

Cherokee 2018 Statewide Primary Runoff Audit Report

Cherokee Ballot Audit Report
 Election: 2018 Statewide Primary Runoff
 Audit Date: 12:17:39, Thu Jun 28, 2018

Prec Nber	Precinct Name	EL30A							Audit				Comments
		Total	DS850	M650	DS200	M100	iVo	Flash	iVo	Opt	Man	Delta	
0001	Allens	130	0	0	0	0	130	0	130	0	0	0	
0002	Alma Mill	98	0	0	0	0	98	0	98	0	0	0	
0003	Anti och/Kings Ck	145	0	0	0	0	145	0	145	0	0	0	
0004	Ashworth	181	0	0	0	0	181	0	181	0	0	0	
0005	Blacksburg Ward No.	97	0	0	0	0	97	0	97	0	0	0	
0006	Blacksburg Ward No.	177	0	0	0	0	177	0	177	0	0	0	
0010	Draytonville	174	0	0	0	0	174	0	174	0	0	0	
0011	Ezells and Butler	184	0	0	0	0	184	0	184	0	0	0	
0012	Gaffney Ward No. 1	25	0	0	0	0	25	0	25	0	0	0	
0013	Gaffney Ward No. 2	69	0	0	0	0	69	0	69	0	0	0	
0014	Gaffney Ward No. 3	43	0	0	0	0	43	0	43	0	0	0	
0015	Gaffney Ward No. 4	149	0	0	0	0	149	0	149	0	0	0	
0016	Gaffney Ward No. 5	157	0	0	0	0	157	0	157	0	0	0	
0017	Gaffney Ward No. 6	210	0	0	0	0	210	0	210	0	0	0	
0018	Grassy Pond	333	0	0	0	0	333	0	333	0	0	0	
0019	Goucher and Thickett	162	0	0	0	0	162	0	162	0	0	0	
0020	Holly Grove and Buff	176	0	0	0	0	176	0	176	0	0	0	
0021	Limestone Mill	56	0	0	0	0	56	0	56	0	0	0	
0022	Littlejohn's and Sar	63	0	0	0	0	63	0	63	0	0	0	
0023	Macedonia	264	0	0	0	0	264	0	264	0	0	0	
0024	Morgan	143	0	0	0	0	143	0	143	0	0	0	
0025	Musgrove Mill	202	0	0	0	0	202	0	202	0	0	0	
0026	99 and Cherokee Fall	134	0	0	0	0	134	0	134	0	0	0	
0027	Pleasant Grove	103	0	0	0	0	103	0	103	0	0	0	
0028	Pleasant Meadows	53	0	0	0	0	53	0	53	0	0	0	
0030	Timber Ridge	176	0	0	0	0	176	0	176	0	0	0	
0031	White Plains	171	0	0	0	0	171	0	171	0	0	0	
0032	Wilkinsville and Met	98	0	0	0	0	98	0	98	0	0	0	
0033	Woods	171	0	0	0	0	171	0	171	0	0	0	
Precincts Total:		4144	0	0	0	0	4144	0	4144	0	0	0	
0750	Absentee	315	0	0	0	57	258	0	258	0	57	0	
0800	Emergency	0	0	0	0	0	0	0	0	0	0	0	
0850	Failsafe	4	0	0	0	0	4	0	4	0	0	0	
0900	Provisional	0	0	0	0	0	0	0	0	0	0	0	
0950	Failsafe Provisional	0	0	0	0	0	0	0	0	0	0	0	
Virtual Precincts Total:		319	0	0	0	57	262	0	262	0	57	0	
Grand Total:		4463	0	0	0	57	4406	0	4406	0	57	0	

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

Cherokee 2018 Statewide Primary Runoff Audit Report

Auditor's Comments:

Total number of iVotronic ballots cast containing no votes: 7
 The following precincts have no ballots cast in them: Emergency, Provisional, Failsafe 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	13pm	4	0	57	57	M100	Updated Successfully
0750 Absentee	BALLOTS CAST - REPUBLICAN	06-26	20	13pm	4	0	57	57	M100	Already Updated

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

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

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
4406	4406	4406
Delta from EL30A	0	0
	Delta from EL155	0
	Cast By Voter	4404
	Cast By Poll Wkr	2
	Blank Cast by PW	0
	Cancelled Ballots	18
	Wrong Ballot	1
	Voter Left AB	0
	Voter Left BB	0
	Voter Request	5
	Printer Problem	1
	Terminal Problem	3
	Other Reason	8

(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.

Cherokee 2018 Statewide Primary Runoff Audit 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 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.

Cherokee 2018 Statewide Primary Runoff Audit Report

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.

Cherokee Vote Level Audit Report
 Election: 2018 Statewide Primary Runoff
 Audit Date: 11:51:53, Thu Jun 28, 2018

Precinct Number / Name Office	Candidate	Party	EL30A						Audit		Comments	
			Total	DS850	M650	DS200	M100	iVo	Flash	iVo		Delta
0001	Aliens	#####										
REP - Governor	Henry McMaster		88	0	0	0	0	88	0	88	0	
REP - Governor	John Warren		42	0	0	0	0	42	0	42	0	
REP - Attorney General	Todd Atwater		34	0	0	0	0	34	0	34	0	
REP - Attorney General	Alan Wilson		90	0	0	0	0	90	0	90	0	
0002	Alma Mill	#####										
REP - Governor	Henry McMaster		63	0	0	0	0	63	0	63	0	
REP - Governor	John Warren		35	0	0	0	0	35	0	35	0	
REP - Attorney General	Todd Atwater		18	0	0	0	0	18	0	18	0	
REP - Attorney General	Alan Wilson		77	0	0	0	0	77	0	77	0	
0003	Anti och/Kings Ck	#####										
REP - Governor	Henry McMaster		120	0	0	0	0	120	0	120	0	
REP - Governor	John Warren		24	0	0	0	0	24	0	24	0	
REP - Attorney General	Todd Atwater		41	0	0	0	0	41	0	41	0	
REP - Attorney General	Alan Wilson		99	0	0	0	0	99	0	99	0	
0004	Ashworth	#####										
REP - Governor	Henry McMaster		99	0	0	0	0	99	0	99	0	
REP - Governor	John Warren		81	0	0	0	0	81	0	81	0	
REP - Attorney General	Todd Atwater		44	0	0	0	0	44	0	44	0	
REP - Attorney General	Alan Wilson		135	0	0	0	0	135	0	135	0	
0005	Blacksburg Ward No. 1	#####										
REP - Governor	Henry McMaster		63	0	0	0	0	63	0	63	0	
REP - Governor	John Warren		33	0	0	0	0	33	0	33	0	
REP - Attorney General	Todd Atwater		35	0	0	0	0	35	0	35	0	
REP - Attorney General	Alan Wilson		58	0	0	0	0	58	0	58	0	

Cherokee 2018 Statewide Primary Runoff Audit Report

0006	Blacksburg Ward No. 2	#####									
REP - Governor		Henry McMaster	120	0	0	0	0	120	0	120	0
REP - Governor		John Warren	57	0	0	0	0	57	0	57	0
REP - Attorney General		Todd Atwater	43	0	0	0	0	43	0	43	0
REP - Attorney General		Alan Wilson	130	0	0	0	0	130	0	130	0
0010	Draytonville	#####									
REP - Governor		Henry McMaster	111	0	0	0	0	111	0	111	0
REP - Governor		John Warren	63	0	0	0	0	63	0	63	0
REP - Attorney General		Todd Atwater	58	0	0	0	0	58	0	58	0
REP - Attorney General		Alan Wilson	111	0	0	0	0	111	0	111	0
0011	Ezells and Butler	#####									
REP - Governor		Henry McMaster	89	0	0	0	0	89	0	89	0
REP - Governor		John Warren	95	0	0	0	0	95	0	95	0
REP - Attorney General		Todd Atwater	53	0	0	0	0	53	0	53	0
REP - Attorney General		Alan Wilson	127	0	0	0	0	127	0	127	0
0012	Gaffney Ward No. 1	#####									
REP - Governor		Henry McMaster	15	0	0	0	0	15	0	15	0
REP - Governor		John Warren	10	0	0	0	0	10	0	10	0
REP - Attorney General		Todd Atwater	8	0	0	0	0	8	0	8	0
REP - Attorney General		Alan Wilson	15	0	0	0	0	15	0	15	0
0013	Gaffney Ward No. 2	#####									
REP - Governor		Henry McMaster	28	0	0	0	0	28	0	28	0
REP - Governor		John Warren	39	0	0	0	0	39	0	39	0
REP - Attorney General		Todd Atwater	22	0	0	0	0	22	0	22	0
REP - Attorney General		Alan Wilson	40	0	0	0	0	40	0	40	0
0014	Gaffney Ward No. 3	#####									
REP - Governor		Henry McMaster	18	0	0	0	0	18	0	18	0
REP - Governor		John Warren	25	0	0	0	0	25	0	25	0
REP - Attorney General		Todd Atwater	18	0	0	0	0	18	0	18	0
REP - Attorney General		Alan Wilson	24	0	0	0	0	24	0	24	0
0015	Gaffney Ward No. 4	#####									
REP - Governor		Henry McMaster	84	0	0	0	0	84	0	84	0
REP - Governor		John Warren	63	0	0	0	0	63	0	63	0
REP - Attorney General		Todd Atwater	42	0	0	0	0	42	0	42	0
REP - Attorney General		Alan Wilson	102	0	0	0	0	102	0	102	0
0016	Gaffney Ward No. 5	#####									
REP - Governor		Henry McMaster	87	0	0	0	0	87	0	87	0
REP - Governor		John Warren	70	0	0	0	0	70	0	70	0
REP - Attorney General		Todd Atwater	50	0	0	0	0	50	0	50	0
REP - Attorney General		Alan Wilson	104	0	0	0	0	104	0	104	0

Cherokee 2018 Statewide Primary Runoff Audit Report

0017	Gaffney Ward No. 6	Henry McMaster	139	0	0	0	0	139	0	139	0
REP - Governor		John Warren	71	0	0	0	0	71	0	71	0
REP - Governor		Todd Atwater	68	0	0	0	0	68	0	68	0
REP - Attorney General		Alan Wilson	136	0	0	0	0	136	0	136	0
REP - Attorney General											
0018	Grassy Pond	Henry McMaster	211	0	0	0	0	211	0	211	0
REP - Governor		John Warren	122	0	0	0	0	122	0	122	0
REP - Governor		Todd Atwater	106	0	0	0	0	106	0	106	0
REP - Attorney General		Alan Wilson	219	0	0	0	0	219	0	219	0
REP - Attorney General											
0019	Goucher and Thicketty	Henry McMaster	98	0	0	0	0	98	0	98	0
REP - Governor		John Warren	64	0	0	0	0	64	0	64	0
REP - Governor		Todd Atwater	50	0	0	0	0	50	0	50	0
REP - Attorney General		Alan Wilson	111	0	0	0	0	111	0	111	0
REP - Attorney General											
0020	Holly Grove and Buffalo	Henry McMaster	129	0	0	0	0	129	0	129	0
REP - Governor		John Warren	45	0	0	0	0	45	0	45	0
REP - Governor		Todd Atwater	43	0	0	0	0	43	0	43	0
REP - Attorney General		Alan Wilson	127	0	0	0	0	127	0	127	0
REP - Attorney General											
0021	Limestone Mill	Henry McMaster	37	0	0	0	0	37	0	37	0
REP - Governor		John Warren	19	0	0	0	0	19	0	19	0
REP - Governor		Todd Atwater	19	0	0	0	0	19	0	19	0
REP - Attorney General		Alan Wilson	35	0	0	0	0	35	0	35	0
REP - Attorney General											
0022	Littlejohn's and Sarratt'	Henry McMaster	34	0	0	0	0	34	0	34	0
REP - Governor		John Warren	29	0	0	0	0	29	0	29	0
REP - Governor		Todd Atwater	11	0	0	0	0	11	0	11	0
REP - Attorney General		Alan Wilson	52	0	0	0	0	52	0	52	0
REP - Attorney General											
0023	Macedonia	Henry McMaster	133	0	0	0	0	133	0	133	0
REP - Governor		John Warren	131	0	0	0	0	131	0	131	0
REP - Governor		Todd Atwater	81	0	0	0	0	81	0	81	0
REP - Attorney General		Alan Wilson	172	0	0	0	0	172	0	172	0
REP - Attorney General											
0024	Morgan	Henry McMaster	90	0	0	0	0	90	0	90	0
REP - Governor		John Warren	53	0	0	0	0	53	0	53	0
REP - Governor		Todd Atwater	39	0	0	0	0	39	0	39	0
REP - Attorney General		Alan Wilson	100	0	0	0	0	100	0	100	0
REP - Attorney General											

Cherokee 2018 Statewide Primary Runoff Audit Report

0025	Musgrove Mill	#####										
REP - Governor		Henry McMaster	101	0	0	0	0	101	0	101	0	
REP - Governor		John Warren	100	0	0	0	0	100	0	100	0	
REP - Attorney General		Todd Atwater	65	0	0	0	0	65	0	65	0	
REP - Attorney General		Alan Wilson	126	0	0	0	0	126	0	126	0	
0026	99 and Cherokee Falls	#####										
REP - Governor		Henry McMaster	95	0	0	0	0	95	0	95	0	
REP - Governor		John Warren	39	0	0	0	0	39	0	39	0	
REP - Attorney General		Todd Atwater	35	0	0	0	0	35	0	35	0	
REP - Attorney General		Alan Wilson	97	0	0	0	0	97	0	97	0	
0027	Pleasant Grove	#####										
REP - Governor		Henry McMaster	57	0	0	0	0	57	0	57	0	
REP - Governor		John Warren	45	0	0	0	0	45	0	45	0	
REP - Attorney General		Todd Atwater	32	0	0	0	0	32	0	32	0	
REP - Attorney General		Alan Wilson	66	0	0	0	0	66	0	66	0	
0028	Pleasant Meadows	#####										
REP - Governor		Henry McMaster	24	0	0	0	0	24	0	24	0	
REP - Governor		John Warren	29	0	0	0	0	29	0	29	0	
REP - Attorney General		Todd Atwater	22	0	0	0	0	22	0	22	0	
REP - Attorney General		Alan Wilson	27	0	0	0	0	27	0	27	0	
0030	Timber Ridge	#####										
REP - Governor		Henry McMaster	98	0	0	0	0	98	0	98	0	
REP - Governor		John Warren	77	0	0	0	0	77	0	77	0	
REP - Attorney General		Todd Atwater	56	0	0	0	0	56	0	56	0	
REP - Attorney General		Alan Wilson	110	0	0	0	0	110	0	110	0	
0031	White Plains	#####										
REP - Governor		Henry McMaster	97	0	0	0	0	97	0	97	0	
REP - Governor		John Warren	74	0	0	0	0	74	0	74	0	
REP - Attorney General		Todd Atwater	49	0	0	0	0	49	0	49	0	
REP - Attorney General		Alan Wilson	118	0	0	0	0	118	0	118	0	
0032	Wilkinsville and Metcalf	#####										
REP - Governor		Henry McMaster	71	0	0	0	0	71	0	71	0	
REP - Governor		John Warren	27	0	0	0	0	27	0	27	0	
REP - Attorney General		Todd Atwater	32	0	0	0	0	32	0	32	0	
REP - Attorney General		Alan Wilson	61	0	0	0	0	61	0	61	0	
0033	Woods	#####										
REP - Governor		Henry McMaster	99	0	0	0	0	99	0	99	0	
REP - Governor		John Warren	72	0	0	0	0	72	0	72	0	
REP - Attorney General		Todd Atwater	45	0	0	0	0	45	0	45	0	
REP - Attorney General		Alan Wilson	120	0	0	0	0	120	0	120	0	

Cherokee 2018 Statewide Primary Runoff Audit Report

0750 Absentee #####
 REP - Governor Henry McMaster 174 0 0 0 24 150 0 * No Match in Audit Data.

***** 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.

REP - Governor John Warren 141 0 0 0 33 108 0 * No Match in Audit Data.
 REP - Attorney General Todd Atwater 101 0 0 0 17 84 0 * No Match in Audit Data.
 REP - Attorney General Al an Wi l son 198 0 0 0 34 164 0 * No Match in Audit Data.

0800 Emergency #####
 REP - Governor Henry McMaster 0 0 0 0 0 0 0 * No Votes Cast - No Audit Data expected.
 REP - Governor John Warren 0 0 0 0 0 0 0 * No Votes Cast - No Audit Data expected.
 REP - Attorney General Todd Atwater 0 0 0 0 0 0 0 * No Votes Cast - No Audit Data expected.
 REP - Attorney General Al an Wi l son 0 0 0 0 0 0 0 * No Votes Cast - No Audit Data expected.

0850 Fai l safe #####
 REP - Governor Henry McMaster 1 0 0 0 0 1 0 * No Match in Audit Data.
 REP - Governor John Warren 3 0 0 0 0 3 0 * No Match in Audit Data.
 REP - Attorney General Todd Atwater 2 0 0 0 0 2 0 * No Match in Audit Data.
 REP - Attorney General Al an Wi l son 2 0 0 0 0 2 0 * No Match in Audit Data.

0900 Provi si onal #####
 REP - Governor Henry McMaster 0 0 0 0 0 0 0 * No Votes Cast - No Audit Data expected.
 REP - Governor John Warren 0 0 0 0 0 0 0 * No Votes Cast - No Audit Data expected.
 REP - Attorney General Todd Atwater 0 0 0 0 0 0 0 * No Votes Cast - No Audit Data expected.
 REP - Attorney General Al an Wi l son 0 0 0 0 0 0 0 * No Votes Cast - No Audit Data expected.

0950 Fai l safe Provi si onal #####
 REP - Governor Henry McMaster 0 0 0 0 0 0 0 * No Votes Cast - No Audit Data expected.
 REP - Governor John Warren 0 0 0 0 0 0 0 * No Votes Cast - No Audit Data

Cherokee 2018 Statewide Primary Runoff Audit Report

expected. REP - Attorney General	Todd Atwater	0	0	0	0	0	0	0	0 * No Votes Cast - No Audit Data
expected. REP - Attorney General	Alan Wilson	0	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.

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

Cherokee 2018 Statewide Primary Runoff Audit Report

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

 Cherokee EL30A45A Comparison Report
 Election: 2018 Statewide Primary Runoff
 Audit Date: 11:52:6, Thu Jun 28, 2018

-----EL30A-----				-----EL45A-----												
Office	iVo	Flash	Delta	Candidate	Party	Tot	DS850	M650	DS200	M100	iVo	Flash	Tot	DS850	M650	DS200
Governor 24	2649	0	0	Henry McMaster		2673	0	0	0	24	2649	0	2673	0	0	0
Governor 33	1745	0	0	John Warren		1778	0	0	0	33	1745	0	1778	0	0	0
Attorney General 17	1305	0	0	Todd Atwater		1322	0	0	0	17	1305	0	1322	0	0	0
Attorney General 34	2955	0	0	Alan Wilson		2989	0	0	0	34	2955	0	2989	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

Cherokee 2018 Statewide Primary Runoff Audit Report

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.

Cherokee PEB Use Report
 Election: 2018 Statewide Primary Runoff
 Audit Date: 12:17:39, Thu Jun 28, 2018

Precinct	PEBs Used	Comments
Allens	150840	
Alma Mill	150770	
Antioch/Kings Ck	151394	
Ashworth	148685	
Blacksburg Ward No.	148974	WARNING: 2 PEBs used to open/close machines.
Draytonville	150538	
Ezells and Butler	148779	
Gaffney Ward No. 1	148673	
Gaffney Ward No. 2	148732	
Gaffney Ward No. 3	148689	
Gaffney Ward No. 4	150863	
Gaffney Ward No. 5	148738	
Gaffney Ward No. 6	148651	
Grassy Pond	148672	
Goucher and Thickett	150032	
Holly Grove and Buff	150930	
Limestone Mill	148653	
Littlejohn's and Sar	150107	
Macedonia	150260	
Morgan	150474	
Musgrove Mill	195672	
99 and Cherokee Fall	148882	
Pleasant Grove	150250	
Pleasant Meadows	150744	
Timber Ridge	150189	
White Plains	150083	
Wilkinsville and Met	148785	

Cherokee 2018 Statewide Primary Runoff Audit Report

Woods 150249
 Absentee 150397
 Fail safe 150397

30 precincts processed

The following precinct(s) have no ballots cast in them: Emergency, Provisional, Fail safe 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.

 Cherokee PEB Exceptions Report
 Election: 2018 Statewide Primary Runoff
 Election date: 2018-06-26
 Audit Date: 12:17:39, Thu Jun 28, 2018

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5119696	150397	2018-06-18 13:11:52	150397	2018-06-26 19:03:27	>>Open Date<<	Absentee - 126
5119696	150397	2018-06-18 13:11:52	150397	2018-06-26 19:03:27	Open Time	Absentee - 126
5126809	150397	2018-06-18 13:09:42	150397	2018-06-26 19:01:32	>>Open Date<<	Absentee - 132
						Fail safe - 4
5126809	150397	2018-06-18 13:09:42	150397	2018-06-26 19:01:32	Open Time	Absentee - 132
						Fail safe - 4

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

Cherokee 2018 Statewide Primary Runoff Audit Report

- 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.