



Virginia QSO Party 2013 Awards Ceremony

Sterling Park Amateur Radio Club (SPARC)

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

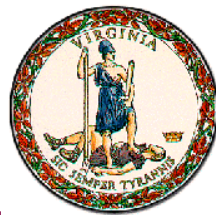
Gordon Miller, NQ4K

Mark Travis, KI4OBT

John Huggins, KX4O



Appreciation



- Hams Everywhere
 - For enthusiastically participating

- Members of SPARC
 - Committee Members
 - Dick, W2YE, for rules and club station
 - Don, K7CS, for plaque management
 - Henry, K2BFY, for electronic scoring software
 - Bill, KJ4VTH, for electronic scoring
 - Gordon, NQ4K, Mark, KI4OBT, and John, KX4O for presentations to clubs.
 - John, KX4O, for assistance with scoring and graphics
 - All members for
 - K4NVA operation
 - Advice, and
 - Log scoring

- Plaque Sponsors

- Manassas Hamfest: Time and space for Awards Ceremony

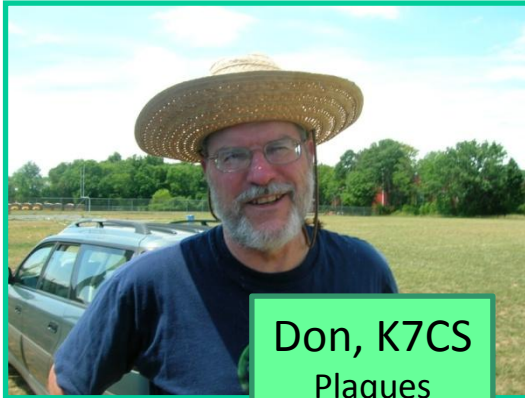


Topics

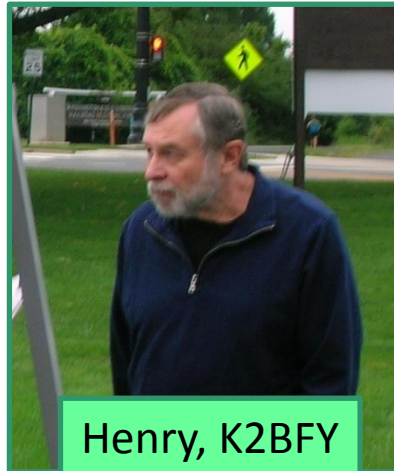


- Meta-Analysis of the 2012 QSO Party
- All Time High Scores
- Description of Certificates
- Presentation of Plaques

VQP Committee



Don, K7CS
Plaques



Henry, K2BFY
E-Scoring SW



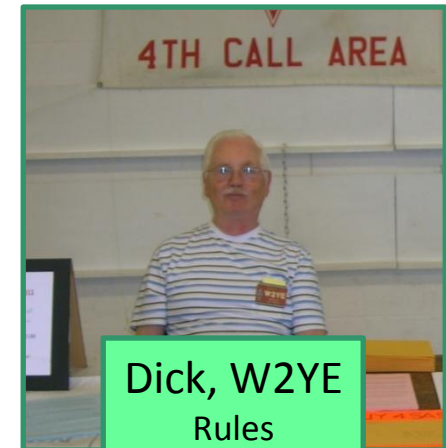
Bill, KJ4VTH
E-Scoring



Gordon, NQ4K
Coordination



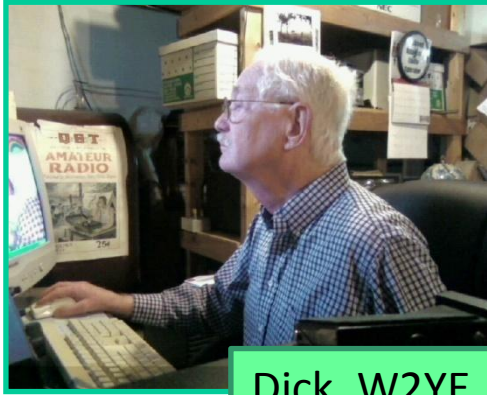
Mark, KI4OBT
Club Presentations



Dick, W2YE
Rules

John, KX4O
Club plaque scoring
Club Presentations

2013 VQP K4NVA Operation



Dick, W2YE



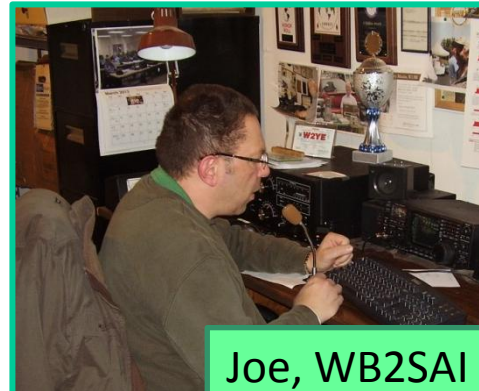
Gordon, NQ4K



Jim, KF4PQL



Don, K7CS



Joe, WB2SAI



Chris, KK4HDG

10 Operators

Jim, AF4MO
Jim, KF4PQL
Chris, KK4HDG
Dick, W2YE
Joe, WB2SAI

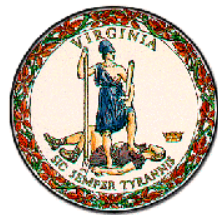
Don, K7CS
Mark, KI4OBT
Gordon, NQ4K
Kevin, WB0POH
Bill, WF1L



2013 VQP Plaques and Sponsors



Plaques for 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	Joe Palsa, K3WRY
Virginia Single Operator Phone/Mixed QRP	Alexandria Radio Club, W4HFH
Virginia Single Operator CW QRP	Randy Drake, KB4QQJ
Virginia Mobile Multiple Operator	Kevin Stuart, W4KLS, in memory of Howard Stuart, W2VWK (SK)
Virginia Mobile Single Operator	William Conkling, NR4C, in memory of KI4LXT
Virginia Expedition	Alamance Amateur Radio Club, K4EG
Virginia Club Combined Score	Vienna Wireless Society
Virginia Club - Virginia QSOs Only	John Huggins, KX4O
Multiple Operator Single Transmitter Station	Mark Travis, KI4OBT
Multiple Operator Multiple Transmitter Station	Central Virginia Contest Club
Single Operator CW High Power (Changed to in-state plaque)	Loudoun Amateur Radio Group
Plaques for any Single Operator Station	
Single Operator CW Low Power	FISTS QSL Bureau
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	Franklin County ARC
Single Operator Digital Mode	Chris Walter, KI4CBF
Single Operator Youth (18 or younger) (New 2013)	K4AMG Memorial Amateur Radio Club
Plaques for 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	Virginia QRP Society
Plaque for a Single Operator DX station (outside US and Canada)	
DX Station	North Shenandoah DX Association



2013 Virginia QSO Party

Log Metadata Analysis and QSO Analysis

2013 Scoring Party



21 April 2013 at Gordon's QTH



Henry, K2BFY; Gordon, NQ4K; and Dick, W2YE.

Pre-Party Presentations



Alexandria Radio Club, 8 Feb 13



Shenandoah Valley ARC, 15 Feb 13

Pre-Party Presentations



Arlington Amateur Radio Club, 19 Feb 13



Chesapeake ARS, 4 Feb 13

No picture. Via Skype

Log MetaData

Year	No of Logs
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

Shorter hours,
logs submitted remains good.

More *Extras* all the time.

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

Log MetaData

Scores	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

Scores are back up.

Distribution between modes is about same.

Mode	2005	2006	2007	2008	2009	2010	2011	2012	2013
CW	22	39	43	54	66	41	52	45	50
Mixed	148	98	117	110	90	88	96	105	108
Phone	0	140	187	169	204	208	205	204	226
DG	0	2	6	3	4	4	5	2	2

Effectively no Digital

Log MetaData

Most hams use low power.

Power	2005	2006	2007	2008	2009	2010	2011	2012	2013
Hi-Low	155	260	330						
High				73	80	66	73	63	67
Low				238	263	248	256	272	287
QRP	15	19	23	25	21	25	29	21	32

Few Expeditions

Station	2005	2006	2007	2008	2009	2010	2011	2012	2013
Fixed	145	220	310	291	311	295	312	308	318
Mobile	24	55	39	37	47	43	39	40	45
Expedition	1	4	4	8	6	3	7	6	5
Checklog								1	
Total	170	279	353	336	364	341	358	356	

Log MetaData

Multi-Ops dropping

# Operators	2006	2007	2008	2009	2010	2011	2012	2013
1	263	333	315	350	318	337	339	374
2	8	7	15	6	9	6	5	6
3		4	2	3	4	4	3	2
4	5	4	1	1	2	3	2	1
5	1	1				1	1	
6		1		1	1	2	1	
7					1	1		2
8	2		1		2		1	
9		1	1	1			3	
10			1			1		1
11						2		
13		1		2		1	1	
15					2			
Multi-Ops	16	19	21	14	21	21	17	12

K
4
N
V
A

Log MetaData

40M became popular

Band	2005	2006	2007	2008	2009	2010	2011	2012	2013
All	133	201	266	265	273	260	284	272	272
SB(160M)							1		
SB(80M)	3	6	20	13	16	9	4	2	4
SB(40M)	11	13	27	21	27	38	37	58	79
SB(20M)	4	11	16	18	18	11	13	13	10
SB(15M)	1								
SB(10M)	1			2			1		2
SB(6M)	0	1	1						
SB(2M)	2	24	9		20	15	12	10	10
SB (1.25M)					1		1		
SB (70 cm)								1	
VHF Only	15	23	14	4	9	6	5	10	9

Log QTHs



	2005	2006	2007	2008	2009	2010	2011	2012	2013
Not VA	60	97	143	128	137	102	108	116	129
VA	110	182	210	208	227	239	250	240	257
Total	170	279	353	336	364	341	358	356	386

Not VA

Canada 8

DX 4

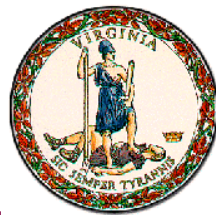
Other US 107

Log QTHs DX



DX QTH	2005	2006	2007	2008	2009	2010	2011	2012	2013
Argentina			1						
Azores				1					
Columbia							1		
Curacao							2		
Czeck Rep	1		1	1		1		1	1
England						1	1		
Germany	1	1		2	1	1	1		1
Hungary	1				1	1			
Italy		1		1					
Jamaica							1		
Japan				1				1	
Lithuania					1	1	1		
Netherlands	1	1	1	1	1	1	1		
Paraguay					1				
Poland					2	1	2	1	2
Portugal		1	1	1	1	1			
Spain			1						
Sweden						2			
Ukraine			1		1				
West Indies								1	

Logs from US and Canada



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

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

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

5 or more in GREEN

34 states 4 provinces

Logs from VA

Logs from 70 C&IC
Down 3 from last year

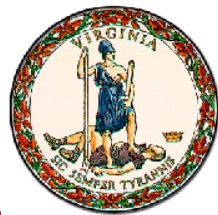


QTH	05	06	07	08	09	10	11	12	13
ACC	1	1				1	3	1	
ALB				2	2	3		4	2
ALL	1							1	2
ALX	2	2	1	1	2	2	2	3	
AMH	1		1		1	2	2		
APP								1	
ARL	3	4	8	1	4	7	4	4	7
AUG			1	1	1	1	4	4	5
BAT	1	1	2	1	1	3		2	
BED	1	2		2	3	1	3	3	5
BHM							1		
BOT							1	1	1
BRX								1	1
CAM			1	2		1	3	1	4
CCY				1	1	1	1		1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

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

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

Logging Programs



Program	2007	2008	2009	2010	2011	2012	2013
N3FJP's VA State QSO Party Program	98	113	127	104	118	112	128
N1MM	39	50	69	75	94	118	121
PAPER	81	63	60	46	36	46	48
None Stated	5	22	28	25	13	2	19
WriteLog	23	24	19	15	20	11	6
Fat Fingers	38	11	15	24	34	38	20
GenLog	9	11	10	13	12	7	10
Cabrillo Analyzer		8	10	6	5		
VA QSO LOGGER	32	12	6	4	8	6	4
NA	5	5	3	4	1	1	1
TR Log POST	3	4	2	2	2	1	1
Ham Radio Deluxe	2	2	2				
Cab-converter(TM) v1.19	1				1		3
CU2JT Logger	1	1					
Log-EQF V9	1						
Win-EQF	1	1	1	4	5	4	1
WINLOG32	1						
Xlog		2			1		
Other		7	12			12	24

N3FJP
and
N1MM
equally
popular

Still a
lot of
paper
and
manual
logs.

QSO Analysis



Measure	2005	2006	2007	2008	2009	2010	2011	2012	2013
Contacts (electronic logs only)	22,300	51,048	76,654	80,756	86,116	92,944	107,422	89,576	101,640
Non-Virginia contacts	1/3	1/3	1/3	1/3	1/3	1/3	26%		27%
States Contacted		50	50	50	50	50	50	50	50
Provinces Contacted		10	10	14	11	12	12	12	11
DX Entities	~41	68	112	118		119			
C&C Not Activated	17	7	6	2	1	3	5	5	4
High # QSOs in C&IC	2,789	3,969	5,434	3,166	5,272 FAU	9,178 LDN			12,012 LDN

2008: Buchanan (BCH) Norton (NRX)

2009: Highland

2010: Buchanan (BCH), Buckingham (BHM), Essex (ESS)

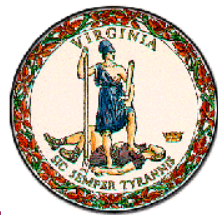
2011: Amelia (AME), Colonial Heights (COX), Nottoway (NOT), Petersburg (PBX), Poquoson (PQX)

2012: Bland (BLA), Buchanan (BCH), Emporia (EMX), Nottoway (NOT), Petersburg (PBX)

2013: Buckingham (BHM), Highland (HIG), Northampton (NHA), Smyth (SMY)

QSO Analysis

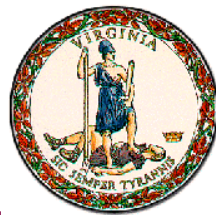
Missing C&IC by Year



C&IC	2006	2007	2008	2009	2010	2011	2012	2013
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		
Danville (DAX)	X							
Emporia (EMX)							X	
Essex (ESS)					X			
Highland (HIG)				X				X
Hopewell (HOX)	X							
Martinsville (MVX)	X							
Northampton (NHA)	X							X
Norton (NRX)		X	X					
Nottoway (NOT)		X				X	X	
Petersburg (PBX)	X					X	X	
Poquoson (PQX)	X					X		
Smyth								X
Tazewell (TAZ)	X							
Wythe (WYT)		X						

Red "X" is 2 or more times missing.

Mode



CW had a significant increase

				2013	% of QSOs	% Increase
CW	9,660	13,137	8,553	12,452	25	46
DG	885	1,308	543	600	1	10
PH	35,927	39,276	35,692	37,768	74	0.06
Grand Total	46,472	53,721	44,788	50,820		

QSO Analysis

Contacts in Counties and Independent Cities (1 of 3)



C&C	2005	2006	2007	2008	2009	2010	2011	2012	2013
Accomack	150	156	37	3	109	710	106	592	13
Albemarle	7	84	189	586	172	826	1583	727	933
Alexandria *	215	145	171	29	316	462	640	447	222
Alleghany	2	11	120	58	63	53	26	67	57
Amelia	26	60	1	53	18	1	0	2	70
Amherst	42	54	582	151	834	426	347	20	9
Appomattox	0	35	48	39	67	3	18	245	5
Arlington	344	411	614	158	262	506	1422	1773	1719
Augusta	4	40	532	604	601	827	1062	1324	2145
Bath	85	124	310	944	862	359	13	517	4
Bedford	61	539	1208	663	737	584	961	783	2130
Bedford *	24	21	63	49	35	73	62	95	84
Bland	0	4	2	32	4	2	28	0	118
Botetourt	1	18	49	113	49	62	245	200	414
Bristol *	0	9	0	5	6	10	63	461	796
Brunswick	31	46	3	60	23	28	29	2	27
Buchanan	2	2	1	0	1	0	25	0	203
Buckingham	74	113	34	62	20	0	845	9	0
Buena Vista *	1	2	56	71	56	84	12	127	79
Campbell	4	58	169	129	89	142	577	322	1158
Caroline	5	24	51	85	35	17	434	356	162
Carroll	8	201	144	574	238	87	654	337	196

C&C	2005	2006	2007	2008	2009	2010	2011	2012	2013
Charles City	0	5	0	53	189	194	27	57	199
Charlotte	20	33	0	69	28	5	7	14	46
Charlottesville *	1	20	80	59	23	106	186	214	198
Chesapeake *	15	185	715	433	234	728	1404	1234	1162
Chesterfield	58	76	193	639	306	132	640	1249	887
Clarke	127	348	403	645	222	220	316	468	335
Colonial Heights *	0	3	13	72	2	1	0	2	62
Covington *	25	86	398	153	132	118	111	86	6
Craig	1	9	128	106	104	242	89	561	479
Culpeper	531	1164	1320	2212	2835	2516	2809	2424	2090
Cumberland	86	116	9	45	14	4	35	4	15
Danville *	0	0	34	1	115	184	163	50	9
Dickenson	47	30	242	45	458	156	130	48	243
Dinwiddie	26	1	18	53	22	628	200	173	288
Emporia *	18	37	11	56	22	24	20	0	21
Essex	0	552	12	166	29	0	45	201	22
Fairfax	1545	1304	3602	1933	3113	3142	4274	2192	4005
Fairfax *	82	143	415	162	326	146	223	370	491
Falls Church *	63	90	66	1	78	12	1	142	17
Fauquier	1550	3936	5434	5272	8804	5970	8476	6269	6528
Floyd	80	124	26	87	308	169	295	230	110
Fluvanna	42	105	95	87	70	52	62	381	221

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
Franklin	144	844	584	626	579	694	1184	1130	1302
Franklin *	15	58	28	84	44	68	230	94	72
Frederick	86	322	948	149	405	359	615	970	710
Fredericksburg *	132	881	1222	233	52	676	52	445	814
Galax *	3	1	37	36	47	60	171	20	157
Giles	222	405	44	392	448	265	626	316	281
Gloucester	3	7	114	211	81	126	2	256	345
Goochland	2789	2562	4605	4346	3772	3527	2898	3100	1721
Grayson	9	11	48	86	8	37	84	26	109
Greene	98	305	542	427	456	538	624	493	456
Greensville	21	29	11	50	20	20	26	9	19
Halifax	49	26	30	66	18	561	626	54	79
Hampton *	6	24	47	319	51	546	831	3	29
Hanover	352	151	1154	840	2063	2085	2071	949	1282
Harrisonburg *	11	35	18	29	350	303	832	1	155
Henrico	142	222	1032	1136	652	1348	1510	1480	618
Henry	1	1	33	108	85	172	297	85	54
Highland	0	1	84	28	0	8	1	16	0
Hopewell *	1	0	6	13	18	2	159	139	248
Isle of Wight	66	124	242	573	988	2258	967	1935	1811
James City	15	610	760	1025	1312	239	857	885	323
King & Queen	2	14	6	41	55	25	34	32	168

C&C	2005	2006	2007	2008	2009	2010	2011	2012	2013
King George	24	46	86	44	311	311	991	860	1129
King William	1	16	3	63	30	3	30	27	66
Lancaster	0	126	616	891	628	1032	984	602	1098
Lee	0	1	3	14	65	1	287	24	57
Lexington *	0	2	58	60	42	69	15	88	15
Loudoun	1299	3465	3586	4347	8629	9178	11843	8463	12010
Louisa	13	42	712	711	32	196	58	136	139
Lunenburg	12	45	9	49	72	1	49	55	90
Lynchburg *	9	42	786	322	147	53	259	168	643
Madison	15	329	61	434	447	259	373	568	561
Manassas *	111	220	109	101	152	117	249	382	153
Manassas Park *	56	196	118	76	120	90	302	267	165
Martinsville *	0	0	60	208	62	40	258	48	442
Mathews	0	10	52	213	187	62	28	200	305
Mecklenburg	38	394	9	59	34	54	55	3	32
Middlesex	1	13	47	304	186	24	14	16	12
Montgomery	118	1280	1817	1751	213	1197	613	612	598
Nelson	10	111	287	230	275	47	121	157	554
New Kent	0	12	699	329	31	12	32	161	1056
Newport News *	11	16	54	27	43	129	691	930	686
Norfolk *	5	18	151	151	113	291	162	214	244
Northampton	3	0	132	15	187	137	1	55	0

QSO Analysis

Contacts in Counties and Independent Cities (3 of 3)



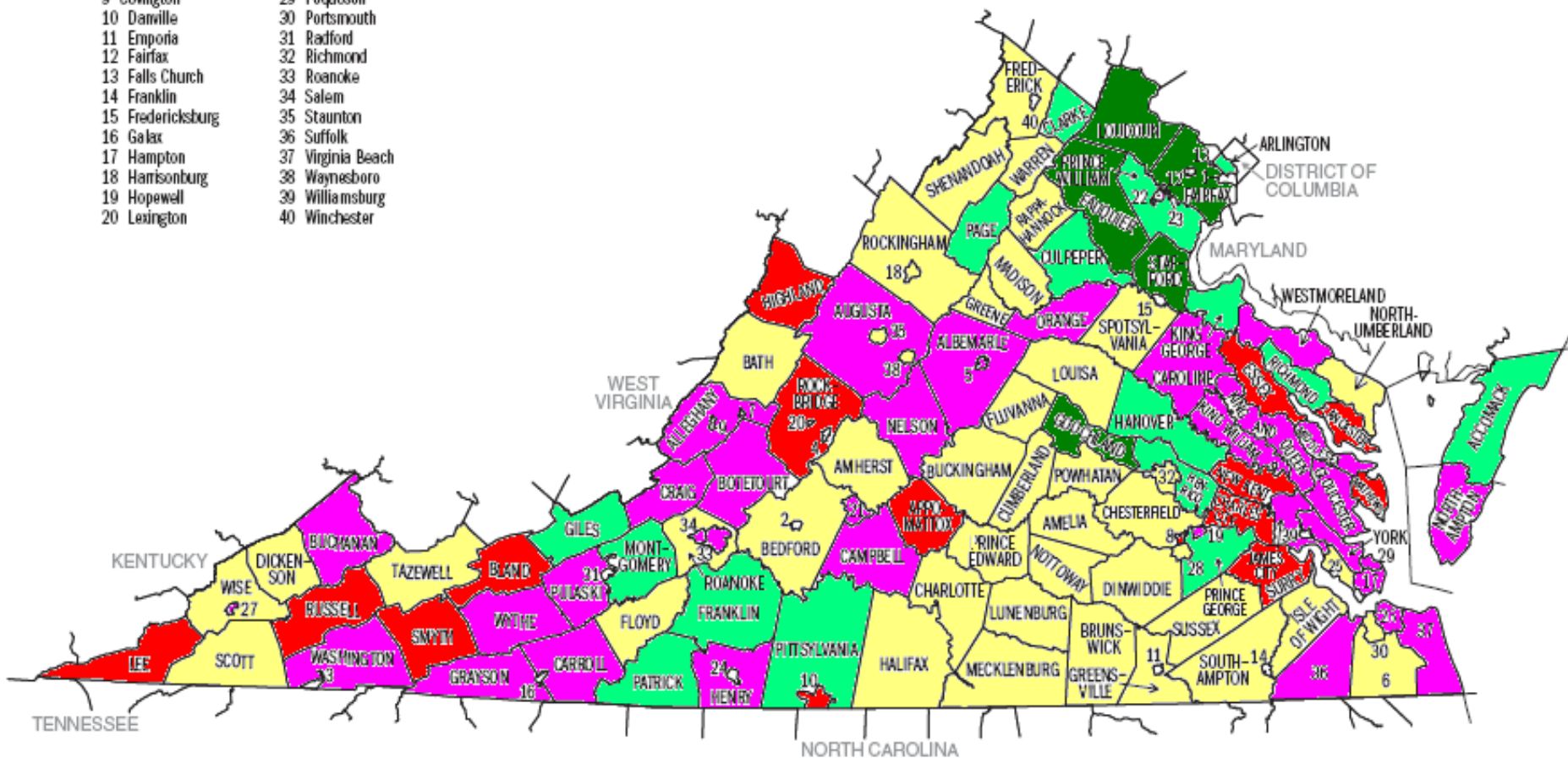
C&C	2005	2006	2007	2008	2009	2010	2011	2012	2013
Northumberland	23	140	195	267	145	976	2038	2307	2711
Norton *	1	2	0	0	28	7	25	22	34
Nottoway	25	61	0	27	28	2	0	0	75
Orange	9	40	175	124	500	681	284	1186	1501
Page	286	825	1237	910	755	627	839	778	1035
Patrick	107	179	3	384	409	652	707	361	225
Petersburg *	25	0	1	70	17	1	0	0	81
Pittsylvania	200	1	109	92	207	776	1065	63	59
Poquoson *	7	0	27	10	21	11	0	1	11
Portsmouth *	38	34	108	146	123	69	31	43	88
Powhatan	54	1166	2223	1919	1157	1922	15	4	12
Prince Edward	47	91	20	51	54	3	27	151	209
Prince George	333	3	19	60	46	25	10	3	76
Prince William	396	1166	3031	2125	974	2580	2728	2498	1447
Pulaski	7	288	4	30	2	30	42	6	262
Radford *	4	5	1	21	4	54	51	72	66
Rappahannock	79	440	274	896	298	491	335	756	649
Richmond	364	65	23	87	68	7	46	107	4
Richmond *	19	14	201	36	77	78	169	34	60
Roanoke	44	93	409	217	144	416	593	634	250
Roanoke *	10	17	208	225	108	990	801	243	65
Rockbridge	0	37	76	103	177	125	86	226	278
Rockingham	19	108	370	562	677	710	1036	798	948

C&C	2005	2006	2007	2008	2009	2010	2011	2012	2013
Russell	0	51	47	34	215	393	98	52	286
Salem *	3	20	127	499	136	453	75	409	280
Scott	53	91	77	61	186	59	104	46	206
Shenandoah	48	200	216	64	36	71	129	653	295
Smyth	0	1153	2	9	211	5	428	253	0
Southampton	14	37	15	65	114	37	817	10	7
Spotsylvania	20	92	325	199	409	161	397	443	428
Stafford	1193	1623	1295	1671	1020	131	153	1235	341
Staunton *	13	35	86	64	58	43	43	22	18
Suffolk *	1	41	7	44	87	66	37	59	306
Surry	0	1	1	22	182	205	352	237	202
Sussex	12	5	6	63	30	43	1020	5	5
Tazewell	36	0	26	52	489	70	177	16	233
Virginia Beach *	9	2421	1083	993	1029	1897	360	506	715
Warren	83	357	316	415	205	454	670	832	515
Washington	3	19	10	10	159	12	116	52	43
Waynesboro *	38	56	424	266	352	508	390	273	418
Westmoreland	6	89	23	25	30	396	31	50	79
Williamsburg *	1	3	92	134	85	103	76	115	80
Winchester *	21	89	163	103	9	107	654	1099	661
Wise	11	3	144	711	902	1240	1293	40	109
Wythe	5	3	0	45	175	52	226	20	75
York	2	35	368	462	382	169	352	310	59

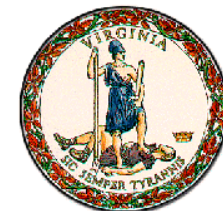
2005 QSO Analysis



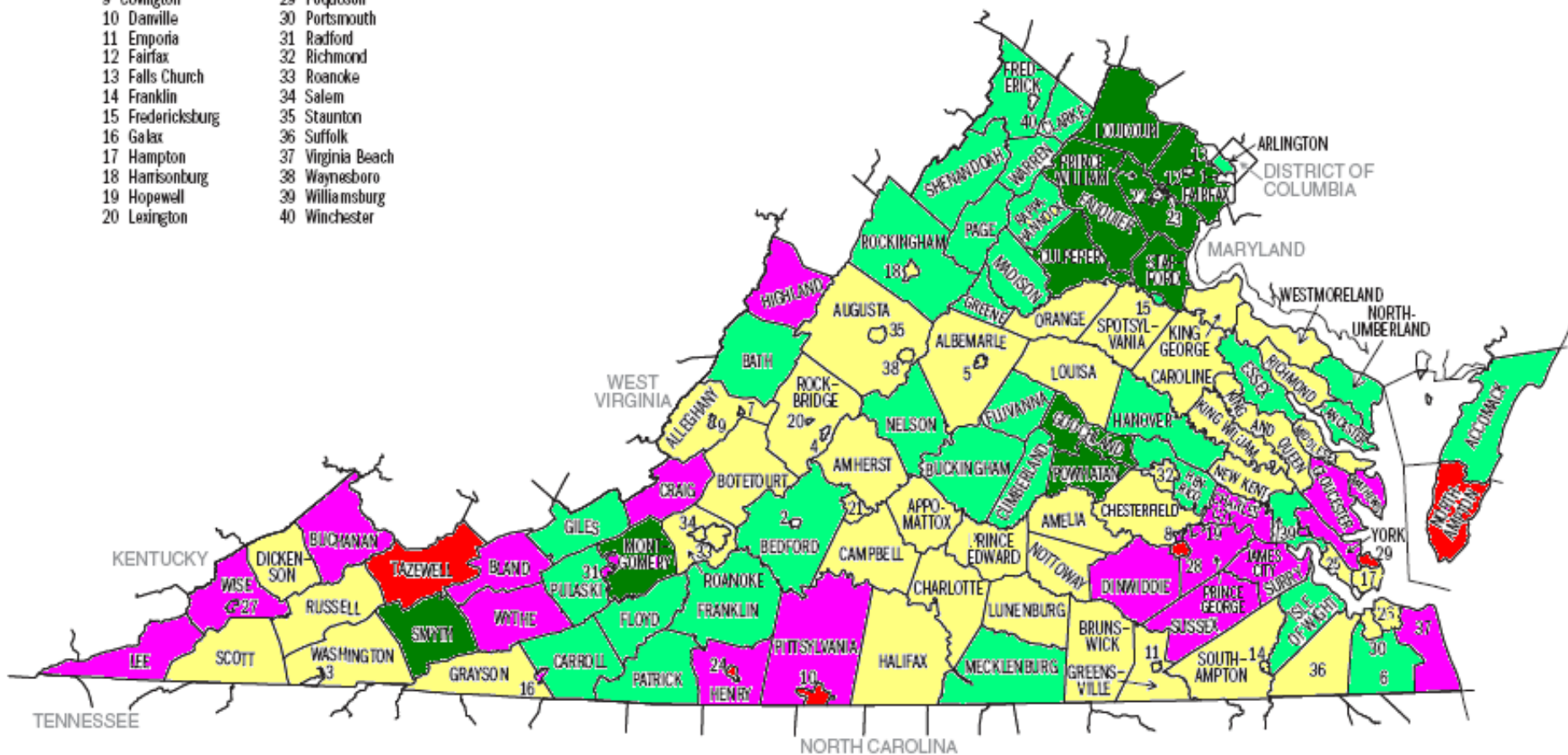
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|--------------------|-------------------|
| 1 Alexandria | 21 Lynchburg |
| 2 Bedford | 22 Manassas |
| 3 Bristol | 23 Manassas Park |
| 4 Buena Vista | 24 Martinsville |
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| 16 Galax | 36 Suffolk |
| 17 Hampton | 37 Virginia Beach |
| 18 Harrisonburg | 38 Waynesboro |
| 19 Hopewell | 39 Williamsburg |
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2006 QSO Analysis

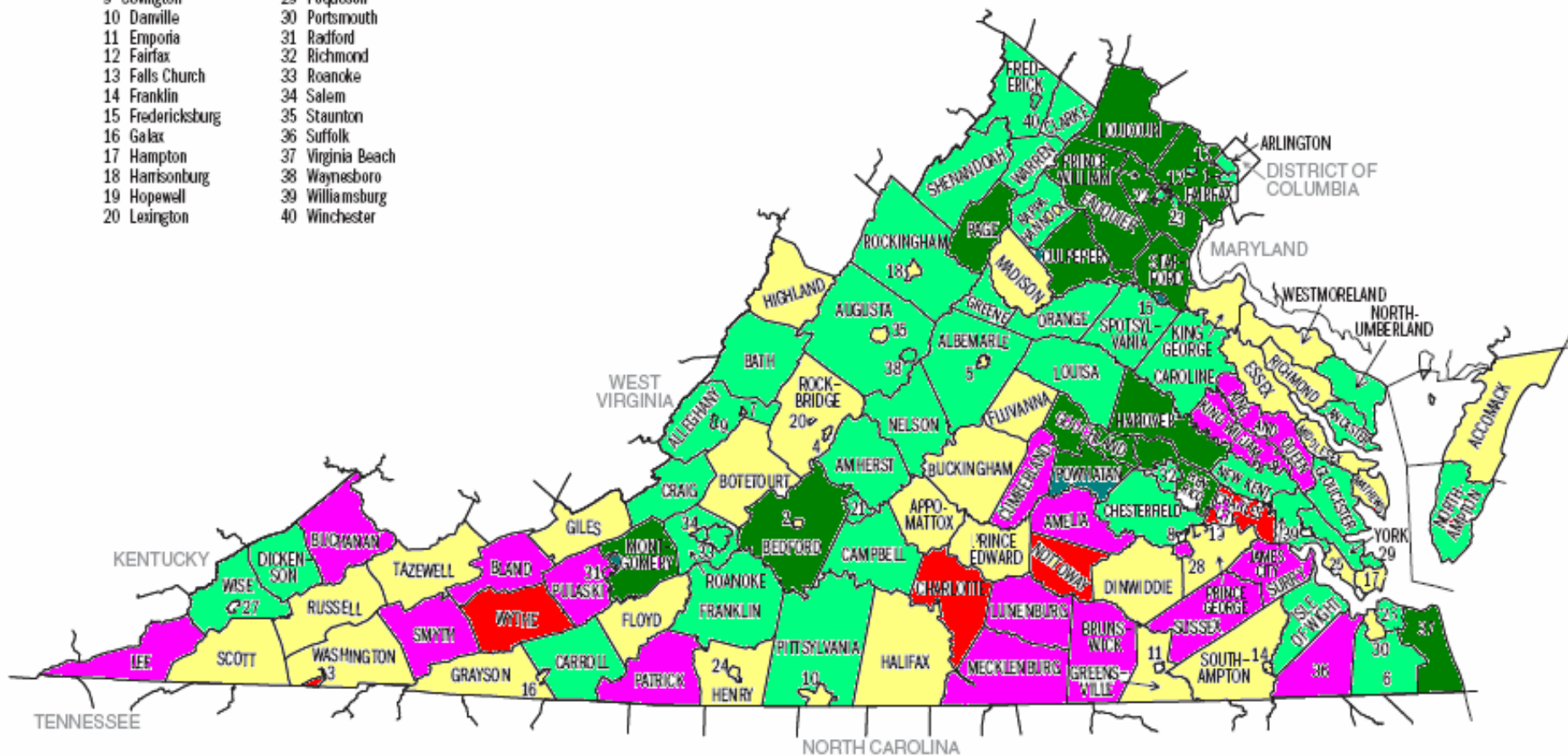


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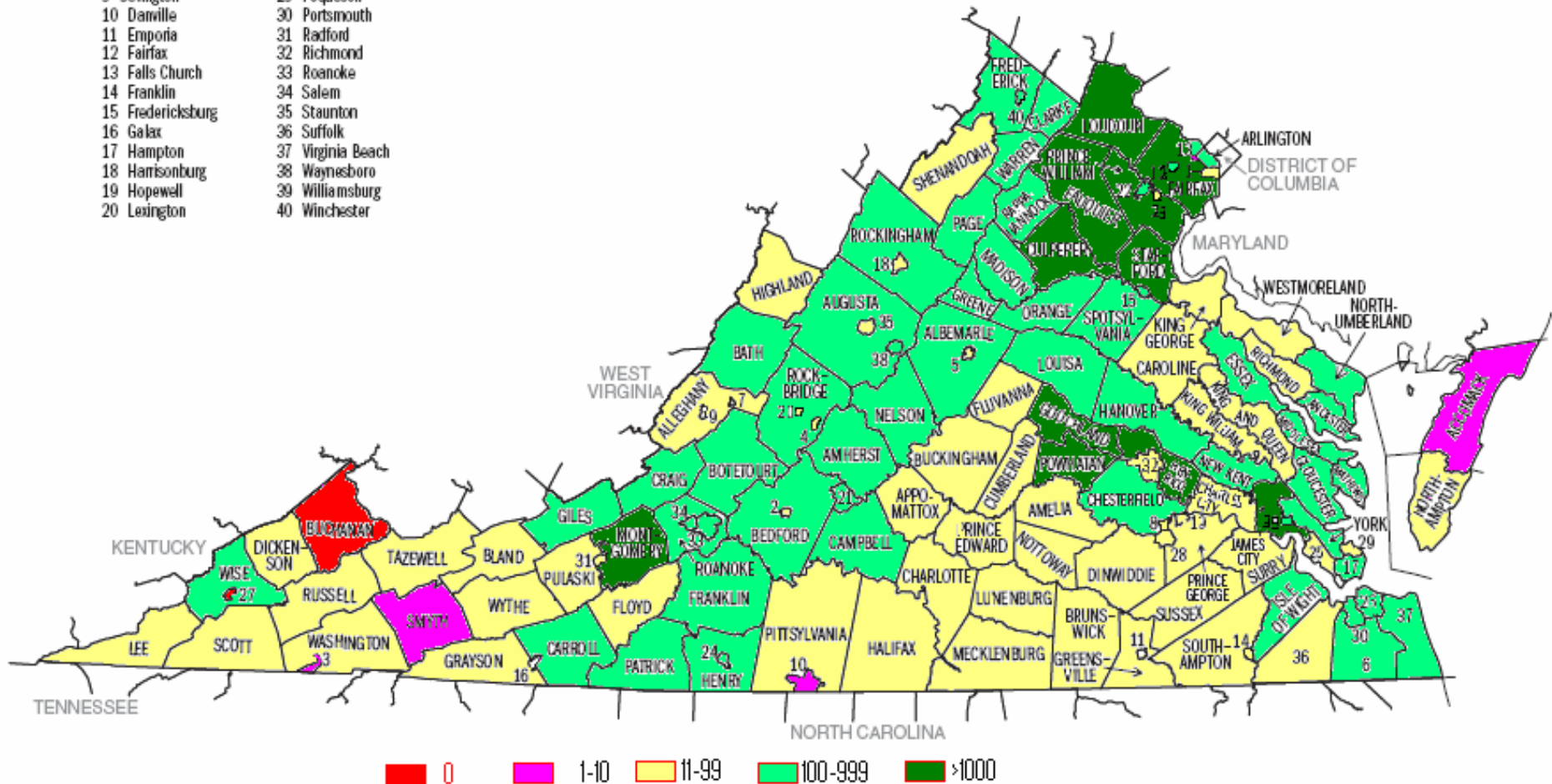
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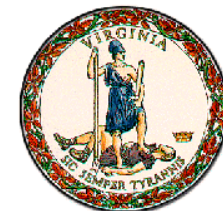


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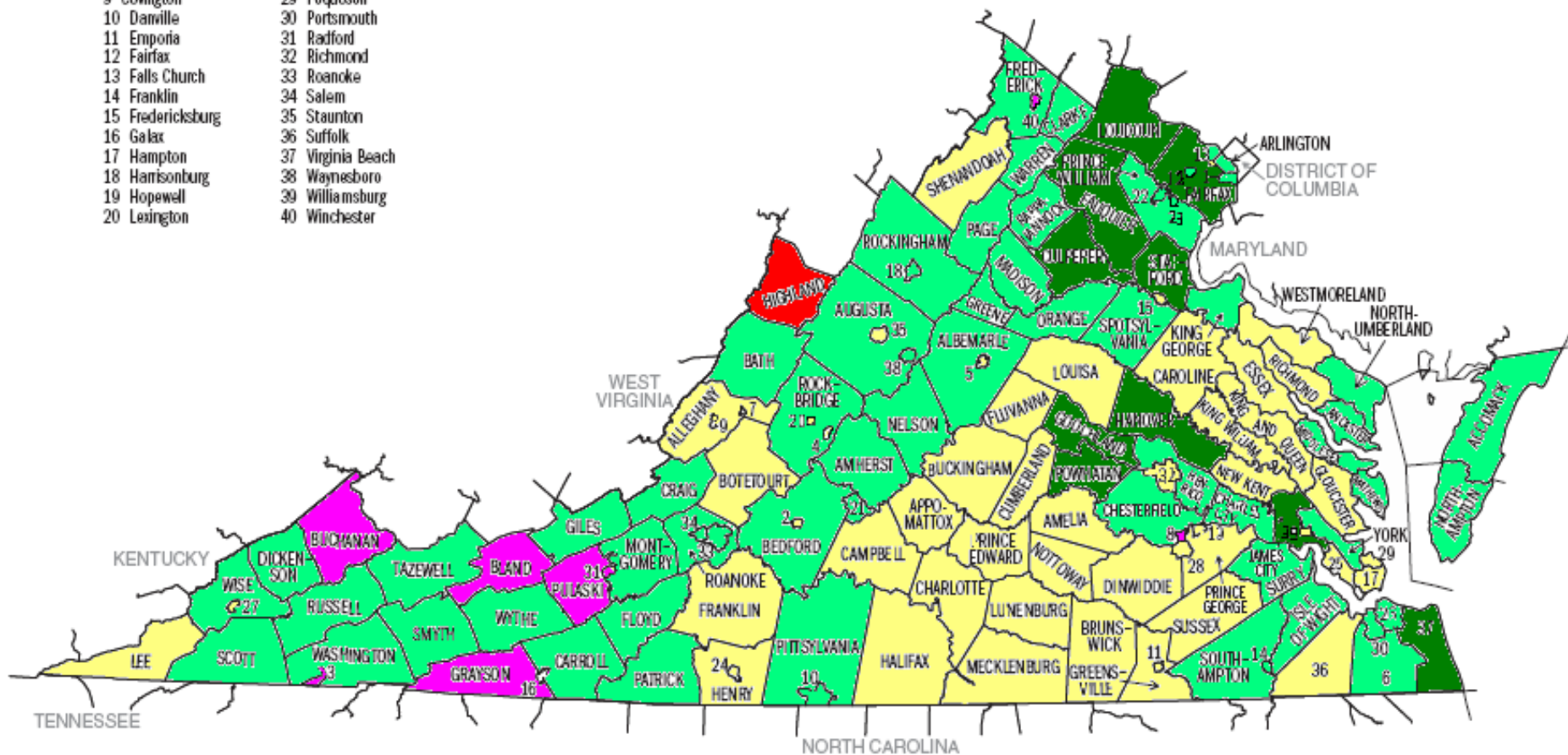
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2009 QSO Analysis



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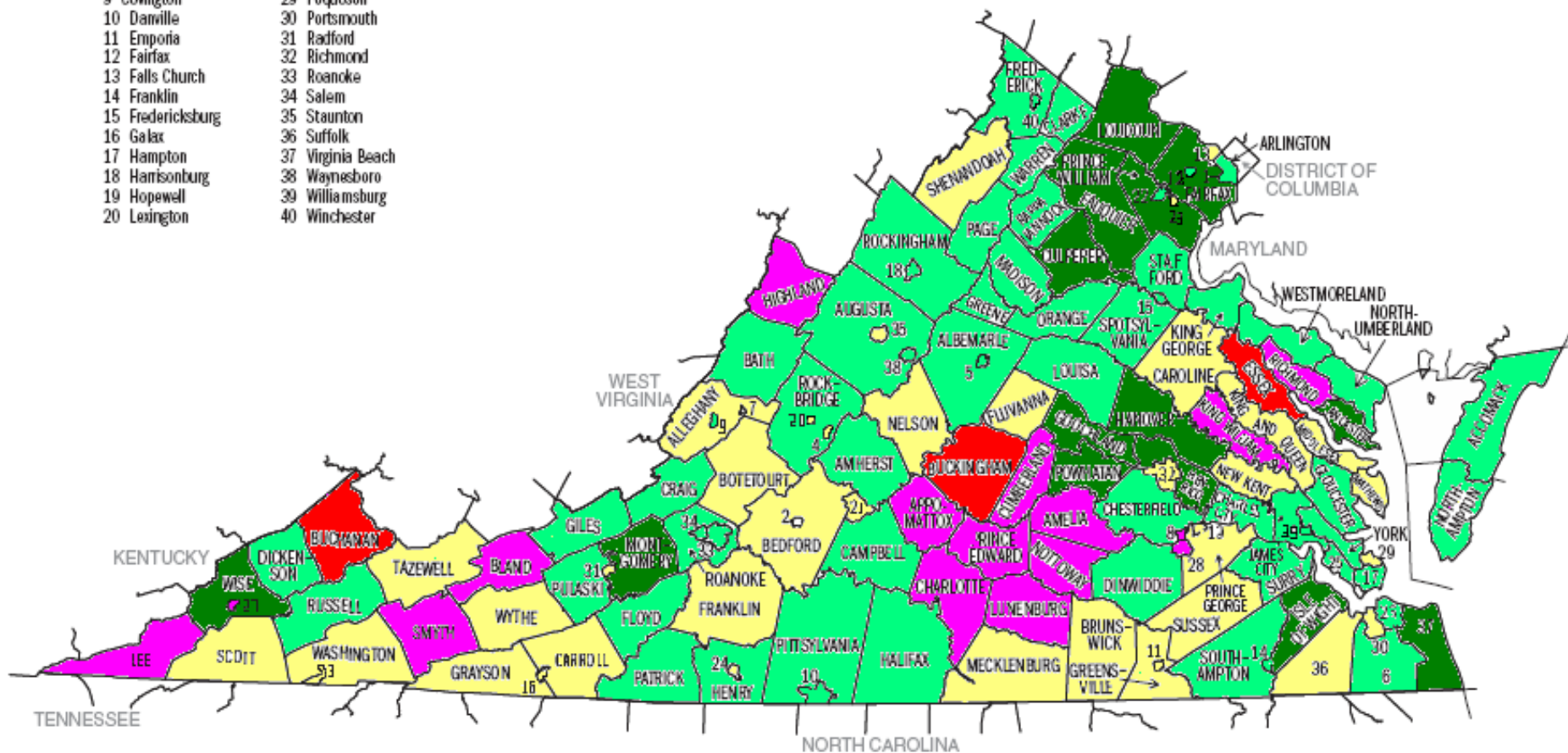


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2010 QSO Analysis



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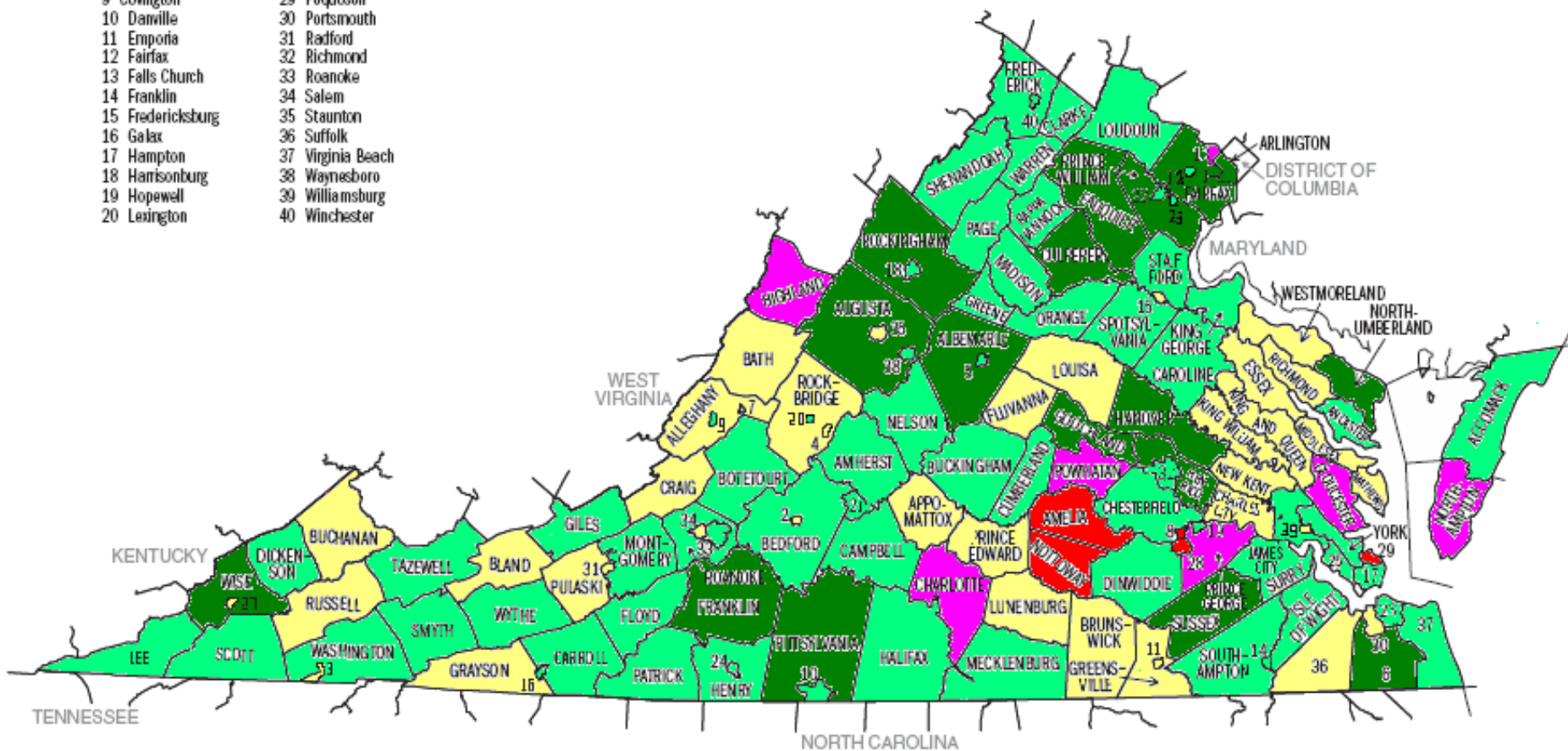


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2011 QSO Analysis

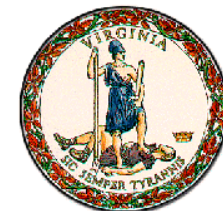


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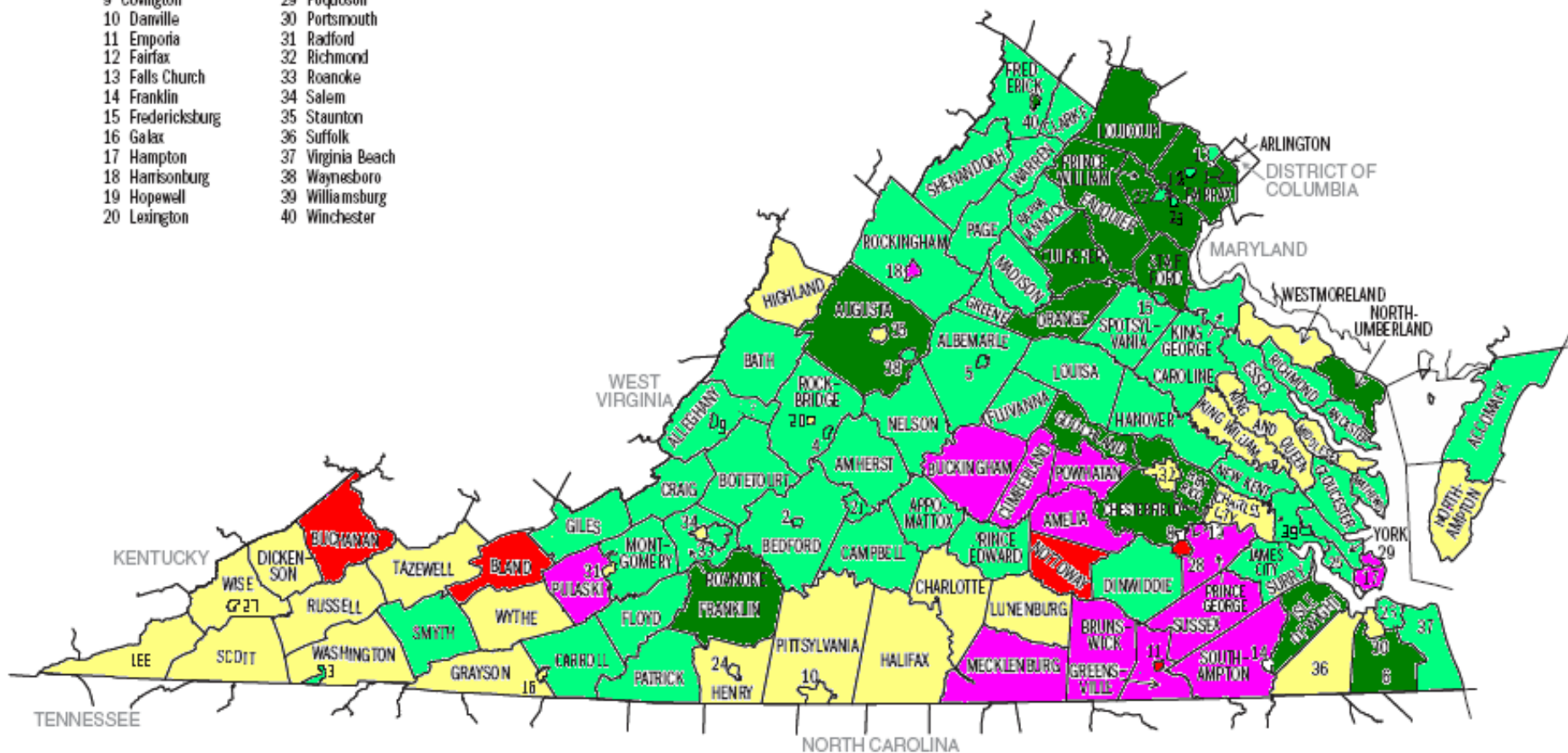


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2012 QSO Analysis

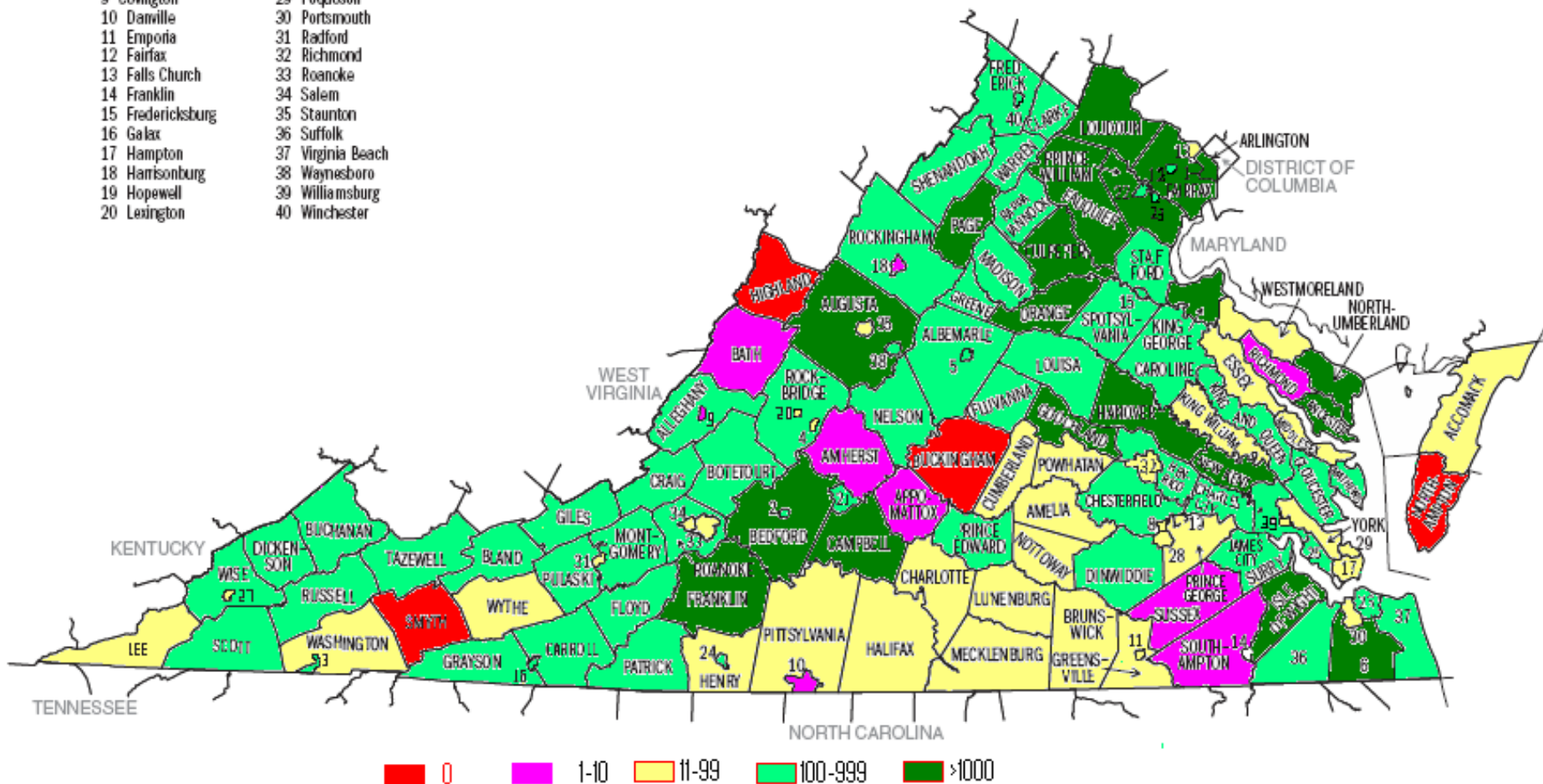


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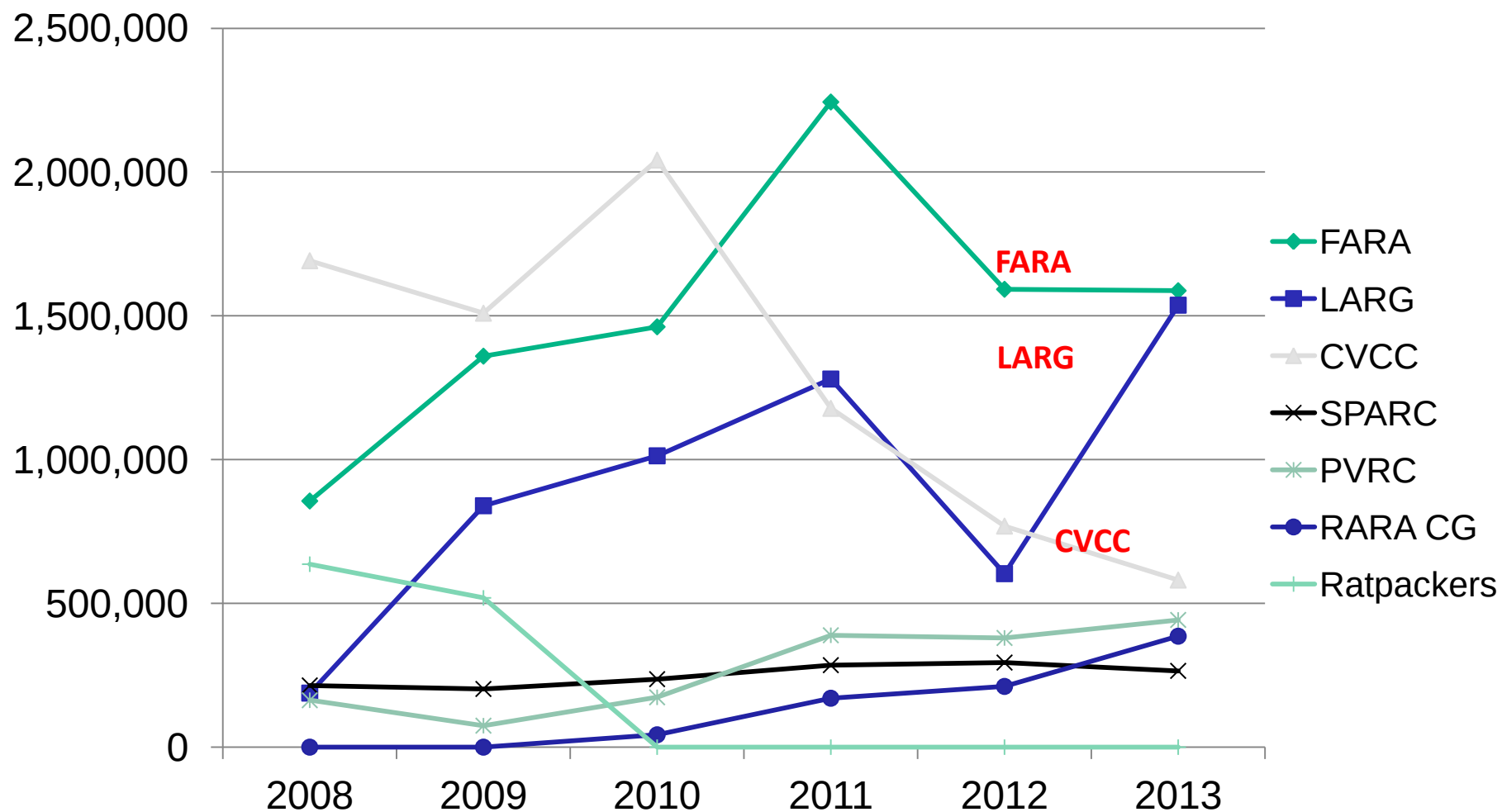


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High Club - Combined Score





Log Counts by Club

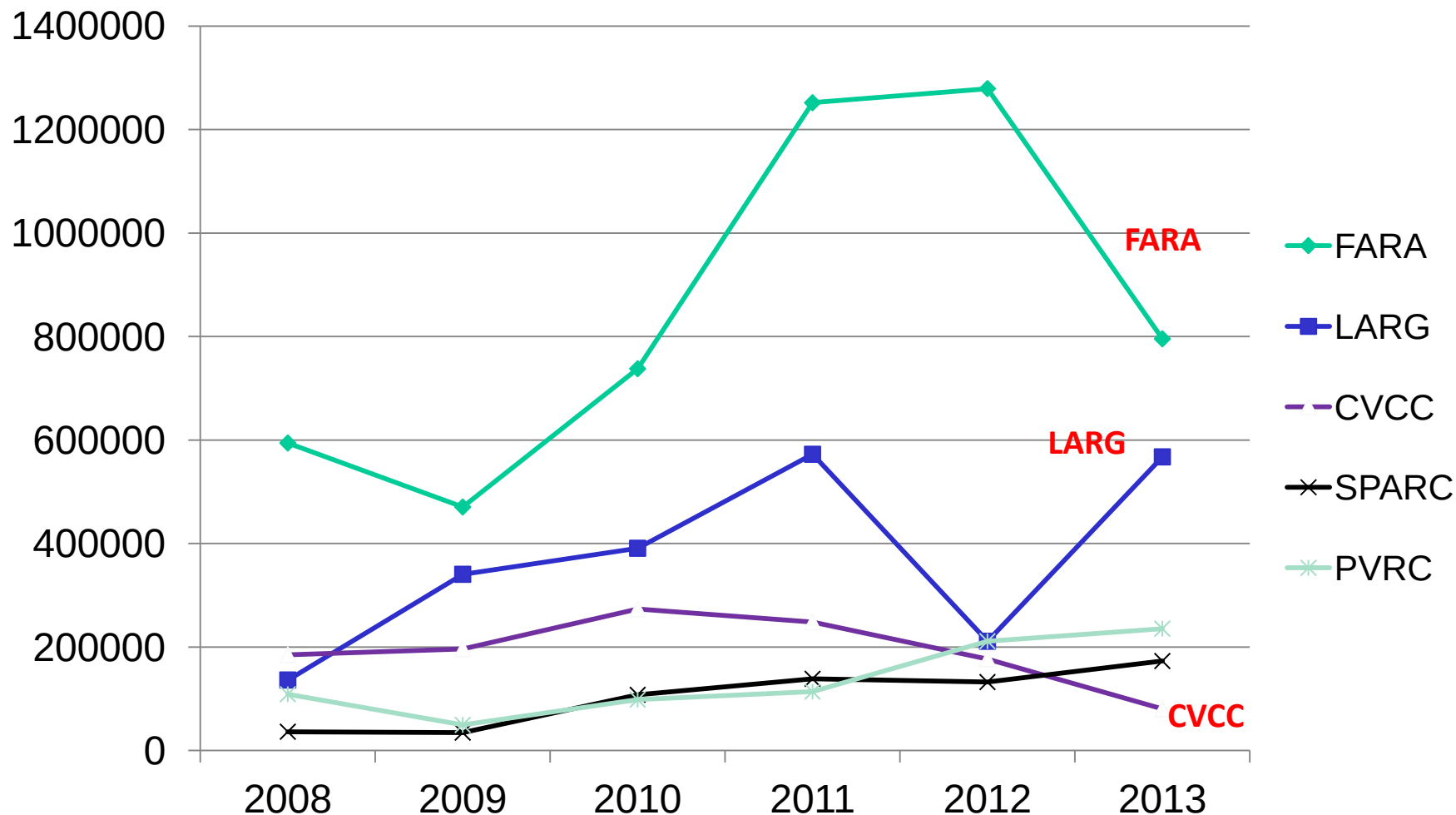


Club	2010	2011	2012	2013
None Given	108	123	126	122
Fauquier ARA	35	32	27	28
Loudoun ARG	24	25	17	28
RARA Contest Group	3	5	7	18
Sterling Park ARC	15	11	12	15
Potomac Valley Radio Club	7	8	13	14
Ole Virginia Hams	5	4	6	12
Shenandoah Valley ARC	4	6	14	12
Alexandria Radio Club	5	6	13	9
Valley Amateur Radio Association				9
Western Tidewater Radio Assoc	7	12	7	9
Albemarle Amateur Radio Club	3	4	4	6
Chesapeake ARS Inc., W4CAR	10	6	8	6
Arlington ARC	4	5	3	5
Vienna Wireless Society	3	9	7	5
Alamance ARC				4
Central Virginia Contest Club	10	11	10	4

Club	2010	2011	2012	2013
Frankford Radio Club	4	3	6	4
Roanoke Valley ARC	11	9	10	4
Portage County ARS				3
Bristol (TN) ARC				3
QCWA Chapter 119	9	7	3	3
Williamsburg Area ARC	2	5	3	3
Yankee Clipper Contest Club	2		3	3
North Shenandoah DX Assoc		2	2	3
Florida Contest Group		3	5	2
Virginia Mountain ARC				2
South East Contest Club	2		2	2
Arizona Outlaws Contest Club				2
Virginia Tech ARA				2
Tennessee Contest Group	5	4	4	2
Society of Midwest Contesters	2		2	2
Franklin County ARC	9	5	1	2
Arlington Radio Public Service Club	6	5	3	2
Middle Peninsula ARC	2		5	2

Going to be some competition next year

High Club – VA QSOs Only



Plaque Recipients by Club

Club	2006	2007	2008	2009	2010	2011	2012	2013
Alabama Contest Club		1						
Alamance ARC	1		1	1	1	2	1	4
Alexandria Contest Club		1		1				
Arlington ARC			1					
CVCC	3	3	4	3	4	2	1	1
Fauquier ARA	4	5	3	4	7	7	9	5
Franklin County ARC	1	1	1	1	2	1		1
Loudoun ARG	1		1		1	2	2	3
Mad River Radio Club		1	1	1	1			
Mount Vernon ARC		1	1					
None Stated / Other	3	3	3	5	4	9	9	5
Not Awarded			2					
Ontario Contest Club	2	2						
PVRC	2	3	1					
Rappackers Contest Group			2	3				
Rockbridge 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
Williamsburg Area ARC				1				
Roanoke Valley ARC								1
Shenandoah Valley ARC								1



Virginia QSO Party

Certificates



2004 Virginia QSO Party



State Boat
Chesapeake Bay Deadrise

*The Sterling Park Amateur Radio Club
congratulates*



State Fossil
Chesapeake jeffersonius

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

Counties

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

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

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

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

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

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

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

Poquoson
Williamsburg
Danville
Lexington
Portsmouth
Winchester
Emporia
Lynchburg
Radford

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

Independent Cities

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



2005 Virginia QSO Party



Floral Emblem
Dogwood



State Bird
Cardinal

*The Sterling Park Amateur Radio Club
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Counties

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Albemarle
Alleghany
Amelia
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Warren
Washington
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Wise
Wythe
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Emporia
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Covington
Hopewell

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2006 Virginia QSO Party



State Dog
American Fox Hound



State Bat
Virginia Big-Eared Bat

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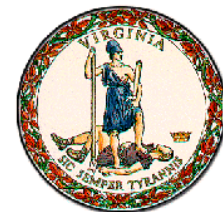
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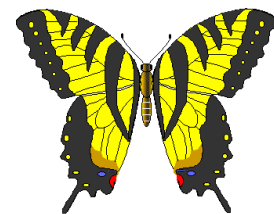
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Harrisonburg



2007 Virginia QSO Party



State Fish
Brook Trout
(adopted in 1993)



State Insect
Tiger Swallowtail Butterfly
(adopted in 1991)

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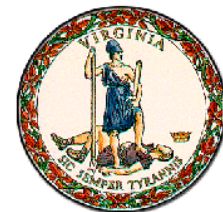
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2008 Virginia QSO Party



Chincoteague Pony

*The Sterling Park Amateur Radio Club
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Smithfield Ham

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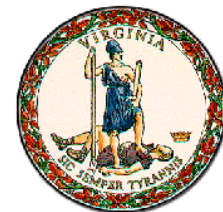
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2009 Virginia QSO Party



Virginia Peanut

*The Sterling Park Amateur Radio Club
congratulates*



Hanover Tomato

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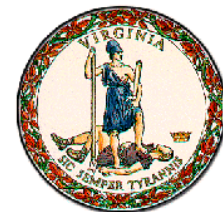
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2010 Virginia QSO Party



State Tree
Flowering Dogwood

*The Sterling Park Amateur Radio Club
congratulates*



State Shell
*Crassostrea
virginica*

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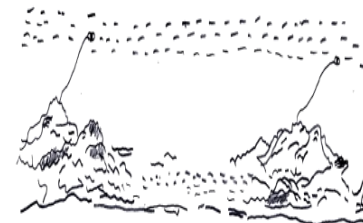


Mahlon Loomis
(1826-1886)

2011 Virginia QSO Party



The
Sterling Park Amateur Radio Club
thanks



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

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Winchester



2012 Virginia QSO Party



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

*The
Sterling Park Amateur Radio Club
thanks*



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

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2013 Virginia QSO Party



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

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

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Virginia QSO Party

Presentations
to
Plaque Recipients



2013 VQP DX Station



- Sponsored by: North Shenandoah DX Association
- Score: 416
- No. C&IC: 13
- Overall Rank: 307

Andreas Schmid, DK2CF - Germany



2013 VQP

Single Operator Digital Mode



- Sponsored by: Chris Walter, KI4CBF

- Score: 9,506
- No. C&IC: 7
- Overall Rank: 130

- Gary Yohe, AJ4GL - Roanoke



2013 VQP

Outside Virginia Single Operator CW QRP



- Sponsored by: Virginia QRP Society
- Score: 12,350
- No. C&IC: 50
- Overall Rank: 112
- Rowlan "Randy" Drake, KB4QQJ - North Carolina



2013 VQP

Single Operator VHF Only

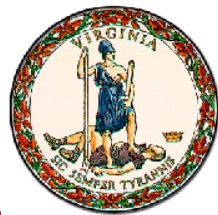


- Sponsored by:
Richmond Amateur Telecommunications Society
- Score: 12,469
- No. C&IC: 25
- Overall Rank: 111
- Ray Mullins, KD4RSL/M - Mobile



2013 VQP

Virginia Mobile Multiple Operator



- Sponsored by: Kevin Stuart, W4KLS, in memory of Howard Stuart, W2VWK (SK)
- Score: 16,600
- No. C&IC: 26
- Overall Rank: 89
- W4FCR
 - Harry W Weiss, Jr. KA3NZR
 - John B Hughlett N4WRT



2013 VQP

Outside Virginia Phone/Mixed QRP



- Sponsored by: Dave Williams, K7HMP
- Score: 23,180
- No. C&IC: 70
- Overall Rank: 75
- Dwayne Ayers, N4MIO - North Carolina



2013 VQP

Single Operator Novice/Tech/Rookie



- Sponsored by: Richmond Amateur Radio Club
- Score: 27,296
- No. C&IC: 62
- Overall Rank: 69
- Garner Fleming, KK4CLY - (age 14) North Carolina



2013 VQP Single Operator Youth



- Sponsored by: K4AMG Memorial Amateur Radio Club
- Score: 27,296
- No. C&IC: 62
- Overall Rank: 69
- Garner Fleming, KK4CLY - (age 14) North Carolina



2013 VQP

Virginia Single Operator CW QRP



- Sponsored by: Randy Blake, KB4QQJ
- Score: 34,115
- No. C&IC: 54
- Overall Rank: 58
- Milton B. Coleman Sr., K4OSO - Hanover



2013 VQP



VA Single Operator Phone/Mixed QRP

- Sponsored by: Alexandria Radio Club, W4HFH
- Score: 36,120 (last year 40,071, 40,399)
- No. C&IC: 28 (last year 29 , 26)
- Overall Rank: 55 (last year 50, 43)
- Ross Primrose N4RP (last 2 years) - Mobile



2013 VQP

Multiple Operator Single Transmitter

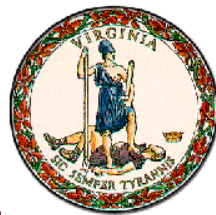


- Sponsored by: Mark Travis, KI4OBT
- Score: 40,631
- No. C&IC: 55
- Overall Rank: 48
- Shenandoah Valley Amateur Radio Club, W4RKC
 - Twin States Amateur Radio Society, KJ4YMJ
 - Nathan S Rogers, W4NA



2013 VQP

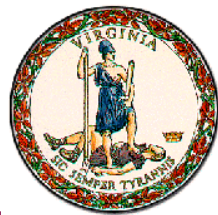
Outside Virginia Single Operator



- Sponsored by: Alexandria Radio Club, W4HFH
- Score: 41,635 (last year 43,880)
- No. C&IC: 94 (last year 90)
- Overall Rank: 46 (last year 36)
- Steve Forst, KW3A (PA) - Last year also



2013 VQP Virginia Expedition

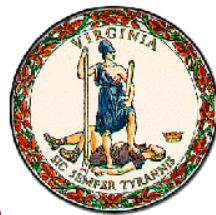


- Sponsored by: Alamance Amateur Radio Club, K4EG
- Score: 43,712
- No. C&IC: 41
- Overall Rank: 42
- John Getz, AD8J - North Carolina
 - Operated from:
 - Russell (RUS)
 - Dickenson (DIC)
 - Buchanan (BCH)
 - Scott (SCO)



2013 VQP

Single Operator CW Low Power



- Sponsored by: FISTS QSL Bureau
- Score: 53,676
- No. C&IC: 60
- Overall Rank: 34
- Riley Dudley, K4ORD - Franklin County



2013 VQP



SO VA Counties/Independent Cities Contacted

- Sponsored by: Franklin County ARC
- Score: 123,875 (last year 114,210)
- No. C&IC: 105 (last year 98)
- Overall Rank: 13 (last year 14)
- Chris Hanslits, W4VX (Zuni, VA) Last year also



2013 VQP Single Band



- Sponsored by: Vienna Wireless Society
- Score: 164,810
- No. C&IC: 77
- Overall Rank: 8
- Bill Bennett, KJ4ADN/M - Mobile



2013 VQP

VA Single Operator Phone Low Power



- Sponsored by: Dr. Joe Palsa, K3WRY

- Score: 164,810
- No. C&IC: 77
- Overall Rank: 8

- Bill Bennett, KJ4ADN/M - Mobile



2013 VQP

Virginia Mobile Single Operator



- Sponsored by:
William Conkling, NR4C, in memory of KI4LXT
- Score: 164,810
- No. C&IC: 77
- Overall Rank: 8
- Bill Bennett, KJ4ADN/M - Mobile



2013 VQP



VA Single Operator Phone High Power

- Sponsored by: Shenandoah Valley ARC

- Score: ~~235,848~~ 288,552

- No. C&IC: ~~89~~ 77

- Overall Rank: 4

- Norm Styer, AI2C - Loudoun County



2013 VQP

Virginia Single Operator High Power



- Sponsored by: North Shenandoah DX Association

- Score: ~~288,348~~ ~~288,348~~ 288,552
- No. C&IC: ~~88~~ 77
- Overall Rank: 4

- Norm Styer, AI2C - Loudoun County



2013 VQP

Virginia Single Operator Low Power



- Sponsored by: Don Sambol, K7CS
- Score: 281,510 (last year 271,764)
- No. C&IC: 90 (last year 77)
- Overall Rank: 6 (last year 3)
- Rich Zwirko, K1HTV (Amissville, VA) Last year also



2013 VQP

Single Operator CW High Power



- Sponsored by: Loudoun Amateur Radio Group
- Score: ~~288,552~~ 156,416
- No. C&IC: ~~XX~~ 57
- Overall Rank: ~~X~~ 9
- John Unger, W4AU - Loudoun County



2013 VQP

Multiple Operator Multiple Transmitter



- Sponsored by: Central Virginia Contest Club (CVCC)
- Score: 843,300 (last year 402,774)
- No. C&IC: 101 (last year 102)
- Overall Rank: 1 (last year 1)
- W4VA (last year also)
 - Mike D Kowalsky, AC8Y
 - Andrew R Zwirko, K1RA
 - Michael Trowbridge, KA4RRU
 - Mark W Lindsey, KD6AKC
 - Jason A Donnelly, KJ4EOO
 - James L Huggins, KJ4FAJ
 - John S Huggins, KX4O



2013 VQP

Virginia Club - Virginia QSOs Only

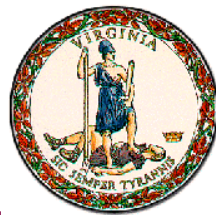


- Sponsored by: John Huggins, KX4O
- Score: 1,279,016 (last year 1,251,780)
- Fauquier ARA (last year also)



2013 VQP

Virginia Club Combined Score



- Sponsored by: Vienna Wireless Society
- Score: 1,587,407 (last year 1,592,351)
- Logs submitted: 28 (last year 27)
- Fauquier ARA (last year also)
AB4YK/M, AJ4XC, K1HTV, K1HTV/M, K1WSN/M, K2PI,
K2PI/M, K3KQ, K4EU, K4G/M (KI4ZKJ), K4JJR/M, K4ULJ/M,
K4ULJ/P, K7TRB/4, KD4SV, KG3V, KG4YLZ, KZ1AMY,
N4RP/M, N4YXW/M, W4AKO, W4IFI, W4KKN, W4KRN,
W4KRN/M, W4NHJ, W4VA, W8KRZ/M



2014 Virginia QSO Party



See you on the air!

73,

Sterling Park Amateur Radio Club



Virginia QSO Party

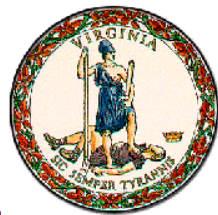
2013 Rules

No rule changes.

Added Plaque: Youth (18 or younger) Indicate age in soapbox or on summary sheet.



2013 Rules Objective and Dates



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

Sat 16 Mar 1400 UTC – Sun 17 Mar 0200 UTC
(Saturday, 10 AM – 10 PM local)

Sun 17 Mar 1200 UTC – Sun 2400 UTC
(Sunday, 8 AM – 8 PM local)



2013 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

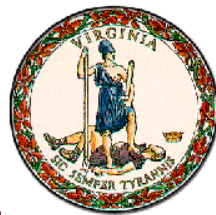
Band Categories

Multi-Band
Single Band

Club Entry



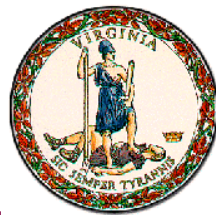
2013 Rules Valid Contacts



- 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.



2013 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.

2013 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
 - US States
 - Canadian Provinces
 - 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



2013 Rules Scoring



- Bonus Points

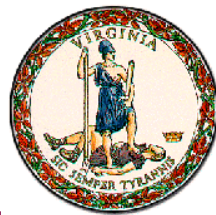
- VA Mobile and Expedition stations: 100 points for each VA County/Independent City from which they log a valid QSO.
- Contact with K4NVA: 500 bonus points (one time only)

- Final score

QSO Points X Multipliers + Bonus Points



2013 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 April 15, 2013 by mail to the VA QSO Party, Call Box 599, Sterling, VA 20167 or by email to vqp@verizon.net.
- A \$1.00 donation to help defray the costs of printing and mailing is encouraged.



2013 Rules Awards



- All participants submitting a log will receive a certificate.
- Plaques are identified on the contest web site.