

Calhoun 2018 Statewide Primary Runoff Audit Report

Calhoun Ballot Audit Report
 Election: 2018 Statewide Primary Runoff
 Audit Date: 12:43:29, Thu Jun 28, 2018

Prec Nber	Precinct Name	EL30A							Audit				Comments
		Total	DS850	M650	DS200	M100	iVo	Flash	iVo	Opt	Man	Delta	
0001	Bethel	97	0	0	0	0	97	0	97	0	0	0	
0002	Cameron	96	0	0	0	0	96	0	96	0	0	0	
0003	Center Hill	67	0	0	0	0	67	0	67	0	0	0	
0004	Creston	32	0	0	0	0	32	0	32	0	0	0	
0005	Dixie	75	0	0	0	0	75	0	75	0	0	0	
0006	Fall Branch	59	0	0	0	0	59	0	59	0	0	0	
0007	Fort Motte	40	0	0	0	0	40	0	40	0	0	0	
0008	Lone Star	95	0	0	0	0	95	0	95	0	0	0	
0009	Midway	77	0	0	0	0	77	0	77	0	0	0	
0010	Murph Mill	41	0	0	0	0	41	0	41	0	0	0	
0011	Sandy Run	262	0	0	0	0	262	0	262	0	0	0	
0012	St. Matthews	180	0	0	0	0	180	0	180	0	0	0	
Precincts Total:		1121	0	0	0	0	1121	0	1121	0	0	0	
0750	Absentee	60	0	0	0	12	48	0	48	0	12	0	
0800	Emergency	5	0	0	0	5	0	0	0	5	0	0	
0850	Fail safe	2	0	0	0	0	2	0	2	0	0	0	
0900	Provisional	0	0	0	0	0	0	0	0	0	0	0	
0950	Fail safe Provisional	0	0	0	0	0	0	0	0	0	0	0	
Virtual Precincts Total:		67	0	0	0	17	50	0	50	5	12	0	
Grand Total:		1188	0	0	0	17	1171	0	1171	5	12	0	

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

Auditor's Comments:

Total number of iVotronic ballots cast containing no votes: 3
 The following precincts have no ballots cast in them: Provisional, Fail safe Provisional

Exception: Manual Entries found

Manual Entry Details:

Precinct	Candidate	Date	Hour	Min	Group	Old	New	Change	Tabulator	Comments
0750 Absentee	BALLOTS CAST - TOTAL	06-26	20	11pm	4	0	12	12	M100	Updated Successfully
0800 Emergency	BALLOTS CAST - TOTAL	06-26	20	12pm	4	0	5	5	M100	Already Updated

 # This audit has exceptions. #
 #####

Auditor's Note: Primary optical ballots were used and manual entries made.

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Status of ERM Reports
 EL30A is marked Official
 EL45A is marked Official

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

EL30A Ivo Ballots	EL155 Ballots	EL152 Ballots
1171	1171	1171
Delta from EL30A	0	0
	Delta from EL155	0
	Cast By Voter	1171
	Cast By Poll Wkr	0
	Blank Cast by PW	0
	Cancelled Ballots	24
	Wrong Ballot	6
	Voter Left AB	0
	Voter Left BB	0
	Voter Request	1
	Printer Problem	3
	Terminal Problem	3
	Other Reason	11

(AB = After ballot selected by poll worker.)
 (BB = Before ballot selected by poll worker.)

Number of audio (ADA) events in this election: 0

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 precince 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 cast for transmission to the tabulation system.

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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.

 Calhoun Vote Level Audit Report
 Election: 2018 Statewide Primary Runoff
 Audit Date: 12:44:17, Thu Jun 28, 2018

Precinct Number / Name Office	Candidate	Party	EL30A					Audit		Comments
			Total	DS850	M650	DS200	M100	iVo	Flash	

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0001	Bethel	#####									
Init - Governor	Henry McMaster	54	0	0	0	0	54	0	54	0	
Init - Governor	John Warren	42	0	0	0	0	42	0	42	0	
Init - Attorney General	Todd Atwater	34	0	0	0	0	34	0	34	0	
Init - Attorney General	Alan Wilson	61	0	0	0	0	61	0	61	0	
0002	Cameron	#####									
Init - Governor	Henry McMaster	58	0	0	0	0	58	0	58	0	
Init - Governor	John Warren	38	0	0	0	0	38	0	38	0	
Init - Attorney General	Todd Atwater	35	0	0	0	0	35	0	35	0	
Init - Attorney General	Alan Wilson	61	0	0	0	0	61	0	61	0	
0003	Center Hill	#####									
Init - Governor	Henry McMaster	46	0	0	0	0	46	0	46	0	
Init - Governor	John Warren	21	0	0	0	0	21	0	21	0	
Init - Attorney General	Todd Atwater	20	0	0	0	0	20	0	20	0	
Init - Attorney General	Alan Wilson	43	0	0	0	0	43	0	43	0	
0004	Creston	#####									
Init - Governor	Henry McMaster	20	0	0	0	0	20	0	20	0	
Init - Governor	John Warren	12	0	0	0	0	12	0	12	0	
Init - Attorney General	Todd Atwater	10	0	0	0	0	10	0	10	0	
Init - Attorney General	Alan Wilson	21	0	0	0	0	21	0	21	0	
0005	Dixie	#####									
Init - Governor	Henry McMaster	34	0	0	0	0	34	0	34	0	
Init - Governor	John Warren	41	0	0	0	0	41	0	41	0	
Init - Attorney General	Todd Atwater	26	0	0	0	0	26	0	26	0	
Init - Attorney General	Alan Wilson	49	0	0	0	0	49	0	49	0	
0006	Fall Branch	#####									
Init - Governor	Henry McMaster	35	0	0	0	0	35	0	35	0	
Init - Governor	John Warren	24	0	0	0	0	24	0	24	0	
Init - Attorney General	Todd Atwater	13	0	0	0	0	13	0	13	0	
Init - Attorney General	Alan Wilson	43	0	0	0	0	43	0	43	0	
0007	Fort Motte	#####									
Init - Governor	Henry McMaster	25	0	0	0	0	25	0	25	0	
Init - Governor	John Warren	14	0	0	0	0	14	0	14	0	
Init - Attorney General	Todd Atwater	15	0	0	0	0	15	0	15	0	
Init - Attorney General	Alan Wilson	25	0	0	0	0	25	0	25	0	
0008	Lone Star	#####									
Init - Governor	Henry McMaster	71	0	0	0	0	71	0	71	0	
Init - Governor	John Warren	24	0	0	0	0	24	0	24	0	
Init - Attorney General	Todd Atwater	15	0	0	0	0	15	0	15	0	

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Init - Attorney General	Alan Wilson	75	0	0	0	0	75	0	75	0
0009 Midway #####										
Init - Governor	Henry McMaster	65	0	0	0	0	65	0	65	0
Init - Governor	John Warren	11	0	0	0	0	11	0	11	0
Init - Attorney General	Todd Atwater	17	0	0	0	0	17	0	17	0
Init - Attorney General	Alan Wilson	57	0	0	0	0	57	0	57	0
0010 Murph Mill #####										
Init - Governor	Henry McMaster	31	0	0	0	0	31	0	31	0
Init - Governor	John Warren	10	0	0	0	0	10	0	10	0
Init - Attorney General	Todd Atwater	14	0	0	0	0	14	0	14	0
Init - Attorney General	Alan Wilson	25	0	0	0	0	25	0	25	0
0011 Sandy Run #####										
Init - Governor	Henry McMaster	136	0	0	0	0	136	0	136	0
Init - Governor	John Warren	123	0	0	0	0	123	0	123	0
Init - Attorney General	Todd Atwater	85	0	0	0	0	85	0	85	0
Init - Attorney General	Alan Wilson	173	0	0	0	0	173	0	173	0
0012 St. Matthews #####										
Init - Governor	Henry McMaster	125	0	0	0	0	125	0	125	0
Init - Governor	John Warren	55	0	0	0	0	55	0	55	0
Init - Attorney General	Todd Atwater	64	0	0	0	0	64	0	64	0
Init - Attorney General	Alan Wilson	113	0	0	0	0	113	0	113	0
0750 Absentee #####										
Init - Governor	Henry McMaster	32	0	0	0	3	29	0	29	0
***** Note: A manual entry was made in this precinct. There is no audit data for a manual entry. Expect no match in Audit data messages.										
Init - Governor	John Warren	28	0	0	0	9	19	0	19	0
Init - Attorney General	Todd Atwater	28	0	0	0	7	21	0	21	0
Init - Attorney General	Alan Wilson	31	0	0	0	5	26	0	26	0
0800 Emergency #####										
Init - Governor	Henry McMaster	5	0	0	0	5	0	0	* Optical Ballots - No Audit data expected.	
***** Note: A manual entry was made in this precinct. There is no audit data for a manual entry. Expect no match in Audit data messages.										
Init - Governor	John Warren	0	0	0	0	0	0	0	* No Votes Cast - No Audit Data expected.	
Init - Attorney General	Todd Atwater	1	0	0	0	1	0	0	* Optical Ballots - No Audit data expected.	
Init - Attorney General	Alan Wilson	3	0	0	0	3	0	0	* Optical Ballots - No Audit data expected.	

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0850 Fallsafe #####										
Init - Governor	Henry McMaster	1	0	0	0	0	1	0	1	0
Init - Governor	John Warren	1	0	0	0	0	1	0	1	0
Init - Attorney General	Todd Atwater	0	0	0	0	0	0	0	* No Votes Cast - No Audit Data	
Init - Attorney General	Al an Wilson	2	0	0	0	0	2	0	2	0
0900 Provisional #####										
Init - Governor	Henry McMaster	0	0	0	0	0	0	0	* No Votes Cast - No Audit Data	
Init - Governor	John Warren	0	0	0	0	0	0	0	* No Votes Cast - No Audit Data	
Init - Attorney General	Todd Atwater	0	0	0	0	0	0	0	* No Votes Cast - No Audit Data	
Init - Attorney General	Al an Wilson	0	0	0	0	0	0	0	* No Votes Cast - No Audit Data	
0950 Fallsafe Provisional #####										
Init - Governor	Henry McMaster	0	0	0	0	0	0	0	* No Votes Cast - No Audit Data	
Init - Governor	John Warren	0	0	0	0	0	0	0	* No Votes Cast - No Audit Data	
Init - Attorney General	Todd Atwater	0	0	0	0	0	0	0	* No Votes Cast - No Audit Data	
Init - Attorney General	Al an Wilson	0	0	0	0	0	0	0	* No Votes Cast - No Audit Data	

There was no unmatched audit data

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.

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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

 Calhoun EL30A45A Comparison Report
 Election: 2018 Statewide Primary Runoff
 Audit Date: 12:44:28, Thu Jun 28, 2018

-----EL30A-----				-----EL45A-----												
Office	iVo	Flash	Delta	Candidate	Party	Tot	DS850	M650	DS200	M100	iVo	Flash	Tot	DS850	M650	DS200
M100																
Governor				Henry McMaster		738	0	0	0	8	730	0	738	0	0	0
8	730	0	0													
Governor				John Warren		444	0	0	0	9	435	0	444	0	0	0
9	435	0	0													
Attorney General				Todd Atwater		377	0	0	0	8	369	0	377	0	0	0
8	369	0	0													

Attorney General		Cal houn 2018 Statewide Primary Runoff Audit Report													
8	774	0	0	Alan Wilson	782	0	0	0	8	774	0	782	0	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.

 Cal houn PEB Use Report
 Election: 2018 Statewide Primary Runoff
 Audit Date: 12:43:29, Thu Jun 28, 2018

Precinct	PEBs Used	Comments
Bethel	139388	
Cameron	139281	
Center Hill	150981	
Creston	152079	
Dixie	138546	
Fall Branch	137433	

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Fort Motte	137727
Lone Star	137764
Midway	150944
Murph Mill	152231
Sandy Run	137834
St. Matthews	139417
Absentee	153622
Fail safe	153622

14 precincts processed

The following precinct(s) have no ballots cast in them: Provisional, Failsafe Provisional
 Note: if there are no ballots cast in a precinct the machines in that precinct cannot be identified so these precinct(s) will not appear in this report.

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.

Calhoun PEB Exceptions Report
 Election: 2018 Statewide Primary Runoff
 Election date: 2018-06-26
 Audit Date: 12:43:29, Thu Jun 28, 2018

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5112684	153622	2018-06-19 10:08:39	153622	2018-06-26 19:05:56	>>Open Date<<	Absentee - 8
5112684	153622	2018-06-19 10:08:39	153622	2018-06-26 19:05:56	Open Time	Absentee - 8
5117891	152079	2018-06-26 07:32:03	152079	2018-06-26 19:03:55	Open Time	Creston - 23
5118570	152079	2018-06-26 07:49:19	152079	2018-06-26 19:11:42	Open Time	Creston - 9
5135879	153622	2018-06-19 09:47:53	153622	2018-06-26 19:01:56	>>Open Date<<	Absentee - 40
						Fail safe - 2
5135879	153622	2018-06-19 09:47:53	153622	2018-06-26 19:01:56	Open Time	Absentee - 40
						Fail safe - 2

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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.

Absentee and Failsafe precinct machines are opened during the middle of the day several days before the election date of 2018-06-26. So it is normal for these machines to appear on this report with Open Date and Open Time exceptions.