



Virginia QSO Party 2016

VQP Results and Awards Ceremony

Sterling Park Amateur Radio Club (SPARC)

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

Gordon Miller, NQ4K

John Huggins, KX4O

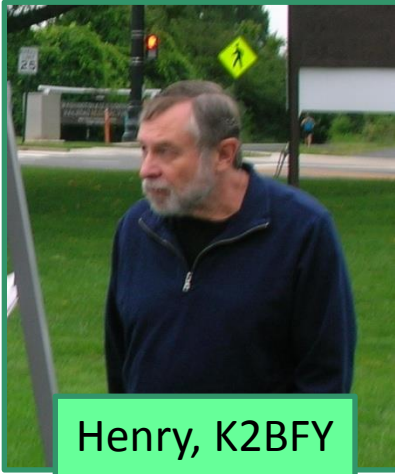


Topics



- Meta-Analysis of the 2016 QSO Party
- All Time High Scores
- Description of Certificate
- Award of Plaques

VQP Committee



Henry, K2BFY
E-Scoring SW



Bill, KJ4VTH
Plaques



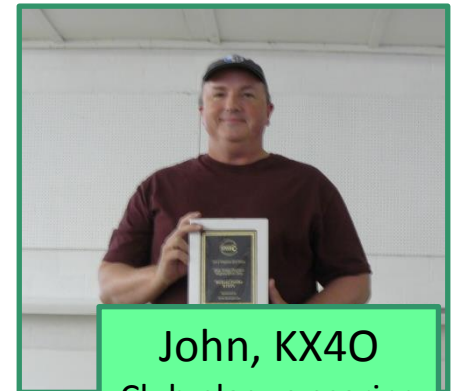
Gordon, NQ4K
Coordination, Scoring



Dick, W2YE
Rules

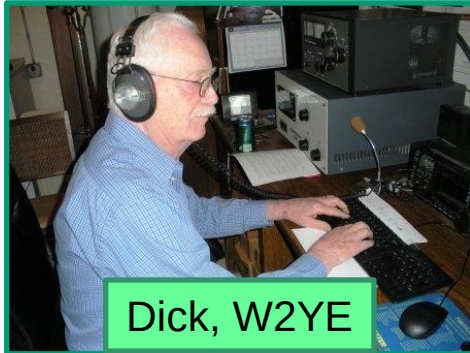


Eric, AJ4LN
E-Log scoring



John, KX4O
Club plaque scoring

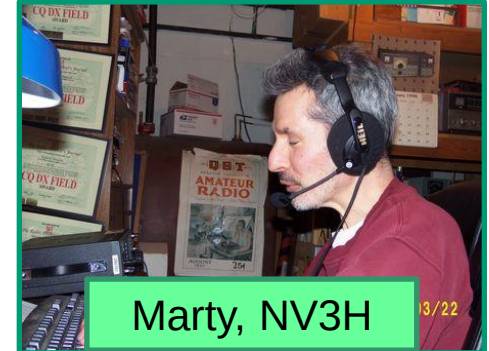
2016 VQP K4NVA Operation



Dick, W2YE



Evelyn, Guest Op



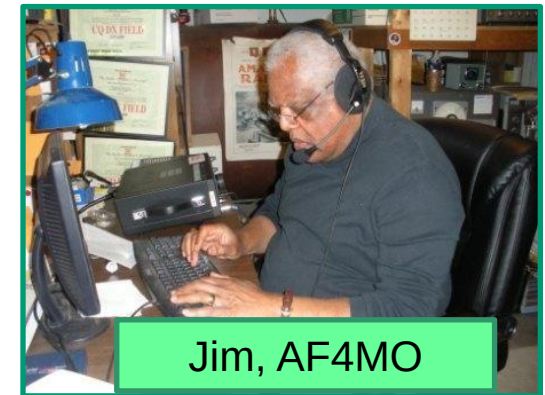
Marty, NV3H



Blair, KC9BBW



Red, N3TG



Jim, AF4MO

Kevin, WB0POH



2016 VQP Plaques and Sponsors (1 of 2)



Plaque	Sponsor
Plaques available only to Virginia Stations	
Virginia Single Operator High Power	North Shenandoah DX Association
Virginia Single Operator Low Power	Don Sambol, K7CS
Virginia Single Operator Phone High Power	Shenandoah Valley ARC
Virginia Single Operator Phone Low Power	John Heartney, KG4NXT
Virginia Single Operator Phone/Mixed QRP	Alexandria Radio Club, W4HFH
Virginia Single Operator CW QRP	Vietnam Veterans (George Marsh, K4GAM)
Virginia Mobile Multiple Operator	In memory of Jim Purks, KF4PQL (SK) (Kevin, W4KLS)
Virginia Mobile Single Operator	Middle Peninsula Amateur Radio Club, in memory of Joe Imburgia, KI4LXT (SK)
Virginia Expedition	Alamance Amateur Radio Club
Virginia Club Combined Score	Vienna Wireless Society
Virginia Club - Virginia QSOs Only	www.hamradio.me (John Huggins, KX4O)
Multiple Operator Single Transmitter Station	Morgan Phenix, K4RHD
Multiple Operator Multiple Transmitter Station	Gordon Miller, NQ4K
Single Operator CW High Power	Loudoun Amateur Radio Group
Single Operator CW Low Power	Loudoun Amateur Radio Group

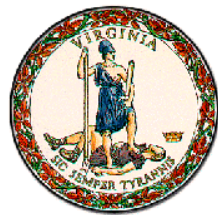


2016 VQP Plaques and Sponsors (2 of 2)

27
plaques



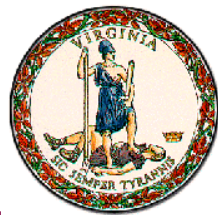
Plaque	Sponsor
Plaques available to any Single Operator Station	
Single Operator VHF Only	Richmond Amateur Telecommunications Society
Single Operator Novice/Tech/Rookie	Richmond Amateur Radio Club
Single Band	Vienna Wireless Society
Single Operator Virginia Counties/Independent Cities Contacted	Tom Zeltwanger, KG3V
Single Operator Digital Mode	Chris Walter, KI4CBF
SO Youth (18 or younger) (Enter age in soapbox or on summary sheet)	K4AMG Memorial Amateur Radio Club
Single Operator Young Adult (19-24) (Enter age in soapbox or on summary sheet) NEW for 2016	K4AMG Memorial Amateur Radio Club
Single Operator VA QSOs Only	www.hamradio.me (John Huggins, KX4O)
Plaques available to Single Operator stations Outside of Virginia	
Outside Virginia Single Operator	Alexandria Radio Club, W4HFH
Outside Virginia Phone/Mixed QRP	Dave Williams, K7HMP *
Outside Virginia Single Operator CW QRP	Rappahannock Amateur Radio Association
Plaque available only to a Single Operator DX station (outside US and Canada)	
DX Station	North Shenandoah DX Association



2016 Virginia QSO Party

Log Metadata Analysis and QSO Analysis

2016 Scoring Party



23 April 2016 at Gordon's QTH



Shiva, KM4NPL Henry, K2BFY Monte, KV4KS Gordon, NQ4K Dick, W2YE

Pre-Party Presentations

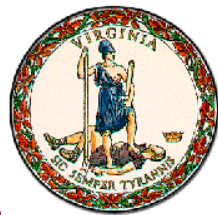


Olde Virginia Hams, 21 Dec 15



Chesapeake Amateur Radio Society, 1 Feb 16

Pre-Party Presentations



Shenandoah Valley Amateur Radio Club, 5 Feb 16



Albemarle Amateur Radio Club, 9 Feb 16

Pre-Party Presentations



Alexandria Radio Club, 12 Feb 16

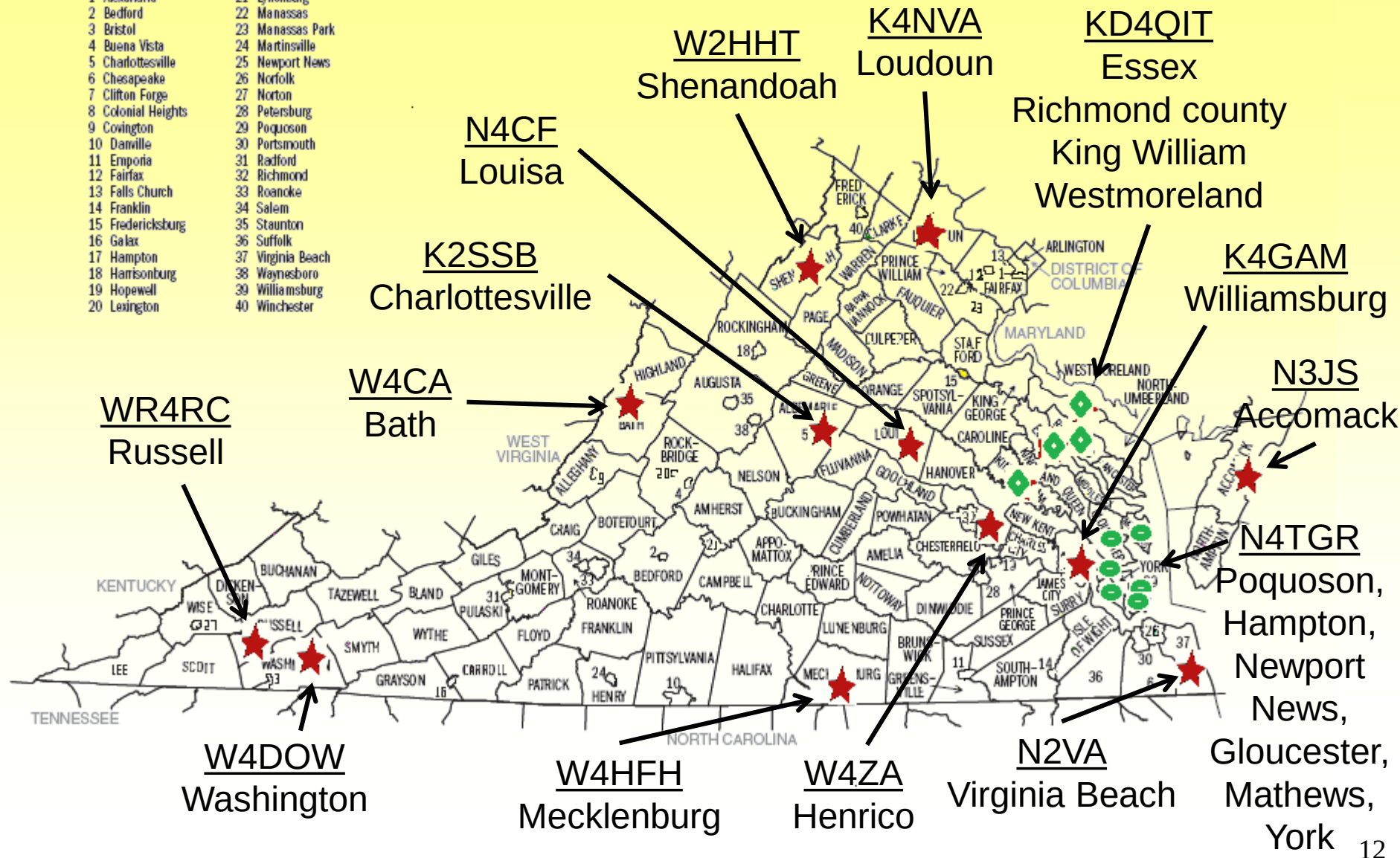


Arlington Amateur Radio Club, 15 Mar 16

2016 Rules Bonus Stations



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





Bonus Stations



Log MetaData

Year	No. of logs
2016	413
2015	375
2014	379
2013	386
2012	356
2011	358
2010	341
2009	364
2008	336
2007	353
2006	279
2005	170
2004	138
2003	142
2002	124
2001	110

Over 400 logs received!

Log MetaData



Mostly Amateur Extras.

License Class	05	06	07	08	09	10	11	12	13	14	15	16
Extra	103	170	229	210	224	213	214	236	253	252	252	282
Advanced	8	17	12	11	9	10	10	14	13	14	15	12
General	32	47	71	67	81	70	83	67	75	67	71	78
Tech	11	20	5	11	16	14	10	6	12	5	10	9
Club	4	4	11	13	11	10	6	18	12	13	16	16
Other	11	21	23	24	23	24	35	15	21	28	11	16
Total											375	413

Log MetaData

Scores	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
High	803,540	523,382	934,990	944,597	1,097,159	1,178,532	608,100	402,774	843,300	1,129,640	926,172	971,861
Average	17,287	17,235	16,975	18,483	18,669	21,910	24,099	16,400	20,772	20,854	17,513	17,179
Median	2,964	3,990	2,109	2,515	2,570	2,976	4,300	3,329	3,330	3,564	3,608	2,678
Low	1	1	0	1	1	2	1 (6x)	1 (2x)	0	0	1 (4x)	1 (x11)

11 logs with just one QSO.

Distribution between modes is about same.

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

Effectively no Digital logs

Log MetaData



Most hams use low power.

Power	05	06	07	08	09	10	11	12	13	14	15	16
Hi-Low	155	260	330									
High				73	80	66	73	63	67	63	51	75
Low				238	263	248	256	272	287	285	285	308
QRP	15	19	23	25	21	25	29	21	32	31	39	30

Expeditions dropped to almost nothing.

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

Log MetaData

Multi-Ops may be rebounding

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

W4COV,
WR4RC

W4VA

K4NVA

KW4VA
(HI
MULTI-
MULTI

Log MetaData



40M remains popular.

Most chase propagation to get QSOs.

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

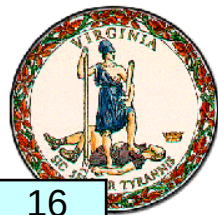
Log QTHs



	05	06	07	08	09	10	11	12	13	14	15	16
VA	110	182	210	208	227	239	250	240	257	243	259	264
Not VA	60	97	143	128	137	102	108	116	129	136		
Other US											107	133
Canada											6	11
DX											3	5
Total	170	279	353	336	364	341	358	356	386	379	375	

Out of State logs went up significantly.

Log QTHs DX



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

Logs from US and Canada (1 of 2)



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

5 or more in GREEN

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

35 states 2 provinces

Logs from US and Canada (1 of 2)



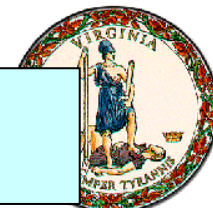
QTH	05	06	07	08	09	10	11	12	13	14	15	16
OK		2	1	1					1			
ON	3	5	9	8	5	3	4	7	5	4	5	10
OR					1	1	1	1	1			1
PA	4	3	6	10	8	12	15	6	12	7	9	9
RI		1		1	2	2	2	3				1
QC	1		3	1	1	1	2	1	1	2	1	1
SC	1		1	1		2		2	1	1	2	5
SD			1	3	1						1	1
SK	1	1	1	3	3			1	1			
TN	2	6	4	4	7	8	5	5	7	9		13
TX	2			1	4	3	1	3	2	3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

5 or more in GREEN

35 states 2 provinces

Logs from VA

Logs from 74 C&IC
Up 4 from last year

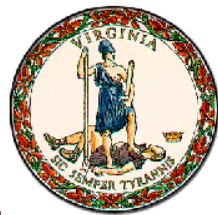


QTH	05	06	07	08	09	10	11	12	13	14	15	16
ACC	1	1				1	3	1		1	1	2
ALB				2	2	3		4	2	2	2	2
ALL	1							1	2	1	1	2
ALX	2	2	1	1	2	2	2	3		2	1	3
AMH	1		1		1	2	2			1	1	1
APP								1				1
ARL	3	4	8	1	4	7	4	4	7	9	8	7
AUG			1	1	1	1	4	4	5	2	3	5
BAT	1	1	2	1	1	3		2		1		1
BED	1	2		2	3	1	3	3	5	3	3	1
BHM							1			1		
BOT						1	1	1	2	3	4	
BRX							1	1	1	1	1	1
CAM			1	2		1	3	1	4	3	2	1
CCY				1	1	1	1		1	1		1
CHE				3	2	2	3	3	1	2	2	2
CHX						2	1	2	2	1	1	2
CLA	2	2	2	2	2	2	3	2	3	4	5	2
CLN							1	1	1	1	1	2
CPX	1	3	7	5	3	9	6	6	5	6	8	7
CRA			1	1	1	1		2	1	1		
CRL		1	1	1	1		1	1		1	1	1
CUL	2	3	2	3	4	4	3	4	5	3	3	2
CUM											1	
CVX	1	2	2	2	1	1	1	1	1	2	1	1
DIC			1		1		1					
DIN					1	1	1	1		1		
ESS		1		1								1
Exp	1	4	4	8	6	3	7	6		3	16	
FAU	11	14	15	12	19	18	14	7	10	14	12	15
FBX	1	1	1	1		1		1	1	2		2
FCX											1	
FFX	12	12	28	15	19	15	23	15	19	22	20	17
FLO					1	2		1				
FLU		1				1		2	1	2	1	4
FRA	2	3	3	3	4	2	3	3	4	3	2	3
FRE	2	3	2	2	3	1	2	7	5	8	5	7
FRX					1	1	1	1		1		1

QTH	05	06	07	08	09	10	11	12	13	14	15	16
FXX			1		1	1	1	2	2	1		
GIL	1	2	1	2	1	1	2	1	1	2	1	1
GLO				2				2	1		3	1
GOO	1	1	2	3	1	1	2	2	1	1		1
GRA								1				
GRN	1	1	1	1	1	1	1		1	1	1	
HAL						1	1					
HAN	2	1	5	2	6	5	5	3	3	2	2	
HAX				1		2	2					
HBX					1	1	2		1	1		
HCO	2	2	5	2	3	4	3	6	3	1	3	5
HOX							1	1	1	1	1	1
IOW	1	1	1	5	6	4	7	4	6	3	3	1
JAM		3	2	4	3	2	3	3	1	2	4	5
KGE				1	1	1	1	1	1			1
KQN								1				1
KWM									1			
LAN		1	2	3	1	3	2	1	2	2	4	5
LDN	14	20	15	13	18	22	24	21	22	20	10	16
LEE					1							
LSA			1	1		2			1	2	2	1
LYX			3	1			1	1	1	1	1	1
MAD			1	1	1							
MAT					1		1	1	2	1	1	1
MAX			1							1		
MPX									1		1	
MEC		1									1	
MID				1								
Mobile	24	55	39	37	47	43	39	40	45	30	39	42
MON	1	1	1	3		2	2	3	2	1	3	2
MVX			1						1		1	
NEL		1	1	1	1			1	1			
NEW			1	1				1	1	1		
NFX			2	1	2	3	2	3	2	2	2	1
NNX							1	1	2	3	2	2
NRX					1							
NUM	2	2	2	3	1	3	5	7	9	9	7	6
ORG					1	2	4	2	4	3	2	3
PAG	1	2	2	1	1	1	1	1	2	3	3	3

QTH	05	06	07	08	09	10	11	12	13	14	15	16
PAT											1	
PIT	2		1		1	3	2					
POW		1	1	2	2	1					1	
POX	1	1		2		1		1	1	1		2
PRG	1							8				
PRW	2	6	11	7	6	7	4	8	11	8	13	13
PUL		1										1
RAP									1			
RAX									1		1	
RBR									1	1	1	
RHM			1	1	1	1	2	1	2	3	2	2
RIC	1											
RIX			2		1	1						
ROA	2	1	4	6	1	2	5	1	1	2	3	3
ROX						1	1	1		1		
RUS			1		1	1	1			1	1	1
SAX			1	2	1	2	2	2	1	1		2
SCO	1	1	1		1							
SHA					1		2					
SHE		1	1	1	1		1	3	3	2	4	3
SMY		3			1		2	1		1		1
SPO			2	1	2	2	2	3	2	2	1	3
STA	2	4	3	5	3	1		1	2		1	2
STX							1					
SUR					1	1	1	1	1	1	1	1
SUS						1	1					
SUX					1				2	3	3	2
TAZ					1							2
VBX		7	6	6	6	4	3	4	6	4	5	9
WAR	1	1	1	1	1	1	2	2	2	2	2	2
WAS											1	1
WAX	1		1	1	1	1	1	1	2	3	1	2
WES		1	1			1						
WIS			1	2	3	2	4					
WIX			4	3		1	2	4	3	2	1	2
WMX	1			1	1	1	1	2	1	2	1	
WYT					1		1			1	1	1
YOR			2	2	1	1	1	1		1	1	1

Logging Programs



Program	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
N1MM	39	50	69	75	94	118	121	139	142	153
N3FJP's VA State QSO Party Program	98	113	127	104	118	112	128	117	126	136
PAPER	81	63	60	46	36	46	48	45	39	48
None Stated	5	22	28	25	13	2	19			6
WriteLog	23	24	19	15	20	11	6	9	10	8
Fat Fingers	38	11	15	24	34	38	20		23	29
GenLog	9	11	10	13	12	7	10	6	7	12
Cabrillo Analyzer		8	10	6	5					
VA QSO LOGGER	32	12	6	4	8	6	4		3	3
NA	5	5	3	4	1	1	1		1	
TR Log POST	3	4	2	2	2	1	1			
Ham Radio Deluxe	2	2	2						2	
Cab-converter(TM)	1				1		3		2	
CU2JT Logger	1	1								
Log-EQF V9	1									
Win-EQF	1	1	1	4	5	4	1		1	
WINLOG32	1									1
Xlog		2			1					
Other		7	12			12	24		6	14
Aether									6	3

N1MM and N3FJP are about the same.

Still a lot of paper and manual logs.

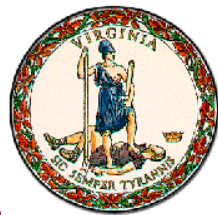
QSO Analysis



Measure	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
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	99320
Non-Virginia contacts	1/3	1/3	1/3	1/3	1/3	1/3	26%		27%	23%	22%	28%
States Contacted		50	50	50	50	50	50	50	50	50	50	50
Provinces Contacted		10	10	14	11	12	12	12	11	12	12	13
DX Entities	~41	68	112	118		119				4%	1%	2%
C&C Not Activated	17	7	6	2	1	3	5	5	4	3	0	3
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	7058 FAU

QSO Analysis

Missing C&IC by Year



C&IC	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
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				
Essex (ESS)					X						
Grayson (GRA)											X
Highland (HIG)				X				X			
Hopewell (HOX)	X										
Martinsville (MVX)	X								X		
Northampton (NHA)	X							X			
Norton (NRX)		X	X								
Nottoway (NOT)		X				X	X				
Patrick (PAT)											X
Petersburg (PBX)	X					X	X				
Poquoson (PQX)	X					X					
Richmond (RIX) (city)									X		
Smyth (SMY)								X			
Tazewell (TAZ)	X										
Wythe (WYT)		X									



Mode QSOs



Mode	2010	2011	2012	2013	2014	2015	2016
CW	9,660	13,137	8,553	12,452	12,108	8,392	10,607
DG	885	1,308	543	600	274	150	709
PH	35,927	39,276	35,692	37,768	39,417	37,250	38,334
Grand Total	46,472	53,721	44,788	50,820	51,799	45,792	49,660

Digital increased.

Band QSOs



Band	No. of QSOs
40M	29319
20M	6074
80M	11008
2M	1565
70cm	525
1.25M	280
33cm	128
15M	430
10M	65
160M	119
6M	146
Grand Total	49660

QSO Analysis

Contacts in Counties and Independent Cities (1 of 3)



C&C	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Accomack	150	156	37	3	109	710	106	592	13	64	134	325
Albemarle	7	84	189	586	172	826	1583	727	933	712	1017	899
Alexandria *	215	145	171	29	316	462	640	447	222	487	334	324
Alleghany	2	11	120	58	63	53	26	67	57	39	90	63
Amelia	26	60	1	53	18	1	0	2	70	1	262	5
Amherst	42	54	582	151	834	426	347	20	9	128	288	234
Appomattox	0	35	48	39	67	3	18	245	5	1	336	198
Arlington	344	411	614	158	262	506	1422	1773	1719	1766	1872	1591
Augusta	4	40	532	604	601	827	1062	1324	2145	1104	1789	2511
Bath	85	124	310	944	862	359	13	517	4	1017	15	512
Bedford	61	539	1208	663	737	584	961	783	2130	1117	1424	560
Bedford *	24	21	63	49	35	73	62	95	84	n/a	n/a	n/a
Bland	0	4	2	32	4	2	28	0	118	8	64	1
Botetourt	1	18	49	113	49	62	245	200	414	520	659	511
Bristol *	0	9	0	5	6	10	63	461	796	781	686	392
Brunswick	31	46	3	60	23	28	29	2	27	21	35	14
Buchanan	2	2	1	0	1	0	25	0	203	19	22	40
Buckingham	74	113	34	62	20	0	845	9	0	197	117	33
Buena Vista *	1	2	56	71	56	84	12	127	79	2	104	32
Campbell	4	58	169	129	89	142	577	322	1158	787	615	231
Caroline	5	24	51	85	35	17	434	356	162	524	387	1036
Carroll	8	201	144	574	238	87	654	337	196	547	559	424

C&C	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Charles City	0	5	0	53	189	194	27	57	199	164	5	14
Charlotte	20	33	0	69	28	5	7	14	46	2	234	122
Charlottesville *	1	20	80	59	23	106	186	214	198	139	165	184
Chesapeake *	15	185	715	433	234	728	1404	1234	1162	865	1419	1736
Chesterfield	58	76	193	639	306	132	640	1249	887	773	706	737
Clarke	127	348	403	645	222	220	316	468	335	343	3638	3702
Colonial Heights *	0	3	13	72	2	1	0	2	62	0	287	93
Covington *	25	86	398	153	132	118	111	86	6	645	521	243
Craig	1	9	128	106	104	242	89	561	479	519	81	74
Culpeper	531	1164	1320	2212	2835	2516	2809	2424	2090	2260	2695	1608
Cumberland	86	116	9	45	14	4	35	4	15	6	438	71
Danville *	0	0	34	1	115	184	163	50	9	1	104	34
Dickenson	47	30	242	45	458	156	130	48	243	170	73	
Dinwiddie	26	1	18	53	22	628	200	173	288	129	592	129
Emporia *	18	37	11	56	22	24	20	0	21	9	152	14
Essex	0	552	12	166	29	0	45	201	22	138	55	90
Fairfax	1545	1304	3602	1933	3113	3142	4274	2192	4005	3428	2777	2354
Fairfax *	82	143	415	162	326	146	223	370	491	260	139	217
Falls Church *	63	90	66	1	78	12	1	142	17	4	227	41
Fauquier	1550	3936	5434	5272	8804	5970	8476	6269	6528	9013	5025	7058
Floyd	80	124	26	87	308	169	295	230	110	87	121	109

GREEN: 5 Loc more than 2,000

QSO Analysis

Contacts in Counties and Independent Cities (2 of 3)



C&C	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Fluvanna	42	105	95	87	70	52	62	381	221	860	473	918
Franklin	144	844	584	626	579	694	1184	1130	1302	859	1050	720
Franklin *	15	58	28	84	44	68	230	94	72	55	13	18
Frederick	86	322	948	149	405	359	615	970	710	1571	923	1259
Fredericksburg *	132	881	1222	233	52	676	52	445	814	2163	89	1261
Galax *	3	1	37	36	47	60	171	20	157	56	127	3
Giles	222	405	44	392	448	265	626	316	281	458	251	127
Gloucester	3	7	114	211	81	126	2	256	345	56	665	619
Goochland	2789	2562	4605	4346	3772	3527	2898	3100	1721	1925	3	1541
Grayson	9	11	48	86	8	37	84	26	109	64	36	
Greene	98	305	542	427	456	538	624	493	456	730	731	72
Greensville	21	29	11	50	20	20	26	9	19	41	225	39
Halifax	49	26	30	66	18	561	626	54	79	8	195	111
Hampton *	6	24	47	319	51	546	831	3	29	100	378	80
Hanover	352	151	1154	840	2063	2085	2071	949	1282	799	887	242
Harrisonburg *	11	35	18	29	350	303	832	1	155	211	124	46
Henrico	142	222	1032	1136	652	1348	1510	1480	618	166	687	514
Henry	1	1	33	108	85	172	297	85	54	1	94	111
Highland	0	1	84	28	0	8	1	16	0	1	308	3
Hopewell *	1	0	6	13	18	2	159	139	248	701	467	199
Isle of Wight	66	124	242	573	988	2258	967	1935	1811	1341	1184	271
James City	15	610	760	1025	1312	239	857	885	323	360	983	1365

C&C	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
King & Queen	2	14	6	41	55	25	34	32	168	119	124	674
King George	24	46	86	44	311	311	991	860	1129	15	145	757
King William	1	16	3	63	30	3	30	27	66	101	43	45
Lancaster	0	126	616	891	628	1032	984	602	1098	386	490	432
Lee	0	1	3	14	65	1	287	24	57	46	33	3
Lexington *	0	2	58	60	42	69	15	88	15	1	183	1
Loudoun	1299	3465	3586	4347	8629	9178	####	8463	####	####	3324	5228
Louisa	13	42	712	711	32	196	58	136	139	748	995	1002
Lunenburg	12	45	9	49	72	1	49	55	90	128	192	73
Lynchburg *	9	42	786	322	147	53	259	168	643	240	417	129
Madison	15	329	61	434	447	259	373	568	561	216	290	177
Manassas *	111	220	109	101	152	117	249	382	153	84	156	146
Manassas Park *	56	196	118	76	120	90	302	267	165	141	174	211
Martinsville *	0	0	60	208	62	40	258	48	442	0	400	137
Mathews	0	10	52	213	187	62	28	200	305	222	292	630
Mecklenburg	38	394	9	59	34	54	55	3	32	45	54	512
Middlesex	1	13	47	304	186	24	14	16	12	102	19	10
Montgomery	118	1280	1817	1751	213	1197	613	612	598	1016	345	363
Nelson	10	111	287	230	275	47	121	157	554	21	268	62
New Kent	0	12	699	329	31	12	32	161	1056	103	43	21
Newport News *	11	16	54	27	43	129	691	930	686	892	475	1210
Norfolk *	5	18	151	151	113	291	162	214	244	249	188	96

QSO Analysis

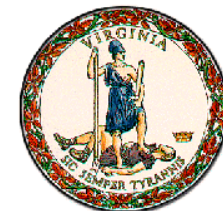
Contacts in Counties and Independent Cities (3 of 3)



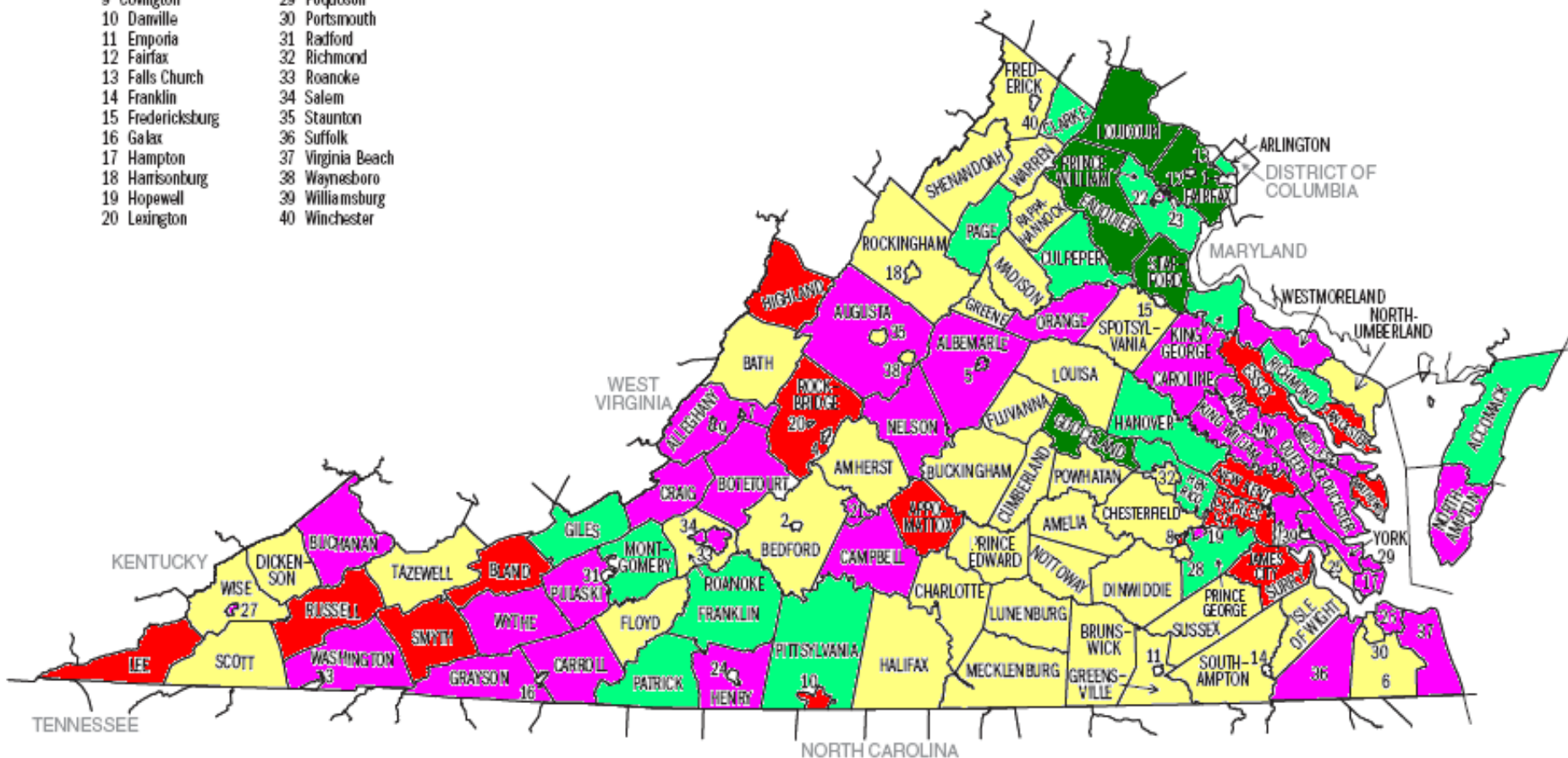
C&C	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Northampton	3	0	132	15	187	137	1	55	0	5	9	5
Northumberland	23	140	195	267	145	976	2038	2307	2711	3154	3023	2643
Norton *	1	2	0	0	28	7	25	22	34	57	50	1
Nottoway	25	61	0	27	28	2	0	0	75	30	212	127
Orange	9	40	175	124	500	681	284	1186	1501	1165	794	1279
Page	286	825	1237	910	755	627	839	778	1035	1137	1055	842
Patrick	107	179	3	384	409	652	707	361	225	2	505	
Petersburg *	25	0	1	70	17	1	0	0	81	26	274	50
Pittsylvania	200	1	109	92	207	776	1065	63	59	34	165	96
Poquoson *	7	0	27	10	21	11	0	1	11	12	487	566
Portsmouth *	38	34	108	146	123	69	31	43	88	98	103	187
Powhatan	54	1166	2223	1919	1157	1922	15	4	12	25	167	15
Prince Edward	47	91	20	51	54	3	27	151	209	8	278	80
Prince George	333	3	19	60	46	25	10	3	76	27	265	81
Prince William	396	1166	3031	2125	974	2580	2728	2498	1447	1914	3537	2636
Pulaski	7	288	4	30	2	30	42	6	262	93	90	57
Radford *	4	5	1	21	4	54	51	72	66	22	32	21
Rappahannock	79	440	274	896	298	491	335	756	649	426	413	133
Richmond	364	65	23	87	68	7	46	107	4	81	83	129
Richmond *	19	14	201	36	77	78	169	34	60	0	132	148
Roanoke	44	93	409	217	144	416	593	634	250	403	366	357
Roanoke *	10	17	208	225	108	990	801	243	65	91	71	35
Rockbridge	0	37	76	103	177	125	86	226	278	293	650	7

C&C	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Rockingham	19	108	370	562	677	710	1036	798	948	1431	1533	1085
Russell	0	51	47	34	215	393	98	52	286	180	203	112
Salem *	3	20	127	499	136	453	75	409	280	312	68	349
Scott	53	91	77	61	186	59	104	46	206	48	109	9
Shenandoah	48	200	216	64	36	71	129	653	295	472	520	621
Smyth	0	1153	2	9	211	5	428	253	0	434	32	574
Southampton	14	37	15	65	114	37	817	10	7	26	32	62
Spotsylvania	20	92	325	199	409	161	397	443	428	506	173	356
Stafford	1193	1623	1295	1671	1020	131	153	1235	341	100	332	467
Staunton *	13	35	86	64	58	43	43	22	18	2	152	558
Suffolk *	1	41	7	44	87	66	37	59	306	154	645	496
Surry	0	1	1	22	182	205	352	237	202	192	348	57
Sussex	12	5	6	63	30	43	1020	5	5	8	181	67
Tazewell	36	0	26	52	489	70	177	16	233	168	114	530
Virginia Beach *	9	2421	1083	993	1029	1897	360	506	715	236	1330	2216
Warren	83	357	316	415	205	454	670	832	515	770	484	418
Washington	3	19	10	10	159	12	116	52	43	199	416	225
Waynesboro *	38	56	424	266	352	508	390	273	418	1114	533	677
Westmoreland	6	89	23	25	30	396	31	50	79	106	89	164
Williamsburg *	1	3	92	134	85	103	76	115	80	595	61	3
Winchester *	21	89	163	103	9	107	654	1099	661	214	188	237
Wise	11	3	144	711	902	1240	1293	40	109	112	102	4
Wythe	5	3	0	45	175	52	226	20	75	1064	1176	1030
York	2	35	368	462	382	169	352	310	59	558	402	641

2005 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 |



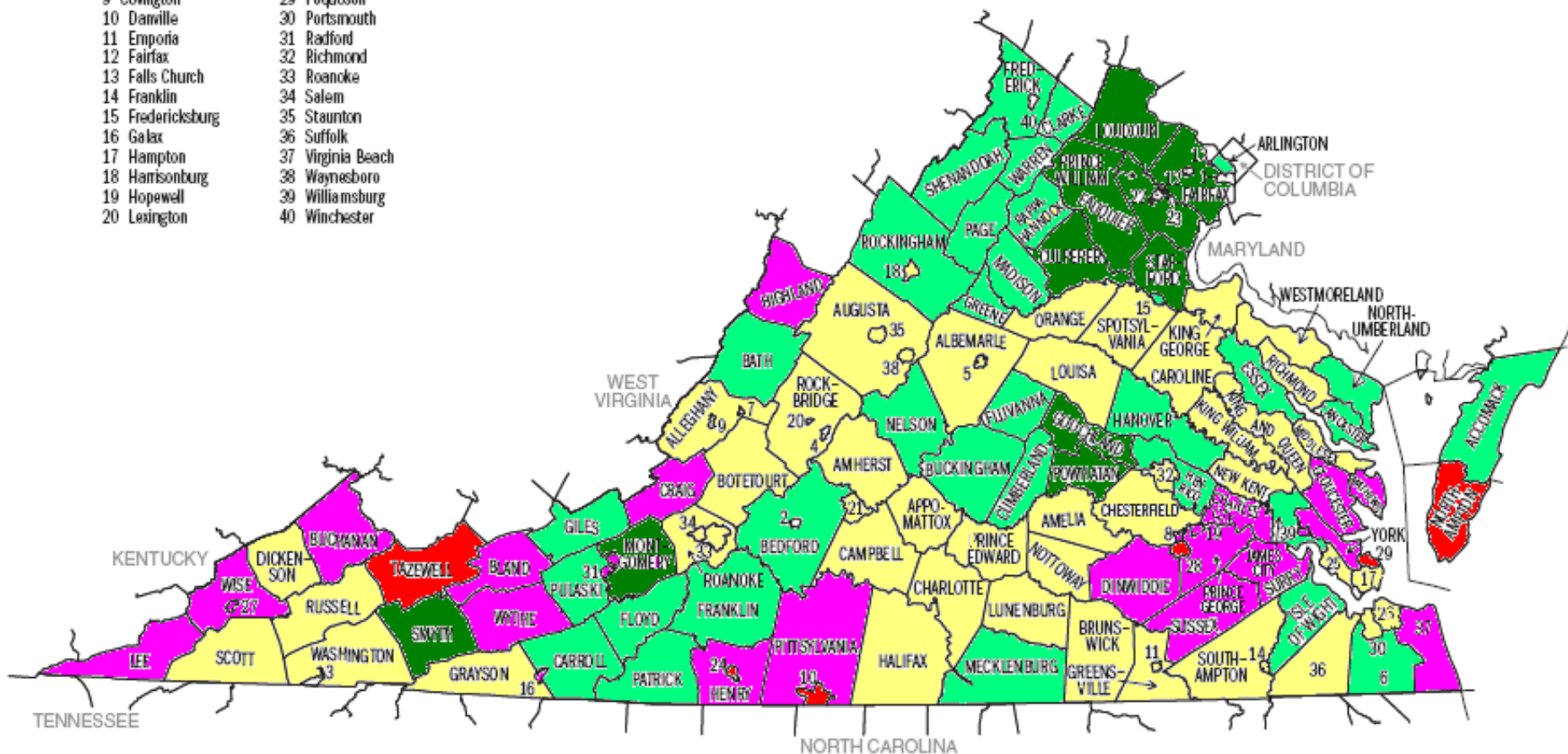
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2006 QSO Contact Analysis

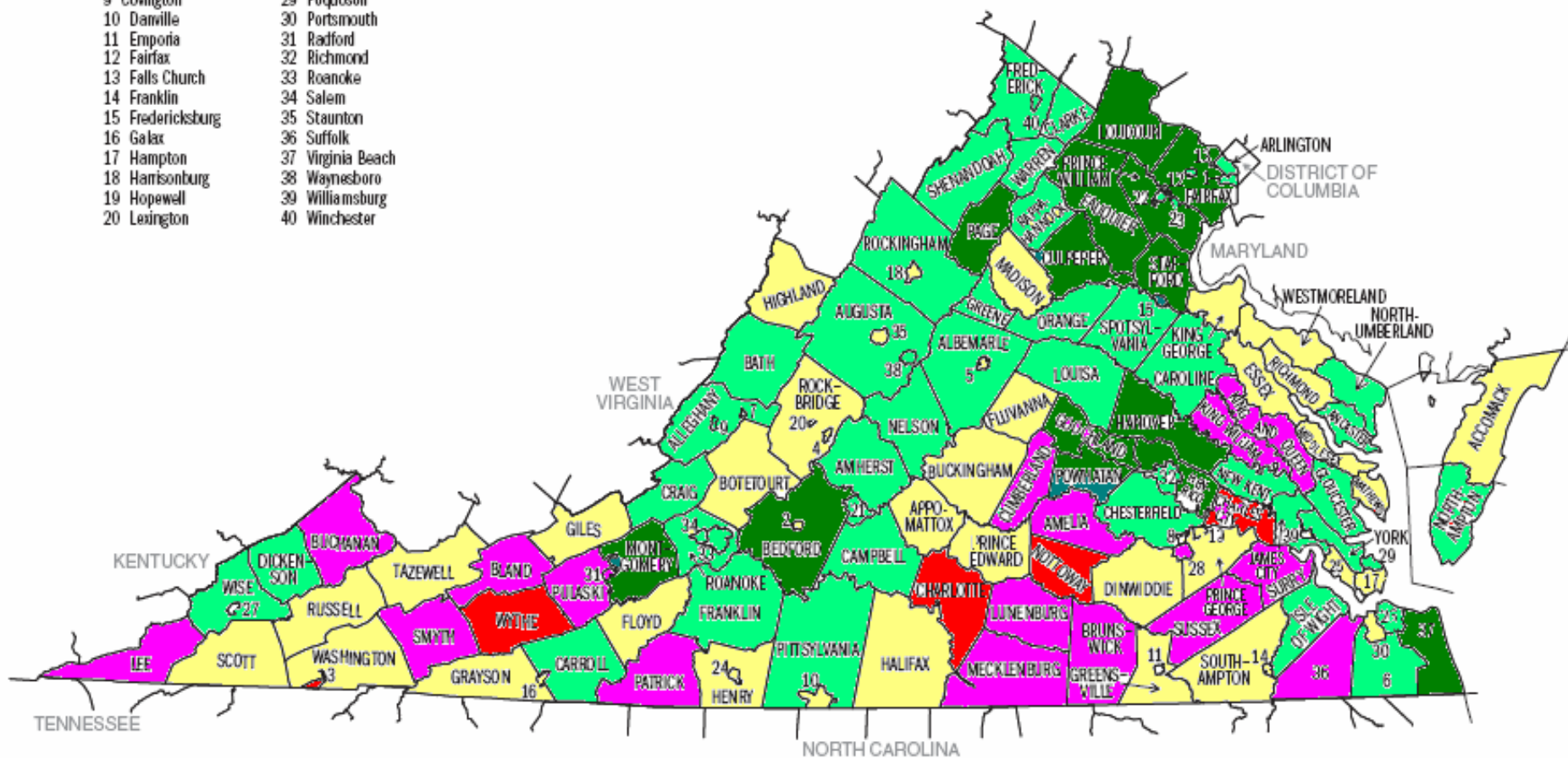


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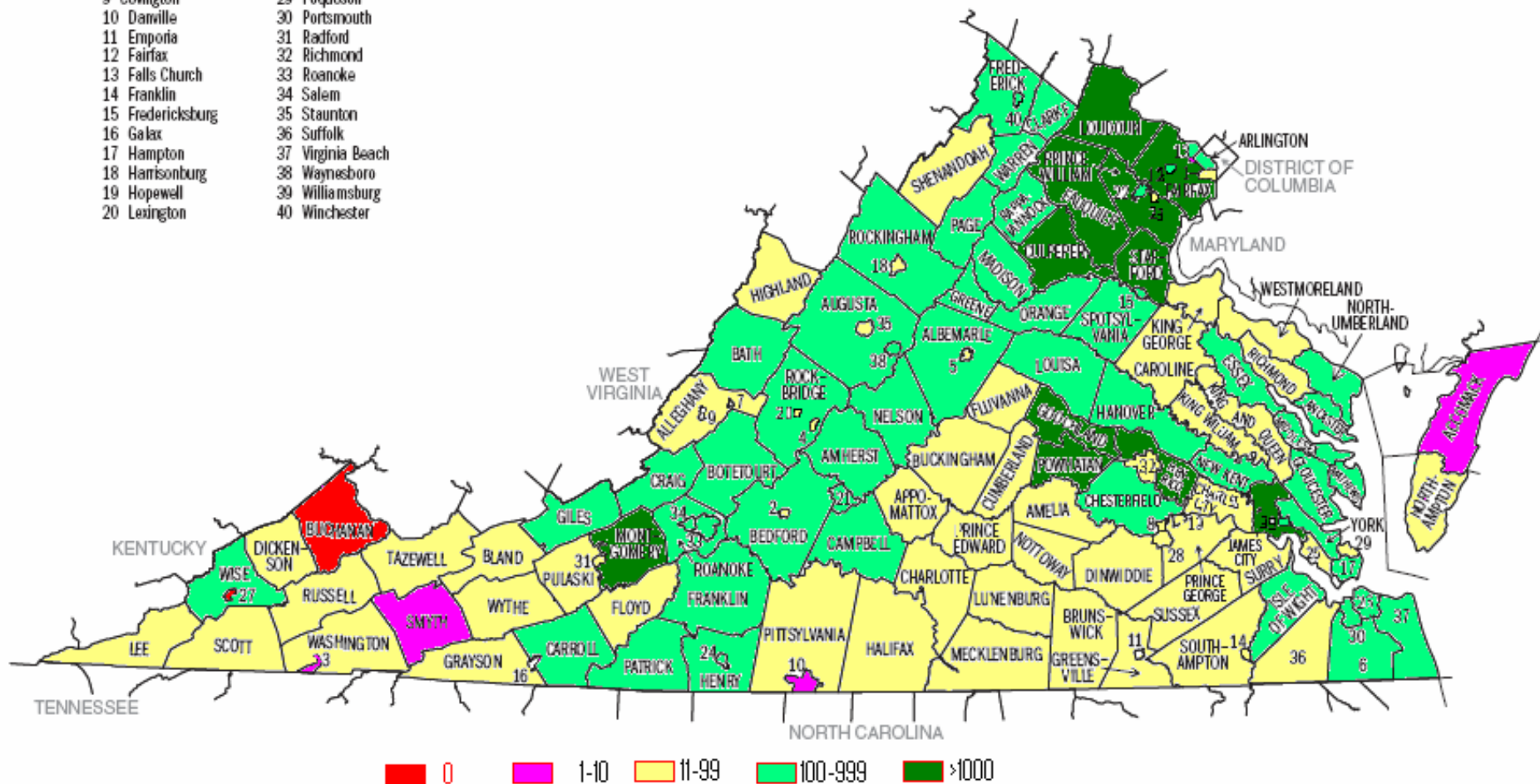
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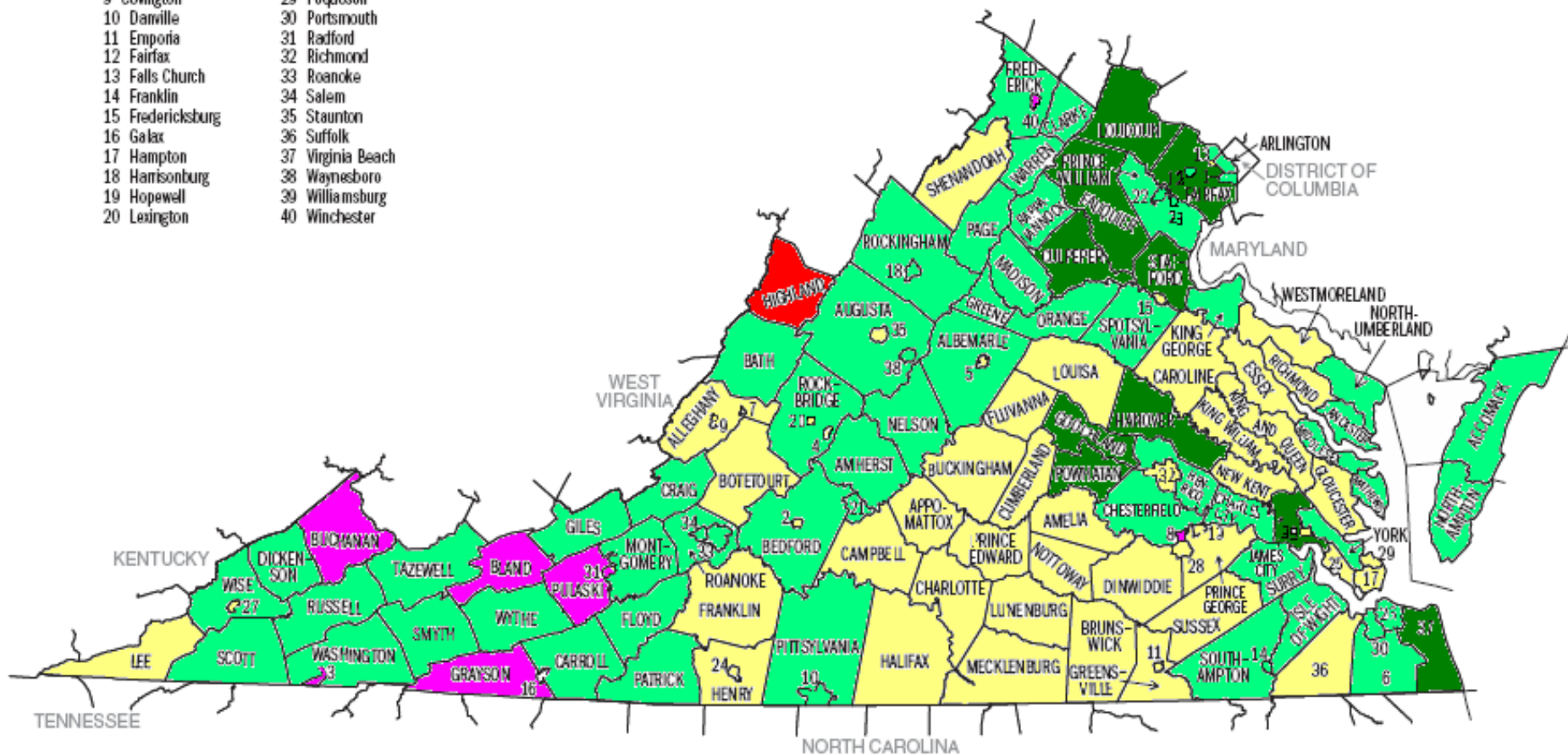
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| 19 Hopewell | 39 Williamsburg |
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2009 QSO Contact Analysis

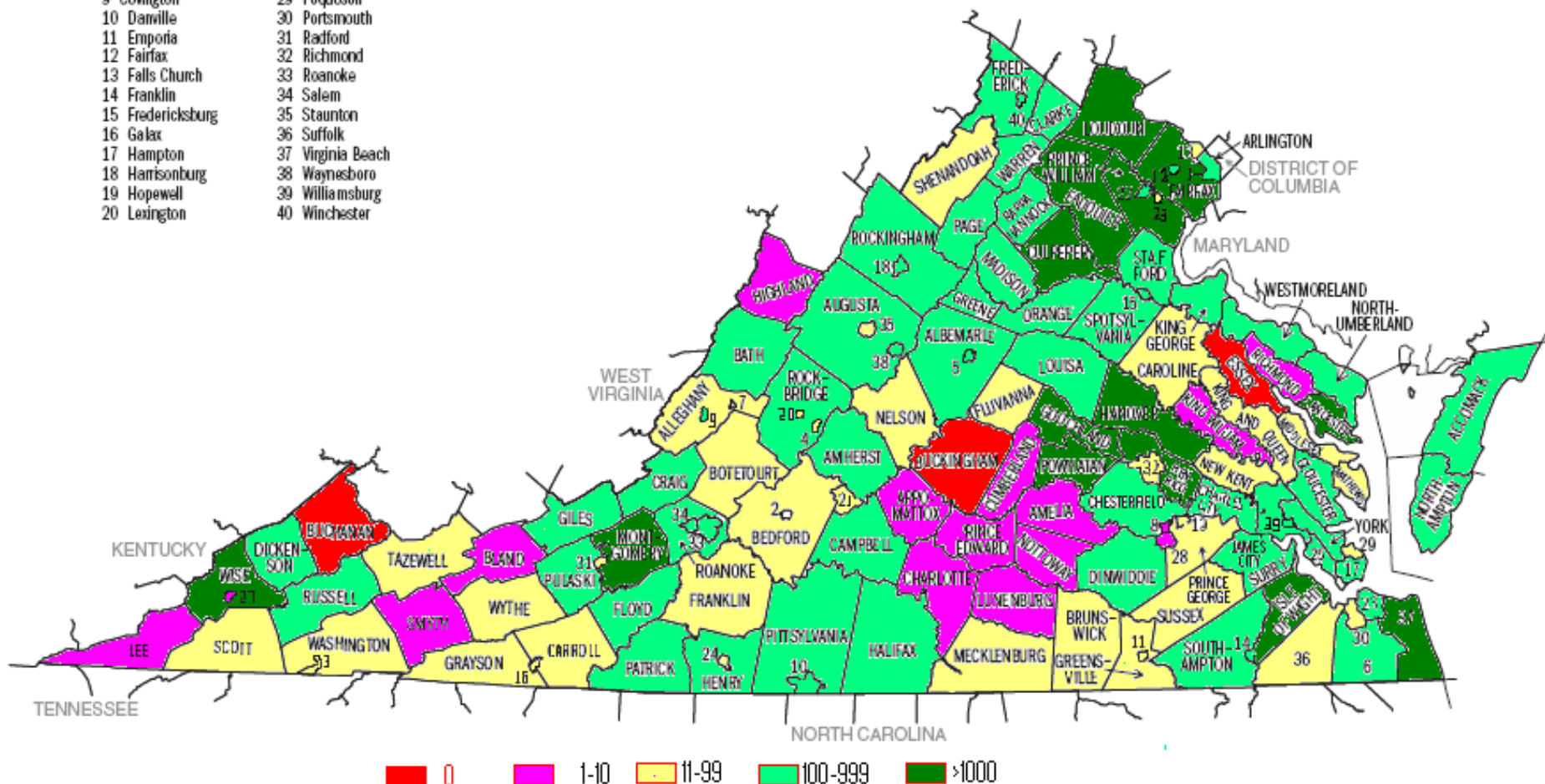


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| 19 Hopewell | 39 Williamsburg |
| 20 Lexington | 40 Winchester |



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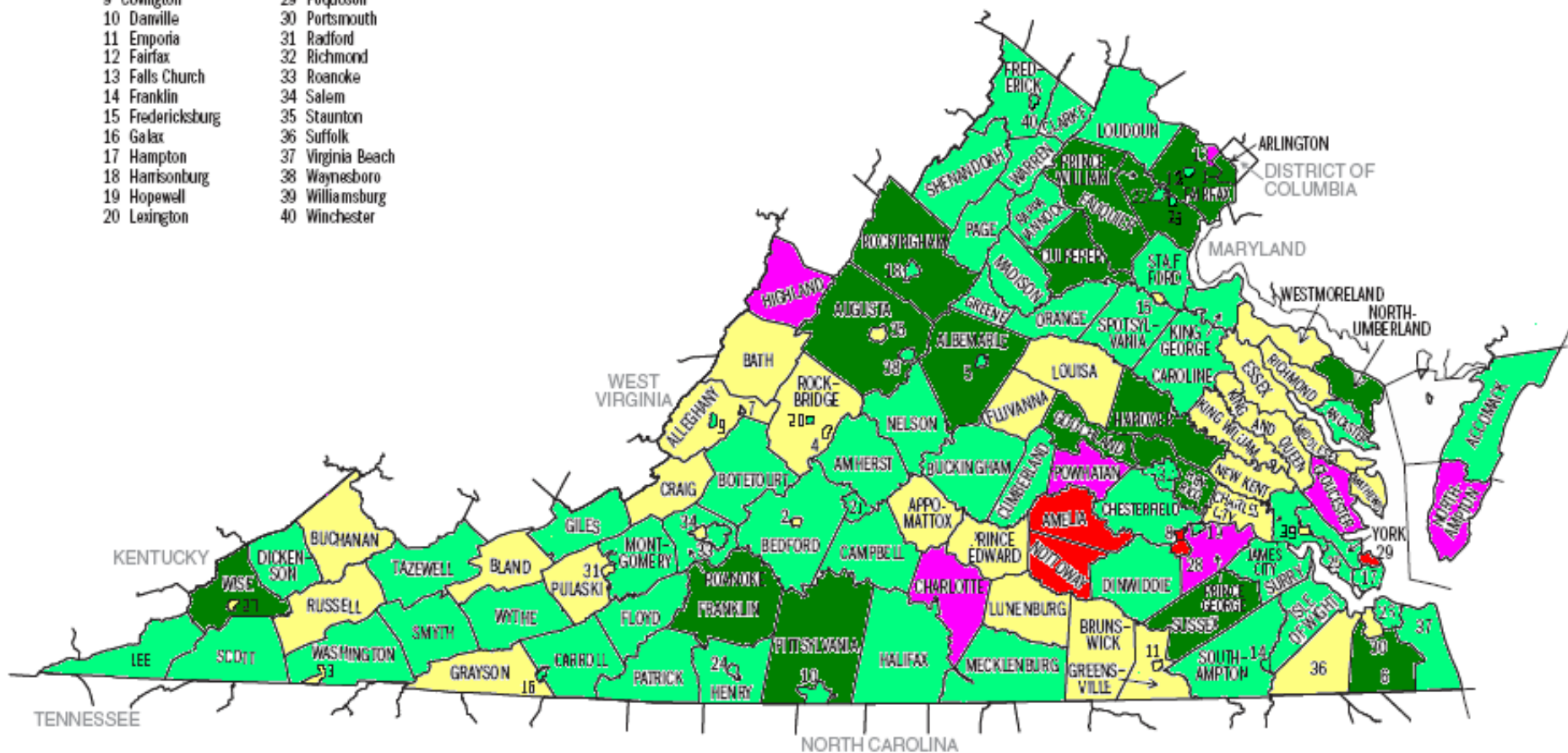
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2011 QSO Contact Analysis

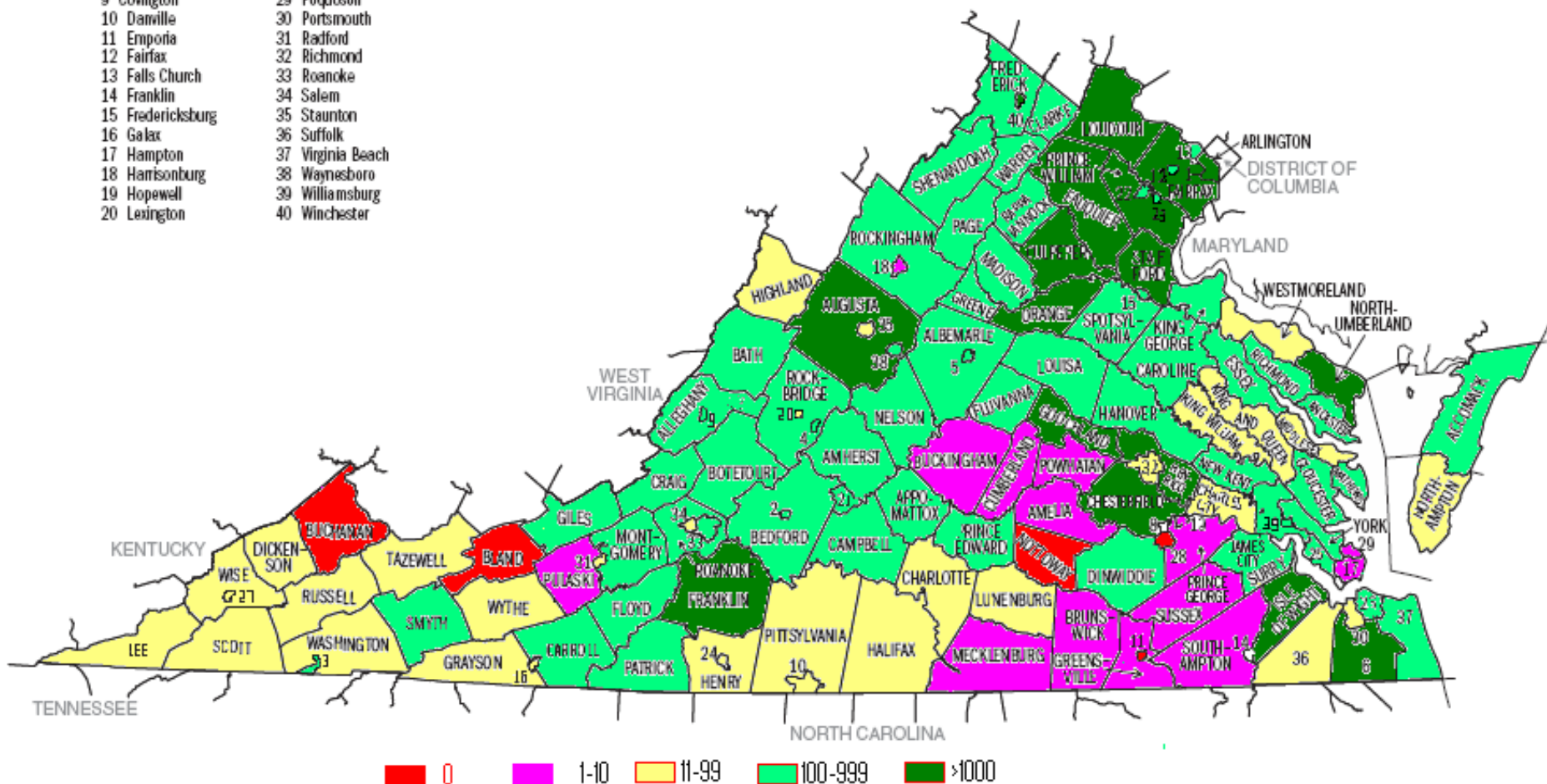


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| 9 Covington | 29 Poquoson |
| 10 Danville | 30 Portsmouth |
| 11 Emporia | 31 Radford |
| 12 Fairfax | 32 Richmond |
| 13 Falls Church | 33 Roanoke |
| 14 Franklin | 34 Salem |
| 15 Fredericksburg | 35 Staunton |
| 16 Galax | 36 Suffolk |
| 17 Hampton | 37 Virginia Beach |
| 18 Harrisonburg | 38 Waynesboro |
| 19 Hopewell | 39 Williamsburg |
| 20 Lexington | 40 Winchester |

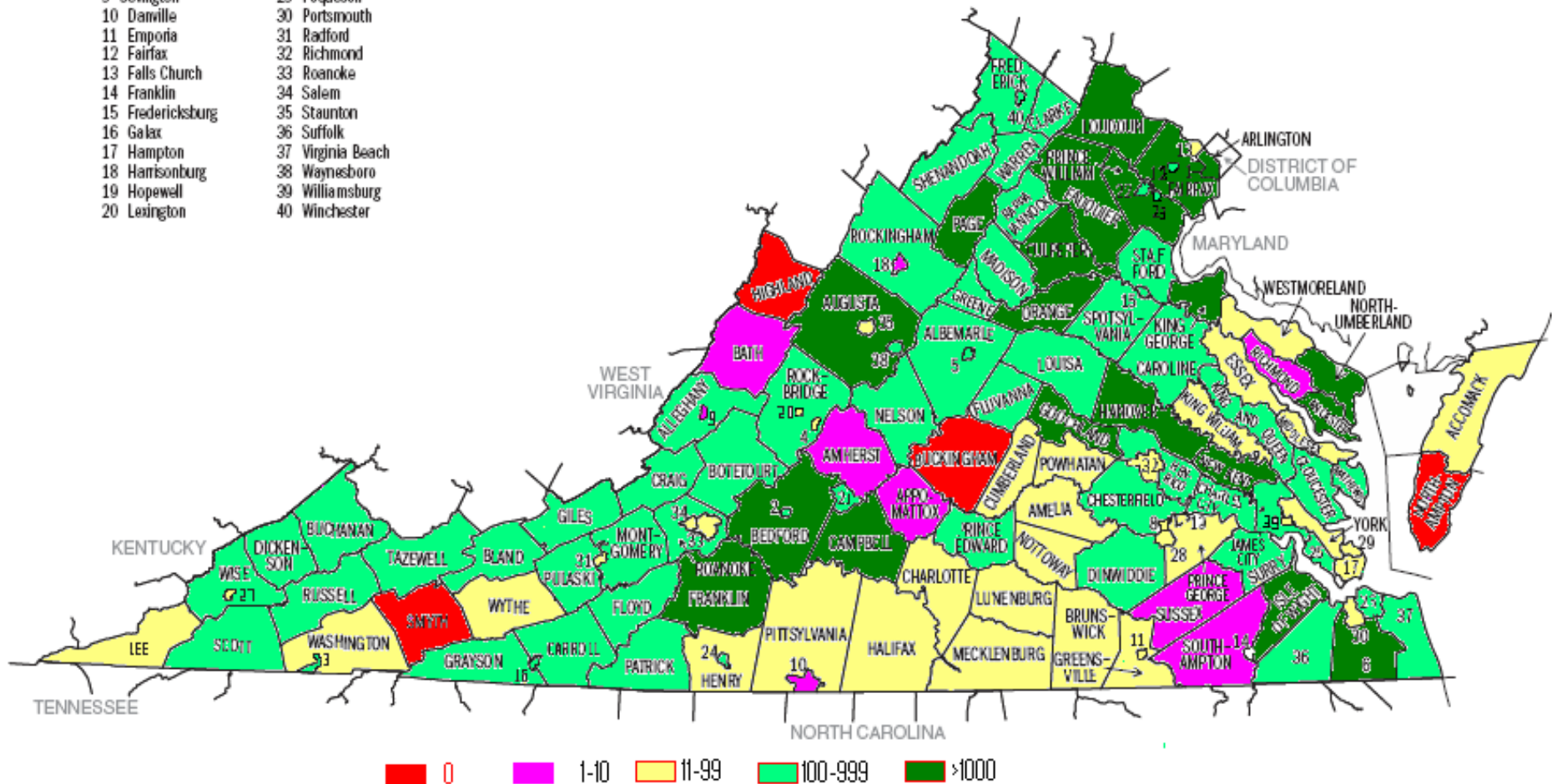


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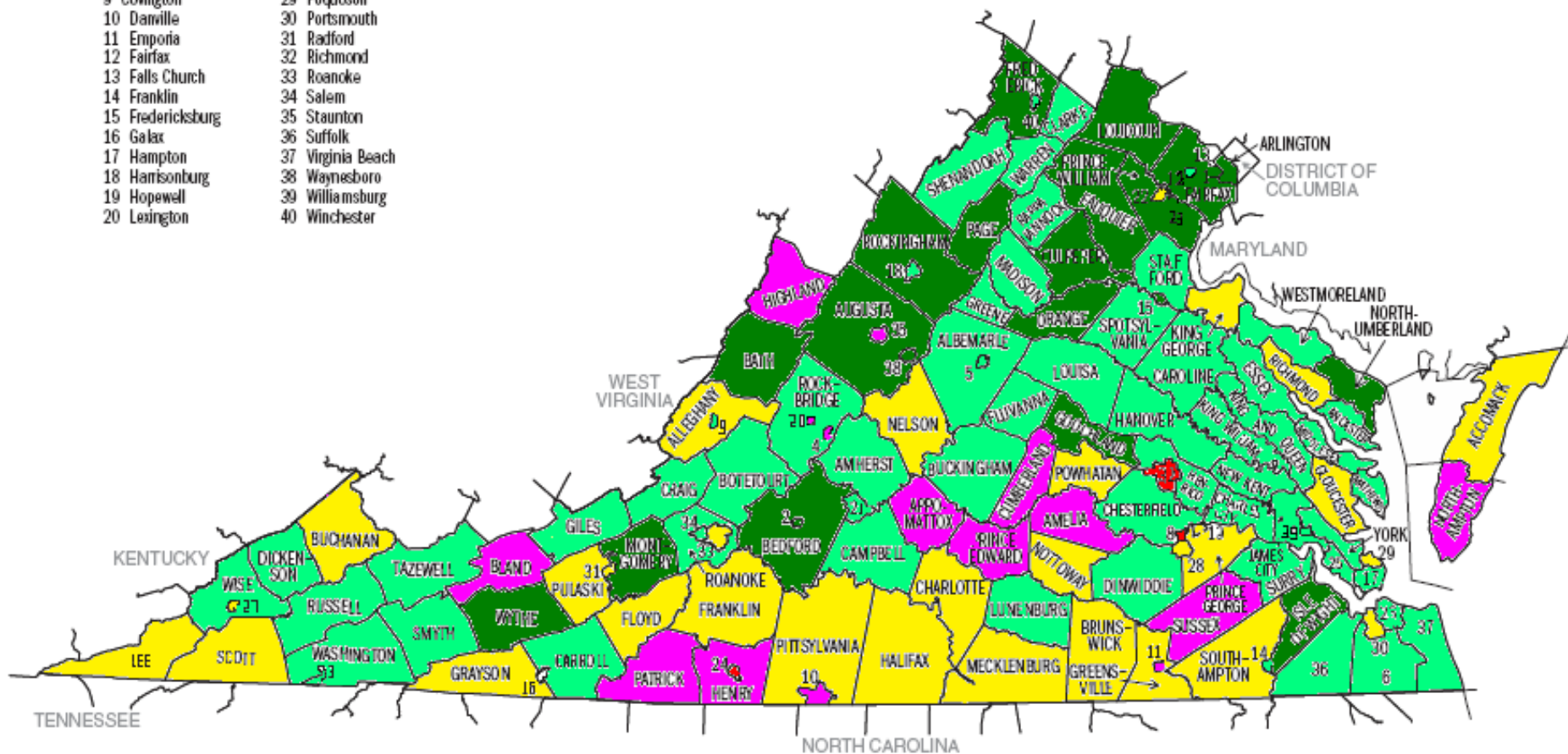
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|--------------------|-------------------|
| 1 Alexandria | 21 Lynchburg |
| 2 Bedford | 22 Manassas |
| 3 Bristol | 23 Manassas Park |
| 4 Buena Vista | 24 Martinsville |
| 5 Charlottesville | 25 Newport News |
| 6 Chesapeake | 26 Norfolk |
| 7 Clifton Forge | 27 Norton |
| 8 Colonial Heights | 28 Petersburg |
| 9 Covington | 29 Poquoson |
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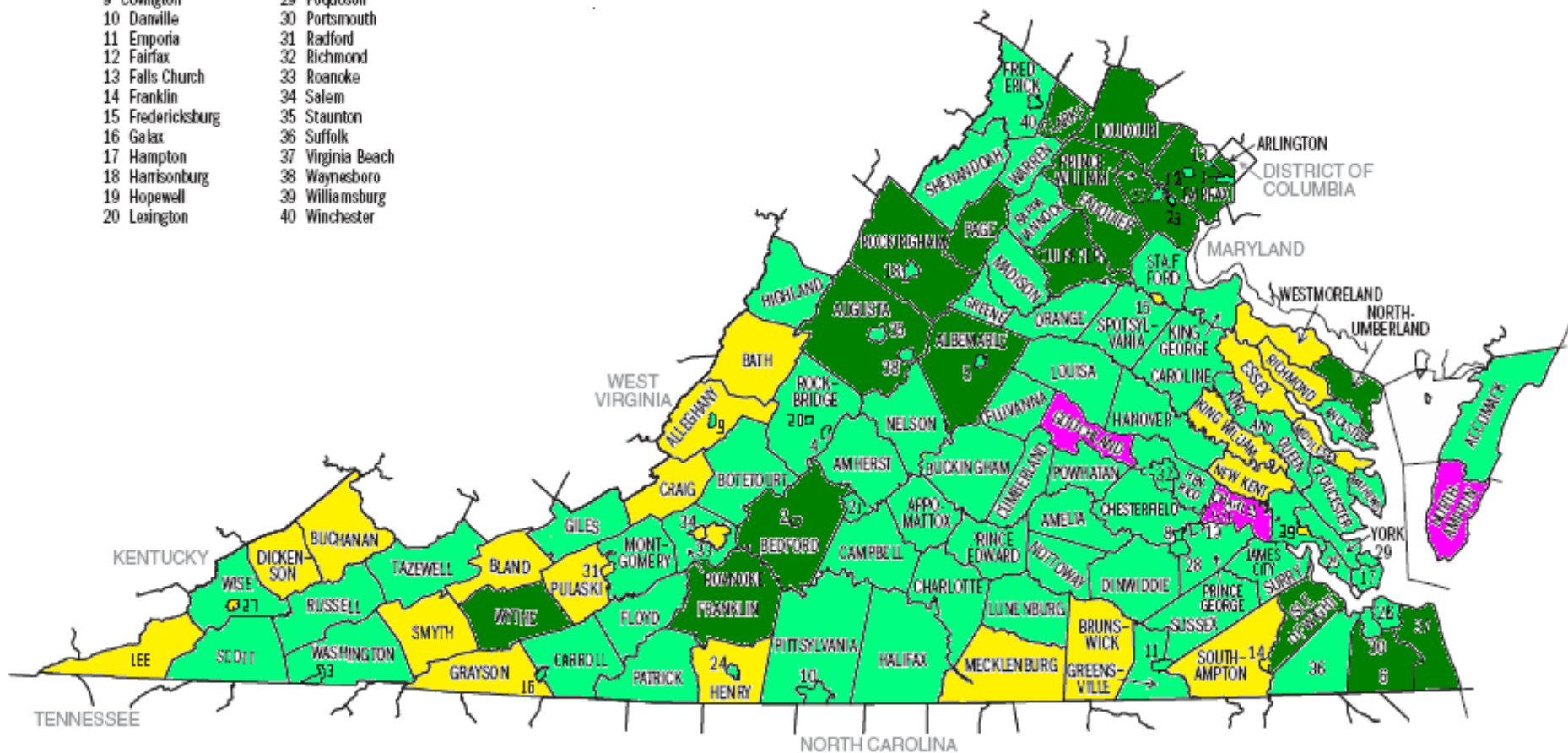


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2015 QSO Contact Analysis



- | | |
|--------------------|-------------------|
| 1 Alexandria | 21 Lynchburg |
| 2 Bedford | 22 Manassas |
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| 5 Charlottesville | 25 Newport News |
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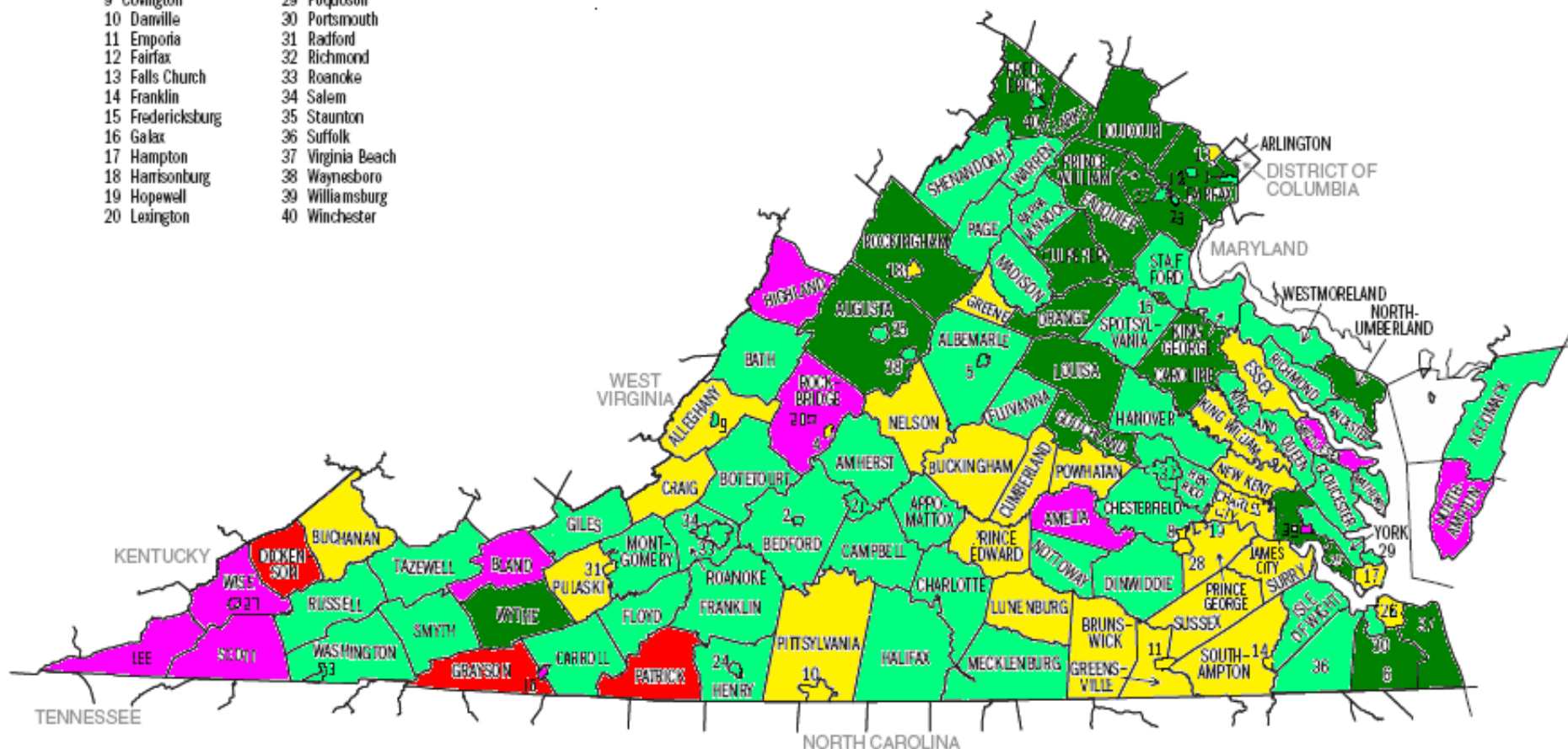


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2016 QSO Contact Analysis

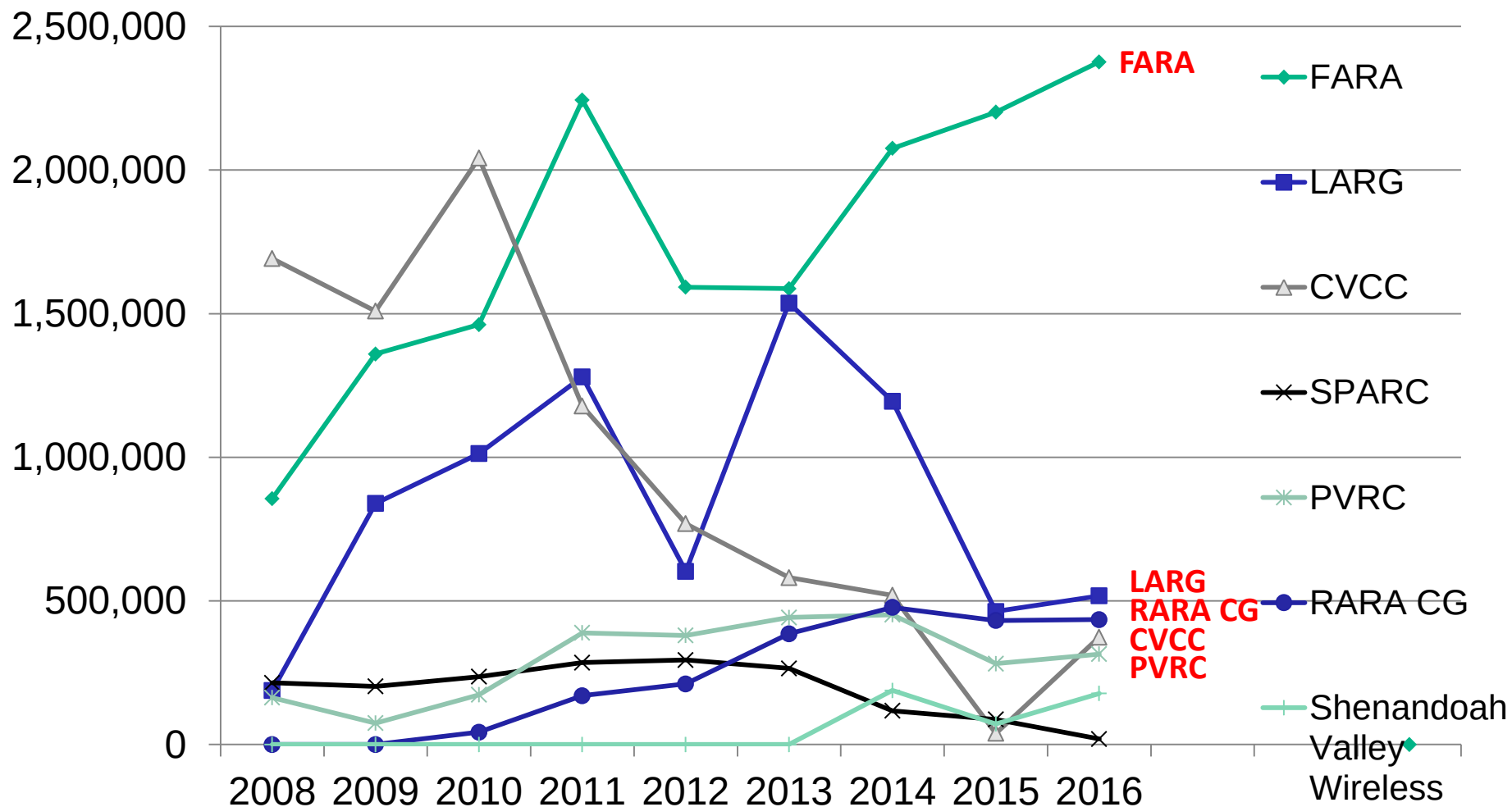


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|--------------------|-------------------|
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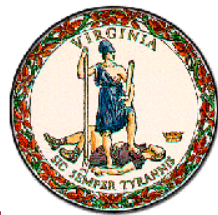
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High Club - Combined Score





Log Counts by Club

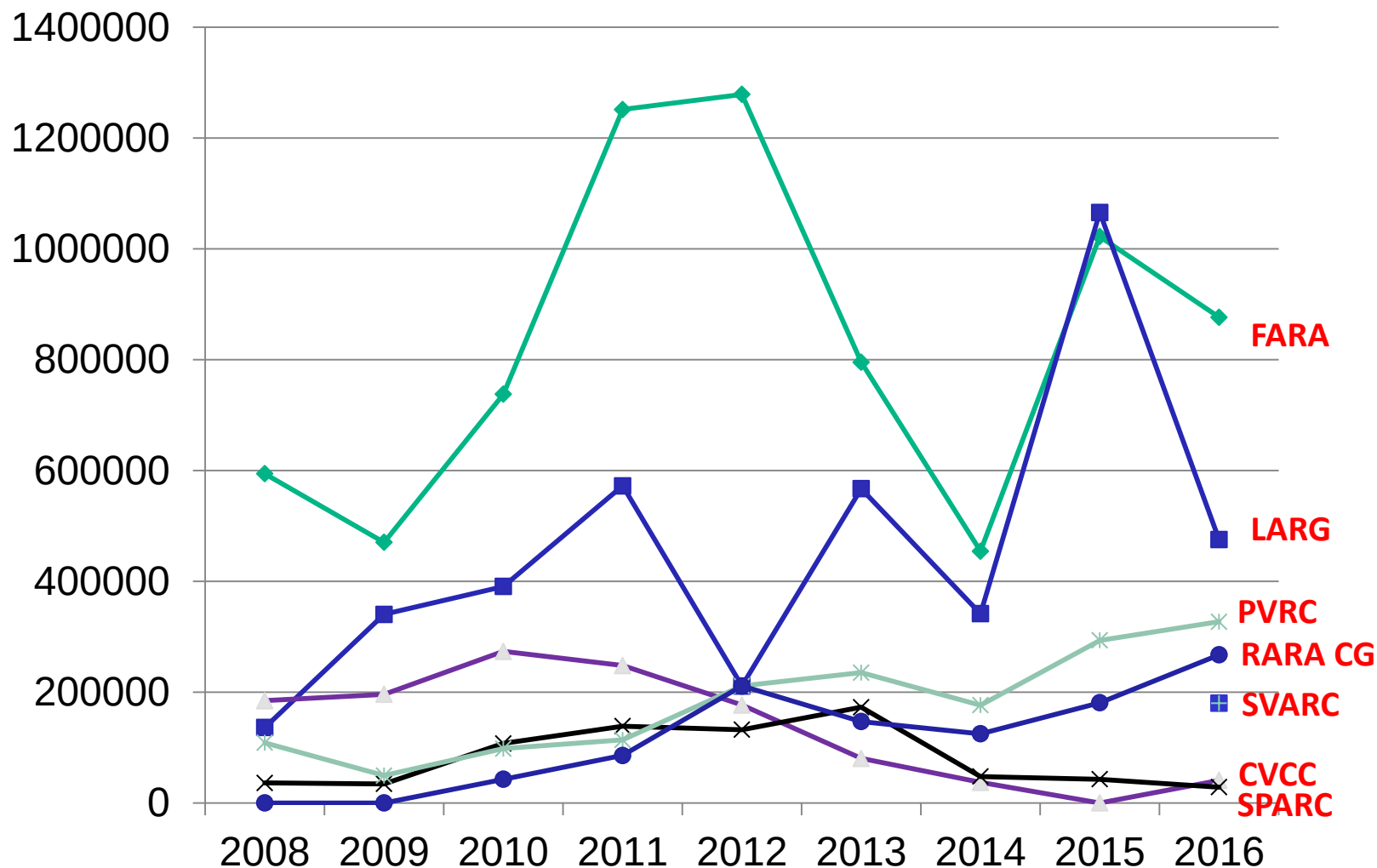


Club	2010	2011	2012	2013	2014	2015	2016
None Given	108	123	126	122	128	118	133
Fauquier ARA	35	32	27	28	29	30	30
Potomac Valley Radio Club	7	8	13	14	18	16	23
Loudoun ARG	24	25	17	28	25	19	20
RARA Contest Group	3	5	7	18	16	14	17
Shenandoah Valley ARC	4	6	14	12	14	7	12
Ole Virginia Hams	5	4	6	12	11	12	11
Chesapeake ARS Inc., W4CAR	10	6	8	6	9	9	11
Sterling Park ARC	15	11	12	15	7	7	10
Arlington ARC	4	5	3	5	9	8	9
Alexandria Radio Club	5	6	13	9	7	8	7
Shenandoah Valley Wireless					6	3	7
Tennessee Contest Group	5	4	4	2	3	8	6
Williamsburg Area ARC	2	5	3	3	2	7	6
Roanoke Valley ARC	11	9	10	4	5	6	5
Virginia Mountain ARC				2	2	2	5
Ontario Contest Group							5
Frankford Radio Club	4	3	6	4	5	3	4

Club	2010	2011	2012	2013	2014	2015	2016
Yankee Clipper Contest Club	2		3	3	3	3	4
Albemarle Amateur Radio Club	3	4	4	6	3	1	4
Rappahannock Valley ARC							4
Kentucky CG							4
Richmond ARC							4
St. Marys ARC							3
Woodbridge Wireless Inc						6	3
Page Valley ARC					4	4	3
Vienna Wireless Society	3	9	7	5	7	2	3
QCWA	9	7	3	3	2	1	3
Middle Peninsula ARC	2		5	2	2	6	2
Society of Midwest Contesters	2		2	2	4	2	2
Central Virginia Contest Club	10	11	10	4	3	2	2
Western Tidewater Radio Assoc	7	12	7	9	6	7	2
Kansas City CC							2
Delara Contest Team							2
Northern Neck ARC							2

Clubs with 2 or more logs submitted in 2016.

High Club – VA QSOs Only



Plaque Recipients by Club

Club	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Alabama Contest Club		1									
Alamance ARC	1		1	1	1	2	1	4	1	1	
Alexandria Contest Club		1		1							
AMRAD									1		
Arlington ARC			1								
CVCC	3	3	4	3	4	2	1	1			1
Fauquier ARA	4	5	3	4	7	7	9	5	7	7	9
Fluvanna County ARES									2		
Franklin County ARC	1	1	1	1	2	1		1		1	1
Gloucester County ARC									1		
Loudoun ARG	1		1		1	2	2	3	4	3	4
Mad River Radio Club		1	1	1	1						
Mount Vernon ARC		1	1								
None Stated / Other	3	3	3	5	4	9	9	5	5	5	4
Not Awarded			2								1
Ontario Contest Club	2	2									
PVRC	2	3	1							1	
RARA Contest Group									3	1	
Roanoke Valley ARC								1	1		1
Rappackers Contest Group			2	3							
Rockbridge ARC					1						
Shenandoah Valley ARC								1			
South East Contest Club	1		2					1			
Sterling Park ARC					1			1			
Tennessee Contest Group				3							
VA DX Century Club	1										
Western Tidewater Radio Assoc					2	1	1	1		1/2	
Williamsburg Area ARC				1						1	
The Ferguson ARC										1	
Swamp Fox Contest Club										1	
Chesapeake ARS										2-1/2	
Kentucky CG											1
Rappahannock Valley ARC											1
SK4DM											1
Swamp Fox CG											1
Yankee Clipper CC											2

All Time High Scores



2 x New High

(after 2016 VQP)

3x Multiple plaques

Category	Call Sign	Score	Year	Call	2016 Score
High VA Single OP High Power	N4BAA	387,466	2006	W4MYA@W4ML	352,907
High VA Single OP Low Power	KW4VA	389,658	2011	K1HTV	250,778
High Single OP Novice/Technician/Rookie	KM4IML	74,876	2015	KM4HTW	31,628
High Outside VA Single OP	N4PN	97,476	2008	K1RO	56,666
High Outside VA Phone/Mixed QRP	WB2P	27,191	2014	WN4AFP	19,775
High VA Single-Op Phone/Mixed QRP	WA4PGM	87,440	2003	N4RP	47,770
High Single OP VHF	KK4IML	74,876	2015	K4IMP, N3FQ	19,096
High VA Club - Combined Score	FARA	2,243,633	2011	FARA	2,376,532
High VA Mobile Multiple Operator	WA4PGM	214,000	2008	KJ4NXG/M	314
High VA Mobile Single Operator	KJ4ADN/M	164,810	2013	KT4KA/M	55,009
High Single OP CW High Power	K0ZR	293,189	2014	K0ZR	204,824
High Single OP CW Low Power	N3UA	192,572	2011	K4ORD	41,500
High Multiple Op / Single Transmitter	N4A	352,226	2008	@W4KKN	205,021
High Multiple Op / Multiple Transmitter	W4MYA	1,178,532	2010	@KW4VA	971,861
High Single Band	KJ4ADN/M	164,810	2013	K4IA	76,950
High SO VA Counties/Independent Cities	W4ZAO	108	2015	K1RO	98
High DX Station	CU2JT	5,882	2006	SE5L	78
High Single Op Digital Mode	WS4V	28,368	2009	WR4PS	7,560
High VA Single OP Phone Only High Power	AI2C	288,552	2013	KJ4EZA@N2VA	133,180
High VA Single OP Phone Only Low Power	KJ4ADN/M	164,810	2013	W4GO	137,920
High Expedition	K4EG	121,610	2011	N4TGR/P	71,100
High VA Club – VA QSOs Only	FARA	1,279,016	2012	FARA	876,678
High VA QRP CW	K4ORD	45,044	2008	K4YND	28,316
High Outside-VA QRP CW	W8TM	21,482	2008	K4FT	5,202
High Single Operator - Youth	KJ4EYZ	86,516	2015	KJ4EZA@N2VA	133,180
High Single Operator – VA QSOs Only	K1HTV	83,814	2015	K1HTV	58,430
High Single Operator Young Adult (New 2016)				Not awarded	No entries



Virginia QSO Party

Certificates



2016 Virginia QSO Party



*The
Sterling Park Amateur Radio Club
thanks*



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

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

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

Accomack
Albemarle
Alleghany
Amelia

Counties

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

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

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

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

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

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

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

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

Independent Cities

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

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

How are we doing?



State	Logs Rec'd	Rank by Logs	QSOs	Rank by QSOs	Licensed Ops	% Log/ Licensed	Rank by % Participation	Party Date
CA	730	1			101,062	1	6	Oct 15
FL	516	2			40,155	1.3	4	Apr 15
PA	383 *	4			23,855	2.1	1	Oct 14
VA	413	3			18,669	2.2	2	Mar 16
OH	337	5			28,459	0.9	7	Aug 15
NC	328	6			19,350	1.38	3	Feb 16
NY	301	7			27,942	0.87	9	Oct 15
MI	295	8			20,864	0.86	10	Apr-15
WA	292	9			29,900	0.89	8	Sep-15
TX	252	10			50,163	0.52	12	Sep-15
IL	213	11			20,543	1.06	5	Oct 15
AZ	128	12			17,939	0.55	11	Oct 15

We do very well!

* PA: Count of unique callsigns.



Virginia QSO Party

Presentation to Plaque Recipients



2016 Virginia QSO Party Single Operator Young Adult (19-24)



- Sponsored by: K4AMG Memorial
Amateur Radio Club
- Not awarded - No entries



2016 Virginia QSO Party High DX Station



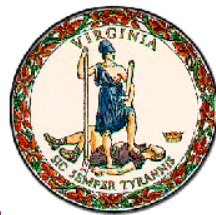
- Sponsored by: North Shenandoah DX Association
- Score: 78
- VA QSOs Only: 78
- No. C&IC: 6
- No. Bonus Stations: 0
- QTH: DX
- Club: SK4DM

Bengt Thorbjornsson, SE5L



2016 Virginia QSO Party

Virginia Mobile Multiple Operator



- Sponsored by: In memory of Jim Purks, KF4PQL (SK)
(Kevin, W4KLS)
- Score: 314
- VA QSOs Only: 314
- No. C&IC: 6
- No. Bonus Stations: 0
- QTH: VA
- Club: LARG

Station: KJ4NXG/M

Robert E Rodriguez, Jr., KJ4NXG

Charles W Altman, III, KK4SQZ



2016 Virginia QSO Party Outside Virginia CW QRP



- Sponsored by: Rappahannock Amateur Radio Association
- Score: 5,202
- VA QSOs Only: 4802
- No. C&IC: 39
- No. Bonus Stations: 2
- QTH: KY
- Club: Kentucky CG

John A Wulf, K4FT



2016 Virginia QSO Party Single Operator Digital Mode



- Sponsored by: Chris Walter, KI4CBF
- Score: 7,560
- VA QSOs Only: 312
- No. C&IC: 12
- No. Bonus Stations: 0
- QTH: ROA
- Club: Roanoke Valley ARC

Gary E Yohe, WR4PS



2016 Virginia QSO Party Single Operator VHF-Only



- Sponsored by: Richmond Amateur
Telecommunications Society
- Score: 19,096
- VA QSOs Only: 19096
- No. C&IC: 22
- No. Bonus Stations: 0
- QTH: VA
- Club: LARG

Spencer T Packard, K4IMP/M
Benjamin J Packard, N3FQ/M



2016 Virginia QSO Party Outside Virginia Phone/Mixed QRP



- Sponsored by: Dave Williams, K7HMP
- Score: 19,775
- VA QSOs Only: 19775
- No. C&IC: 75
- No. Bonus Stations: 8
- QTH: SC
- Club: Swamp Fox Contest

David E Edmonds, WN4AFP



2016 Virginia QSO Party Virginia Single Operator CW QRP



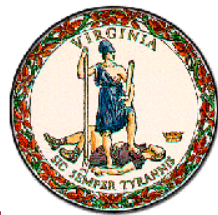
- Sponsored by: Vietnam Veterans
(George Marsh, K4GAM)
- Score: 28,316
- VA QSOs Only: 8198
- No. C&IC: 43
- No. Bonus Stations: 2
- QTH: LDN
- Club: None Stated

Donald Baucom, K4YND



2016 Virginia QSO Party

Single Operator Novice/Tech/Rookie



- Sponsored by: Richmond Amateur Radio Club
- Score: 31,628
- VA QSOs Only: 17790
- No. C&IC: 73
- No. Bonus Stations: 10
- QTH: LDN
- Club: LARG

Daniel C Shields, KM4HTW



2016 Virginia QSO Party Single Operator CW Low Power



- Sponsored by: Loudoun Amateur Radio Group
- Score: 41,500
- VA QSOs Only: 7940
- No. C&IC: 40
- No. Bonus Stations: 1
- QTH: FRA
- Club: Franklin County ARC

James R Dudley, K4ORD



2016 Virginia QSO Party

Virginia Single Operator Phone/Mixed QRP



- Sponsored by: Alexandria Radio Club, W4HFH
- Score: 47,770
- VA QSOs Only: 30100
- No. C&IC: 80
- No. Bonus Stations: 9
- QTH: FAU
- Club: FARA

Ross L Primrose, N4RP



2016 Virginia QSO Party Virginia Mobile Single Operator



- Sponsored by: Middle Peninsula Amateur Radio Club,
in memory of Joe Imburgia, KI4LXT (SK)
- Score: 55,009
- VA QSOs Only: 22962
- No. C&IC: 58
- No. Bonus Stations: 6
- QTH: VA
- Club: FARA

Thomas Zeltwanger, KT4KA/M



Single Operator Virginia Counties/Independent Cities Contacted



- Sponsored by: Tom Zeltwanger, KG3V
- Score: 56,666
- VA QSOs Only: 56666
- No. C&IC: 98
- No. Bonus Stations: 11
- QTH: NH
- Club: Yankee Clipper CC

Mark J Wilson, K1RO



2016 Virginia QSO Party Outside Virginia Single Operator



- Sponsored by: Alexandria Radio Club, W4HFH
- Score: 56,666
- VA QSOs Only: 56666
- No. C&IC: 98
- No. Bonus Stations: 11
- QTH: NH
- Club: Yankee Clipper CC

Mark J Wilson, K1RO



2016 Virginia QSO Party Virginia Expedition



- Sponsored by: Alamance Amateur Radio Club
- Score: 71,100
- VA QSOs Only: 35352
- No. C&IC: 72
- No. Bonus Stations: 9
- QTH: VA
- Club: None Stated

Samuel A Swindler, N4TGR/P



2016 Virginia QSO Party Single Band



- Sponsored by: Vienna Wireless Society
- Score: 76,950
- VA QSOs Only: 17620
- No. C&IC: 76
- No. Bonus Stations: 9
- QTH: FBX
- Club: Rappahannock Valley ARC

Craig E Buck, K4IA



2016 Virginia QSO Party Virginia SO Phone High Power



- Sponsored by: Shenandoah Valley ARC
- Score: 133,180
- VA QSOs Only: 14770
- No. C&IC: 70
- No. Bonus Stations: 7
- QTH: VBX
- Club: None Stated

Carissa Ferguson, KJ4EZA @N2VA Age 16



2016 Virginia QSO Party Single Operator Youth



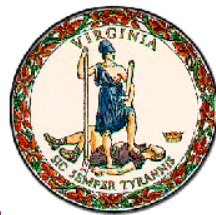
- Sponsored by: K4AMG Memorial
Amateur Radio Club
- Score: 133,180
- VA QSOs Only: 14770
- No. C&IC: 70
- No. Bonus Stations: 7
- QTH: VBX
- Club: None Stated

Carissa Ferguson, KJ4EZA @N2VA Age 16



2016 Virginia QSO Party

Virginia SO Phone Low Power



- Sponsored by: John Heartney, KG4NXT
- Score: 137,920
- VA QSOs Only: 54385
- No. C&IC: 95
- No. Bonus Stations: 9
- QTH: FAU
- Club: FARA

Matthew T Shelburne, W4GO



2016 Virginia QSO Party Single Operator CW High Power

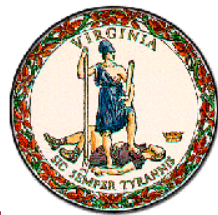


- Sponsored by: Loudoun Amateur Radio Group
- Score: 204,824
- VA QSOs Only: 7621
- No. C&IC: 41
- No. Bonus Stations: 2
- QTH: LDN
- Club: LARG

Jeffrey E Crawford, K0ZR



2016 Virginia QSO Party Multiple Operator Single Transmitter



- Sponsored by: Morgan Phenix, K4RHD
- Score: 205,021
- VA QSOs Only: 23515
- No. C&IC: 65
- No. Bonus Stations: 7
- QTH: PRW
- Club: FARA

Station: W4KKN

Mike D Kowalsky, AC8Y

Jerome S Svinicki, K8LF

Benjamin D Kowalsky, KM4OQO



2016 Virginia QSO Party

Virginia Single Operator Low Power



- Sponsored by: Don Sambol, K7CS
- Score: 250,778
- VA QSOs Only: 58430
- No. C&IC: 91
- No. Bonus Stations: 11
- QTH: CUL
- Club: FARA

Richard V Zwirko, K1HTV



2016 Virginia QSO Party Single Operator VA QSOs Only



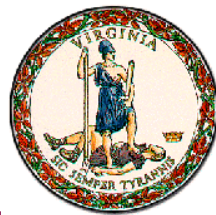
- Sponsored by: www.hamradio.me
(John Huggins, KX4O)
- Score: 250,778
- VA QSOs Only: 58430
- No. C&IC: 91
- No. Bonus Stations: 11
- QTH: CUL
- Club: FARA

Richard V Zwirko, K1HTV



2016 Virginia QSO Party

Virginia Single Operator High Power



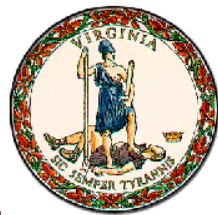
- Sponsored by: North Shenandoah DX Association
- Score: 352,907
- VA QSOs Only: 27875
- No. C&IC: 75
- No. Bonus Stations: 8
- QTH: GOO
- Club: CVCC

Robert Morris, W4MYA @W4ML



2016 Virginia QSO Party

Multiple Operator Multiple Transmitter



- Sponsored by: Gordon Miller, NQ4K
- Score: 971,861
- VA QSOs Only: 115532
- No. C&IC: 96
- No. Bonus Stations: 11
- QTH: CLA
- Club: FARA

Station: KW4VA

Andrew Zwirko, K1RA

Jason A Donnelly, KJ4EOO

Craig W Saverine, N4OHE

Michael S Cresap, W3IP

Jonathan Mitchell, KD3FG

Richard P Biby, N3UW

Brian E Skutt, ND3F

Terrence V Price, W8ZN



2016 Virginia QSO Party High Club Combined Score



- Sponsored by: Vienna Wireless Society
- Score: 2,376,532

Fauquier Amateur Radio Association



2016 Virginia QSO Party High Club VA QSOs Only



- Sponsored by: www.hamradio.me
(John Huggins, KX4O)
- VA QSOs Only: 876,678
- No. C&IC: 111

Fauquier Amateur Radio Association



2017 Virginia QSO Party



See you on the air!

73,

Sterling Park Amateur Radio Club