

Dillon Ballot Audit Report

Dillon Ballot Audit Report
 Election: Democratic PPP
 Audit Date: 14:54:28, Thu Mar 3, 2016

Prec Nber	Precinct Name	EL30A				Audit				Comments
		Total	Opt	iVo	Flash	iVo	Opt	Man	Delta	
0001	East Dillon	76	0	76	0	76	0	0	0	
0002	West Dillon	218	0	218	0	218	0	0	0	
0003	South Dillon	203	0	203	0	203	0	0	0	
0004	Latta	290	0	290	0	290	0	0	0	
0005	New Holly	34	0	34	0	34	0	0	0	
0006	Lake View	126	0	126	0	126	0	0	0	
0007	Kemper	54	0	54	0	54	0	0	0	
0008	Gaddy's Mill	9	0	9	0	9	0	0	0	
0009	Mt. Calvary	246	0	246	0	246	0	0	0	
0010	Bermuda	25	0	25	0	25	0	0	0	
0011	Pleasant Hill	21	0	21	0	21	0	0	0	
0012	Hamer	54	0	54	0	54	0	0	0	
0013	Oakland	86	0	86	0	86	0	0	0	
0014	Carolina	33	0	33	0	33	0	0	0	
0015	Little Rock	100	0	100	0	100	0	0	0	
0016	Minturn	36	0	36	0	36	0	0	0	
0017	Oak Grove	69	0	69	0	69	0	0	0	
0018	Manning	19	0	19	0	19	0	0	0	
0019	Floydale	33	0	33	0	33	0	0	0	
0020	Fork	45	0	45	0	45	0	0	0	
Precincts Total:		1777	0	1777	0	1777	0	0	0	
0750	Absentee	215	83	132	0	132	83	0	0	
0800	Emergency	0	0	0	0	0	0	0	0	
0850	Failsafe	1	0	1	0	1	0	0	0	
0900	Provisional	0	0	0	0	0	0	0	0	
0950	Failsafe Provisional	0	0	0	0	0	0	0	0	
Virtual Precincts Total:		216	83	133	0	133	83	0	0	
Grand Total:		1993	83	1910	0	1910	83	0	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: 18
 The following precincts have no ballots cast in them: Emergency, Provisional, Failsafe Provisional
 This audit is complete and has no exceptions.

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

EL30A Ivo Ballots	EL155 Ballots	EL152 Ballots
1910	1910	1910
Delta from EL30A	0	0

Dillon Ballot Audit Report

Delta from EL155	0
Cast By Voter	1910
Cast By Poll Wkr	0
Blank Cast by PW	0
Cancelled Ballots	41
Wrong Ballot	2
Voter Left AB	0
Voter Left BB	3
Voter Request	5
Printer Problem	3
Terminal Problem	3
Other Reason	25

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

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

Note: The following machines(s) have audit records but no ballots were cast on them: 5135974
 Because they do not have ballots cast, they cannot be matched to a precinct. This is not an issue as long as the EL30A Ivo Ballots, the EL155 Ballots and the EL152 Ballots match in the table immediately above.

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.

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.

Dillon Ballot Audit 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.

Dillon Vote Audit

Dillon Vote Level Audit Report
 Election: Democratic PPP
 Audit Date: 14:55:00, Thu Mar 3, 2016

Precinct Number / Name Office	Candidate	Party	EL30A				Audit		Comments
			Total	Optical	iVo	Flash	iVo	Delta	
0001 East Dillon									
President District 7	Hillary Clinton		54	0	54	0	54	0	
President District 7	Martin O'Malley		0	0	0	0	* No Audit Data	expected or found	
President District 7	Bernie Sanders		21	0	21	0	21	0	
President District 7	Willie Wilson		0	0	0	0	* No Audit Data	expected or found	
0002 West Dillon									
President District 7	Hillary Clinton		177	0	177	0	177	0	
President District 7	Martin O'Malley		0	0	0	0	* No Audit Data	expected or found	
President District 7	Bernie Sanders		40	0	40	0	40	0	
President District 7	Willie Wilson		1	0	1	0	1	0	
0003 South Dillon									
President District 7	Hillary Clinton		166	0	166	0	166	0	
President District 7	Martin O'Malley		0	0	0	0	* No Audit Data	expected or found	
President District 7	Bernie Sanders		32	0	32	0	32	0	
President District 7	Willie Wilson		1	0	1	0	1	0	
0004 Latta									
President District 7	Hillary Clinton		253	0	253	0	253	0	
President District 7	Martin O'Malley		0	0	0	0	* No Audit Data	expected or found	
President District 7	Bernie Sanders		37	0	37	0	37	0	
President District 7	Willie Wilson		0	0	0	0	* No Audit Data	expected or found	
0005 New Holly									
President District 7	Hillary Clinton		29	0	29	0	29	0	
President District 7	Martin O'Malley		0	0	0	0	* No Audit Data	expected or found	
President District 7	Bernie Sanders		5	0	5	0	5	0	
President District 7	Willie Wilson		0	0	0	0	* No Audit Data	expected or found	
0006 Lake View									
President District 7	Hillary Clinton		109	0	109	0	109	0	
President District 7	Martin O'Malley		0	0	0	0	* No Audit Data	expected or found	
President District 7	Bernie Sanders		15	0	15	0	15	0	
President District 7	Willie Wilson		1	0	1	0	1	0	
0007 Kemper									
President District 7	Hillary Clinton		41	0	41	0	41	0	
President District 7	Martin O'Malley		0	0	0	0	* No Audit Data	expected or found	
President District 7	Bernie Sanders		12	0	12	0	12	0	

		Dillon	Vote	Audit				
President District 7	Willie Wilson	0	0	0	0	*	No Audit Data	expected or found
0008 Gaddy's Mill								
President District 7	Hillary Clinton	9	0	9	0		9	0
President District 7	Martin O'Malley	0	0	0	0	*	No Audit Data	expected or found
President District 7	Bernie Sanders	0	0	0	0	*	No Audit Data	expected or found
President District 7	Willie Wilson	0	0	0	0	*	No Audit Data	expected or found
0009 Mt. Calvary								
President District 7	Hillary Clinton	215	0	215	0		215	0
President District 7	Martin O'Malley	3	0	3	0		3	0
President District 7	Bernie Sanders	26	0	26	0		26	0
President District 7	Willie Wilson	0	0	0	0	*	No Audit Data	expected or found
0010 Bermuda								
President District 7	Hillary Clinton	21	0	21	0		21	0
President District 7	Martin O'Malley	3	0	3	0		3	0
President District 7	Bernie Sanders	1	0	1	0		1	0
President District 7	Willie Wilson	0	0	0	0	*	No Audit Data	expected or found
0011 Pleasant Hill								
President District 7	Hillary Clinton	18	0	18	0		18	0
President District 7	Martin O'Malley	0	0	0	0	*	No Audit Data	expected or found
President District 7	Bernie Sanders	3	0	3	0		3	0
President District 7	Willie Wilson	0	0	0	0	*	No Audit Data	expected or found
0012 Hamer								
President District 7	Hillary Clinton	43	0	43	0		43	0
President District 7	Martin O'Malley	0	0	0	0	*	No Audit Data	expected or found
President District 7	Bernie Sanders	8	0	8	0		8	0
President District 7	Willie Wilson	0	0	0	0	*	No Audit Data	expected or found
0013 Oakland								
President District 7	Hillary Clinton	72	0	72	0		72	0
President District 7	Martin O'Malley	0	0	0	0	*	No Audit Data	expected or found
President District 7	Bernie Sanders	11	0	11	0		11	0
President District 7	Willie Wilson	0	0	0	0	*	No Audit Data	expected or found
0014 Carolina								
President District 7	Hillary Clinton	23	0	23	0		23	0
President District 7	Martin O'Malley	0	0	0	0	*	No Audit Data	expected or found
President District 7	Bernie Sanders	9	0	9	0		9	0
President District 7	Willie Wilson	0	0	0	0	*	No Audit Data	expected or found
0015 Little Rock								
President District 7	Hillary Clinton	92	0	92	0		92	0
President District 7	Martin O'Malley	0	0	0	0	*	No Audit Data	expected or found
President District 7	Bernie Sanders	8	0	8	0		8	0

		Dillon	Vote	Audit			
President District 7	Willie Wilson	0	0	0	0	* No Audit Data expected or found	
0016 Mi turn							
President District 7	Hillary Clinton	31	0	31	0	31	0
President District 7	Martin O' Malley	0	0	0	0	* No Audit Data expected or found	
President District 7	Bernie Sanders	5	0	5	0	5	0
President District 7	Willie Wilson	0	0	0	0	* No Audit Data expected or found	
0017 Oak Grove							
President District 7	Hillary Clinton	52	0	52	0	52	0
President District 7	Martin O' Malley	1	0	1	0	1	0
President District 7	Bernie Sanders	16	0	16	0	16	0
President District 7	Willie Wilson	0	0	0	0	* No Audit Data expected or found	
0018 Manni ng							
President District 7	Hillary Clinton	15	0	15	0	15	0
President District 7	Martin O' Malley	0	0	0	0	* No Audit Data expected or found	
President District 7	Bernie Sanders	3	0	3	0	3	0
President District 7	Willie Wilson	0	0	0	0	* No Audit Data expected or found	
0019 Fl oydal e							
President District 7	Hillary Clinton	20	0	20	0	20	0
President District 7	Martin O' Malley	0	0	0	0	* No Audit Data expected or found	
President District 7	Bernie Sanders	12	0	12	0	12	0
President District 7	Willie Wilson	1	0	1	0	1	0
0020 Fork							
President District 7	Hillary Clinton	38	0	38	0	38	0
President District 7	Martin O' Malley	0	0	0	0	* No Audit Data expected or found	
President District 7	Bernie Sanders	5	0	5	0	5	0
President District 7	Willie Wilson	1	0	1	0	1	0
0750 Absentee							
President District 7	Hillary Clinton	180	73	107	0	107	0
President District 7	Martin O' Malley	2	1	1	0	1	0
President District 7	Bernie Sanders	33	9	24	0	24	0
President District 7	Willie Wilson	0	0	0	0	* No Audit Data expected or found	
0800 Emergency							
President District 7	Hillary Clinton	0	0	0	0	* No Audit Data expected or found	
President District 7	Martin O' Malley	0	0	0	0	* No Audit Data expected or found	
President District 7	Bernie Sanders	0	0	0	0	* No Audit Data expected or found	
President District 7	Willie Wilson	0	0	0	0	* No Audit Data expected or found	
0850 Fai l safe							
President District 7	Hillary Clinton	1	0	1	0	1	0
President District 7	Martin O' Malley	0	0	0	0	* No Audit Data expected or found	
President District 7	Bernie Sanders	0	0	0	0	* No Audit Data expected or found	

		Dillon	Vote	Audit		
President District 7	Willie Wilson	0	0	0	0	* No Audit Data expected or found
0900 Provisional						
President District 7	Hillary Clinton	0	0	0	0	* No Audit Data expected or found
President District 7	Martin O' Malley	0	0	0	0	* No Audit Data expected or found
President District 7	Bernie Sanders	0	0	0	0	* No Audit Data expected or found
President District 7	Willie Wilson	0	0	0	0	* No Audit Data expected or found
0950 Failsafe Provisional						
President District 7	Hillary Clinton	0	0	0	0	* No Audit Data expected or found
President District 7	Martin O' Malley	0	0	0	0	* No Audit Data expected or found
President District 7	Bernie Sanders	0	0	0	0	* No Audit Data expected or found
President District 7	Willie Wilson	0	0	0	0	* No Audit Data expected or found

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.

Dillon Vote Audit

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

Dillon EL30A45A Compare

Dillon EL30A45A Comparison Report
 Election: Democratic PPP
 Audit Date: 14:55:35, Thu Mar 3, 2016

Office	Candidate	Party	EL30A				EL45A				Delta
			Tot	Opt	iVo	Flash	Tot	Opt	iVo	Flash	
President District 7	Hillary Clinton		1659	73	1586	0	1659	73	1586	0	0
President District 7	Martin O'Malley		9	1	8	0	9	1	8	0	0
President District 7	Bernie Sanders		302	9	293	0	302	9	293	0	0
President District 7	Willie Wilson		5	0	5	0	5	0	5	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.

Dillon PEBUsed

Dillon PEB Use Report
 Election: Democratic PPP
 Audit Date: 14:54:28, Thu Mar 3, 2016

Precinct	PEBs Used	Comments
East Dillon	147467	
West Dillon	147661	
South Dillon	153908	WARNING: 2 PEBs used to open/close machines.
Latta	153815	
New Holly	145213	
Lake View	147685	
Kemper	147100	
Gaddy's Mill	147974	
Mt. Calvary	146940	
Bermuda	144521	
Pleasant Hill	154963	
Hamer	146458	
Oakland	144635	
Carolina	153538	
Little Rock	144681	
Minturn	144303	
Oak Grove	145149	
Manning	144576	
Floydale	144935	
Fork	145160	
Absentee	144931	
Fail safe	144931	

22 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.

Dillon PEBExceptionsReport

Dillon PEB Exceptions Report
 Election: Democratic PPP
 Election date: 02/27/2016
 Audit Date: 14:54:28, Thu Mar 3, 2016

iVo #	Op PEB	Open Time	Cl PEB	Close Time	Exception Type	Precinct - Ballots Cast
5105478	147100	02/27/2016 07:01:01	147100	02/27/2016 19:07:09	Open Time	Kemper - 46
5121947	145149	02/23/2016 13:05:01	145149	02/27/2016 19:05:31	>>Open Date<<	Oak Grove - 35
5121947	145149	02/23/2016 13:05:01	145149	02/27/2016 19:05:31	Open Time	Oak Grove - 35
5122565	153908	02/27/2016 07:07:30	153908	02/27/2016 19:13:17	Open Time	South Dillon - 76
5123103	144674	02/27/2016 07:09:40	144674	02/27/2016 19:15:10	Open Time	South Dillon - 76
5124522	153538	02/23/2016 13:05:24	153538	02/27/2016 19:05:32	>>Open Date<<	Carolina - 31
5124522	153538	02/23/2016 13:05:24	153538	02/27/2016 19:05:32	Open Time	Carolina - 31
5126212	144931	01/19/2016 09:18:48	144931	02/27/2016 19:04:04	>>Open Date<<	Absentee - 131
						Fail safe - 1
5126212	144931	01/19/2016 09:18:48	144931	02/27/2016 19:04:04	Open Time	Absentee - 131
						Fail safe - 1
5129884	144931	01/19/2016 09:25:50	144931	02/27/2016 19:02:59	>>Open Date<<	Absentee - 1
5129884	144931	01/19/2016 09:25:50	144931	02/27/2016 19:02:59	Open Time	Absentee - 1
5136029	144303	02/23/2016 13:07:30	144303	02/27/2016 20:12:45	>>Open Date<<	Minturn - 16
5136029	144303	02/23/2016 13:07:30	144303	02/27/2016 20:12:45	Open Time	Minturn - 16
5136495	144674	02/27/2016 07:00:56	144674	02/27/2016 19:05:35	Open Time	South Dillon - 51
5136790	144681	02/23/2016 13:03:28	144681	02/27/2016 19:03:45	>>Open Date<<	Little Rock - 38
5136790	144681	02/23/2016 13:03:28	144681	02/27/2016 19:03:45	Open Time	Little Rock - 38
5136797	144635	02/23/2016 13:04:56	144635	02/27/2016 19:22:30	>>Open Date<<	Oakland - 21
5136797	144635	02/23/2016 13:04:56	144635	02/27/2016 19:22:30	Open Time	Oakland - 21
5137565	146458	02/23/2016 13:04:39	146458	02/27/2016 19:04:36	>>Open Date<<	Hamer - 25
5137565	146458	02/23/2016 13:04:39	146458	02/27/2016 19:04:36	Open Time	Hamer - 25

The following machine(s) have audit records but no ballots were cast on them: 5135974
 Because they do not have ballots cast, they cannot be matched to a precinct.

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:

Dillon PEBExceptionsReport

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 02/27/2016. So it is normal for these machines to appear on this report with Open Date and Open Time exceptions.