2	3	1	3	5	7	9	9	7	6	6	4	5	6	3	4
ORG					1	2	4	2	4	3	2	3	2	2	2	3	1	2
PAG	1	2	2	1	1	1	1	1	2	3	3	3				2	2	3
PAT											1					1		1
PBX																		
PIT	2		1		1	3	2											
POW		1	1	2	2	1					1					1	1	2
POX	1	1		2		1		1	1	1		2		2	1	2	1	3
PQX														1	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	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	22
PUL		1										1		1		1	2	1
RAP									1									
RAX									1		1		1					
RBR									1	1	1		1	2	1	1	1	1
RHM			1	1	1	1	2	1	2	3	2	2	1	1	2	3	2	5
RIC	1																	1
RIX			2		1	1								1				
ROA	2	1	4	6	1	2	5	1	1	2	3	3	3	2	6	4	8	9
ROX						1	1	1		1					1	3		2
RUS			1		1	1	1			1	1	1	1	1				
SAX			1	2	1	2	2	2	1	1		2		1	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	8	
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	1
STX							1						1			1	1	
SUR					1	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	5
TAZ					1							2	1					
VBX		7	6	6	6	4	3	4	6	4	5	9	4	4	4	3	5	8
WAR	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2
WAS											1	1	1	2	1	1	1	1
WAX	1		1	1	1	1	1	1	2	3	1	2	1	1			1	1
WES		1	1			1								1		2	2	2
WIS			1	2	3	2	4											
WIX			4	3		1	2	4	3	2	1	2	2	2	3	3	2	4
WMX	1			1	1	1	1	2	1	2	1							
WYT					1		1			1	1	1	2	1	1		2	2
YOR			2	2	1	1	1	1		1	1	1	1	2	3	2		3

Logging Programs

Logging programs with 3 or more users.

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

N1MM and N3FJP remain most popular.

WA7BNM Web2Cab becoming useful, probably to casual operators.

Paper logs are few but remain.



QSO Analysis



Measure	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
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	116, 366
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%	33%
States Contacted		50	50	50	50	50	50	50	50	50	50	50		48	50	50	50	50
Provinces Contacted		10	10	14	11	12	12	12	11	12	12	13	10	10	13	11	11	11
DX Entities	~41	68	112	118		119				4%	1%	2%	2%	2%	2%	1%	1%	13
C&C Not Activated	17	7	6	2	1	3	5	5	4	3	0	3	2	4	1	1	2	0
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	11,949 FAU



QSO Analysis

Missing C&IC by Year



C&IC	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
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	2022
CW	9,660	13,137	8,553	12,452	12,108	8,392	10,607	8,100	10,518	12,920	19,727	23,634	33,646
DG	885	1,308	543	600	274	150	709	183	970	294	568	463	650
PH	35,927	39,276	35,692	37,768	39,417	37,250	38,334	31,656	30,204	31,681	41,439	39,699	49,387
Grand Total	46,472	53,721	44,788	50,820	51,799	45,792	49,660	39,939	41,699	44,895	61,734	63,796	83,683

Overall increase by 32 %

CW increased by 42 %

Phone increased by 24 %

Digital increased by 40 %

Digital is very low!



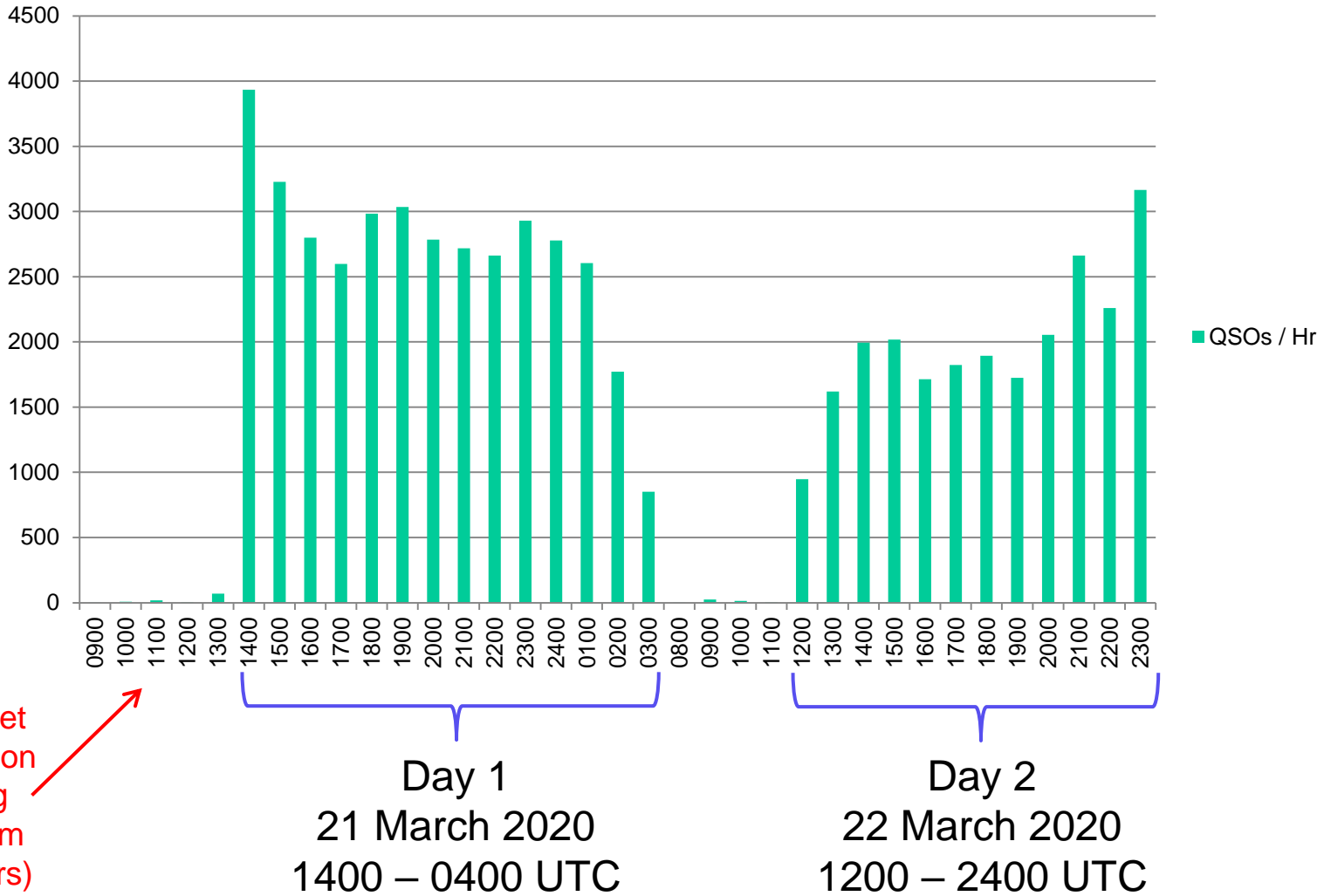
Band QSOs



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

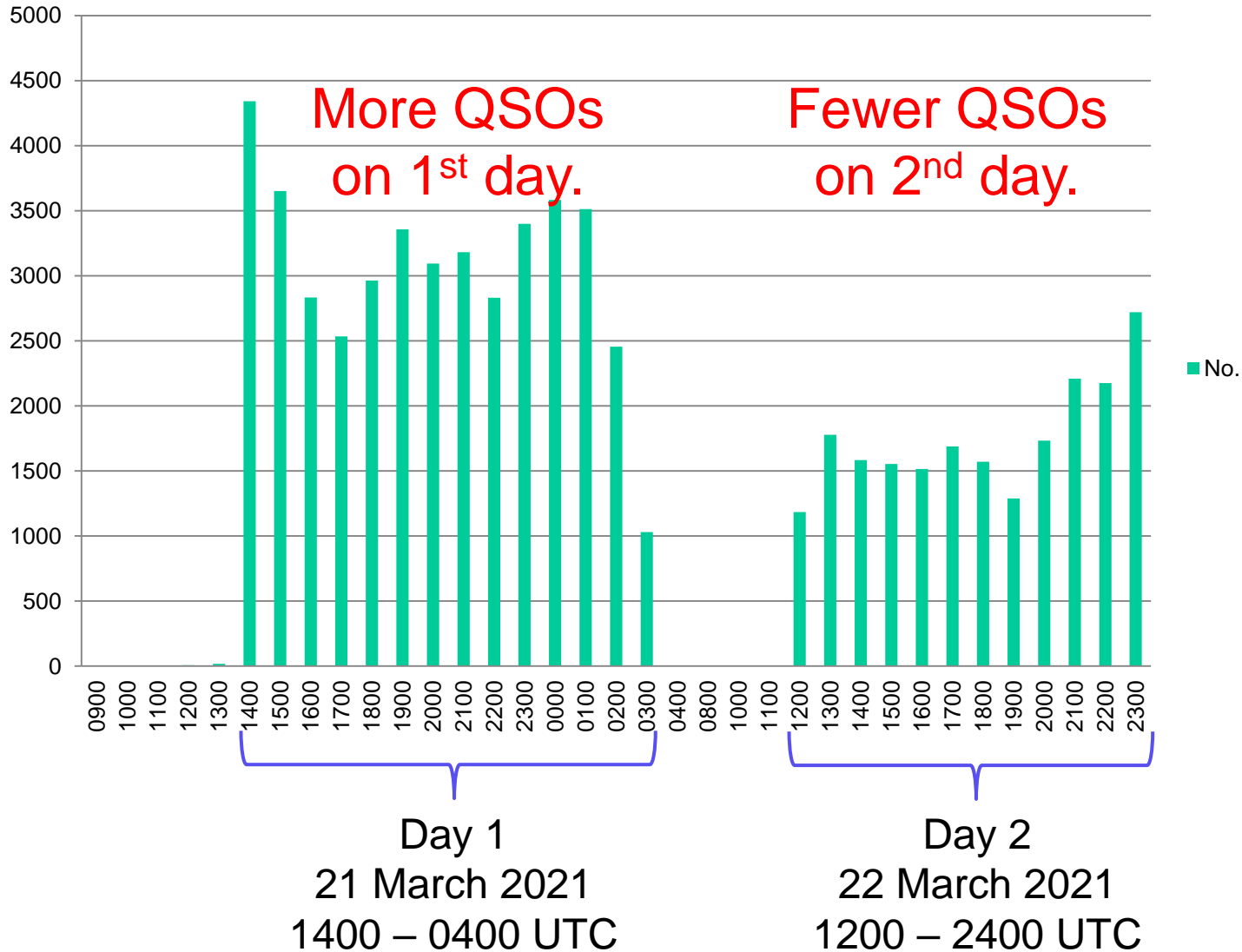
Shift
from 80M
to 40M
To 20M

2020 VQP QSOs reported per Hour



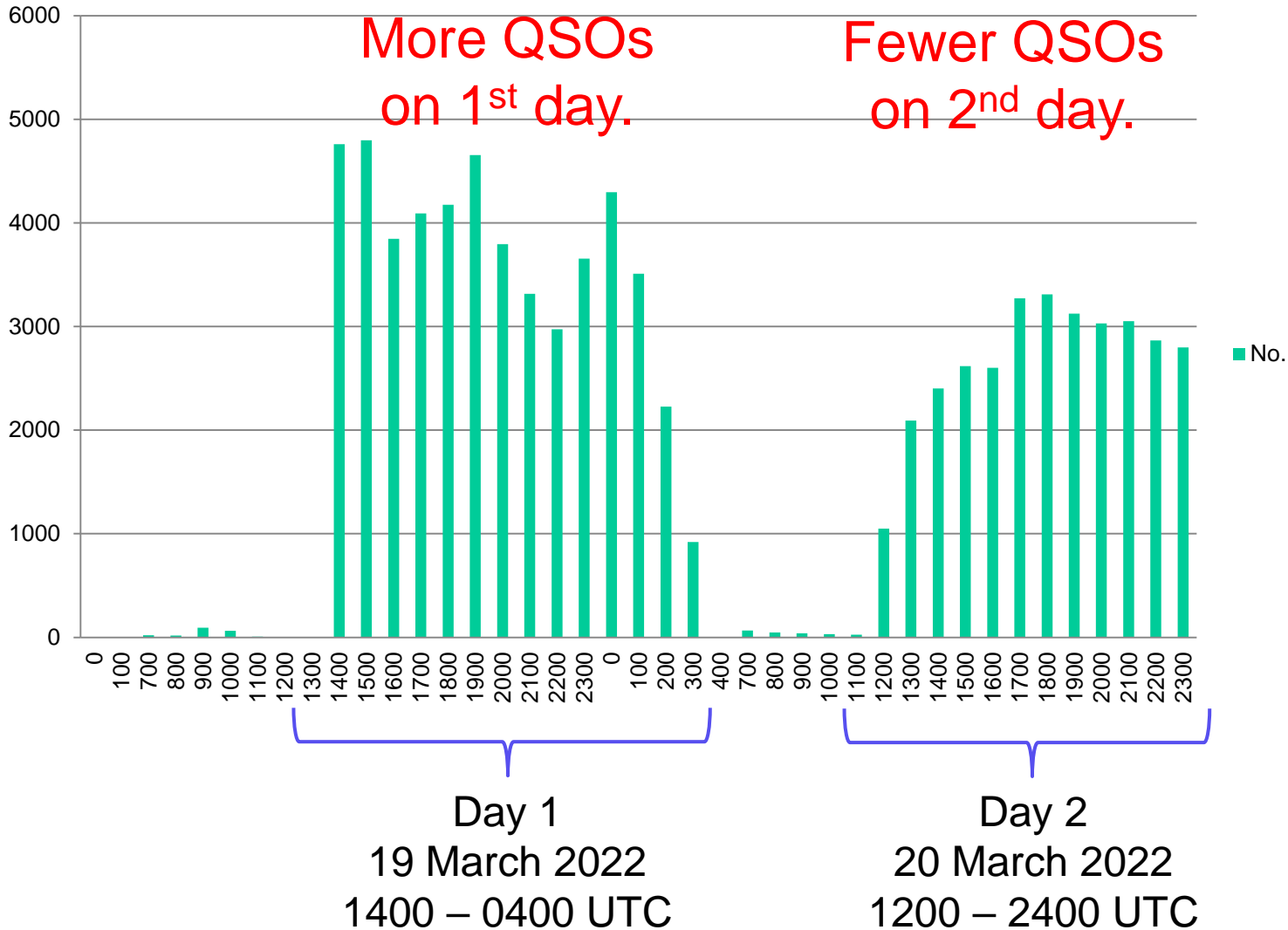
2021 VQP

QSOs reported per Hour



2022 VQP

QSOs reported per Hour



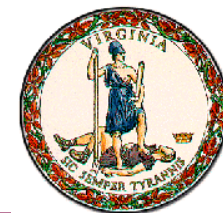


GREEN: 5 QTHs more than 2,000

QSO Analysis

Contacts in Counties and Independent Cities

(1 of 6)



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



GREEN: 5 Loc more than 2,000

QSO Analysis

Contacts in Counties and Independent Cities (2 of 6)



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



GREEN: 5 Loc more than 2,000

QSO Analysis

Contacts in Counties and Independent Cities

(3 of 6)



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



GREEN: 5 Loc more than 2,000

QSO Analysis

Contacts in Counties and Independent Cities (4 of 6)



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



GREEN: 5 Loc more than 2,000

QSO Analysis

Contacts in Counties and Independent Cities (5 of 6)



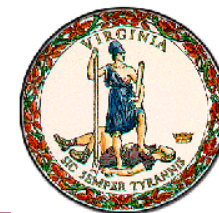
C&IC	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Nottoway	25	61	0	27	28	2	0	0	75	30	212	127	96	65	87	68	23	259
Orange	9	40	175	124	500	681	284	1186	1501	1165	794	1279	831	745	971	1948	1096	1433
Page	286	825	1237	910	755	627	839	778	1035	1137	1055	842	327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



GREEN: 5 Loc more than 2,000

QSO Analysis

Contacts in Counties and Independent Cities (6 of 6)



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



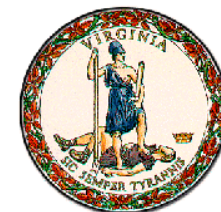
Counties and Independent Cities Activated



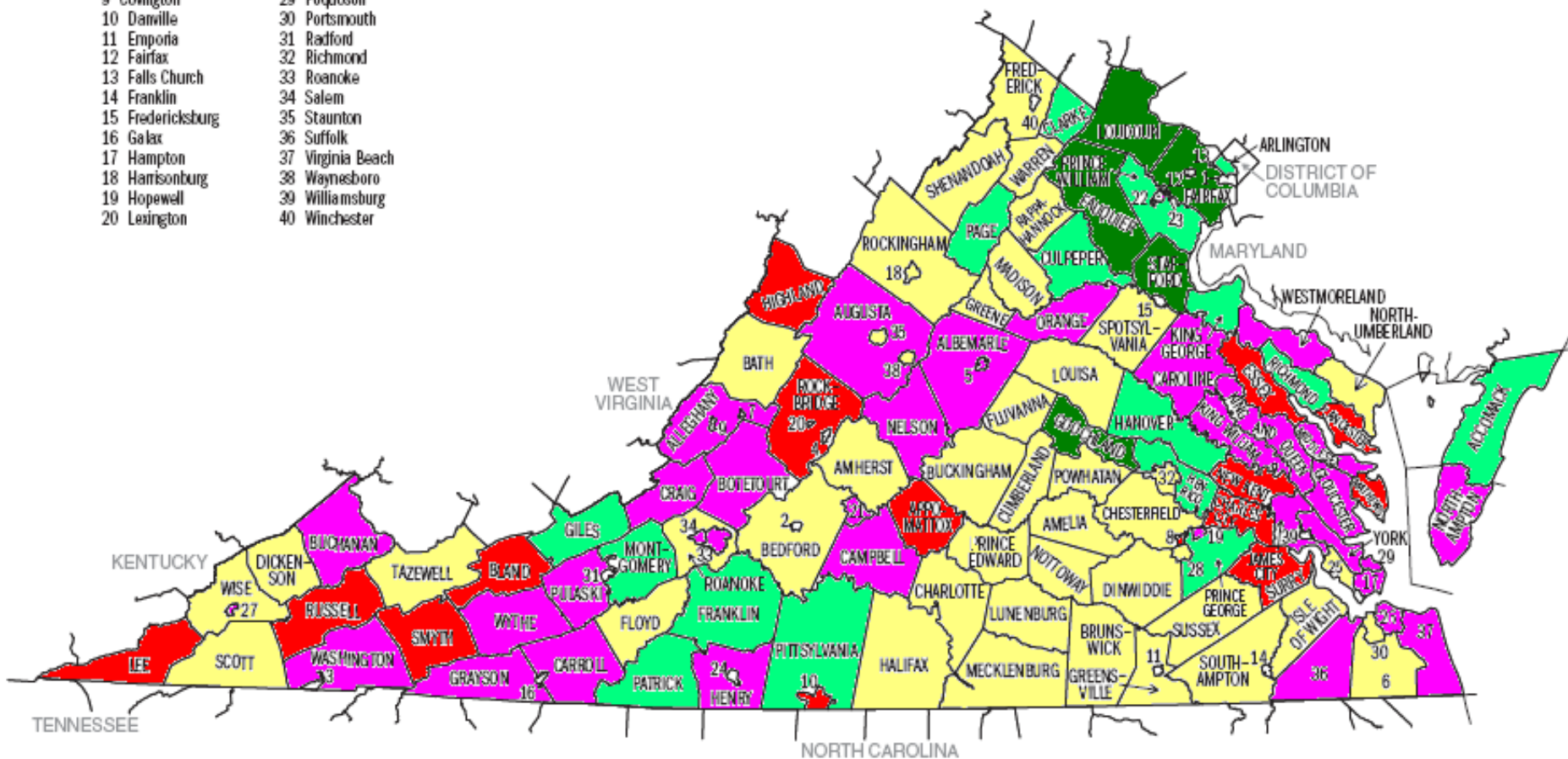
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1-10	38	24	20	7	8	18	6	15	8	18	3	13	14	9	11	8	12	3
11-100	55	55	45	58	51	39	41	36	40	31	27	34	48	39	34	26	33	32
101-1000	18	37	48	56	64	60	64	61	62	61	85	62	55	70	71	71	59	63
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Mobiles and Expeditions did exceptionally well!

2005 QSO Contact Analysis



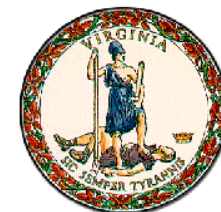
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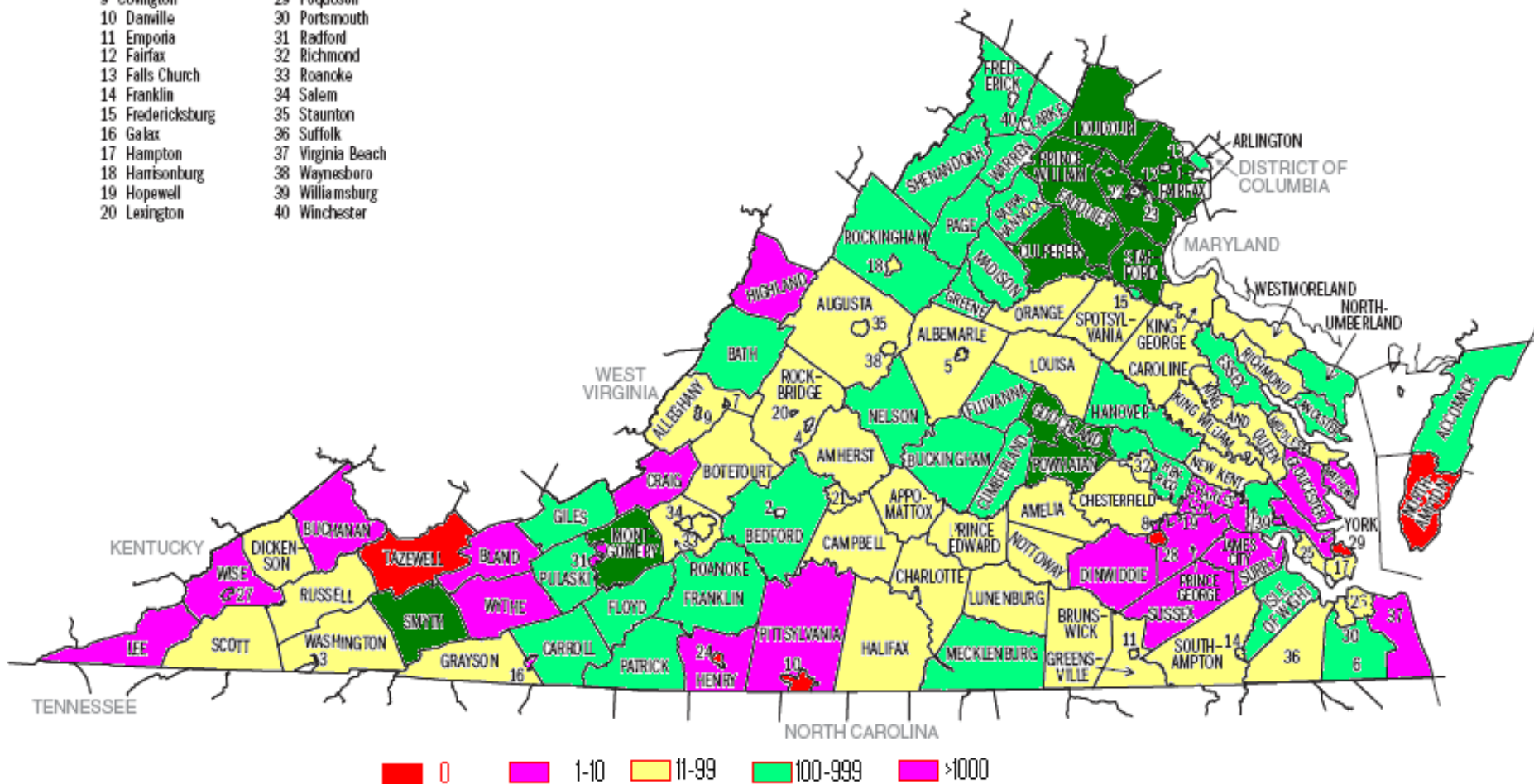
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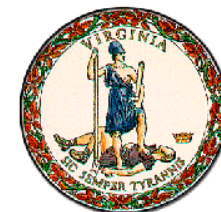
2006 QSO Contact Analysis



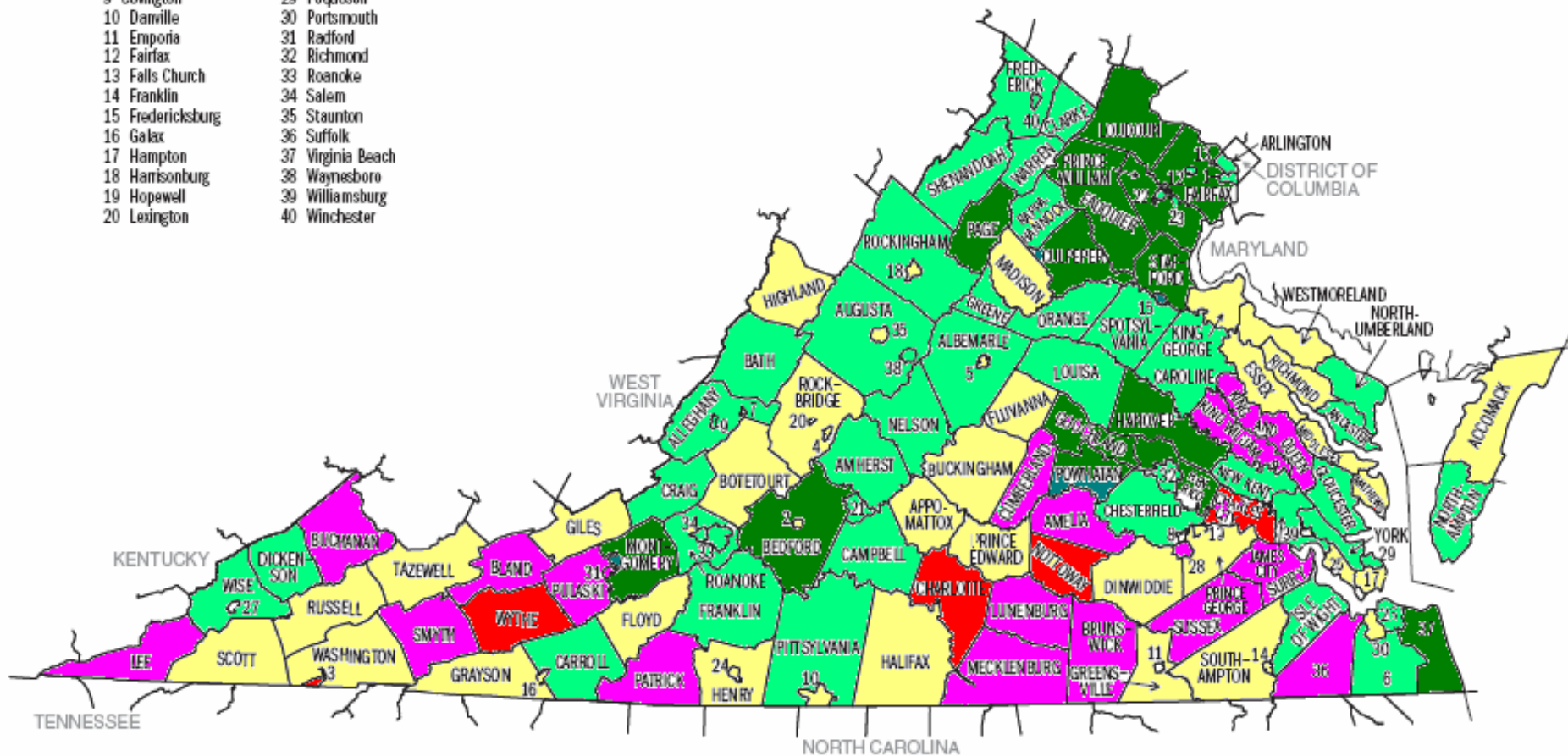
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2007 QSO Contact Analysis

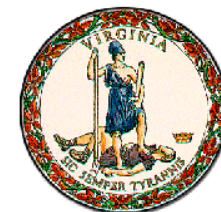


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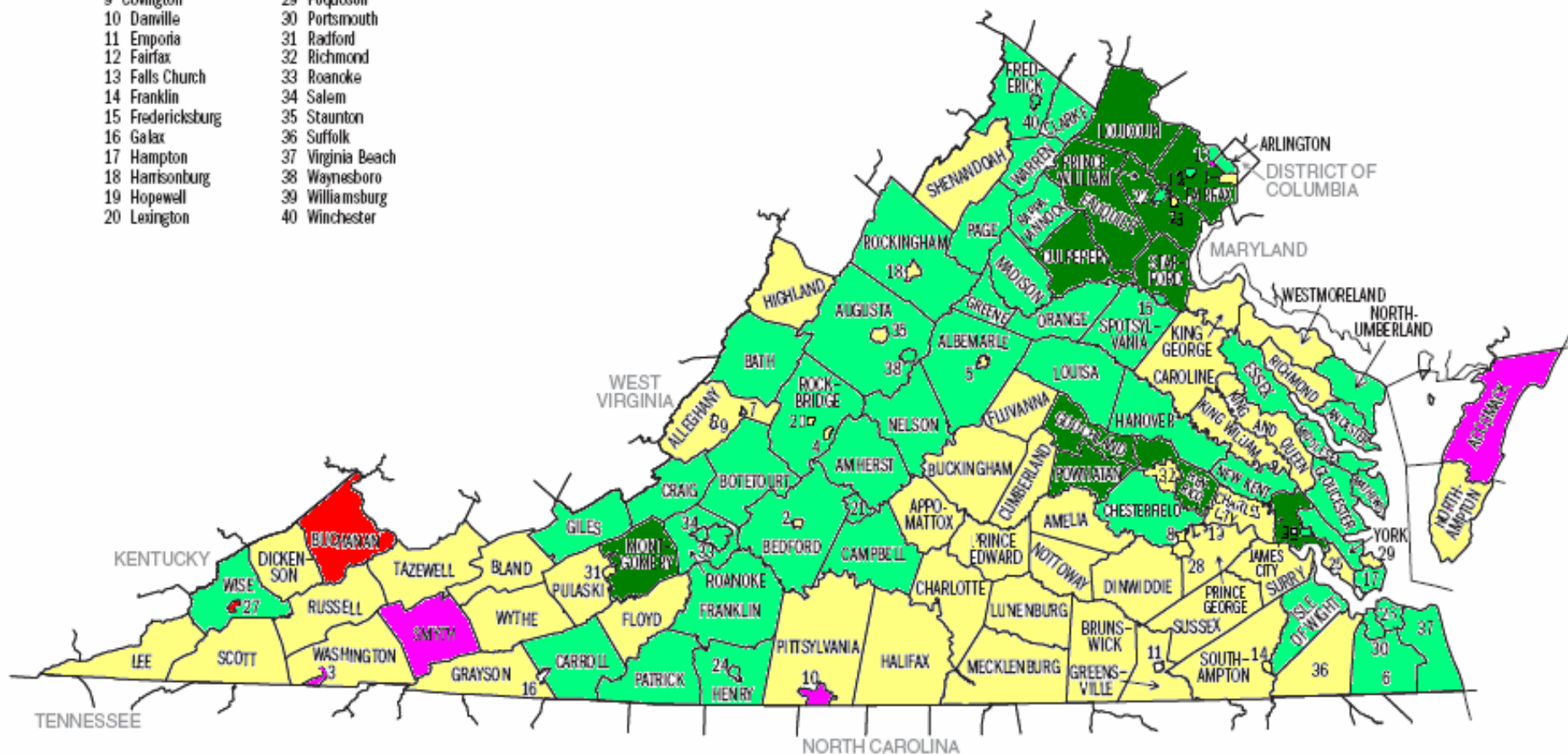


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2008 QSO Contact Analysis

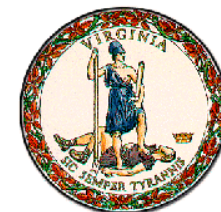


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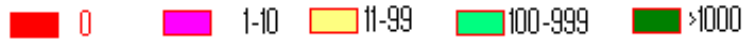
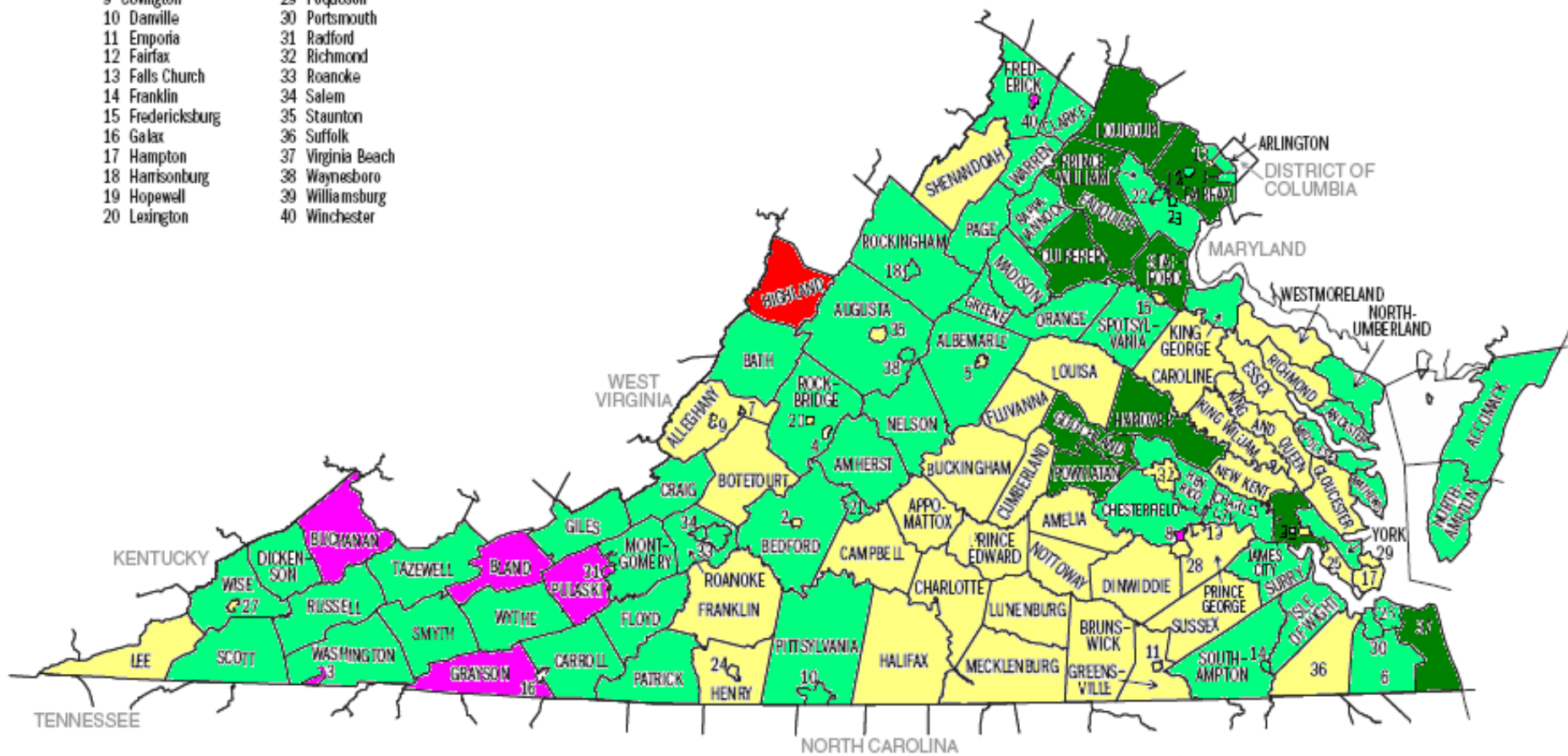


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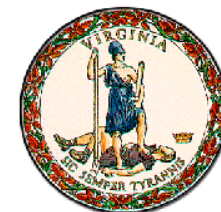
2009 QSO Contact Analysis



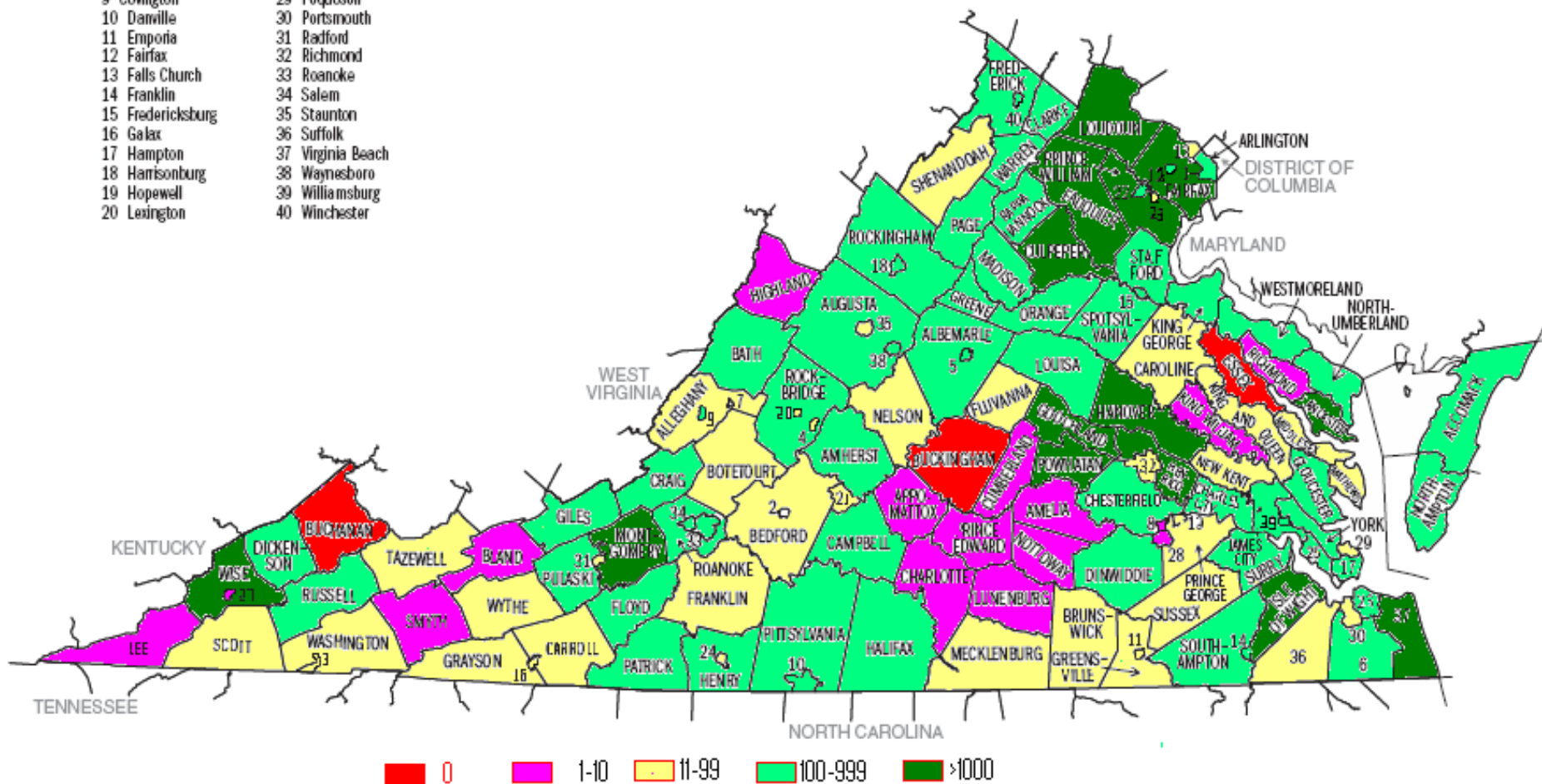
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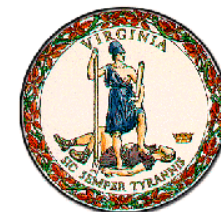
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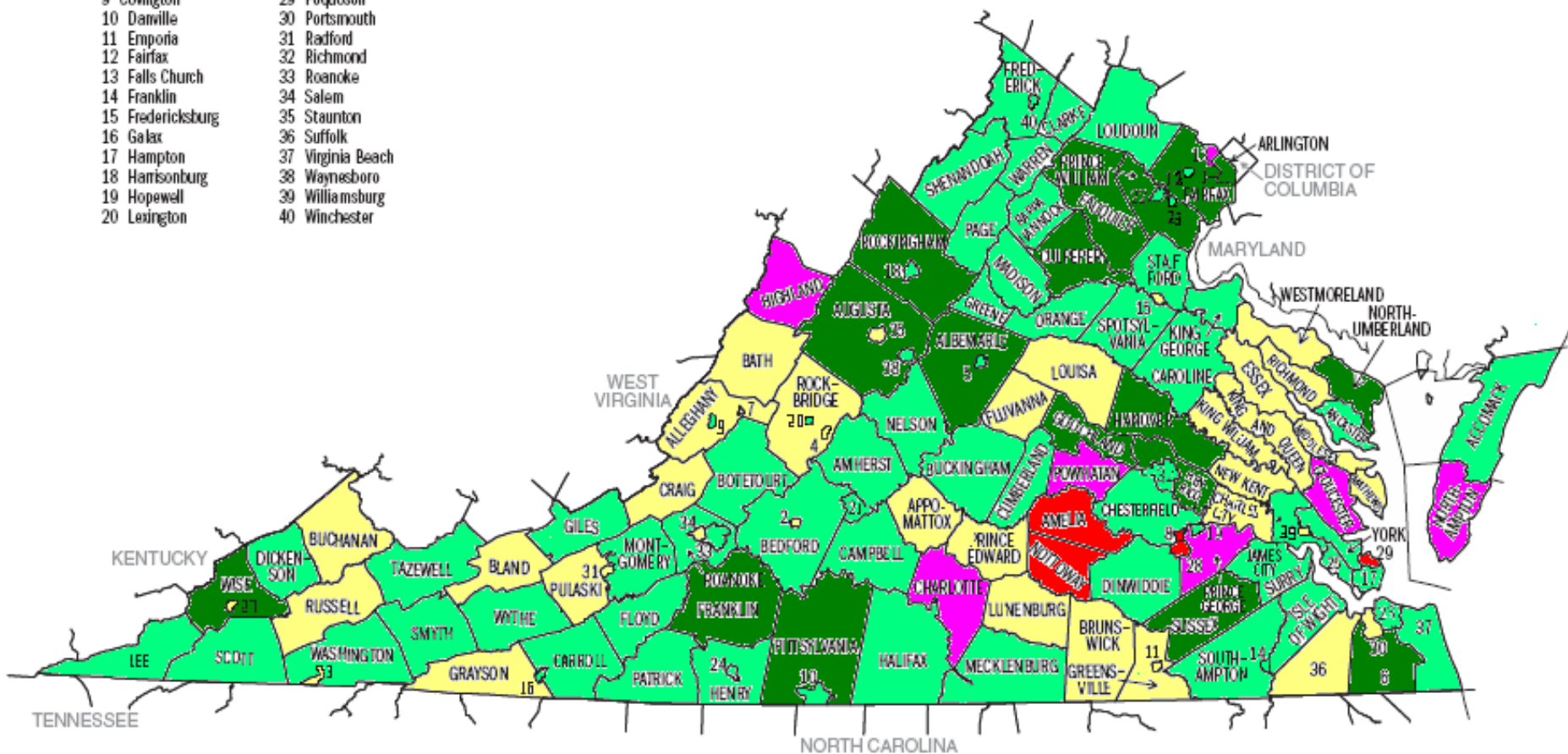
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2011 QSO Contact Analysis



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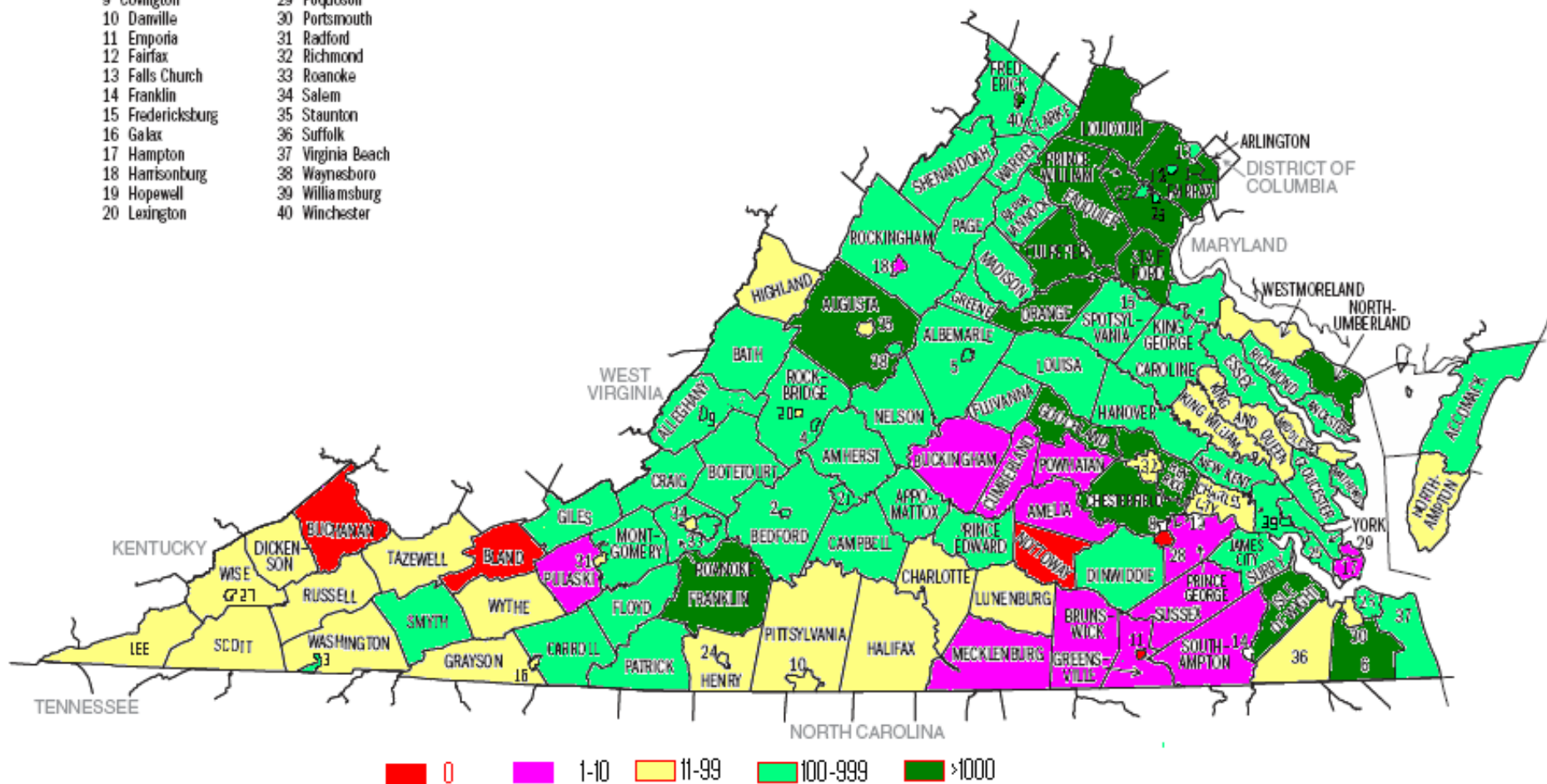


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2012 QSO Contact Analysis

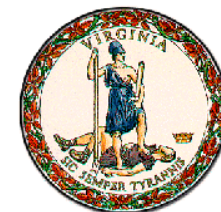


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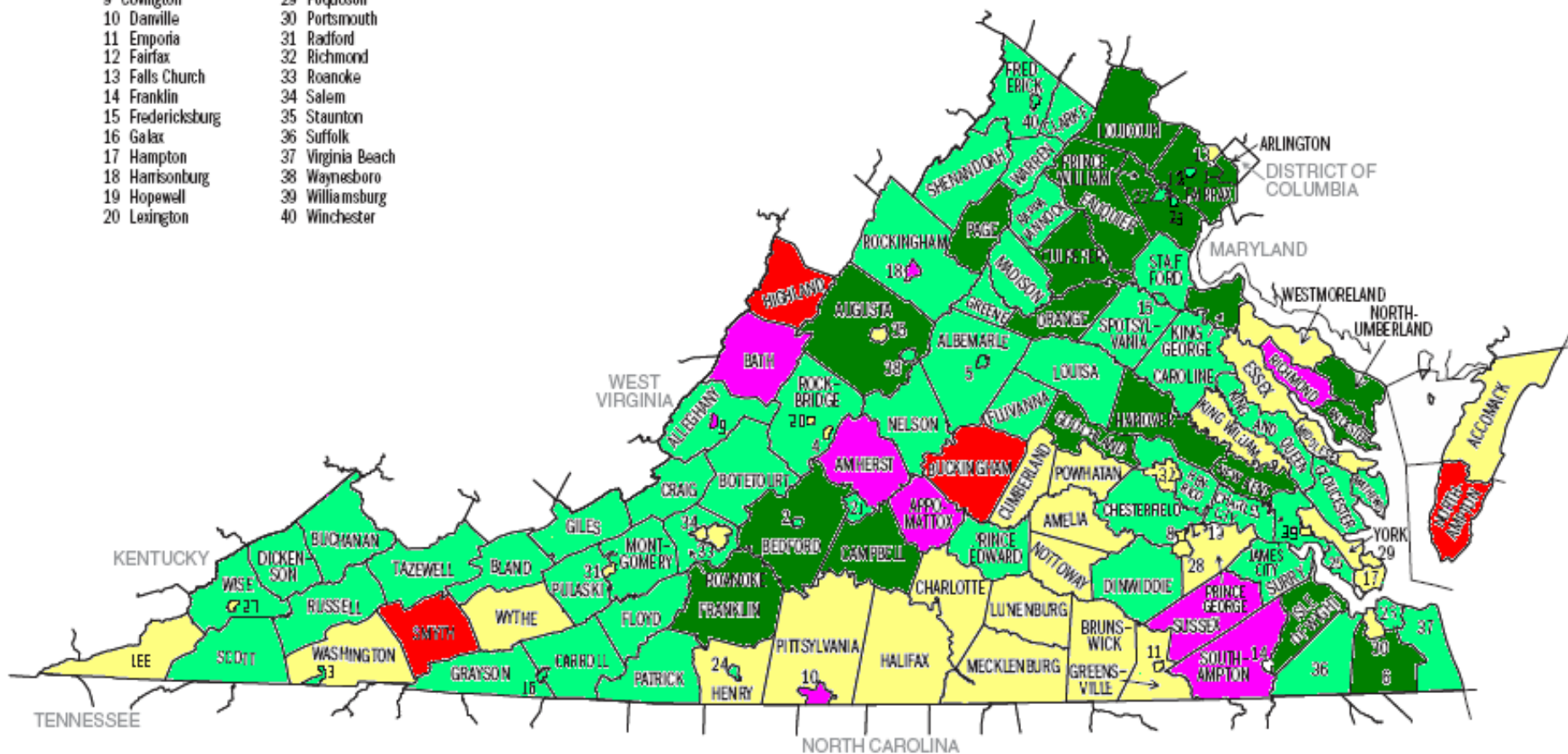


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2013 QSO Contact Analysis

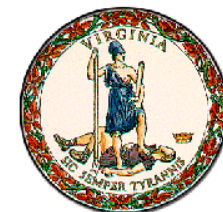


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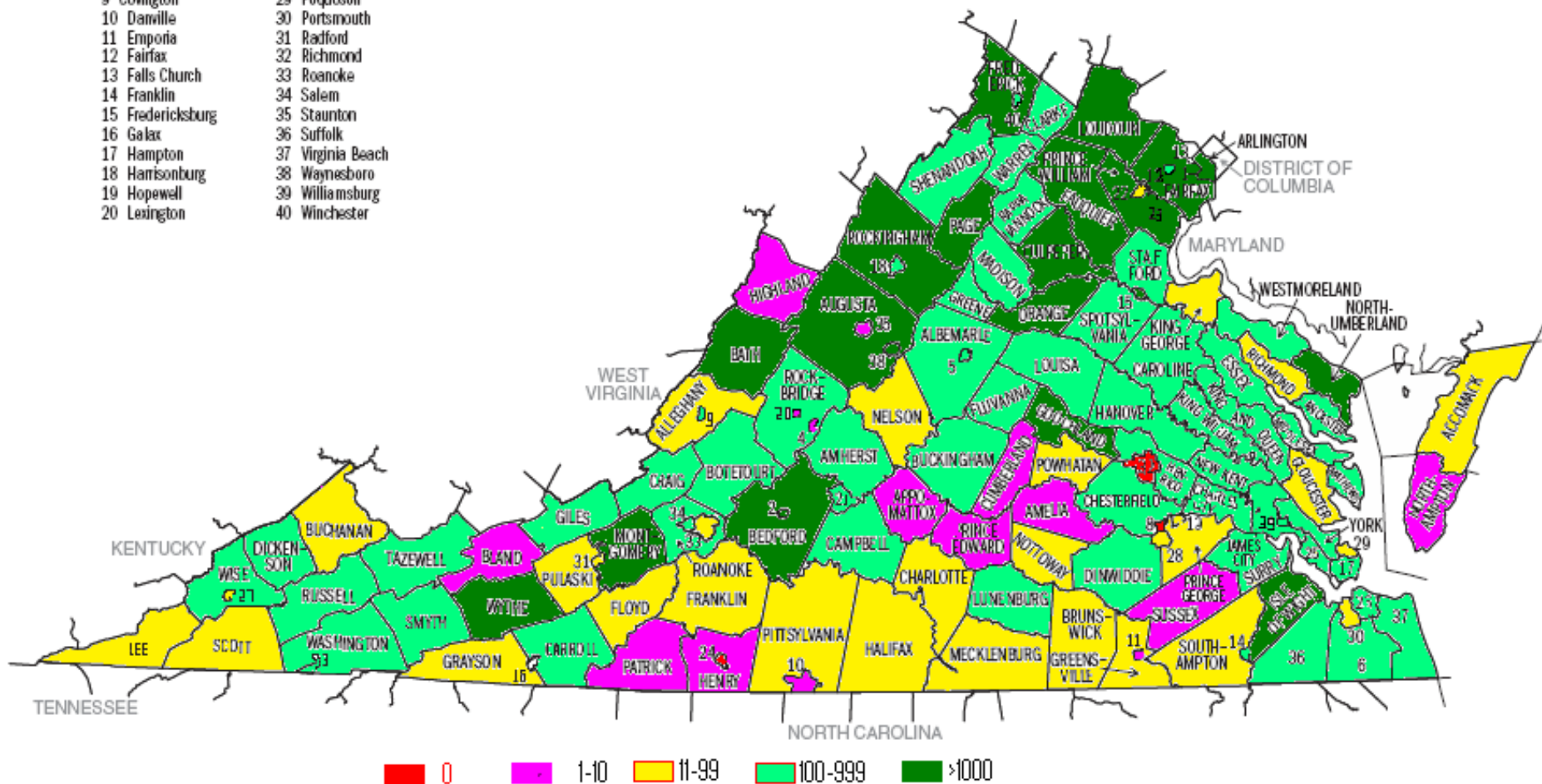


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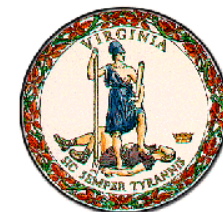
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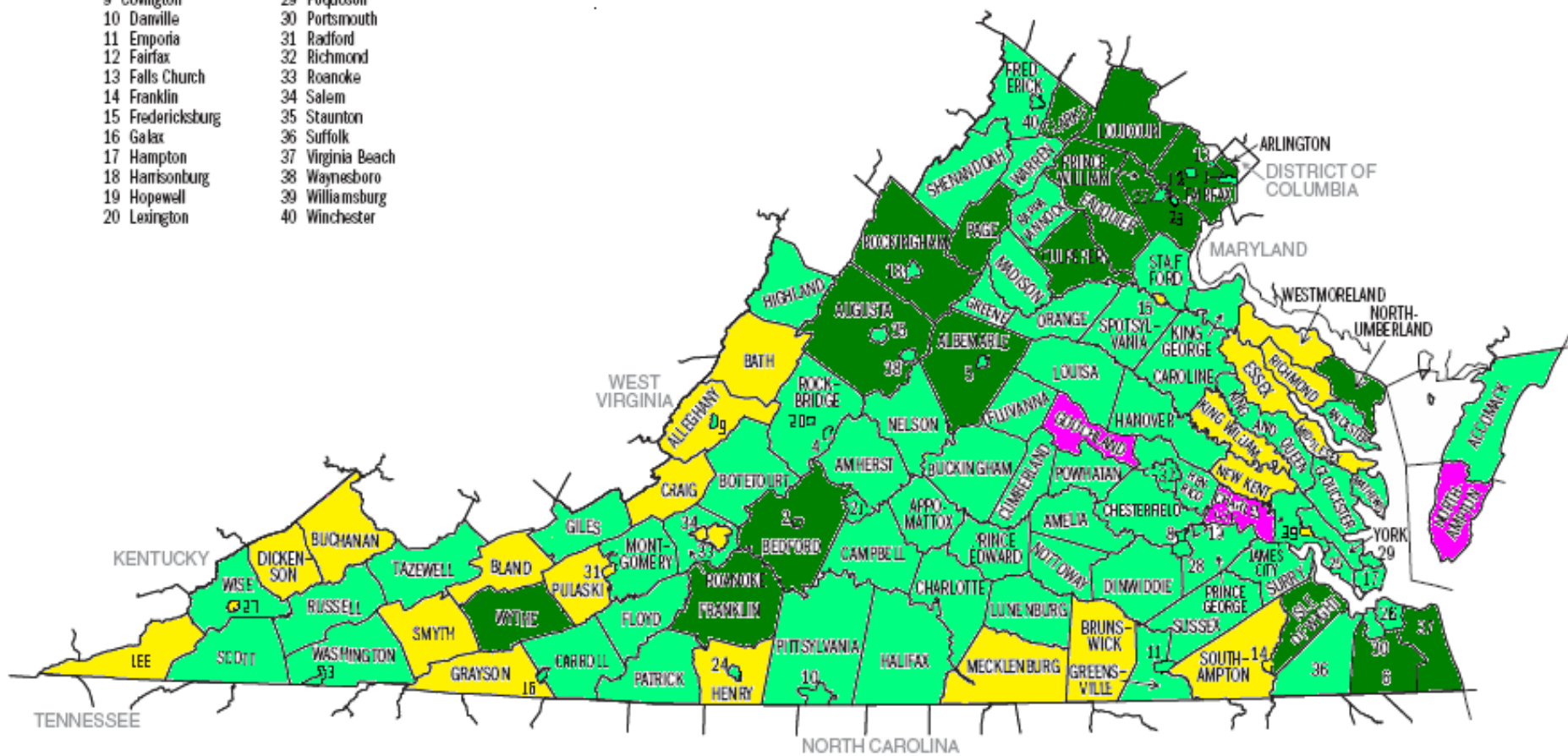
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2015 QSO Contact Analysis

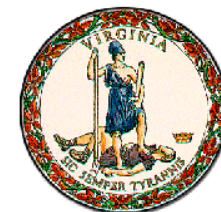


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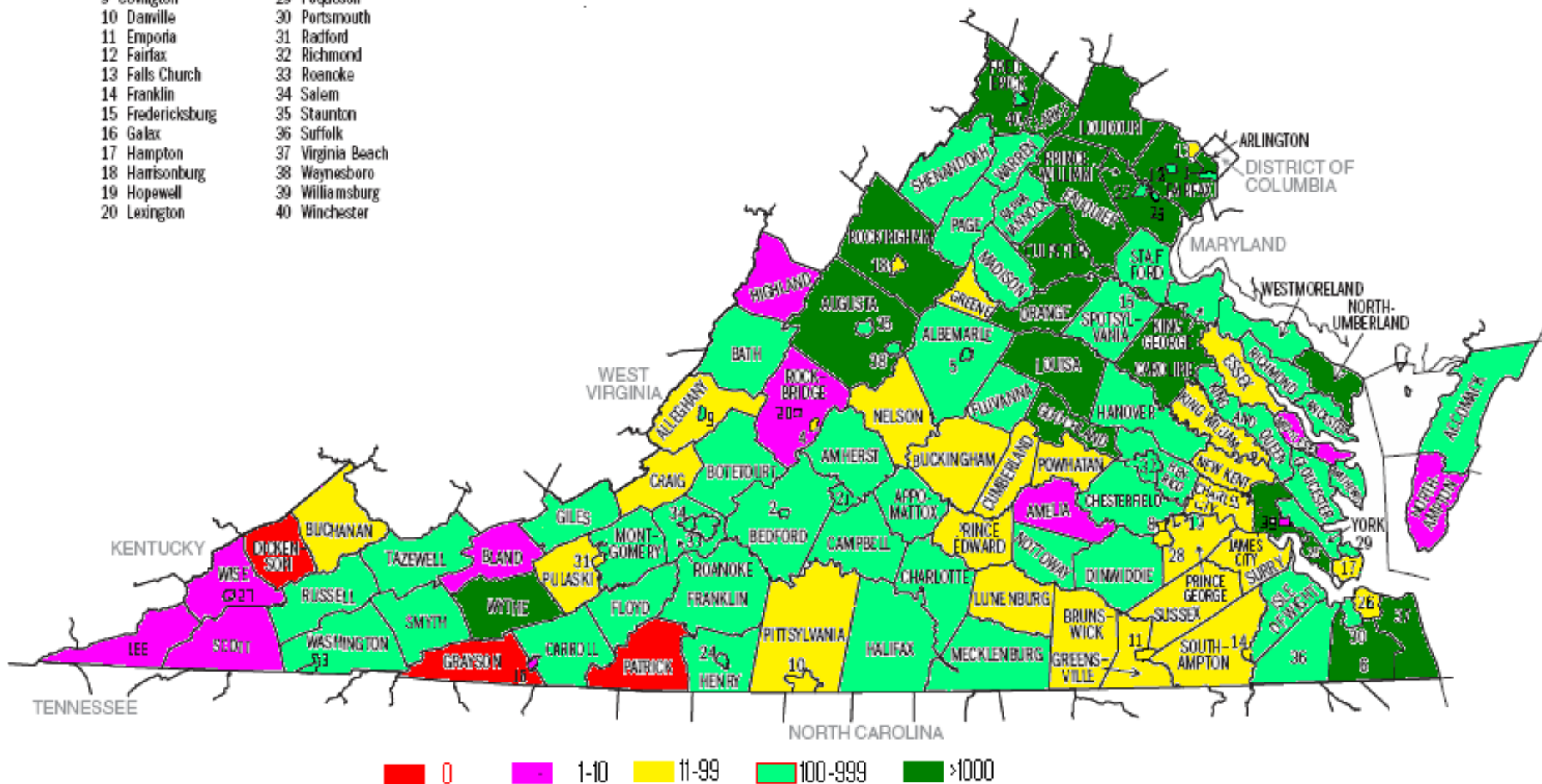


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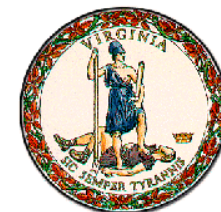
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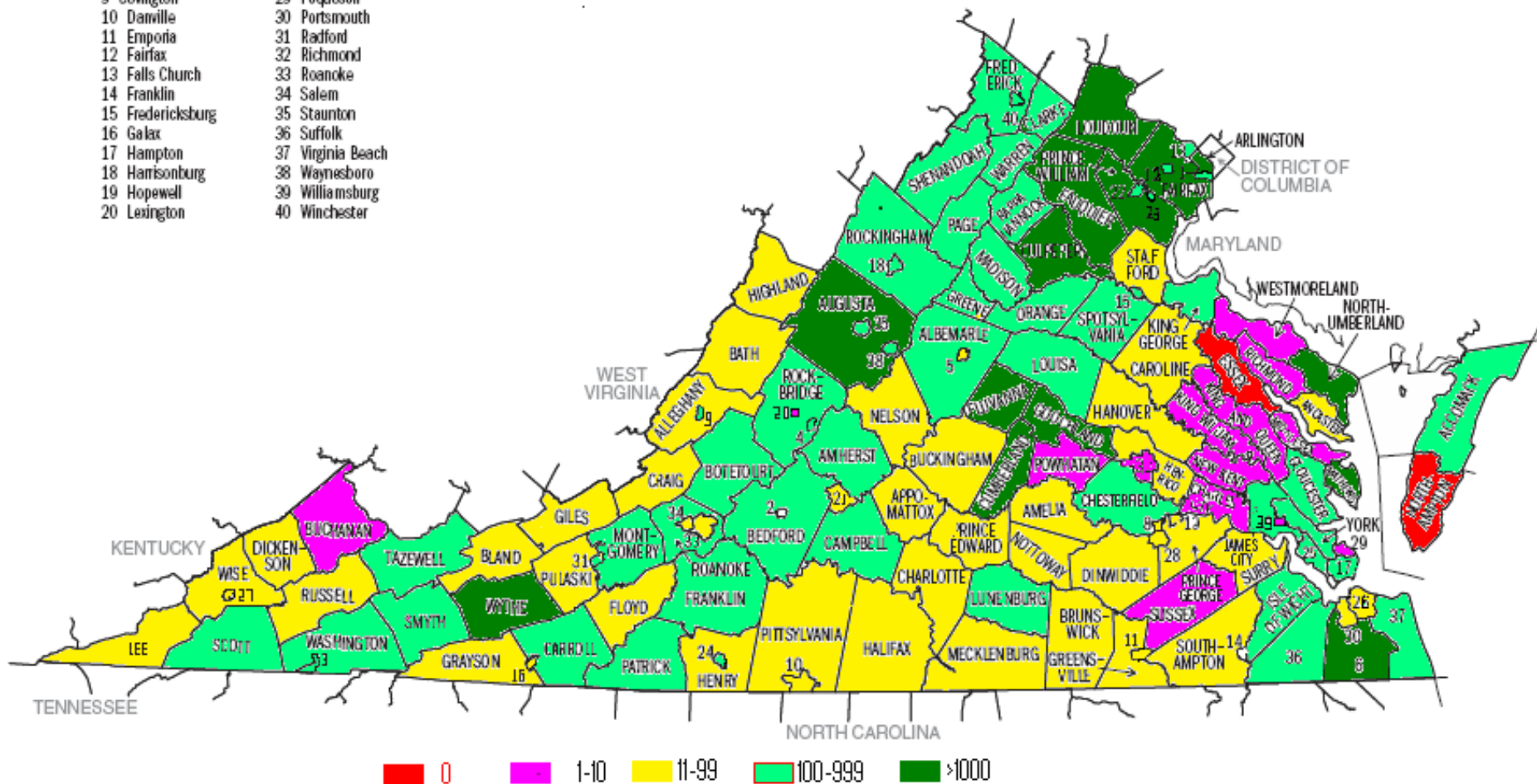
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2017 QSO Contact Analysis



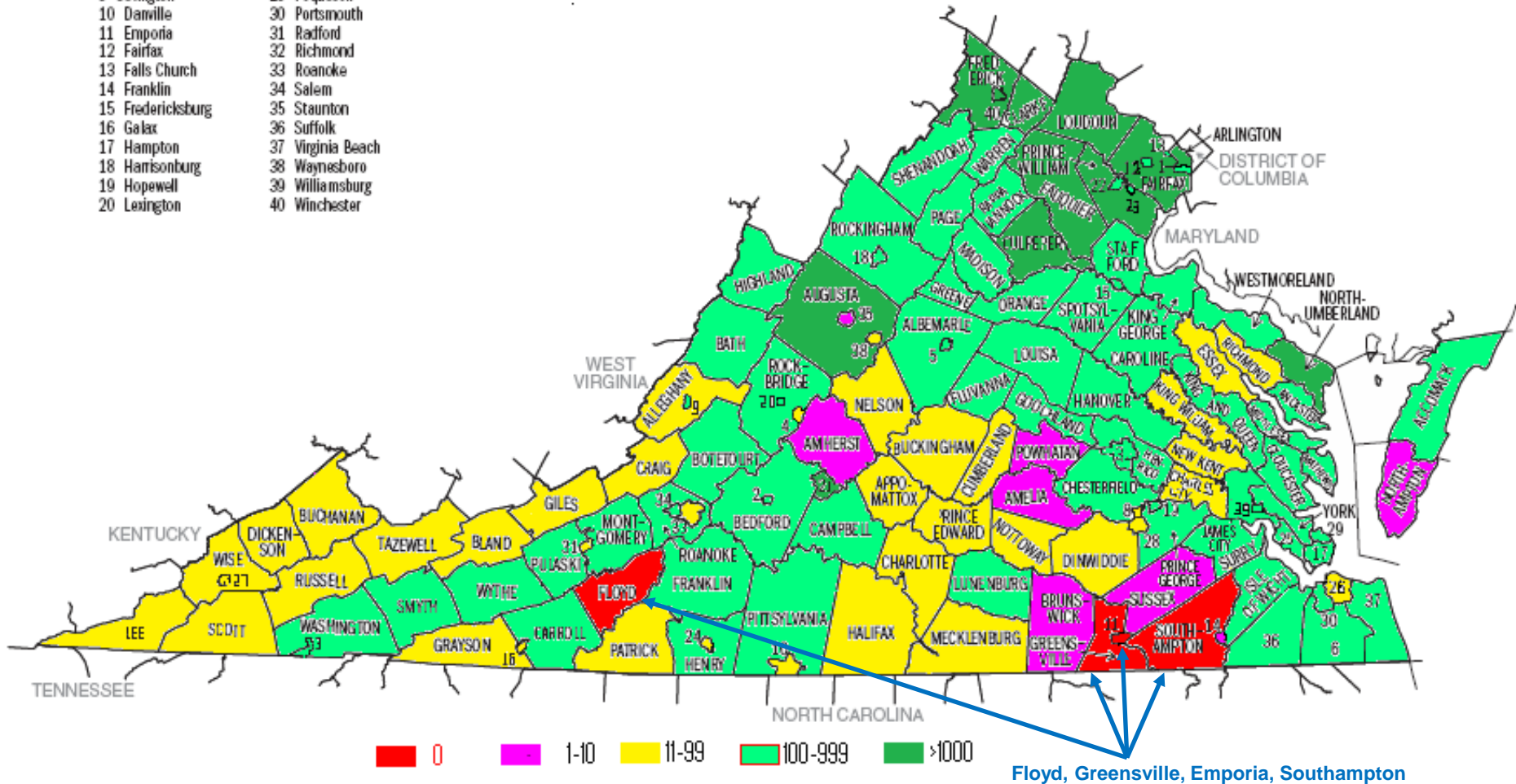
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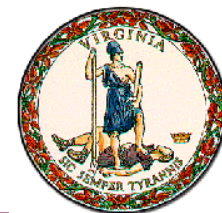
2018 QSO Contact Analysis



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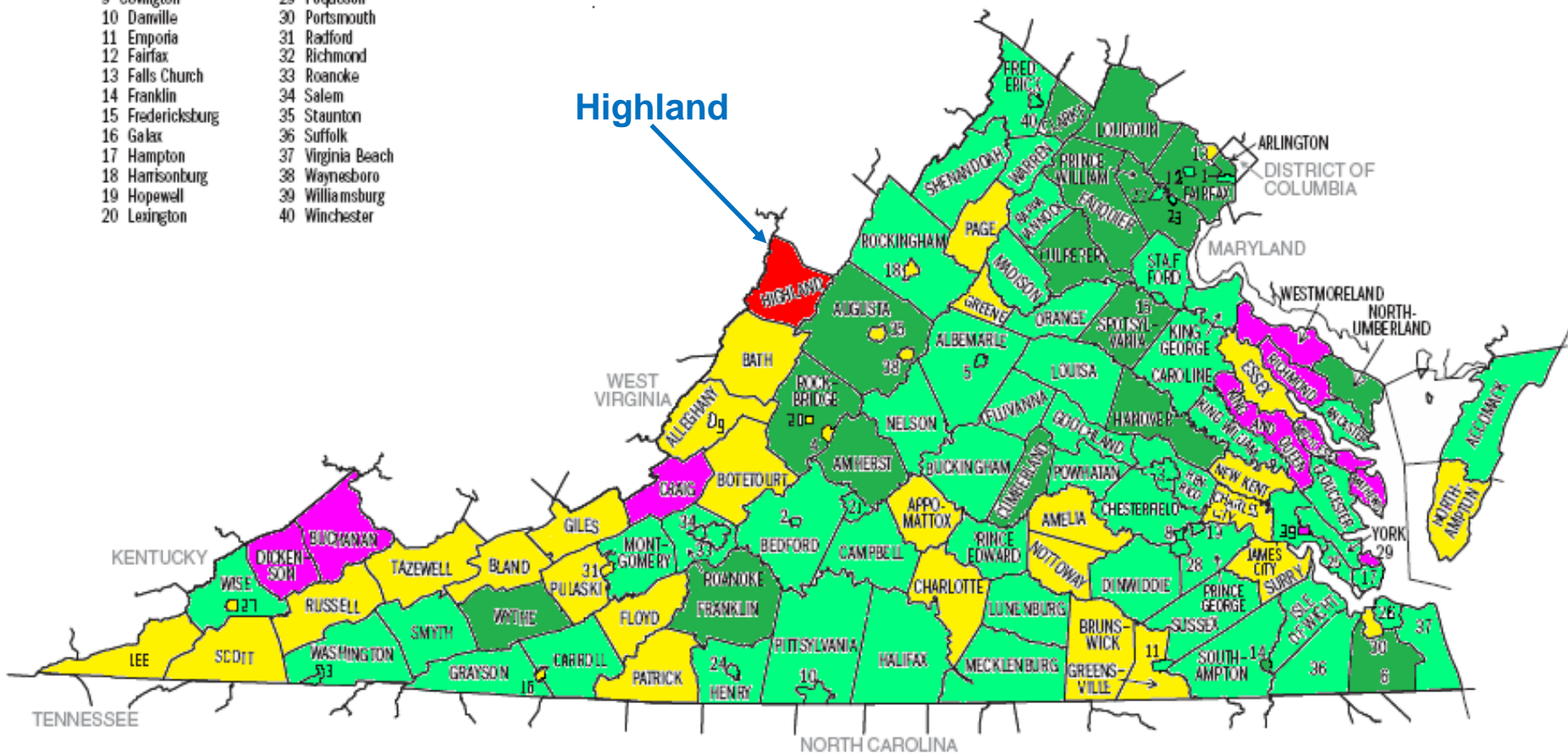


2019 QSO Contact Analysis

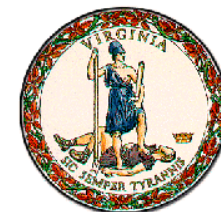


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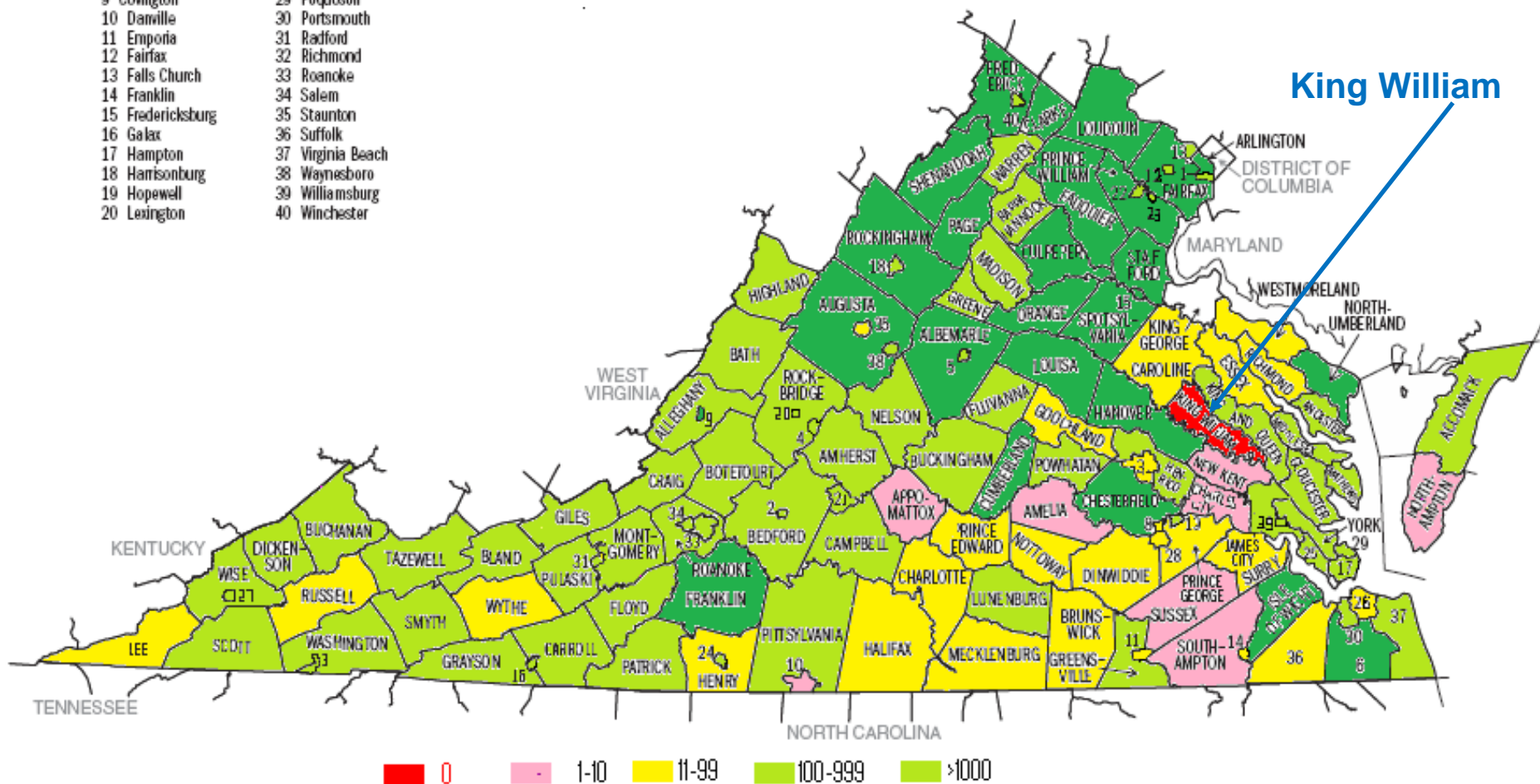
Highland



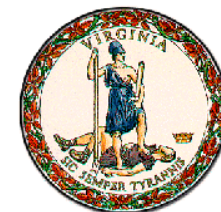
2020 QSO Contact Analysis



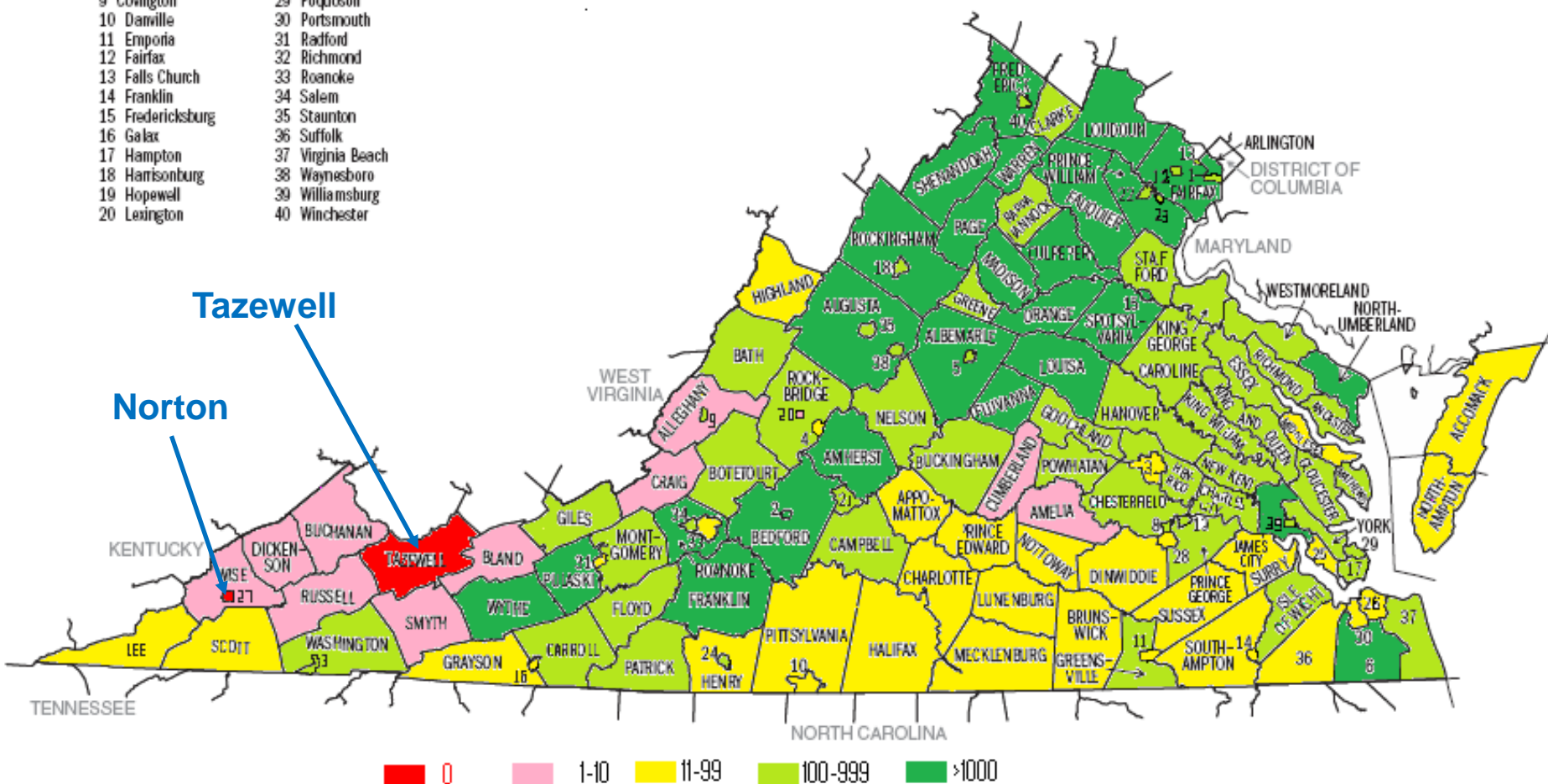
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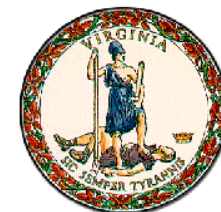
2021 QSO Contact Analysis



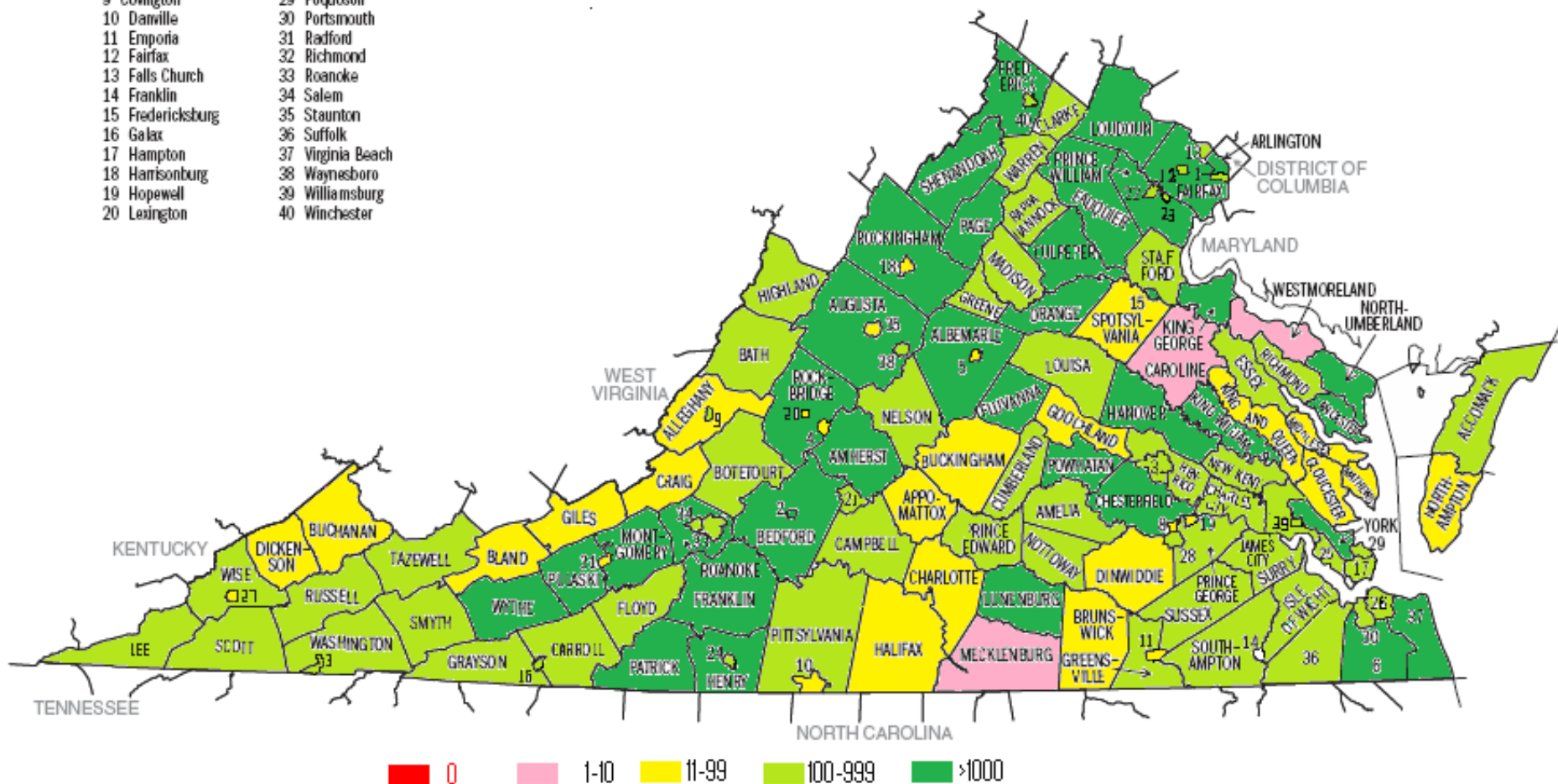
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| 5 Charlottesville | 25 Newport News |
| 6 Chesapeake | 26 Norfolk |
| 7 Clifton Forge | 27 Norton |
| 8 Colonial Heights | 28 Petersburg |
| 9 Covington | 29 Poquoson |
| 10 Danville | 30 Portsmouth |
| 11 Emporia | 31 Radford |
| 12 Fairfax | 32 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 |



2022 QSO Contact Analysis



- | | |
|--------------------|-------------------|
| 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 |
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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 |





2022 High Club - Combined Score



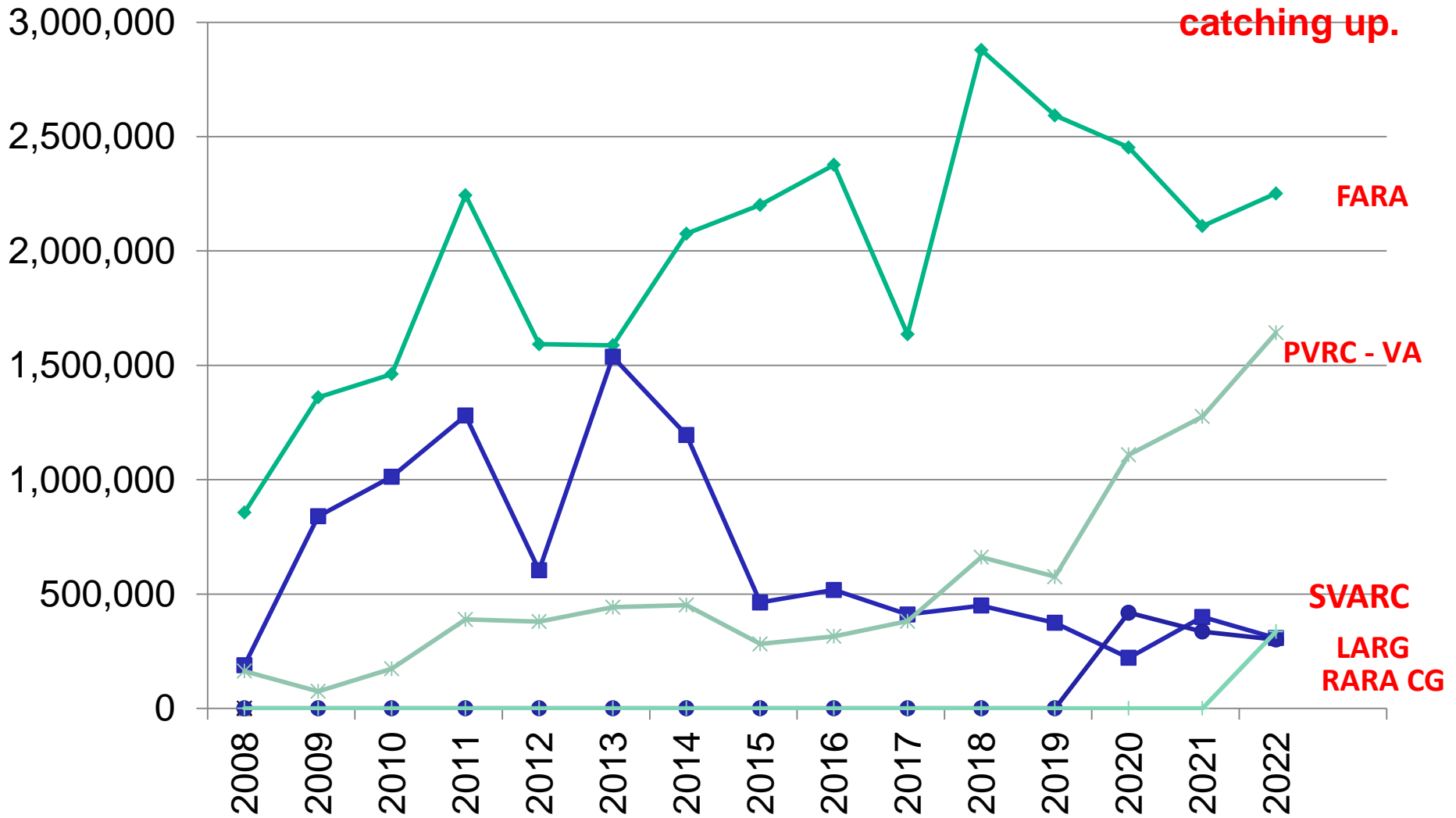
Club	Sum of Score
FARA	2,251,689
None Stated	2,210,730
PVRC VA	1,642,041
Shenandoah Valley ARC	335,939
LARG	307,116
Rappahannock ARA CG	301,035
Vienna Wireless Society	299,733
Franklin County VA ARC	286,987
Tennessee Valley DX Ass	247,364
PVRC MD	231,026
DDCC	230,669
Ole Virginia Hams	206,722
Central Virginia CC	202,597
Alexandria RC	199,743
Heritage Hunt Hams	185,651
Albemarle ARC	175,710
Shenandoah Valley Wireless	163,125
Williamsburg Area ARC	144,456
SPARC	104,582
Frankford RC	98,971
Slovak Contest Group	91,756
Roanoke Valley ARC	79,722
Yardhogs	79,072
Bavarian Contest Club	69,156

Club	Sum of Score
Florida Contest Group	66,877
Woodbridge Wireless	66,818
Yankee Clipper CC	59,430
PVRC NC	58,256
USS Wisconsin Radio Club	56,819
Tennessee Contest Group	51,442
South East Contest Club	48,233
East Lansing DX Club	47,658
Virgina Mountain ARC	44,400
Hudson Valley Contesters & DX	41,436
Bristol (TN/VA) ARC	40,326
The Villages ARC	38,088
WVDXC	37,086
NFRS	35,912
Virginia Beach ARC	34,066
Minnesota Wireless Assn	32,638
CW Ops	31,375
PVRC WV	27,150
SMC	25,650
Great Lakes CWOps Club	25,600
Alamance ARC	24,882
North Coast Contesters	24,244
CDXA	23,474
Kentucky Contest Group	23,268
Chesapeake ARS	21,323
Swamp Fox Contest Club	18,329

Club	Sum of Score
Fuzesgyarmati Radios Egyes?let/ FRE	16,560
DFW Contest Group	15,773
Mad River RC	13,987
Maritime Contest Club	13,552
Western Tidewater RA	13,333
Arlington ARC	12,829
Culpeper Amateur Radio Association	12,540
Lake Area ARK	11,254
Fort Smith Area ARC	10,614
W8PCA	10,150
Kansas City CC	9,396
Portage County ARS	8,667
TexasDxSociety	8,280
Northern New England Field AR Operators	7,410
Candlewood ARA	6,919
North American QRP CW Club	6,111
Western Tidewater Radio	6,105
WTRA	5,550
KW ARC	4,945
South Jersey Radio Assn.	4,352
Sunday Creek Amatuer Radio Club	4,116
Big Sky Contesters	4,060
Franklin County ARC	3,824
PVRC PA	3,456
Hendricks County ARS	3,400

High Club - Combined Score

PVRC is catching up.





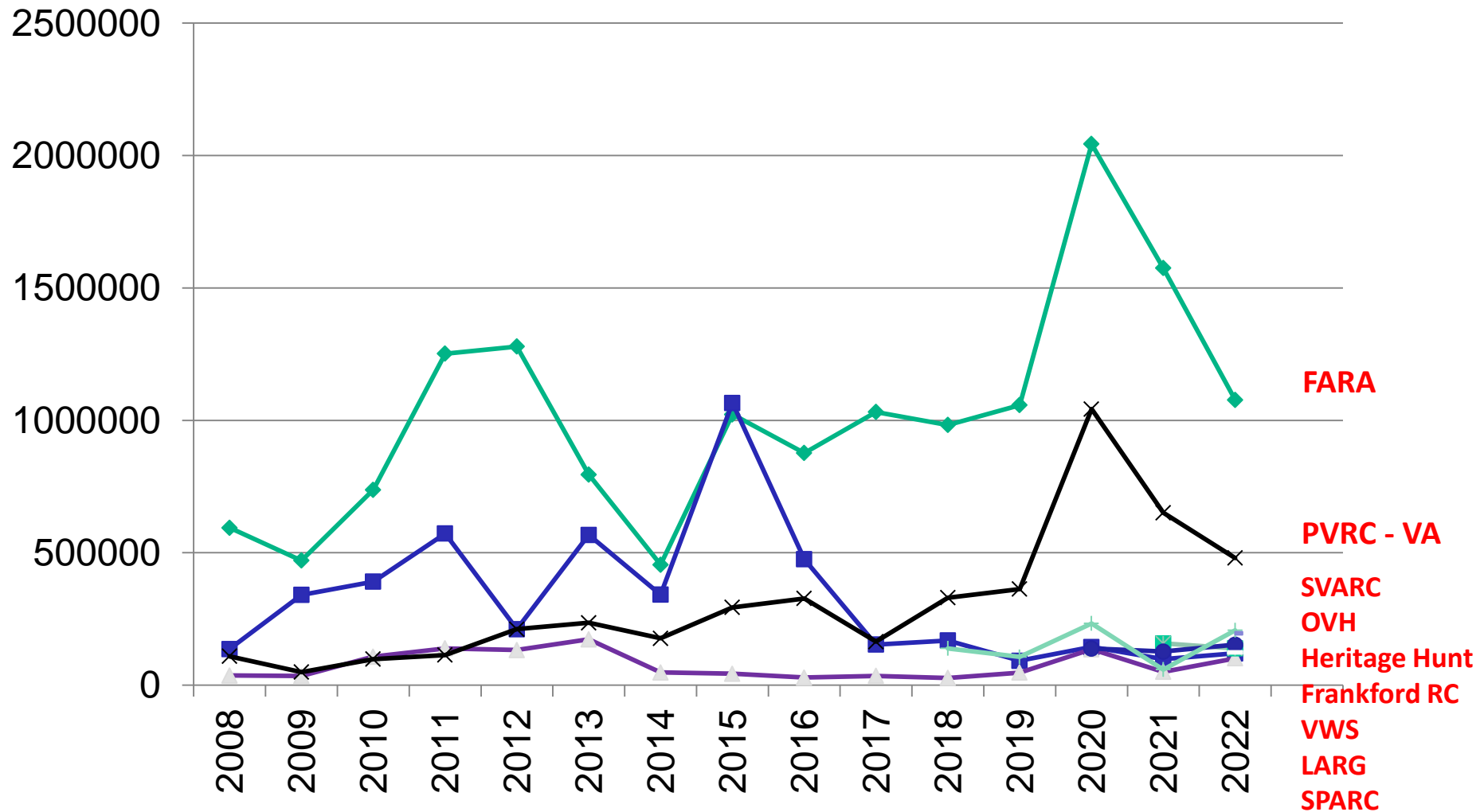
Log Counts by Club (4 or more logs)



Club	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
None Given	108	123	126	122	128	118	133	135	126	150	206	221	219
Fauquier ARA	35	32	27	28	29	30	30	42	45	36	53	57	46
Potomac Valley Radio Club - VA	7	8	13	14	18	16	23	20	20	29	47	45	25
Ole Virginia Hams	5	4	6	12	11	12	11	15	11	12	14	17	24
Shenandoah Valley ARC	4	6	14	12	14	7	12	16	18	20	19	11	23
Alexandria Radio Club	5	6	13	9	7	8	7	5	5	10	10	21	14
Potomac Valley Radio Club - MD													14
Tennessee Contest Group	5	4	4	2	3	8	6	4	4	8	7	9	14
Heritage Hunt Hams										7	9	13	13
Florida Contest Group		3	5	2	2	1	1	2		9	9	7	9
Loudoun ARG	24	25	17	28	25	19	20	13	18	11	7	7	9
Minnesota Wireless Assn								2	2	4	9	8	9
South East Contest Club	2		2	2	3		1	4	6	3	4		9
Sterling Park ARC	15	11	12	15	7	7	10	10	6	8	10	8	9
Vienna Wireless Society	3	9	7	5	7	2	3	1	2	11	5	8	9
Yankee Clipper Contest Club	2		3	3	3	3	4	2	7	7	8	6	8
Chesapeake ARS Inc., W4CAR	10	6	8	6	9	9	11	6	2	6	8	4	7
Frankford Radio Club	4	3	6	4	5	3	4	5	5	8	6	12	7
Hudson Valley Contesters & DX													7
Potomac Valley Radio Club - NC													7
Shenandoah Valley Wireless					6	3	7	13	7	7	7	10	7
Swamp Fox Contest Club								2		2		3	7
USS Wisconsin Radio Club												3	7
Roanoke Valley ARC	11	9	10	4	5	6	5	2	5	10	5	9	6
Society of Midwest Contesters	2		2	2	4	2	2	7	6	6	14		6
Albemarle Amateur Radio Club	3	4	4	6	3	1	4	3	2	1	1	6	5
CDXA													5
Lake Area ARK													5
Mad River RC					2	1	1	2	6	2	4	7	5
RARA Contest Group	3	5	7	18	16	14	17	5	8	7	9	4	5
Central Virginia Contest Club	10	11	10	4	3	2	2	1	4	4	5	1	4
NFRS													4
Portage County ARS				3		2	0	0					4
Yardhogs													4



High Club – VA QSOs Only





High Club – VA QSOs Only



Club	No. of C/IC	QSO Points	Score
None Stated	129	17055	220095
FARA	118	9128	1077104
PVRC VA	115	4174	480010
PVRC MD	111	3228	358308
Shenandoah Valley ARC	102	2028	206856
Ole Virginia Hams	103	1900	195700
Heritage Hunt Hams	99	1541	152559
Frankford RC	104	1332	138528
Vienna Vireless Society	99	1250	123750
LARG	96	1249	119904
Tennessee Contest Group	93	1205	112065
Florida Contest Group	95	1177	111815
Yankee Clipper CC	100	1102	110200
Alexandria RC	92	1178	108376
PVRC NC	96	1110	106560
SPARC	93	1089	101277
Slovak Contest Group	110	805	88550
DDCC	93	921	85653
Rappahannock ARA CG	92	921	84732
Shenandoah Valley Wireless	90	917	82530
South East Contest Club	86	914	78604
Albemarle ARC	91	793	72163
Bavarian Contest Club	99	663	65637

Club	No. of C/IC	QSO Points	Score
Hudson Valley Contesters & DX	83	788	65404
Roanoke Valley ARC	90	665	59850
Franklin County VA ARC	91	652	59332
Minnesota Wireless Assn	85	673	57205
NFRS	95	594	56430
Central Virginia CC	82	676	55432
The Villages ARC	88	532	46816
East Lansing DX Club	91	491	44681
WVDXC	93	467	43431
Tennessee Valley DX Ass	77	538	41426
CDXA	78	525	40950
Swamp Fox Contest Club	75	514	38550
Williamsburg Area ARC	85	433	36805
SMC	68	535	36380
USS Wisconsin Radio Club	84	403	33852
Yardhogs	74	457	33818
Kentucky Contest Group	79	333	26307
Woodbridge Wireless	79	329	25991
PVRC WV	72	355	25560
Alamance ARC	78	326	25428
Great Lakes CWOps Club	78	319	24882
Mad River RC	66	368	24288
North Coast Contesters	75	322	24150
DFW Contest Group	61	356	21716
Chesapeake ARS	65	294	19110
Lake Area ARK	61	289	17629

Plaque Recipients by Club

Club	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Alamance ARC	1		1	1	1	2	1	4	1	1		1	1				1
Albemarle ARC																1	
Alexandria Contest Club		1		1											1	1	
Arlington ARC			1														
CVCC	3	3	4	3	4	2	1	1			1				1		1
DDCC																1	1
Fauquier ARA	4	5	3	4	7	7	9	5	7	7	9	9	10	10	12	12	9
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	8
Not Awarded			2								1			1			
Ontario Contest Club	2	2															
Olde Virginia Hams												1		1			
PVRC	2	3	1							1		2	3		4	2	6
RARA Contest Group									3	1			1			1	1
Roanoke Valley ARC								1	1		1						
Rappackers Contest Group			2	3													
SCARC																	1
Shenandoah Valley ARC								1				1	1		3	1	1
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 2022 VQP)

2 x New High Scores



Category	Call Sign	Score	Year	Call	2022 Score
High VA Fixed Single OP High Power	N4BAA	387,466	2006	K4IA	225,504
High VA Fixed Single OP Low Power	K1HTV	393,720	2021	K1HTV	294,168
High Single OP Novice/Technician/Rookie	KM4IML	74,876	2015	KA4RLL	55,890
High Outside VA Single OP	K1RO	124,950	2017	K1RZ	86,304
High Outside VA Phone/Mixed QRP	WB2P	27,191	2014	K4EG/KF4VTT	24,882
High VA Single-Op Phone/Mixed QRP	WA4PGM	87,440	2003	N4RP	60,368
High Single OP VHF	KK4IML	74,876	2015	AG4VA	16,080
High VA Club - Combined Score	FARA	2,878,846	2018	FARA	2,251,689
High VA Mobile Multiple Op Single Trans	N4CW	240,988	2021	N4CW	474,680
High VA Mobile Multiple OP Multiple Trans				NB3A	44,642
High VA Mobile Single Operator	W4GO/M	297,639	2020	W4GO	258,412
High VA Single OP CW High Power	K0ZR	293,189	2014	K4QS	169,926
High VA Single OP CW Low Power	N3UA	192,572	2011	K4OAQ	189,250
High Fixed Multiple Op / Single Transmitter	N4A	352,226	2008	N4HB	248,920
High Fixed Multiple Op / Multiple Transmitter	KW4VA	1,193,975	2019	W4VA	598,962
High Single Band	KJ4ADN/M	164,810	2013	WA4NUF	105,975
High SO VA Counties/Independent Cities	K1RO	119	2017	OM2VL	113
High DX Station	OM2VL	30,003	2021	OM2VL	91,756
High Single Op Digital Mode	K3VAT	49,440	2018	KO4CVU	32
High VA Single OP Phone Only High Power	W4GO/M	297,639	2020	NX3A	174,479
High VA Single OP Phone Only Low Power	KJ4ADN/M	164,810	2013	WA4NUF	105,975
High Expedition	AI4SV	144,870	2019	W4MGT	111,180
High VA Club – VA QSOs Only	FARA	2,368,311	2020	FARA	1,077,104
High VA Single Operator CW QRP	K4ORD	45,044	2008	WX3M	46,728
High Outside-VA QRP CW	W8TM	21,482	2008	KR4AE	10,152
High Single Operator – Youth	KJ4EZA@N2VA	133,180	2016	KA4RLL	55,890
High Single Operator – VA QSOs Only	K1RO	124,950	2017	OM2VL	91,756
High Single Operator Young Adult	KK4BSM	45,475	2017	n/a	n/a

Multiple
Plaques

Karl,
KA4RLL
X2

László,
OM2VL
X3
Slovak Rep

Gene,
WA4NUF
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
 - 2022 USS Wisconsin Radio Club



2004 Virginia QSO Party



State Boat
Chesapeake Bay Deadrise

*The Sterling Park Amateur Radio Club
congratulates*



State Fossil
Chesapekten jeffersonius

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

Counties

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

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

Floyd
Fuvanna
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
Northway
Orange
Page
Patrick
Pittsylvania

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

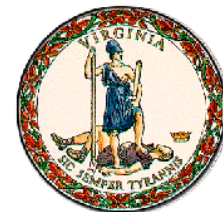
Smyth
Southampton
Spotsylvania
Stafford
Surry
Sussex
Tazewell
Warren
Washington
Westmoreland
Wise
Wythe
York

Poquoson
Williamsburg
Danville
Lexington
Portsmouth
Winchester
Emporia
Lynchburg
Radford

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

Independent Cities

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



2005 Virginia QSO Party



Floral Emblem
Dogwood



State Bird
Cardinal

*The Sterling Park Amateur Radio Club
congratulates*

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

Counties

Accomack
Albemarle
Alleghany
Amelia
Amherst
Appomattox
Arlington
Charlotte
Augusta
Bath
Bedford
Bland
Botetourt
Brunswick
Buchanan
Buckingham
Campbell
Caroline

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

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

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

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

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

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

Poquoson
Williamsburg
Danville
Lexington
Portsmouth
Winchester
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Galax
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VA Beach
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Harrisonburg
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Covington
Hopewell

Independent Cities

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



2006 Virginia QSO Party



State Dog
American Fox Hound

*The Sterling Park Amateur Radio Club
congratulates*



State Bat
Virginia Big-Eared Bat

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

Counties

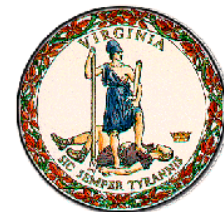
Accomack	Carroll	Floyd	Henry	Mathews	Powhatan
Albemarle	Charles City	Fluvanna	Highland	Mecklenburg	Prince Edward
Alleghany	Charlotte	Franklin	Isle of Wight	Middlesex	Prince George
Amelia	Chesterfield	Frederick	James City	Montgomery	Prince William
Amherst	Clarke	Giles	King & Queen	Nelson	Pulaski
Appomattox	Craig	Gloucester	King George	New Kent	Rappahannock
Arlington	Culpeper	Goochland	King William	Northampton	Richmond
Augusta	Cumberland	Grayson	Lancaster	Northumberland	Roanoke
Bath	Dickenson	Greene	Lee	Nottoway	Rockbridge
Bedford	Dimwiddie	Greensville	Loudoun	Orange	Rockingham
Bland	Essex	Halifax	Louisa	Page	Russell
Botetourt	Fairfax	Hanover	Lunenburg	Patrick	Scott
Brunswick	Fauquier	Henrico	Madison	Pittsylvania	Shenandoah
Buchanan					
Buckingham					
Campbell					
Caroline					

Independent Cities

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

Richmond	Hopewell
Roanoke	Lexington
Salem	Lynchburg
Staunton	Manassas
Suffolk	Manassas Park
Virginia Beach	Martinsville
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	Petersburg
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	Portsmouth
	Radford

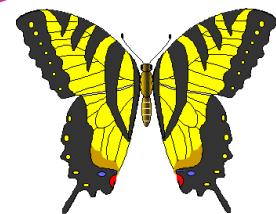
Smyth
Southampton
Spotsylvania
Stafford
Surry
Sussex
Tazewell
Warren
Washington
Westmoreland
Wise
Wythe
York



2007 Virginia QSO Party



State Fish
Brook Trout
(adopted in 1993)



State Insect
Tiger Swallowtail Butterfly
(adopted in 1991)

*The Sterling Park Amateur Radio Club
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Counties

Accomack
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Fauquier

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Frederick
Giles
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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
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Rockbridge
Rockingham
Russell
Scott
Shenandoah

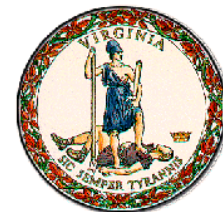
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Poquoson
Portsmouth
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Buena Vista
Charlottesville
Chesapeake
Colonial Heights
Covington
Danville
Emporia
Fairfax
Falls Church
Franklin
Fredericksburg
Galax
Hampton
Harrisonburg 94



2008 Virginia QSO Party



Chincoteague Pony

*The Sterling Park Amateur Radio Club
congratulates*



Smithfield Ham

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

Counties

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

Carroll
Charles City
Charlotte
Chesterfield
Clarke
Craig
Culpeper
Cumberland
Dickenson
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Henry
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King & Queen
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Lee
Loudoun
Louisa
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Powhatan
Prince Edward
Prince George
Prince William
Pulaski
Rappahannock
Richmond
Roanoke
Rockbridge
Rockingham
Russell
Scott
Shenandoah

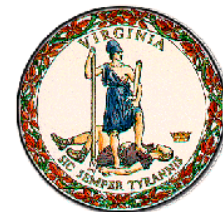
Smyth
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Richmond
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Franklin
Fredericksburg
Galax
Hampton
Harrisonburg 95



2009 Virginia QSO Party



Virginia Peanut



Hanover Tomato

*The Sterling Park Amateur Radio Club
congratulates*

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

Counties

- Accomack
- Albemarle
- Alleghany
- Amelia
- Amherst
- Appomattox
- Arlington
- Augusta
- Bath
- Bedford
- Bland
- Botetourt
- Brunswick
- Buchanan
- Buckingham
- Campbell
- Caroline
- Carroll
- Charles City
- Charlotte
- Chesterfield
- Clarke
- Craig
- Culpeper
- Cumberland
- Dickenson
- Dinwiddie
- Essex
- Fairfax
- Fauquier
- Floyd
- Fluvanna
- Franklin
- Frederick
- Giles
- Gloucester
- Goochland
- Grayson
- Greene
- Greensville
- Halifax
- Hanover
- Henrico
- Henry
- Highland
- Isle of Wight
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- Lancaster
- Lee
- Loudoun
- Louisa
- Lunenburg
- Madison

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

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

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

- Richmond
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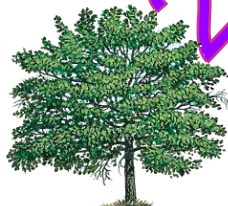
- Hopewell
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- Harrisonburg



2010 Virginia QSO Party



State Tree
Flowering Dogwood



State Shell
Crassostrea virginica

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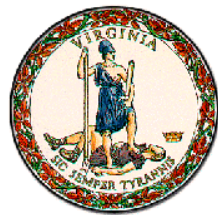
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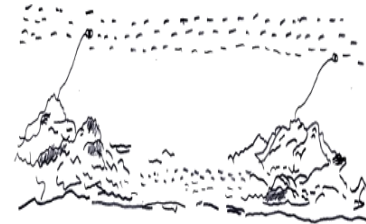


2011 Virginia QSO Party



Mahlon Loomis
(1826-1886)

The
Sterling Park Amateur Radio Club
thanks



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

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



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



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

*for promoting amateur radio activity
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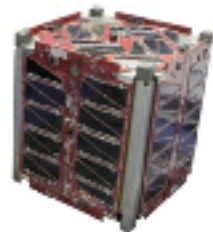
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Winchester



2014 Virginia QSO Party



TJ3SAT, built by Thomas Jefferson High School, Fairfax, VA, and industry partners, was launched into space on 19 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
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Accomack
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Dickenson
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Fauquier

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Roanoke
Salem
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Suffolk
Virginia Beach
Waynesboro
Williamsburg
Winchester



2015 Virginia QSO Party



*The
Sterling Park Amateur Radio Club
thanks*



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

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.*

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2016 Virginia QSO Party



The
Sterling Park Amateur Radio Club
thanks



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

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

*for promoting amateur radio activity
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2017 Virginia QSO Party



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

*The
Sterling Park Amateur Radio Club
thanks*



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

*for promoting amateur radio activity
in Virginia's 95 Counties and 38 Independent Cities through enthusiastic
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Accomack									
Albemarle									
Alleghany									
Amelia									
Amherst	Carroll	Floyd	Henry	Mathews	Powhatan	Smyth	Alexandria	Galax	Poquoson
Appomattox	Charles City	Fluvanna	Highland	Mecklenburg	Prince Edward	Southampton	Bristol	Hampton	Portsmouth
Arlington	Charlotte	Franklin	Isle of Wight	Middlesex	Prince George	Spotsylvania	Buena Vista	Harrisonburg	Radford
Augusta	Chesterfield	Frederick	James City	Montgomery	Prince William	Stafford	Charlottesville	Hopewell	Richmond
Bath	Clarke	Giles	King & Queen	Nelson	Pulaski	Surry	Chesapeake	Lexington	Roanoke
Bedford	Craig	Gloucester	King George	New Kent	Rappahannock	Sussex	Colonial Heights	Lynchburg	Salem
Bland	Culpeper	Goochland	King William	Northampton	Richmond	Tazewell	Covington	Manassas	Staunton
Botetourt	Cumberland	Grayson	Lancaster	Northumberland	Roanoke	Warren	Danville	Manassas Park	Suffolk
Brunswick	Dickenson	Greene	Lee	Nottoway	Rockbridge	Washington	Emporia	Martinsville	Virginia Beach
Buchanan	Dinwiddie	Greensville	Loudoun	Orange	Rockingham	Westmoreland	Fairfax	Newport News	Waynesboro
Buckingham	Essex	Halifax	Louisa	Page	Russell	Wise	Falls Church	Norfolk	Williamsburg
Campbell	Fairfax	Hanover	Lunenburg	Patrick	Scott	Wythe	Franklin	Norton	Winchester
Caroline	Fauquier	Henrico	Madison	Pittsylvania	Shenandoah	York	Fredericksburg	Petersburg	



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
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Loudoun Amateur Radio Group





2022 Virginia QSO Party



The
Sterling Park Amateur Radio Club

Thanks to USS Wisconsin Radio Club
for designing the 2022 certificate.

CATEGORY RANKING

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

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USS Wisconsin Radio Club (N4WIS)





Virginia QSO Party

Presentation to Plaque Recipients



2022 Virginia QSO Party Single Operator Digital Mode



- Sponsored by:
John Heartney, KG4NXT
- No. of QSOs 4
- Score: 32
- VA QSOs Only: 32
- No. C&IC: 4
- QTH: Tennessee
- Club: Wilcon County (TN) Radio Club

Stephen Martin, KO4CVU



2022 Virginia QSO Party

Outside Virginia Single Operator CW QRP



- Sponsored by:
Rappahannock Amateur Radio Association
- No. of QSOs 93
- Score: 10,152
- Score VA QSOs Only: 10,152
- No. C&IC: 54
- QTH: Georgia
- Club: None Stated

Alan Sykes, KR4AE



2022 Virginia QSO Party Single Operator VHF Only



- Sponsored by:
Richmond Amateur Telecommunications Society
- No. of QSOs 251
- Score: 16,080
- VA QSOs Only: 14,370
- No. C&IC: 33
- QTH: VA Mobile
- Club: Fauquier ARA

Allen Graves, AG4VA



2022 Virginia QSO Party Outside Virginia Single Operator Phone/Mixed QRP



- Sponsored by:

Darrell Little, KI4LLA

- No. of QSOs 204
- Score: 24,882
- Score VA QSOs Only: 24,882
- No. C&IC: 76
- QTH: North Carolina
- Club: Alamance ARC

Doug Fleming, KF4VTT
Operating as K4EG



2022 Virginia QSO Party Virginia Mobile Multiple Operator Multiple Transmitter



- Sponsored by:
Potomac eCycle, LLC

- No. of QSOs 431
- Score: 44,642
- Score VA QSOs Only: 21,907
- No. C&IC: 54
- QTH: VA Mobile
- Club: Fauquier ARA

NB3A/M

(Justin Kidd, NB3A

Anna White, KN4DWZ)



2022 Virginia QSO Party Virginia Single Operator CW QRP



- Sponsored by:

Roanoke Valley Amateur Radio Club

- No. of QSOs 265
- Score: 46,728
- VA QSOs Only: 12,150
- No. C&IC: 54
- QTH: Hanover
- Club: Central Virginia Contest Club

Milton Coleman, WX3M



2022 Virginia QSO Party

Single Operator Novice/Tech/Rookie



- Sponsored by:
Richmond Amateur Radio Club
- No. of QSOs 478
- Score: 55,890
- VA QSOs Only: 12,784
- No. C&IC: 68
- QTH: Norfolk City
- Club: Potomac Valley Radio Club

“I was first licensed under 9W2IXY (in Malaysia) in September 2019 at the age of 14, so that still makes me a rookie (under 3 years). However, I got my Technician and General ticket in October 2020 and my Extra class in December 2020, allowing me to operate remotely in the US.”

Karl Ng, KA4RLL
Operating as W4ODU



2022 Virginia QSO Party Single Operator Youth



- Sponsored by:
USS Wisconsin Radio Club
- No. of QSOs 478
- Score: 55,890
- VA QSOs Only: 12,784
- No. C&IC: 68
- QTH: Norfolk City
- Club: Potomac Valley Radio Club

Karl Ng, KA4RLL
Operating as W4ODU



2022 Virginia QSO Party

Virginia Single Operator Phone/Mixed QRP



- Sponsored by:
 Alexandria Radio Club

- No. of QSOs 481
- Score: 60,368
- VA QSOs Only: 32,190
- No. C&IC: 87
- QTH: Fauquier
- Club: Fauquier ARA

**Also winner
last year**

Ross L Primrose, N4RP



2022 Virginia QSO Party Outside Virginia Single Operator



- Sponsored by:
Alexandria Radio Club
- No. of QSOs 533
- Score: 86,304
- VA QSOs Only: 86,304
- No. C&IC: 93
- QTH: Maryland
- Club: Potomac Valley Radio Club

David Petke, K1RZ



2022 Virginia QSO Party DX Station



- Sponsored by:
North Shenandoah DX Association
- No. of QSOs 380
- Score: 191,756
- Score VA QSOs Only: 91,756
- No. C&IC: 113
- QTH: Slovak Republic
- Club: Slovak Contest Group

László Végh, OM2VL



2022 Virginia QSO Party Single Operator Virginia Counties/Independent Cities Contacted



- Sponsored by:

Tom Zeltwanger, KG3V

- No. of QSOs 380
- Score: 191,756
- Score VA QSOs Only: 91,756
- No. C&IC: 113
- QTH: Slovak Republic
- Club: Slovak Contest Group

László Végh, OM2VL



2022 Virginia QSO Party

Single Operator Virginia QSOs Only



- Sponsored by:
www.hamradio.me
- No. of QSOs 380
- Score: 191,756
- Score VA QSOs Only: 91,756
- No. C&IC: 113
- QTH: Slovak Republic
- Club: Slovak Contest Group

László Végh, OM2VL



2022 Virginia QSO Party

Virginia Single Operator Phone Low Power



- Sponsored by:
Morgan Phenix, K4RHD

- No. of QSOs 753
- Score: 105,975
- VA QSOs Only: 23,585
- No. C&IC: 89
- QTH: Rockingham
- Club: None Stated

Gene Sullivan, WA4NUF



2022 Virginia QSO Party Single Band



- Sponsored by:
Vienna Wireless Society
- No. of QSOs 753
- Score: 105,975
- VA QSOs Only: 23,585
- No. C&IC: 89
- QTH: Rockingham
- Club: None Stated

Gene Sullivan, WA4NUF



2022 Virginia QSO Party Virginia Expedition



- Sponsored by:
Robert Harvey, K2PI
- No. of QSOs 603
- Score: 111,180
- VA QSOs Only: 23,660
- No. C&IC: 72
- QTH: VA From Raleigh, NC
- Club: None Stated

Station: W4MGT

(Steven K Jenkins, W4MGT

Lisa Lewis-Jenkins, No License Yet)



2022 Virginia QSO Party

Virginia Single Operator CW High Power



- Sponsored by:
Loudoun Amateur Radio Group

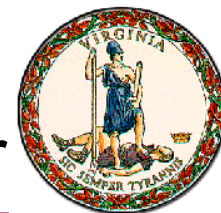
- No. of QSOs 659
- Score: 169,926
- VA QSOs Only: 22,568
- No. C&IC: 68
- QTH: King George
- Club: None Stated

Charles Stover, K4QS



2022 Virginia QSO Party

Virginia Single Operator Phone High Power



- Sponsored by:
Shenandoah Valley ARC

- No. of QSOs 1,119
- Score: 174,479
- VA QSOs Only: 40,128
- No. C&IC: 96
- QTH: Shenandoah
- Club: Shenandoah Valley ARA

Carl Dennis, NX3A



2022 Virginia QSO Party

Virginia Single Operator CW Low Power



- Sponsored by:
Loudoun Amateur Radio Group

- No. of QSOs 748
- Score: 189,250
- VA QSOs Only: 21,840
- No. C&IC: 60
- QTH: Pulaski
- Club: DDCC

Fritz Reuning, K4O AQ



2022 Virginia QSO Party Virginia Fixed Single Operator High Power



- Sponsored by:
Shenandoah Valley Amateur Radio Club
- No. of QSOs 1,075
- Score: 225,504
- VA QSOs Only: 36,162
- No. C&IC: 82
- QTH: Fredericksburg
- Club: Potomac Valley Radio Club

Craig Buck, K4IA



2022 Virginia QSO Party Virginia Fixed Multiple Operator Single Transmitter



- Sponsored by:
Andy Zwirko, K1RA/KW4VA

- No. of QSOs 1,115
- Score: 248,920
- VA QSOs Only: 31,084
- No. C&IC: 76
- QTH: Northumberland
- Club: RARA CG

**Also winner
last year**

Station: N4HB

William Boze, N4HB
Michael Rancourt, K1EEE



2022 Virginia QSO Party Virginia Mobile Single Operator



- Sponsored by:

Middle Peninsula Amateur Radio Club
in Honor of Joe Imburgia, KI4LXT (SK)

- No. of QSOs 1,073
- Score: 258,412
- VA QSOs Only: 13,442
- No. C&IC: 38
- QTH: VA Mobile
- Club: Fauquier ARA

**Also winner
last year**

Matt Shelburne, W4GO/M



2022 Virginia QSO Party Virginia Fixed Single Operator Low Power



- Sponsored by:

EasyWayHamBooks.com

- No. of QSOs 910
- Score: 294,168
- VA QSOs Only: 29,697
- No. C&IC: 57
- QTH: Culpeper
- Club: Fauquier ARA

Also winner
last year

Richard V Zwirko, K1HTV



2022 Virginia QSO Party Virginia Unlimited Expedition



- Sponsored by:
Sterling Park Amateur Radio Club

- No. of QSOs 1,284
- Score: 374.556
- VA QSOs Only: 64,275
- No. C&IC: 73
- QTH: VA
- Club: Fauquier ARA

Station: KW4VA/M

Andy Zwirko
Terry Price

K1RA
W8ZN



2022 Virginia QSO Party Virginia Mobile Multiple Operator Single Transmitter



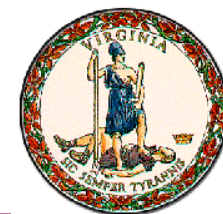
- Sponsored by:
Jeff Fuller, WB6UIE
- No. of QSOs 1,672
- Score: 474,680
- VA QSOs Only: 8,339
- No. C&IC: 30
- QTH: VA Mobile
- Club: Potomac Valley Radio Club

Station: N4CW

Bertrand R Michaud, N4CW
James H Gulvin, W4TMO



2022 Virginia QSO Party Virginia Fixed Multiple Operator Multiple Transmitter



- Sponsored by:
Rappahannock Valley Amateur Radio Club

- No. of QSOs 2,303
- Score: 598,962
- VA QSOs Only: 113,815
- No. C&IC: 103
- QTH: Fauquier
- Club: Fauquier ARA

- Greg Moyers, KI4ZKJ
- Rebecca Elder, KJ7APV
- Charles Fowler, KO4VNZ
- John Huggins, KX4O
- Jack Cochran, WC4J
- Daniel Mouer, WA4GSD
- Stuart Mitchell, W7IY
- Richard Spargur, K3UI

Station:

W4VA @ KA4RRU



2022 Virginia QSO Party

Virginia Club - Virginia QSOs Only



- Sponsored by:
www.hamradio.me

- Score: 1,077,104
- No. C&IC: 118

Fauquier Amateur Radio Association



2022 Virginia QSO Party Virginia Club Combined Score



- Sponsored by:
Vienna Wireless Society

- Score: 2,251,689

Fauquier Amateur Radio Association

How are we doing?

State	Logs Rec'd 2019	Logs Rec'd 2020	Logs Rec'd 2021	Logs Rec'd 2022	Rank by Logs	Licensed Ops	Rank by License Count	Party Date
CA	922	1365	1156			103,078	1	Oct
PA	483	708	715			24,620	7	Oct
VA	449	613	667	679		21,026	12	Mar
FL	1029	1186	953			43,821	3	Apr
WA	336	564	438			34,766	4	Sep
MI	384	507	434			21,473	10	Apr
TX	348	453	463			54,546	2	Sep
IL	260	447	401			20,074	13	Oct
NC	300	410	598	556		22,758	8	Mar
AZ	178	367	306			22,218	9	Oct
SC	242	318	454	380		10,307	27	Feb
OH	317	663				28,090	5	Aug
NY						27,311	6	Oct

We do very well!

Updated 22 May 2022



2023 Virginia QSO Party



See you on the air!

73,

Sterling Park Amateur Radio Club



Virginia QSO Party

2022 Rules

There are no rule changes for the 2022 Virginia QSO Party.



2022 Rules Objective and Dates



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

Sat, 19 Mar, 1400 UTC – Sun, 20 Mar, 0400 UTC
(Saturday, 10 AM – 12 Midnight local)

Sun, 20 Mar, 1200 UTC – 2400 UTC
(Sunday, 8 AM – 8 PM local)



2022 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)
- Mixed

Station Categories

- Fixed Station
- Mobile
- Expedition

Band Categories

- Multi-Band
- Single Band

Club Entry

2022 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.



2022 Rules Exchange



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

FT-8



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

2022 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



2022 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



2022 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.



2022 Rules Suggested Frequencies



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



2022 Rules Awards



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