

Berkeley Ballot Audit Report

Berkeley Ballot Audit Report

Prec Nber	Precinct Name	EL30A				Audit				Comments
		Total	Opt	iVo	Flash	iVo	Opt	Man	Delta	
0003	Bonneau	261	0	261	0	261	0	0	0	
0004	Bonneau Beach	482	0	482	0	482	0	0	0	
0005	Central	654	0	654	0	654	0	0	0	
0008	Carnes Cross Rd 1	579	0	579	0	579	0	0	0	
0009	Carnes Cross Rd 2	415	0	415	0	415	0	0	0	
0012	Daniel Island 1	886	0	886	0	886	0	0	0	
0013	Daniel Island 2	1220	0	1220	0	1220	0	0	0	
0014	Devon Forest 1	411	0	411	0	411	0	0	0	
0015	Devon Forest 2	641	0	641	0	641	0	0	0	
0017	Foster Creek	865	0	865	0	865	0	0	0	
0018	Goose Creek 1	464	0	464	0	464	0	0	0	
0019	Goose Creek 2	634	0	634	0	634	0	0	0	
0020	Hanahan 1	659	0	659	0	659	0	0	0	
0021	Hanahan 2	306	0	306	0	306	0	0	0	
0022	Hanahan 3	606	0	606	0	606	0	0	0	
0023	Hanahan 4	457	0	457	0	457	0	0	0	
0028	Lebanon	221	0	221	0	221	0	0	0	
0029	Macedonia	290	0	290	0	290	0	0	0	
0030	McBeth	286	0	286	0	286	0	0	0	
0031	Moncks Corner 1	465	0	465	0	465	0	0	0	
0032	Moncks Corner 2	388	0	388	0	388	0	0	0	
0033	Moncks Corner 3	368	0	368	0	368	0	0	0	
0034	Moncks Corner 4	709	0	709	0	709	0	0	0	
0035	Pimlico	589	0	589	0	589	0	0	0	
0036	Pionopolis	573	0	573	0	573	0	0	0	
0038	Sangaree 1	506	0	506	0	506	0	0	0	
0039	Sangaree 2	418	0	418	0	418	0	0	0	
0040	Sangaree 3	481	0	481	0	481	0	0	0	
0044	Stratford 1	425	0	425	0	425	0	0	0	
0045	Stratford 2	778	0	778	0	778	0	0	0	
0046	Stratford 3	464	0	464	0	464	0	0	0	
0047	Stratford 4	396	0	396	0	396	0	0	0	
0048	Wassamassaw 1	823	0	823	0	823	0	0	0	
0049	Wassamassaw 2	718	0	718	0	718	0	0	0	
0050	Westview 1	652	0	652	0	652	0	0	0	
0051	Westview 2	796	0	796	0	796	0	0	0	
0052	Westview 3	427	0	427	0	427	0	0	0	
0054	Beverly Hills	305	0	305	0	305	0	0	0	
0055	Howe Hall 1	416	0	416	0	416	0	0	0	
0056	Howe Hall 2	275	0	275	0	275	0	0	0	
0057	Liberty Hall	376	0	376	0	376	0	0	0	
0058	Medway	659	0	659	0	659	0	0	0	
0059	Whitesville 1	391	0	391	0	391	0	0	0	
0060	Whitesville 2	444	0	444	0	444	0	0	0	
Precincts	Total:	23179	0	23179	0	23179	0	0	0	
0750	Absentee	1701	799	902	0	902	799	0	0	

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0800	Emergency	34	34	0	0	0	34	0	0
0850	Fail safe	21	20	1	0	1	20	0	0
0900	Provisional	6	6	0	0	0	6	0	0
0950	Fail safe Provisional	0	0	0	0	0	0	0	0
Virtual Precincts Total:		1762	859	903	0	903	859	0	0
Grand Total:		24941	859	24082	0	24082	859	0	0

Total number of iVotronic ballots cast containing no votes: 71

NOTE: Any manual entries shown on this report are supported by the Manual Entry Log (EL68).

EL30A iVo to EL155 to EL152 Cross Check and Cancelled Ballots.

EL30A iVo Ballots	EL155 Ballots	EL152 Ballots	
24082	24082	24082	
Delta from EL30A	0	0	
	Delta from EL155	0	
	Cast By Voter	24076	
	Cast By Poll Wkr	6	
	Blank Cast by PW	0	
	Cancelled Ballots	156	
	Wrong Ballot	12	
	Voter Left AB	4	(AB = After ballot selected by poll worker.)
	Voter Left BB	11	(BB = Before ballot selected by poll worker.)
	Voter Request	42	
	Printer Problem	1	
	Terminal Problem	11	
	Other Reason	75	

How to read this report.

This is the ballot level report. It compares the number of ballots cast in the tabulation report, the EL30A with the number of ballots cast in the audit data.

The values read from the EL30A report are reported in four categories; Total, Optical (Opt), iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from the actual report. The total lines are the calculated sums of the individual precinct line values.

The Opt totals are the total number of ballots cast on paper ballots that were scanned into the optical scanner and transferred to the tabulation computer via memory stick or ZipDisk (depending on the type of device, M100 or M650 used to scan the ballots.) Optical totals should exist only in some but not all of the Virtual Precincts at the bottom of the table.

The iVo totals are the results gathered from the PEBs (Personal Electronic Ballot) which are used to open and close an iVotronic voting machine and, after the polls have closed, gather the ballots

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cast for transmission to the tabulation system.

The Flash totals are the totals that are read from the flash cards in the rare event that the ballots cannot be copied from the machine to the PEB or from the PEB to the tabulating machine.

The values on the Audit side come from the iVotronic audit data that is read from the flash cards as part of the audit process. That process combines the individual machine data into two master audit files, the EL155 Vote image log and the EL152 iVotronic event log.

The EL155 contains a record of all the votes cast on a ballot. The vote images indicate the machine. Counting the number of asterisks in a precinct we get the number of ballots cast in that precinct. That number should always match the number in the iVo column on the EL30A side of the report.

Optical ballots do not have electronically readable audit files. So if the audit data iVotronic total does not match the EL30A Total value, the auditor is prompted to read the paper report from the optical scanner and enter the total ballots cast into the auditing program.

If the sum of the audit iVotronic and Optical ballots cast still do not match the EL30A total value, then the audit software reads the EL68 Manual Entry log for any changes made in that precinct to either the iVo or Opt totals by the CEC staff. It displays any manual entries to the auditor for inclusion into the totals. If accepted by the auditor these entries are automatically added to the Man column from the Manual Entry log.

Finally, the audit software calculates the Delta value which should be zero unless the sum of the iVo, the Opt and the Man do not match the EL30A Total column. If the Delta is greater than zero then audit data is missing. A comment will be placed on that line in the report indicating missing audit data. If the Delta value is less than zero then there are more ballots in the audit data than there are in the tabulated data and a comment will be placed on that line in the report.

Wherever possible, the audit system will attempt to indicate where the difference is by displaying the iVotronic machine numbers and the number of ballots cast on that machine that exist in the audit data. In the case of missing tabulated data, it might be possible to identify a machine that has the same number of ballots cast as the delta value and that number and ballot count will be highlighted with a < sign. If there is a non zero Delta value there will be an entry by the auditor explaining the variance.

Finally, there is a EL30A iVo to EL155 to EL152 Cross Check and Cancelled Ballots table in the report. This table should indicate that the number ballots cast in the EL30A match the numbers in the EL155 and the EL152 report. Then there are some statistics pulled from the EL152 report that indicate how many ballots were cast by the voter and the number cast by the poll worker. Lastly the number of ballots that were cancelled and the reason they were cancelled. It should be noted that the reason cancelled is chosen from a pull down menu presented to the poll worker when a ballot is cancelled, there is no way to validate the poll worker's choice.

Berkeley Vote Audit

Berkeley Vote Level Audit Report

Precinct Number / Name Office	Candidate	Party	EL30A				Audit		Comments
			Total	Optical	iVo	Flash	iVo	Delta	
0003 Bonneau									
U.S. House of Rep. District 1	Mark Sanford	(REP)	141	0	141	0	141	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	102	0	102	0	102	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	15	0	15	0	15	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	0	0	0	0	0	0	* No Audit Data expected or found
U.S. House of Rep. District 1	Write-In		0	0	0	0	0	0	* No Audit Data expected or found
0004 Bonneau Beach									
U.S. House of Rep. District 1	Mark Sanford	(REP)	369	0	369	0	369	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	98	0	98	0	98	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	9	0	9	0	9	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	3	0	3	0	3	0	
U.S. House of Rep. District 1	Write-In		2	0	2	0	2	0	
0005 Central									
U.S. House of Rep. District 1	Mark Sanford	(REP)	374	0	374	0	374	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	244	0	244	0	244	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	30	0	30	0	30	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	4	0	4	0	4	0	
U.S. House of Rep. District 1	Write-In		1	0	1	0	1	0	
0008 Carnes Cross Rd 1									
U.S. House of Rep. District 1	Mark Sanford	(REP)	474	0	474	0	474	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	82	0	82	0	82	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	7	0	7	0	7	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	8	0	8	0	8	0	
U.S. House of Rep. District 1	Write-In		2	0	2	0	2	0	
0009 Carnes Cross Rd 2									
U.S. House of Rep. District 1	Mark Sanford	(REP)	250	0	250	0	250	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	137	0	137	0	137	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	19	0	19	0	19	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	5	0	5	0	5	0	
U.S. House of Rep. District 1	Write-In		3	0	3	0	3	0	
0012 Daniel Island 1									
U.S. House of Rep. District 1	Mark Sanford	(REP)	591	0	591	0	591	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	269	0	269	0	269	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	19	0	19	0	19	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	3	0	3	0	3	0	
U.S. House of Rep. District 1	Write-In		4	0	4	0	4	0	
0013 Daniel Island 2									
U.S. House of Rep. District 1	Mark Sanford	(REP)	660	0	660	0	660	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	514	0	514	0	514	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	38	0	38	0	38	0	

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U.S. House of Rep. District 1	Eugene Platt	(GRN)	4	0	4	0	4	0
U.S. House of Rep. District 1	Write-In		3	0	3	0	3	0
0014 Devon Forest 1								
U.S. House of Rep. District 1	Mark Sanford	(REP)	226	0	226	0	226	0
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	168	0	168	0	168	0
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	13	0	13	0	13	0
U.S. House of Rep. District 1	Eugene Platt	(GRN)	0	0	0	0	* No Audit Data expected or found	0
U.S. House of Rep. District 1	Write-In		3	0	3	0	3	0
0015 Devon Forest 2								
U.S. House of Rep. District 1	Mark Sanford	(REP)	395	0	395	0	395	0
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	223	0	223	0	223	0
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	20	0	20	0	20	0
U.S. House of Rep. District 1	Eugene Platt	(GRN)	3	0	3	0	3	0
U.S. House of Rep. District 1	Write-In		0	0	0	0	* No Audit Data expected or found	0
0017 Foster Creek								
U.S. House of Rep. District 1	Mark Sanford	(REP)	516	0	516	0	516	0
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	309	0	309	0	309	0
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	27	0	27	0	27	0
U.S. House of Rep. District 1	Eugene Platt	(GRN)	7	0	7	0	7	0
U.S. House of Rep. District 1	Write-In		3	0	3	0	3	0
0018 Goose Creek 1								
U.S. House of Rep. District 1	Mark Sanford	(REP)	264	0	264	0	264	0
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	176	0	176	0	176	0
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	20	0	20	0	20	0
U.S. House of Rep. District 1	Eugene Platt	(GRN)	2	0	2	0	2	0
U.S. House of Rep. District 1	Write-In		1	0	1	0	1	0
0019 Goose Creek 2								
U.S. House of Rep. District 1	Mark Sanford	(REP)	312	0	312	0	312	0
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	288	0	288	0	288	0
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	28	0	28	0	28	0
U.S. House of Rep. District 1	Eugene Platt	(GRN)	1	0	1	0	1	0
U.S. House of Rep. District 1	Write-In		3	0	3	0	3	0
0020 Hanahan 1								
U.S. House of Rep. District 1	Mark Sanford	(REP)	513	0	513	0	513	0
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	129	0	129	0	129	0
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	10	0	10	0	10	0
U.S. House of Rep. District 1	Eugene Platt	(GRN)	4	0	4	0	4	0
U.S. House of Rep. District 1	Write-In		1	0	1	0	1	0
0021 Hanahan 2								
U.S. House of Rep. District 1	Mark Sanford	(REP)	205	0	205	0	205	0
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	86	0	86	0	86	0
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	13	0	13	0	13	0
U.S. House of Rep. District 1	Eugene Platt	(GRN)	2	0	2	0	2	0
U.S. House of Rep. District 1	Write-In		0	0	0	0	* No Audit Data expected or found	0

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0022	Hanahan 3								
U.S. House of Rep. District 1		Mark Sanford	(REP)	486	0	486	0	486	0
U.S. House of Rep. District 1		Elizabeth Colbert Busch	(DEM)	107	0	107	0	107	0
U.S. House of Rep. District 1		Elizabeth Colbert Busch	(WFM)	9	0	9	0	9	0
U.S. House of Rep. District 1		Eugene Platt	(GRN)	1	0	1	0	1	0
U.S. House of Rep. District 1		Write-In		1	0	1	0	1	0
0023	Hanahan 4								
U.S. House of Rep. District 1		Mark Sanford	(REP)	305	0	305	0	305	0
U.S. House of Rep. District 1		Elizabeth Colbert Busch	(DEM)	130	0	130	0	130	0
U.S. House of Rep. District 1		Elizabeth Colbert Busch	(WFM)	15	0	15	0	15	0
U.S. House of Rep. District 1		Eugene Platt	(GRN)	5	0	5	0	5	0
U.S. House of Rep. District 1		Write-In		0	0	0	0	0	* No Audit Data expected or found
0028	Lebanon								
U.S. House of Rep. District 1		Mark Sanford	(REP)	177	0	177	0	177	0
U.S. House of Rep. District 1		Elizabeth Colbert Busch	(DEM)	38	0	38	0	38	0
U.S. House of Rep. District 1		Elizabeth Colbert Busch	(WFM)	2	0	2	0	2	0
U.S. House of Rep. District 1		Eugene Platt	(GRN)	3	0	3	0	3	0
U.S. House of Rep. District 1		Write-In		0	0	0	0	0	* No Audit Data expected or found
0029	Macedonia								
U.S. House of Rep. District 1		Mark Sanford	(REP)	245	0	245	0	245	0
U.S. House of Rep. District 1		Elizabeth Colbert Busch	(DEM)	32	0	32	0	32	0
U.S. House of Rep. District 1		Elizabeth Colbert Busch	(WFM)	8	0	8	0	8	0
U.S. House of Rep. District 1		Eugene Platt	(GRN)	3	0	3	0	3	0
U.S. House of Rep. District 1		Write-In		0	0	0	0	0	* No Audit Data expected or found
0030	McBeth								
U.S. House of Rep. District 1		Mark Sanford	(REP)	161	0	161	0	161	0
U.S. House of Rep. District 1		Elizabeth Colbert Busch	(DEM)	107	0	107	0	107	0
U.S. House of Rep. District 1		Elizabeth Colbert Busch	(WFM)	17	0	17	0	17	0
U.S. House of Rep. District 1		Eugene Platt	(GRN)	0	0	0	0	0	* No Audit Data expected or found
U.S. House of Rep. District 1		Write-In		0	0	0	0	0	* No Audit Data expected or found
0031	Moncks Corner 1								
U.S. House of Rep. District 1		Mark Sanford	(REP)	258	0	258	0	258	0
U.S. House of Rep. District 1		Elizabeth Colbert Busch	(DEM)	192	0	192	0	192	0
U.S. House of Rep. District 1		Elizabeth Colbert Busch	(WFM)	12	0	12	0	12	0
U.S. House of Rep. District 1		Eugene Platt	(GRN)	0	0	0	0	0	* No Audit Data expected or found
U.S. House of Rep. District 1		Write-In		1	0	1	0	1	0
0032	Moncks Corner 2								
U.S. House of Rep. District 1		Mark Sanford	(REP)	193	0	193	0	193	0
U.S. House of Rep. District 1		Elizabeth Colbert Busch	(DEM)	187	0	187	0	187	0
U.S. House of Rep. District 1		Elizabeth Colbert Busch	(WFM)	6	0	6	0	6	0
U.S. House of Rep. District 1		Eugene Platt	(GRN)	0	0	0	0	0	* No Audit Data expected or found
U.S. House of Rep. District 1		Write-In		1	0	1	0	1	0
0033	Moncks Corner 3								
U.S. House of Rep. District 1		Mark Sanford	(REP)	148	0	148	0	148	0
U.S. House of Rep. District 1		Elizabeth Colbert Busch	(DEM)	192	0	192	0	192	0

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U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	23	0	23	0	23	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	5	0	5	0	5	0	
U.S. House of Rep. District 1	Write-In		0	0	0	0	0	0	* No Audit Data expected or found
0034 Moncks Corner 4									
U.S. House of Rep. District 1	Mark Sanford	(REP)	509	0	509	0	509	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	180	0	180	0	180	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	9	0	9	0	9	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	7	0	7	0	7	0	
U.S. House of Rep. District 1	Write-In		1	0	1	0	1	0	
0035 Pimlico									
U.S. House of Rep. District 1	Mark Sanford	(REP)	432	0	432	0	432	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	133	0	133	0	133	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	21	0	21	0	21	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	1	0	1	0	1	0	
U.S. House of Rep. District 1	Write-In		1	0	1	0	1	0	
0036 Pinopolis									
U.S. House of Rep. District 1	Mark Sanford	(REP)	428	0	428	0	428	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	120	0	120	0	120	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	11	0	11	0	11	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	8	0	8	0	8	0	
U.S. House of Rep. District 1	Write-In		2	0	2	0	2	0	
0038 Sangaree 1									
U.S. House of Rep. District 1	Mark Sanford	(REP)	296	0	296	0	296	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	185	0	185	0	185	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	20	0	20	0	20	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	3	0	3	0	3	0	
U.S. House of Rep. District 1	Write-In		0	0	0	0	0	0	* No Audit Data expected or found
0039 Sangaree 2									
U.S. House of Rep. District 1	Mark Sanford	(REP)	243	0	243	0	243	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	153	0	153	0	153	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	14	0	14	0	14	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	6	0	6	0	6	0	
U.S. House of Rep. District 1	Write-In		2	0	2	0	2	0	
0040 Sangaree 3									
U.S. House of Rep. District 1	Mark Sanford	(REP)	307	0	307	0	307	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	151	0	151	0	151	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	13	0	13	0	13	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	5	0	5	0	5	0	
U.S. House of Rep. District 1	Write-In		1	0	1	0	1	0	
0044 Stratford 1									
U.S. House of Rep. District 1	Mark Sanford	(REP)	229	0	229	0	229	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	168	0	168	0	168	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	21	0	21	0	21	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	5	0	5	0	5	0	
U.S. House of Rep. District 1	Write-In		1	0	1	0	1	0	

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0045	Stratford 2								
U.S. House of Rep. District 1	Mark Sanford	(REP)	556	0	556	0	556	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	199	0	199	0	199	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	20	0	20	0	20	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	2	0	2	0	2	0	
U.S. House of Rep. District 1	Write-In		0	0	0	0			* No Audit Data expected or found
0046	Stratford 3								
U.S. House of Rep. District 1	Mark Sanford	(REP)	286	0	286	0	286	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	153	0	153	0	153	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	17	0	17	0	17	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	7	0	7	0	7	0	
U.S. House of Rep. District 1	Write-In		1	0	1	0	1	0	
0047	Stratford 4								
U.S. House of Rep. District 1	Mark Sanford	(REP)	214	0	214	0	214	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	162	0	162	0	162	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	15	0	15	0	15	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	3	0	3	0	3	0	
U.S. House of Rep. District 1	Write-In		0	0	0	0			* No Audit Data expected or found
0048	Wassamassaw 1								
U.S. House of Rep. District 1	Mark Sanford	(REP)	430	0	430	0	430	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	357	0	357	0	357	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	33	0	33	0	33	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	1	0	1	0	1	0	
U.S. House of Rep. District 1	Write-In		2	0	2	0	2	0	
0049	Wassamassaw 2								
U.S. House of Rep. District 1	Mark Sanford	(REP)	443	0	443	0	443	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	241	0	241	0	241	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	27	0	27	0	27	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	5	0	5	0	5	0	
U.S. House of Rep. District 1	Write-In		1	0	1	0	1	0	
0050	Westview 1								
U.S. House of Rep. District 1	Mark Sanford	(REP)	451	0	451	0	451	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	176	0	176	0	176	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	20	0	20	0	20	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	2	0	2	0	2	0	
U.S. House of Rep. District 1	Write-In		2	0	2	0	2	0	
0051	Westview 2								
U.S. House of Rep. District 1	Mark Sanford	(REP)	488	0	488	0	488	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	272	0	272	0	272	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	26	0	26	0	26	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	4	0	4	0	4	0	
U.S. House of Rep. District 1	Write-In		4	0	4	0	4	0	
0052	Westview 3								
U.S. House of Rep. District 1	Mark Sanford	(REP)	308	0	308	0	308	0	

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U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	103	0	103	0	103	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	11	0	11	0	11	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	5	0	5	0	5	0	
U.S. House of Rep. District 1	Write-In		0	0	0	0			* No Audit Data expected or found
0054 Beverly Hills									
U.S. House of Rep. District 1	Mark Sanford	(REP)	145	0	145	0	145	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	145	0	145	0	145	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	14	0	14	0	14	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	1	0	1	0	1	0	
U.S. House of Rep. District 1	Write-In		0	0	0	0			* No Audit Data expected or found
0055 Howe Hall 1									
U.S. House of Rep. District 1	Mark Sanford	(REP)	216	0	216	0	216	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	180	0	180	0	180	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	17	0	17	0	17	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	1	0	1	0	1	0	
U.S. House of Rep. District 1	Write-In		1	0	1	0	1	0	
0056 Howe Hall 2									
U.S. House of Rep. District 1	Mark Sanford	(REP)	154	0	154	0	154	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	103	0	103	0	103	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	16	0	16	0	16	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	2	0	2	0	2	0	
U.S. House of Rep. District 1	Write-In		0	0	0	0			* No Audit Data expected or found
0057 Liberty Hall									
U.S. House of Rep. District 1	Mark Sanford	(REP)	147	0	147	0	147	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	213	0	213	0	213	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	12	0	12	0	12	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	1	0	1	0	1	0	
U.S. House of Rep. District 1	Write-In		2	0	2	0	2	0	
0058 Medway									
U.S. House of Rep. District 1	Mark Sanford	(REP)	287	0	287	0	287	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	337	0	337	0	337	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	25	0	25	0	25	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	5	0	5	0	5	0	
U.S. House of Rep. District 1	Write-In		2	0	2	0	2	0	
0059 whitesville 1									
U.S. House of Rep. District 1	Mark Sanford	(REP)	170	0	170	0	170	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	198	0	198	0	198	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	19	0	19	0	19	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	0	0	0	0			* No Audit Data expected or found
U.S. House of Rep. District 1	Write-In		0	0	0	0			* No Audit Data expected or found
0060 whitesville 2									
U.S. House of Rep. District 1	Mark Sanford	(REP)	293	0	293	0	293	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	140	0	140	0	140	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	7	0	7	0	7	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	2	0	2	0	2	0	

		Berkeley Vote Audit							
			1	0	1	0	1	0	
U.S. House of Rep. District 1	Write-In		1	0	1	0	1	0	
0750 Absentee									
U.S. House of Rep. District 1	Mark Sanford	(REP)	799	441	358	0	358	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	773	317	456	0	456	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	92	14	78	0	78	0	
U.S. House of Rep. District 1	Eugene Platt	(GRN)	7	4	3	0	3	0	
U.S. House of Rep. District 1	Write-In		10	9	1	0	1	0	
0800 Emergency									
U.S. House of Rep. District 1	Mark Sanford	(REP)	26	26	0	0	* All votes cast for this candidate * in this precinct are optical. * No Audit Data for optical.		
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	8	8	0	0	* All votes cast for this candidate * in this precinct are optical. * No Audit Data for optical.		
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	0	0	0	0	* No Audit Data expected or found		
U.S. House of Rep. District 1	Eugene Platt	(GRN)	0	0	0	0	* No Audit Data expected or found		
U.S. House of Rep. District 1	Write-In		0	0	0	0	* No Audit Data expected or found		
0850 Failsafe									
U.S. House of Rep. District 1	Mark Sanford	(REP)	13	13	0	0	* All votes cast for this candidate * in this precinct are optical. * No Audit Data for optical.		
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	8	7	1	0	1	0	
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	0	0	0	0	* No Audit Data expected or found		
U.S. House of Rep. District 1	Eugene Platt	(GRN)	0	0	0	0	* No Audit Data expected or found		
U.S. House of Rep. District 1	Write-In		0	0	0	0	* No Audit Data expected or found		
0900 Provisional									
U.S. House of Rep. District 1	Mark Sanford	(REP)	4	4	0	0	* All votes cast for this candidate * in this precinct are optical. * No Audit Data for optical.		
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	2	2	0	0	* All votes cast for this candidate * in this precinct are optical. * No Audit Data for optical.		
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	0	0	0	0	* No Audit Data expected or found		
U.S. House of Rep. District 1	Eugene Platt	(GRN)	0	0	0	0	* No Audit Data expected or found		
U.S. House of Rep. District 1	Write-In		0	0	0	0	* No Audit Data expected or found		
0950 Failsafe Provisional									
U.S. House of Rep. District 1	Mark Sanford	(REP)	0	0	0	0	* No Audit Data expected or found		
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(DEM)	0	0	0	0	* No Audit Data expected or found		
U.S. House of Rep. District 1	Elizabeth Colbert Busch	(WFM)	0	0	0	0	* No Audit Data expected or found		
U.S. House of Rep. District 1	Eugene Platt	(GRN)	0	0	0	0	* No Audit Data expected or found		
U.S. House of Rep. District 1	Write-In		0	0	0	0	* No Audit Data expected or found		

There was no unmatched audit data

Berkeley Vote Audit

How to read this report.

This is the vote level report. It compares the number of votes cast for each candidate in the tabulation report with the number of ballots cast in the audit data for each candidates in each precinct.

The tabulated values as read from the EL30A report are reported in four categories; Total, Optical (Opt), iVotronic (ivo) and Flash. None of these values on each line are calculated but parsed from the actual report. In the EL30A report all write-in votes are added together and reported as one candidate name - Write-in. The EL30A does not report individual write-in candidates.

The Opt totals are the total number of votes cast on paper ballots that were scanned into the optical scanner and transferred to the tabulation computer via memory stick or ZipDisk (depending on the type of device, M100 or M650 used to scan the ballots.) Optical totals should exist only in some but not all of the Virtual Precincts at the bottom of the table.

The ivo totals are the results gathered from the PEBs (Personal Electronic Ballot) which are used to open and close an iVotronic voting machine and, after the polls have closed, gather the ballots cast for transmission to the tabulation system.

The Flash totals are the totals that are read from the flash cards in the rare event that the ballots cannot be copied from the machine to the PEB or from the PEB to the tabulating machine.

The values on the Audit side come from the iVotronic audit data that is read from the flash cards as part of the audit process. That process combines the individual machine data into a master audit file, the EL155 Vote image log.

The EL155 contains a record of all the votes cast on a ballot. The vote images indicate the machine counting the number of times a candidate name for a contest appears in a precinct we get the number of votes cast in that precinct for that candidates. That number should always match the number of votes cast for that candidate in that contest in the ivo column on the EL30A side of the report.

Optical ballots do not have electronically readable audit files. So if the audit data iVotronic total votes does not match the EL30A ivo value one of two things will occur. The first is if the iVotronic tabulated is zero and the Total tabulated votes match the tabulated Optical votes the following comment is made in the Audit side of the report; All votes cast for this candidate in this precinct are optical No Audit Data for optical, or secondly, if the iVotronic total is not zero, a notation indicating which data Audit data In the event a candidate or the combined write-in candidates did not receive any votes in a precinct the EL30A will report a zero vote count. If there are no votes for this candidate in a precinct in the audit data, the following comment will be placed into the audit report by the auditing software; No Audit Data expected or found.

Finally the audit software will search the audit data for any votes that were not found on the EL30A report. If it finds some, it will report those vote totals by contest, candidate name and precinct. if it does not find any unmatched audit data it will report; There was no unmatched audit data

Berkel ey EL30A45A Compare

Berkel ey EL30A45A Compari son Report

Offi ce	Candi date	Party	EL30A				EL45A				Del ta
			Tot	Opt	iVo	Fl ash	Tot	Opt	iVo	Fl ash	
U. S. House of Rep. Di strict 1	Mark Sanford	(REP)	15137	484	14653	0	15137	484	14653	0	0
U. S. House of Rep. Di strict 1	El izabeth Colbert Busch	(DEM)	8670	334	8336	0	8670	334	8336	0	0
U. S. House of Rep. Di strict 1	El izabeth Colbert Busch	(WFM)	840	14	826	0	840	14	826	0	0
U. S. House of Rep. Di strict 1	Eugene Pl att	(GRN)	146	4	142	0	146	4	142	0	0
U. S. House of Rep. Di strict 1	Write-In		63	9	54	0	63	9	54	0	0

How to read this report.

This is EL30A EL45A Crosscheck Report. It sums each candidates vote totals in each precinct in the EL30A Precinct Detail Report and compares it to the EL45A Election Summary Report that contains the tabulated total for each candidate in the county.

The values read from the EL30A report are reported in four categories; Total, Optical (Opt), iVotronic (iVo) and Flash. None of these values on each line are calculated but parsed from the actual report. The total lines are the calculated sums of the individual precince line values.

The Opt totals are the total number of votes cast on paper ballots that were scanned into the optical scanner and transferred to the tabulation computer via memory stick or ZipDisk (depending on the type of device, M100 or M650 used to scan the ballots.) Optical totals should exist only in some but not all of the Virtual Precincts at the bottom of the table.

The iVo totals are the results gathered from the PEBs (Personal Electronic Ballot) which are used to open and close an iVotronic voting machine and, after the polls have closed, gather the ballots cast for transmission to the tabulation system.

The Flash totals are the totals that are read from the flash cards in the rare event that the ballots cannot be copied from the machine to the PEB or from the PEB to the tabulating machine.

The values read from the EL45A report are reported in same four categories; Total, Optical (Opt), iVotronic (iVo) and Flash as the EL30A. Like the EL30A they are parsed from the actual EL45A report. The summary candidate totals are compared against the calculated sums for each candidate from, the EL30A report. Each of the values in each line on the EL30A side must match the same value on the EL45A side and the Delta value must be zero.

Berkel ey PEB Use Report

Preci nct	PEBs Used	Comments
Bonneau	135184	
Bonneau Beach	124675	
Central	125515	
Carnes Cross Rd 1	122995	
Carnes Cross Rd 2	144759	
Dani el Isl and 1	133665	
Dani el Isl and 2	229798	
Devon Forest 1	124849	
Devon Forest 2	147256	
Foster Creek	147383	
Goose Creek 1	139111	
Goose Creek 2	147839	
Hanahan 1	147932	
Hanahan 2	141727	
Hanahan 3	144748	
Hanahan 4	145063	
Lebanon	229791	
Macedoni a	122992	
McBeth	155259	
Moncks Corner 1	123123	
Moncks Corner 2	147356	
Moncks Corner 3	151409	
Moncks Corner 4	209155	
Pi ml i co	144380	
Pi nopol i s	147853	
Sangaree 1	134510	
Sangaree 2	137498	
Sangaree 3	154987	
Stratford 1	146795	
Stratford 2	151048	
Stratford 3	149252	
Stratford 4	144729	
Wassamassaw 1	154678	
Wassamassaw 2	151849	144719 149794 134542 WARNING: 4 PEBs used to open/cl ose machi nes.
Westvi ew 1	144987	
Westvi ew 2	145417	
Westvi ew 3	146576	
Beverly Hi l l s	155163	
Howe Hall 1	144853	
Howe Hall 2	155597	
Li berty Hall	209171	
Medway	147585	
Whi tesvi l l e 1	138567	
Whi tesvi l l e 2	155711	
Absentee	151248	
Fai l safe	151248	

46 precincts processed

How to read this report.

This is the PEB Used report. It lists the precincts found in the Audit data and lists all the PEBs that were used by the poll workers to open and close the iVotronic machines in that precinct.

If more than one PEB is used to open and close all the iVotronic machines in a precinct, then the County Election Commission must read ALL the PEBs used in that precinct to assure that they have collected all the ballots from that precinct. A county whose report shows a precinct that has machines open or closed by more than one PEB should double check the Ballot Audit Report against the iVotronic paper tapes and the Poll Book to make sure that all the ballots have been collected and tabulated.

PEBExceptionsReport

Berkel ey PEB Excepti ons Report

iVo #	Op PEB	Open Time	CI PEB	Cl ose Time	Excepti on Type	Preci nct - Ball ots Cast
5104605	151849	05/07/2013 06: 35: 20	144719	05/07/2013 19: 18: 32	>>>0/C PEBs<<<	Wassamassaw 2 - 325
5120066	149794	05/07/2013 06: 30: 34	144719	05/07/2013 19: 48: 42	>>>0/C PEBs<<<	Wassamassaw 2 - 166
5122715	151248	04/09/2013 09: 23: 33	151248	05/07/2013 19: 03: 00	>>Open Date<<	Absentee - 577 Fail safe - 1
5122715	151248	04/09/2013 09: 23: 33	151248	05/07/2013 19: 03: 00	Open Time	Absentee - 577 Fail safe - 1
5122978	209155	05/07/2013 06: 48: 02	209155	05/07/2013 07: 52: 08	Cl ose Time	Moncks Corner 4 - 10
5124394	151248	04/10/2013 09: 13: 07	151248	05/07/2013 19: 01: 22	>>Open Date<<	Absentee - 325
5124394	151248	04/10/2013 09: 13: 07	151248	05/07/2013 19: 01: 22	Open Time	Absentee - 325
5124404	134542	05/07/2013 06: 35: 07	144719	05/07/2013 19: 45: 13	>>>0/C PEBs<<<	Wassamassaw 2 - 227
5127604	209155	05/07/2013 07: 57: 34	209155	05/07/2013 19: 07: 15	Open Time	Moncks Corner 4 - 350
5127639	147585	05/07/2013 06: 28: 17	147585	05/07/2013 09: 44: 53	Cl ose Time	>>>No Ball ots<<<
5128761	147585	05/07/2013 09: 28: 35	147585	05/07/2013 19: 07: 48	Open Time	Medway - 140

How to read this report.

This is the PEB Exceptions Report. It checks for the following conditions in the iVotronic Event Log;

- 1: A machine that was opened and closed by different PEBs
- 2: A Machine that was not opened on Election Date - could be either an absentee or test machine
- 3: A Machine that was not closed on Election Date - could have had problem closing
- 4: A Machine that was not opened by 7 am - note most Absentee machines will show up here
- 5: A Machine that was closed before 7pm - polls close at 7 PM
- 6: A Machine that was not closed ever.
- 7: A machine that has no ballots cast on it.

Each of the events above detected are reported on a separate line, each line contains the following information: iVotronic machine number, Opening PEB Number, Open Time, Closing PEB Number, Closing Time, the Exception Type and the Precinct and the Ballots Cast on that machine.