2013 PCMS Hunting Report
Important notes:

- All the Boone and Crockett (B&C) data was collected by the individual hunter and therefore is subject to variation.

- This report was prepared solely to share the hunting data collected on PCMS and not to provide any statistical analysis. Statistical analysis was not performed because the sample sizes (n) were generally too small and there was too great a degree of variation in the data collection to provide accurate statistical analysis.

- All the B&C numbers used in this report are the gross scores and not the final (adjusted) scores. Final scores are usually lower than gross scores because when calculating the final score, points are deducted for asymmetry etc. The PCMS biologists focus more on overall size than symmetry when considering management options.

- The average was calculated using all the acceptable B&C scores (the highest and lowest scores were not dropped). In two instances (one rifle deer and one rifle elk) the B&C scores provided to the PCMS biologists were incomplete and therefore could not be included in the calculations.

- Due to government shutdown, there was not a pronghorn rifle season on PCMS this year.
## MULE DEER

**Rifle Data (142 only)**
- Total number of buck permits: 20
- Total number of hunters that showed: 10
- Percent of hunters that showed: 50%
- # Bucks harvested (rifle): *10
  (* one plains tag was accidentally taken on PCMS)
- Buck success rate (rifle): 100%
- Average B&C Size (rifle): 168.96

- Total number of doe permits: 20
- Total number that showed: 17
- Percent of hunters that showed: 85%
- # Does harvested: 11
- Doe success rate: 64.7%

**Muzzleloader (multi-unit)**
- Total number of buck permits: 22
- Total number that showed: 6
- Percent of hunters that showed: 27.3%
- # ML Bucks Harvested: 3
- ML buck success rate: 50%
- Average size: 131.41

- Total number of doe permits: 9
- Total number that showed: 2
- Percent of hunters that showed: 22.2%
- # Does harvested: 0
- ML doe success rate: 0%

**Archery (multi-unit)**
- Total number of tags (either sex): 39
- Total number that showed: 27
- Percent of hunters that showed: 69.2%
- # bucks harvested: 4
- # does harvested: 1
- Hunter success rate: 14.8%
- Average size: 130.9

* There was one archery hybrid deer harvested, but it is not included in the mule deer data in this report.

<table>
<thead>
<tr>
<th>All Seasons</th>
<th>Total # bucks harvested</th>
<th>17</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Average size</td>
<td>153.38</td>
</tr>
<tr>
<td></td>
<td>% with B &amp; C &gt; 150</td>
<td>53.3</td>
</tr>
<tr>
<td></td>
<td>Total # does</td>
<td>12</td>
</tr>
</tbody>
</table>

## ELK

**Rifle Data (2d & 3d season OTC)**
- Total number of bull elk permits: -
- Total number of bull hunters: 35
- Percent of hunters at PCMS: -
- # Bulls harvested: 5
- Bull elk success rate: 14.7
- Average rifle B & C size: 241.25

**Rifle Data (4th season multi-unit)**
- Total number of bull elk permits: 18
- Total number of hunters at PCMS: 14
- Percent of hunters at PCMS: 78%
- # Bulls harvested: 1
- Bull elk (4th season) success rate: 7.1%
- Average rifle B & C size (no score)

**Cow elk (multi-unit)**
- Total number of cow permits: 65
- Total number of cow hunters: 29
- Percent of hunters at PMCS: 44.61%
- # Cows harvested: 7
- Cow elk success rate: 24.00%

**Muzzleloader (multi-unit)**
- Total number of permits: 10
- Total number that showed: 10
- Percent of hunters that showed: 100%
- # ML Bucks harvested: 2
- ML bull success rate: 20%
- Average size: 272.75

**Archery (OTC)**
- Total number of permits: -
- Total number of hunter that showed: 6
- # Bulls harvested: 0
- Archery success rate: 0%

<table>
<thead>
<tr>
<th>All Seasons</th>
<th>Total # bulls harvested</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Average size</td>
<td>250.25</td>
</tr>
<tr>
<td></td>
<td>% with B &amp; C &gt; 250</td>
<td>57.1</td>
</tr>
<tr>
<td></td>
<td>Total # cows</td>
<td>7</td>
</tr>
</tbody>
</table>
### PCMS Historical B&C Data and Harvest Numbers

<table>
<thead>
<tr>
<th>Year</th>
<th>Archery Deer</th>
<th>Muzzleloader Deer</th>
<th>Rifle Deer</th>
<th>Total Deer</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>n</td>
<td>Avg B&amp;C</td>
<td>n</td>
<td>Avg B&amp;C</td>
</tr>
<tr>
<td>1989</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>1990</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>1991</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>1992</td>
<td>3</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2011</td>
<td>2</td>
<td>137.25</td>
<td>0</td>
<td>-</td>
</tr>
<tr>
<td>2012</td>
<td>7*</td>
<td>112.34</td>
<td>7</td>
<td>132.14</td>
</tr>
<tr>
<td>2013</td>
<td>4</td>
<td>130.90</td>
<td>3</td>
<td>131.41</td>
</tr>
</tbody>
</table>

* some B & C scores were missing

** One rifle plains buck was accidentally harvested on PCMS, so it is included in the PCMS data.

<table>
<thead>
<tr>
<th>Year</th>
<th>Archery Elk</th>
<th>Muzzleloader Elk</th>
<th>OTC &amp; Draw Rifle Elk</th>
<th>Total Elk</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>n</td>
<td>Avg B&amp;C</td>
<td>n</td>
<td>Avg B&amp;C</td>
</tr>
<tr>
<td>2011</td>
<td>1</td>
<td>-</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>2012</td>
<td>1</td>
<td>258.00</td>
<td>1</td>
<td>297.50</td>
</tr>
<tr>
<td>2013</td>
<td>0</td>
<td>0.00</td>
<td>2</td>
<td>272.75</td>
</tr>
</tbody>
</table>

* 8 harvested but only 7 B&C scores available

<table>
<thead>
<tr>
<th>Year</th>
<th>Archery Pronghorn</th>
<th>Muzzleloader Pronghorn</th>
<th>Rifle Pronghorn</th>
<th>Total Pronghorn</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>n</td>
<td>Avg B&amp;C</td>
<td>n</td>
<td>Avg B&amp;C</td>
</tr>
<tr>
<td>2011</td>
<td>2</td>
<td>-</td>
<td>5</td>
<td>-</td>
</tr>
<tr>
<td>2012</td>
<td>2</td>
<td>71.93</td>
<td>2</td>
<td>60.00</td>
</tr>
<tr>
<td>2013</td>
<td>2</td>
<td>63.37</td>
<td>1</td>
<td>70.50</td>
</tr>
</tbody>
</table>
17 mule deer were harvested. 1 hybrid was also harvested but it was not included with the mule deer data.
8 elk were harvested. One was a spike and was not included when calculating average B&C scores. It was included in the total when calculating % of elk over 250, since its score is assumed to be lower than 250.
3 pronghorn were harvested.
The numbers in parenthesis represent the number of bulls/bucks harvested.

Six bulls were harvested during the rifle season, but there were only 5 B&C useable scores (one was a deformed rack).
Over the past three years 93% of hunters with a multi-use muzzleloader elk tag opted to hunt on PCMS.
% of 4th Season Rifle Elk Hunters on PCMS from 2011-2013

- 2011: 48 tags issued, 12 hunted PCMS
- 2012: 53 tags issued, 9 hunted PCMS
- 2013: 78 tags issued, 14 hunted PCMS
*Eleven mule deer were harvested on PMCS, but one was a Unit 147 Plains tag which was accidentally taken on PCMS. It is not included in this graph.
2012: 24 bucks were harvested on GMU 142. ~ Two were possible white-tailed x mule deer hybrids. ~ The largest buck B&C score was 195.75.

2013: 17 bucks were harvested on GMU 142. ~ The largest buck B&C score was 184.37.

For this graph, all the B&C scores from archery, muzzleloader and rifle seasons were combined.